

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115525.D
 Acq On : 12 Jul 2019 13:53
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICBF071219

Quant Time: Jul 12 14:18:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	214845	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	890656	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	426271	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	797449	20.00	ng	0.00
76) Chrysene-d12	14.05	240	524810	20.00	ng	0.00
87) Perylene-d12	15.52	264	481035	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	1018956	77.58	ng	0.00
7) Phenol-d6	6.52	99	1305402	78.33	ng	0.00
23) Nitrobenzene-d5	7.45	82	1204584	78.64	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	394129	79.21	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2008222	82.46	ng	0.00
79) Terphenyl-d14	13.00	244	2079055	73.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.71	88	245740	37.507	ng	100
3) Pyridine	3.46	79	686683	38.630	ng	100
4) n-Nitrosodimethylamine	3.42	42	247074	38.314	ng	99
6) Aniline	6.55	93	909858	39.229	ng	99
8) 2-Chlorophenol	6.67	128	595221	39.415	ng	98
9) Benzaldehyde	6.43	77	378291	36.322	ng	99
10) Phenol	6.53	94	768801	39.737	ng	89
11) bis(2-Chloroethyl)ether	6.62	93	571043	38.767	ng	100
12) 1,3-Dichlorobenzene	6.83	146	656543	38.669	ng	99
13) 1,4-Dichlorobenzene	6.90	146	667230	39.387	ng	98
14) 1,2-Dichlorobenzene	7.06	146	609441	39.355	ng	96
15) Benzyl Alcohol	7.03	79	531032	40.165	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	763702	39.381	ng	97
17) 2-Methylphenol	7.14	107	512561	39.385	ng	99
18) Hexachloroethane	7.40	117	248333	39.495	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	421308	38.760	ng	99
20) 3+4-Methylphenols	7.29	107	591717	38.278	ng	97
22) Acetophenone	7.30	105	784118	38.970	ng	94
24) Nitrobenzene	7.47	77	656837	39.757	ng	97
25) Isophorone	7.71	82	1181357	38.543	ng	100
26) 2-Nitrophenol	7.79	139	341722	40.185	ng	94
27) 2,4-Dimethylphenol	7.82	122	501706	39.431	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	735585	39.120	ng	99
29) 2,4-Dichlorophenol	8.03	162	520477	39.333	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	581902	38.903	ng	100
31) Naphthalene	8.19	128	1682925	39.016	ng	98
32) Benzoic acid	7.96	122	437444	41.893	ng	98
33) 4-Chloroaniline	8.24	127	736572	38.551	ng	98
34) Hexachlorobutadiene	8.32	225	334875	39.041	ng	99
35) Caprolactam	8.62	113	158767	38.828	ng	100
36) 4-Chloro-3-methylphenol	8.72	107	530463	38.646	ng	99
37) 2-Methylnaphthalene	8.89	142	1105185	38.653	ng	98
38) 1-Methylnaphthalene	8.99	142	1058490	38.975	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	517957	40.350	ng	98

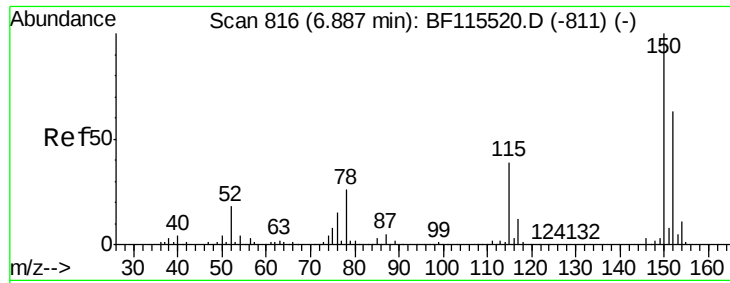
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	287002	39.195	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	373650	39.804	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	387770	40.336	ng	99
46) 1,1'-Biphenyl	9.35	154	1328488	39.864	ng	98
47) 2-Chloronaphthalene	9.37	162	1102868	39.745	ng	99
48) 2-Nitroaniline	9.46	65	344286	40.087	ng	98
49) Acenaphthylene	9.79	152	1621583	39.439	ng	99
50) Dimethylphthalate	9.65	163	1247259	38.890	ng	99
51) 2,6-Dinitrotoluene	9.71	165	294466	40.402	ng	88
52) Acenaphthene	9.96	154	1059783	39.923	ng	99
53) 3-Nitroaniline	9.87	138	331187	39.764	ng	99
54) 2,4-Dinitrophenol	9.98	184	156570	41.841	ng	91
55) Dibenzofuran	10.13	168	1434820	38.061	ng	99
56) 4-Nitrophenol	10.03	139	257833	40.596	ng	98
57) 2,4-Dinitrotoluene	10.11	165	381845	40.439	ng	96
58) Fluorene	10.47	166	1056015	39.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	320855	39.925	ng	99
60) Diethylphthalate	10.35	149	1189395	39.581	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	550904	36.862	ng	99
62) 4-Nitroaniline	10.49	138	312855	39.160	ng	99
63) Azobenzene	10.63	77	1152331	39.535	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	203418	41.751	ng	93
66) n-Nitrosodiphenylamine	10.59	169	978992	39.466	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	361131	39.628	ng	98
68) Hexachlorobenzene	11.03	284	410037	39.400	ng	95
69) Atrazine	11.11	200	303551	37.302	ng	99
70) Pentachlorophenol	11.22	266	257979	40.530	ng	99
71) Phenanthrene	11.44	178	1594819	39.016	ng	98
72) Anthracene	11.49	178	1613639	38.198	ng	100
73) Carbazole	11.64	167	1444758	39.000	ng	100
74) Di-n-butylphthalate	11.97	149	1725435	37.813	ng	99
75) Fluoranthene	12.63	202	1631038	37.759	ng	99
77) Benzidine	12.74	184	629558	33.863	ng	98
78) Pyrene	12.86	202	1658389	37.297	ng	98
80) Butylbenzylphthalate	13.47	149	723448	38.167	ng	99
81) Benzo(a)anthracene	14.04	228	1342820	38.838	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	488815	39.770	ng	97
83) Chrysene	14.08	228	1327332	38.243	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	920003	39.184	ng	# 98
85) Di-n-octyl phthalate	14.64	149	1542662	41.295	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1109050	37.611	ng	99
88) Benzo(b)fluoranthene	15.09	252	1296419	41.854	ng	99
89) Benzo(k)fluoranthene	15.12	252	1033847	37.437	ng	99
90) Benzo(a)pyrene	15.46	252	1056937	39.701	ng	100
91) Dibenzo(a,h)anthracene	17.02	278	912296	39.034	ng	99
92) Benzo(g,h,i)perylene	17.45	276	886530	38.033	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

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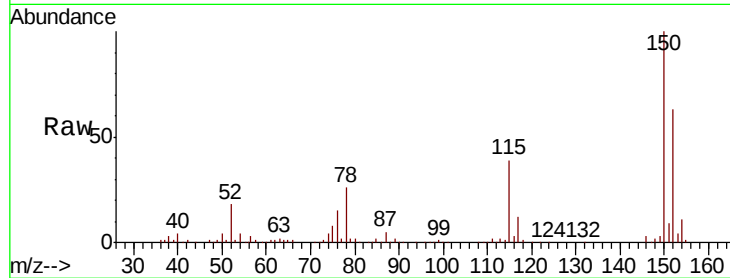
Tot Ion:152 Resp: 214845

Ion Ratio Lower Upper

152 100

150 158.4 129.7 194.5

115 61.5 48.2 72.4

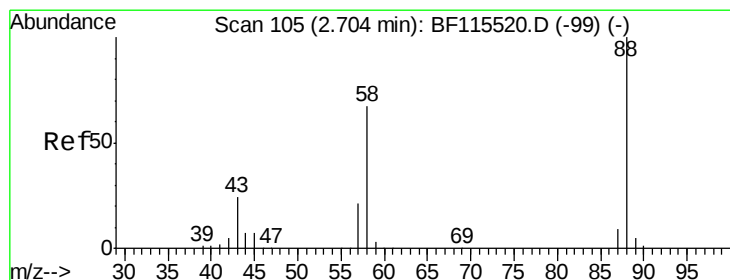
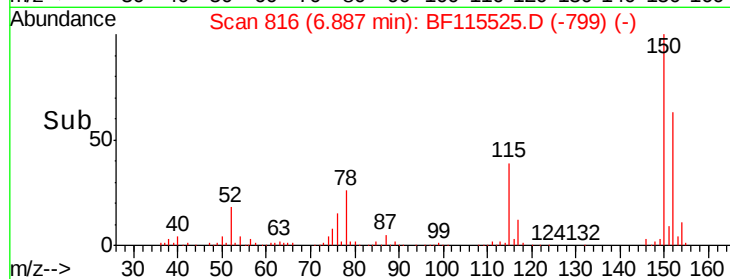
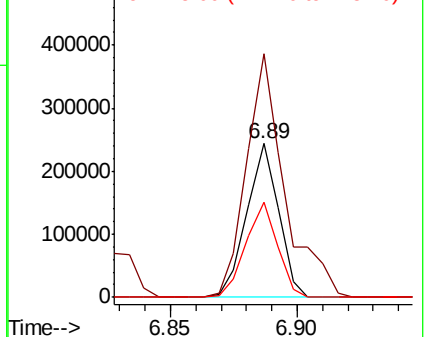


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.507 ng

RT: 2.71 min Scan# 106

Delta R.T. 0.01 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

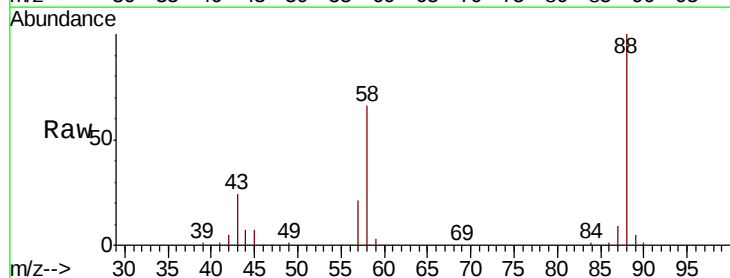
Tgt Ion: 88 Resp: 245740

Ion Ratio Lower Upper

88 100

58 65.4 52.6 79.0

43 23.8 19.1 28.7

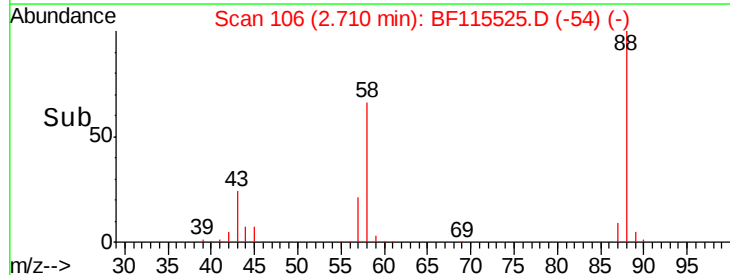
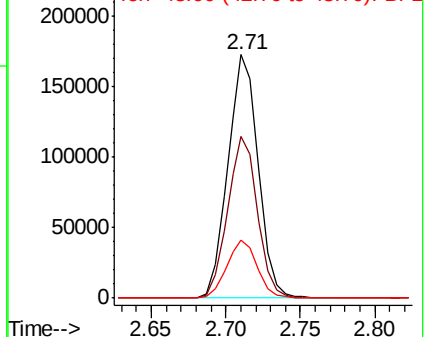


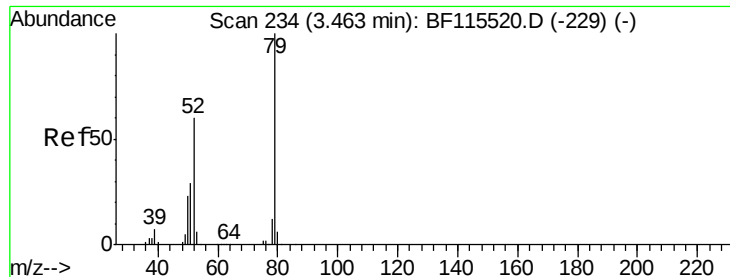
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.630 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

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ClientSampleId :

ICVBF071219

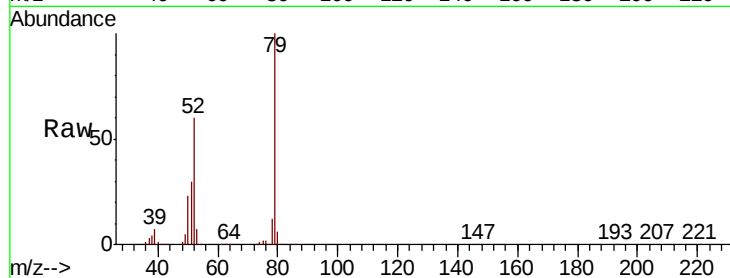
Tot Ion: 79 Resp: 686683

Ion Ratio Lower Upper

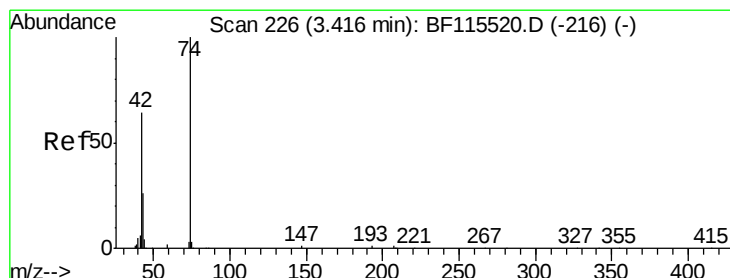
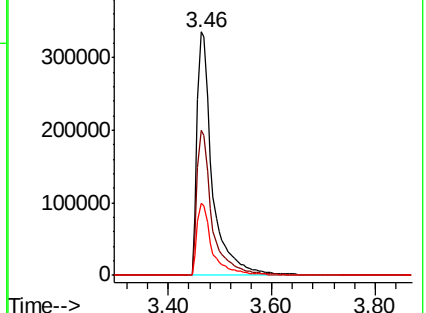
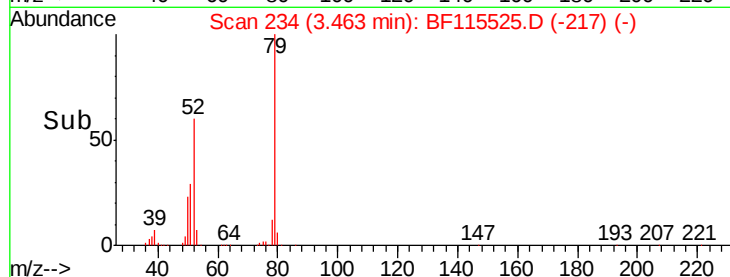
79 100

52 59.6 47.8 71.6

51 29.5 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.314 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.01 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

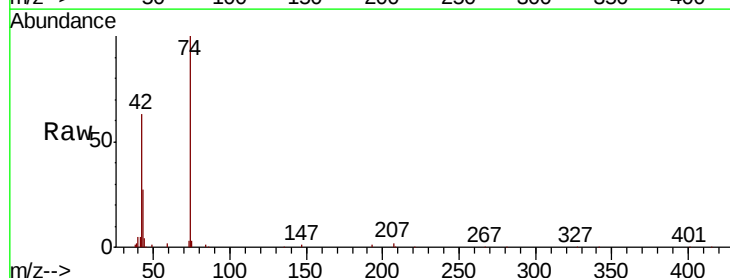
Tgt Ion: 42 Resp: 247074

Ion Ratio Lower Upper

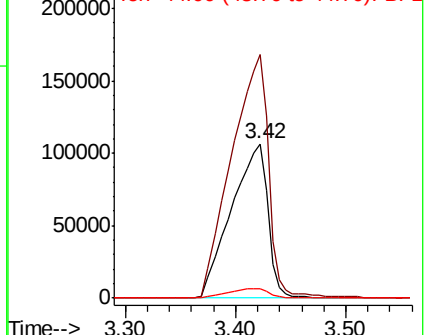
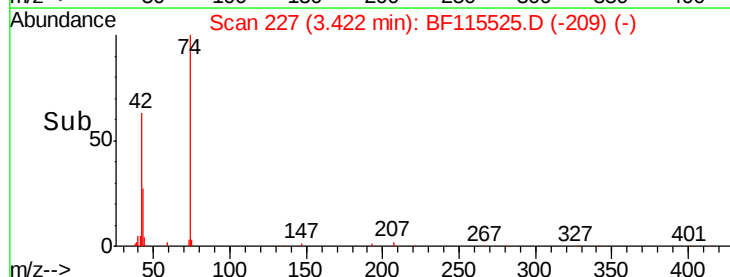
42 100

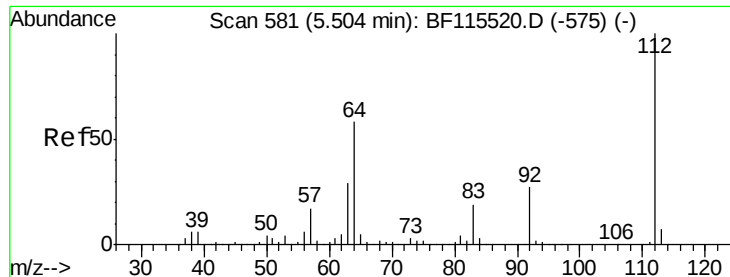
74 157.5 127.5 191.3

44 6.3 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.578 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

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ICVBF071219

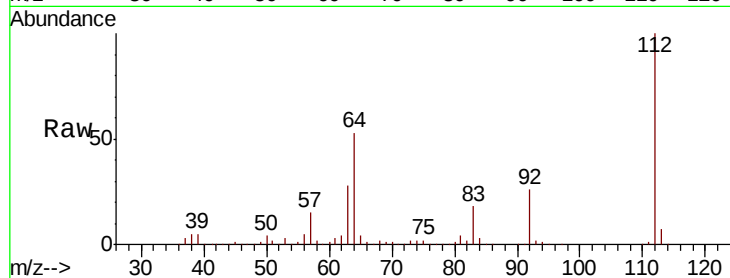
Tot Ion: 112 Resp: 1018956

Ion Ratio Lower Upper

112 100

64 53.4 46.8 70.2

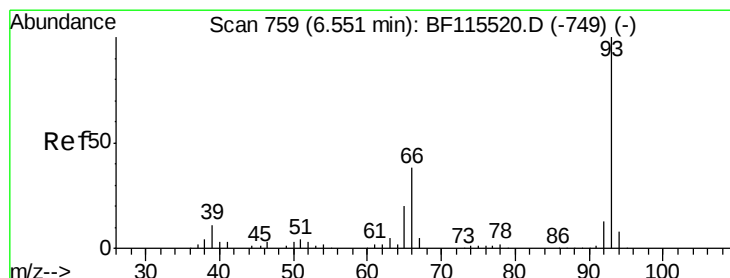
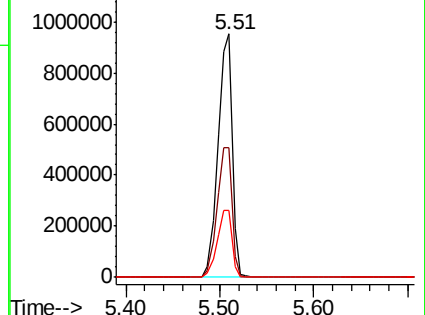
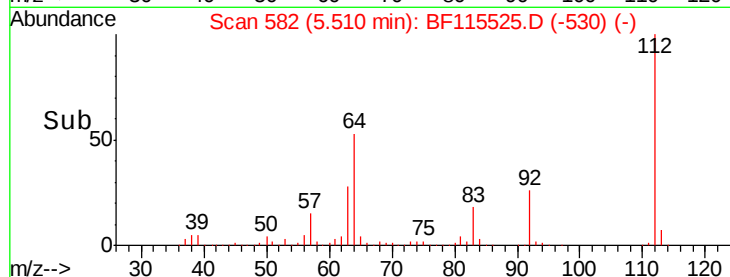
63 27.5 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.229 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

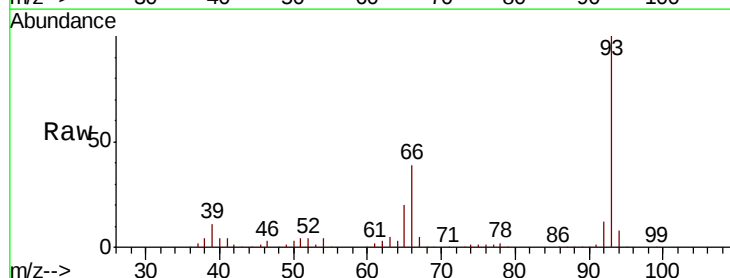
Tgt Ion: 93 Resp: 909858

Ion Ratio Lower Upper

93 100

66 38.7 31.7 47.5

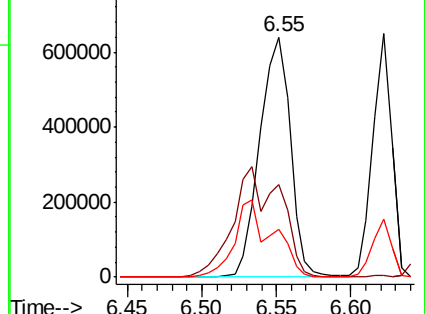
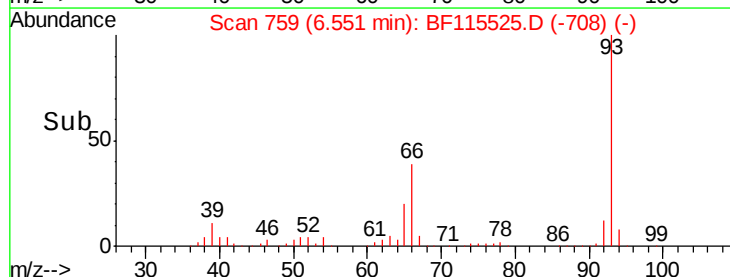
65 19.7 16.2 24.2

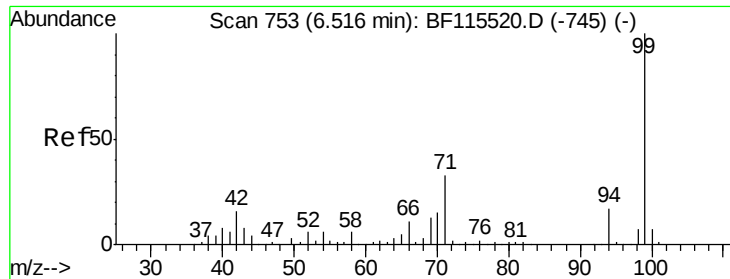


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.326 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

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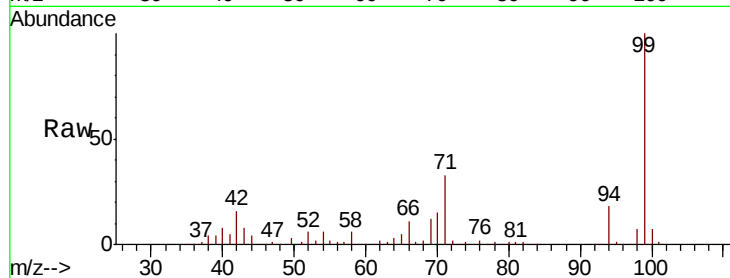
Tot Ion: 99 Resp: 1305402

Ion Ratio Lower Upper

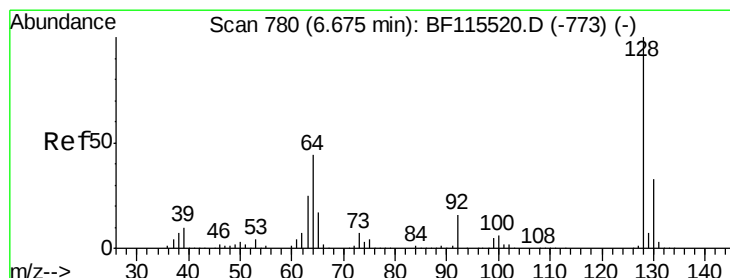
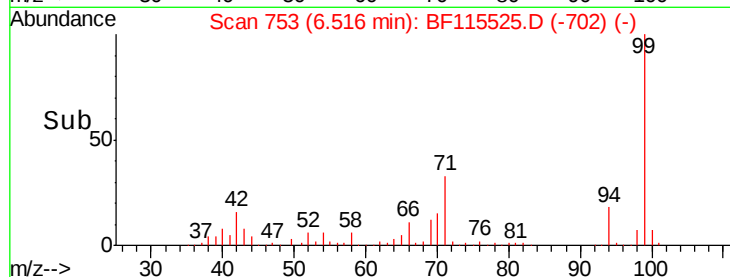
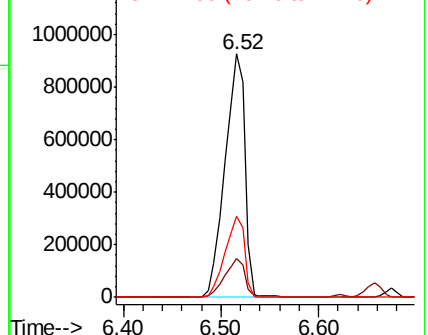
99 100

42 15.7 13.6 20.4

71 33.4 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.415 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

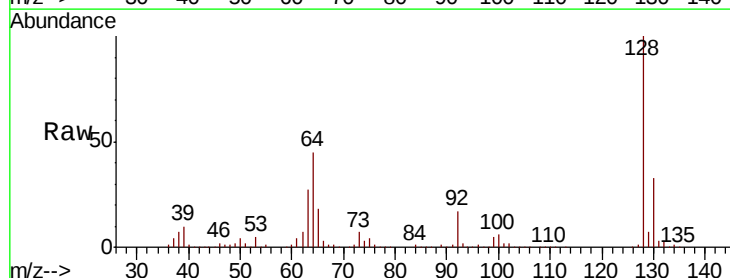
Tgt Ion:128 Resp: 595221

Ion Ratio Lower Upper

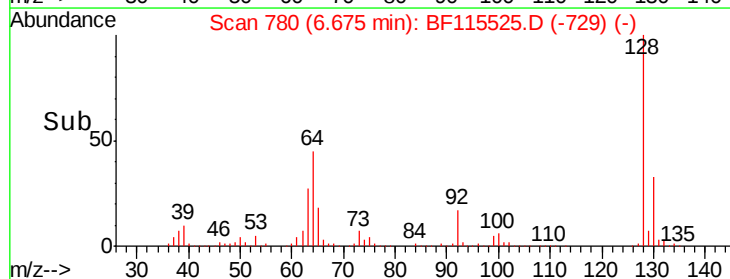
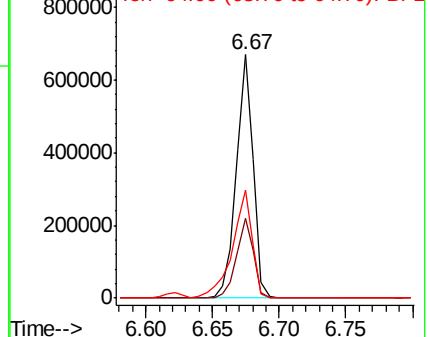
128 100

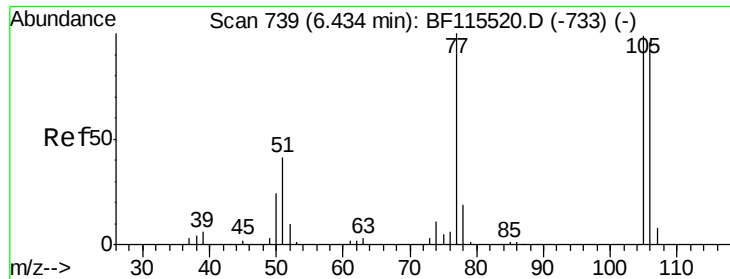
130 33.0 12.8 52.8

64 44.5 26.8 66.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

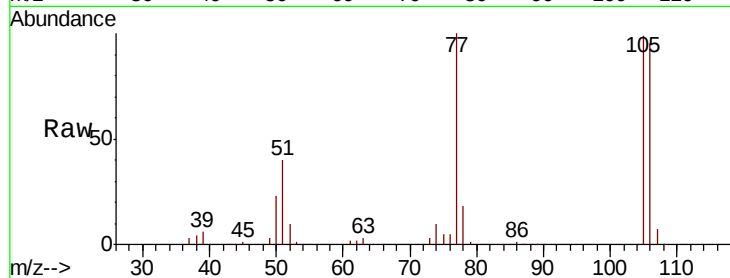




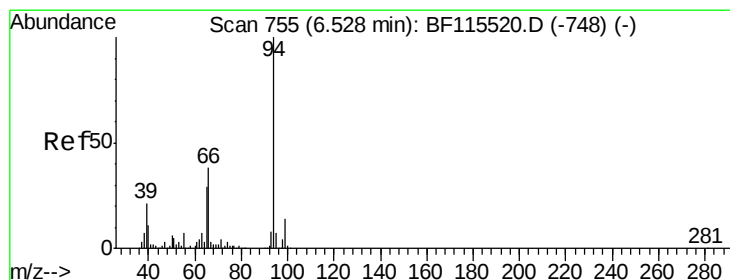
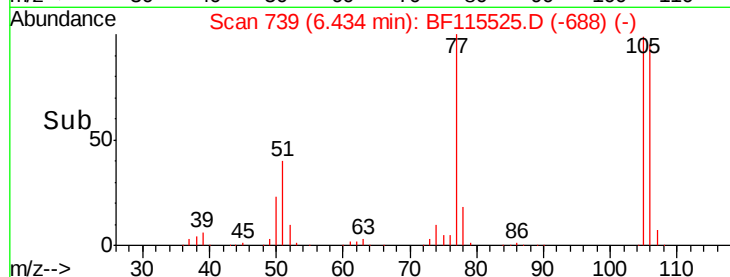
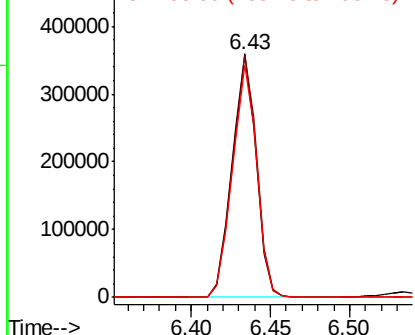
#9
Benzaldehyde
Concen: 36.322 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Instrument :
BNA_F
ClientSampleId :
ICVBF071219

Tot Ion: 77 Resp: 378291
Ion Ratio Lower Upper
77 100
105 99.4 78.8 118.8
106 95.2 75.6 115.6

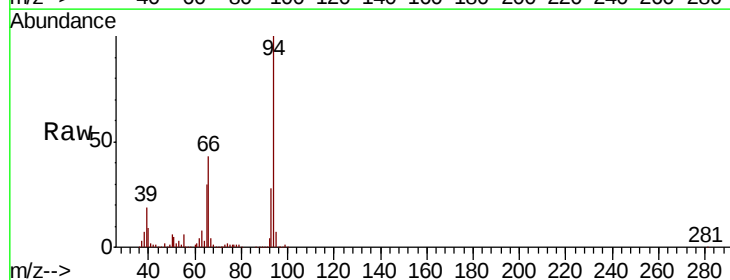


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

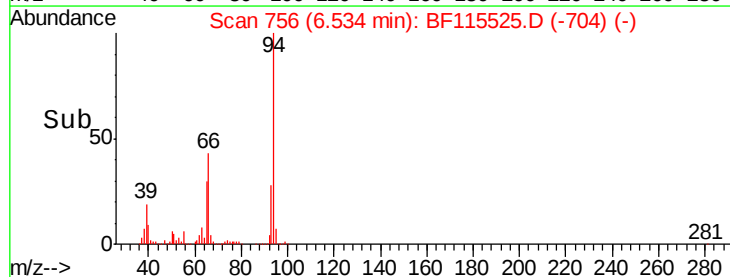
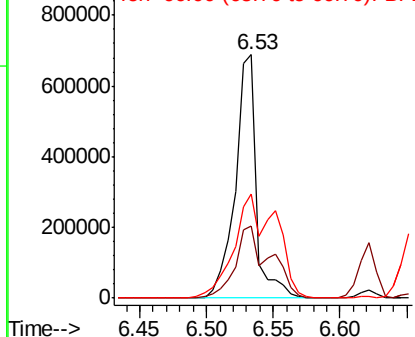


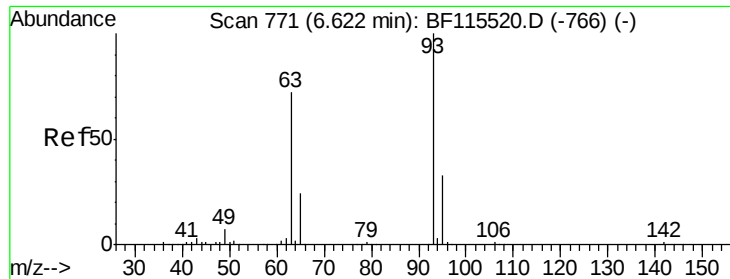
#10
Phenol
Concen: 39.737 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion: 94 Resp: 768801
Ion Ratio Lower Upper
94 100
65 29.7 14.5 54.5
66 42.7 31.3 71.3



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



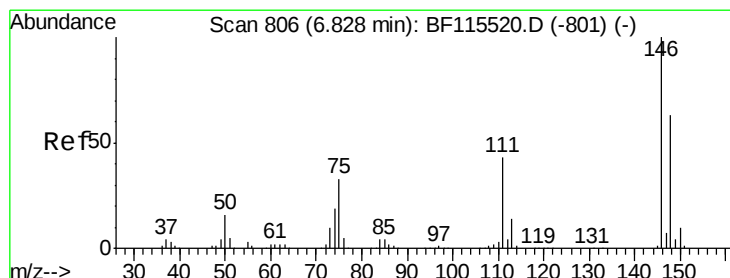
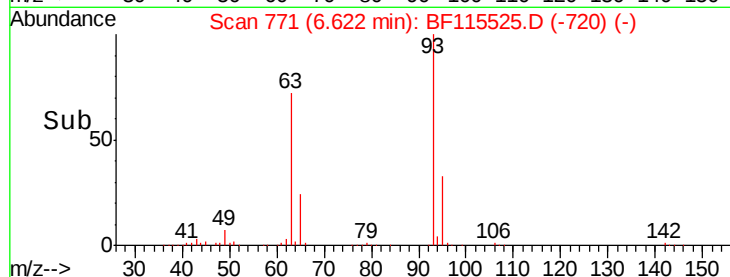
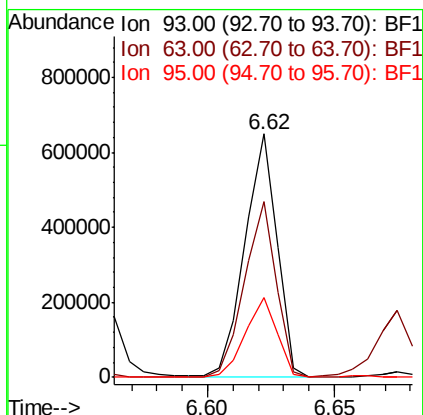
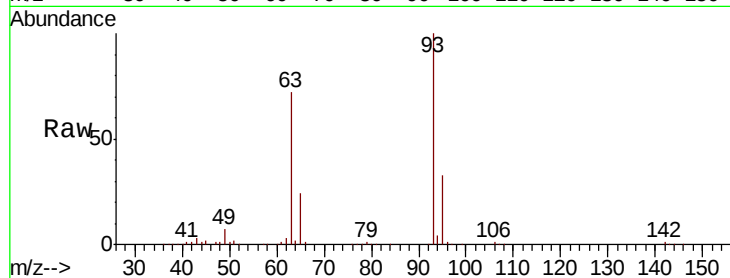


#11
bis(2-Chloroethyl)ether
Concen: 38.767 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Instrument :
BNA_F
ClientSampleId :
ICVBF071219

Tot Ion: 93 Resp: 571043

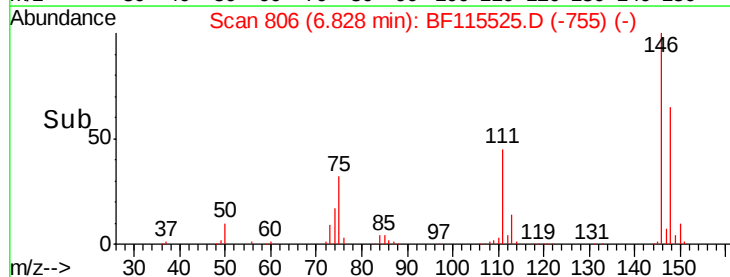
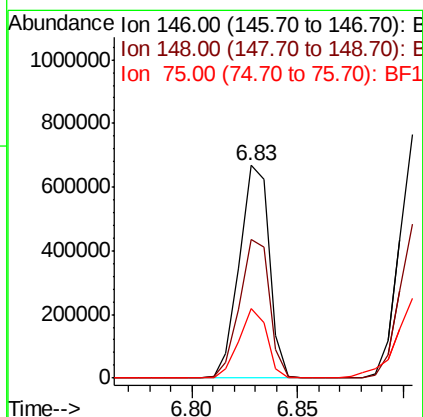
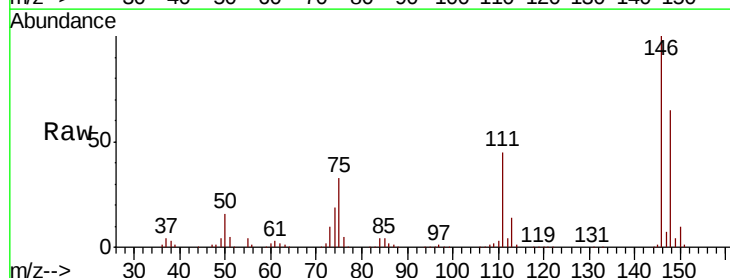
Ion	Ratio	Lower	Upper
93	100		
63	72.3	52.2	92.2
95	32.8	12.9	52.9

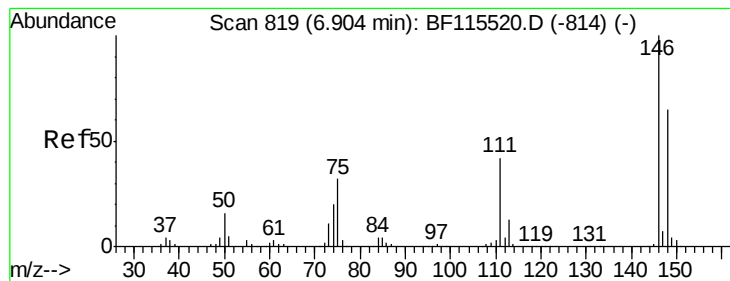


#12
1,3-Dichlorobenzene
Concen: 38.669 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion: 146 Resp: 656543

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
75	32.7	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 39.387 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

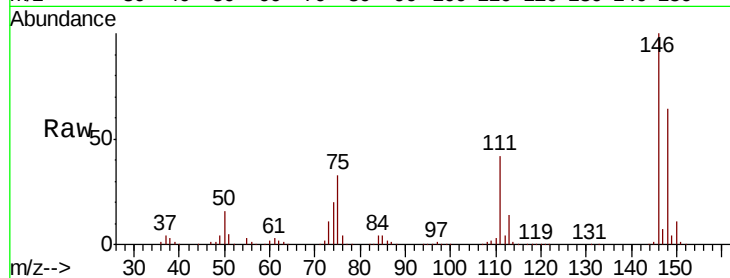
Tot Ion:146 Resp: 667230

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

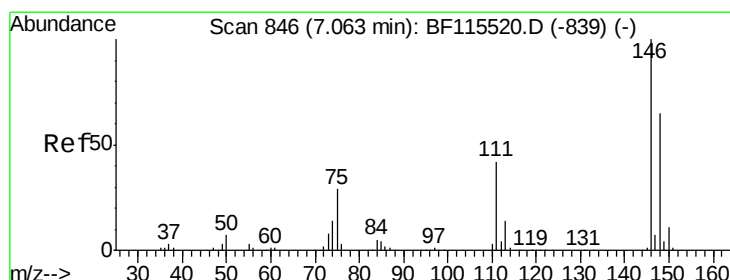
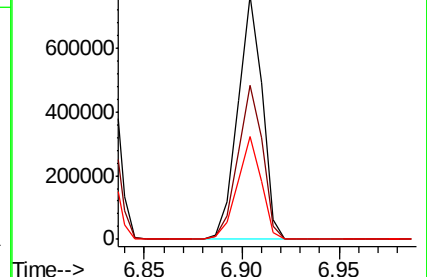
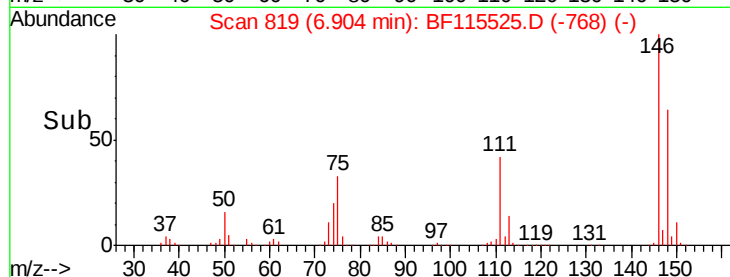
111 42.3 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.355 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

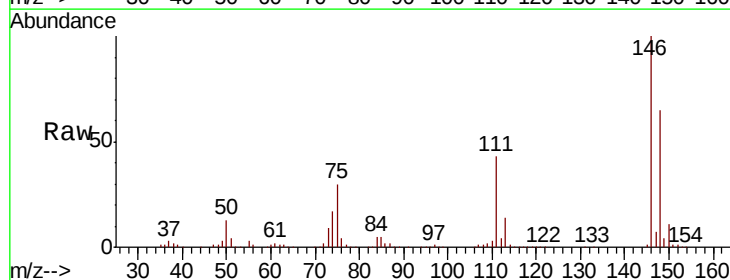
Tgt Ion:146 Resp: 609441

Ion Ratio Lower Upper

146 100

148 65.3 51.1 76.7

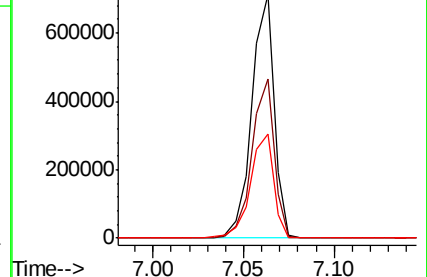
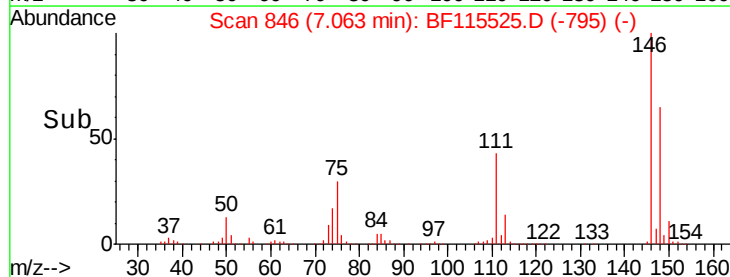
111 42.8 37.6 56.4

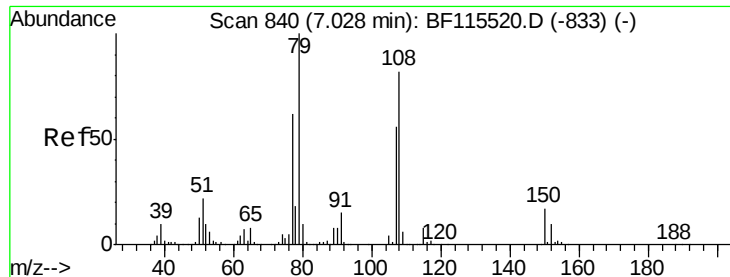


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.165 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

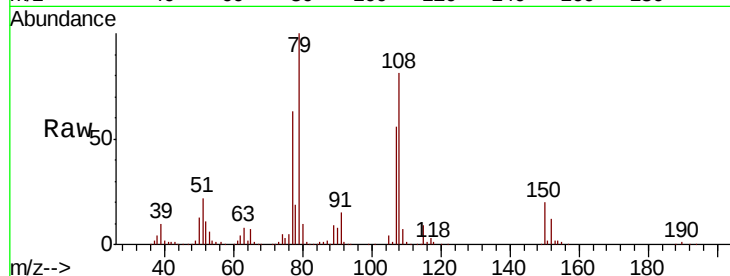
Tot Ion: 79 Resp: 531032

Ion Ratio Lower Upper

79 100

108 80.6 64.2 96.4

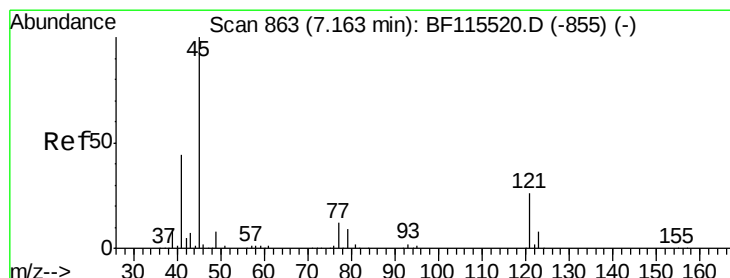
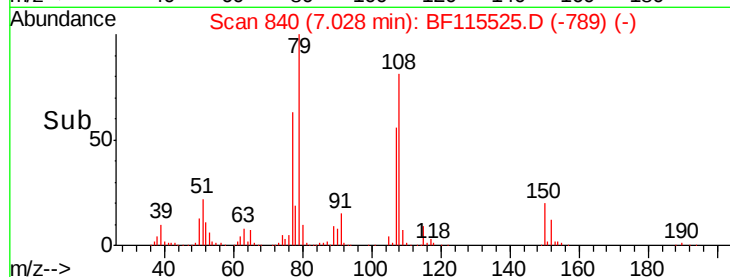
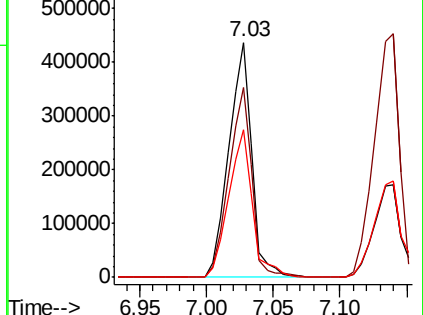
77 62.9 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.381 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

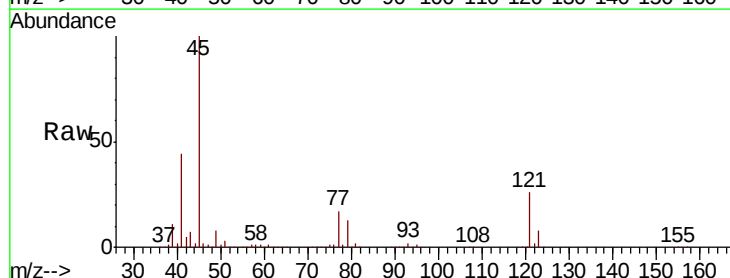
Tgt Ion: 45 Resp: 763702

Ion Ratio Lower Upper

45 100

77 16.5 0.0 38.1

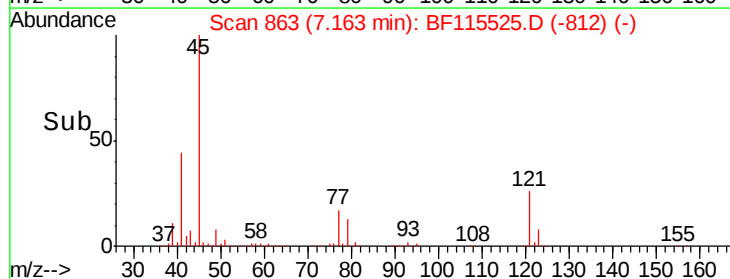
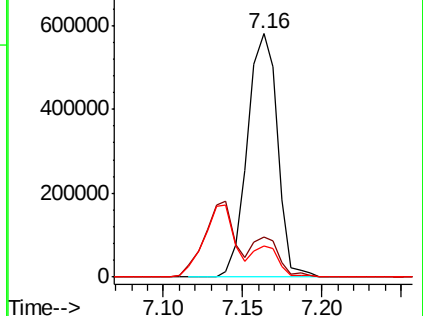
79 12.7 0.0 34.1

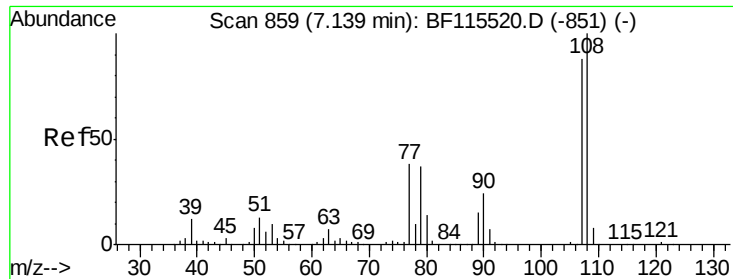


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

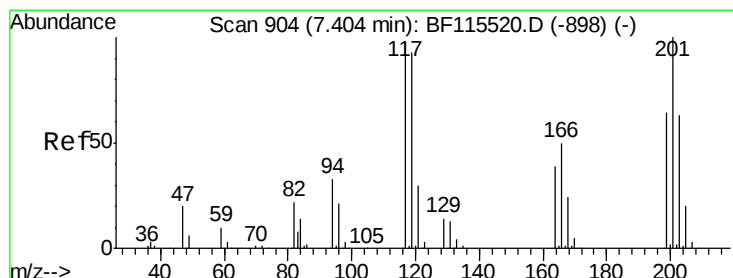
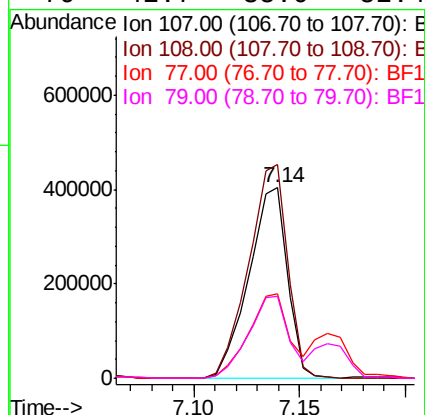
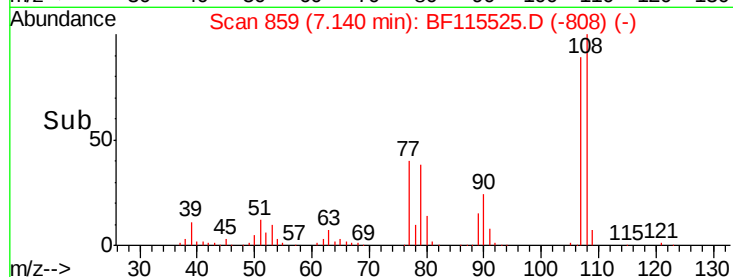
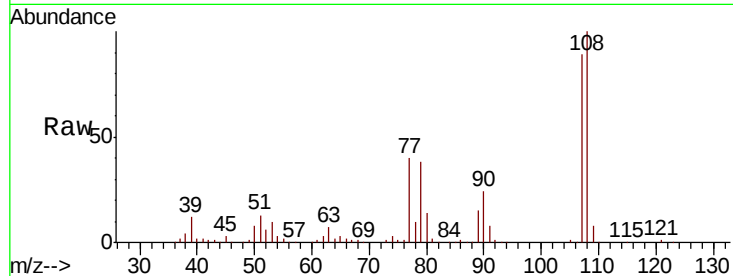




#17
2-Methylphenol
Concen: 39.385 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

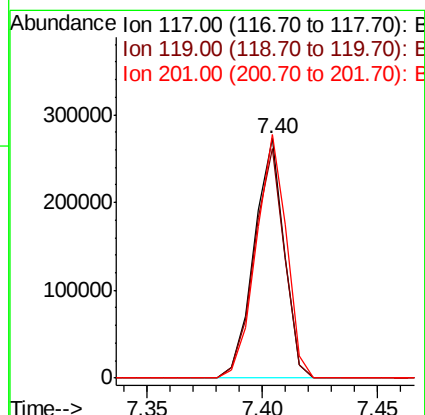
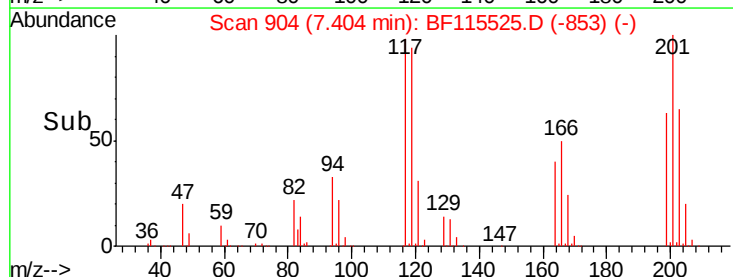
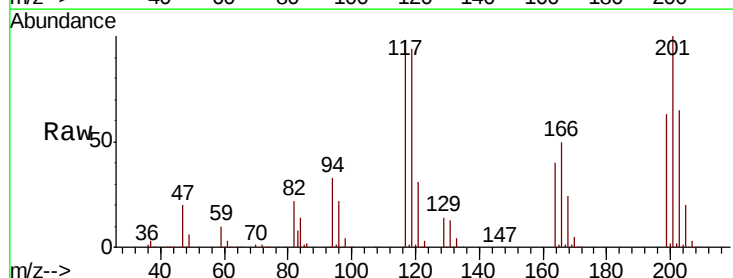
Instrument :
BNA_F
ClientSampleId :
ICVBF071219

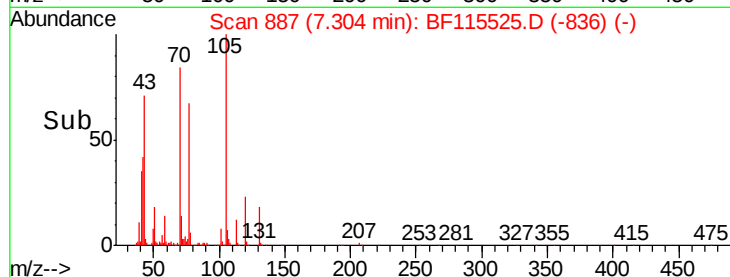
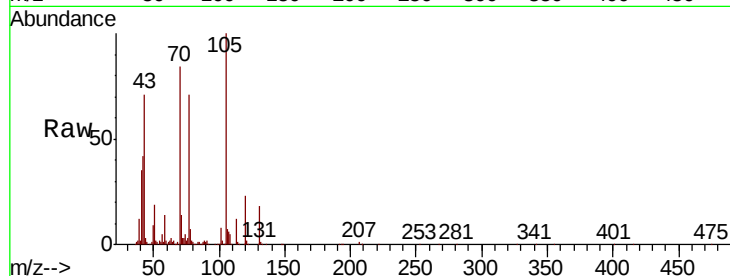
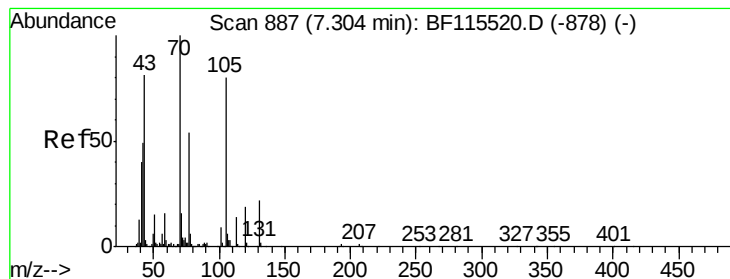
Tot Ion:	107	Resp:	512561
Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.4	134.2
77	44.5	35.7	53.5
79	42.7	35.0	52.4



#18
Hexachloroethane
Concen: 39.495 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion:	117	Resp:	248333
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.7	116.5
201	101.6	86.0	129.0





#19

n-Nitroso-di-n-propylamine

Concen: 38.760 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

Tot Ion: 70 Resp: 421308

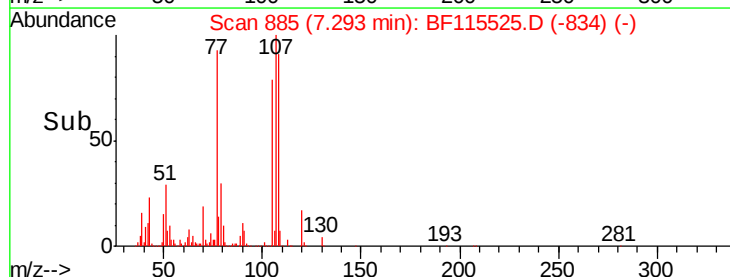
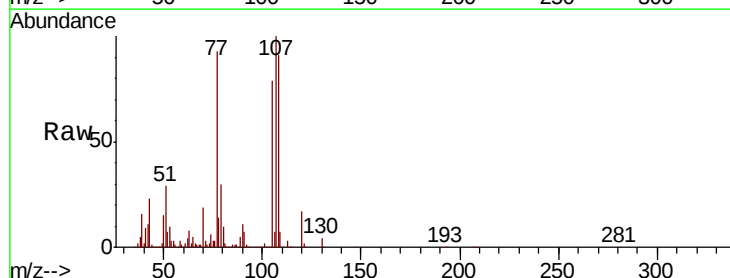
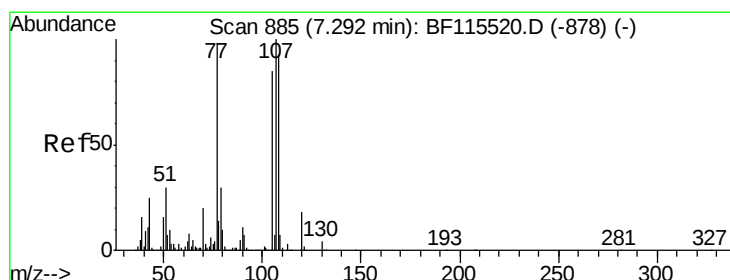
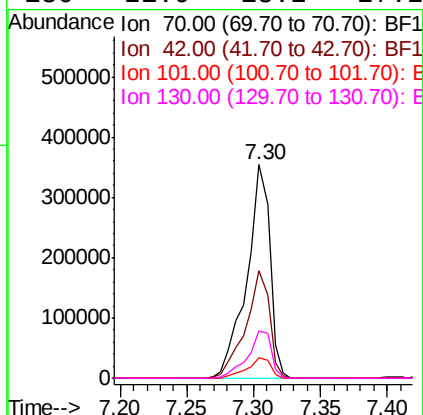
Ion Ratio Lower Upper

70 100

42 50.2 39.6 59.4

101 9.7 8.1 12.1

130 21.9 18.2 27.2



#20

3+4-Methylphenols

Concen: 38.278 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Tgt Ion: 107 Resp: 591717

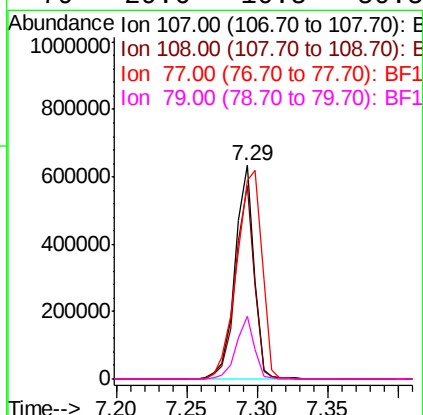
Ion Ratio Lower Upper

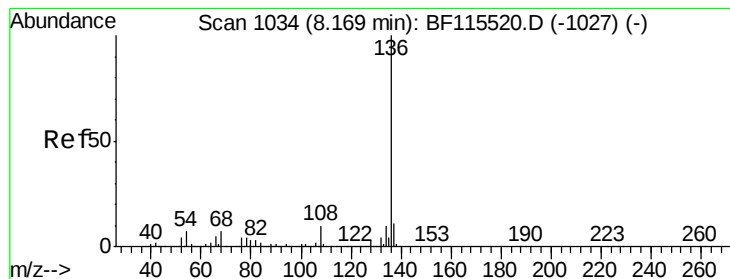
107 100

108 90.8 72.9 112.9

77 92.9 77.6 117.6

79 29.6 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

Tot Ion:136 Resp: 890656

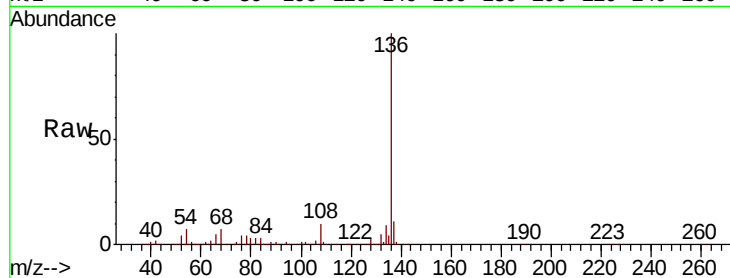
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.8 5.6 8.4

68 6.5 5.0 7.6

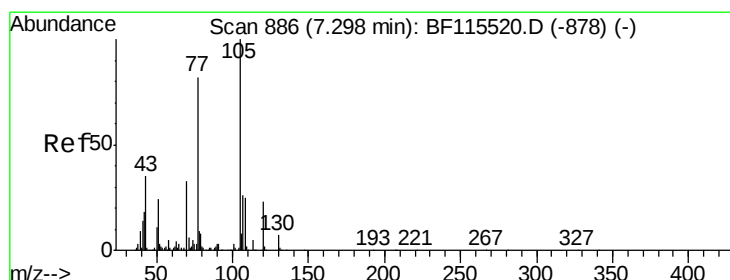
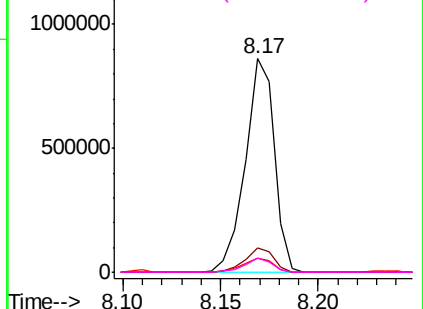
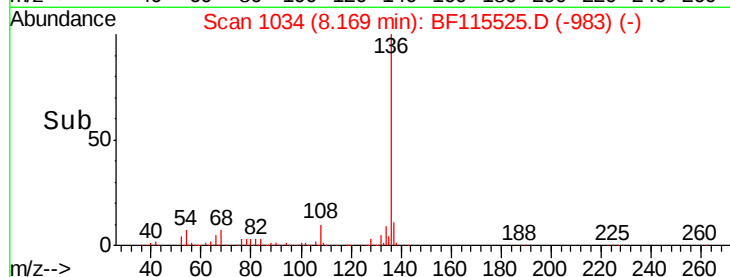


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.970 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Tgt Ion:105 Resp: 784118

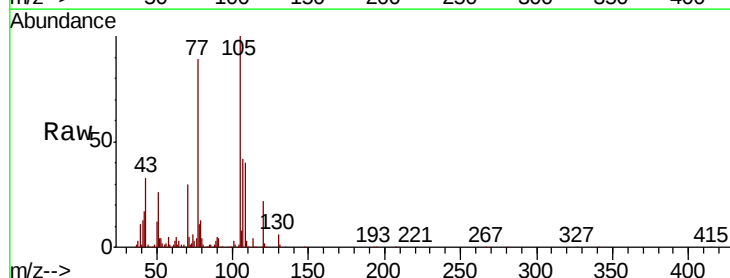
Ion Ratio Lower Upper

105 100

71 5.1 3.5 5.3

51 26.4 25.6 38.4

120 22.2 17.9 26.9

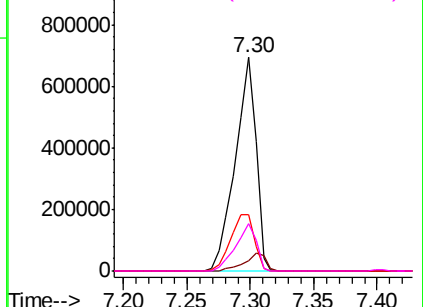
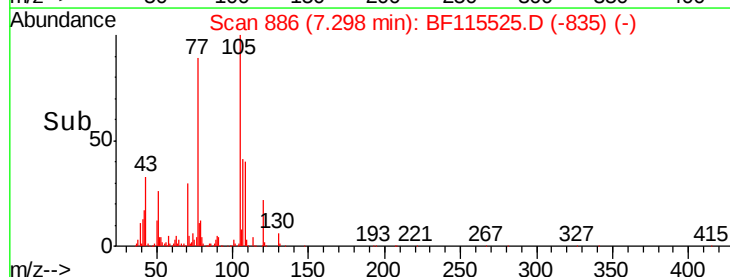


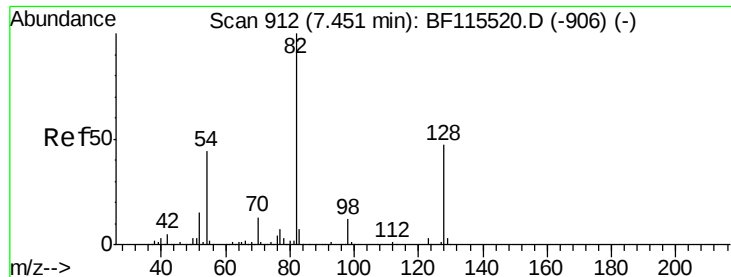
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

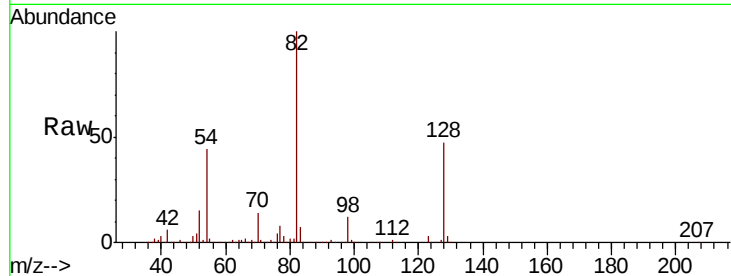




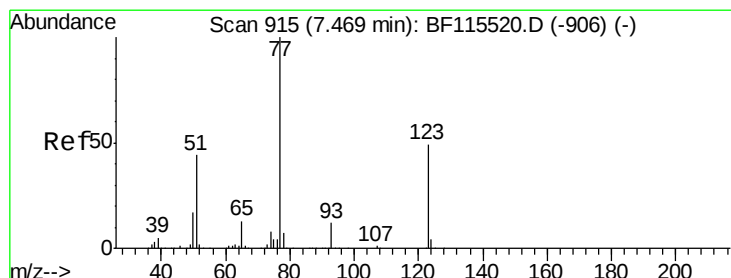
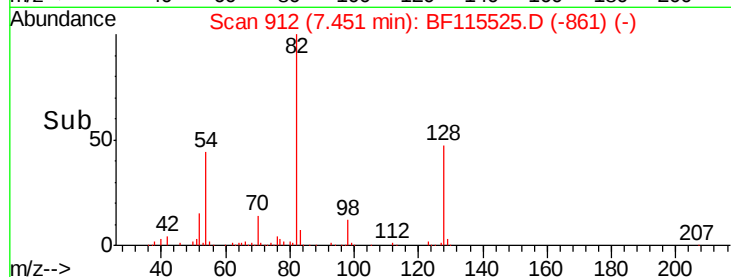
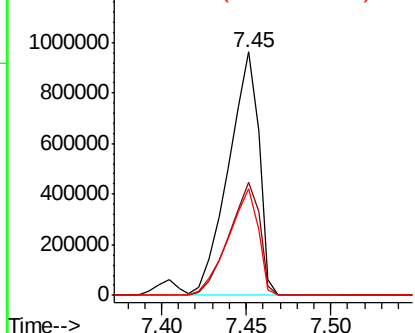
#23
 Nitrobenzene-d5
 Concen: 78.641 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071219

Tot Ion: 82 Resp: 1204584
 Ion Ratio Lower Upper
 82 100
 128 46.7 38.6 57.8
 54 43.7 35.6 53.4

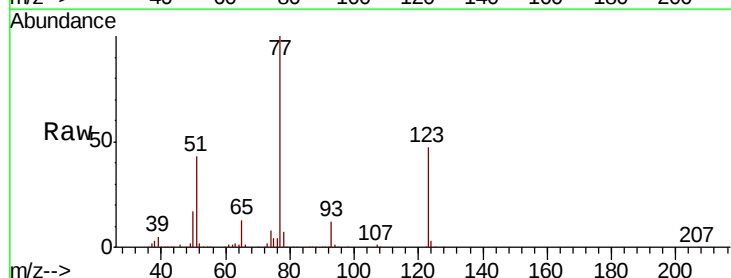


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

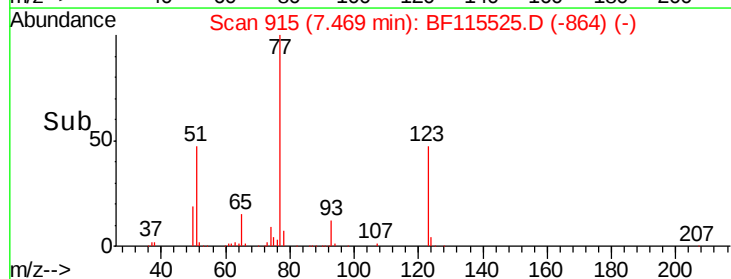
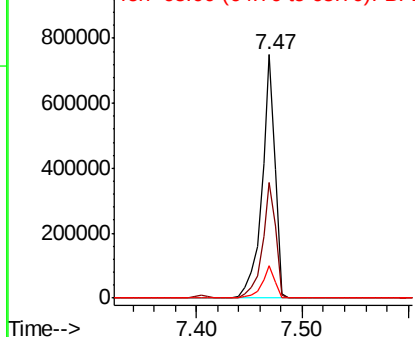


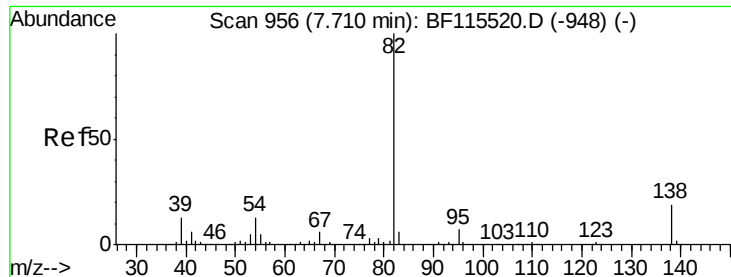
#24
 Nitrobenzene
 Concen: 39.757 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Tgt Ion: 77 Resp: 656837
 Ion Ratio Lower Upper
 77 100
 123 47.3 40.0 60.0
 65 13.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.543 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

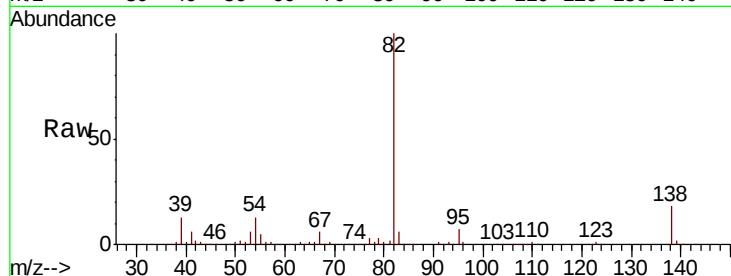
Tot Ion: 82 Resp: 1181357

Ion Ratio Lower Upper

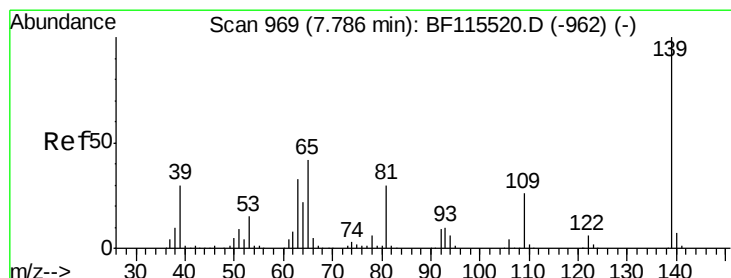
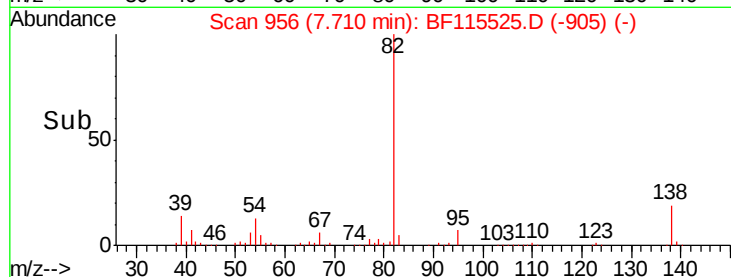
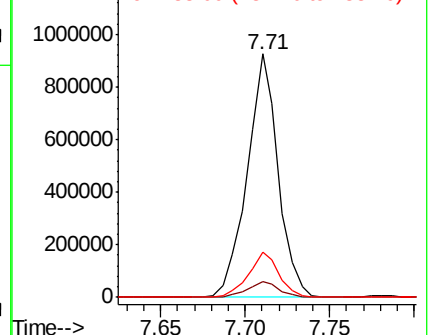
82 100

95 6.6 5.5 8.3

138 18.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.185 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

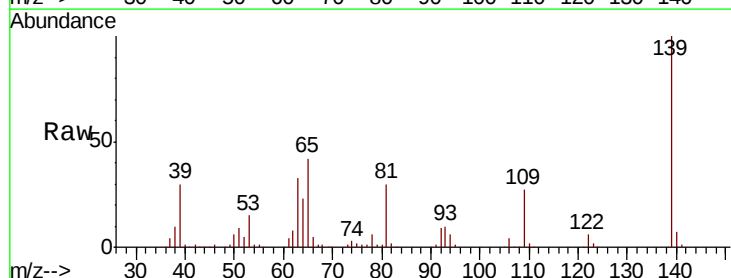
Tgt Ion: 139 Resp: 341722

Ion Ratio Lower Upper

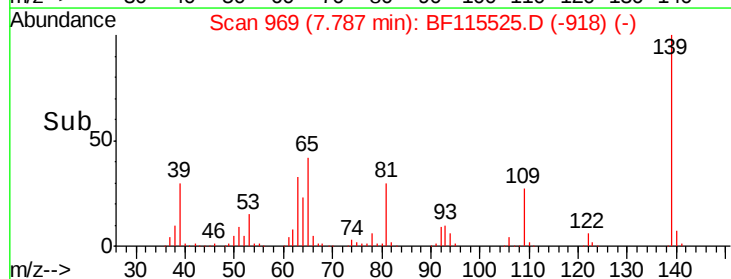
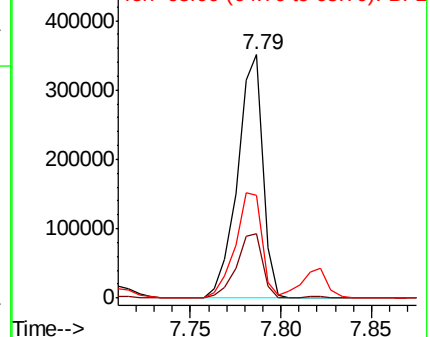
139 100

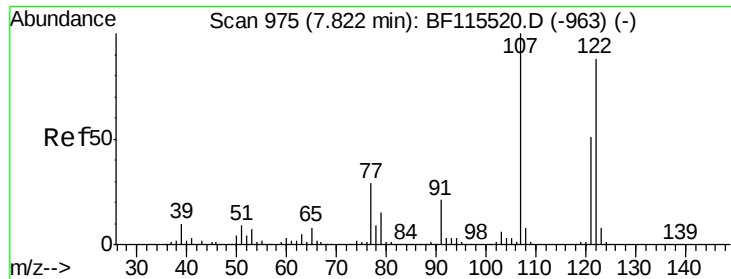
109 26.6 23.3 34.9

65 42.5 37.9 56.9



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

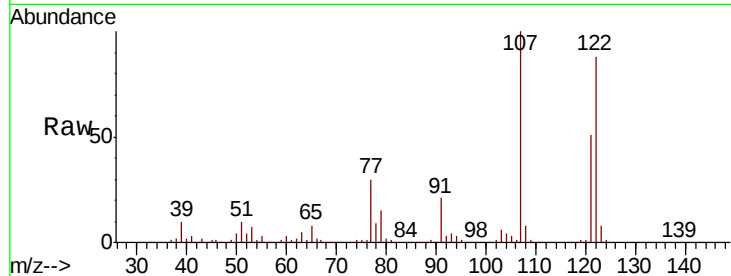




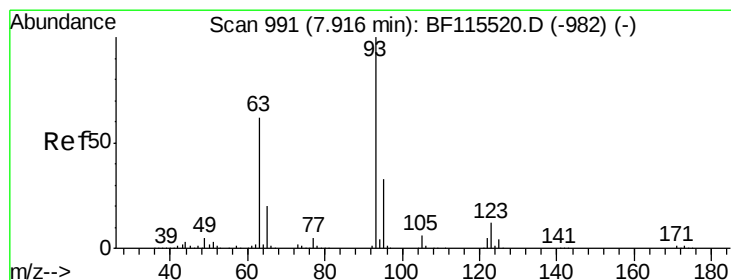
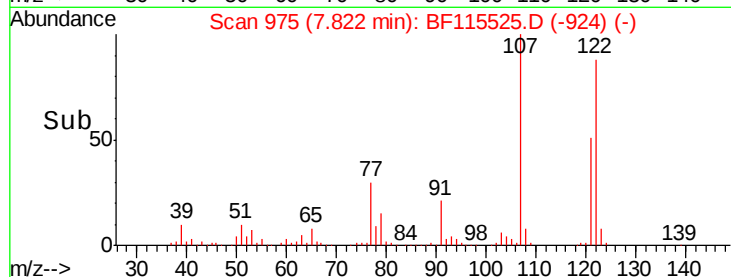
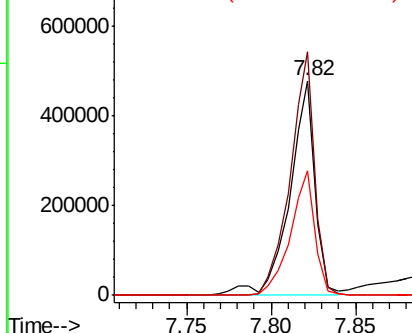
#27
2,4-Dimethylphenol
Concen: 39.431 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Instrument :
BNA_F
ClientSampleId :
ICVBF071219

Tot Ion:122 Resp: 501706
Ion Ratio Lower Upper
122 100
107 113.5 92.9 139.3
121 58.2 46.9 70.3

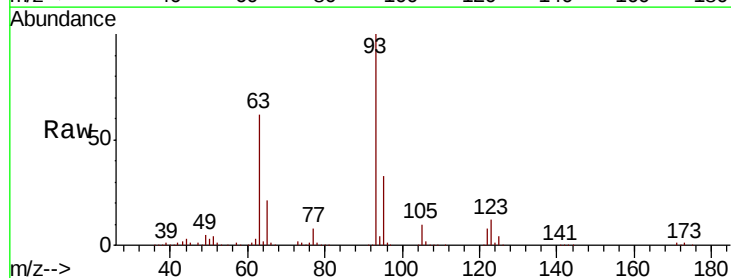


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

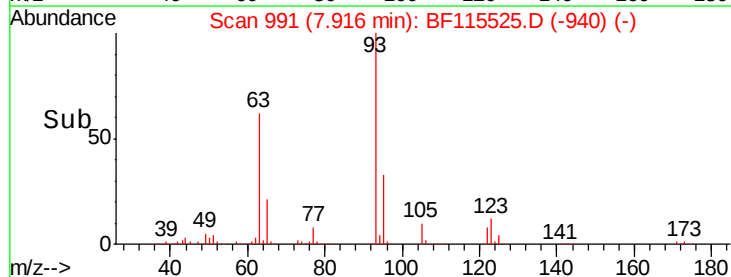
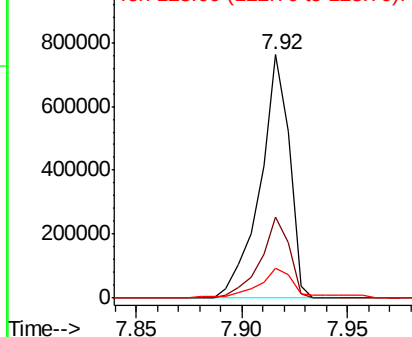


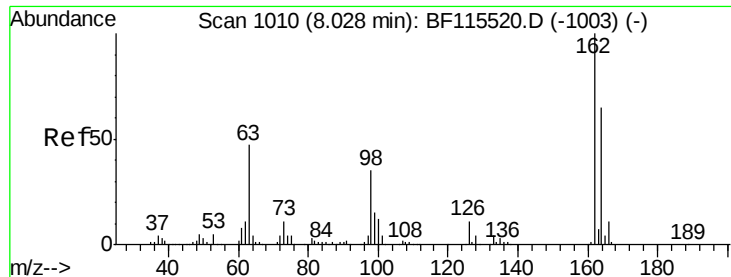
#28
bis(2-Chloroethoxy)methane
Concen: 39.120 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion: 93 Resp: 735585
Ion Ratio Lower Upper
93 100
95 33.3 27.0 40.4
123 12.1 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

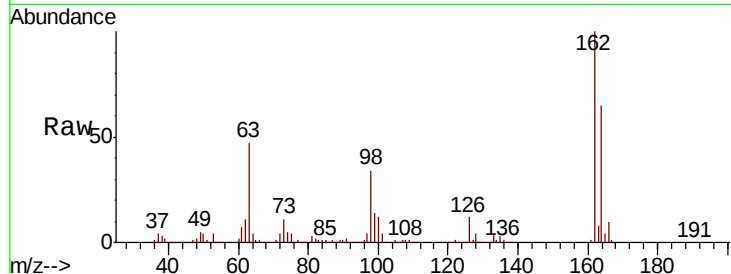




#29
2,4-Dichlorophenol
Concen: 39.333 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Instrument :
BNA_F
ClientSampleId :
ICVBF071219

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.9	84.9
98	33.9	17.7	57.7

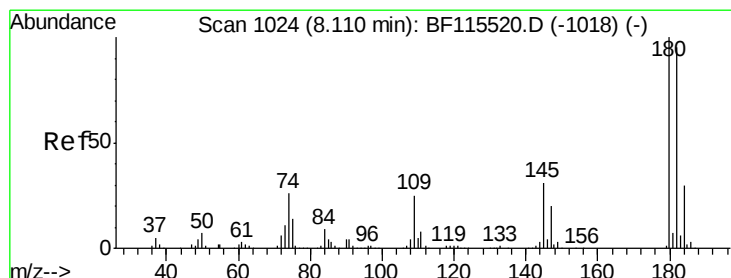
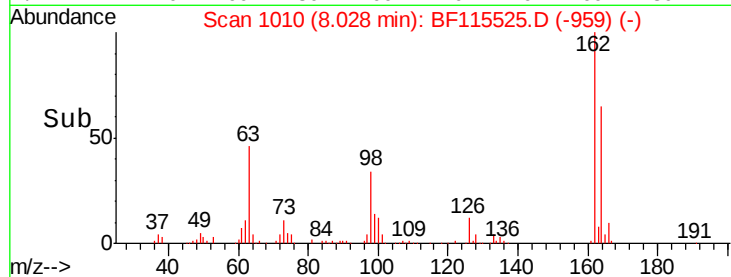
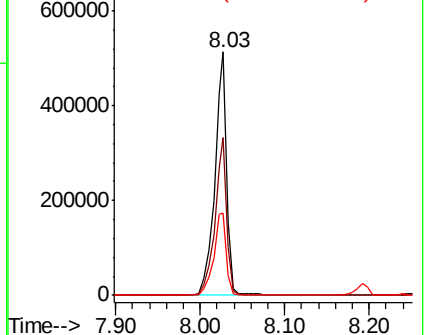


Abundance

Ion 162.00 (161.70 to 162.70): E

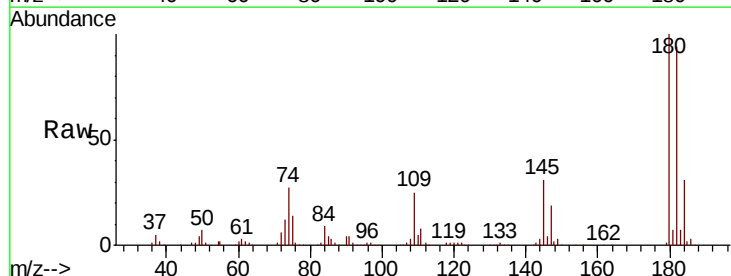
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.903 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.0	112.6
145	30.6	25.1	37.7

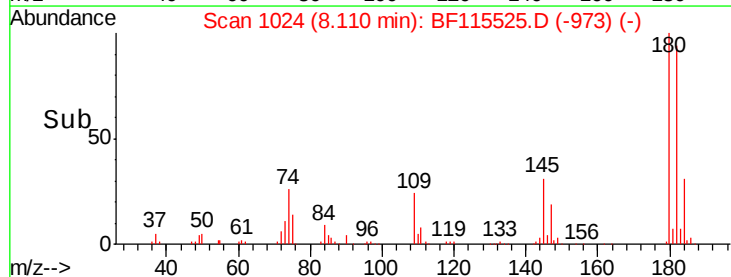
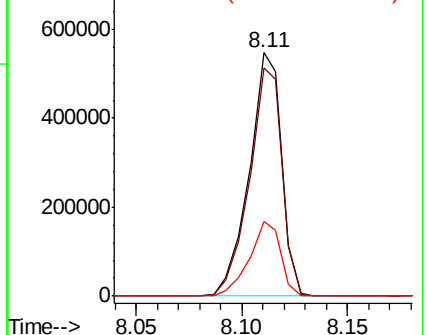


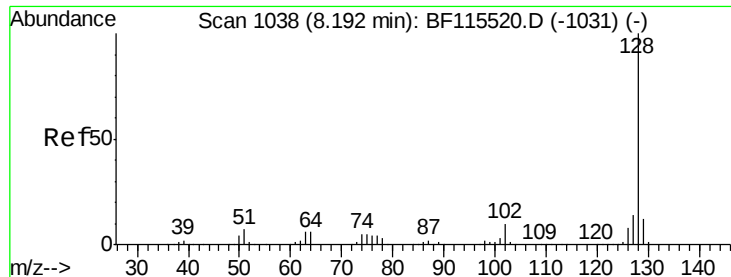
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

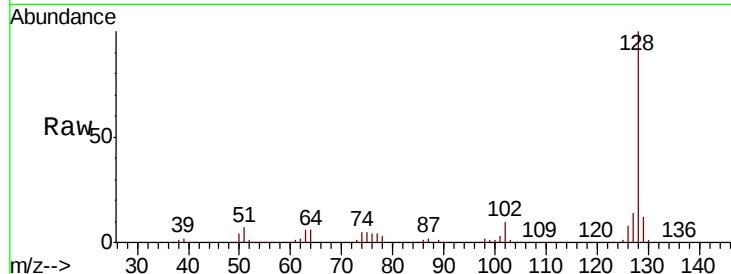




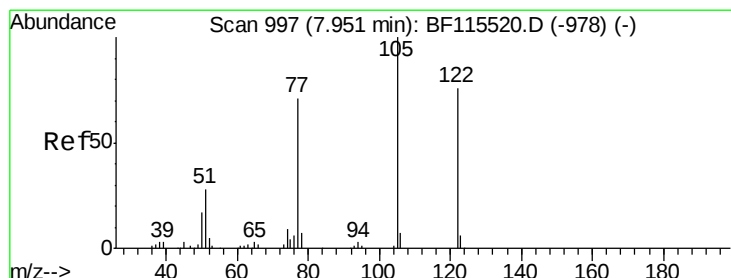
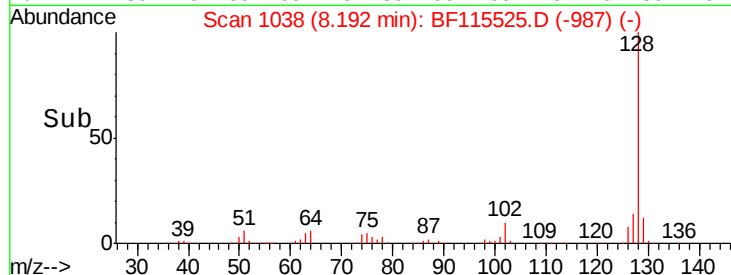
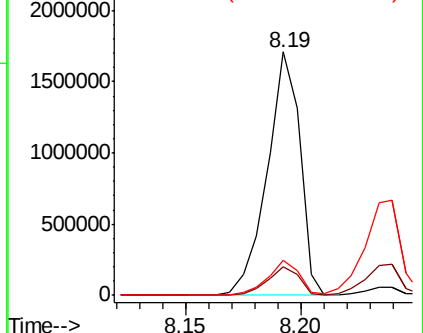
#31
Naphthalene
Concen: 39.016 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Instrument :
BNA_F
ClientSampleId :
ICVBF071219

Tot Ion:128 Resp: 1682925
Ion Ratio Lower Upper
128 100
129 11.9 9.9 14.9
127 14.2 12.1 18.1

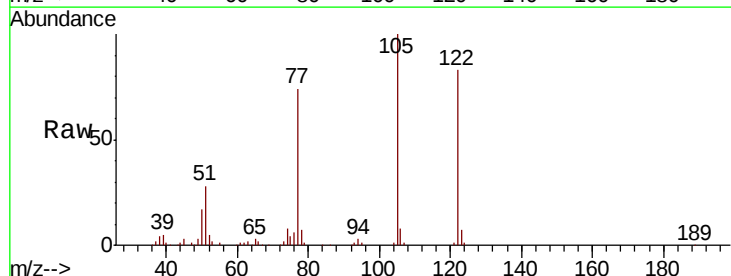


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

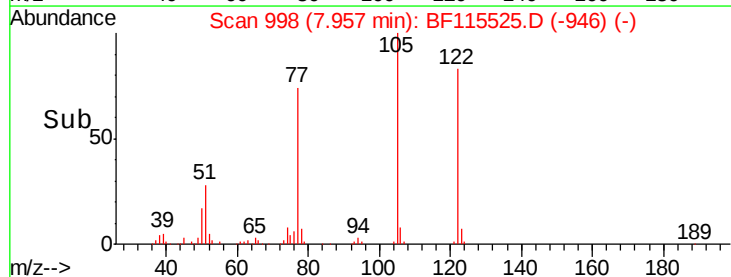
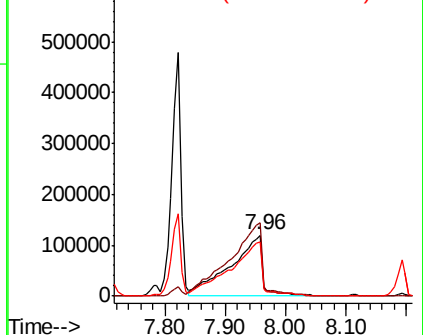


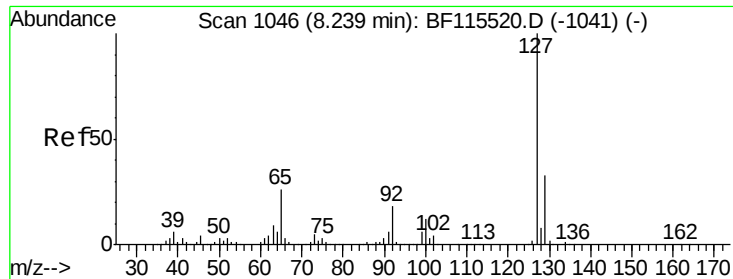
#32
Benzoic acid
Concen: 41.893 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion:122 Resp: 437444
Ion Ratio Lower Upper
122 100
105 120.3 102.5 142.5
77 89.2 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

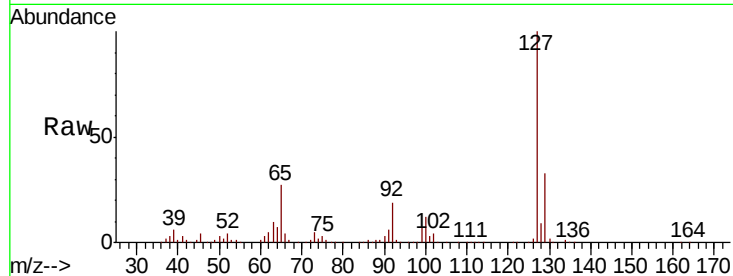




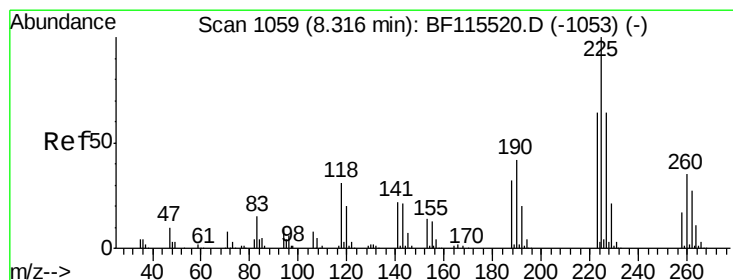
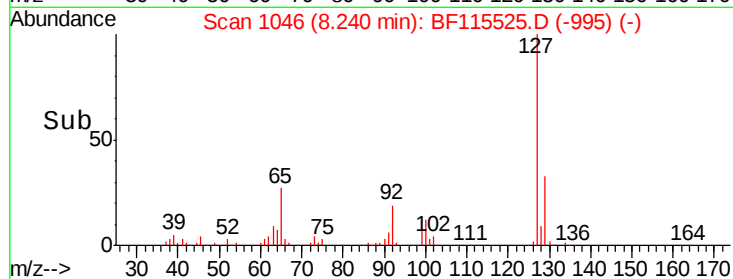
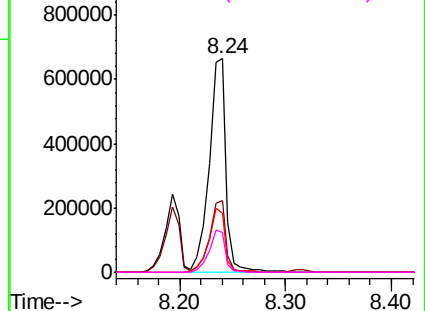
#33
4-Chloroaniline
Concen: 38.551 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Instrument :
BNA_F
ClientSampleId :
ICVBF071219

Tot Ion:	127	Resp:	736572
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	39.8
65	27.4	23.7	35.5
92	18.7	15.8	23.8

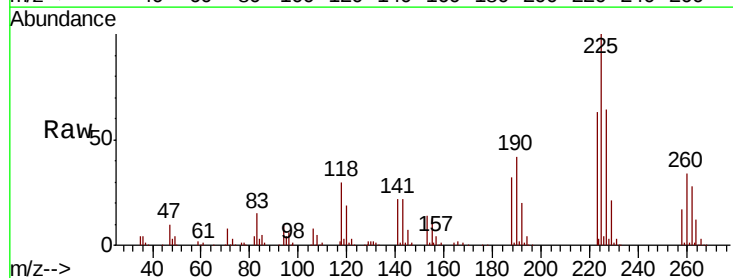


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

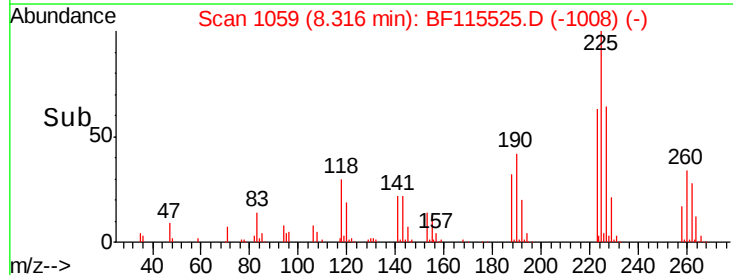
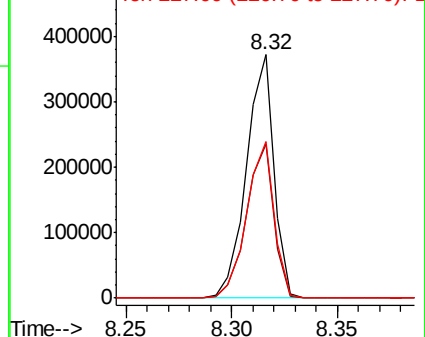


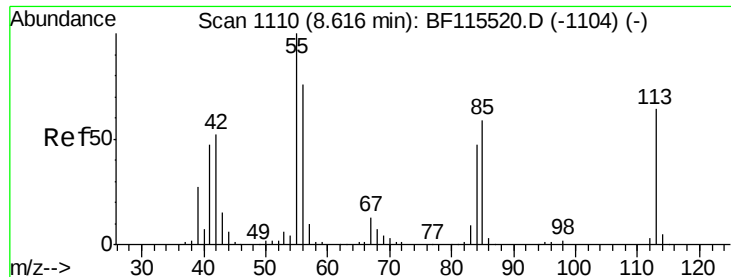
#34
Hexachlorobutadiene
Concen: 39.041 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion:	225	Resp:	334875
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.9	76.3
227	64.4	50.7	76.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.828 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

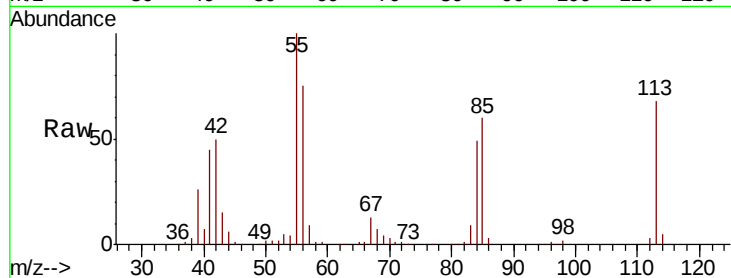
Tot Ion:113 Resp: 158767

Ion Ratio Lower Upper

113 100

55 146.6 126.9 166.9

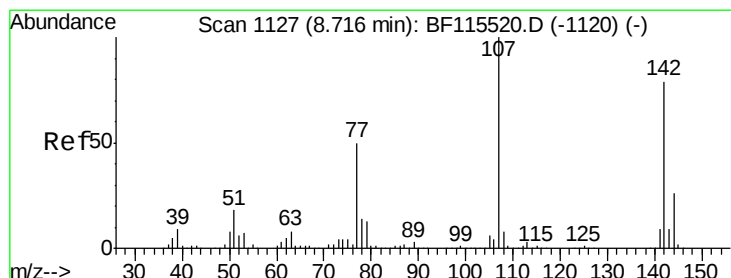
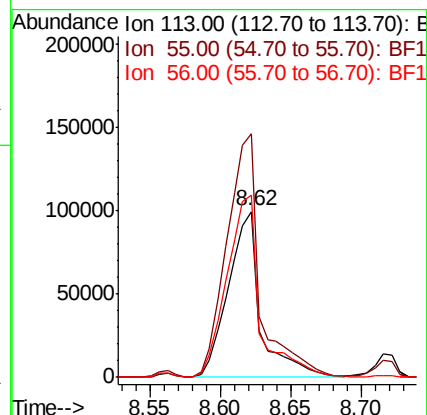
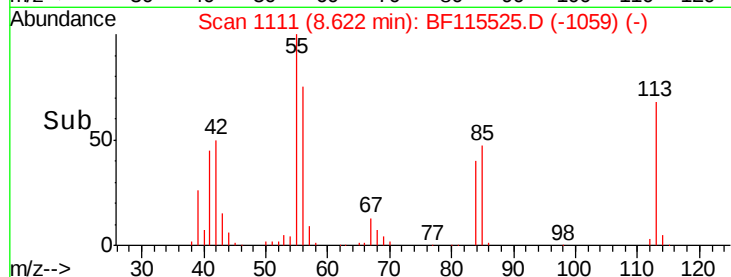
56 110.0 90.3 130.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.646 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

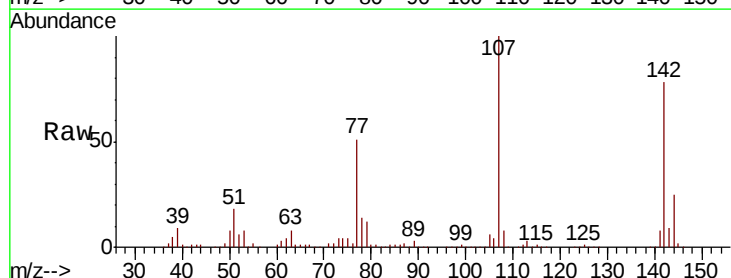
Tgt Ion:107 Resp: 530463

Ion Ratio Lower Upper

107 100

144 25.4 20.6 30.8

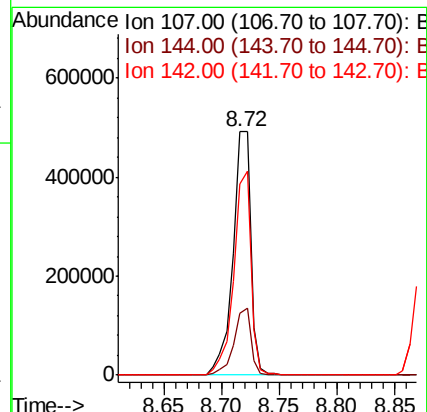
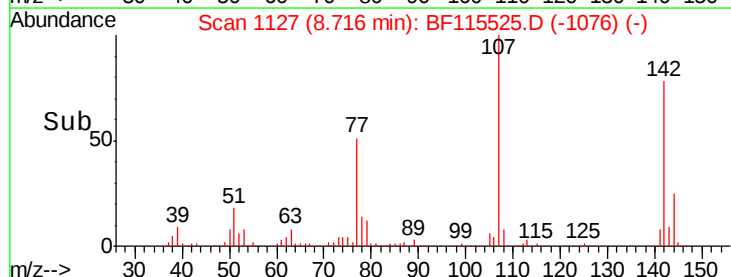
142 78.3 63.1 94.7

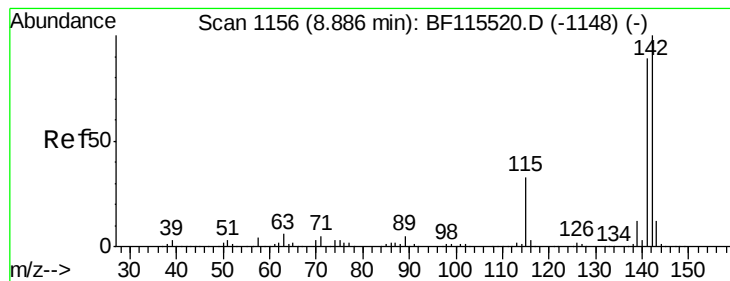


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.653 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

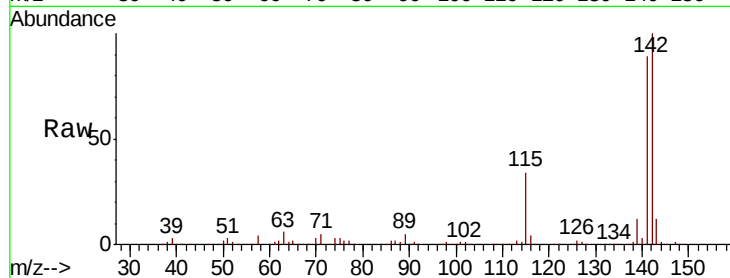
Tot Ion:142 Resp: 1105185

Ion Ratio Lower Upper

142 100

141 89.4 72.0 108.0

115 33.9 29.9 44.9

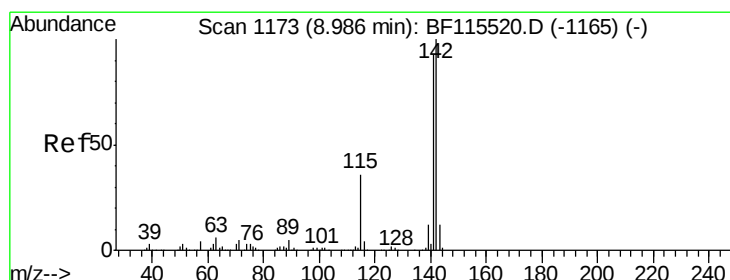
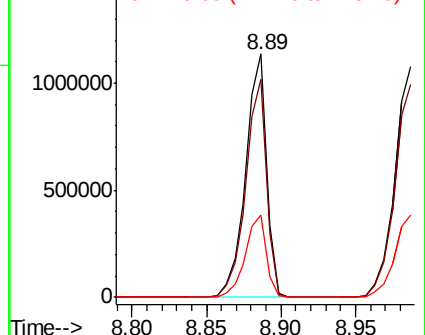
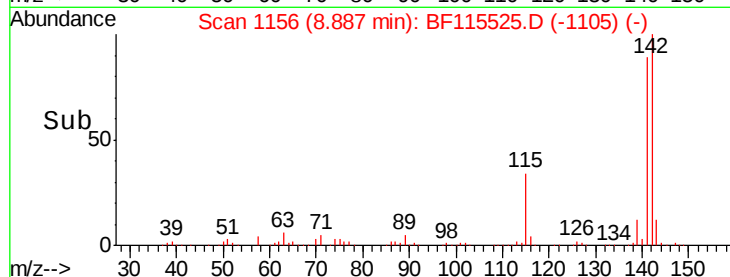


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.975 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

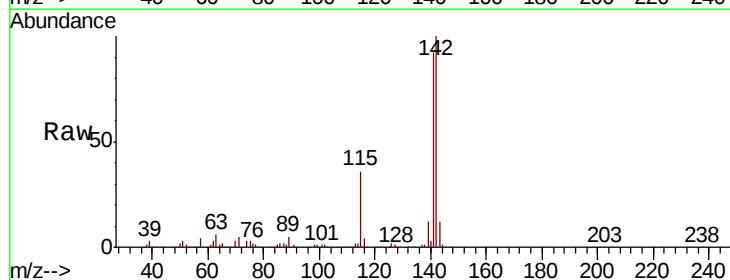
Tgt Ion:142 Resp: 1058490

Ion Ratio Lower Upper

142 100

141 92.2 75.3 112.9

116 3.7 3.3 4.9

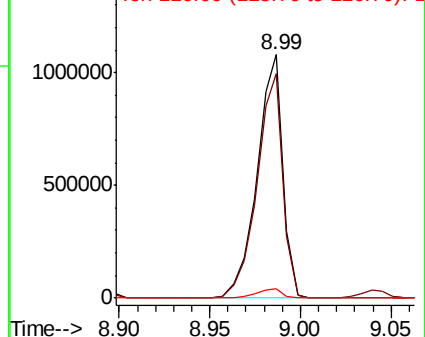
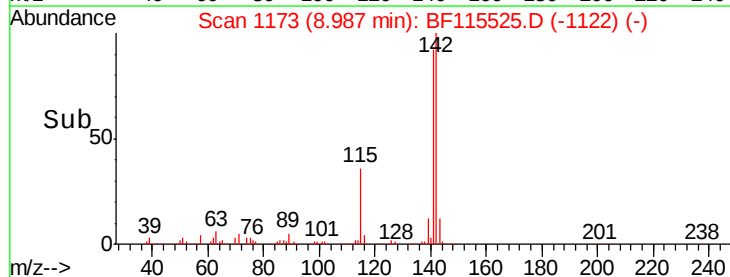


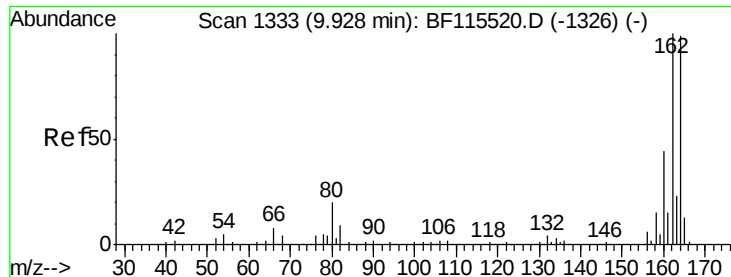
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

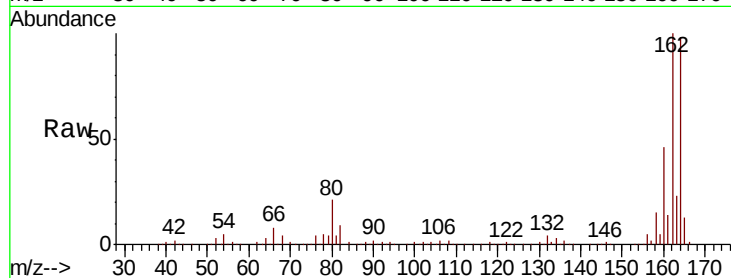
Tot Ion:164 Resp: 426271

Ion Ratio Lower Upper

164 100

162 102.2 82.9 124.3

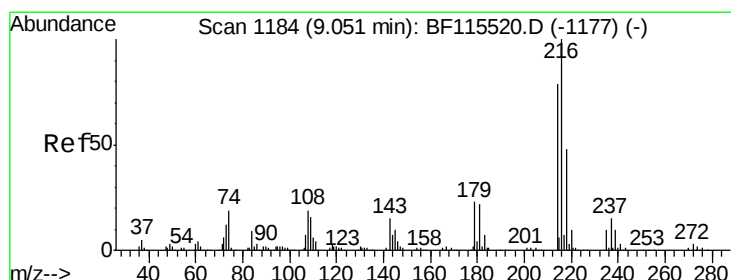
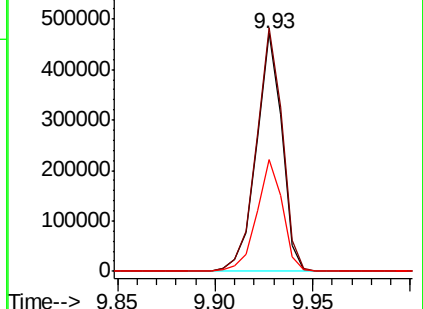
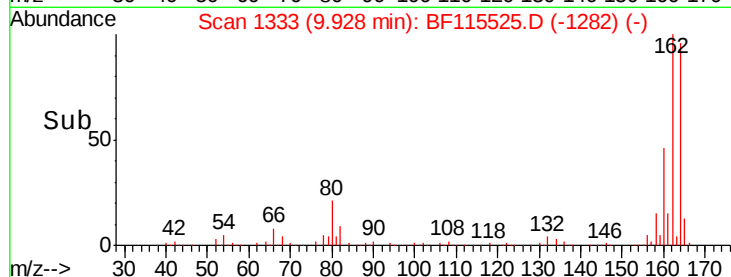
160 47.0 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.350 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Tgt Ion:216 Resp: 517957

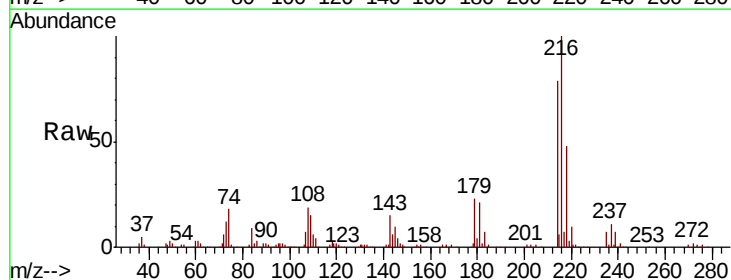
Ion Ratio Lower Upper

216 100

214 79.0 65.1 97.7

179 22.0 18.3 27.5

108 19.1 15.7 23.5

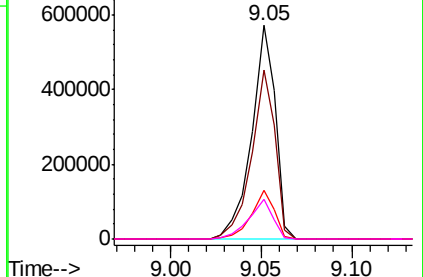
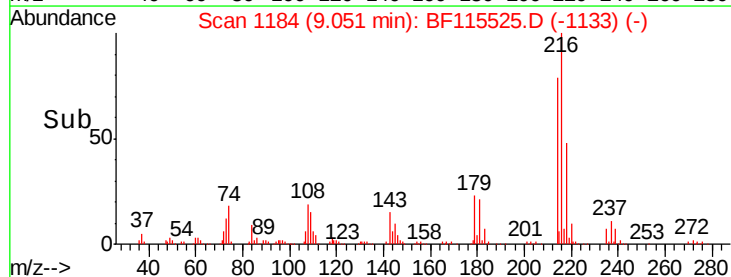


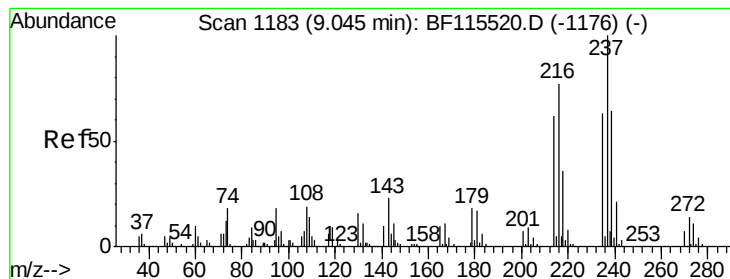
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.195 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

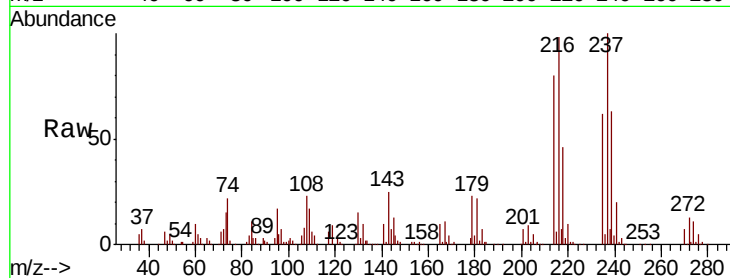
Tot Ion:237 Resp: 287002

Ion Ratio Lower Upper

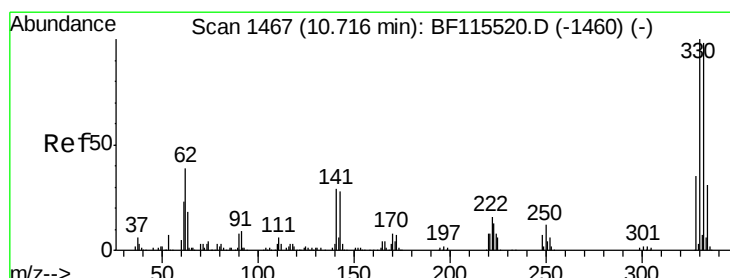
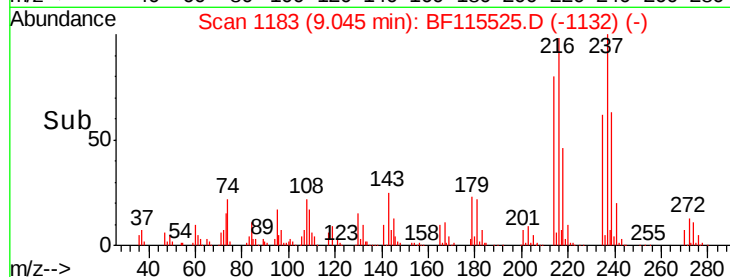
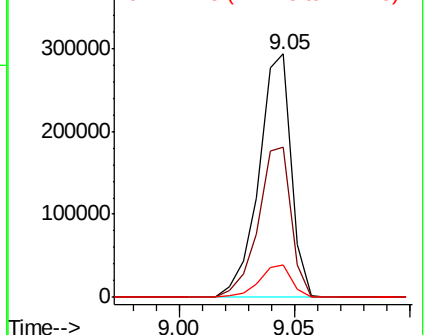
237 100

235 61.6 43.6 83.6

272 13.5 0.0 33.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.212 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

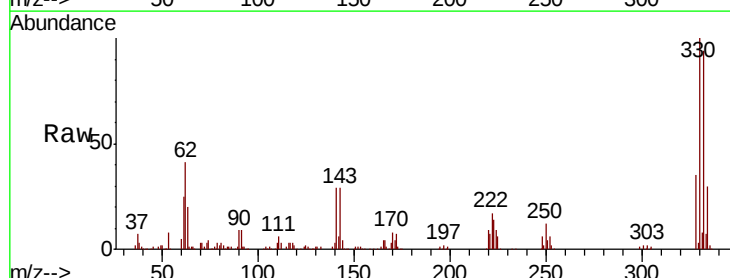
Tgt Ion:330 Resp: 394129

Ion Ratio Lower Upper

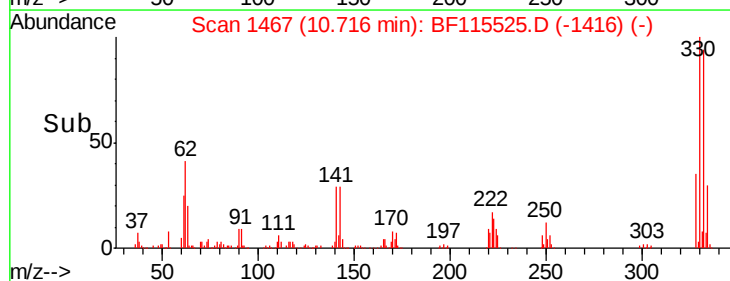
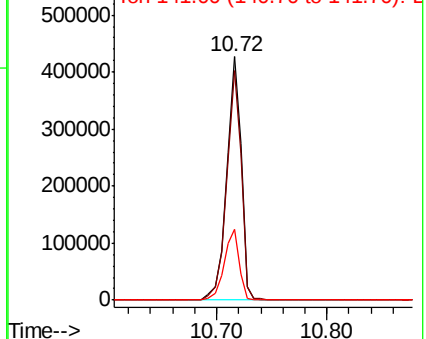
330 100

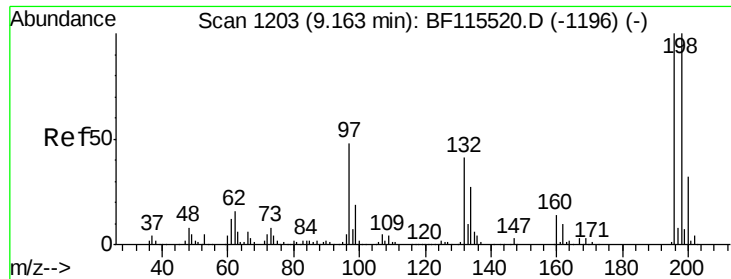
332 95.0 77.4 116.2

141 30.1 22.4 33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

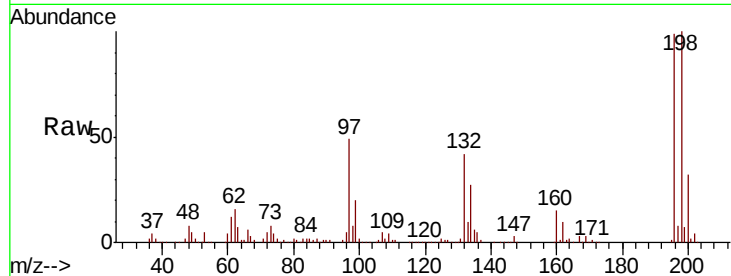




#43
 2,4,6-Trichlorophenol
 Concen: 39.804 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071219

Tot Ion	196	198	200	Resp	373650
Ion Ratio	100	100.9	32.4	Lower	Upper
		80.6	25.8		
		121.0	38.6		

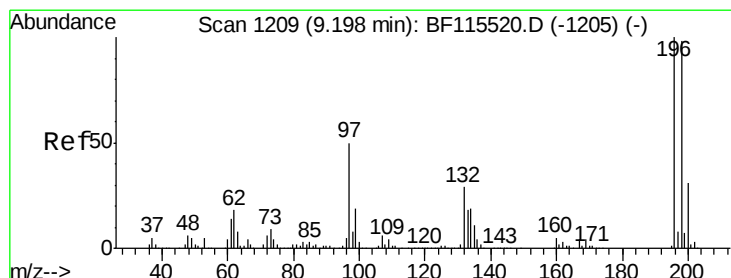
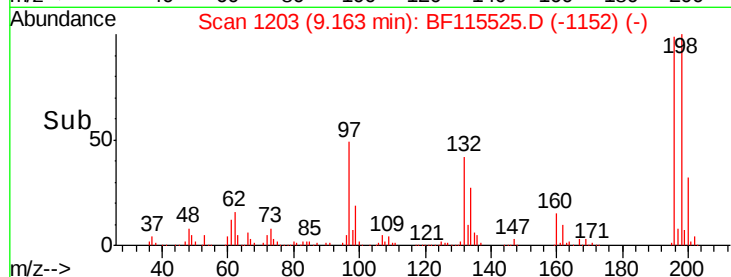
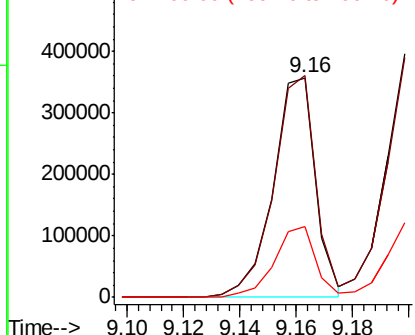


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.336 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Tgt Ion	196	198	97	132	Resp	387770
Ion Ratio	100	98.6	49.2	28.9	Lower	Upper
		79.6	37.8	22.8		
		119.4	56.6	34.2		

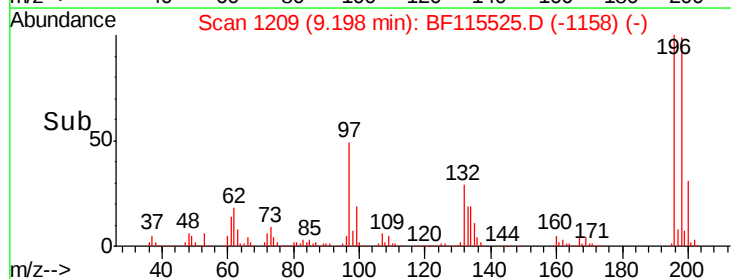
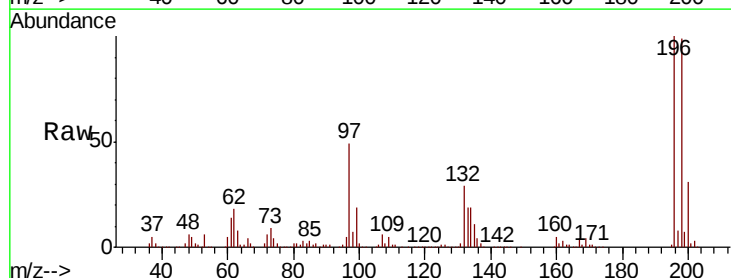
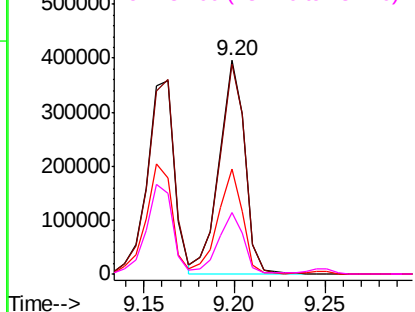
Abundance

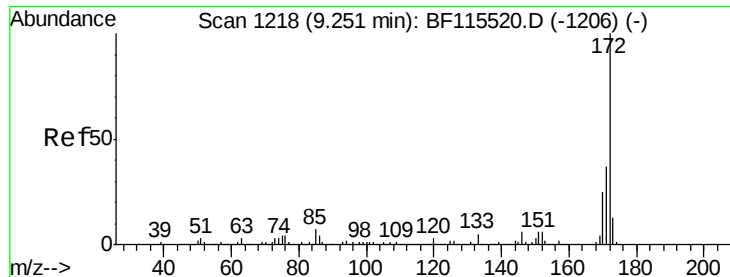
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



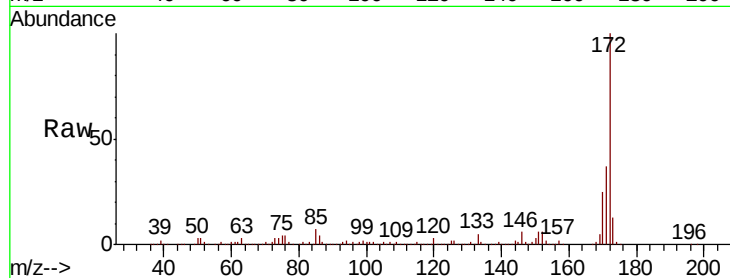


#45
2-Fluorobiphenyl
Concen: 82.458 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

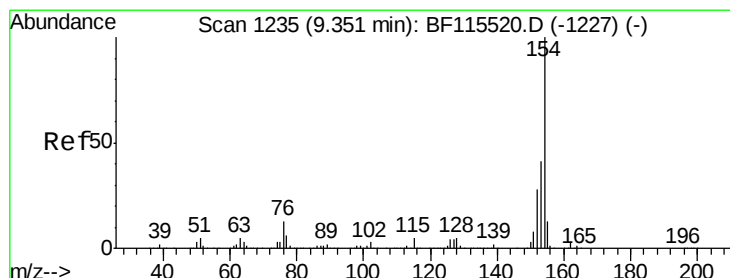
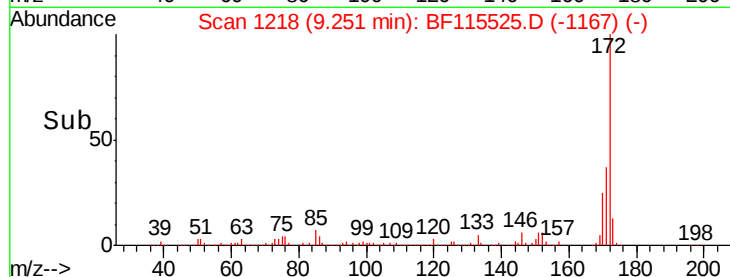
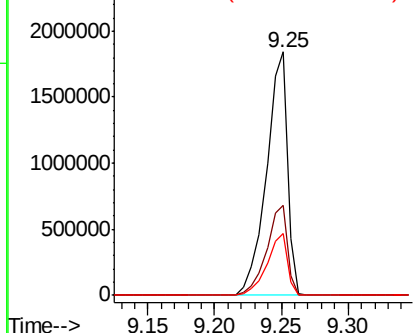
Instrument :
BNA_F
ClientSampleId :
ICVBF071219

Tot Ion:172 Resp: 2008222

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	25.2	20.5	30.7



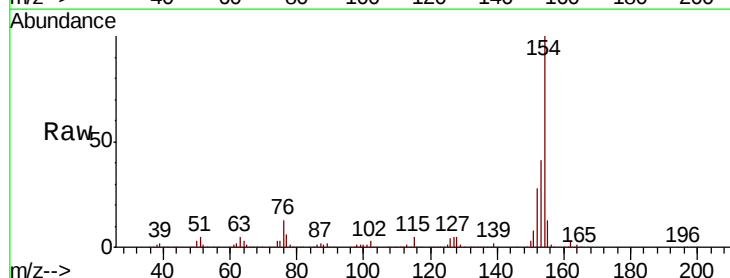
Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



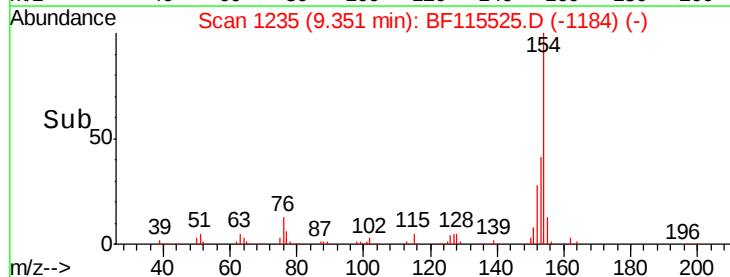
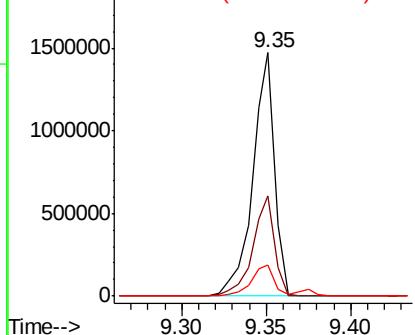
#46
1,1'-Biphenyl
Concen: 39.864 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

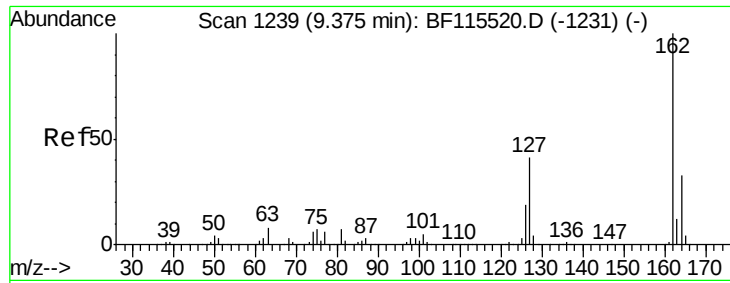
Tgt Ion:154 Resp: 1328488

Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.6	62.6
76	13.0	0.0	33.4



Abundance Ion 154.00 (153.70 to 154.70): E
2000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

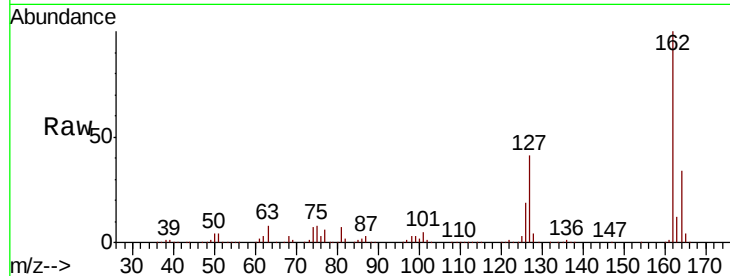




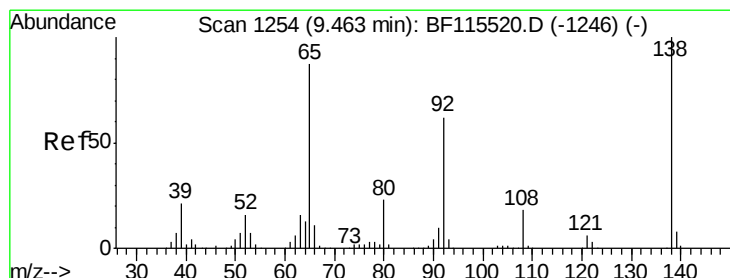
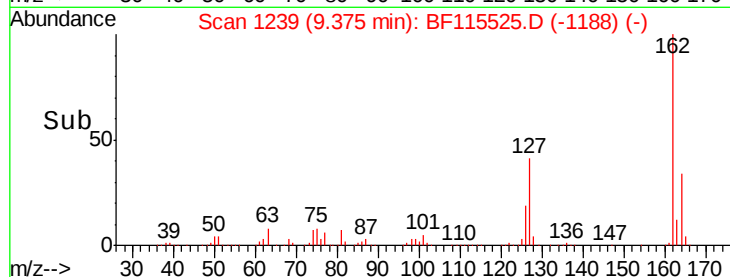
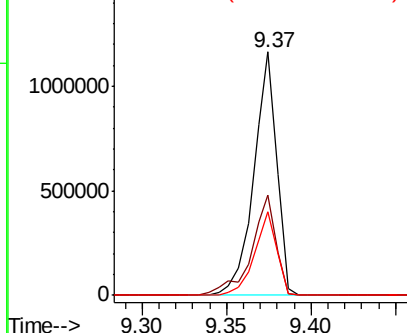
#47
 2-Chloronaphthalene
 Concen: 39.745 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071219

Tot Ion:162 Resp: 1102868
 Ion Ratio Lower Upper
 162 100
 127 41.1 34.1 51.1
 164 34.2 27.4 41.2

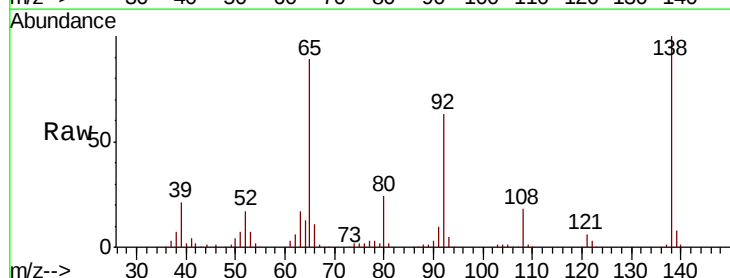


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

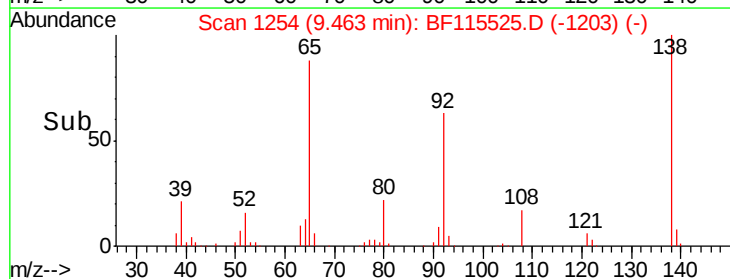
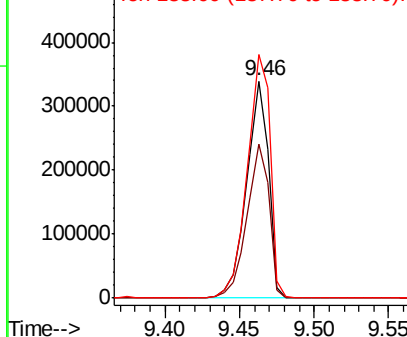


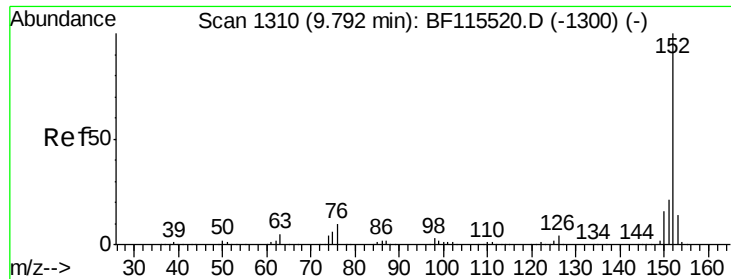
#48
 2-Nitroaniline
 Concen: 40.087 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Tgt Ion: 65 Resp: 344286
 Ion Ratio Lower Upper
 65 100
 92 71.2 57.8 86.6
 138 112.1 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.439 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

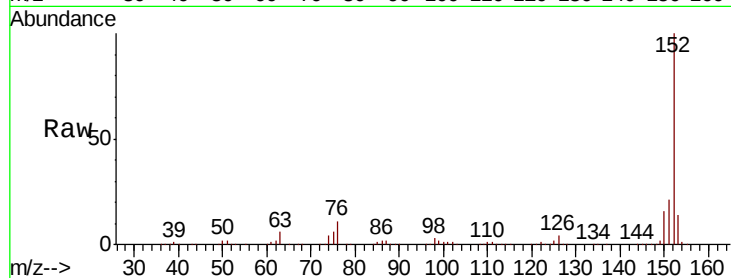
Tot Ion:152 Resp: 1621583

Ion Ratio Lower Upper

152 100

151 21.4 17.7 26.5

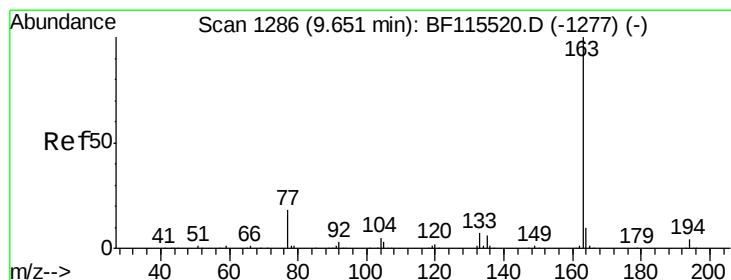
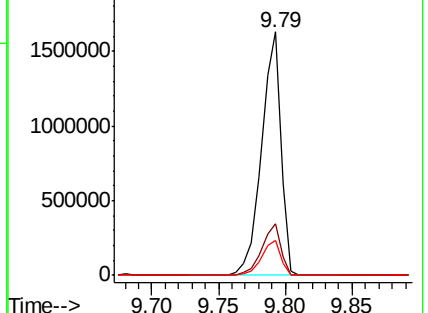
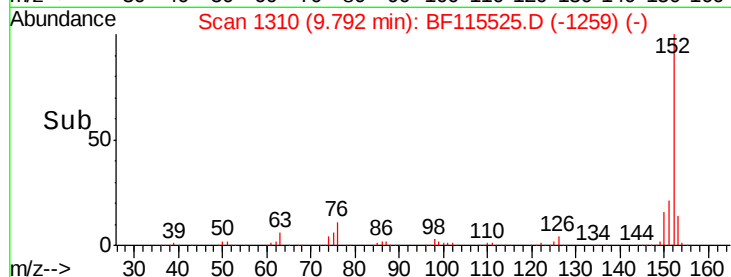
153 14.4 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.890 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

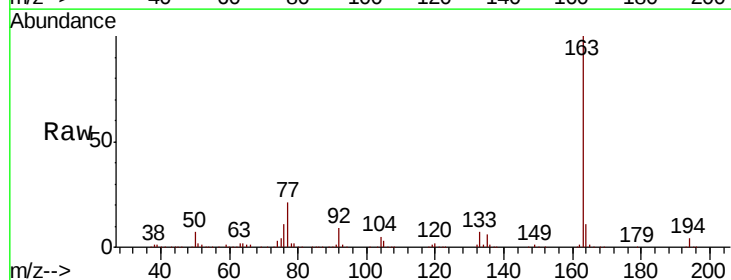
Tgt Ion:163 Resp: 1247259

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

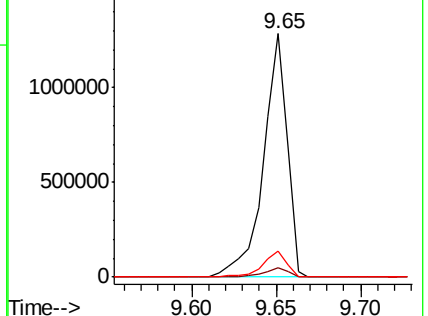
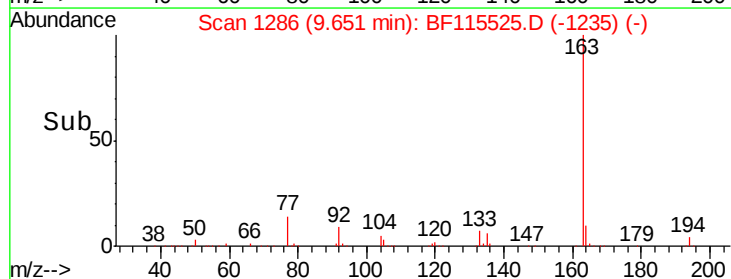
164 10.6 8.7 13.1

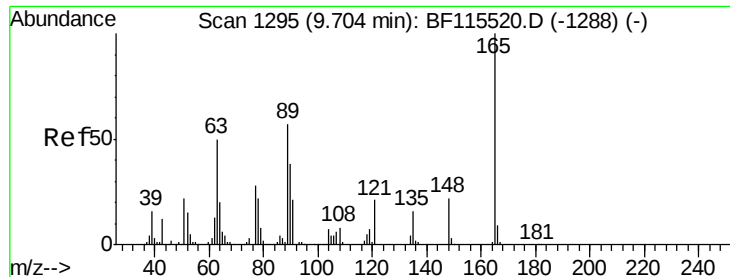


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

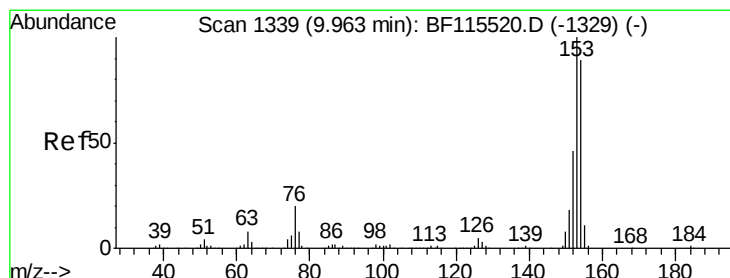
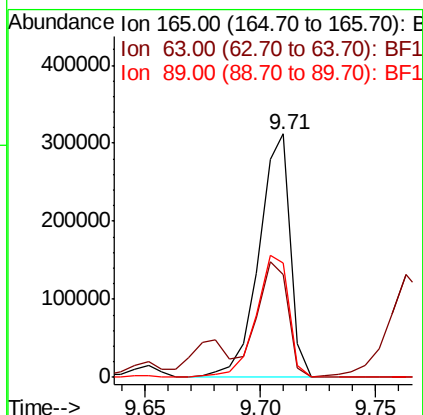
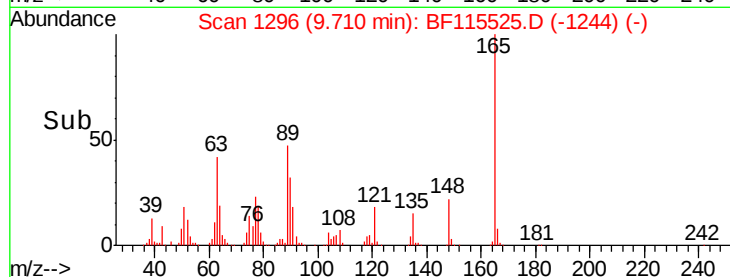
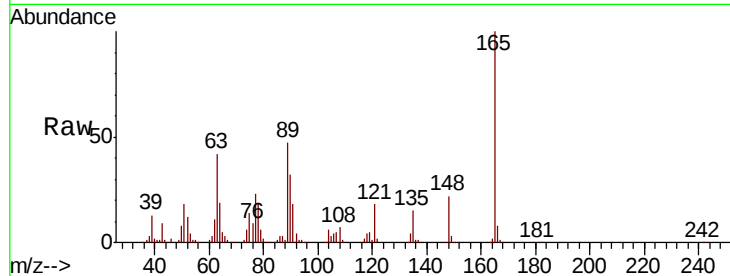




#51
 2,6-Dinitrotoluene
 Concen: 40.402 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

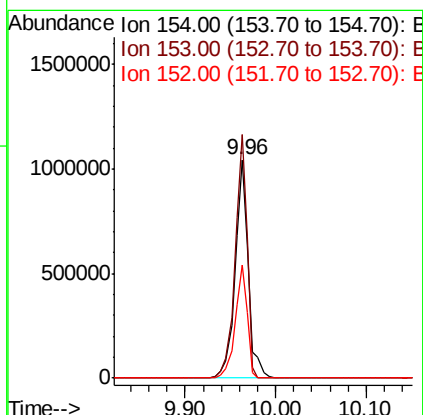
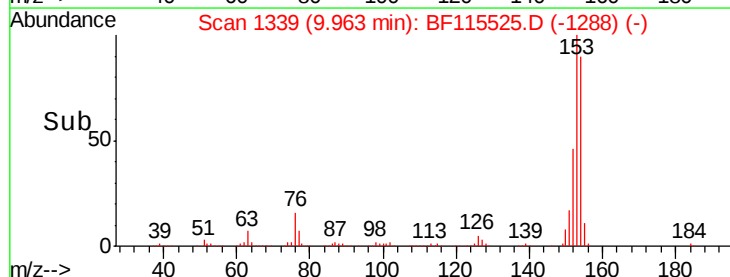
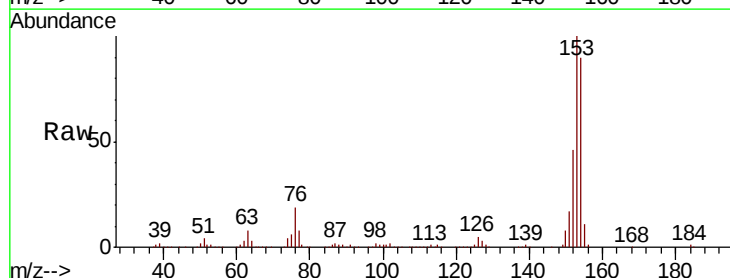
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071219

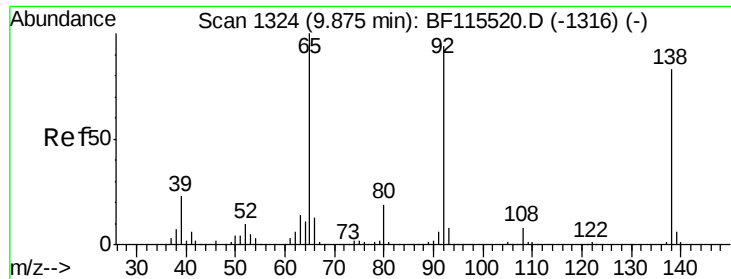
Tot Ion:165 Resp: 294466
 Ion Ratio Lower Upper
 165 100
 63 42.2 40.6 61.0
 89 47.0 43.9 65.9



#52
 Acenaphthene
 Concen: 39.923 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Tgt Ion:154 Resp: 1059783
 Ion Ratio Lower Upper
 154 100
 153 111.6 88.6 133.0
 152 51.8 42.3 63.5

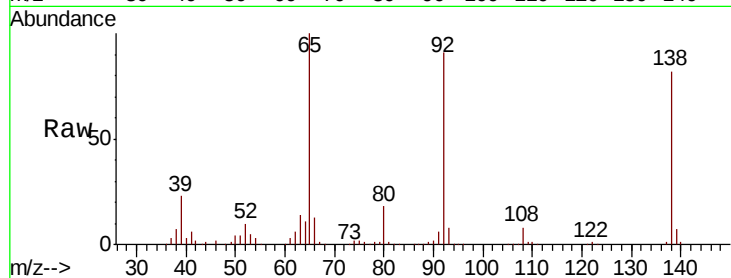




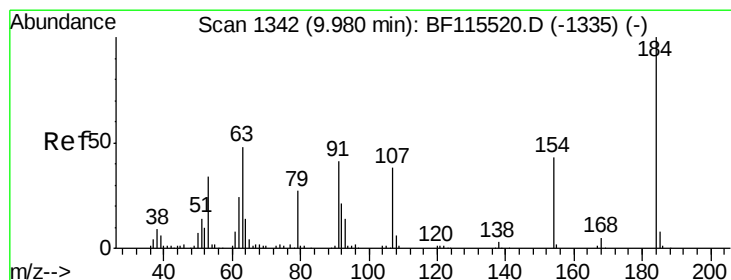
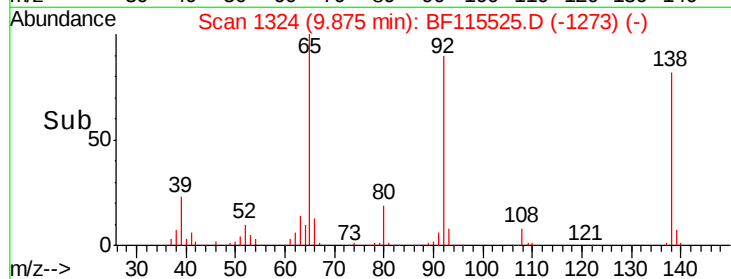
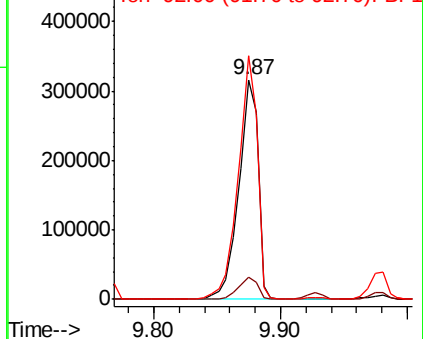
#53
3-Nitroaniline
Concen: 39.764 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Instrument :
BNA_F
ClientSampleId :
ICVBF071219

Tot Ion:138 Resp: 331187
Ion Ratio Lower Upper
138 100
108 10.2 8.4 12.6
92 110.7 88.0 132.0

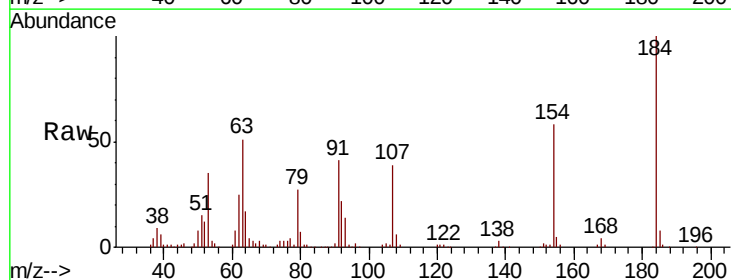


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

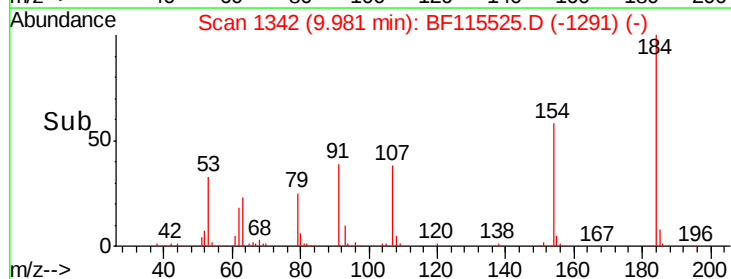
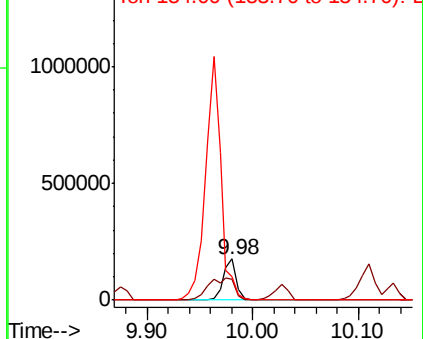


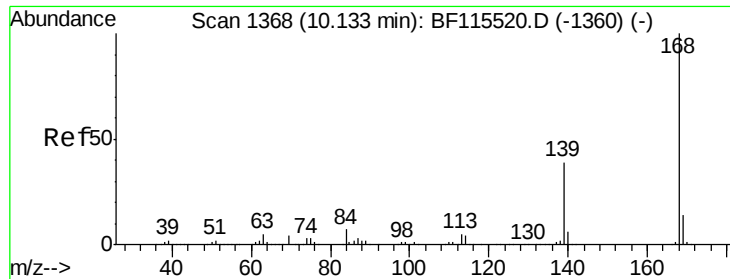
#54
2,4-Dinitrophenol
Concen: 41.841 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion:184 Resp: 156570
Ion Ratio Lower Upper
184 100
63 50.6 48.7 73.1
154 58.0 48.6 73.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

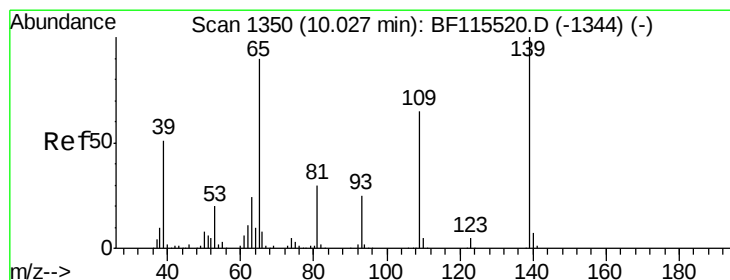
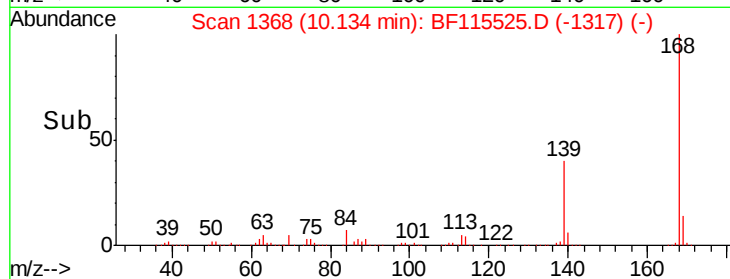
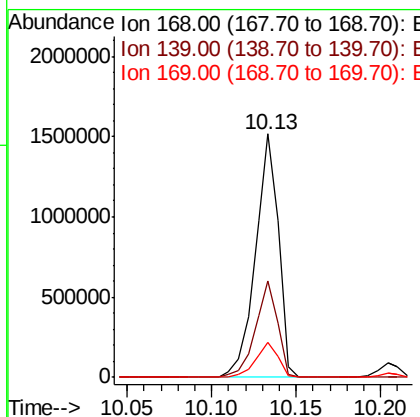
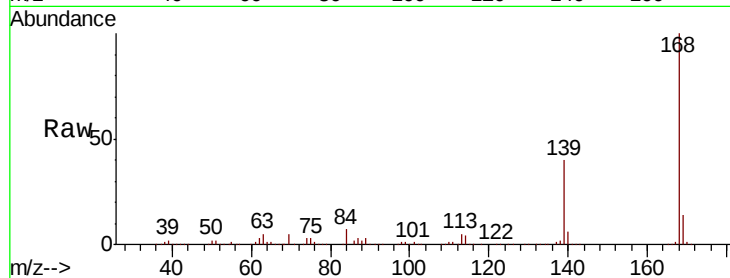




#55
Dibenzofuran
Concen: 38.061 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

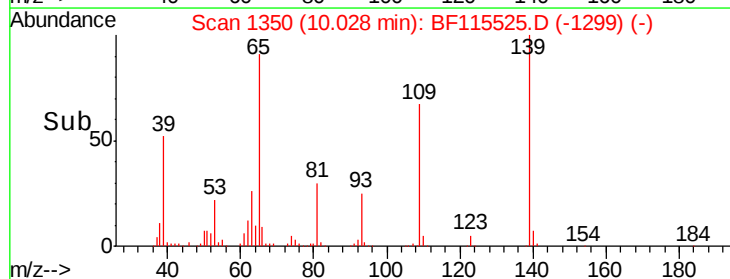
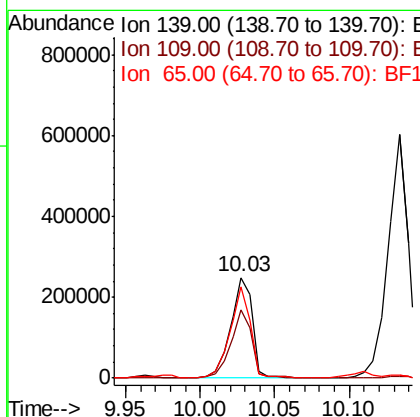
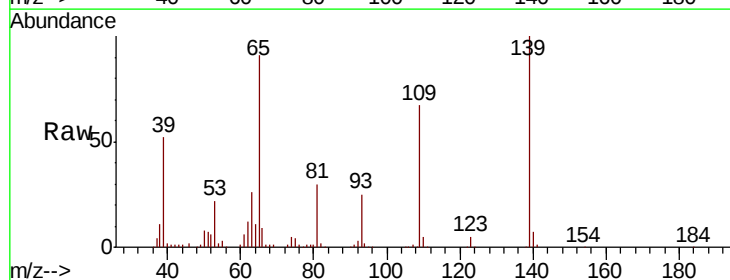
Instrument :
BNA_F
ClientSampleId :
ICVBF071219

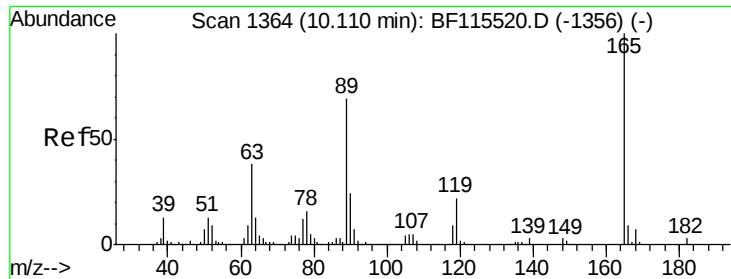
Tot Ion:168 Resp: 1434820
Ion Ratio Lower Upper
168 100
139 39.7 31.1 46.7
169 14.2 11.1 16.7



#56
4-Nitrophenol
Concen: 40.596 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion:139 Resp: 257833
Ion Ratio Lower Upper
139 100
109 67.3 46.4 86.4
65 91.3 68.9 108.9

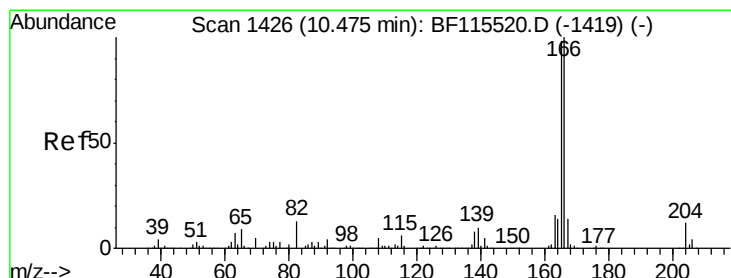
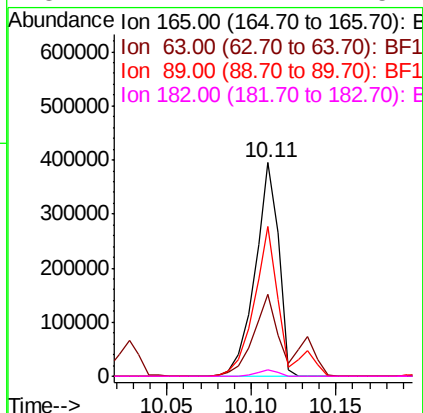
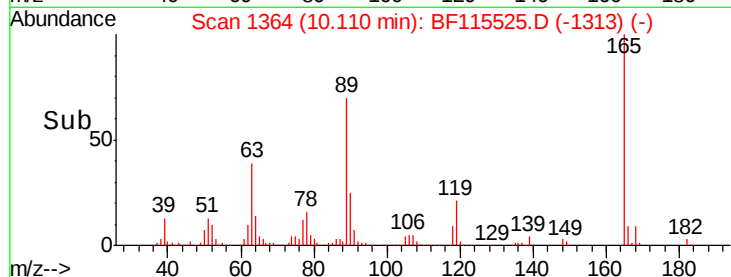
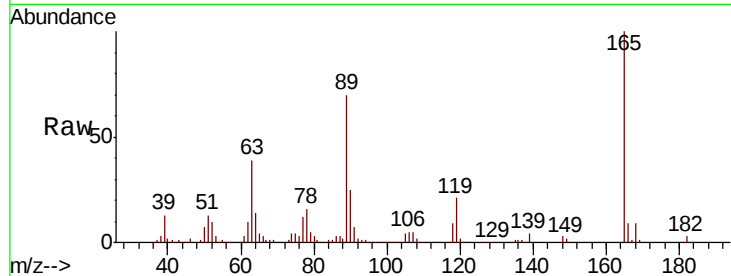




#57
2,4-Dinitrotoluene
Concen: 40.439 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

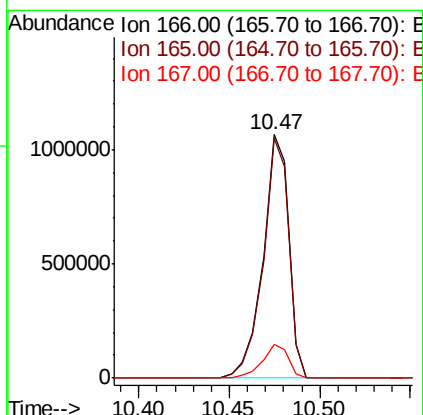
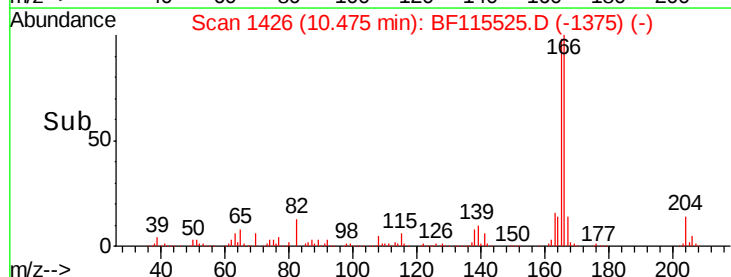
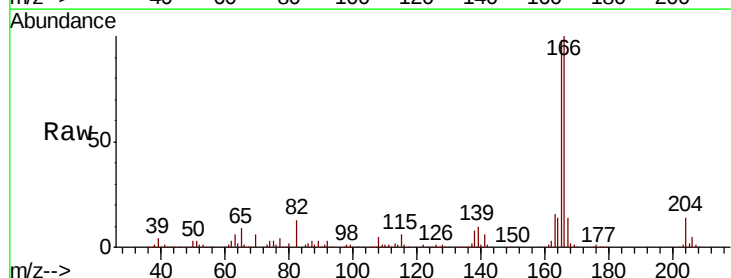
Instrument :
BNA_F
ClientSampleId :
ICVBF071219

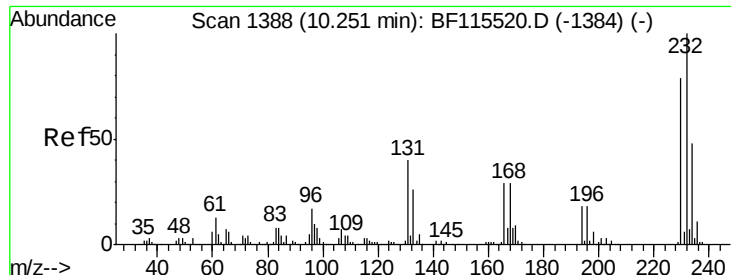
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.7	34.9	52.3
89	70.4	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 39.185 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.6
167	13.8	11.2	16.8

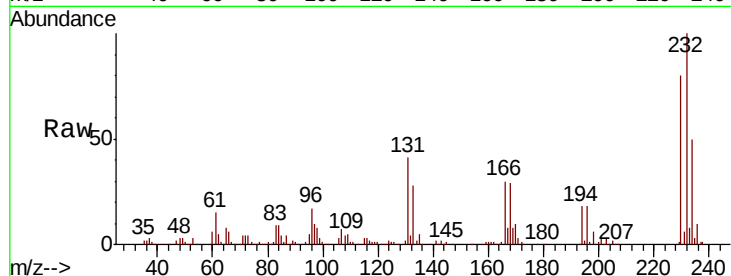




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.925 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Instrument :
BNA_F
ClientSampleId :
ICVBF071219

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.9	53.9
130	2.1	1.8	2.6
166	31.3	24.8	37.2



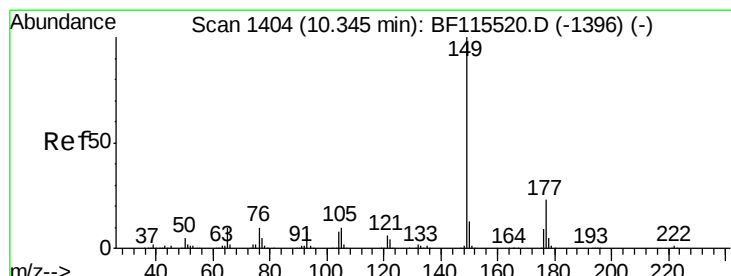
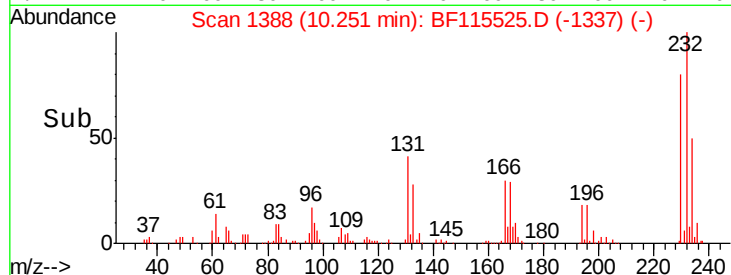
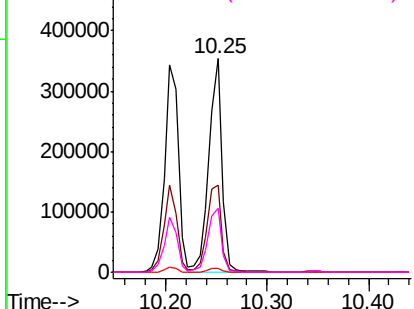
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

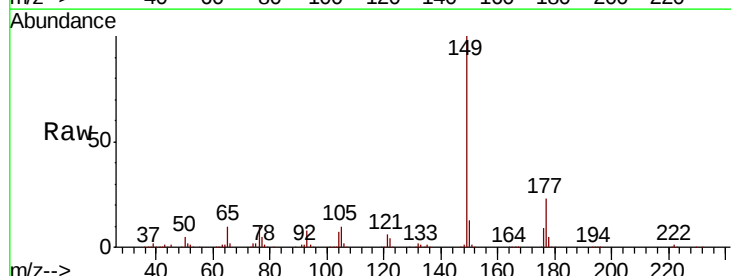
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.581 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.5	29.3
150	12.9	10.4	15.6

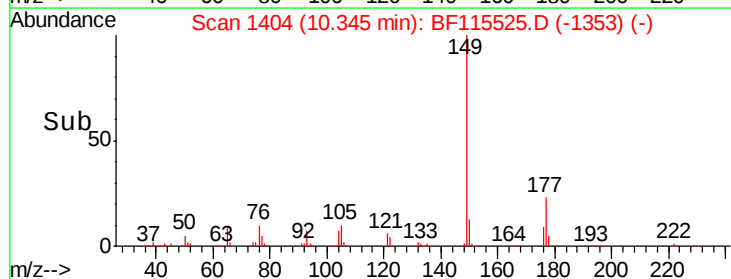
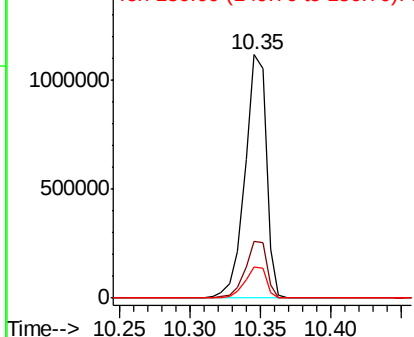


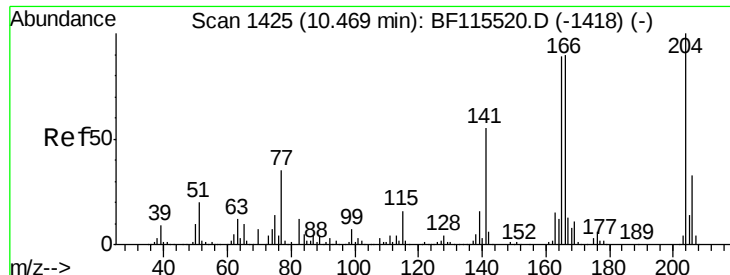
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

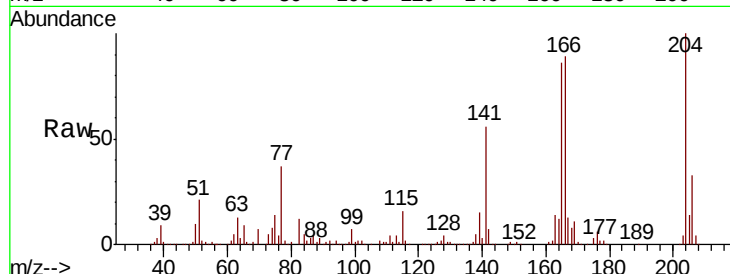




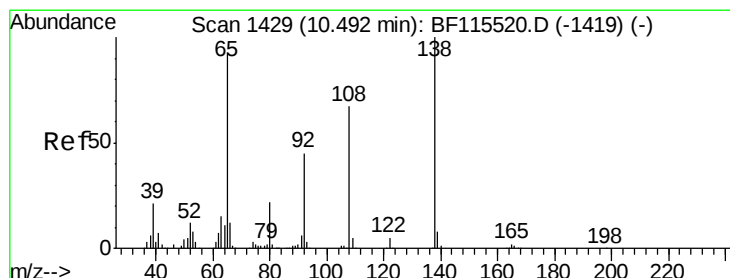
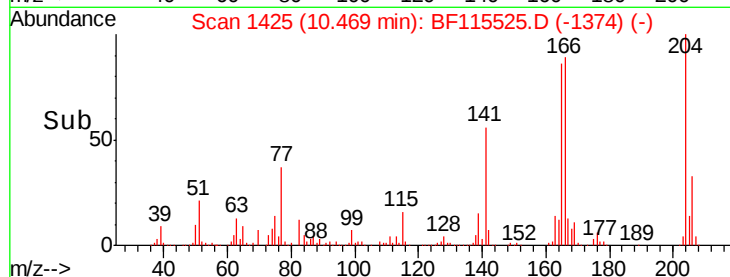
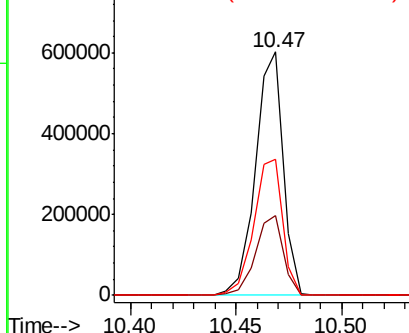
#61
 4-Chlorophenyl-phenylether
 Concen: 36.862 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071219

Tot Ion:204 Resp: 550904
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.7 40.1
 141 56.0 44.2 66.2

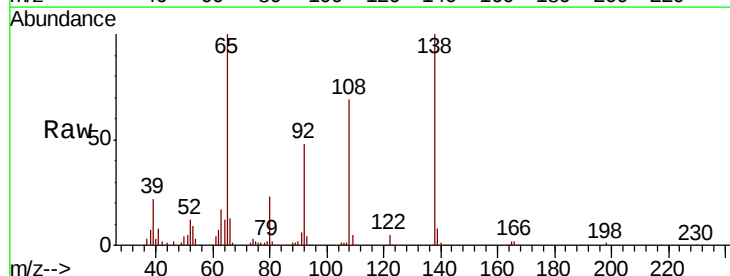


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

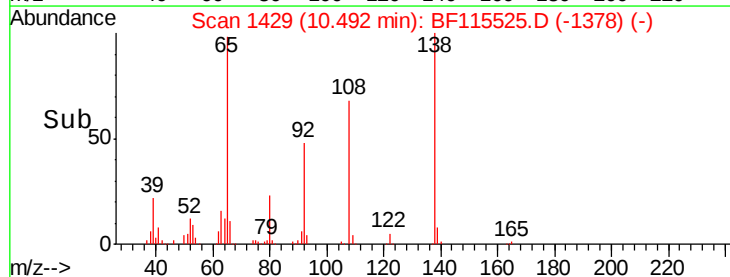
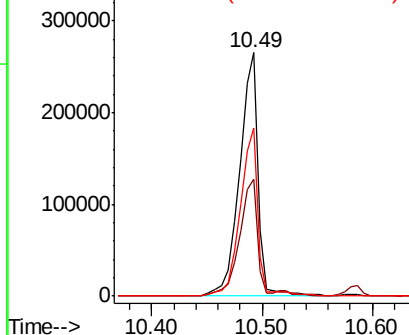


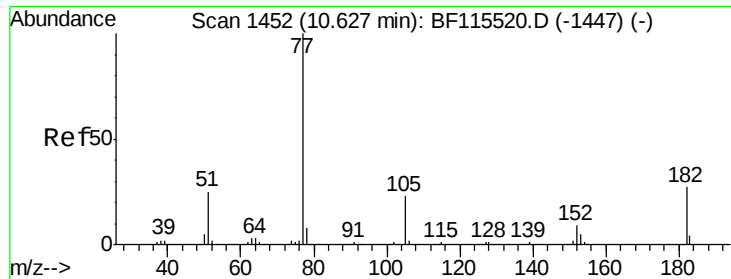
#62
 4-Nitroaniline
 Concen: 39.160 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Tgt Ion:138 Resp: 312855
 Ion Ratio Lower Upper
 138 100
 92 48.1 27.1 67.1
 108 69.0 48.0 88.0



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

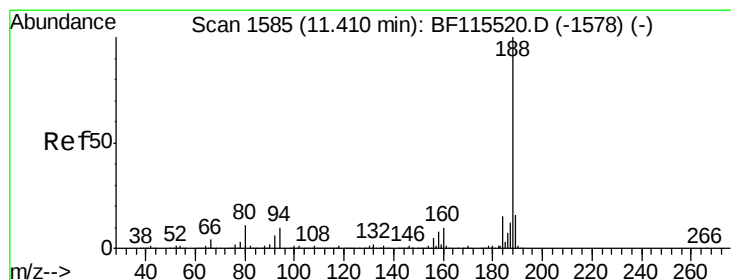
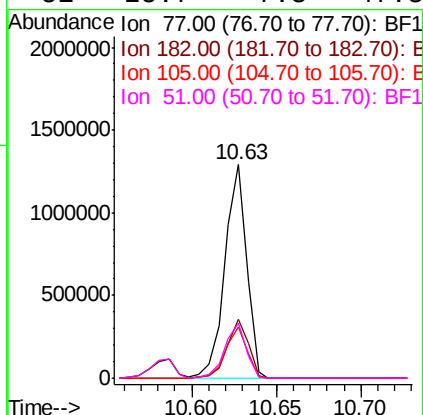
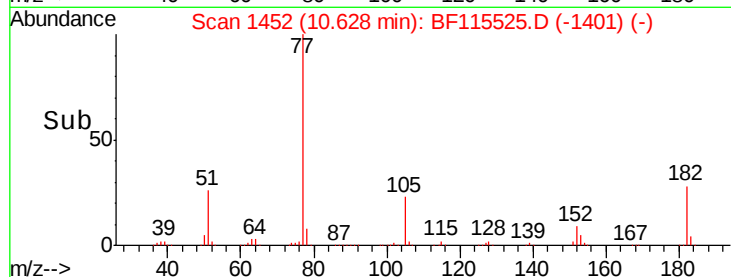
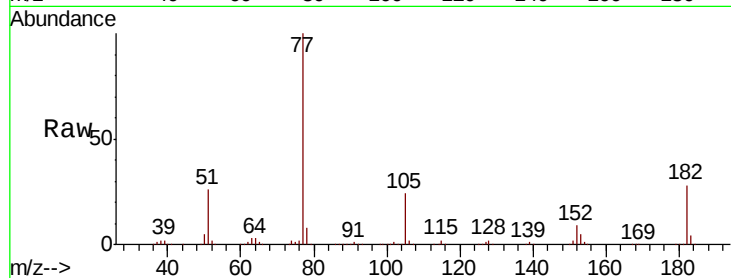




#63
Azobenzene
Concen: 39.535 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

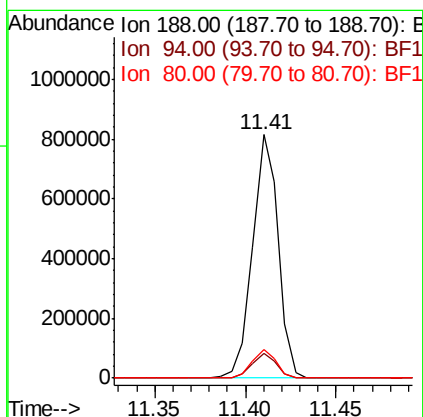
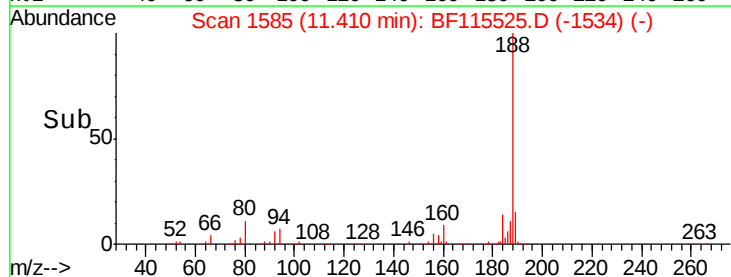
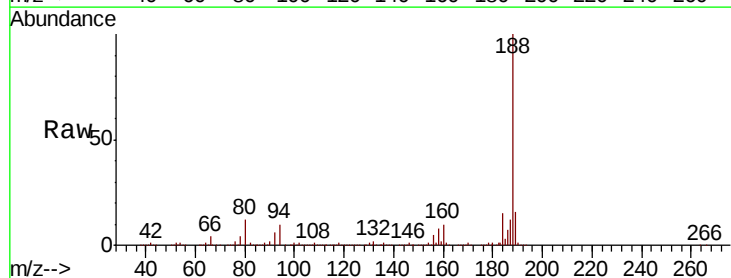
Instrument :
BNA_F
ClientSampleId :
ICVBF071219

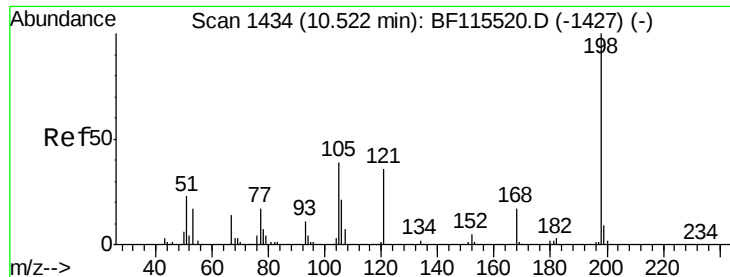
Tot Ion: 77 Resp: 1152331
Ion Ratio Lower Upper
77 100
182 27.8 6.9 46.9
105 23.7 3.9 43.9
51 25.7 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion: 188 Resp: 797449
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.6 8.6 13.0

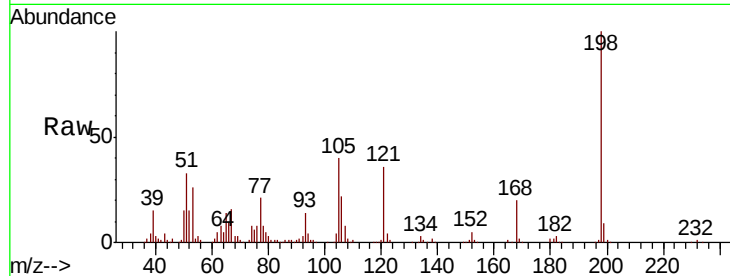




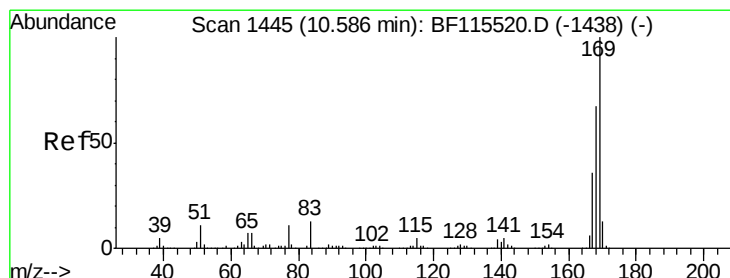
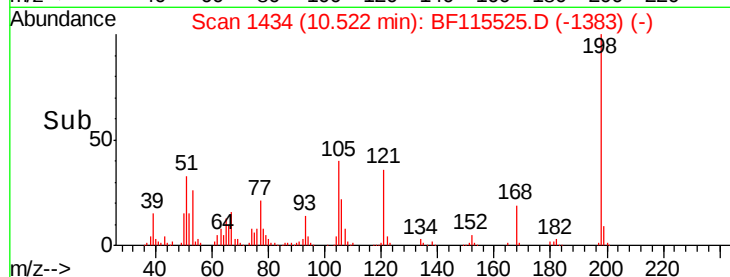
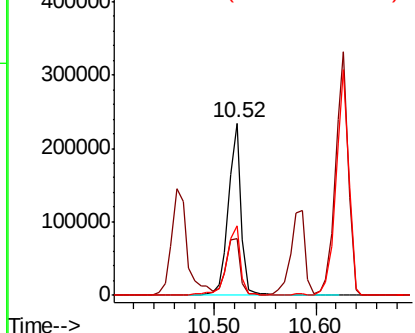
#65
4,6-Dinitro-2-methylphenol
Concen: 41.751 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Instrument :
BNA_F
ClientSampleId :
ICVBF071219

Tot Ion:198 Resp: 203418
Ion Ratio Lower Upper
198 100
51 33.1 19.1 59.1
105 40.4 23.6 63.6

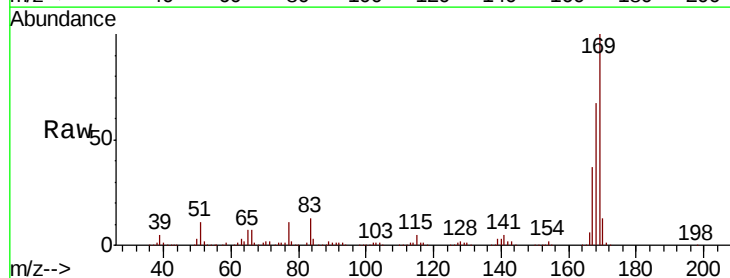


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

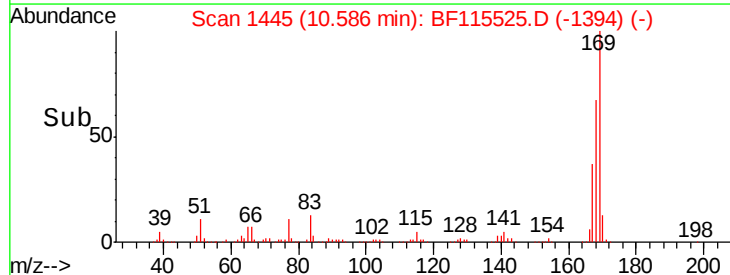
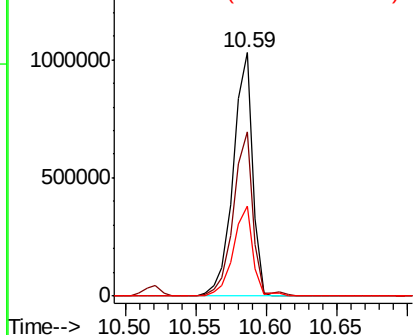


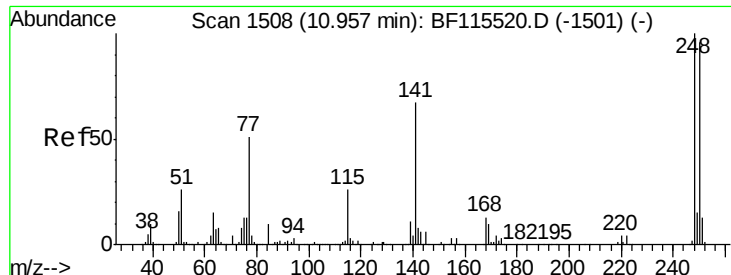
#66
n-Nitrosodiphenylamine
Concen: 39.466 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion:169 Resp: 978992
Ion Ratio Lower Upper
169 100
168 67.5 54.3 81.5
167 37.1 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

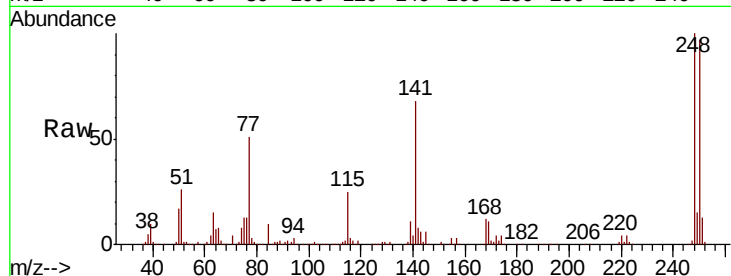




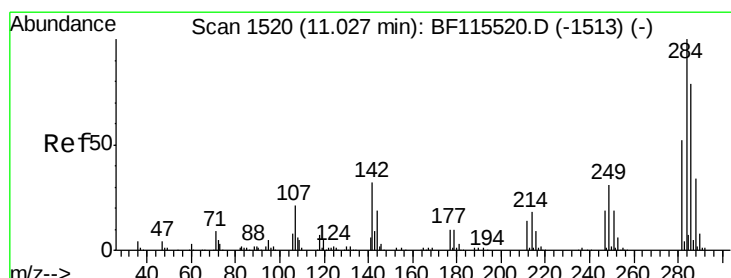
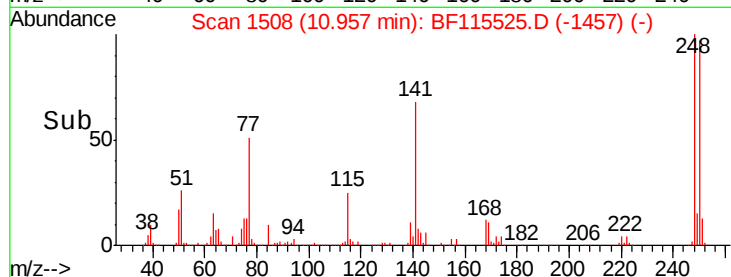
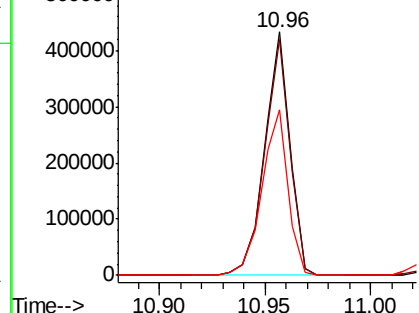
#67
4-Bromophenyl-phenylether
Concen: 39.628 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Instrument :
BNA_F
ClientSampleId :
ICVBF071219

Tot Ion:248 Resp: 361131
Ion Ratio Lower Upper
248 100
250 97.1 78.0 117.0
141 68.0 57.7 86.5

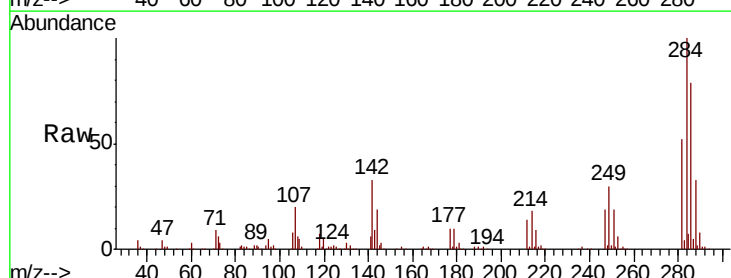


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

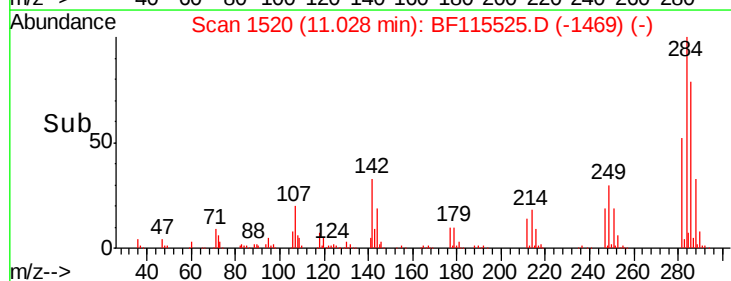
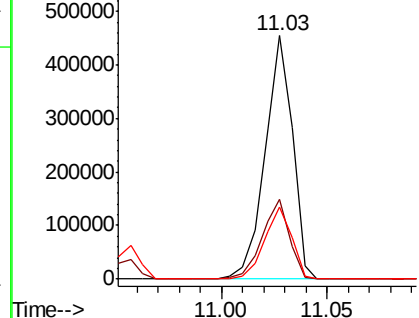


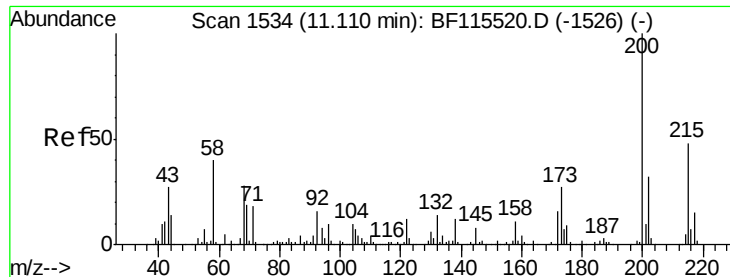
#68
Hexachlorobenzene
Concen: 39.400 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion:284 Resp: 410037
Ion Ratio Lower Upper
284 100
142 32.9 22.2 33.2
249 29.8 23.4 35.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



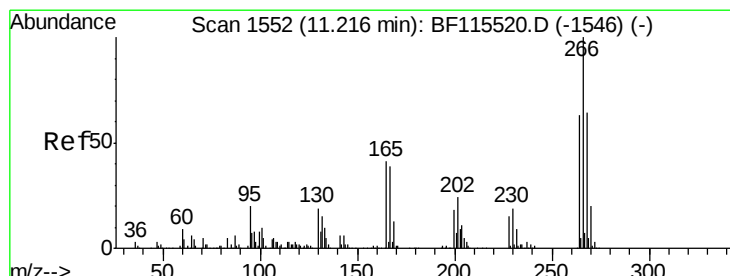
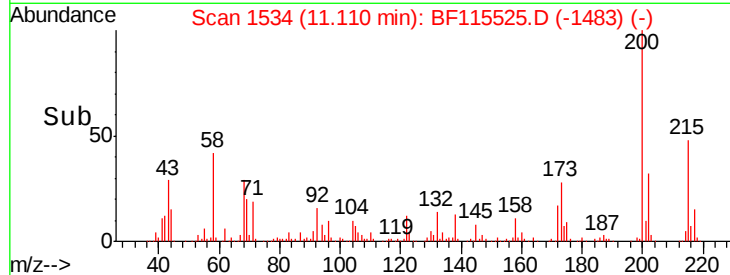
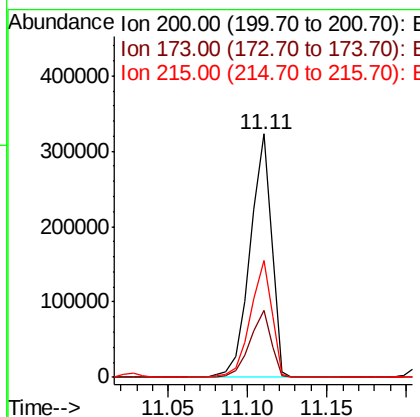
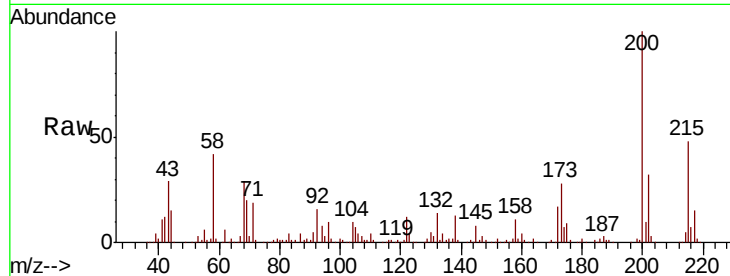


#69
Atrazine
Concen: 37.302 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Instrument :
BNA_F
ClientSampleId :
ICVBF071219

Tot Ion:200 Resp: 303551

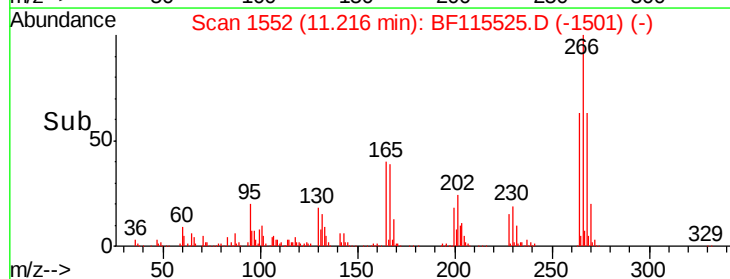
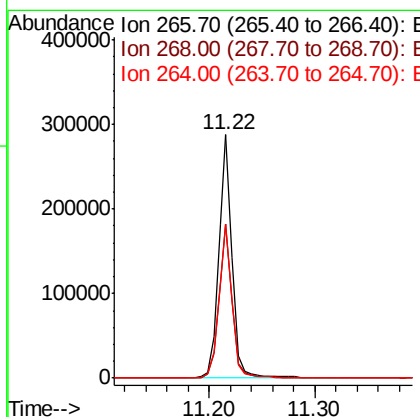
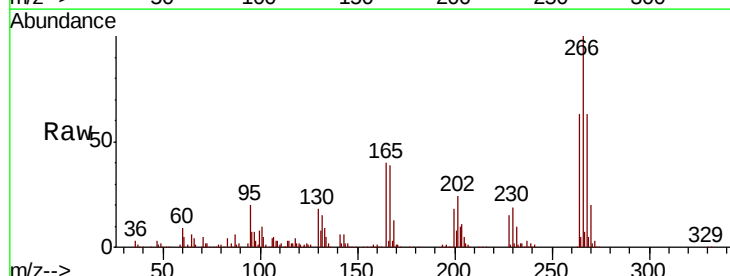
Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.9	46.9
215	47.9	27.9	67.9

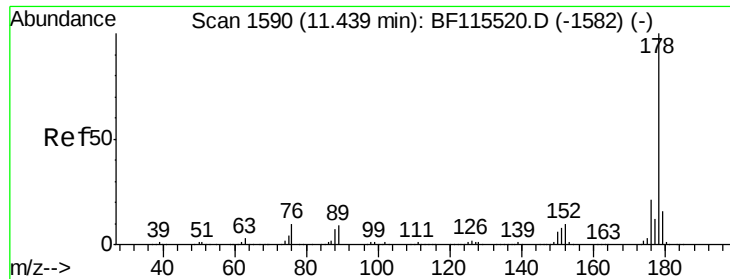


#70
Pentachlorophenol
Concen: 40.530 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion:266 Resp: 257979

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.6	77.4
264	63.2	50.6	76.0

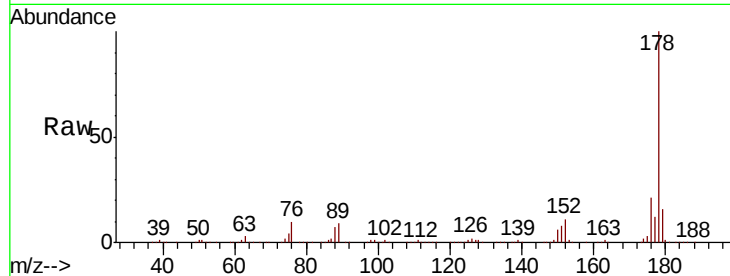




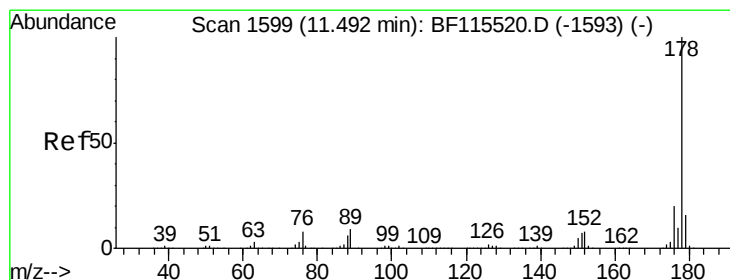
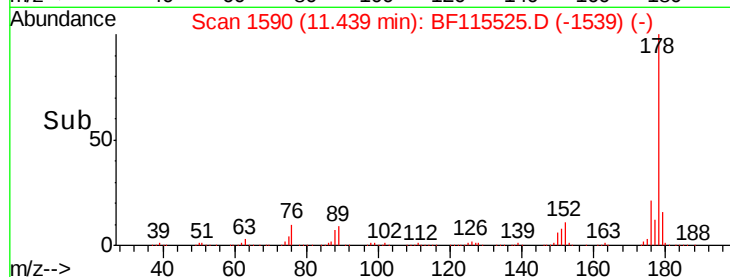
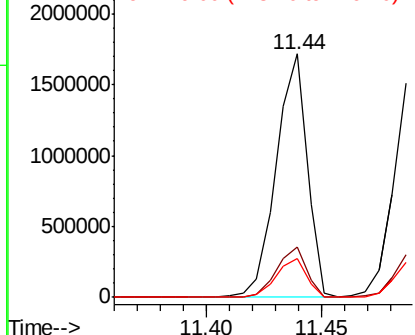
#71
 Phenanthrene
 Concen: 39.016 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071219

Tot Ion:178 Resp: 1594819
 Ion Ratio Lower Upper
 178 100
 176 20.7 17.2 25.8
 179 16.2 13.5 20.3

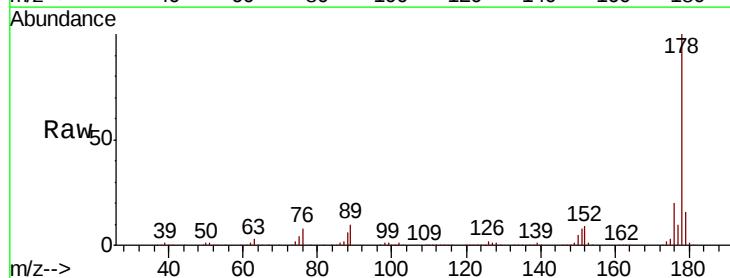


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

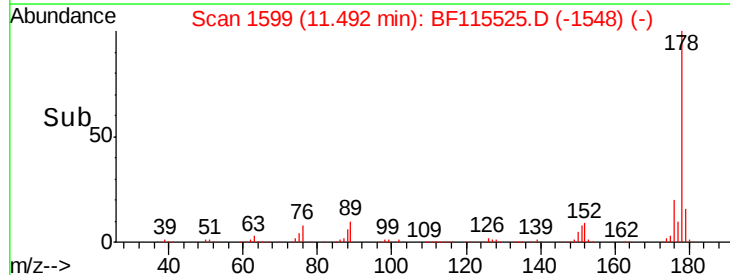
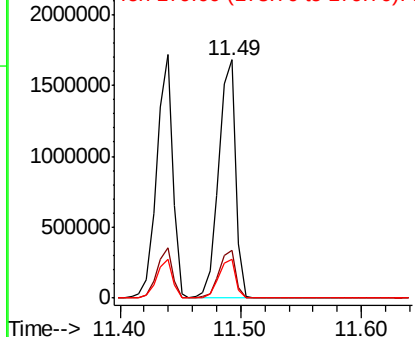


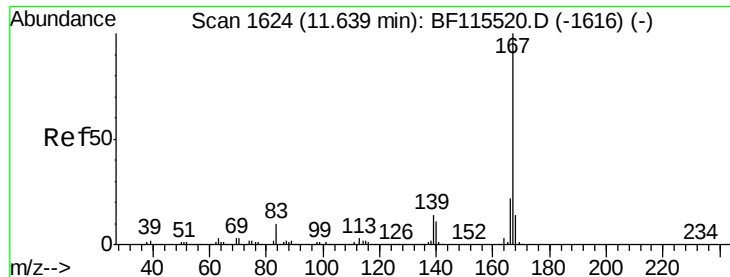
#72
 Anthracene
 Concen: 38.198 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Tgt Ion:178 Resp: 1613639
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



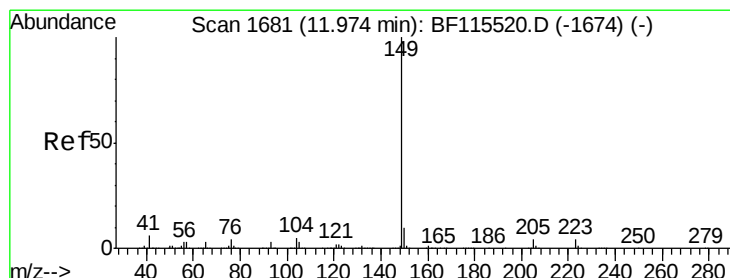
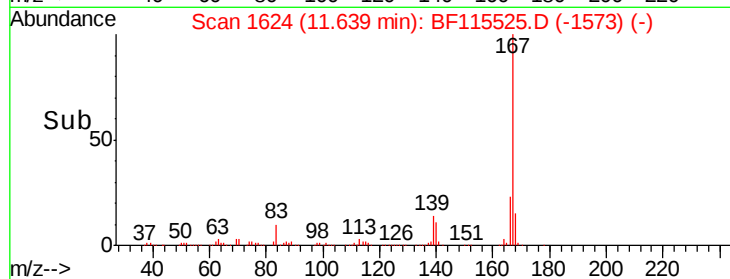
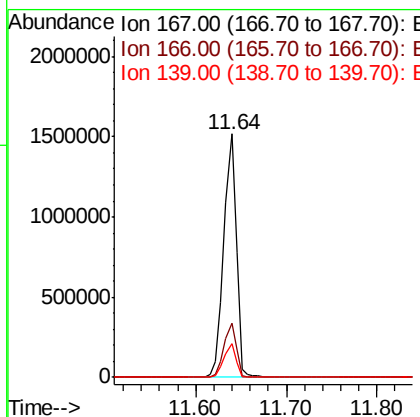
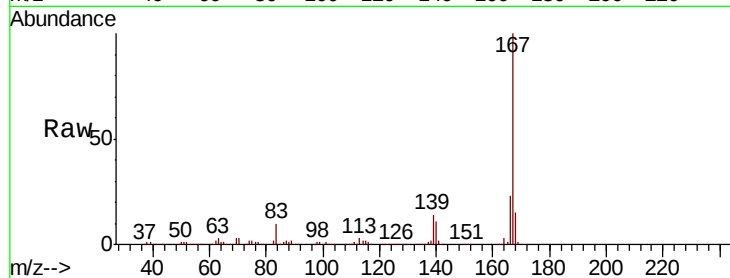


#73
 Carbazole
 Concen: 39.000 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071219

Tot Ion:167 Resp: 1444758

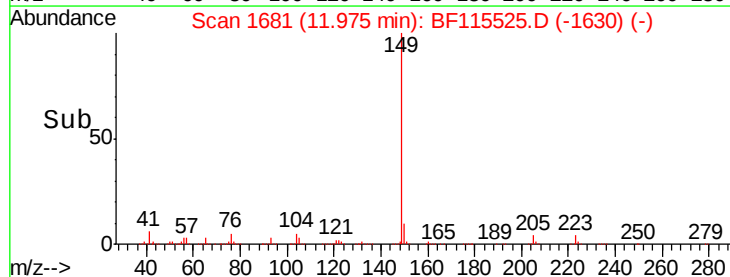
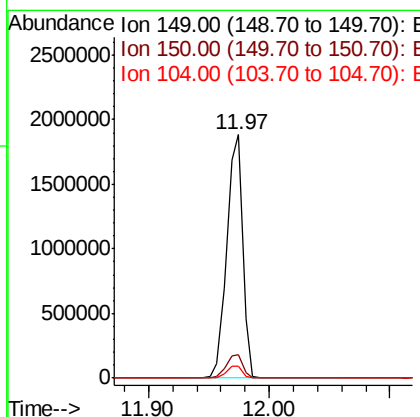
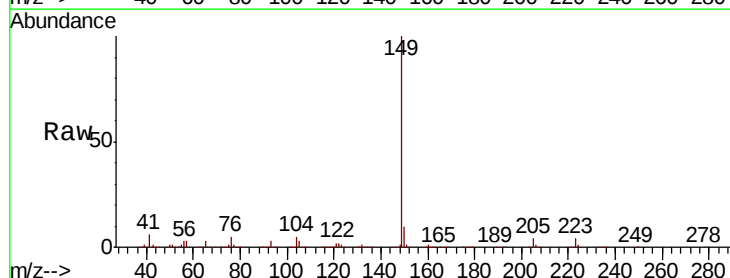
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	14.1	11.3	16.9

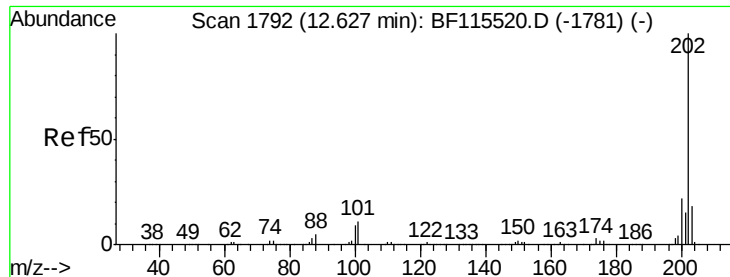


#74
 Di-n-butylphthalate
 Concen: 37.813 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Tgt Ion:149 Resp: 1725435

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.0	3.8	5.8

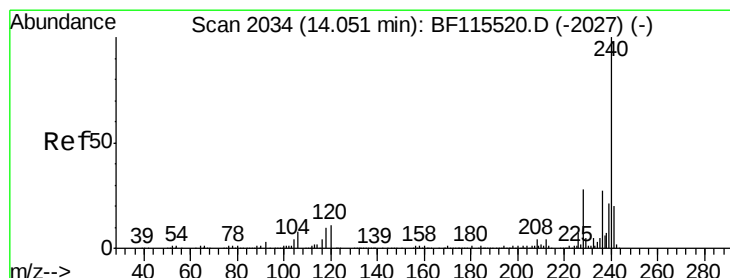
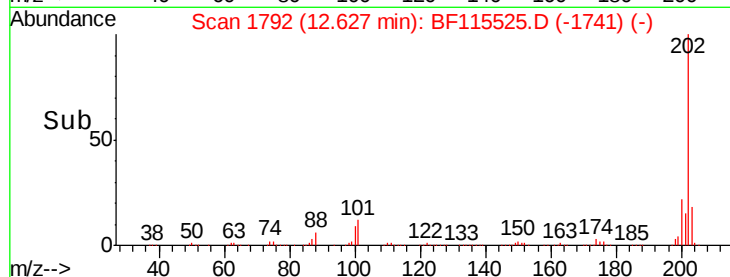
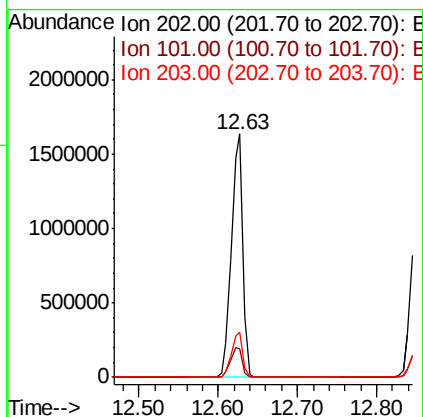
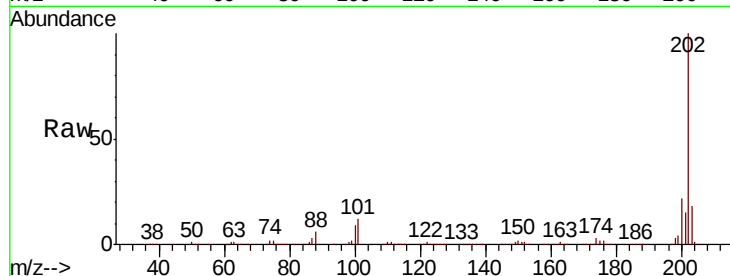




#75
 Fluoranthene
 Concen: 37.759 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

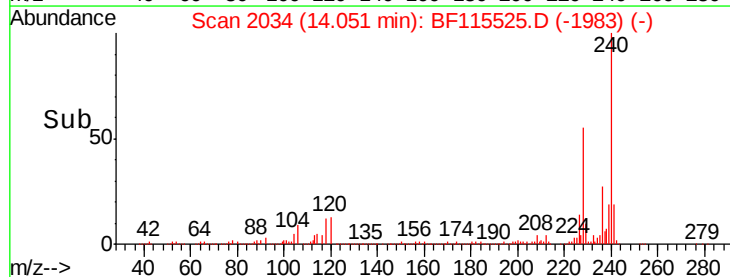
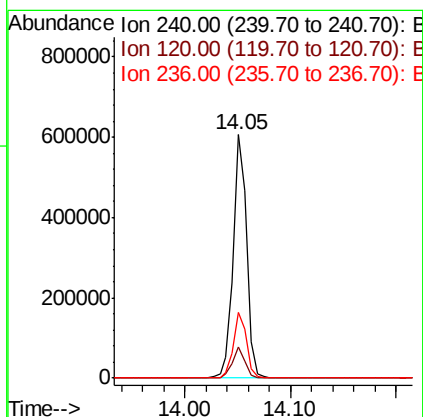
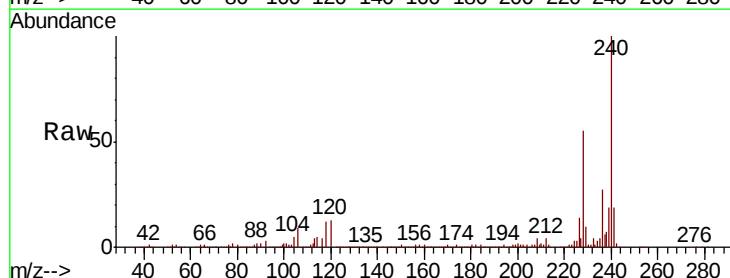
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071219

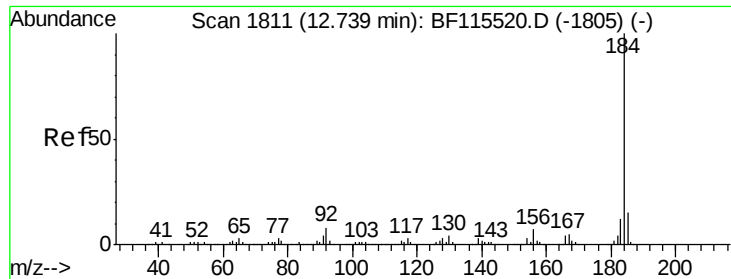
Tot Ion:202 Resp: 1631038
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 31.4
 203 18.4 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115525.D
 Acq: 12 Jul 2019 13:53

Tgt Ion:240 Resp: 524810
 Ion Ratio Lower Upper
 240 100
 120 12.7 8.6 13.0
 236 27.0 21.3 31.9





#77

Benzidine

Concen: 33.863 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

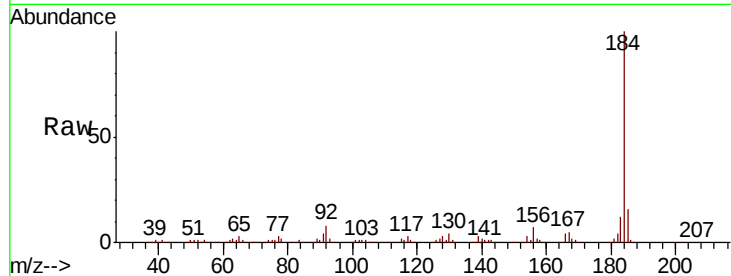
Tot Ion:184 Resp: 629558

Ion Ratio Lower Upper

184 100

185 16.0 12.0 18.0

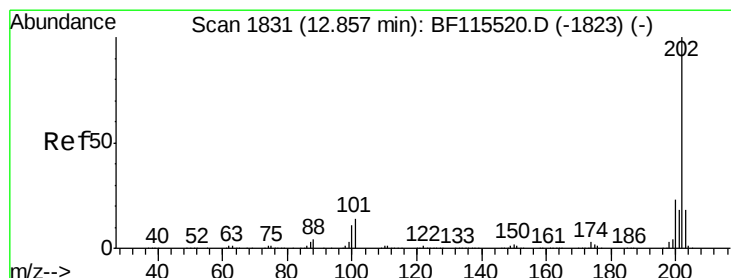
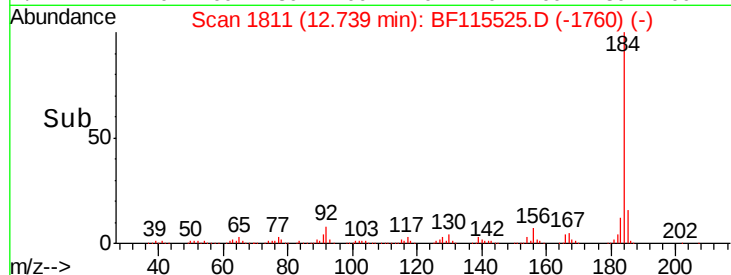
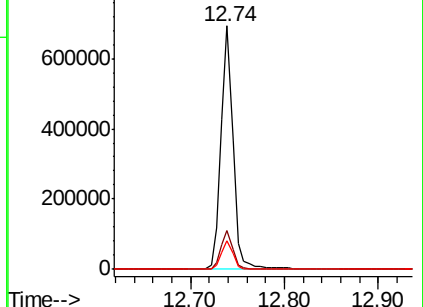
183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.297 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

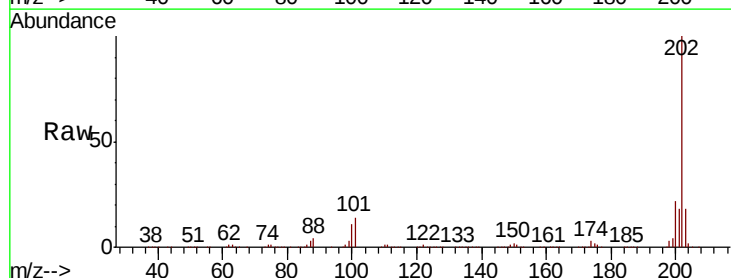
Tgt Ion:202 Resp: 1658389

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

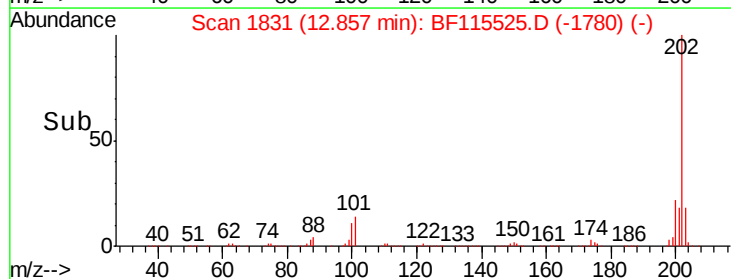
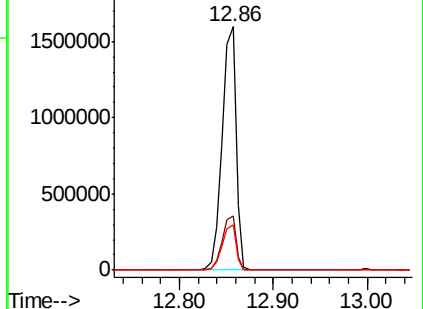
203 18.4 15.2 22.8

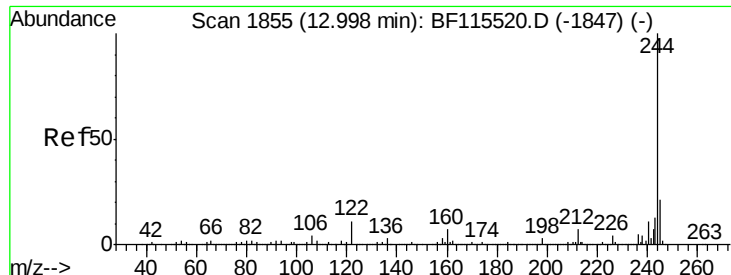


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.097 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

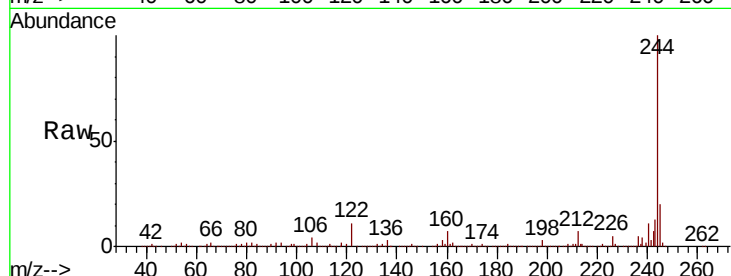
Tot Ion:244 Resp: 2079055

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

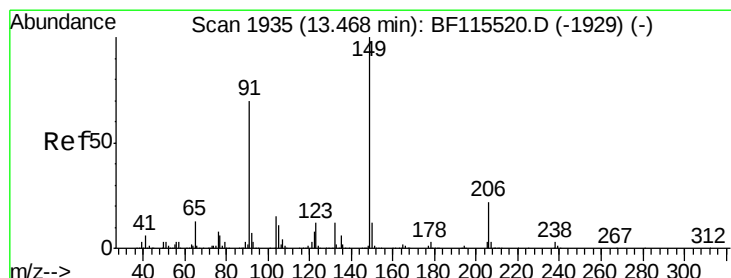
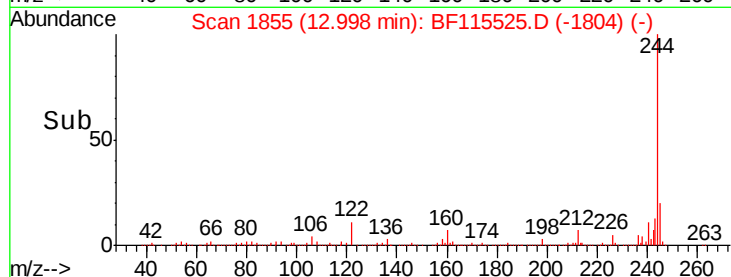
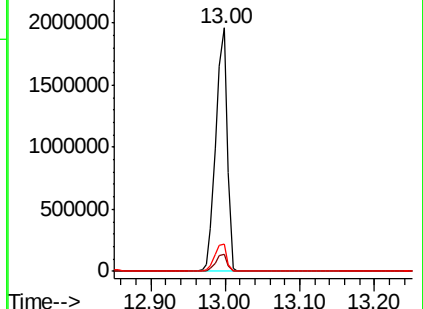
122 11.1 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.167 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

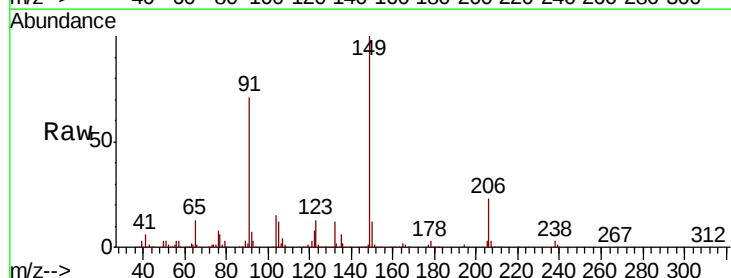
Tgt Ion:149 Resp: 723448

Ion Ratio Lower Upper

149 100

91 71.3 55.8 83.8

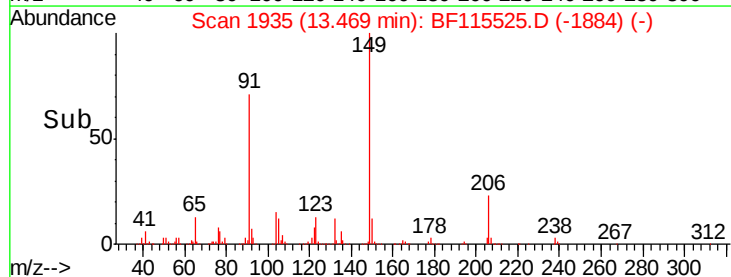
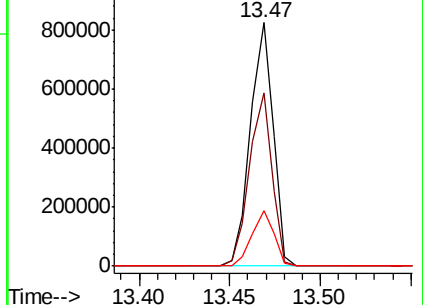
206 22.6 18.2 27.2

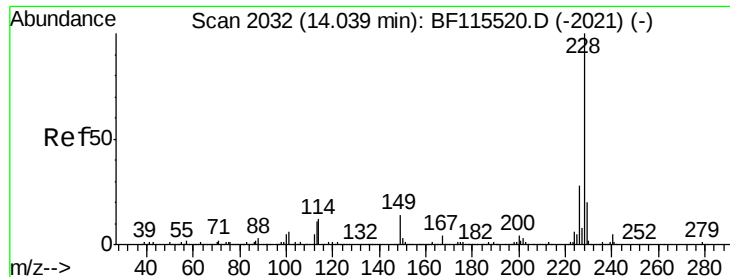


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.838 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

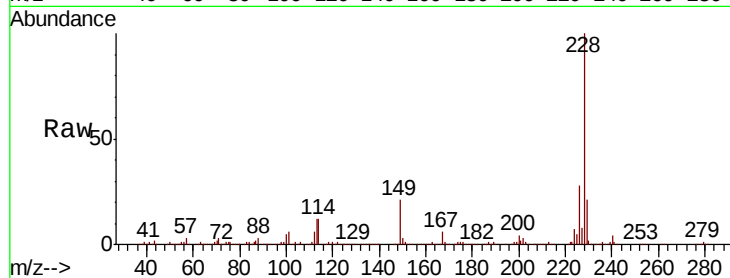
BNA_F

ClientSampleId :

ICVBF071219

Tot Ion:228 Resp: 1342820

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.0
229	20.5	17.2	25.8

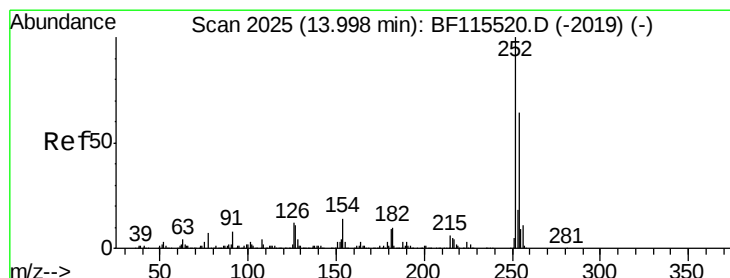
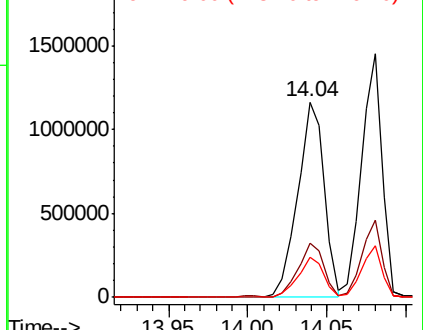
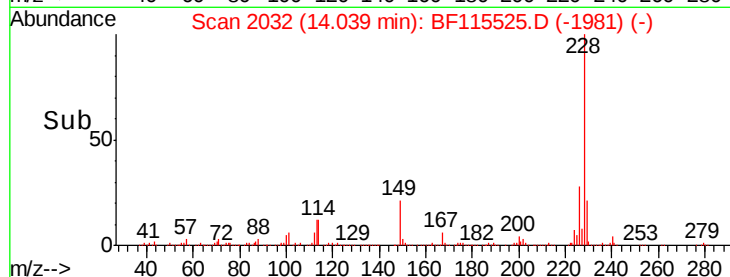


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.770 ng

RT: 14.00 min Scan# 2025

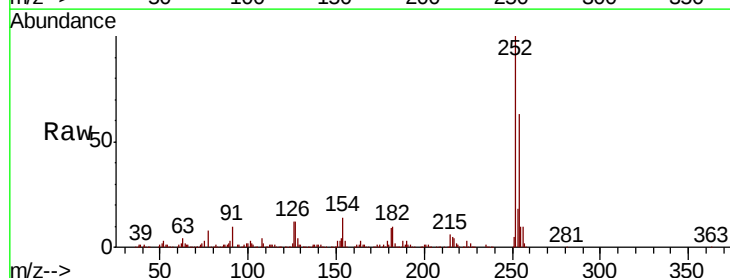
Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Tgt Ion:252 Resp: 488815

Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.9	79.3
126	12.5	9.9	14.9

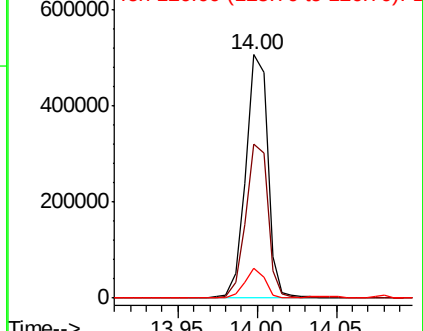
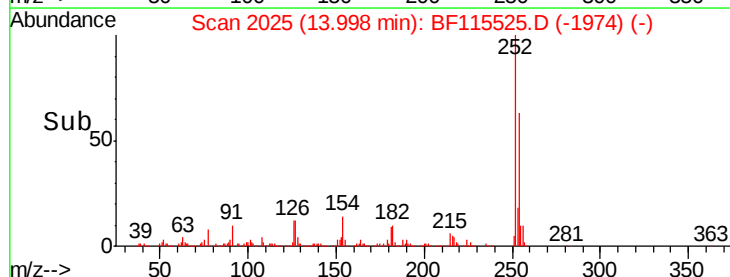


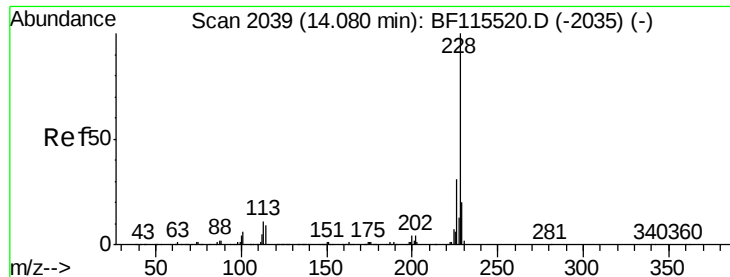
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.243 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

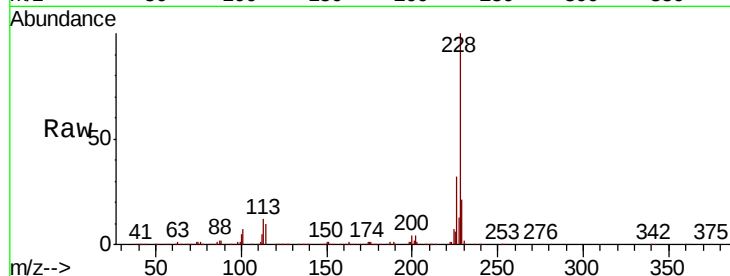
Tot Ion:228 Resp: 1327332

Ion Ratio Lower Upper

228 100

226 31.8 25.7 38.5

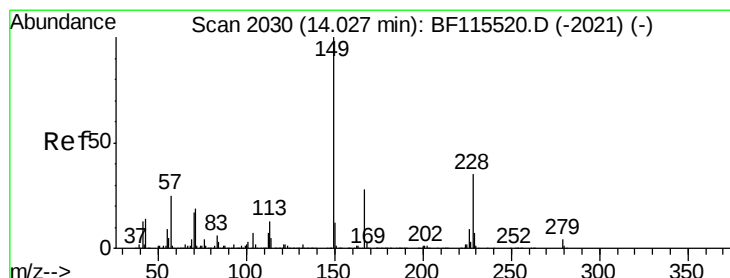
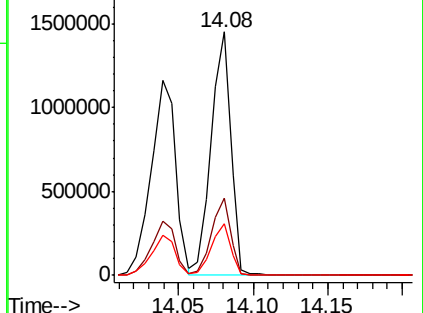
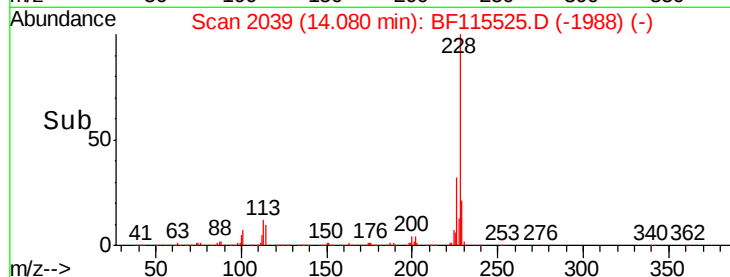
229 21.1 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.184 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

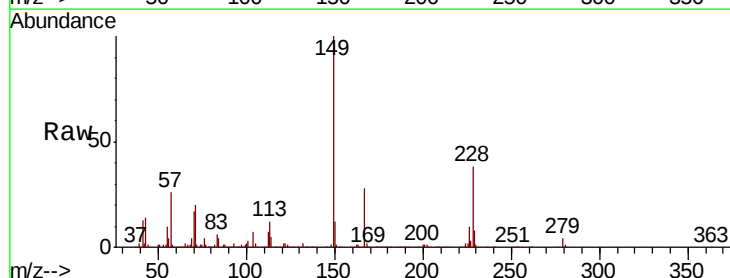
Tgt Ion:149 Resp: 920003

Ion Ratio Lower Upper

149 100

167 27.6 23.0 34.4

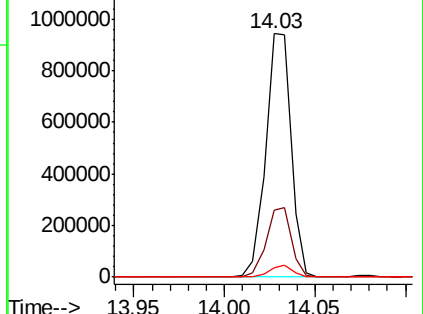
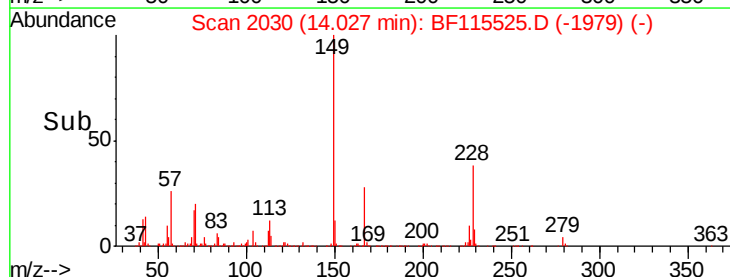
279 3.8 4.2 6.2#

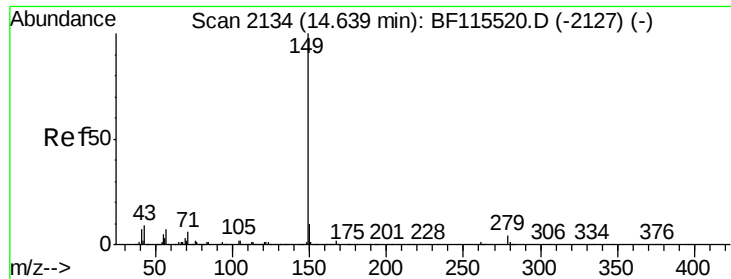


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.295 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

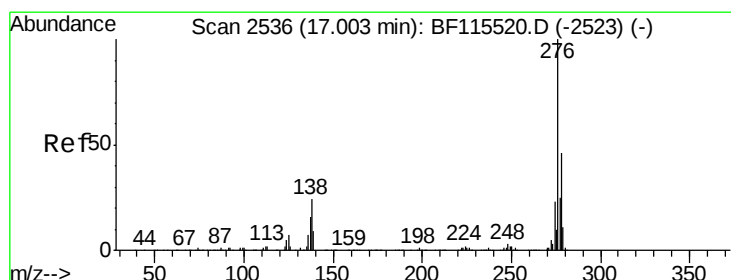
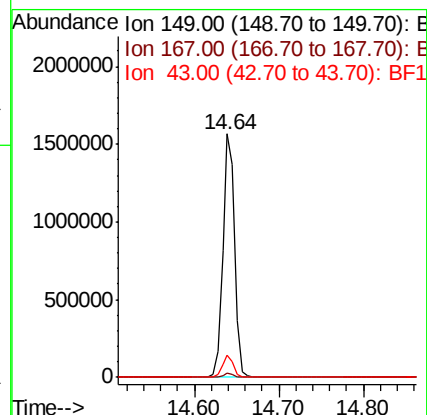
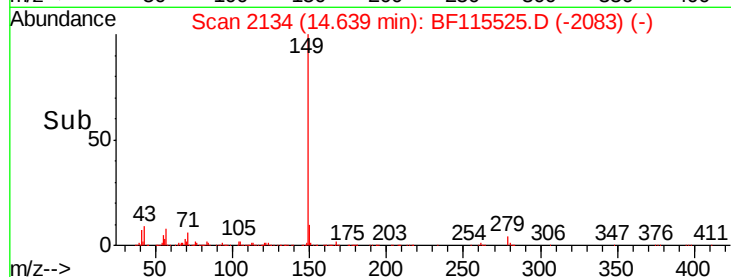
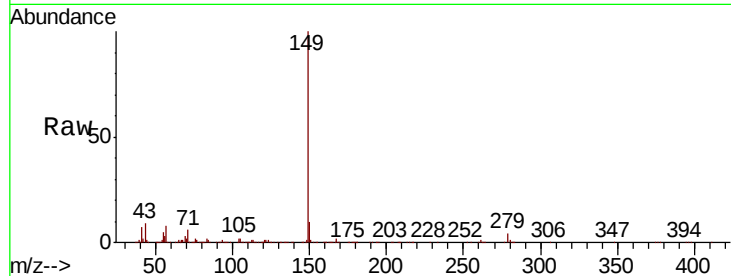
Tot Ion:149 Resp: 1542662

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 8.5 7.2 10.8



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.611 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

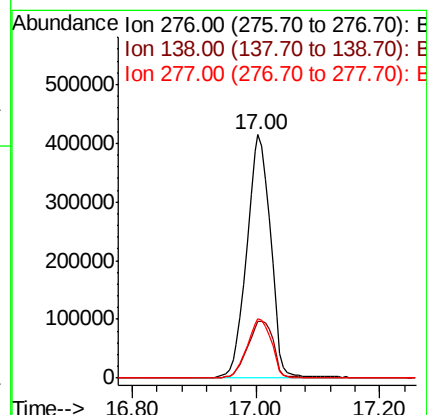
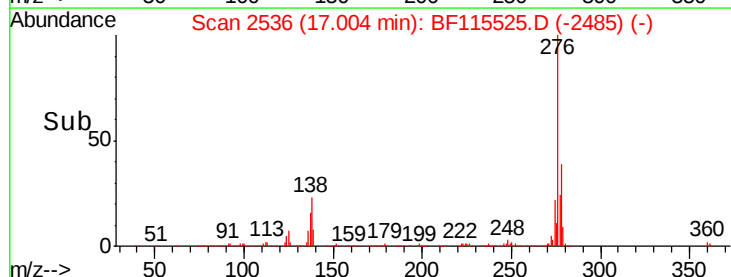
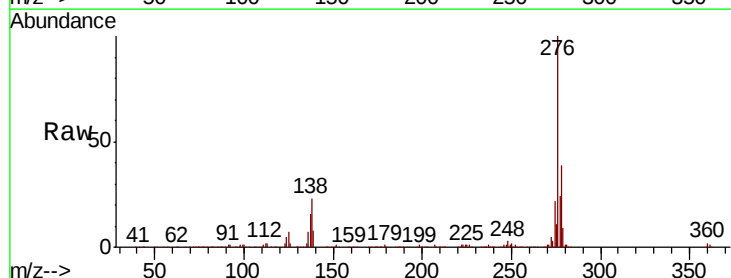
Tgt Ion:276 Resp: 1109050

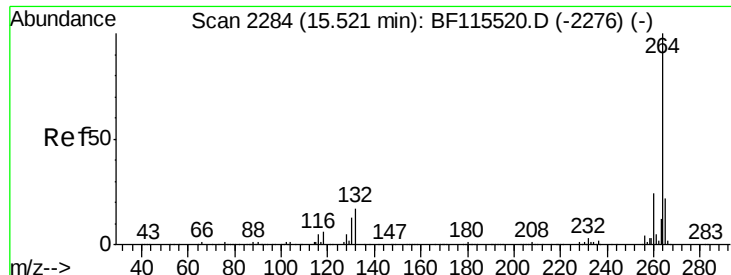
Ion Ratio Lower Upper

276 100

138 25.6 20.2 30.2

277 25.3 20.4 30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

BNA_F

ClientSampleId :

ICVBF071219

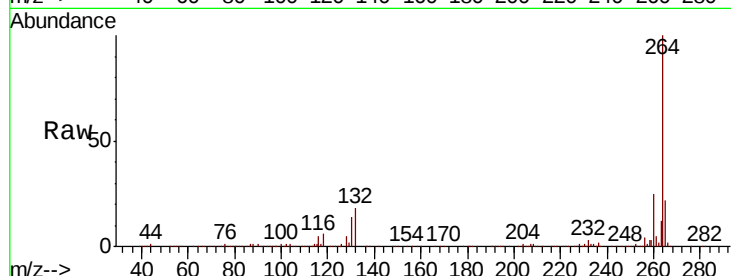
Tot Ion:264 Resp: 481035

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

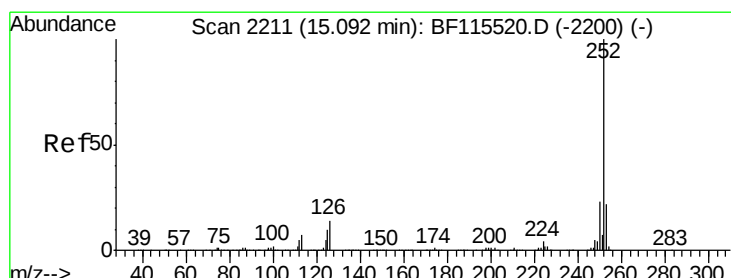
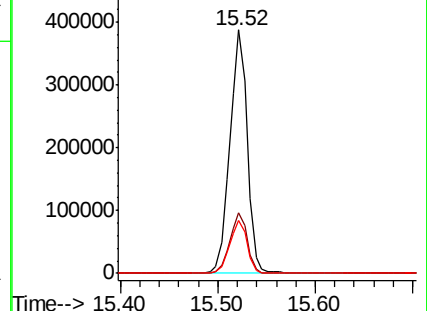
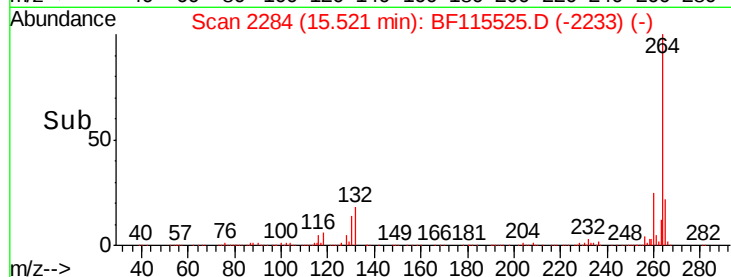
265 21.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.854 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

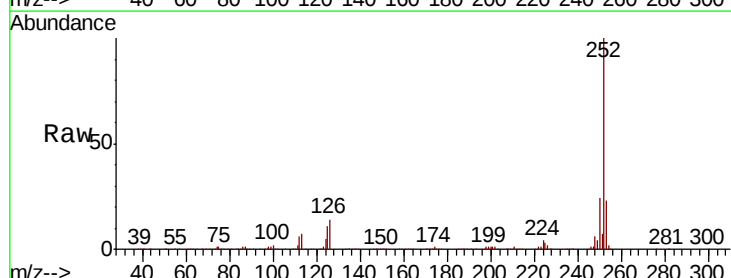
Tgt Ion:252 Resp: 1296419

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

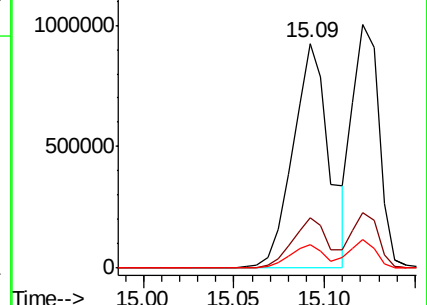
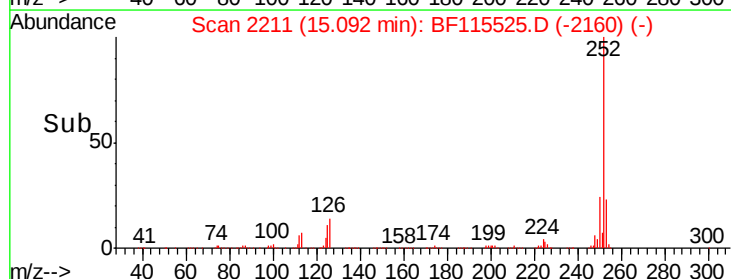
125 10.7 9.0 13.4

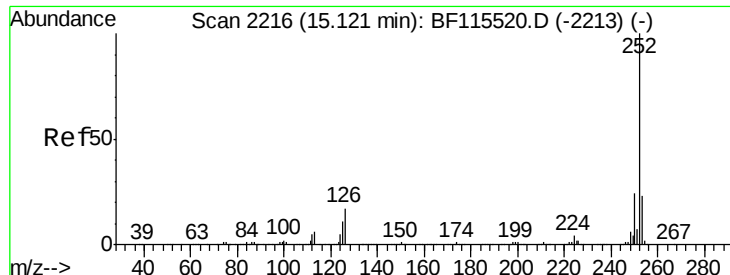


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

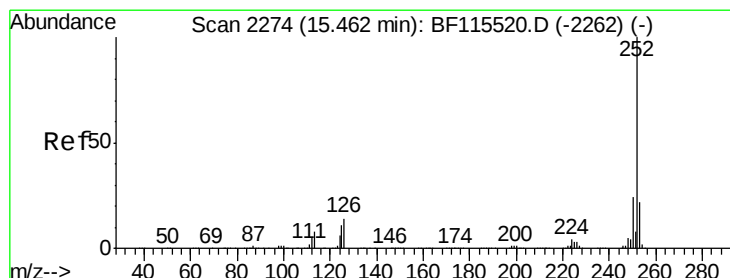
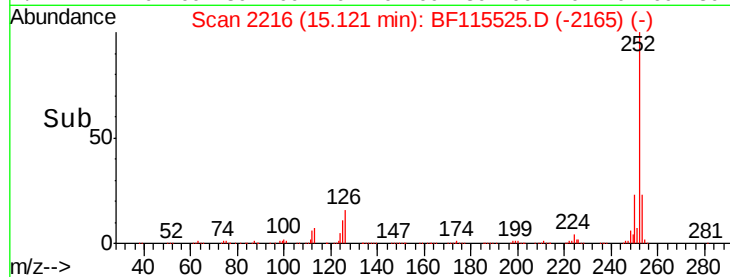
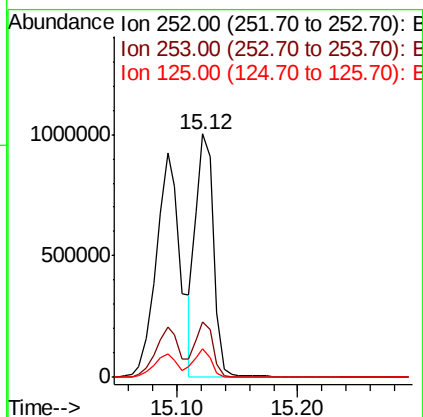
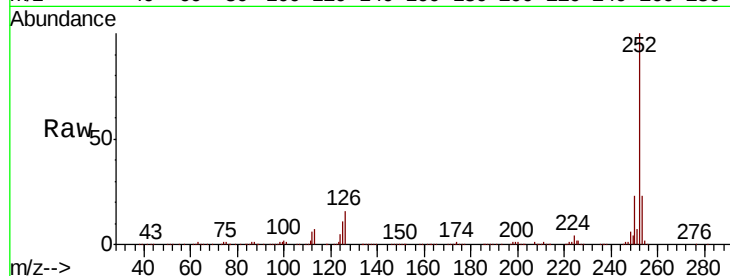




#89
Benzo(k)fluoranthene
Concen: 37.437 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

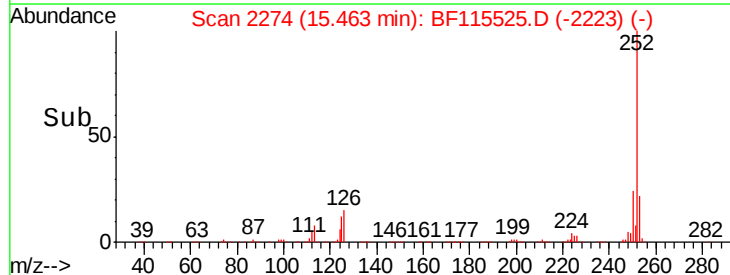
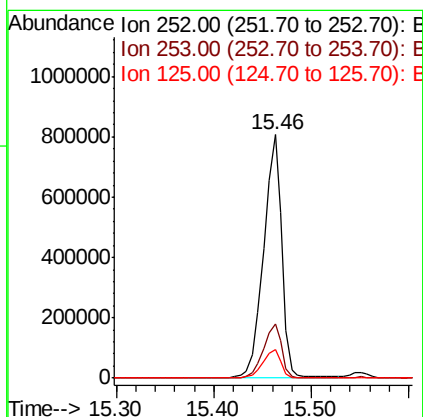
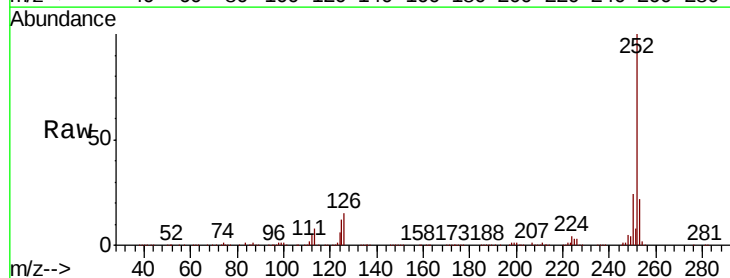
Instrument :
BNA_F
ClientSampled :
ICVBF071219

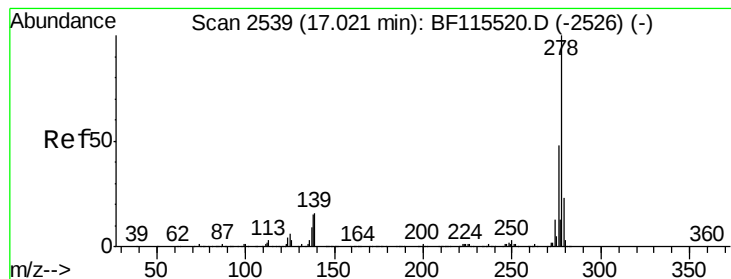
Tot Ion:252 Resp: 1033847
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 11.5 9.0 13.6



#90
Benzo(a)pyrene
Concen: 39.701 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF115525.D
Acq: 12 Jul 2019 13:53

Tgt Ion:252 Resp: 1056937
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.6 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 39.034 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Instrument :

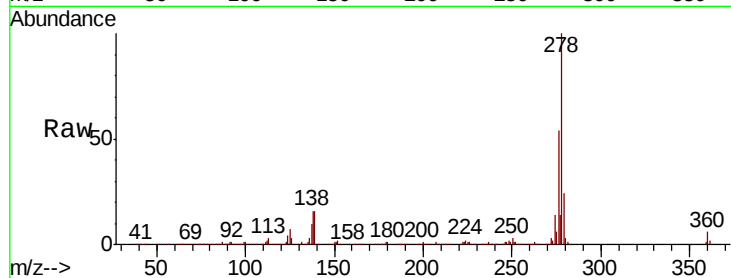
BNA_F

ClientSampleId :

ICVBF071219

Tot Ion:278 Resp: 912296

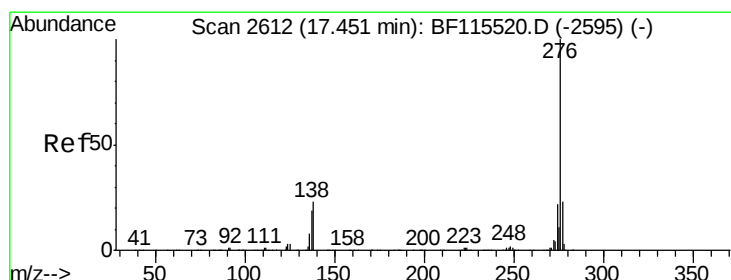
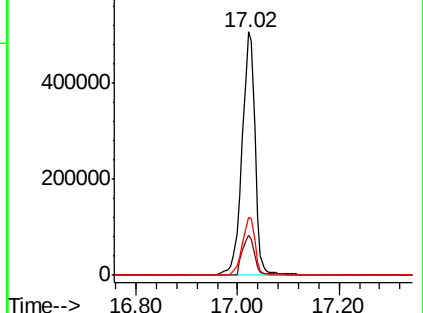
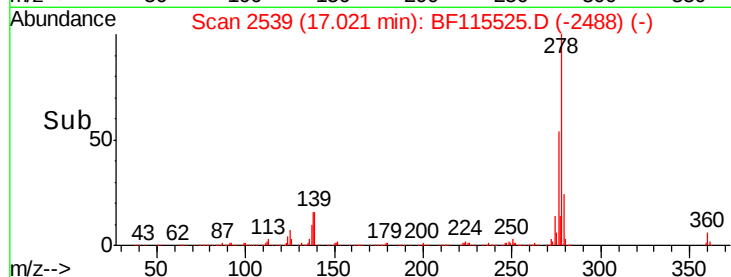
Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	23.6	19.6	29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.033 ng

RT: 17.45 min Scan# 2612

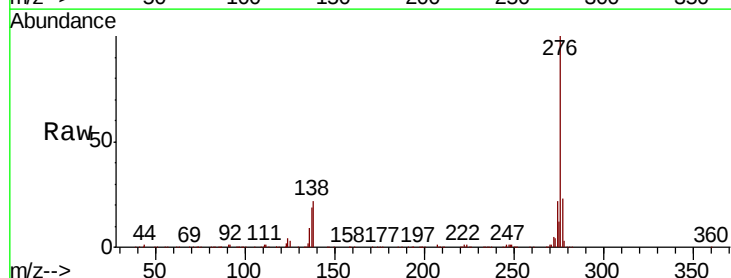
Delta R.T. 0.00 min

Lab File: BF115525.D

Acq: 12 Jul 2019 13:53

Tgt Ion:276 Resp: 886530

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	22.0	17.2	25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

