

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115588.D
 Acq On : 16 Jul 2019 10:53
 Operator : HP/JU
 Sample : PB121214BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:28:50 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	6.88	152	207606	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	859959	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	369416	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	713840	20.00	ng	0.00
76) Chrysene-d12	14.04	240	457559	20.00	ng	0.00
87) Perylene-d12	15.51	264	333279	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1351881	106.51	ng	0.02
7) Phenol-d6	6.52	99	1783609	110.75	ng	0.00
23) Nitrobenzene-d5	7.45	82	1124069	76.00	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	474857	110.13	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1760518	83.41	ng	0.00
79) Terphenyl-d14	12.99	244	1850238	74.61	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	204814	32.351	ng	99
3) Pyridine	3.53	79	527515	30.711	ng	99
4) n-Nitrosodimethylamine	3.48	42	231767	37.194	ng	96
6) Aniline	6.55	93	563431	25.140	ng	99
8) 2-Chlorophenol	6.67	128	550126	37.699	ng	96
9) Benzaldehyde	6.43	77	79208	7.870	ng	99
10) Phenol	6.53	94	696184	37.238	ng	86
11) bis(2-Chloroethyl)ether	6.62	93	530753	37.288	ng	99
12) 1,3-Dichlorobenzene	6.83	146	580410	35.377	ng	99
13) 1,4-Dichlorobenzene	6.90	146	582848	35.606	ng	99
14) 1,2-Dichlorobenzene	7.06	146	540850	36.143	ng	97
15) Benzyl Alcohol	7.02	79	479749	37.552	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	735488	39.248	ng	96
17) 2-Methylphenol	7.13	107	478566	38.055	ng	99
18) Hexachloroethane	7.40	117	216468	35.627	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	385056	36.660	ng	98
20) 3+4-Methylphenols	7.29	107	562758	37.674	ng	96
22) Acetophenone	7.29	105	754547	38.839	ng	# 94
24) Nitrobenzene	7.46	77	606048	37.993	ng	97
25) Isophorone	7.70	82	1146776	38.750	ng	99
26) 2-Nitrophenol	7.78	139	317395	38.657	ng	97
27) 2,4-Dimethylphenol	7.82	122	532289	43.328	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	700384	38.577	ng	100
29) 2,4-Dichlorophenol	8.02	162	489151	38.285	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	529350	36.653	ng	97
31) Naphthalene	8.19	128	1610024	38.658	ng	98
32) Benzoic acid	7.95	122	399984	39.673	ng	99
33) 4-Chloroaniline	8.23	127	380154	20.607	ng	99
34) Hexachlorobutadiene	8.31	225	298019	35.984	ng	99
35) Caprolactam	8.60	113	93411	23.660	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	445606	33.623	ng	100
37) 2-Methylnaphthalene	8.88	142	953077	34.523	ng	98
38) 1-Methylnaphthalene	8.98	142	889418	33.918	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	437842	39.359	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	361796	57.013	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	307684	37.821	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	326121	39.144	ng	100
46) 1,1'-Biphenyl	9.35	154	1153331	39.935	ng	98
47) 2-Chloronaphthalene	9.37	162	909751	37.831	ng	98
48) 2-Nitroaniline	9.46	65	269174	36.165	ng	99
49) Acenaphthylene	9.79	152	1369359	38.430	ng	98
50) Dimethylphthalate	9.65	163	1057112	38.034	ng	99
51) 2,6-Dinitrotoluene	9.70	165	245015	38.791	ng	89
52) Acenaphthene	9.96	154	966038	41.993	ng	99
53) 3-Nitroaniline	9.87	138	176540	24.458	ng	99
54) 2,4-Dinitrophenol	9.98	184	252483	77.857	ng	91
55) Dibenzofuran	10.13	168	1235433	37.816	ng	100
56) 4-Nitrophenol	10.03	139	382286	69.455	ng	99
57) 2,4-Dinitrotoluene	10.10	165	328589	40.155	ng	98
58) Fluorene	10.47	166	927931	39.731	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	283876	40.760	ng	98
60) Diethylphthalate	10.35	149	1018300	39.103	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	479441	37.018	ng	99
62) 4-Nitroaniline	10.49	138	242157	34.975	ng	99
63) Azobenzene	10.62	77	978522	38.739	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	164244	37.659	ng	100
66) n-Nitrosodiphenylamine	10.58	169	848688	38.221	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	304795	37.364	ng	98
68) Hexachlorobenzene	11.02	284	343384	36.860	ng	# 92
69) Atrazine	11.10	200	261313	35.873	ng	99
70) Pentachlorophenol	11.22	266	403755	70.862	ng	99
71) Phenanthrene	11.43	178	1402090	38.318	ng	98
72) Anthracene	11.49	178	1425876	37.706	ng	99
73) Carbazole	11.63	167	1259538	37.982	ng	100
74) Di-n-butylphthalate	11.97	149	1554501	38.057	ng	99
75) Fluoranthene	12.62	202	1442584	37.308	ng	99
77) Benzidine	12.73	184	314844	19.424	ng	99
78) Pyrene	12.85	202	1456582	37.574	ng	98
80) Butylbenzylphthalate	13.46	149	632585	38.279	ng	97
81) Benzo(a)anthracene	14.03	228	1122614	37.242	ng	96
82) 3,3'-Dichlorobenzidine	13.99	252	331629	30.947	ng	99
83) Chrysene	14.07	228	1149631	37.991	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	816474	39.886	ng	# 98
85) Di-n-octyl phthalate	14.63	149	1331268	40.874	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	904099	35.167	ng	99
88) Benzo(b)fluoranthene	15.08	252	1032789	48.125	ng	100
89) Benzo(k)fluoranthene	15.12	252	944005	49.339	ng	97
90) Benzo(a)pyrene	15.45	252	892754	48.401	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	772351	47.697	ng	99
92) Benzo(g,h,i)perylene	17.43	276	746243	46.208	ng	99

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

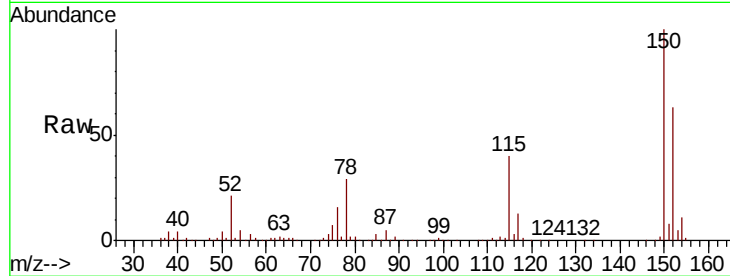


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	129.7	194.5
115	63.4	48.2	72.4

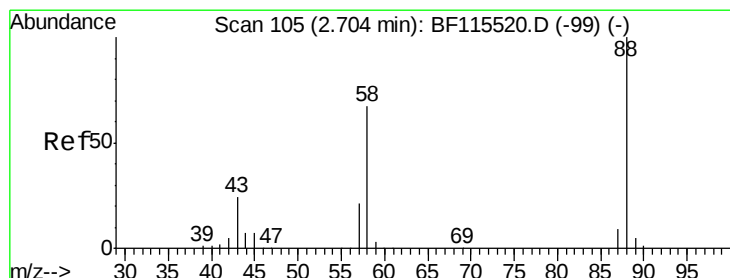
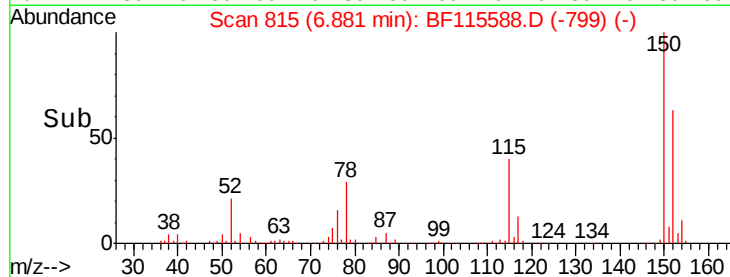
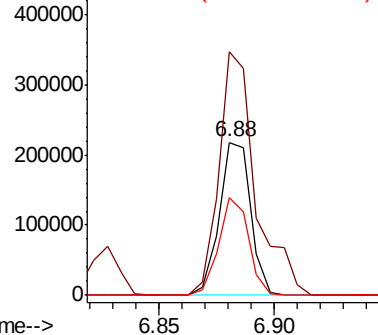


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

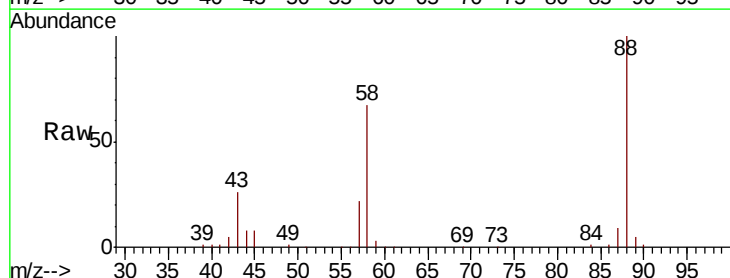
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.351 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.09 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	52.6	79.0
43	24.6	19.1	28.7

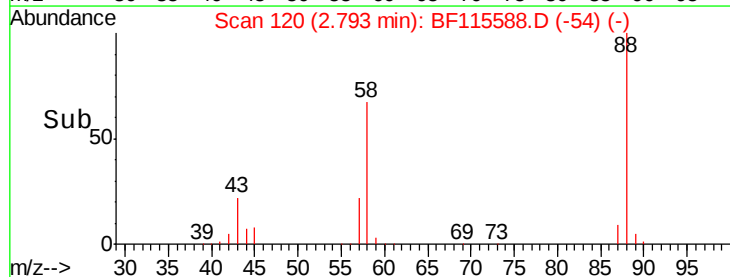
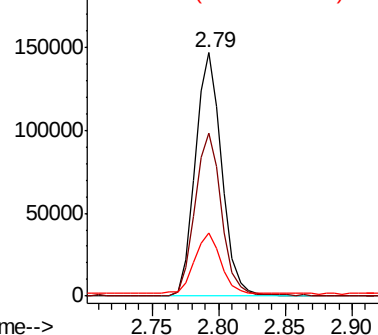


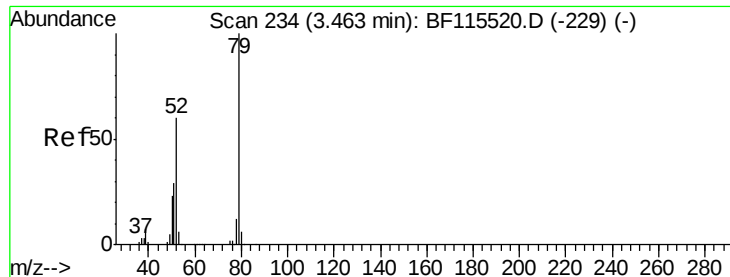
Abundance

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: 30.711 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.07 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

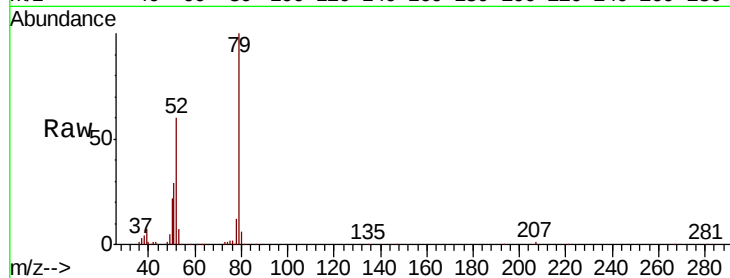
Tot Ion: 79 Resp: 527515

Ion Ratio Lower Upper

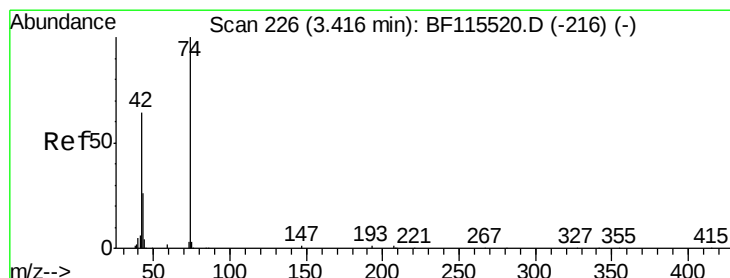
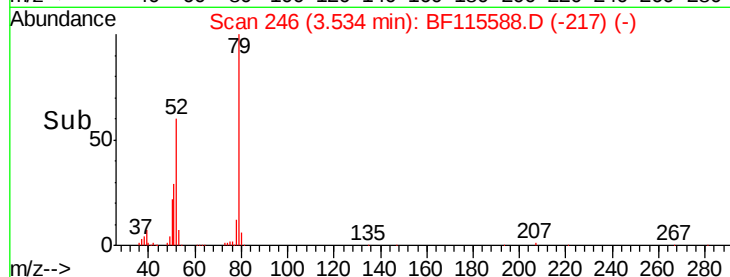
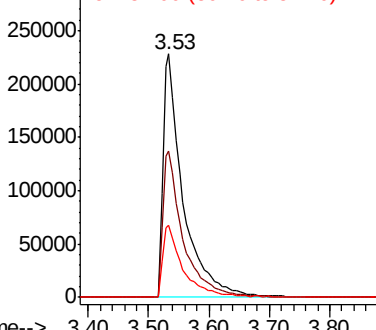
79 100

52 60.1 47.8 71.6

51 29.4 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: 37.194 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

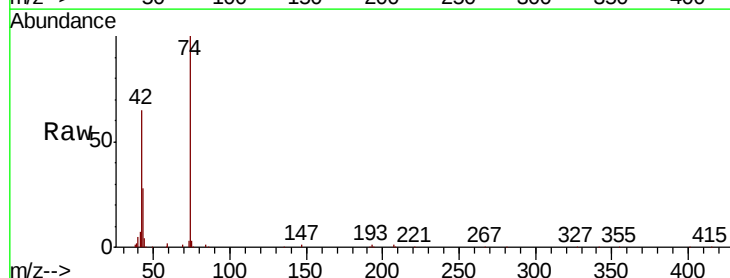
Tgt Ion: 42 Resp: 231767

Ion Ratio Lower Upper

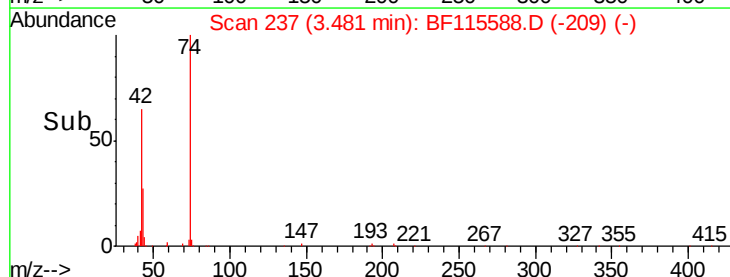
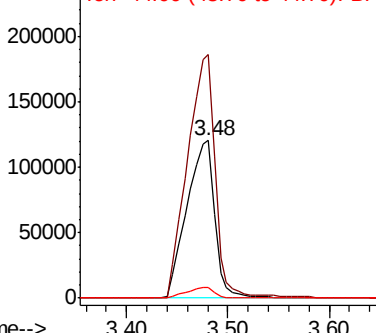
42 100

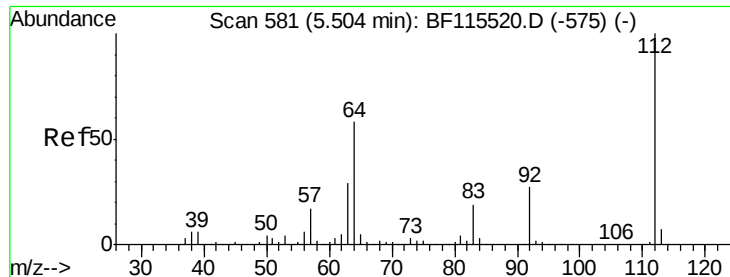
74 154.6 127.5 191.3

44 6.5 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: 106.514 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :

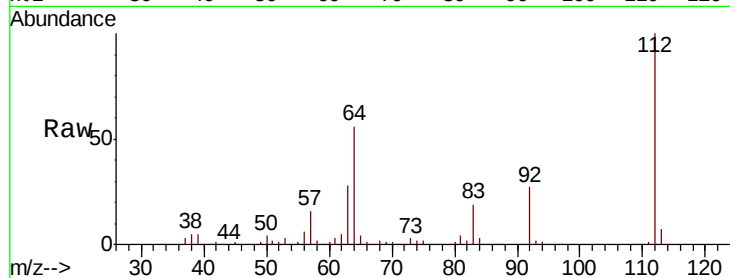
Tot Ion:112 Resp: 1351881

Ion Ratio Lower Upper

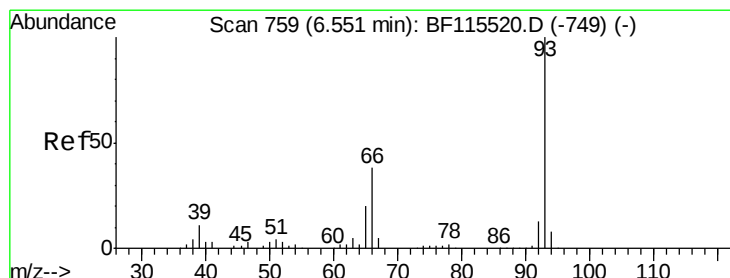
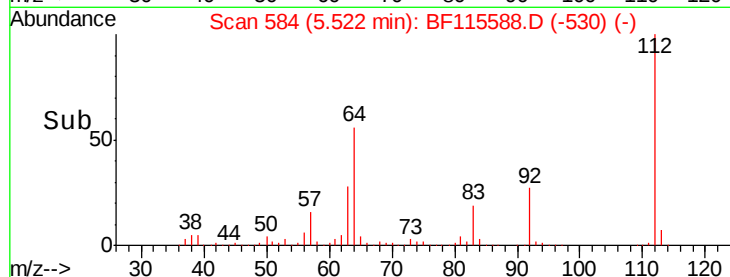
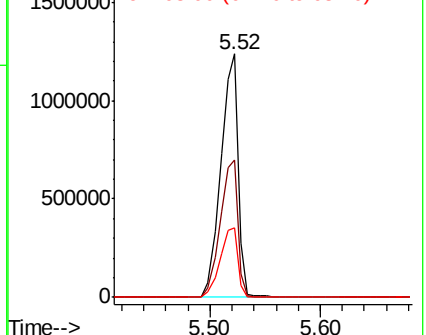
112 100

64 56.3 46.8 70.2

63 28.4 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: 25.140 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

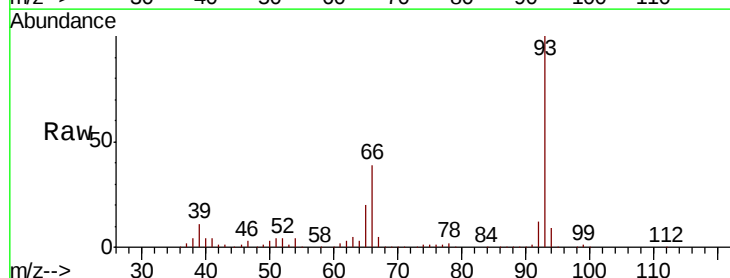
Tgt Ion: 93 Resp: 563431

Ion Ratio Lower Upper

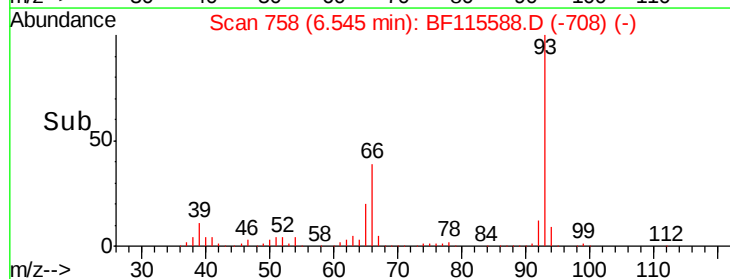
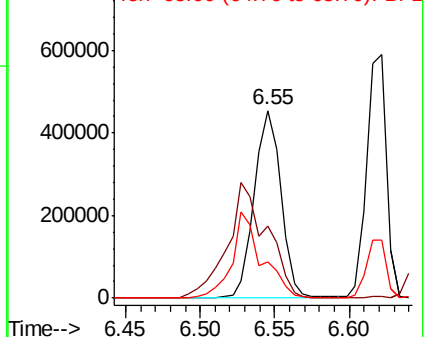
93 100

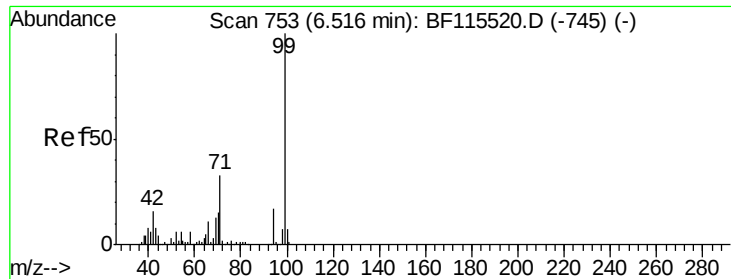
66 38.7 31.7 47.5

65 19.6 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: 110.750 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

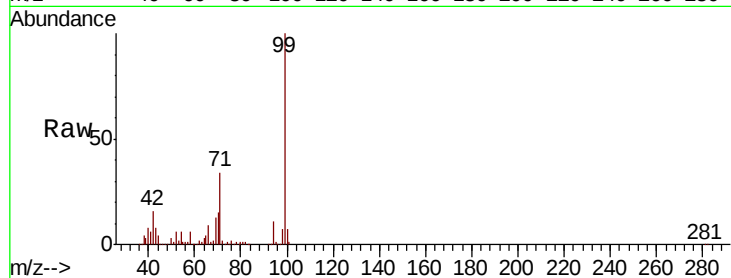
Tot Ion: 99 Resp: 1783609

Ion Ratio Lower Upper

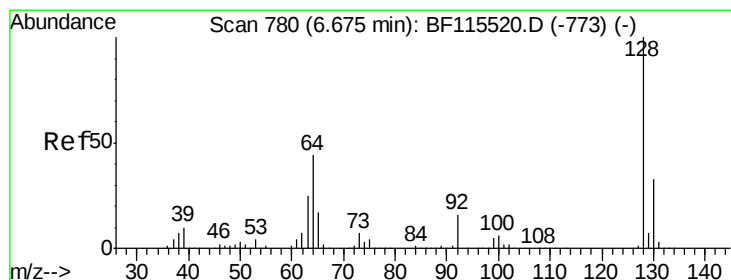
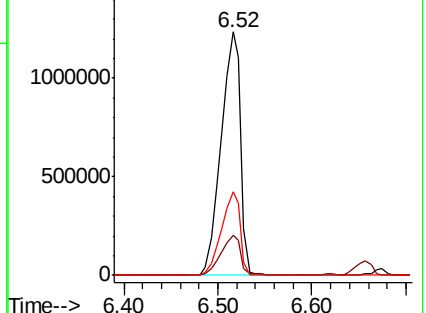
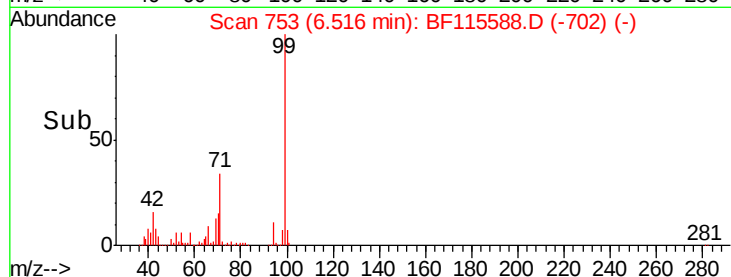
99 100

42 16.5 13.6 20.4

71 34.3 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: 37.699 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

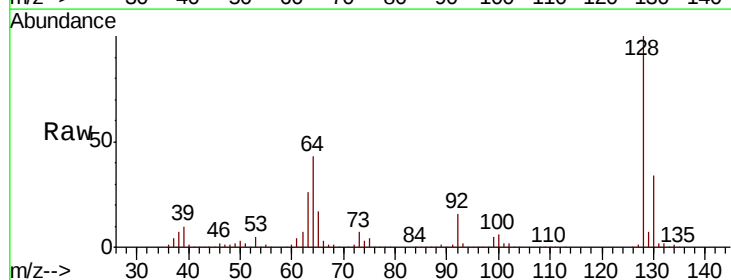
Tgt Ion:128 Resp: 550126

Ion Ratio Lower Upper

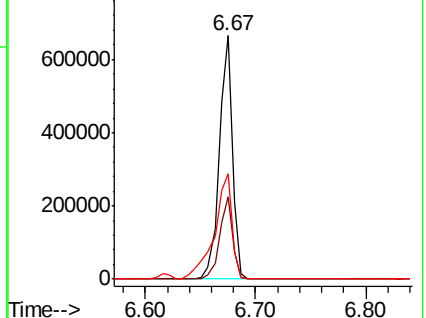
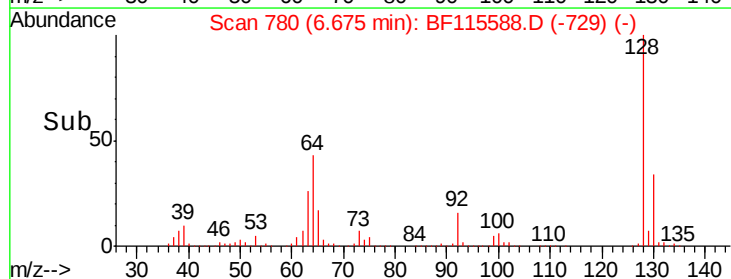
128 100

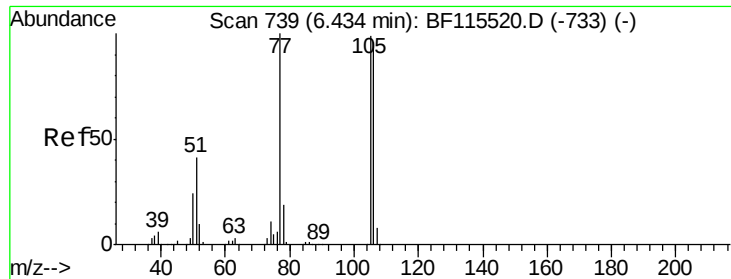
130 33.7 12.8 52.8

64 43.2 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

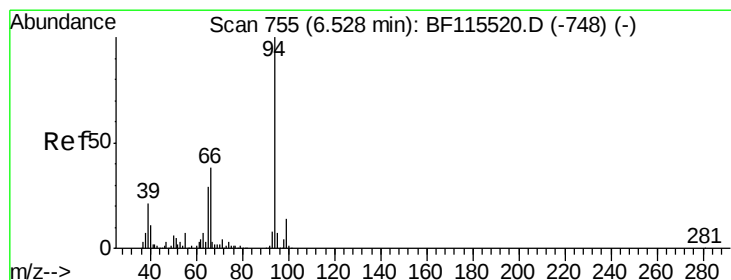
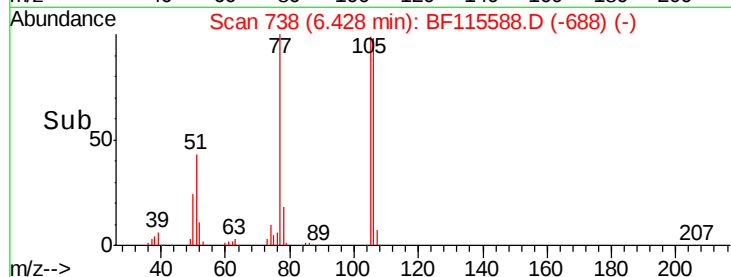
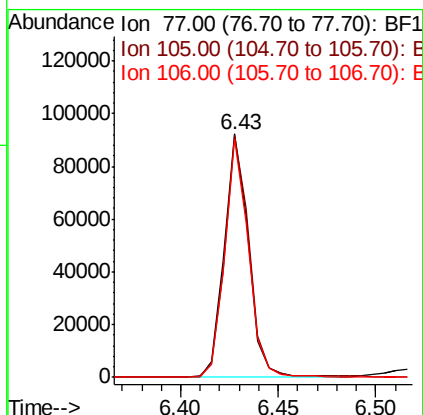
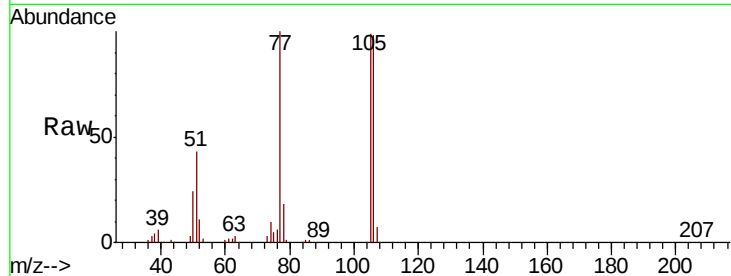




#9
Benzaldehyde
Concen: 7.870 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

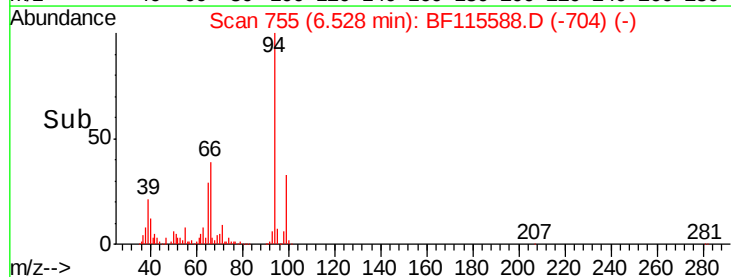
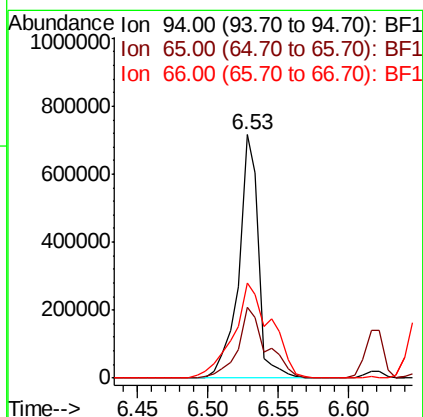
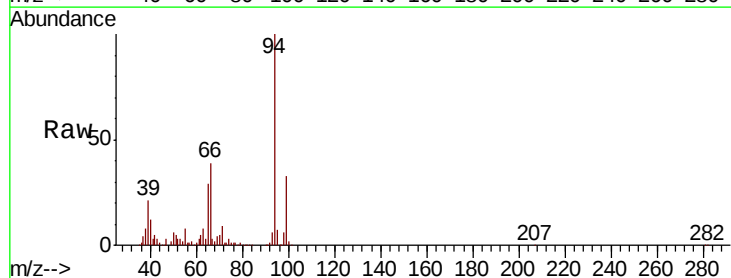
Instrument :
BNA_F
ClientSampled :

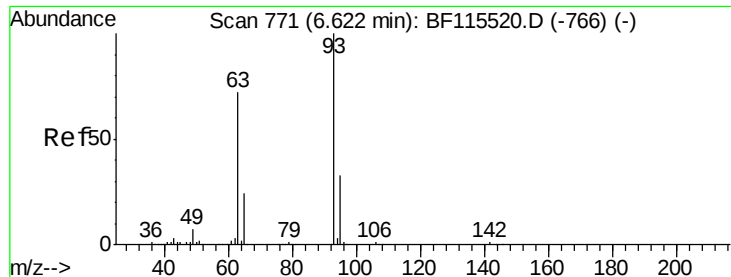
Tot Ion	Ratio	Lower	Upper
77	100		
105	99.3	78.8	118.8
106	97.9	75.6	115.6



#10
Phenol
Concen: 37.238 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	14.5	54.5
66	39.1	31.3	71.3

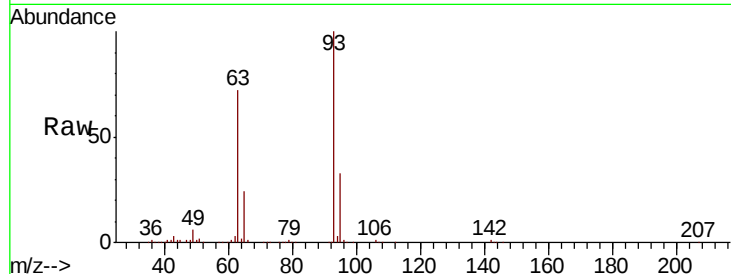




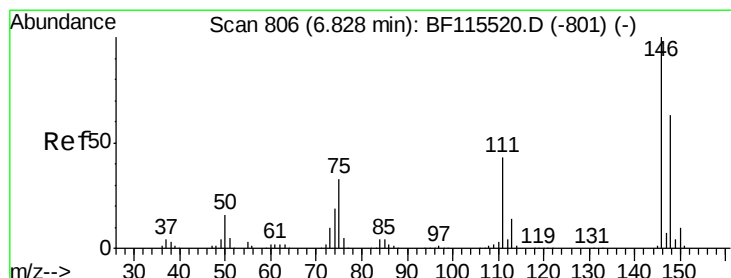
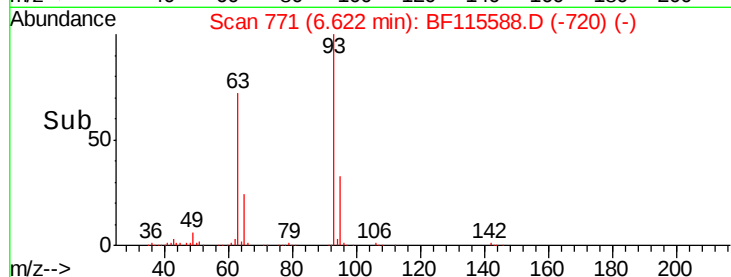
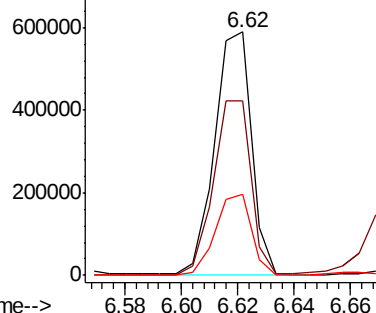
#11
bis(2-Chloroethyl)ether
Concen: 37.288 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 530753
Ion Ratio Lower Upper
93 100
63 71.6 52.2 92.2
95 33.2 12.9 52.9

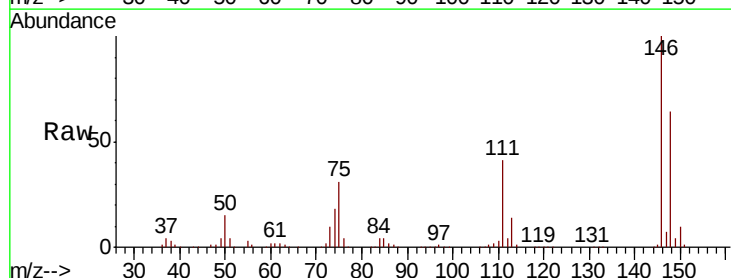


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

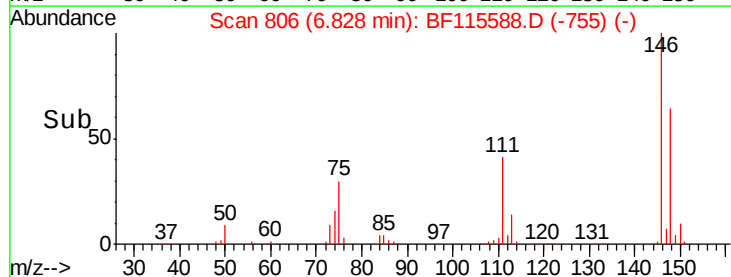
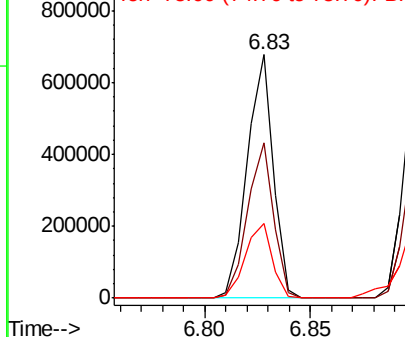


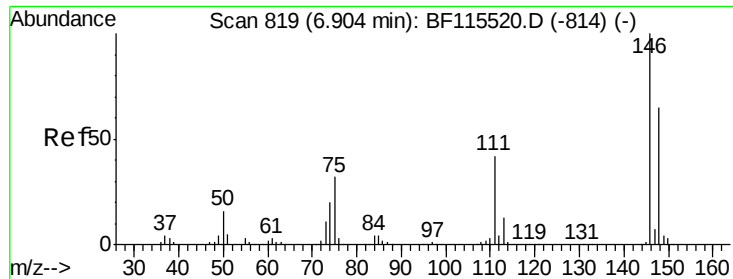
#12
1,3-Dichlorobenzene
Concen: 35.377 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion: 146 Resp: 580410
Ion Ratio Lower Upper
146 100
148 63.6 52.1 78.1
75 30.8 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

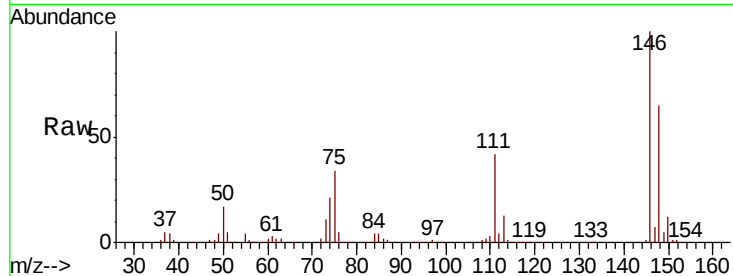




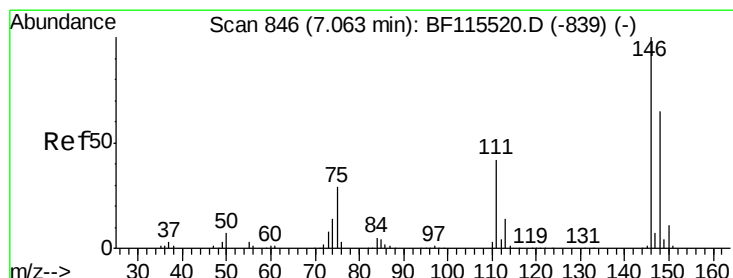
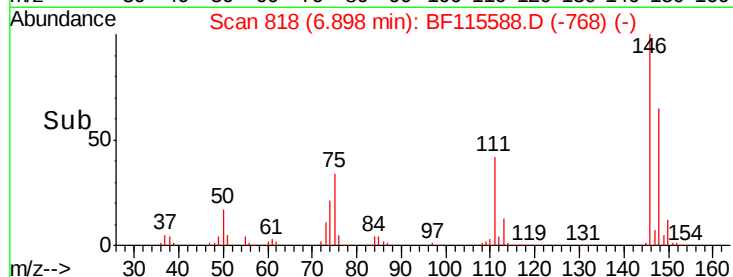
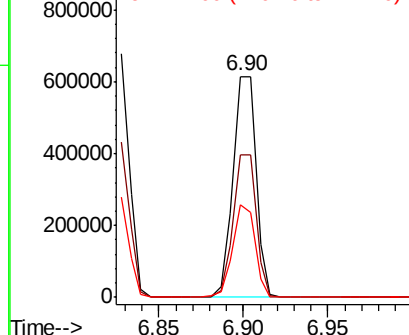
#13
 1,4-Dichlorobenzene
 Concen: 35.606 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 582848
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.6
 111 42.0 35.5 53.3

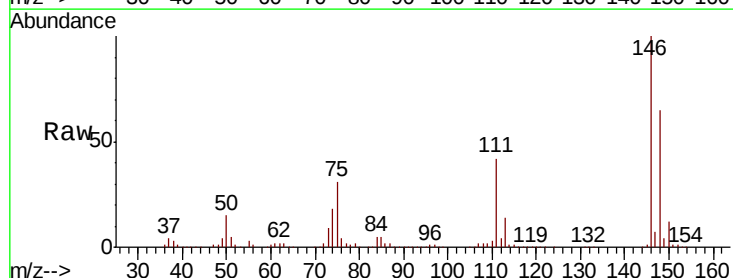


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

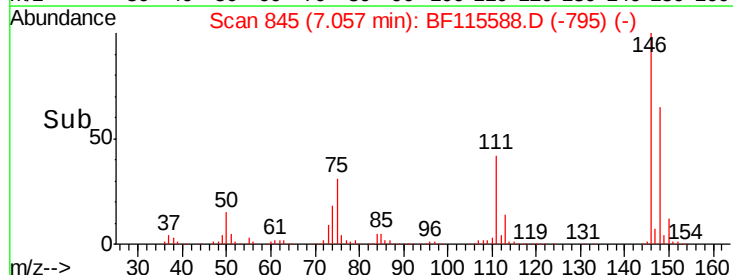
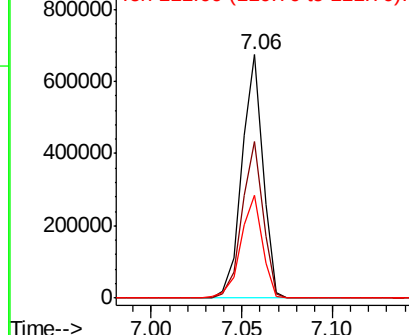


#14
 1,2-Dichlorobenzene
 Concen: 36.143 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion:146 Resp: 540850
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.1 76.7
 111 42.3 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: 37.552 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

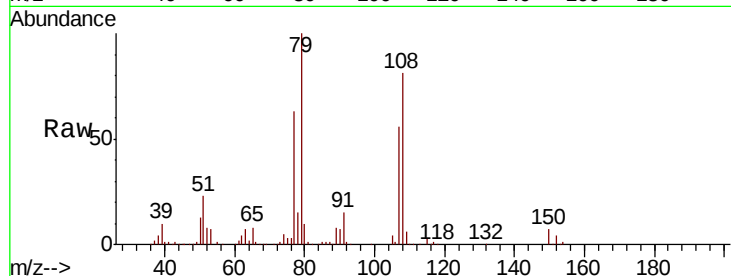
Tot Ion: 79 Resp: 479749

Ion Ratio Lower Upper

79 100

108 80.6 64.2 96.4

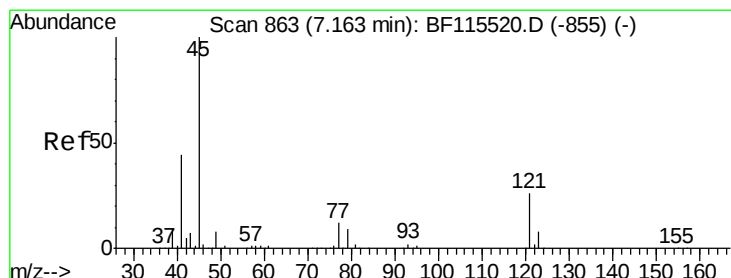
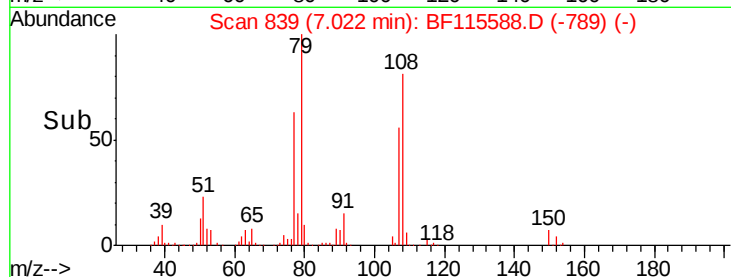
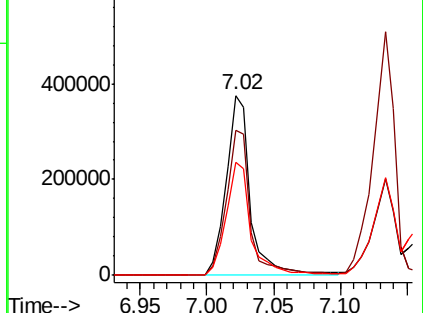
77 62.8 51.8 77.8



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: 39.248 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

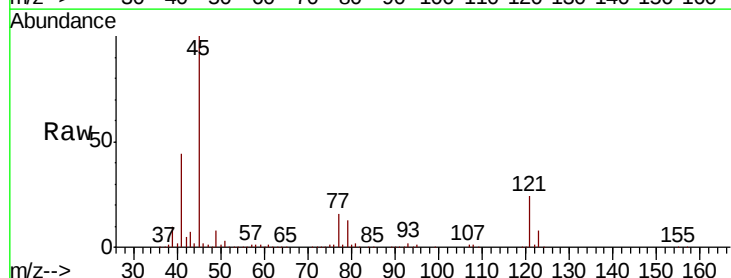
Tgt Ion: 45 Resp: 735488

Ion Ratio Lower Upper

45 100

77 16.4 0.0 38.1

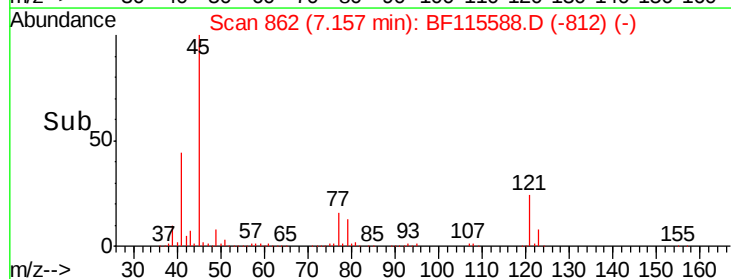
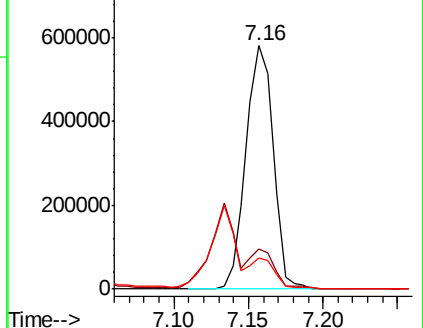
79 12.6 0.0 34.1

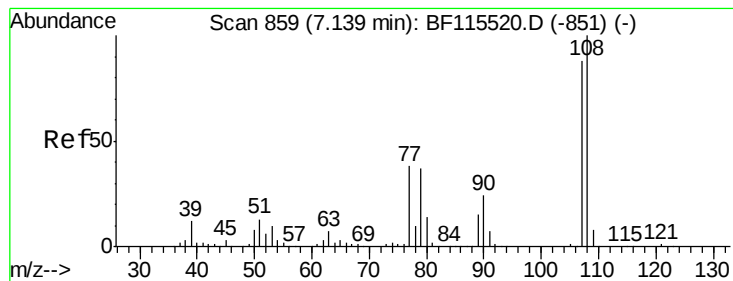


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

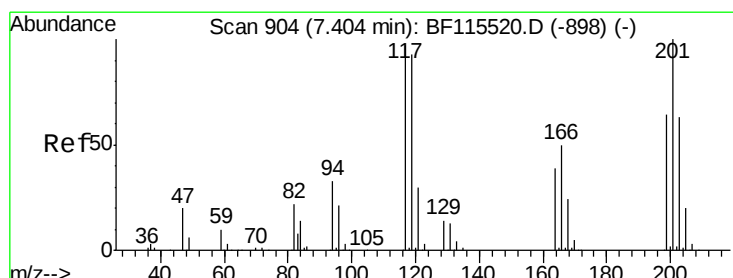
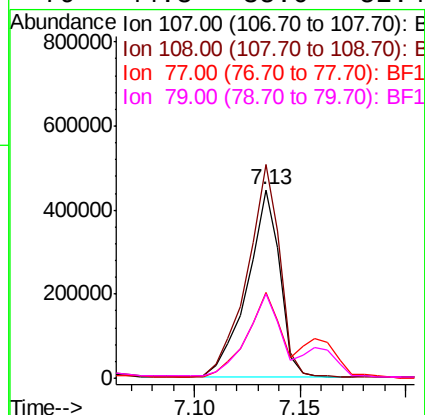
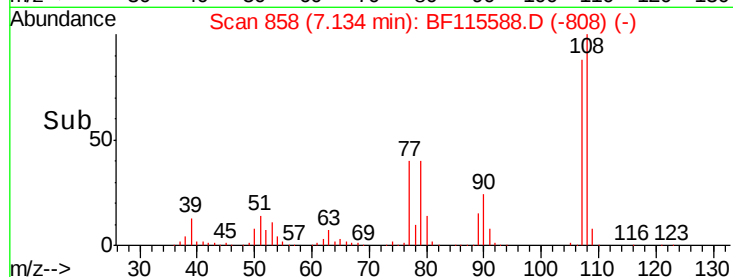
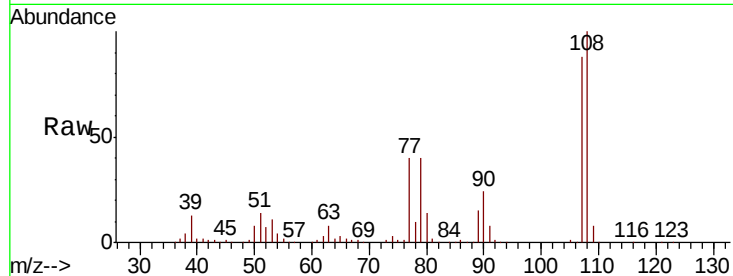




#17
2-Methylphenol
Concen: 38.055 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

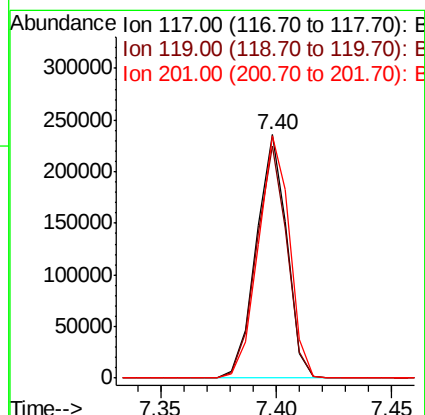
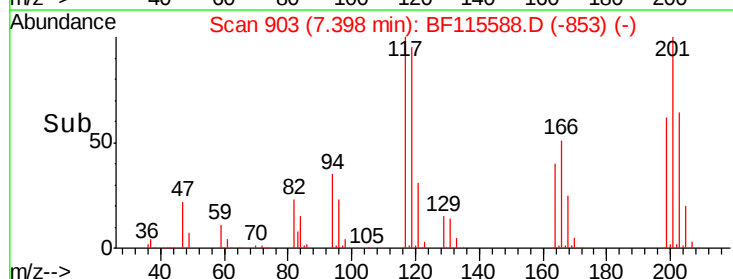
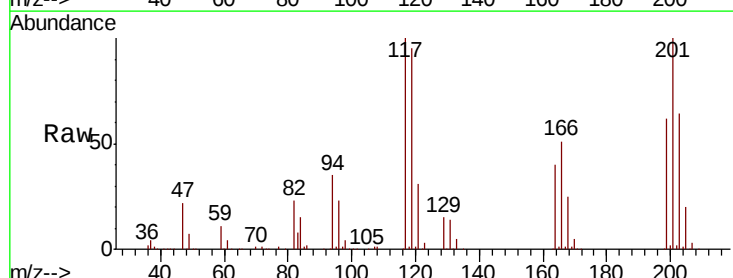
Instrument :
BNA_F
ClientSampleId :

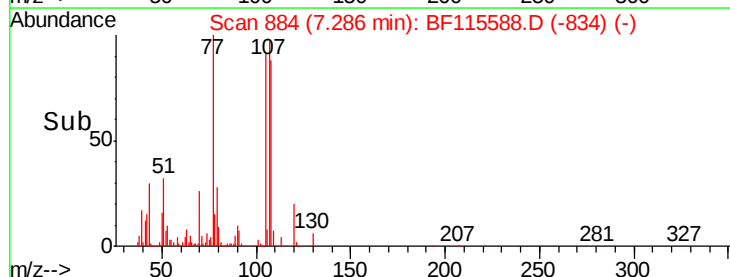
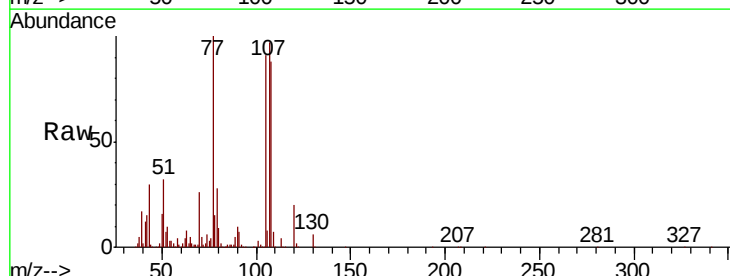
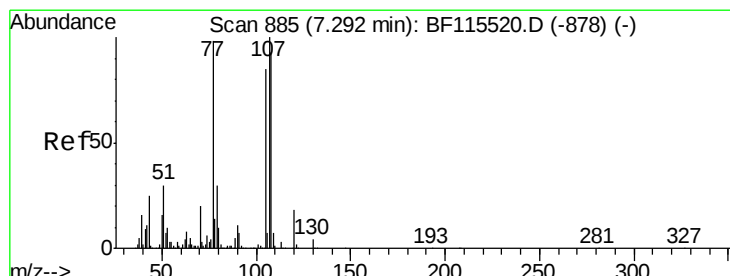
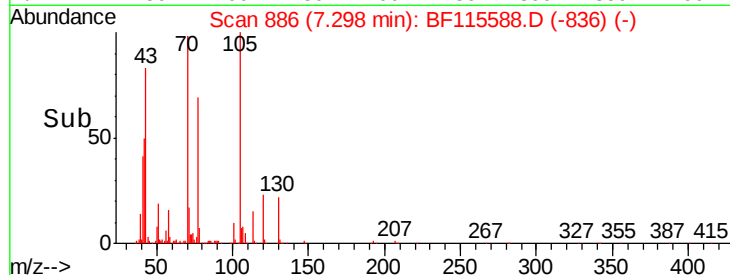
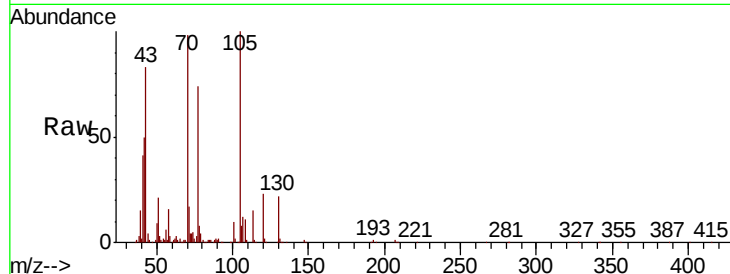
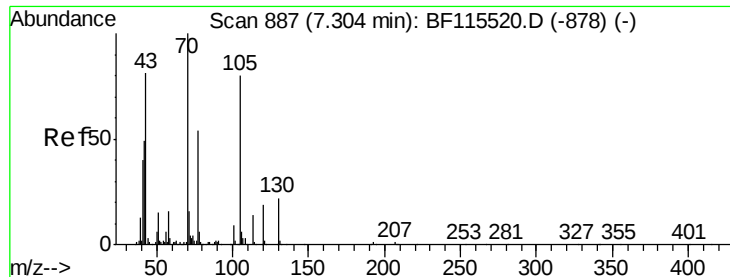
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.4	134.2
77	45.6	35.7	53.5
79	44.8	35.0	52.4



#18
Hexachloroethane
Concen: 35.627 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.7	116.5
201	99.5	86.0	129.0

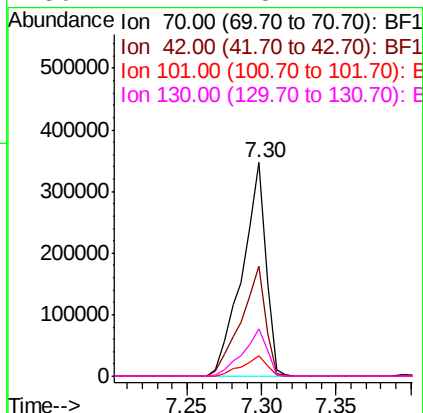




#19
n-Nitroso-di-n-propylamine
Concen: 36.660 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

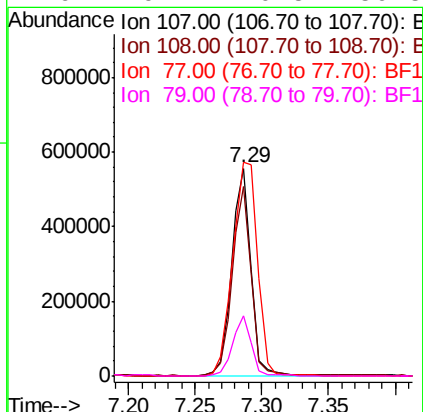
Instrument :
BNA_F
ClientSampled :

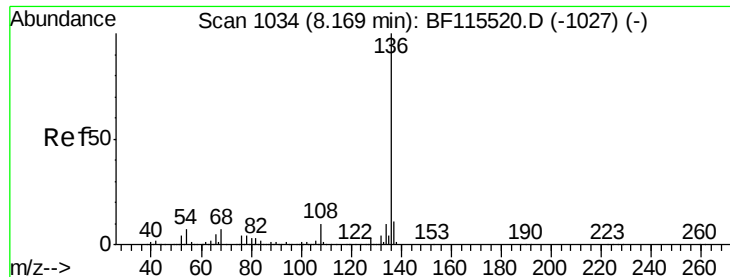
Tot Ion:	70	Resp:	385056
Ion	Ratio	Lower	Upper
70	100		
42	51.5	39.6	59.4
101	9.8	8.1	12.1
130	22.1	18.2	27.2



#20
3+4-Methylphenols
Concen: 37.674 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:	107	Resp:	562758
Ion	Ratio	Lower	Upper
107	100		
108	90.8	72.9	112.9
77	102.7	77.6	117.6
79	29.2	10.5	50.5

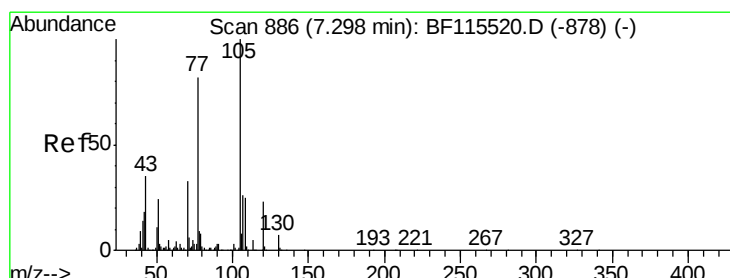
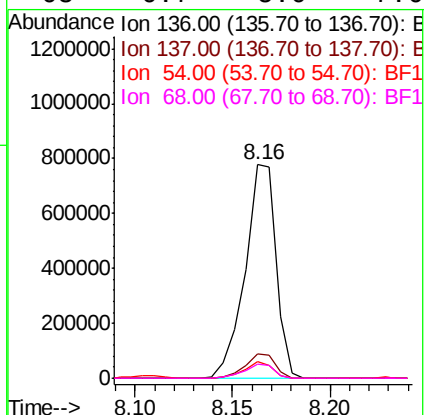
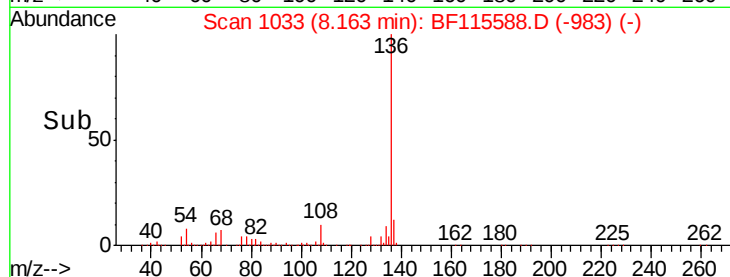
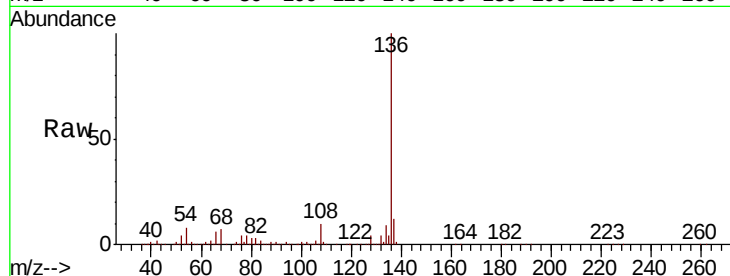




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

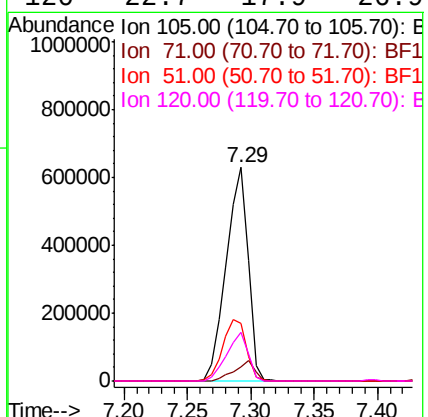
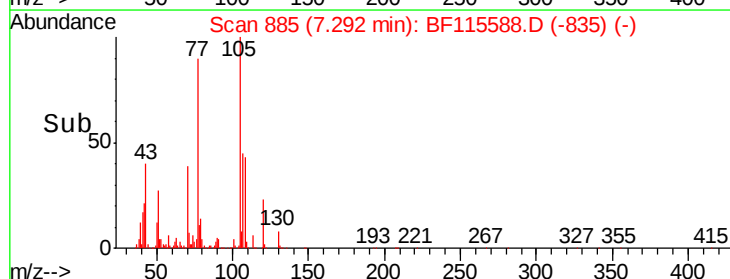
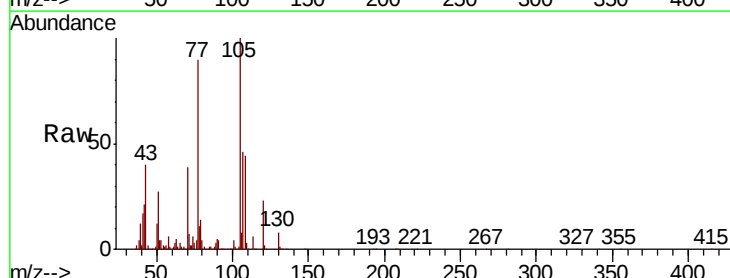
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 859959
Ion Ratio	Lower Upper
136 100	
137 11.5	9.0 13.4
54 7.6	5.6 8.4
68 6.7	5.0 7.6



#22
Acetophenone
Concen: 38.839 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt	Ion:105	Resp:	754547
Ion	Ratio	Lower	Upper
105	100		
71	6.6	3.5	5.3#
51	26.9	25.6	38.4
120	22.7	17.9	26.9

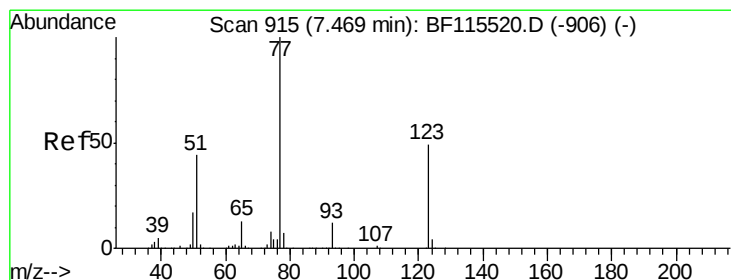
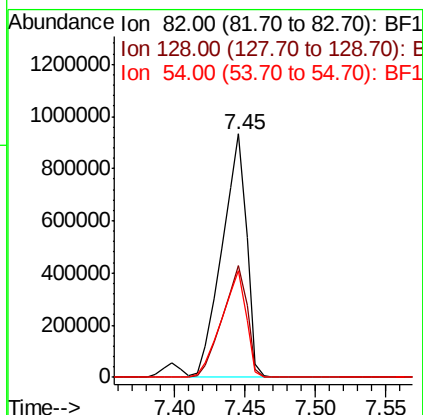
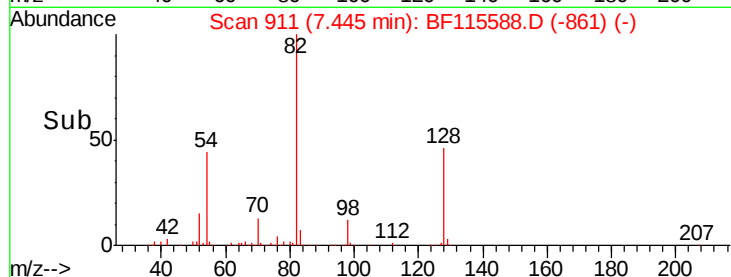
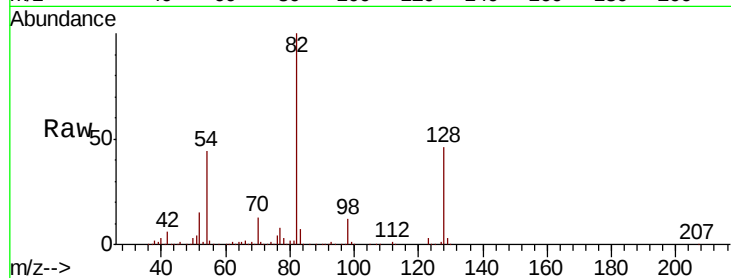




#23
 Nitrobenzene-d5
 Concen: 76.005 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

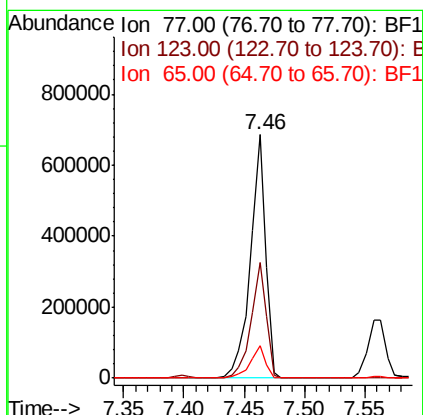
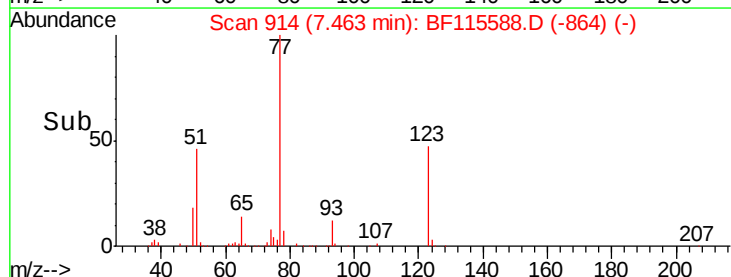
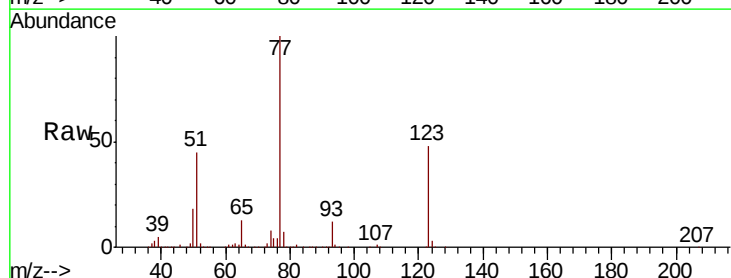
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1124069
 Ion Ratio Lower Upper
 82 100
 128 45.9 38.6 57.8
 54 43.7 35.6 53.4



#24
 Nitrobenzene
 Concen: 37.993 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion: 77 Resp: 606048
 Ion Ratio Lower Upper
 77 100
 123 47.5 40.0 60.0
 65 13.4 11.0 16.4





#25

Isophorone

Concen: 38.750 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

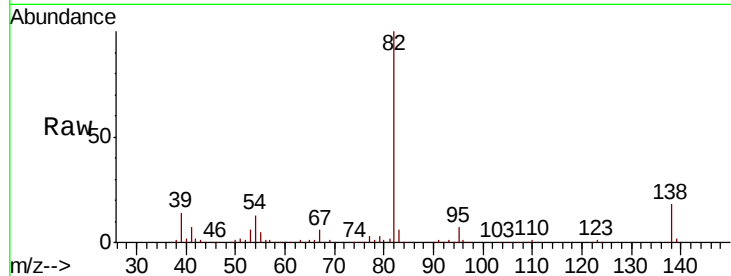
Tot Ion: 82 Resp: 1146776

Ion Ratio Lower Upper

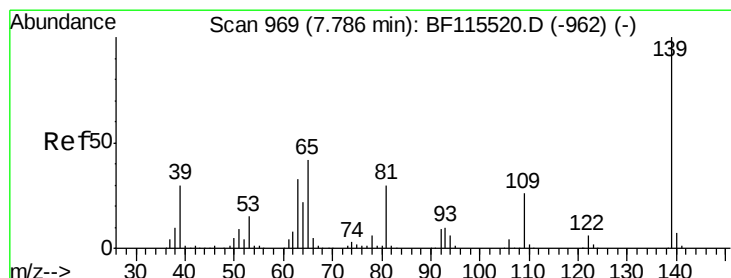
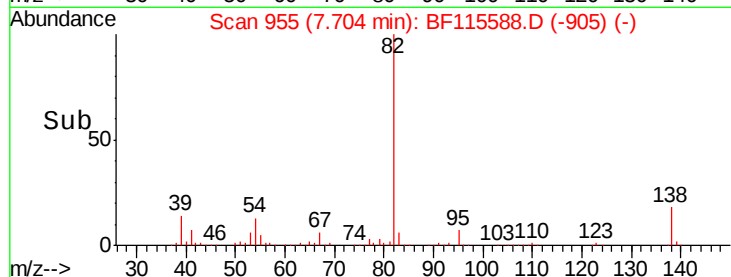
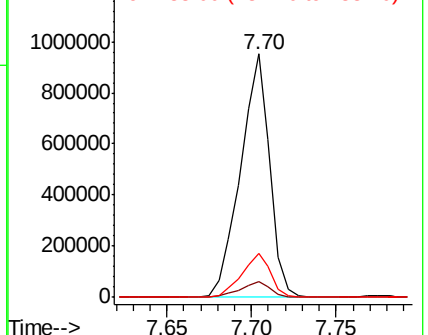
82 100

95 6.7 5.5 8.3

138 18.1 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: 38.657 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

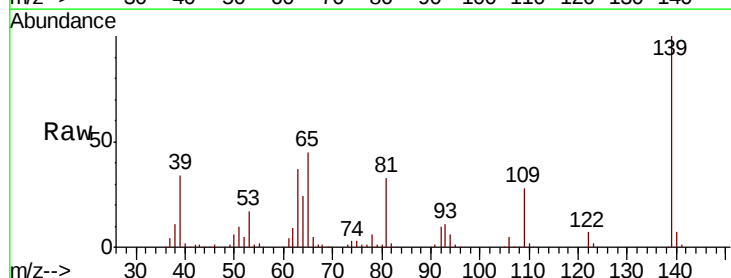
Tgt Ion: 139 Resp: 317395

Ion Ratio Lower Upper

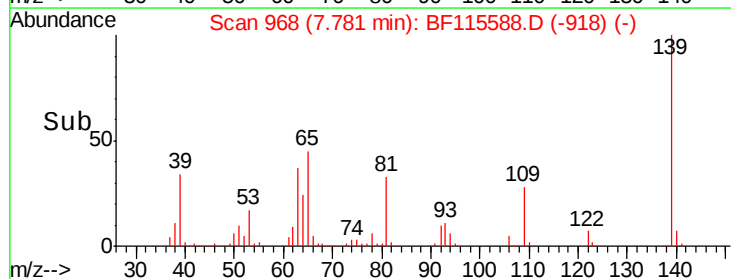
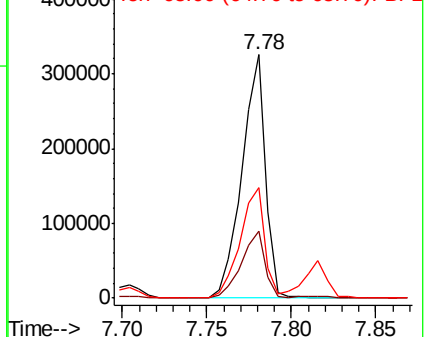
139 100

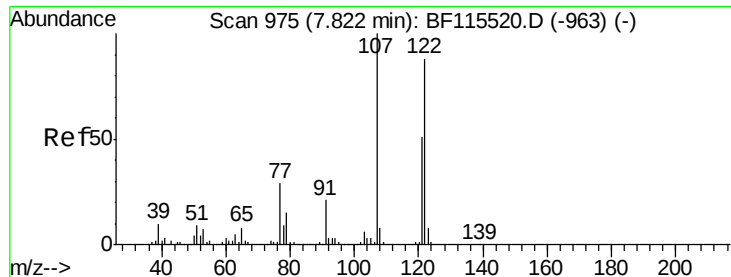
109 27.6 23.3 34.9

65 45.5 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

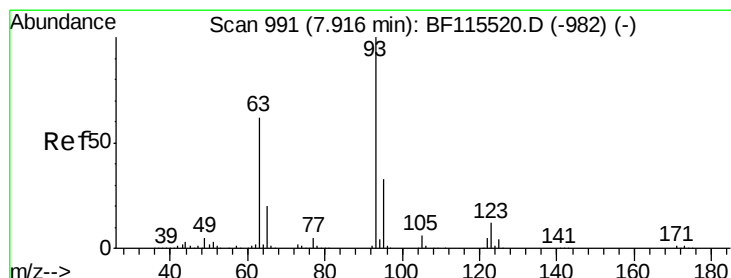
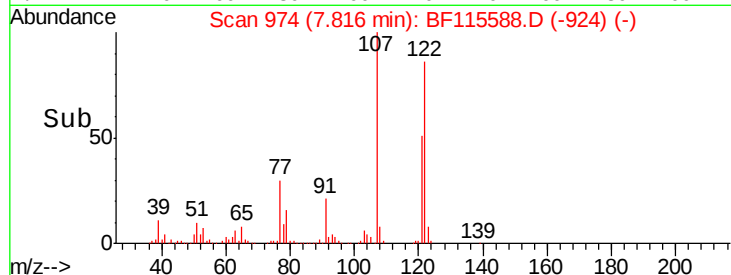
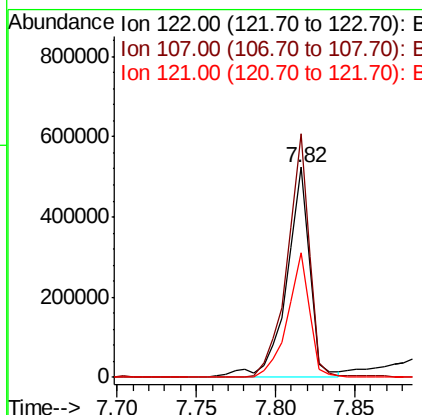
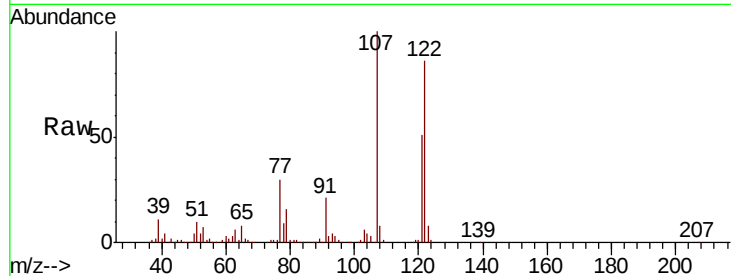




#27
 2,4-Dimethylphenol
 Concen: 43.328 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

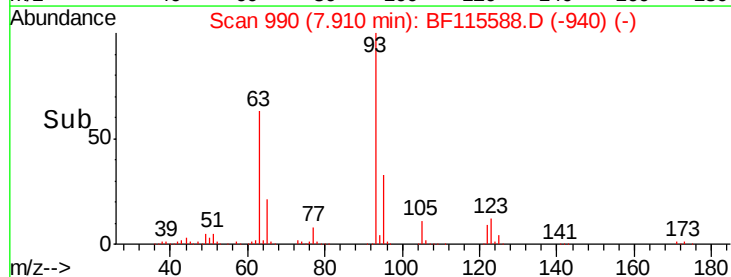
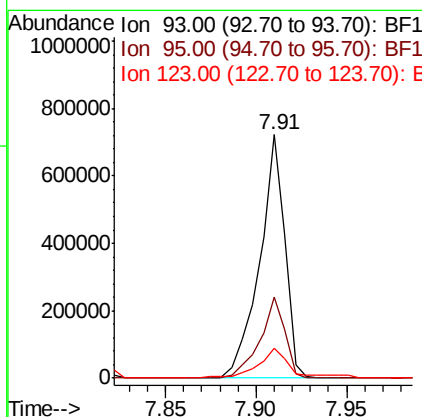
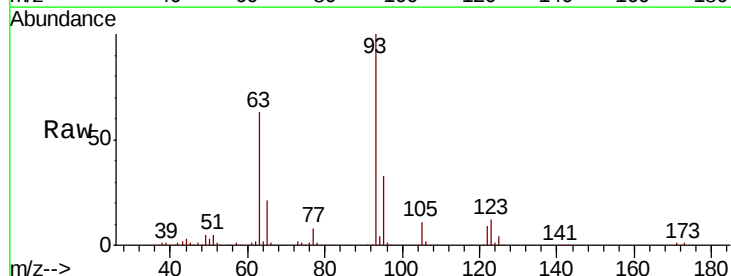
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	92.9	139.3
121	59.0	46.9	70.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.577 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	27.0	40.4
123	12.4	9.9	14.9

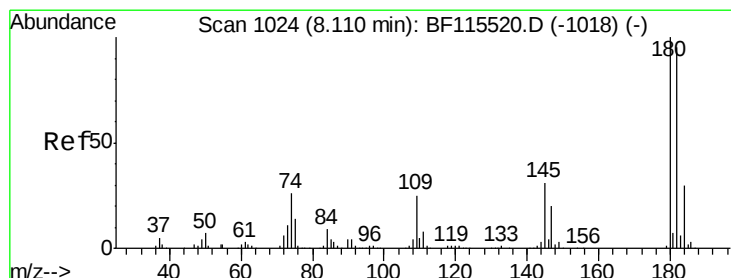
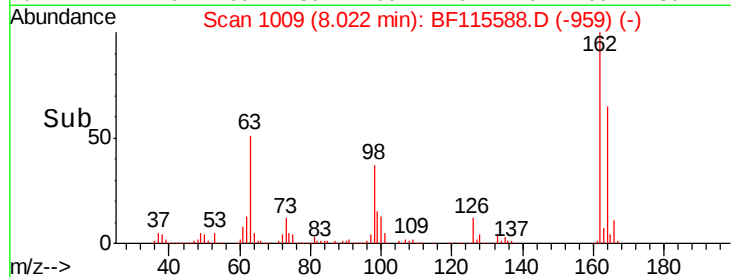
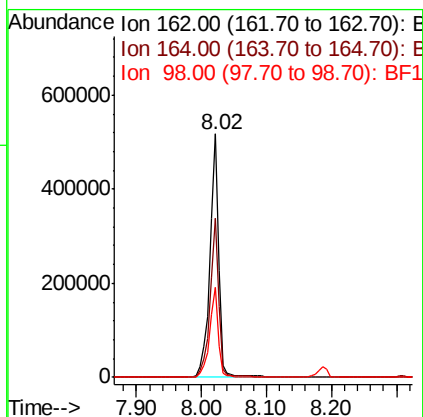
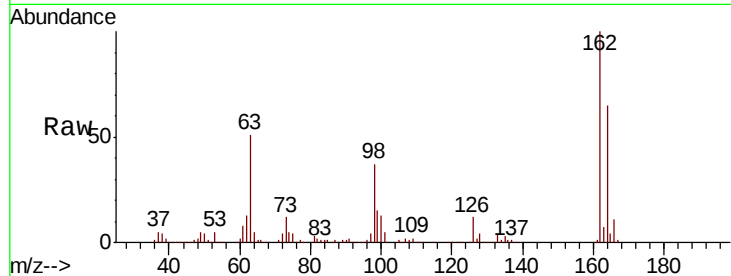




#29
 2,4-Dichlorophenol
 Concen: 38.285 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

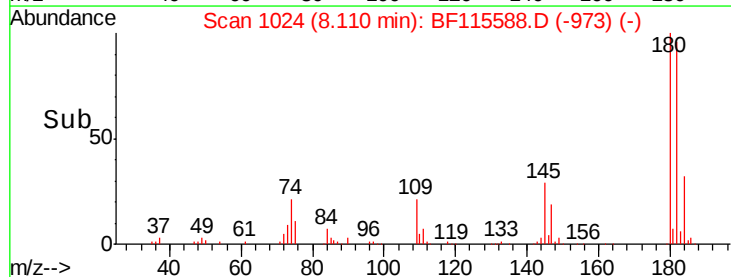
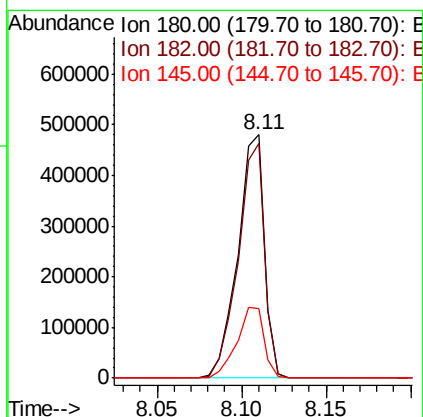
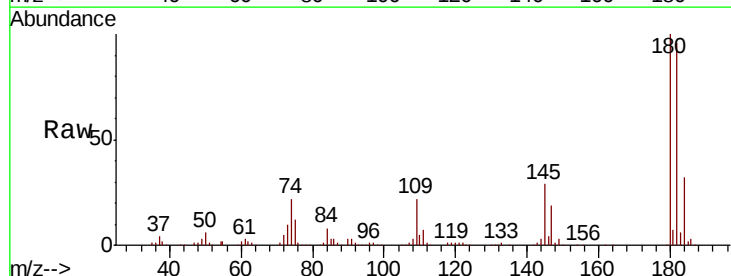
Instrument :
 BNA_F
 ClientSampleId :

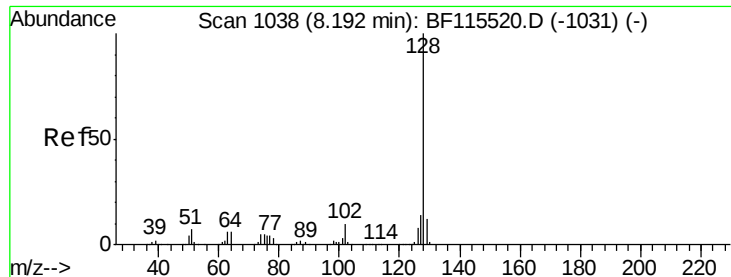
Tot Ion:162 Resp: 489151
 Ion Ratio Lower Upper
 162 100
 164 65.5 44.9 84.9
 98 36.8 17.7 57.7



#30
 1,2,4-Trichlorobenzene
 Concen: 36.653 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion:180 Resp: 529350
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.0 112.6
 145 28.6 25.1 37.7

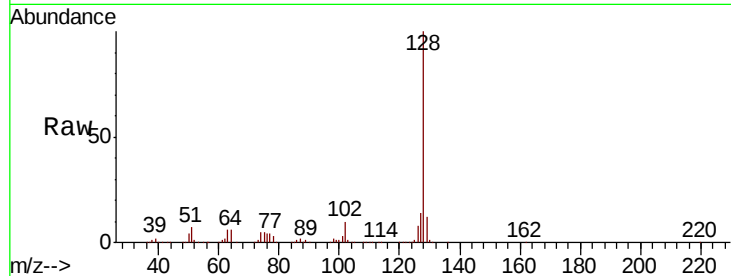




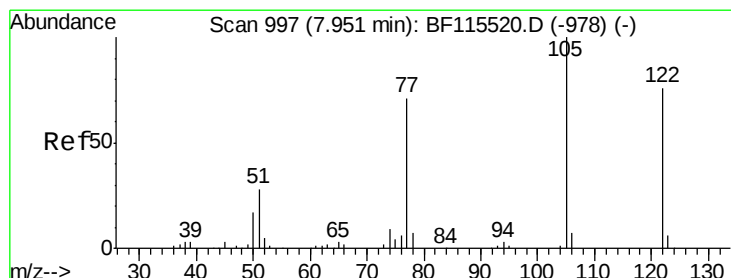
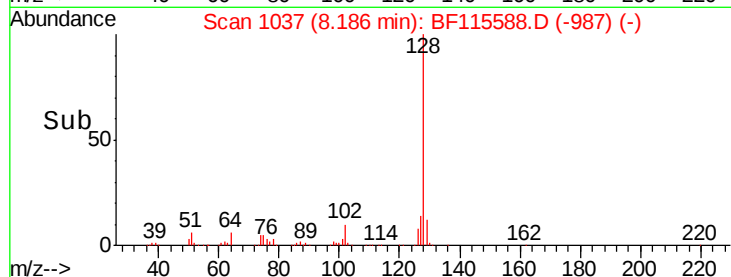
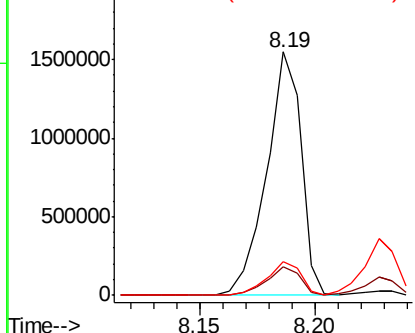
#31
Naphthalene
Concen: 38.658 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1610024
Ion Ratio Lower Upper
128 100
129 11.7 9.9 14.9
127 14.0 12.1 18.1

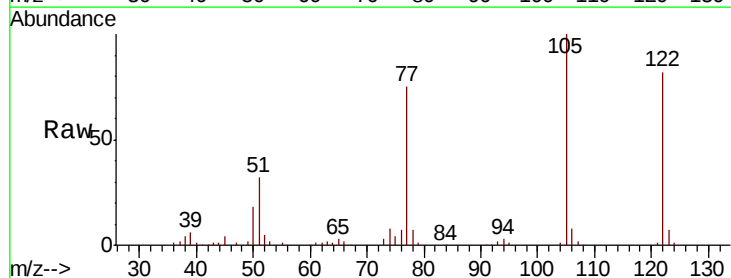


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

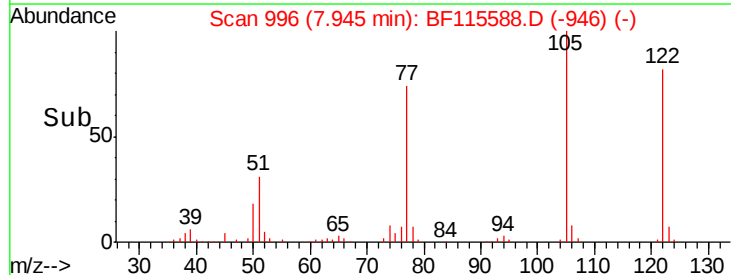
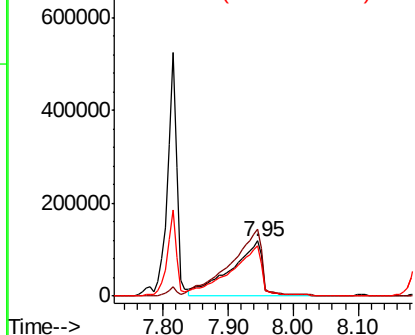


#32
Benzoic acid
Concen: 39.673 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:122 Resp: 399984
Ion Ratio Lower Upper
122 100
105 121.5 102.5 142.5
77 90.8 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

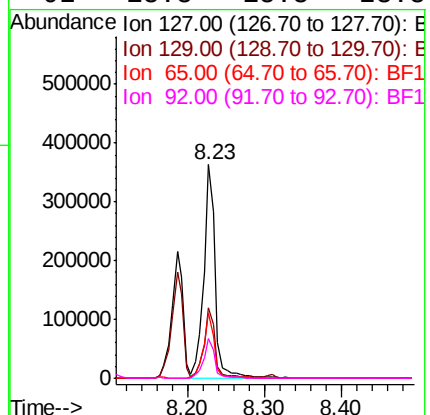
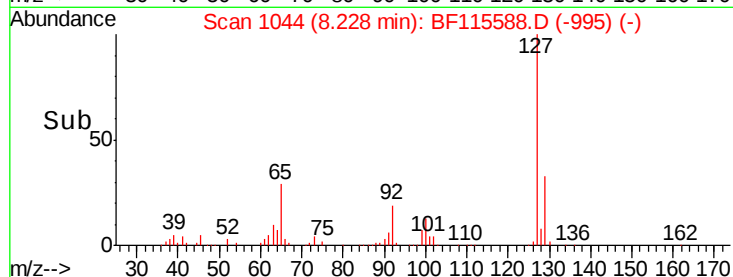
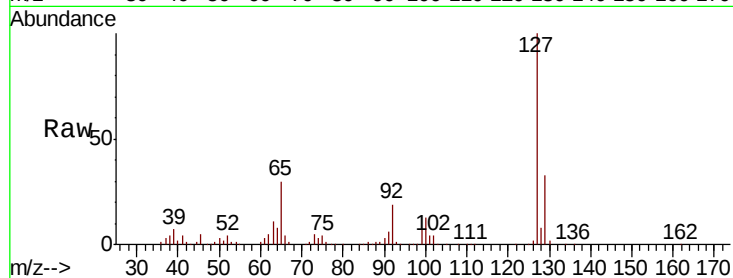




#33
4-Chloroaniline
Concen: 20.607 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

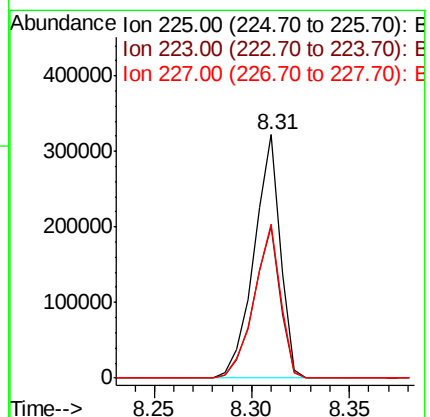
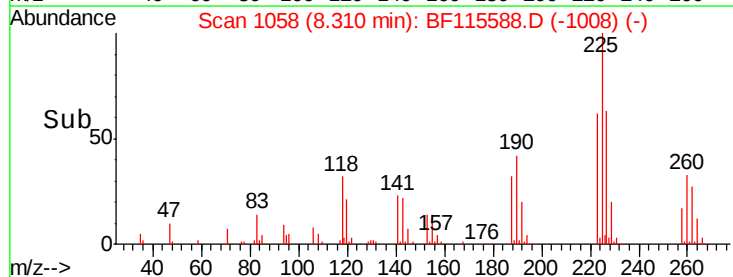
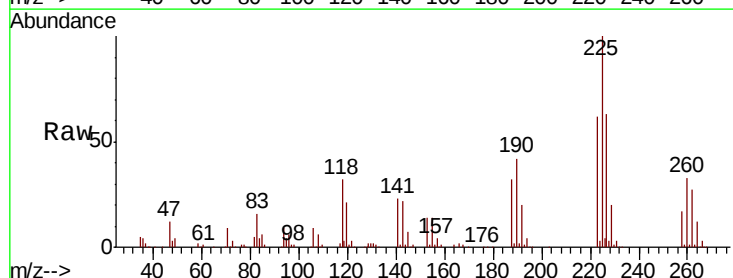
Instrument :
BNA_F
ClientSampled :

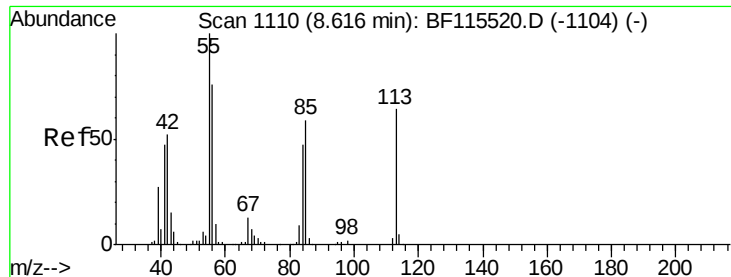
Tot Ion:	127	Resp:	380154
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	39.8
65	30.3	23.7	35.5
92	18.8	15.8	23.8



#34
Hexachlorobutadiene
Concen: 35.984 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:	225	Resp:	298019
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.9	76.3
227	63.2	50.7	76.1

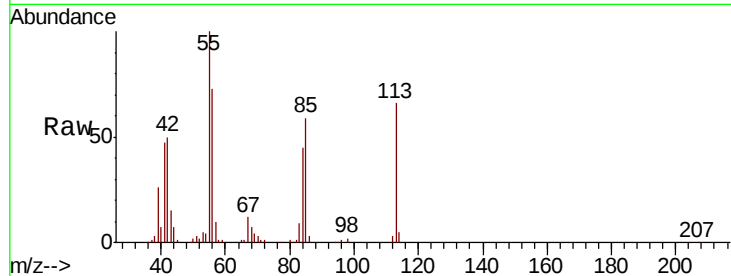




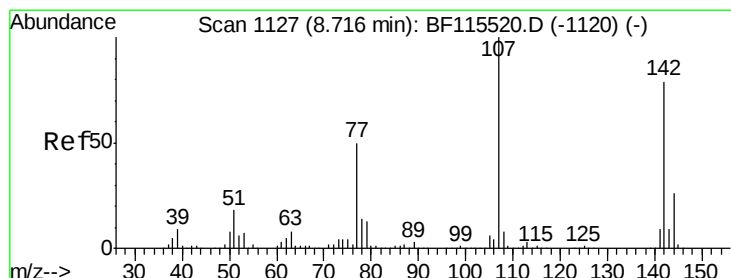
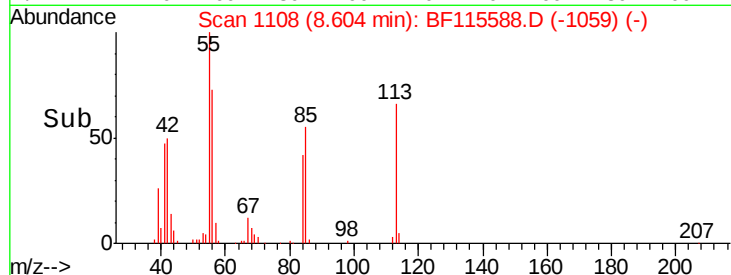
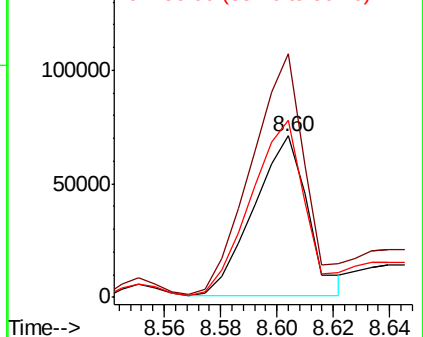
#35
Caprolactam
Concen: 23.660 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleID :

Tot Ion:113 Resp: 93411
Ion Ratio Lower Upper
113 100
55 151.0 126.9 166.9
56 110.0 90.3 130.3

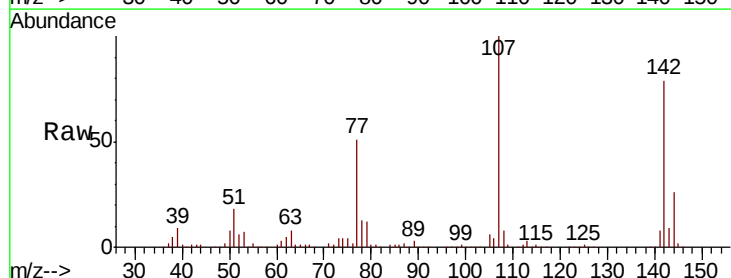


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

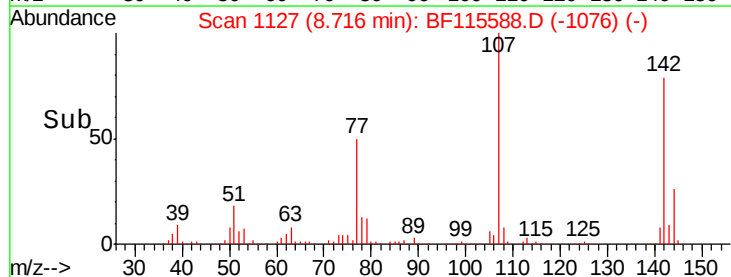
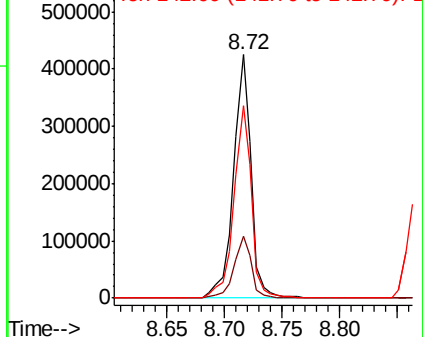


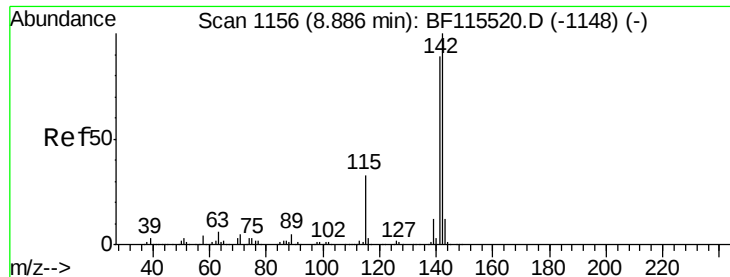
#36
4-Chloro-3-methylphenol
Concen: 33.623 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:107 Resp: 445606
Ion Ratio Lower Upper
107 100
144 25.6 20.6 30.8
142 79.1 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

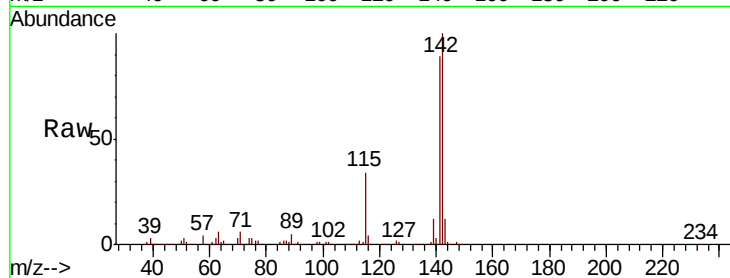




#37
2-Methylnaphthalene
Concen: 34.523 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.0	108.0
115	34.0	29.9	44.9

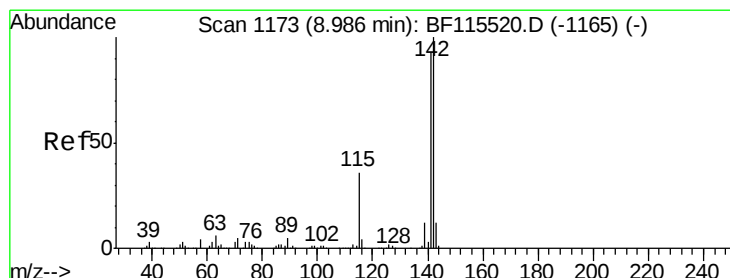
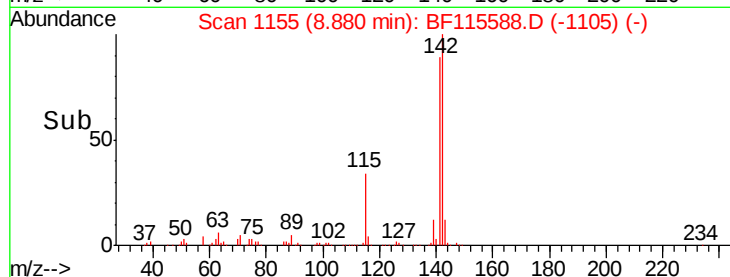
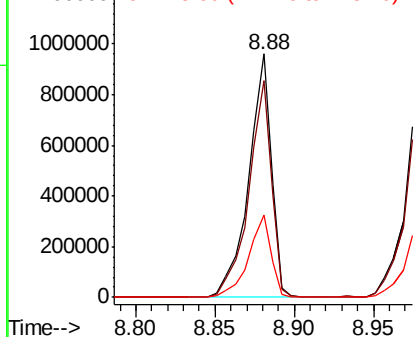


Abundance

Ion 142.00 (141.70 to 142.70): E

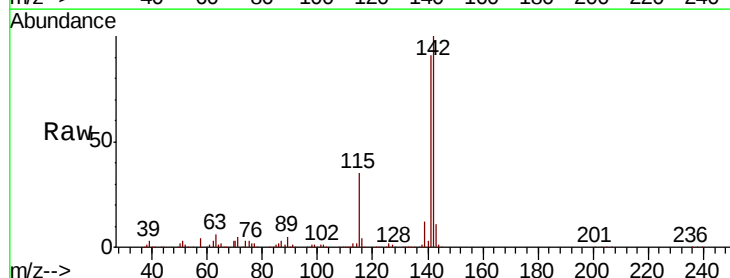
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 33.918 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.3	112.9
116	3.6	3.3	4.9

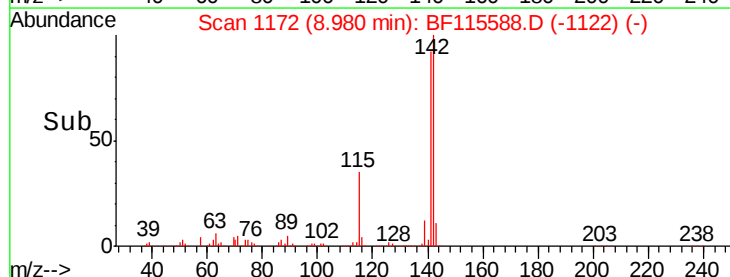
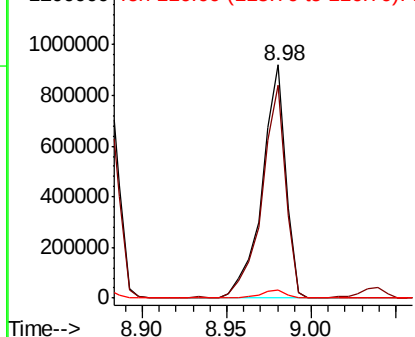


Abundance

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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampled :

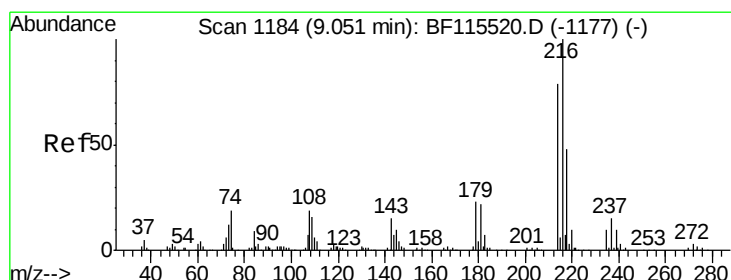
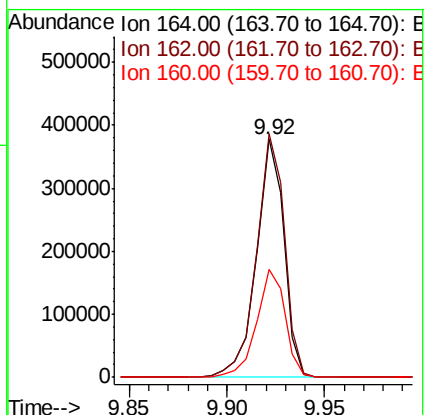
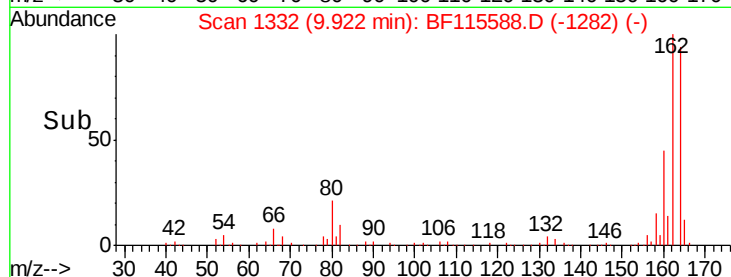
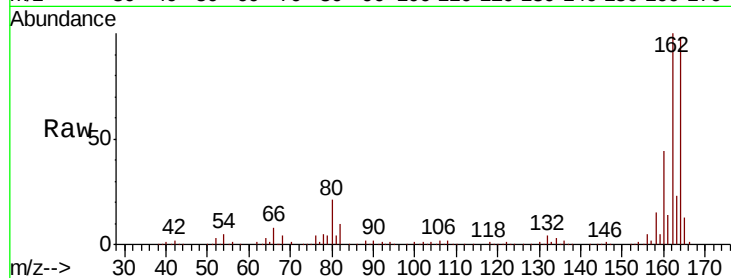
Tot Ion:164 Resp: 369416

Ion Ratio Lower Upper

164 100

162 102.1 82.9 124.3

160 45.4 36.8 55.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.359 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Tgt Ion:216 Resp: 437842

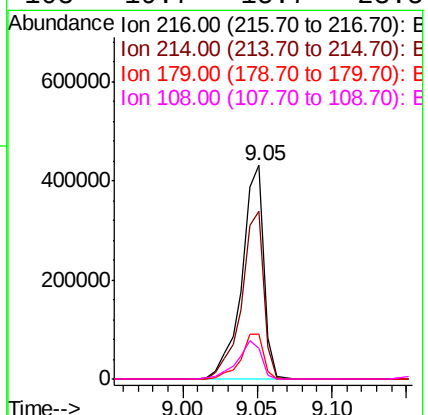
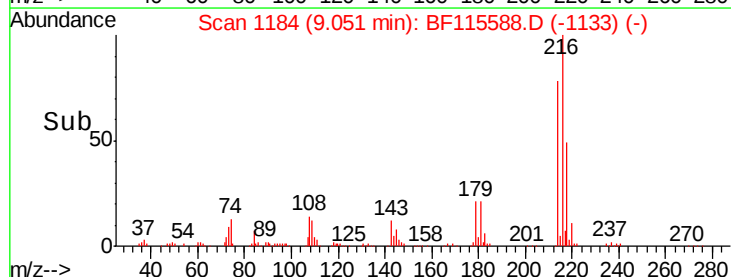
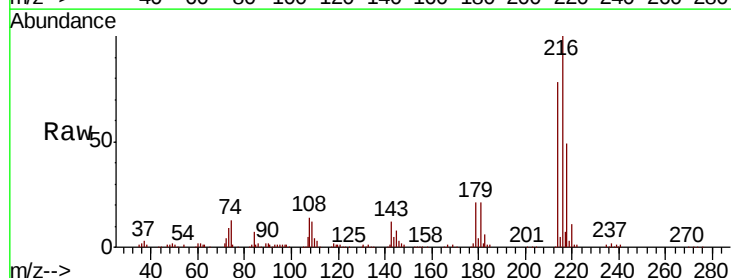
Ion Ratio Lower Upper

216 100

214 79.0 65.1 97.7

179 21.9 18.3 27.5

108 19.7 15.7 23.5

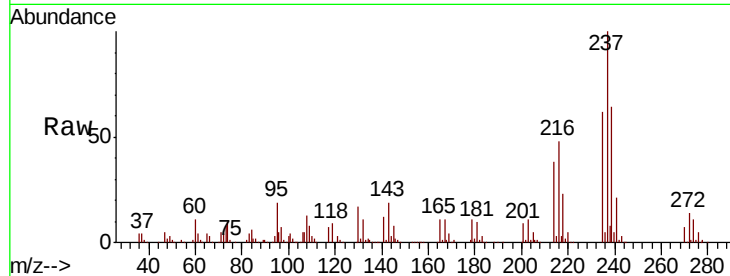




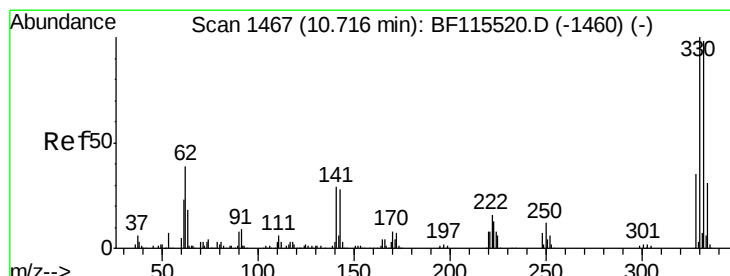
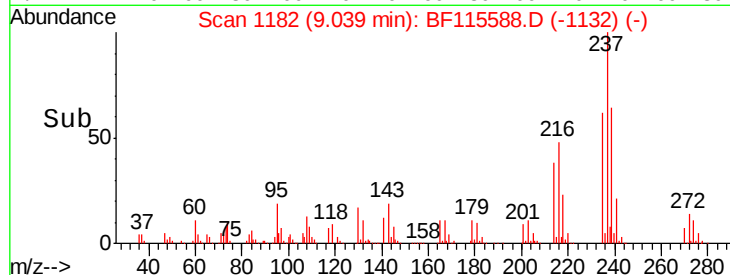
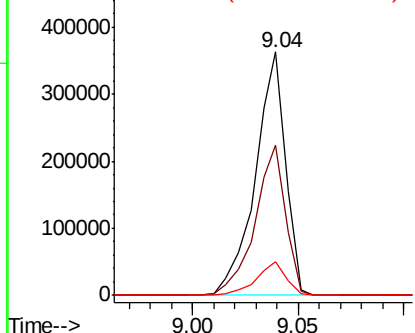
#41
Hexachlorocyclopentadiene
Concen: 57.013 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 361796
Ion Ratio Lower Upper
237 100
235 61.8 43.6 83.6
272 13.7 0.0 33.9

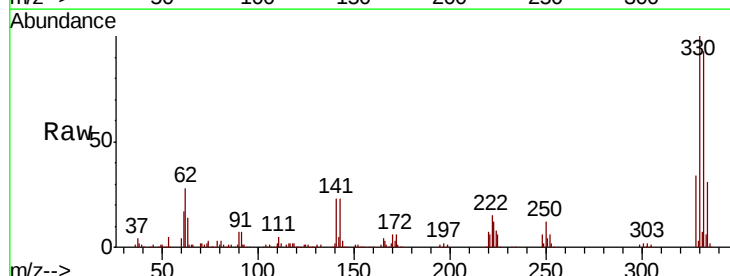


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

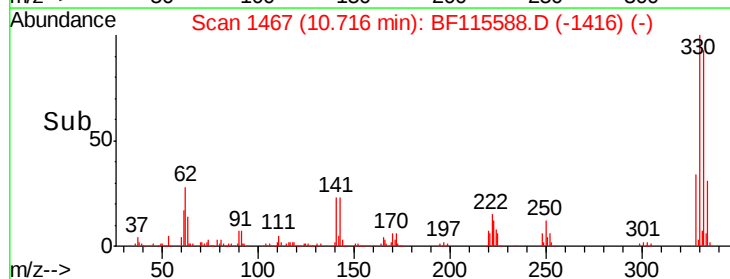
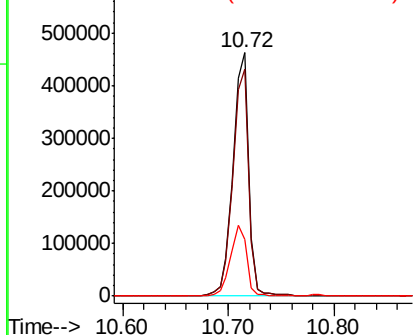


#42
2,4,6-Tribromophenol
Concen: 110.125 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:330 Resp: 474857
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

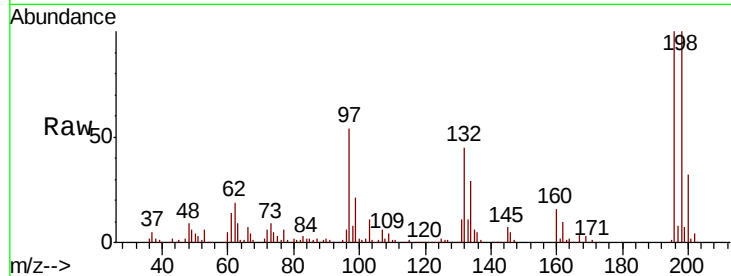




#43
 2,4,6-Trichlorophenol
 Concen: 37.821 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.8	80.6	121.0
200	31.6	25.8	38.6

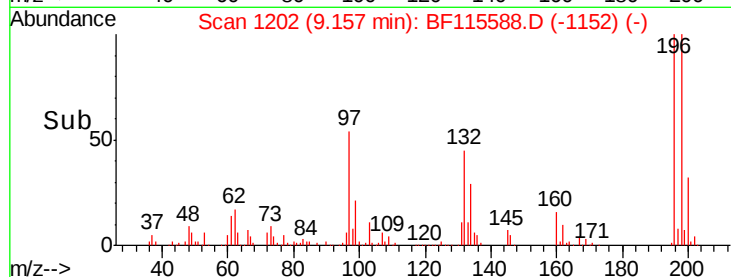
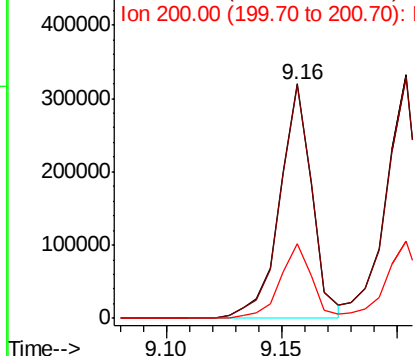


Abundance

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: 39.144 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.9	79.6	119.4
97	47.2	37.8	56.6
132	28.3	22.8	34.2

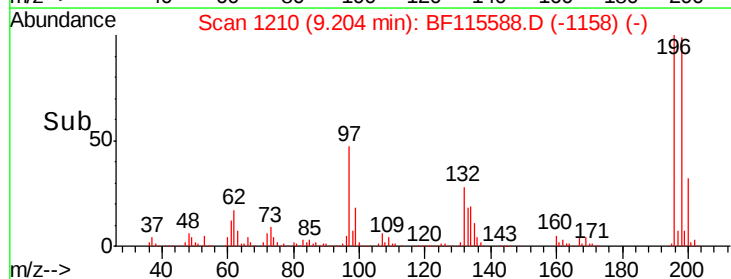
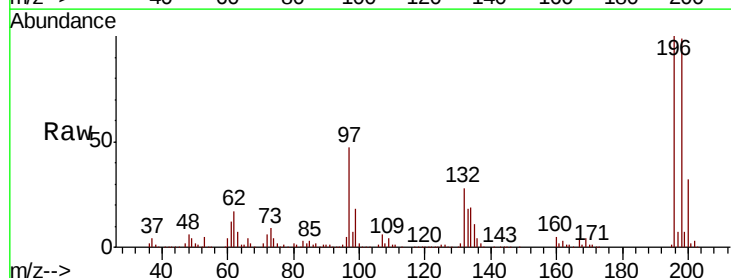
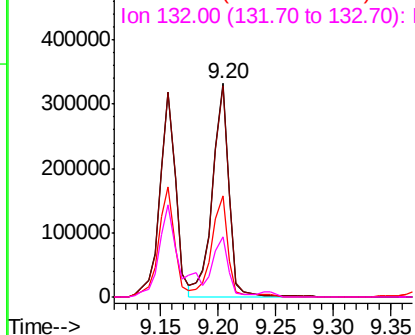
Abundance

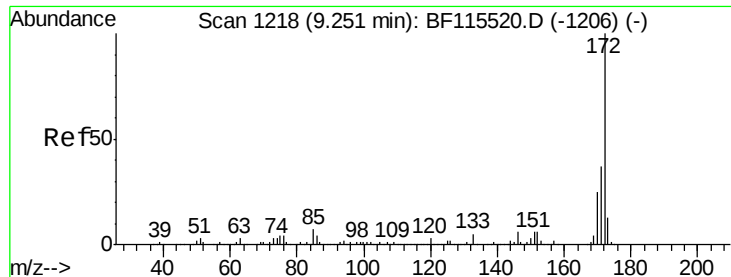
Ion 196.00 (195.70 to 196.70): E

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

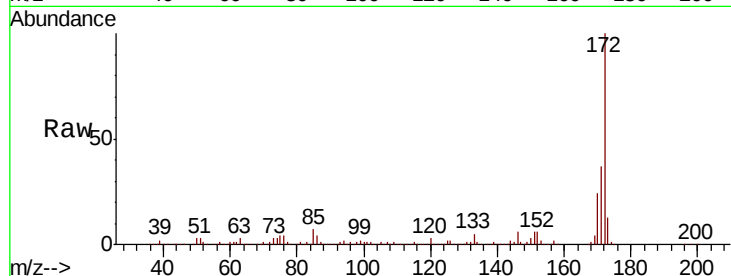




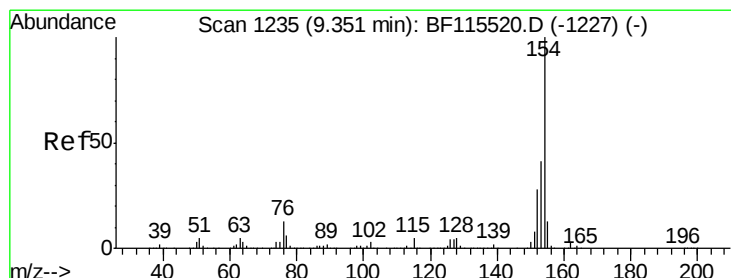
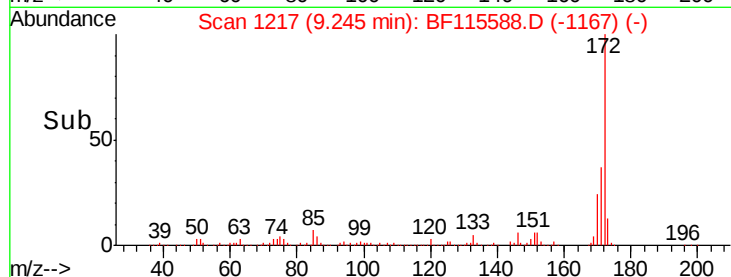
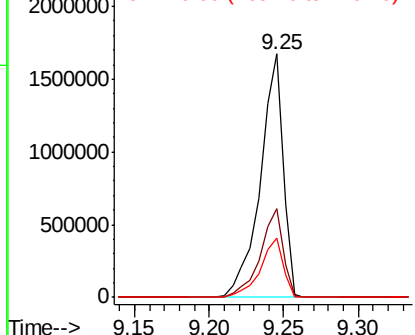
#45
2-Fluorobiphenyl
Concen: 83.413 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1760518
Ion Ratio Lower Upper
172 100
171 36.6 30.6 46.0
170 24.4 20.5 30.7

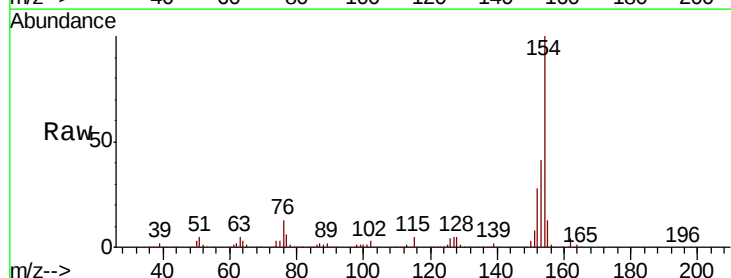


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

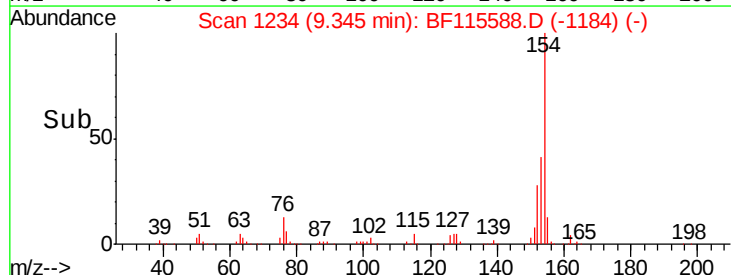
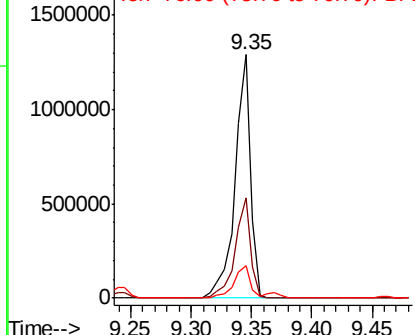


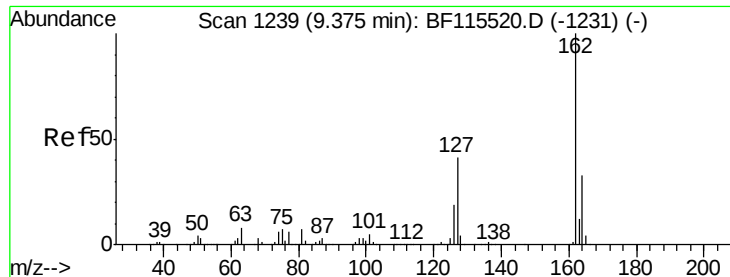
#46
1,1'-Biphenyl
Concen: 39.935 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:154 Resp: 1153331
Ion Ratio Lower Upper
154 100
153 41.2 22.6 62.6
76 13.1 0.0 33.4



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

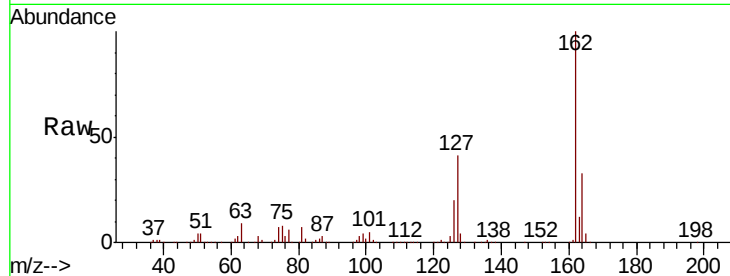




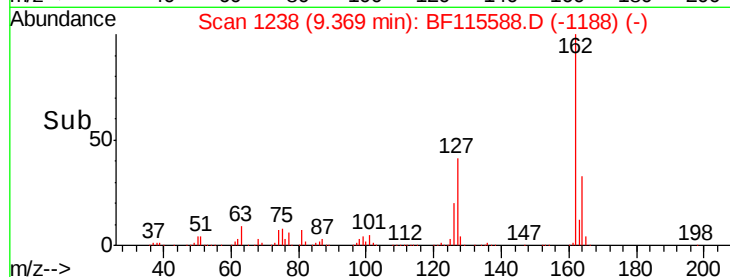
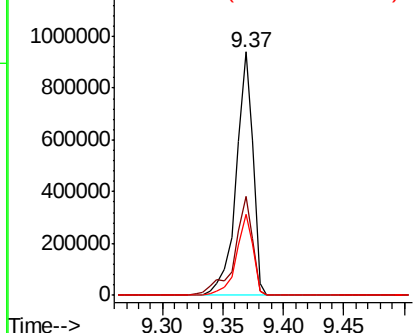
#47
 2-Chloronaphthalene
 Concen: 37.831 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 909751
 Ion Ratio Lower Upper
 162 100
 127 40.8 34.1 51.1
 164 33.2 27.4 41.2

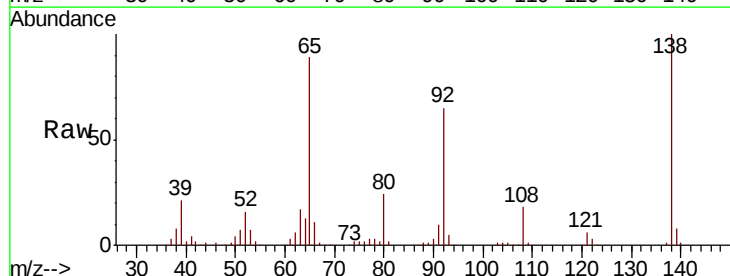


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

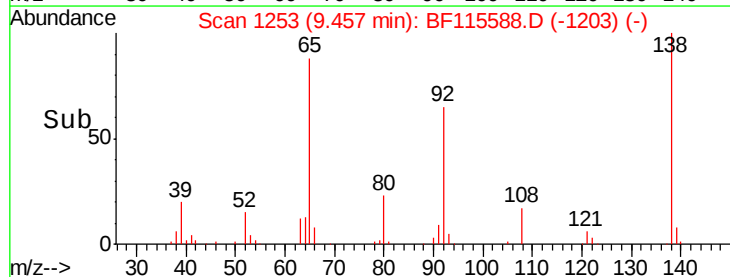
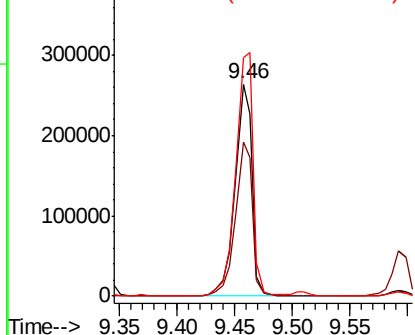


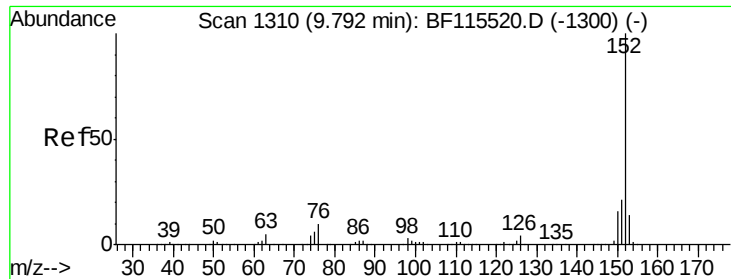
#48
 2-Nitroaniline
 Concen: 36.165 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion: 65 Resp: 269174
 Ion Ratio Lower Upper
 65 100
 92 72.9 57.8 86.6
 138 112.8 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: 38.430 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

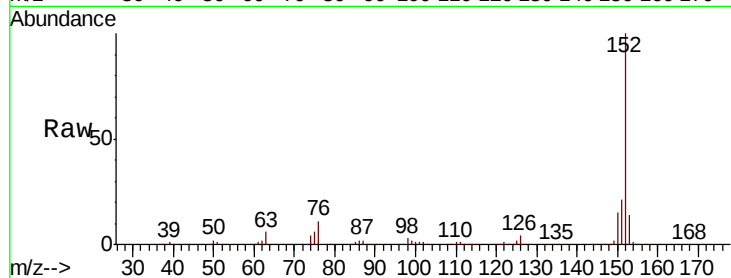
Tot Ion:152 Resp: 1369359

Ion Ratio Lower Upper

152 100

151 20.9 17.7 26.5

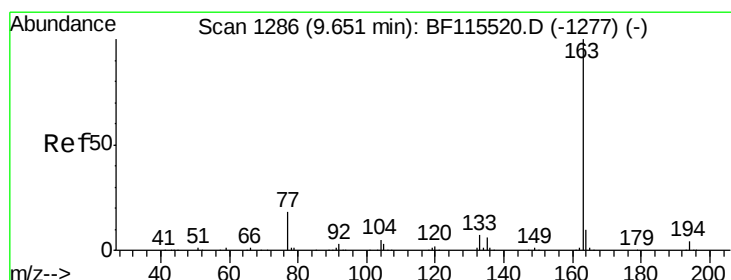
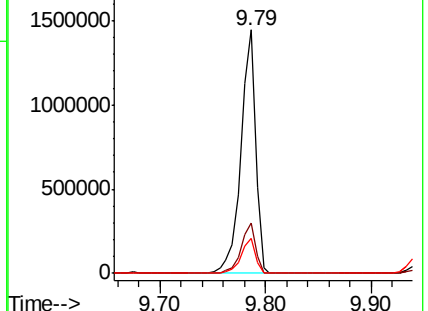
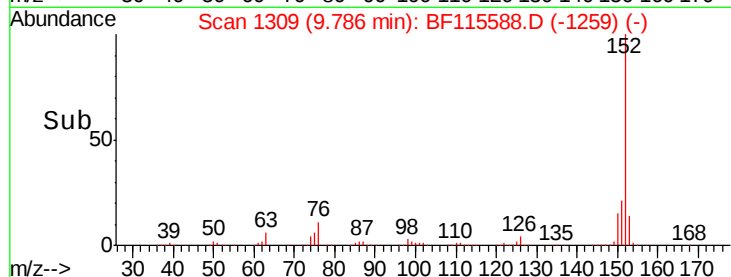
153 14.3 12.0 18.0



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: 38.034 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

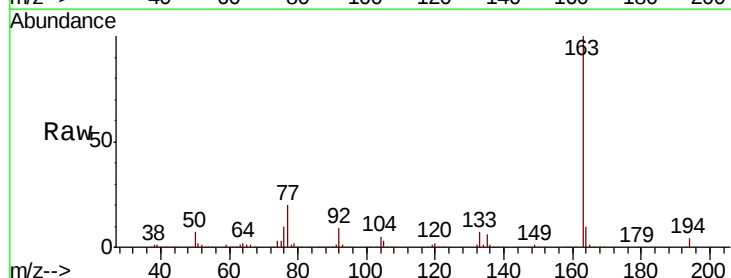
Tgt Ion:163 Resp: 1057112

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

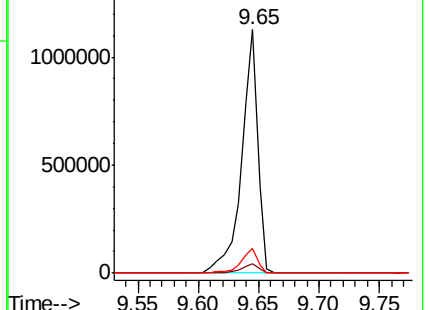
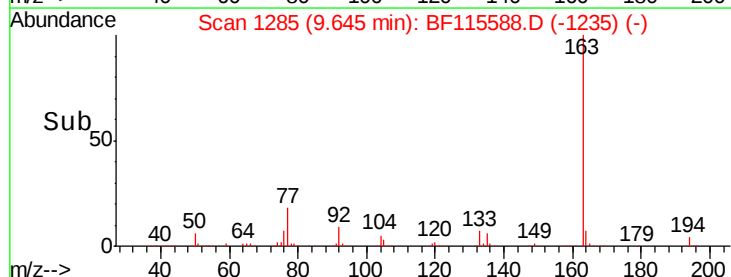
164 10.2 8.7 13.1

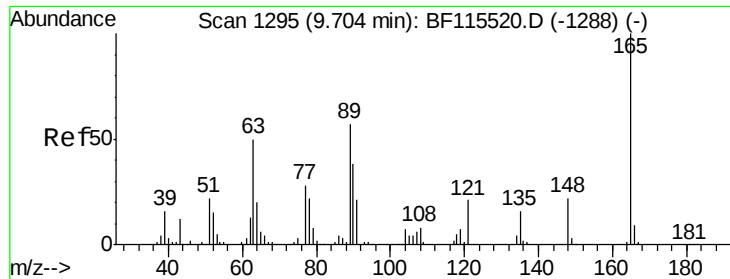


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

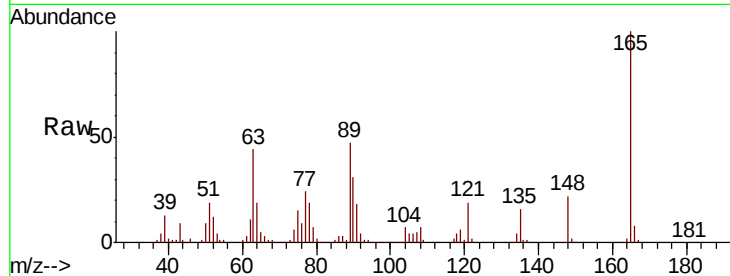




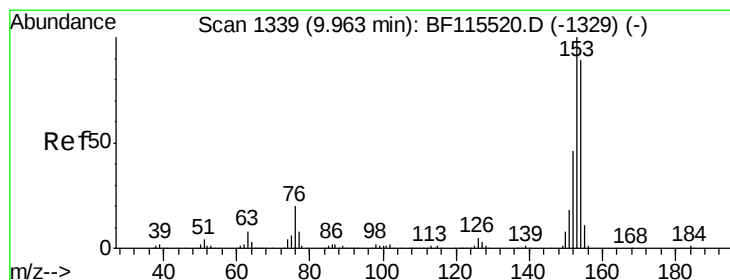
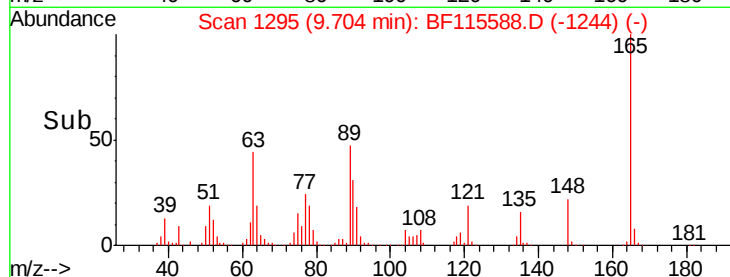
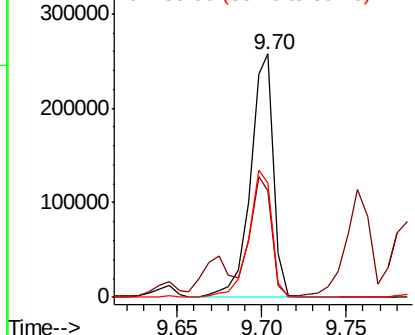
#51
 2,6-Dinitrotoluene
 Concen: 38.791 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.7	40.6	61.0
89	47.1	43.9	65.9

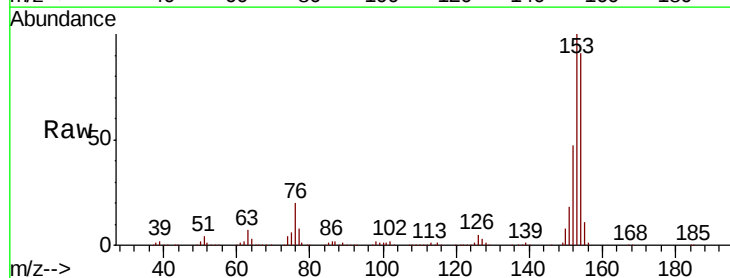


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

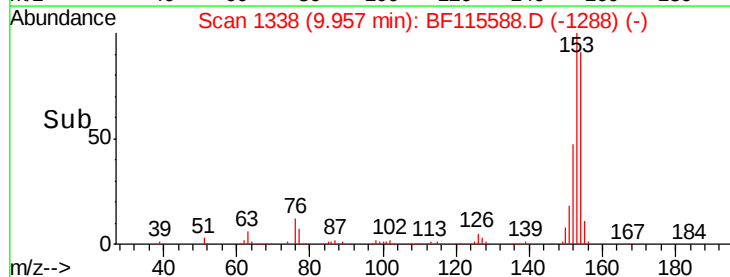
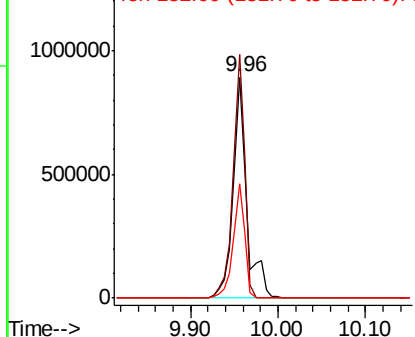


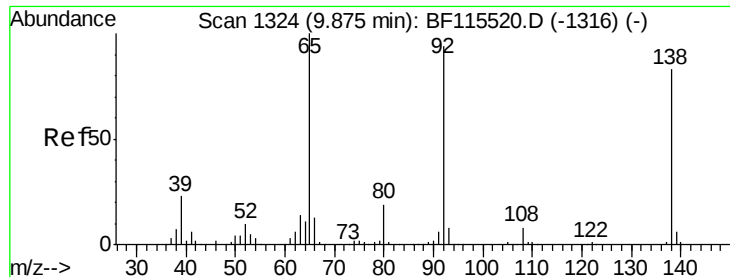
#52
 Acenaphthene
 Concen: 41.993 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.2	88.6	133.0
152	51.9	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

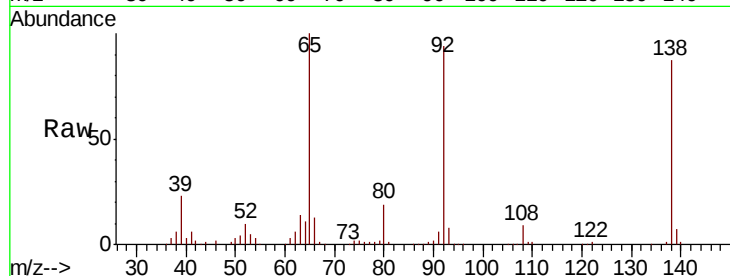




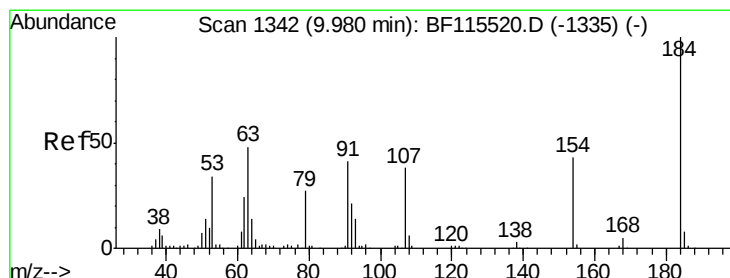
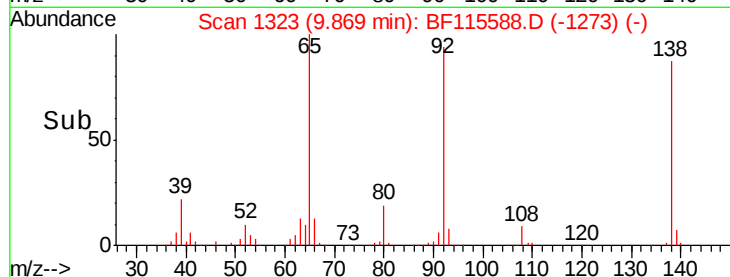
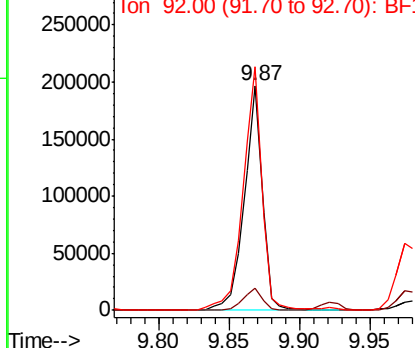
#53
3-Nitroaniline
Concen: 24.458 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 176540
Ion Ratio Lower Upper
138 100
108 10.1 8.4 12.6
92 108.5 88.0 132.0

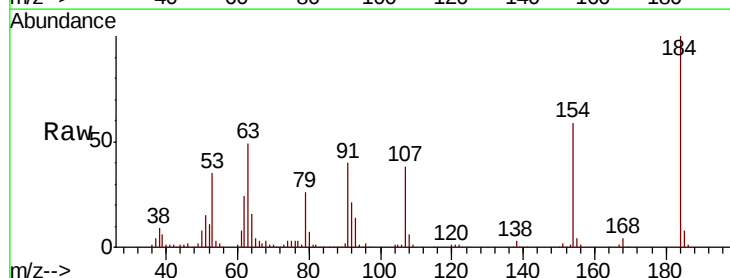


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

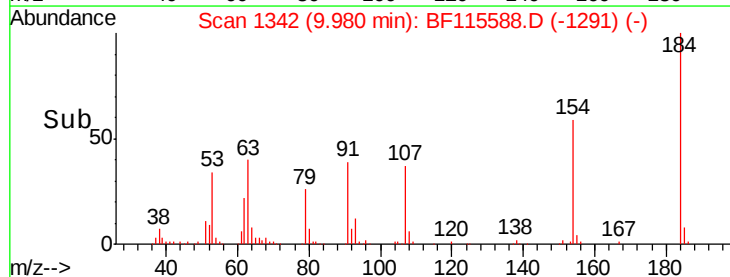
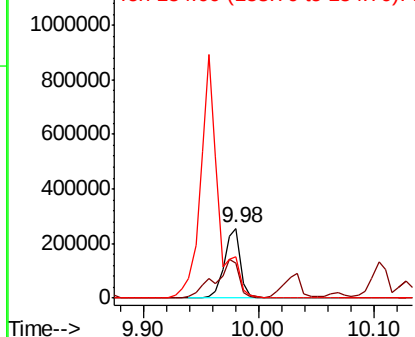


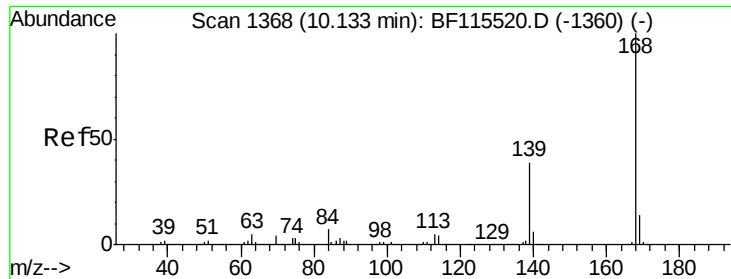
#54
2,4-Dinitrophenol
Concen: 77.857 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:184 Resp: 252483
Ion Ratio Lower Upper
184 100
63 49.0 48.7 73.1
154 58.6 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

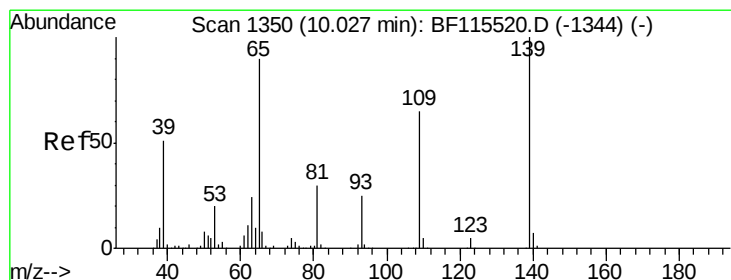
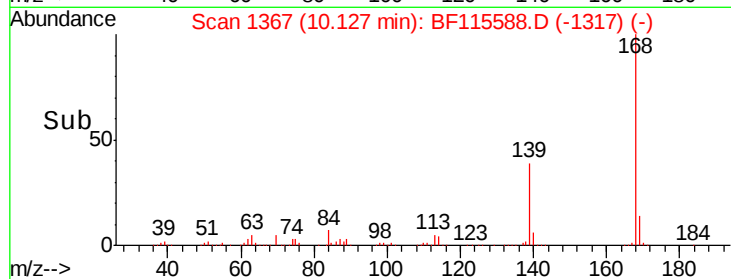
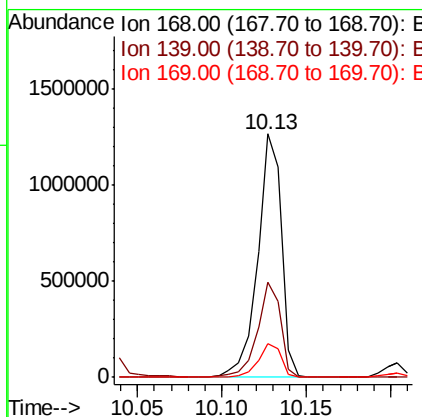
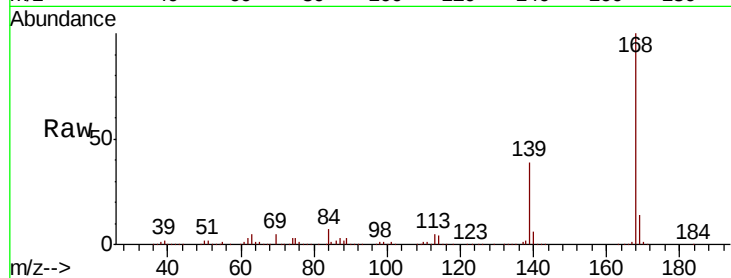




#55
Dibenzenofuran
Concen: 37.816 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

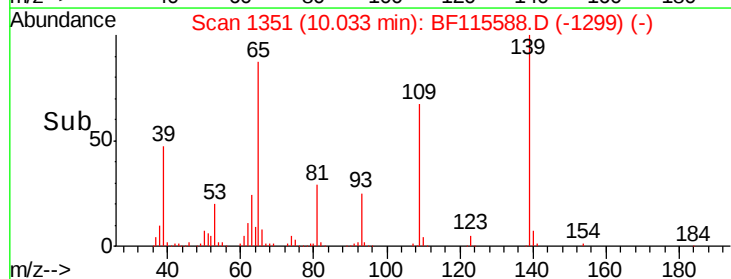
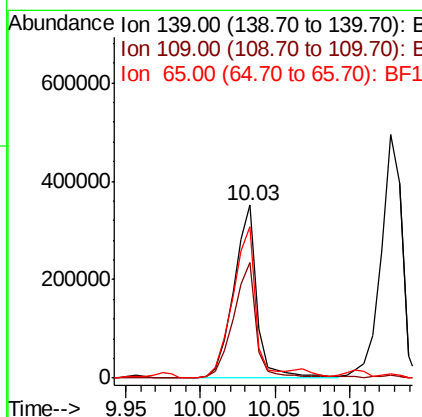
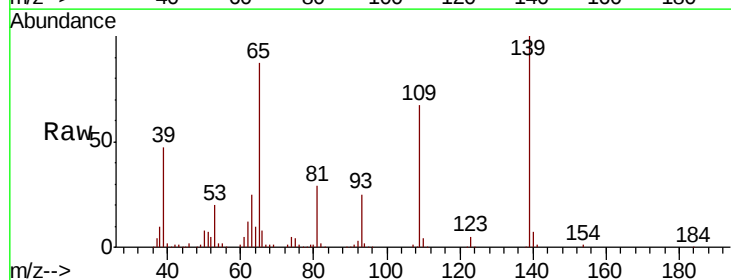
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1235433
Ion Ratio Lower Upper
168 100
139 39.1 31.1 46.7
169 13.9 11.1 16.7



#56
4-Nitrophenol
Concen: 69.455 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:139 Resp: 382286
Ion Ratio Lower Upper
139 100
109 66.6 46.4 86.4
65 87.4 68.9 108.9

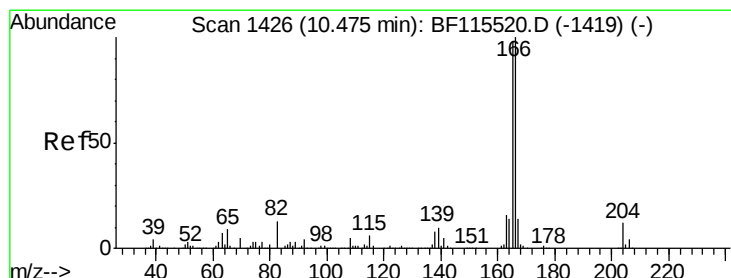
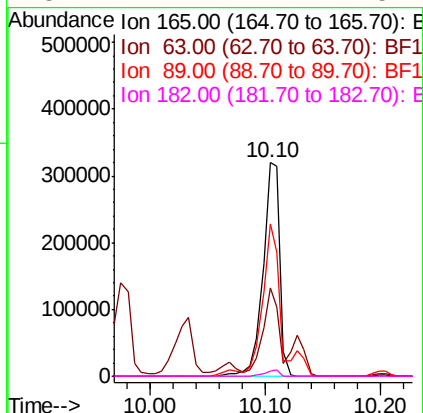
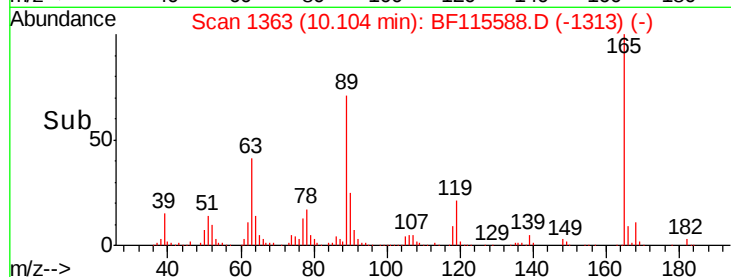
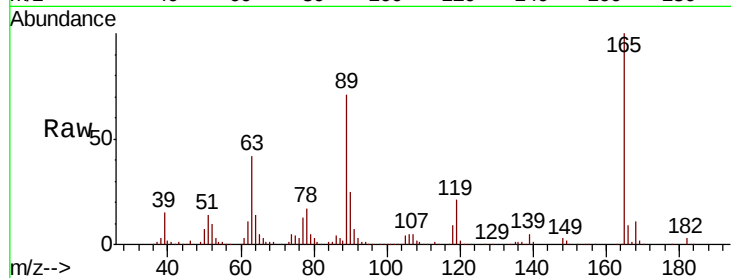




#57
2,4-Dinitrotoluene
Concen: 40.155 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

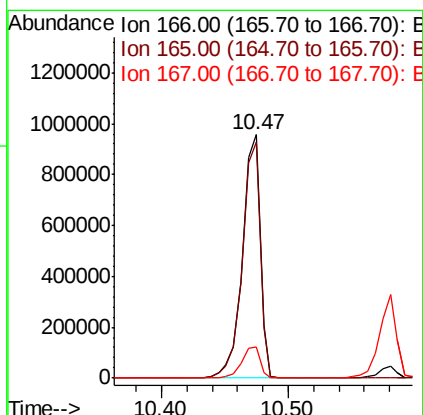
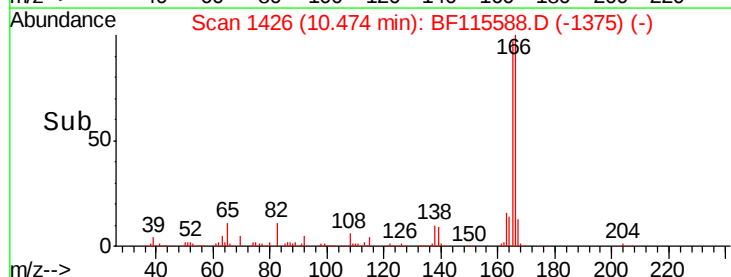
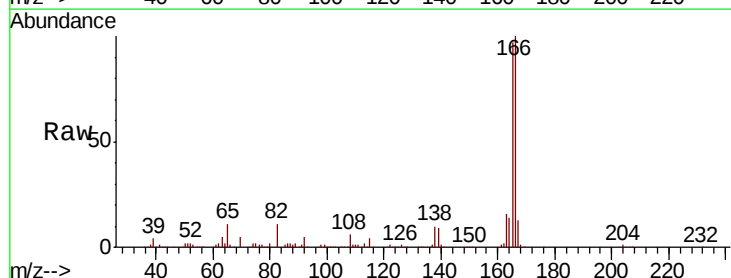
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.6	34.9	52.3
89	71.3	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 39.731 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.8	119.6
167	13.0	11.2	16.8

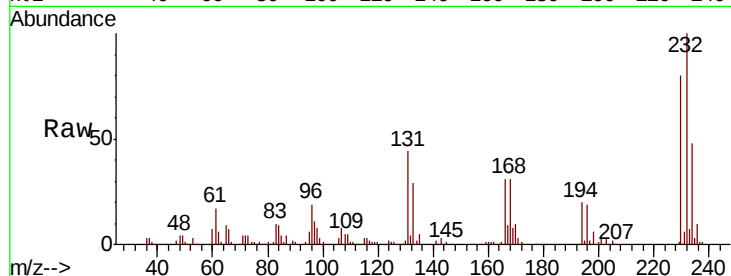




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.760 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.9	53.9
130	2.1	1.8	2.6
166	29.7	24.8	37.2



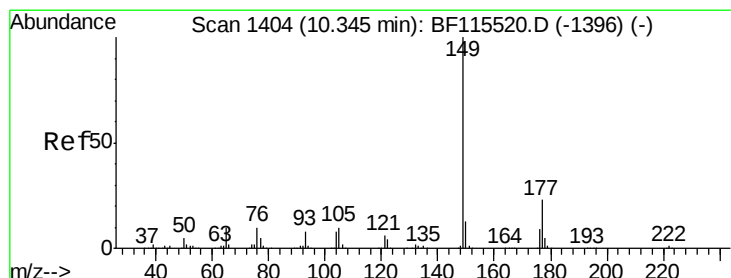
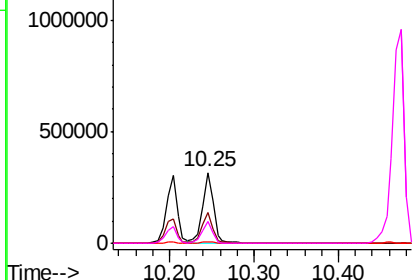
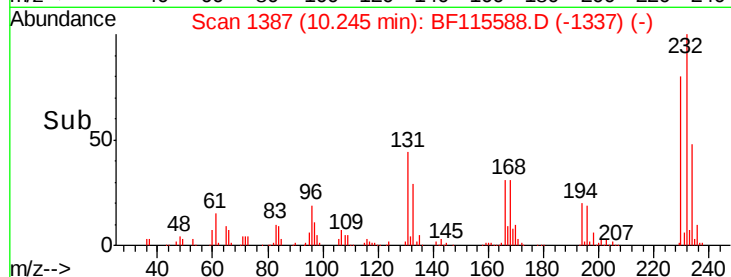
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

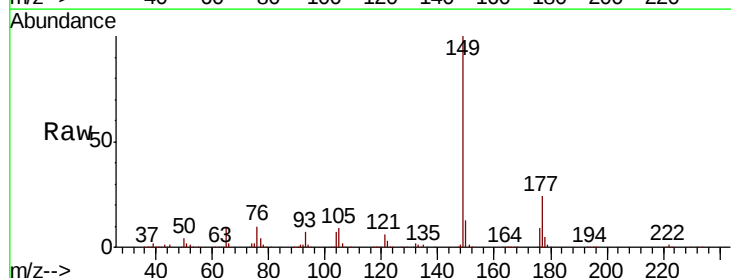
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.103 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.5	29.3
150	12.7	10.4	15.6

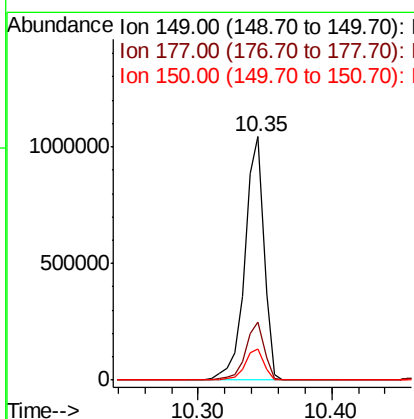
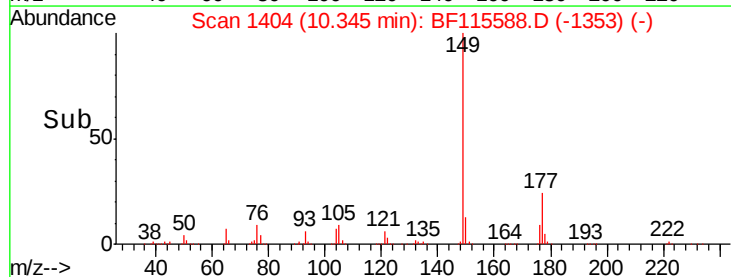


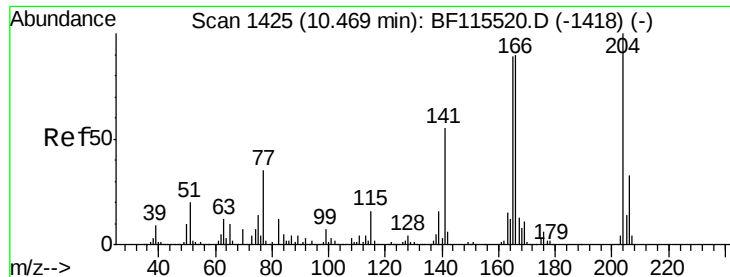
Abundance

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

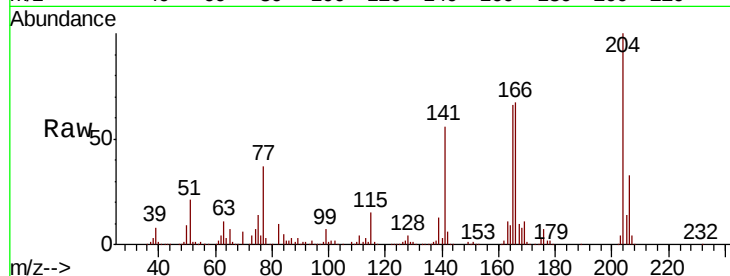




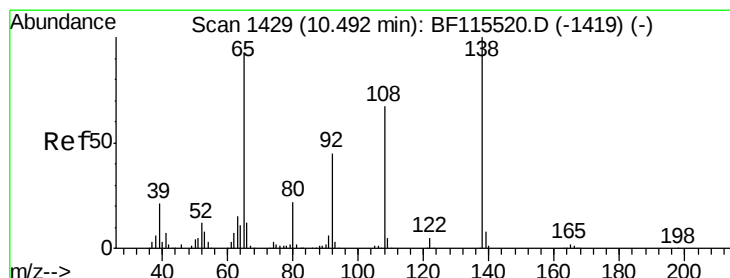
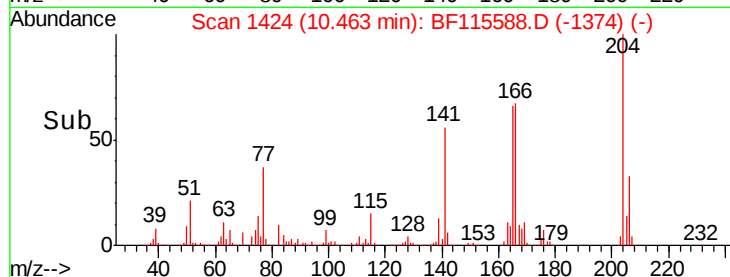
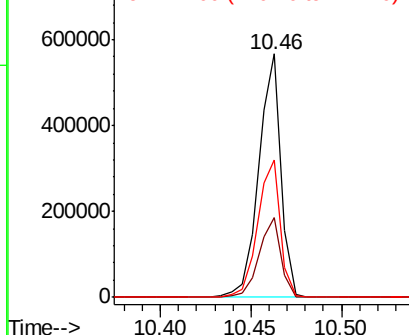
#61
4-Chlorophenyl-phenylether
Concen: 37.018 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 479441
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 56.2 44.2 66.2

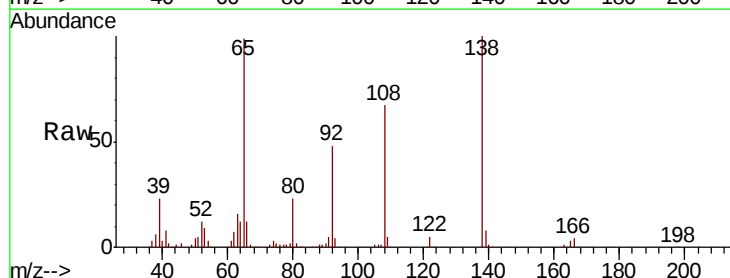


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

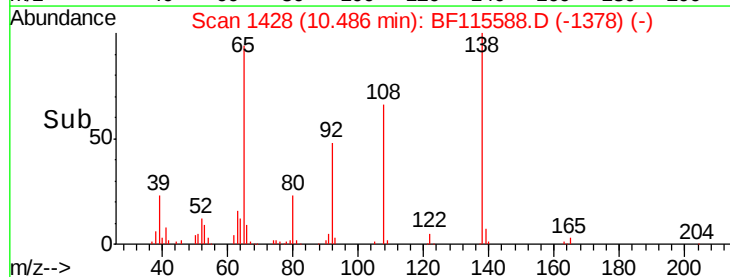
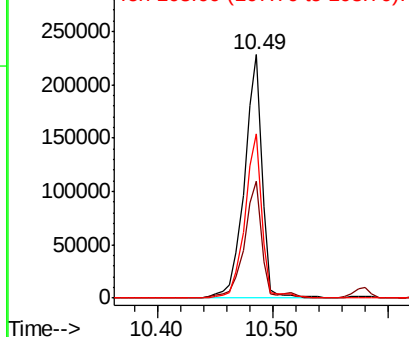


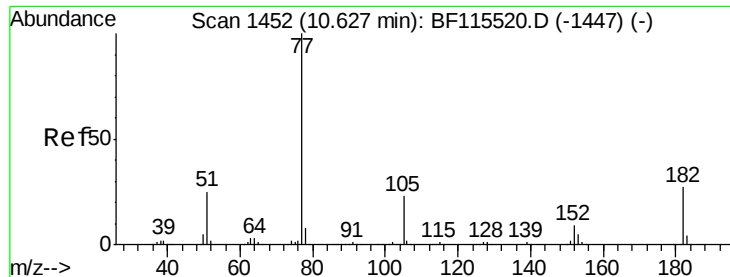
#62
4-Nitroaniline
Concen: 34.975 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:138 Resp: 242157
Ion Ratio Lower Upper
138 100
92 48.1 27.1 67.1
108 67.5 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

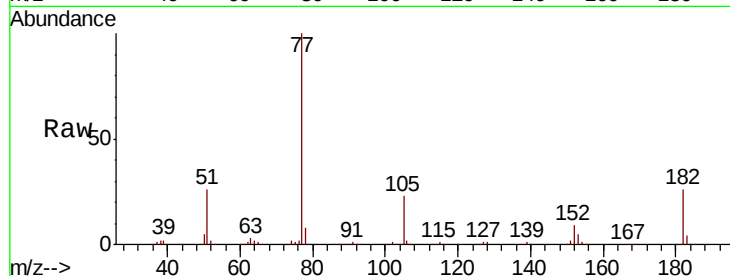




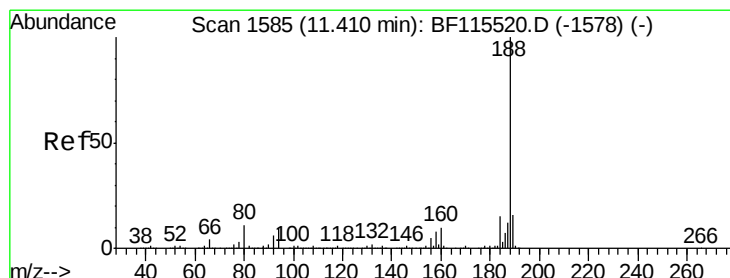
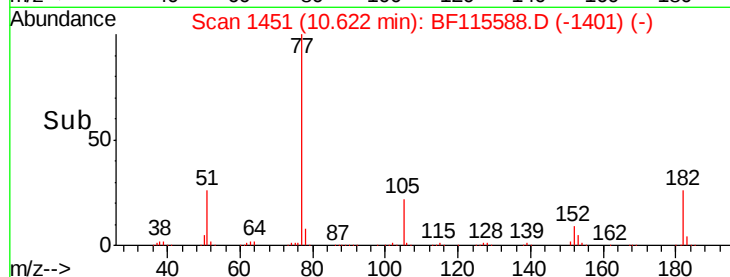
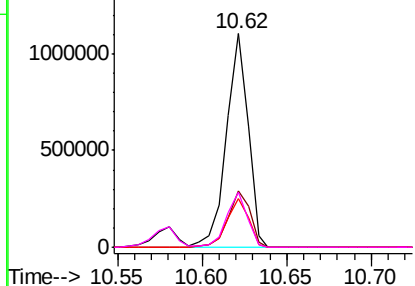
#63
Azobenzene
Concen: 38.739 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 978522
Ion Ratio Lower Upper
77 100
182 26.2 6.9 46.9
105 22.8 3.9 43.9
51 25.6 7.3 47.3

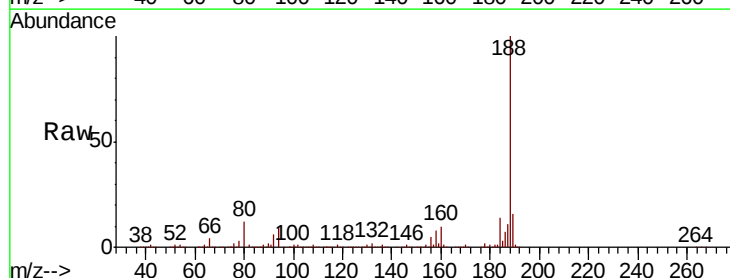


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

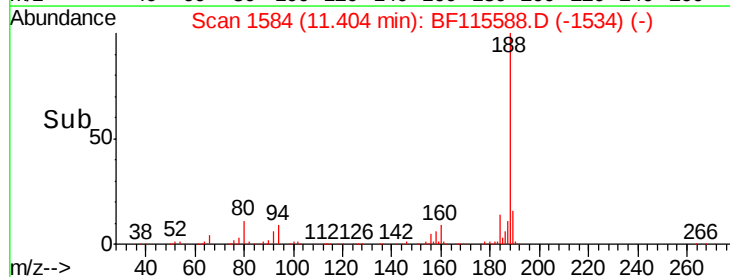
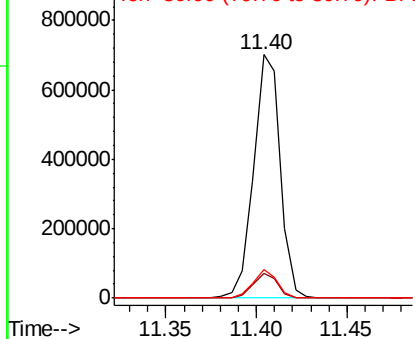


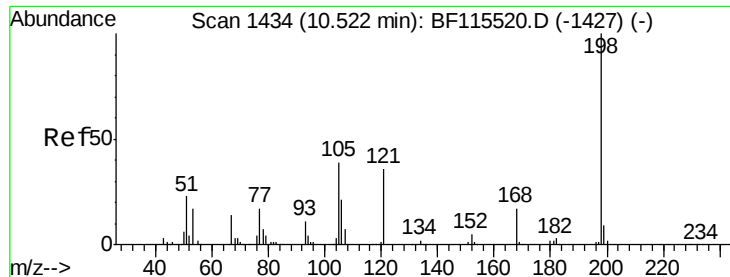
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion: 188 Resp: 713840
Ion Ratio Lower Upper
188 100
94 10.4 7.8 11.6
80 11.6 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

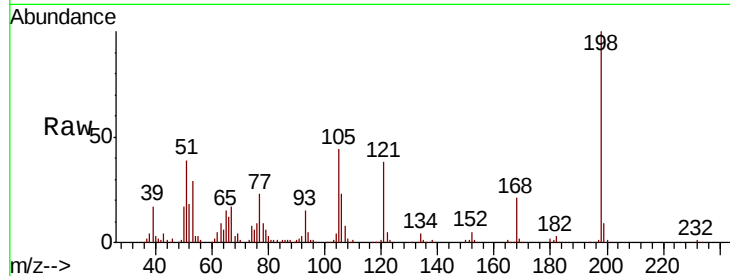




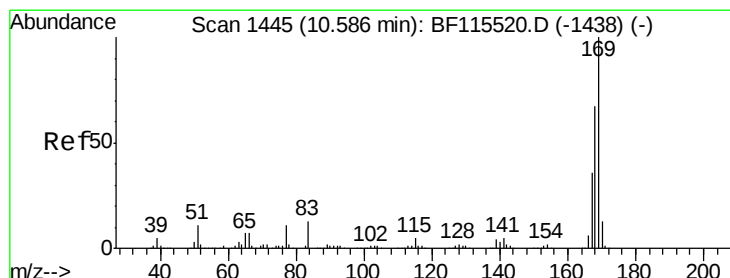
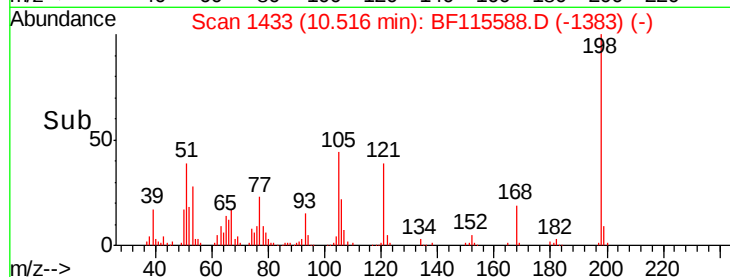
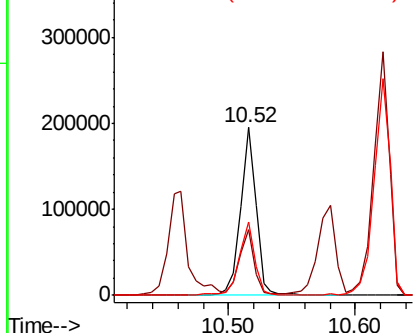
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.659 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 164244
 Ion Ratio Lower Upper
 198 100
 51 39.0 19.1 59.1
 105 43.9 23.6 63.6

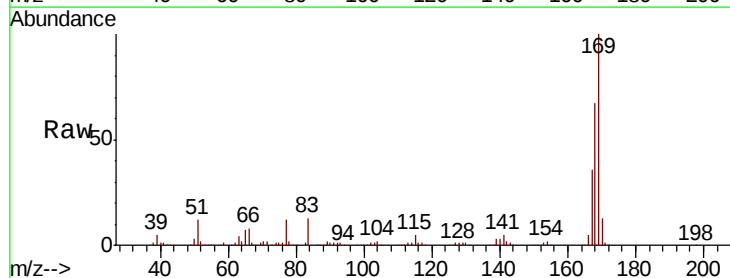


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

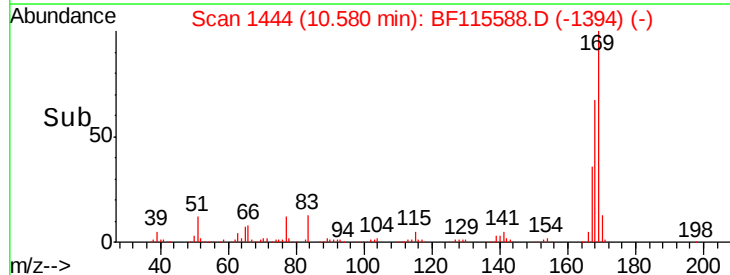
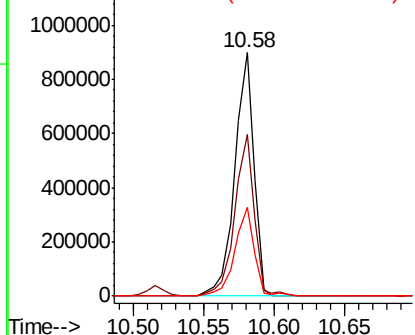


#66
 n-Nitrosodiphenylamine
 Concen: 38.221 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion:169 Resp: 848688
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.3 81.5
 167 36.4 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

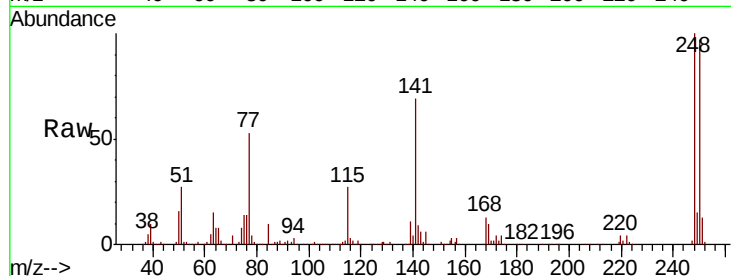




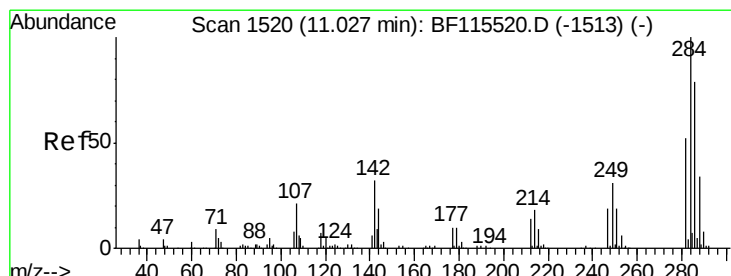
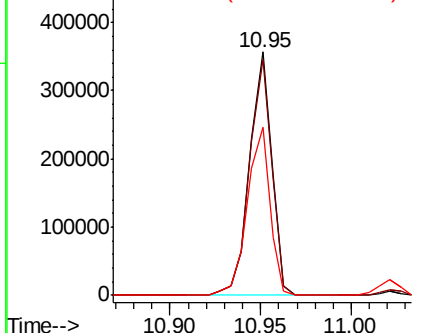
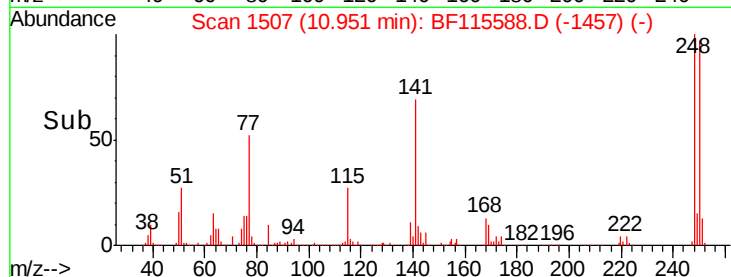
#67
 4-Bromophenyl-phenylether
 Concen: 37.364 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 304795
 Ion Ratio Lower Upper
 248 100
 250 97.0 78.0 117.0
 141 68.8 57.7 86.5

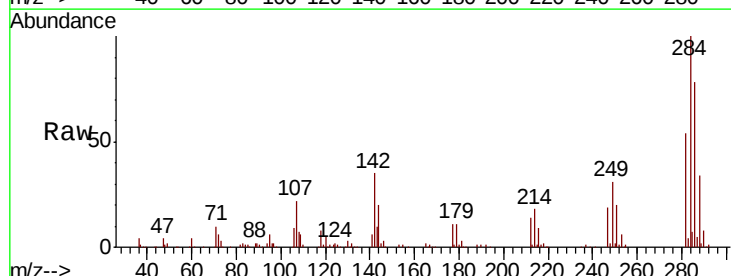


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

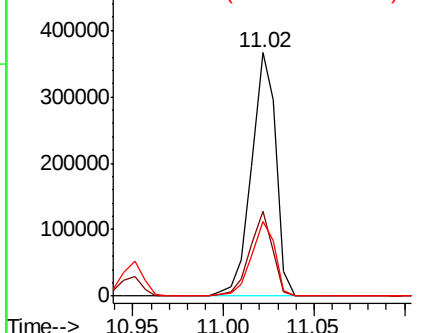
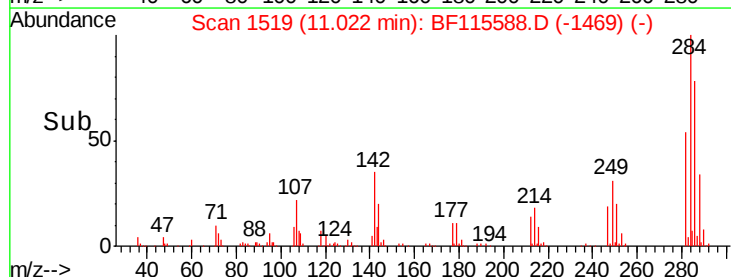


#68
 Hexachlorobenzene
 Concen: 36.860 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion:284 Resp: 343384
 Ion Ratio Lower Upper
 284 100
 142 34.9 22.2 33.2#
 249 30.5 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

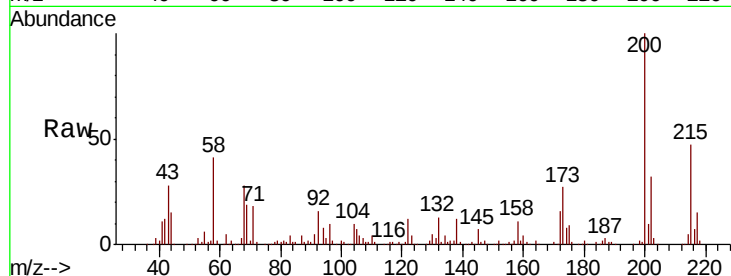




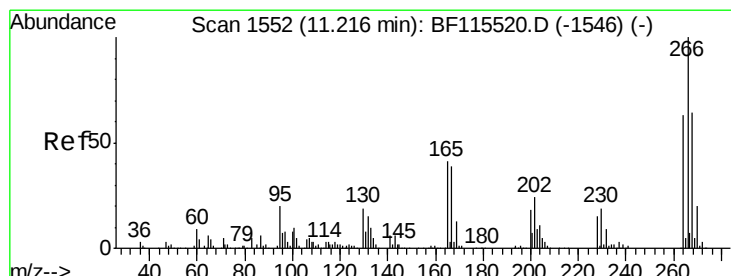
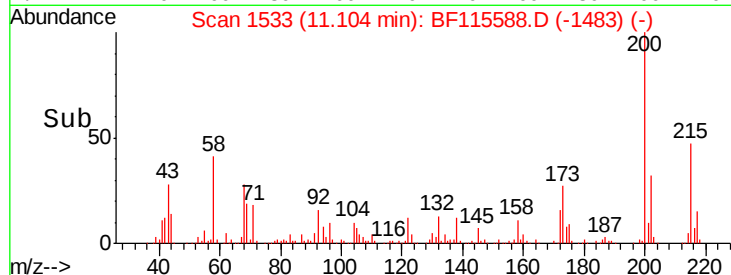
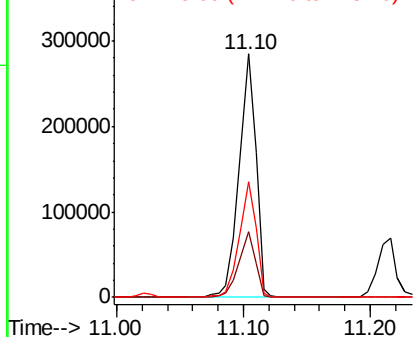
#69
Atrazine
Concen: 35.873 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 261313
Ion Ratio Lower Upper
200 100
173 26.8 6.9 46.9
215 47.4 27.9 67.9

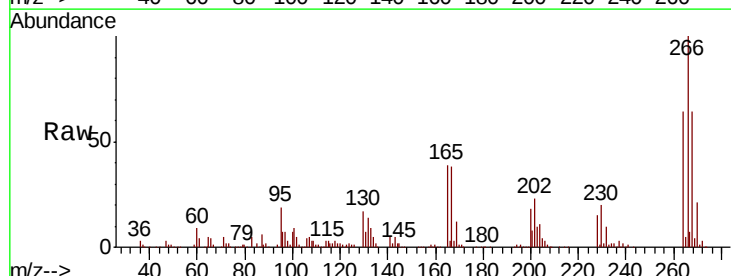


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

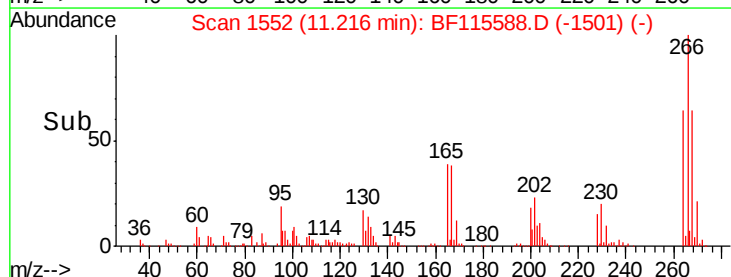
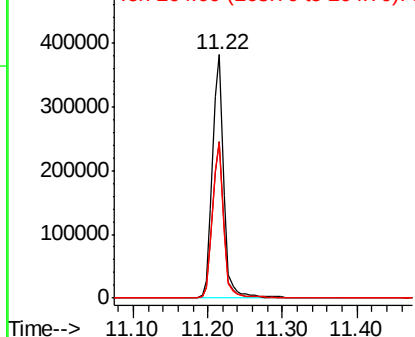


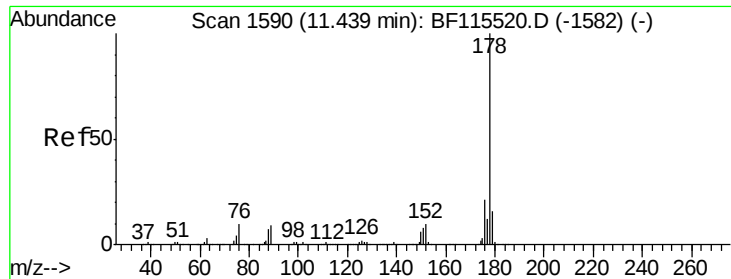
#70
Pentachlorophenol
Concen: 70.862 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:266 Resp: 403755
Ion Ratio Lower Upper
266 100
268 64.1 51.6 77.4
264 64.0 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

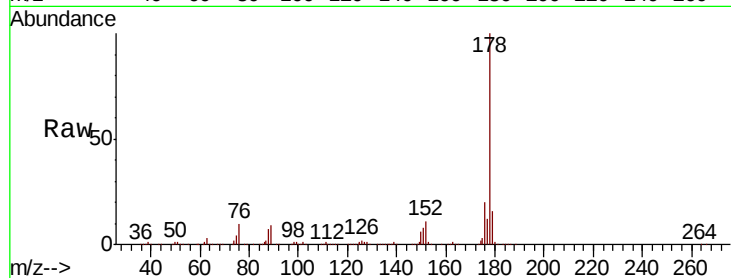




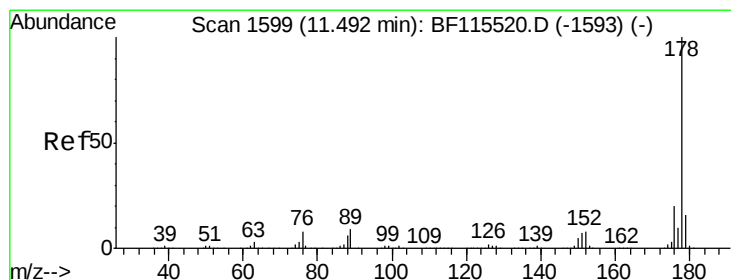
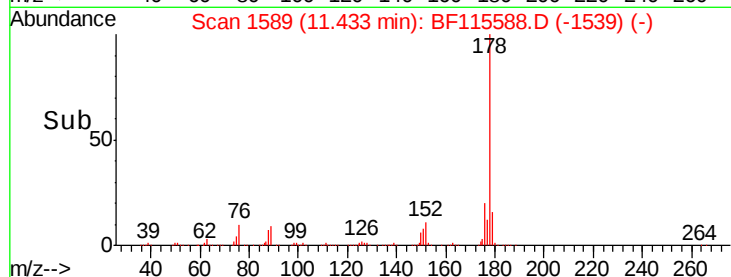
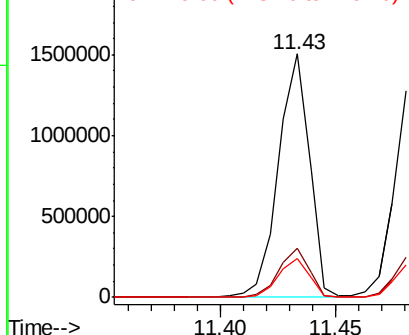
#71
Phenanthrene
Concen: 38.318 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1402090
Ion Ratio Lower Upper
178 100
176 20.2 17.2 25.8
179 16.2 13.5 20.3

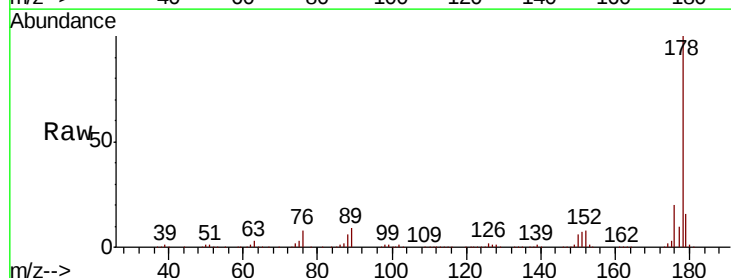


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

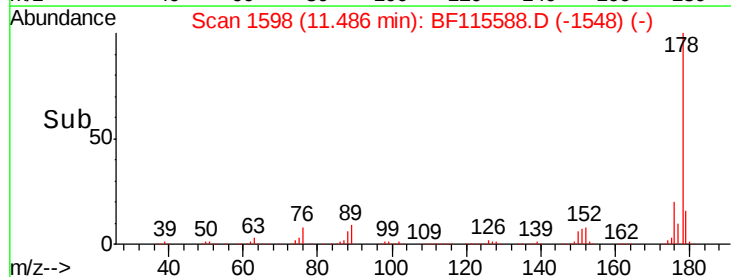
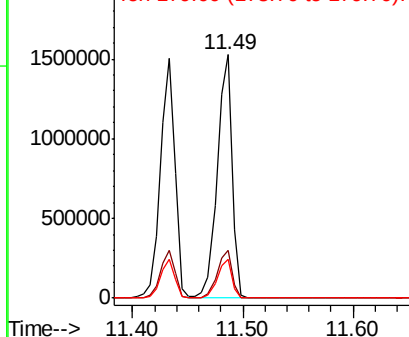


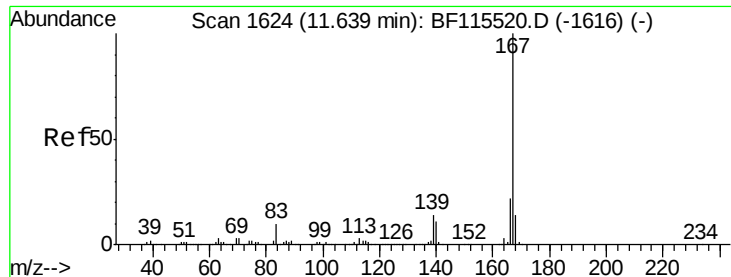
#72
Anthracene
Concen: 37.706 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:178 Resp: 1425876
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.982 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

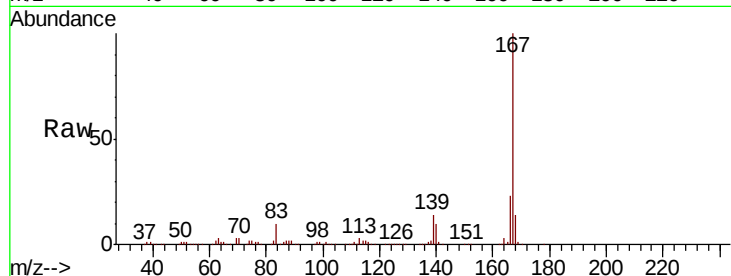
Tot Ion:167 Resp: 1259538

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

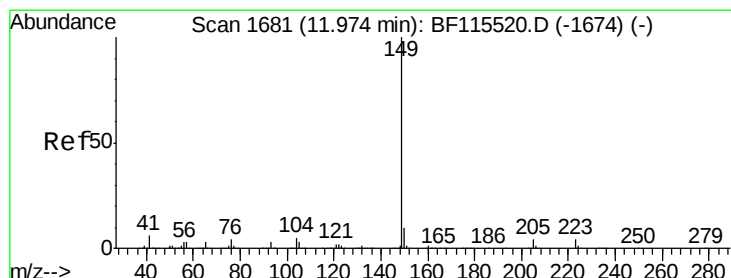
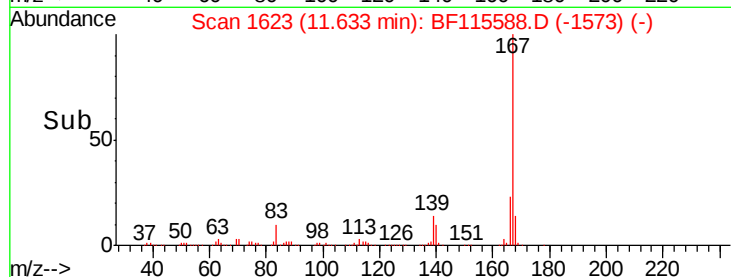
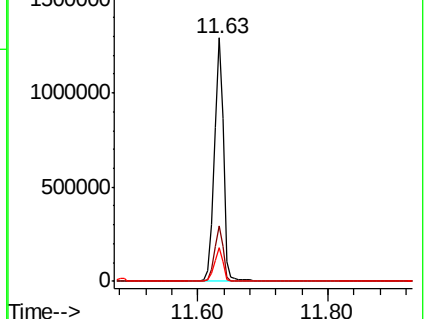
139 13.7 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.057 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

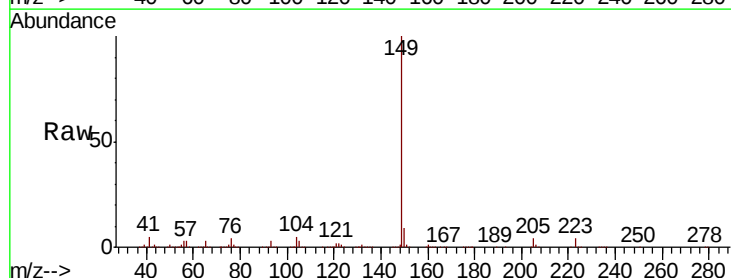
Tgt Ion:149 Resp: 1554501

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

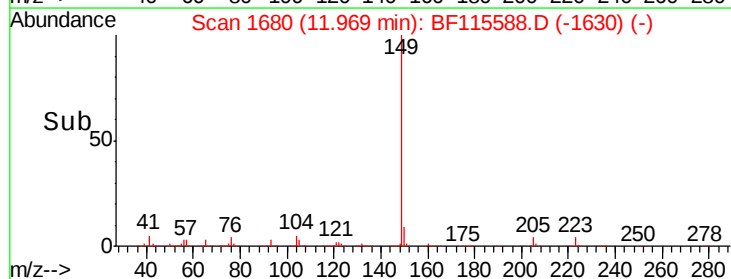
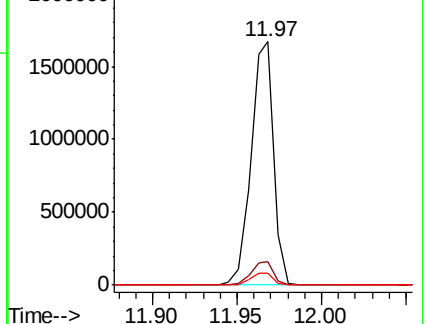
104 4.7 3.8 5.8

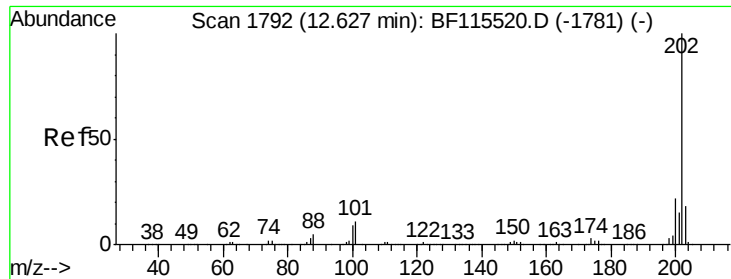


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

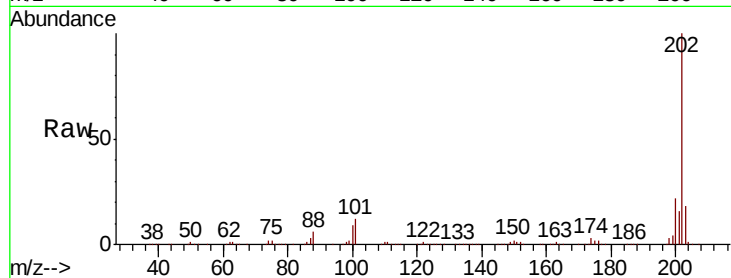




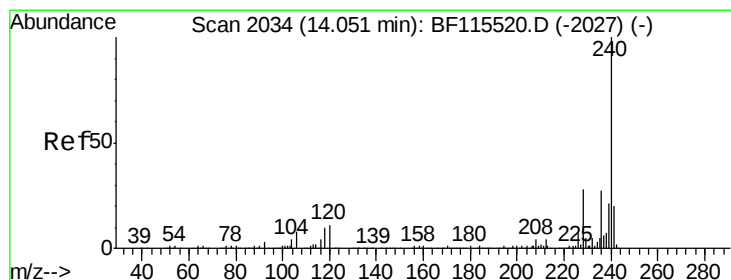
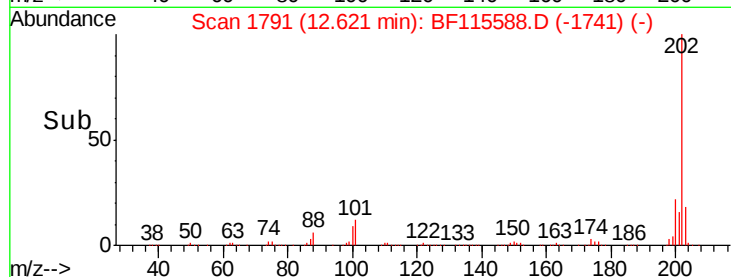
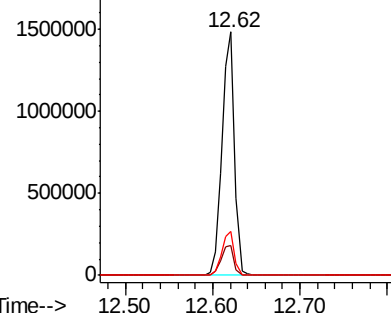
#75
Fluoranthene
Concen: 37.308 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1442584
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.4
203 17.9 0.0 38.1

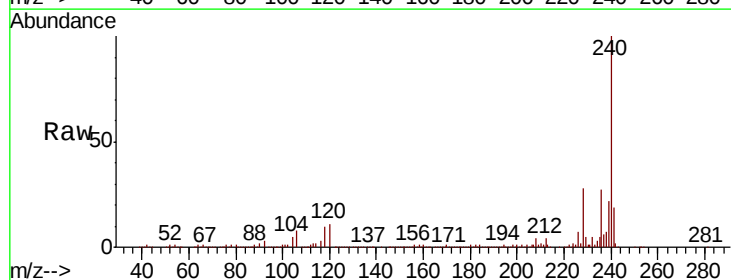


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

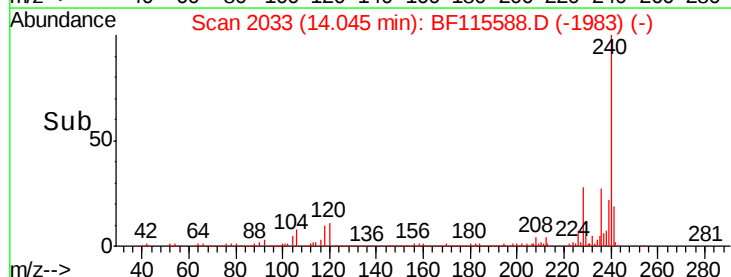
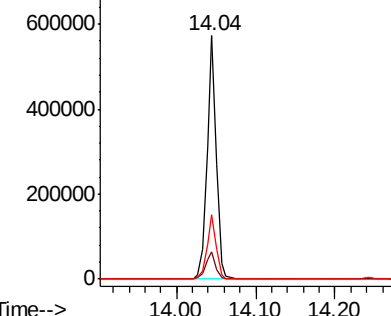


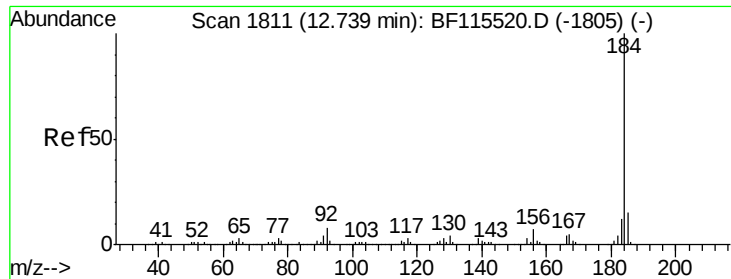
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:240 Resp: 457559
Ion Ratio Lower Upper
240 100
120 11.1 8.6 13.0
236 26.7 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
800000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.424 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

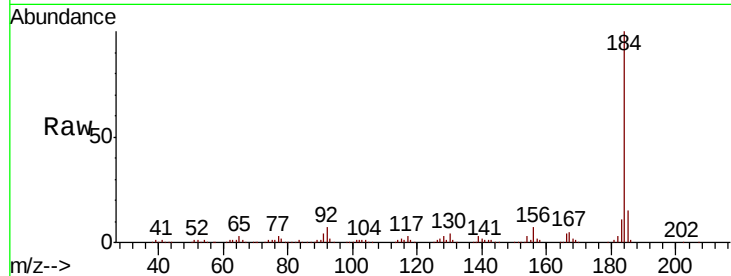
Tot Ion:184 Resp: 314844

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

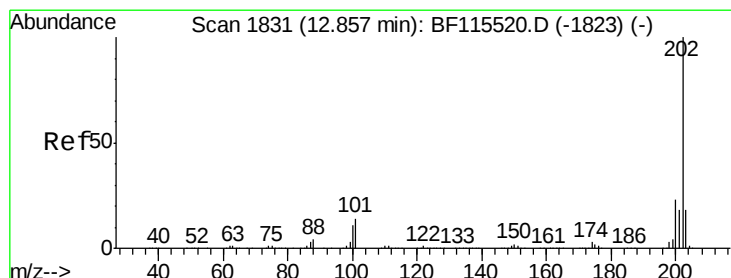
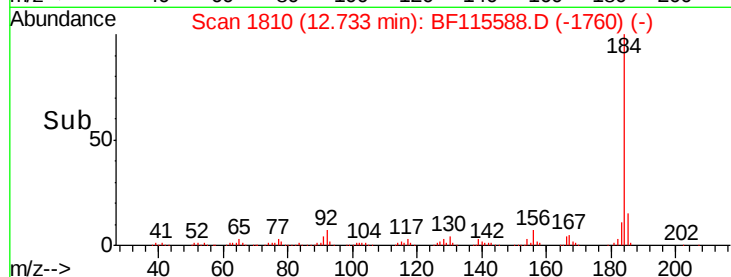
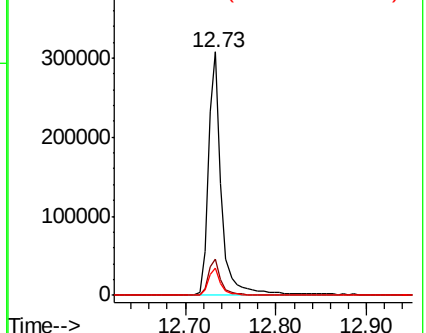
183 11.3 9.3 13.9



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: 37.574 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

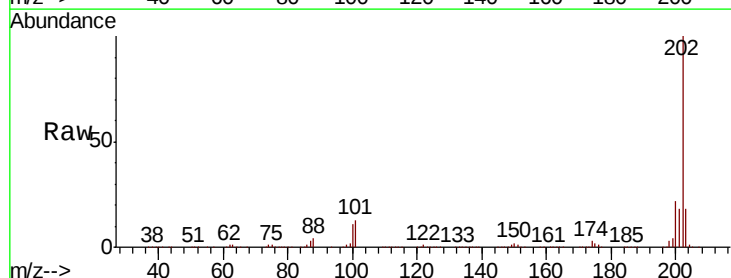
Tgt Ion:202 Resp: 1456582

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

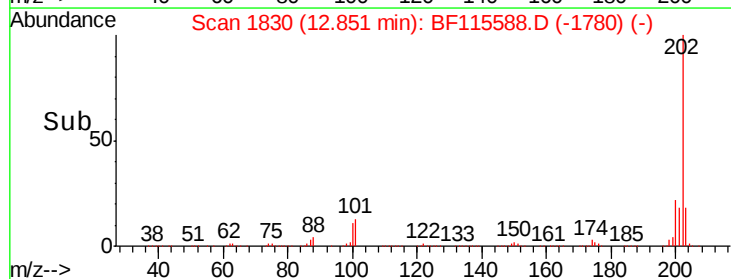
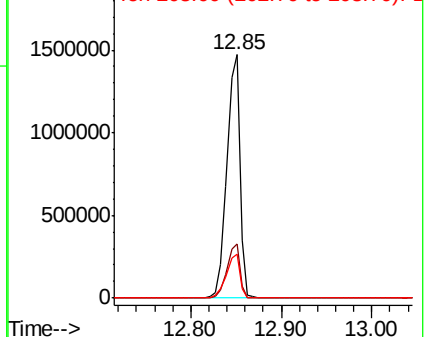
203 18.1 15.2 22.8



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: 74.613 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

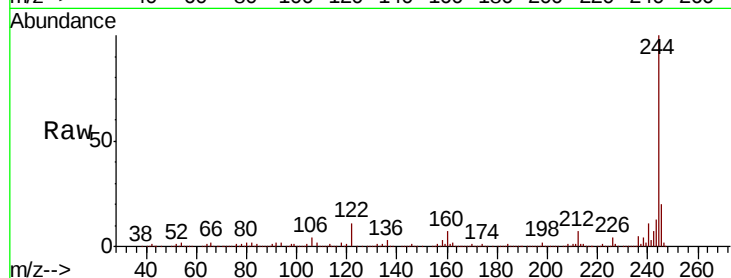
Tot Ion:244 Resp: 1850238

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

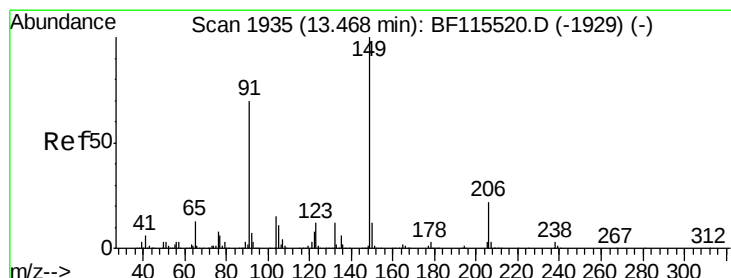
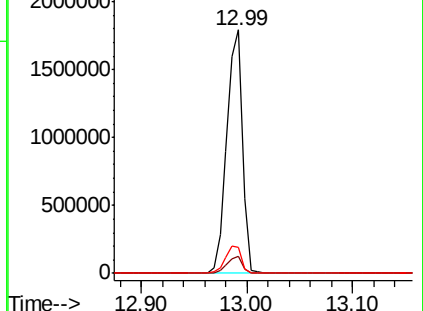
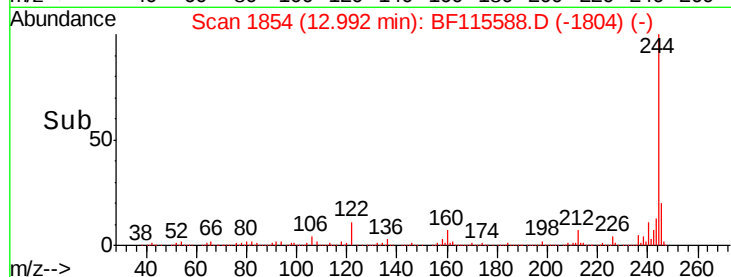
122 10.8 8.6 12.8



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: 38.279 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

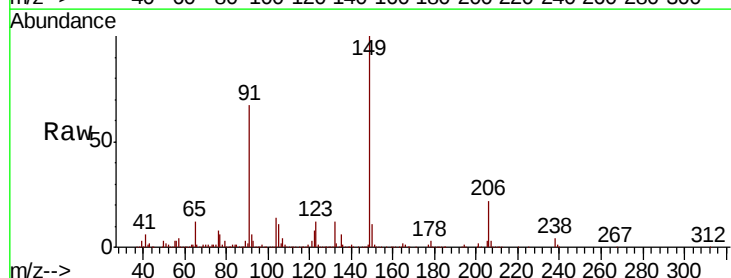
Tgt Ion:149 Resp: 632585

Ion Ratio Lower Upper

149 100

91 67.2 55.8 83.8

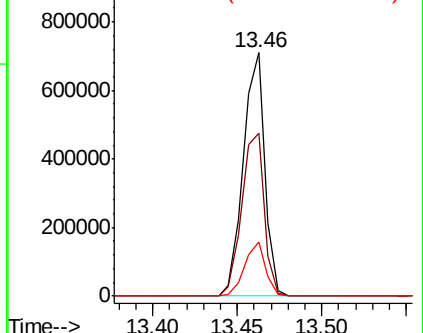
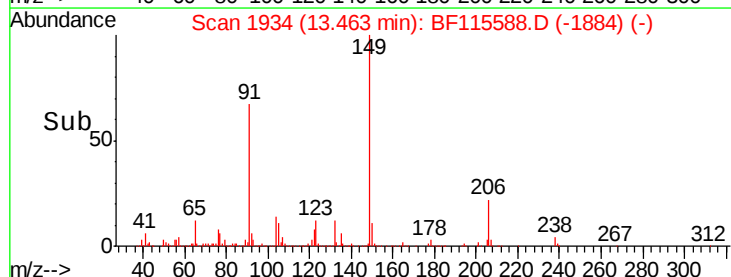
206 22.0 18.2 27.2

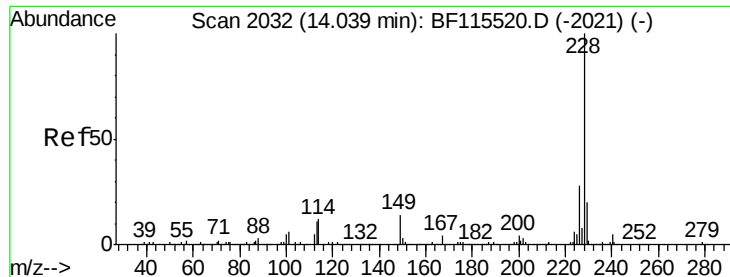


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

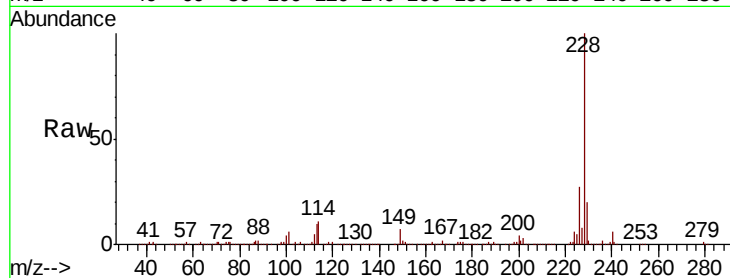




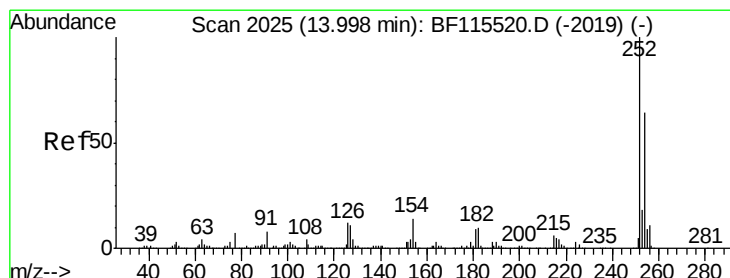
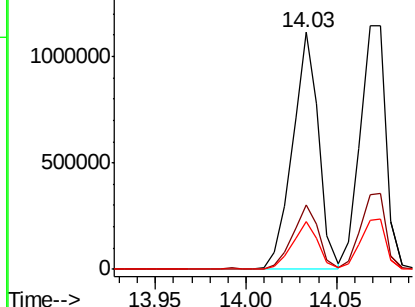
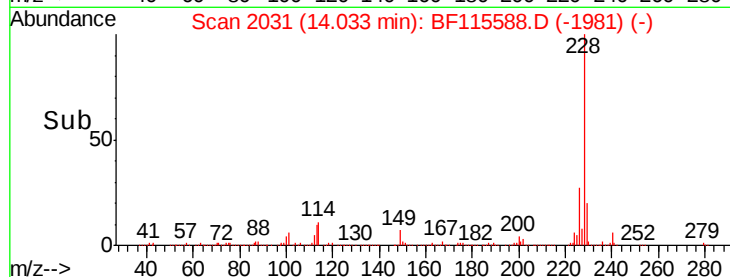
#81
Benzo(a)anthracene
Concen: 37.242 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1122614
Ion Ratio Lower Upper
228 100
226 27.1 23.4 35.0
229 20.0 17.2 25.8

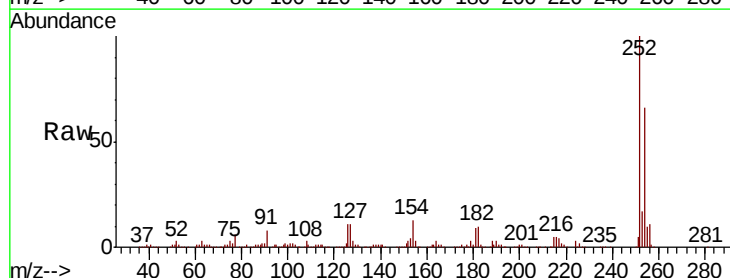


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

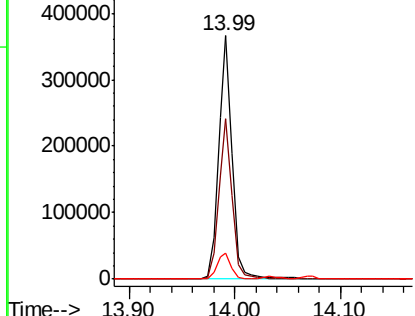
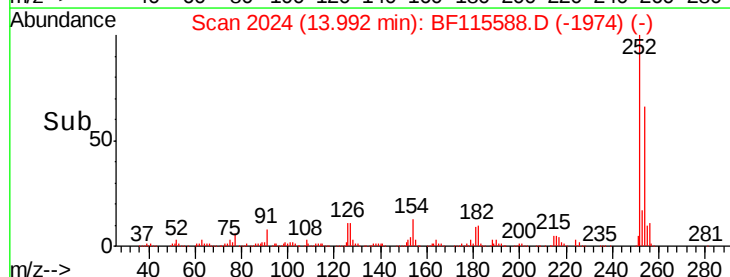


#82
3,3'-Dichlorobenzidine
Concen: 30.947 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:252 Resp: 331629
Ion Ratio Lower Upper
252 100
254 65.9 52.9 79.3
126 10.9 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: 37.991 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

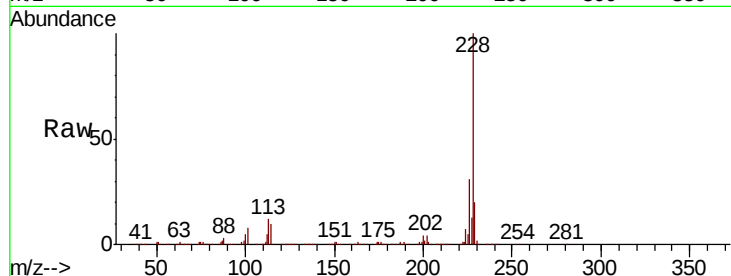
Tot Ion:228 Resp: 1149631

Ion Ratio Lower Upper

228 100

226 30.7 25.7 38.5

229 20.3 16.6 25.0

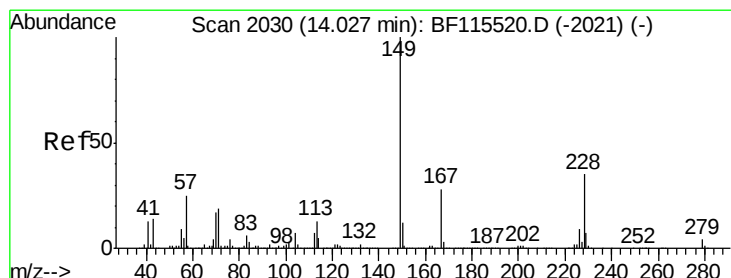
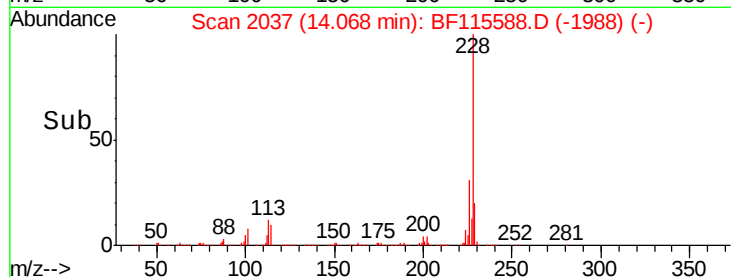
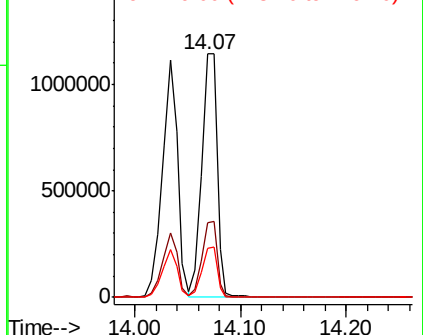


Abundance

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: 39.886 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

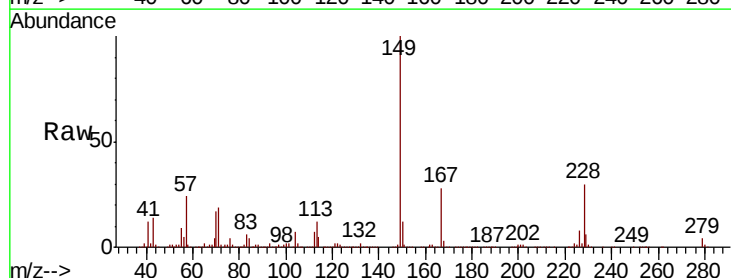
Tgt Ion:149 Resp: 816474

Ion Ratio Lower Upper

149 100

167 27.9 23.0 34.4

279 4.0 4.2 6.2#

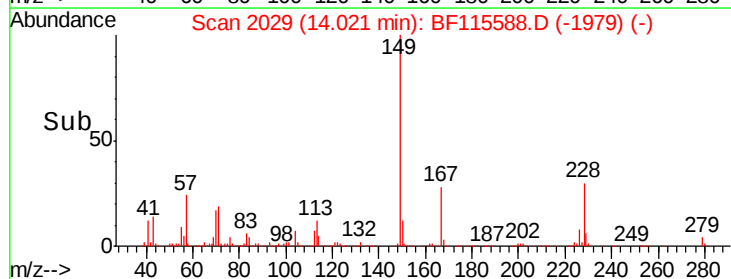
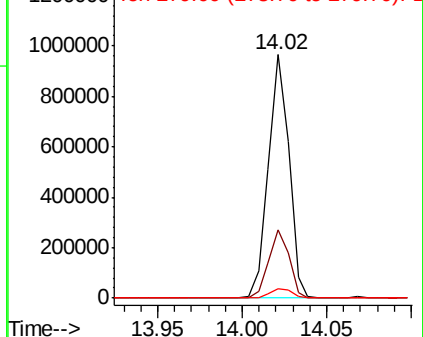


Abundance

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: 40.874 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

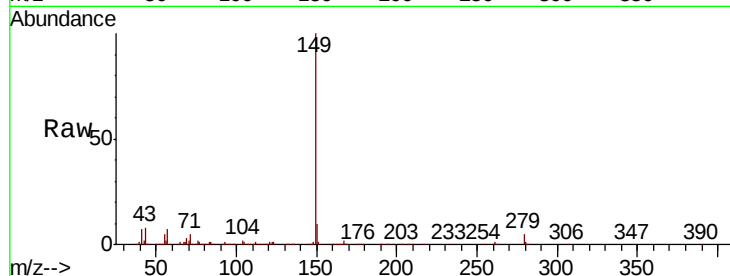
Tot Ion:149 Resp: 1331268

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

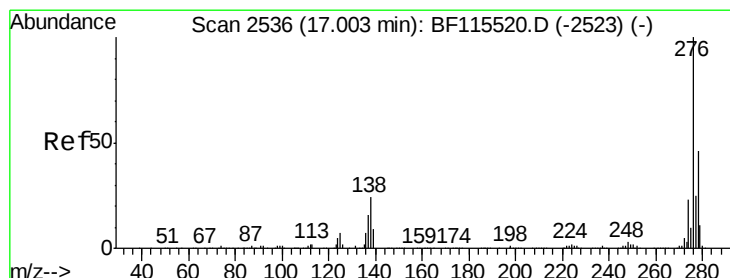
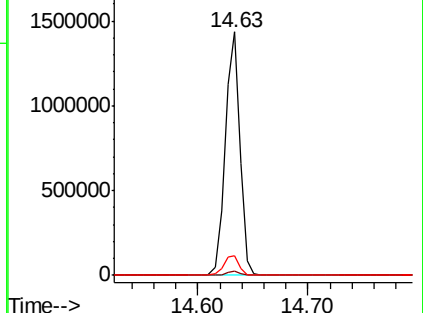
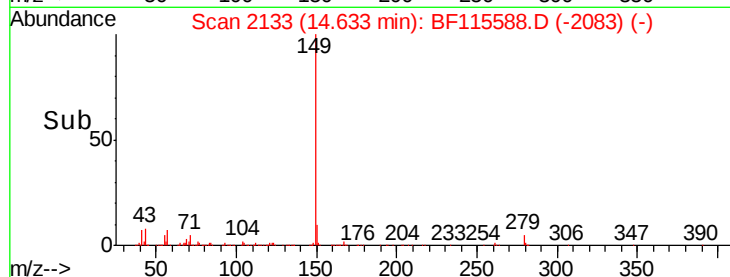
43 8.3 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.167 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

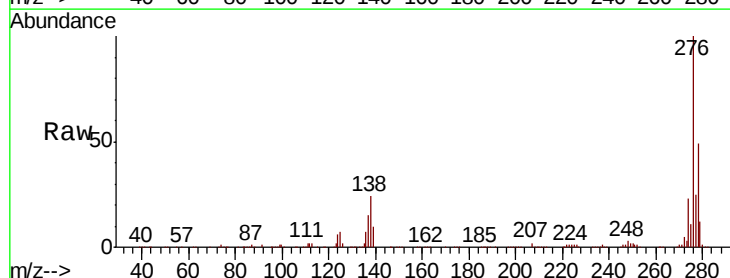
Tgt Ion:276 Resp: 904099

Ion Ratio Lower Upper

276 100

138 25.7 20.2 30.2

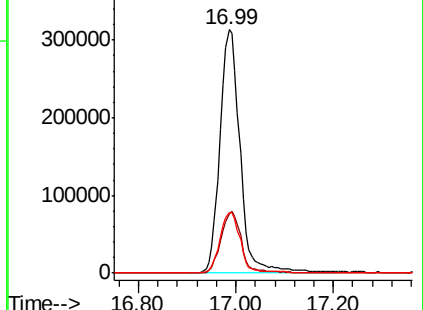
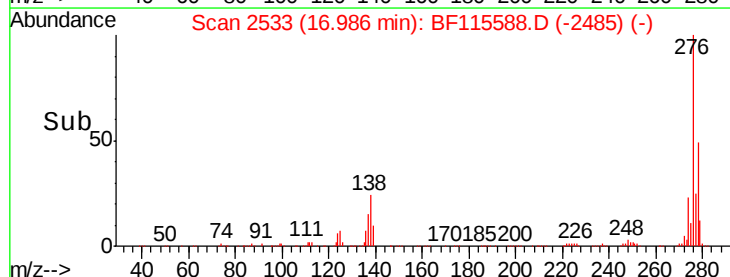
277 25.6 20.4 30.6

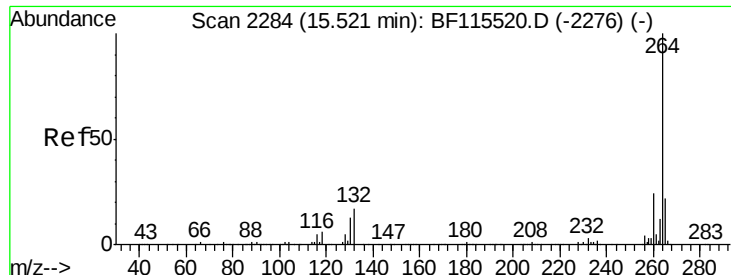


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



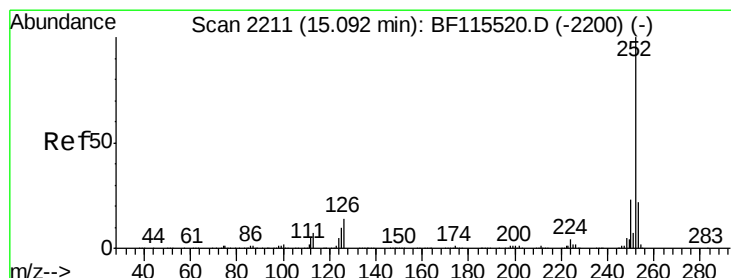
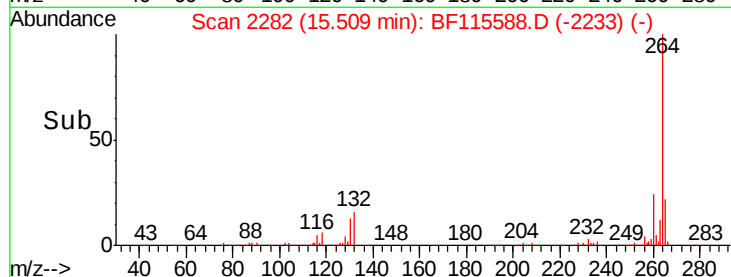
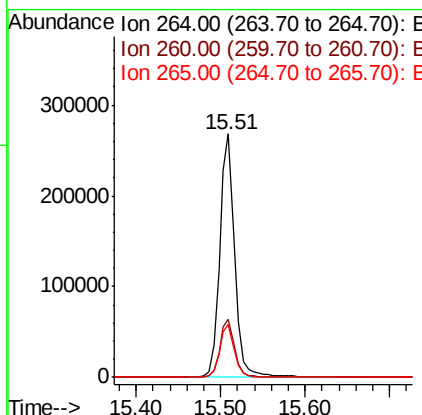
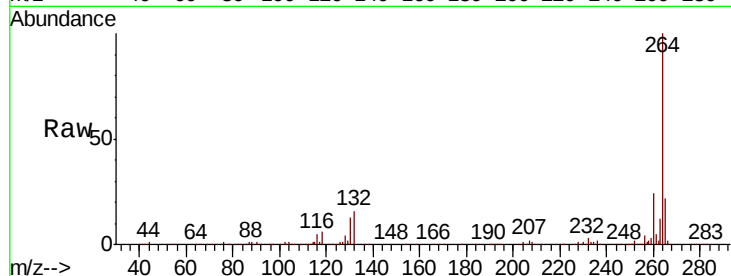


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 333279

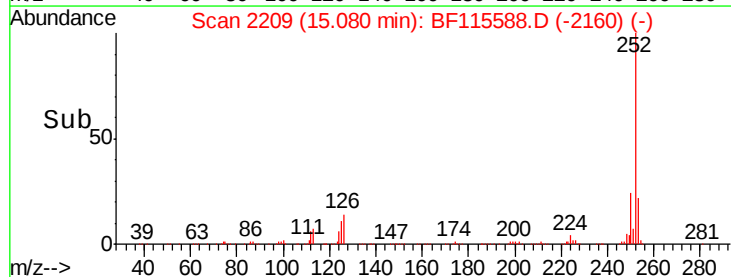
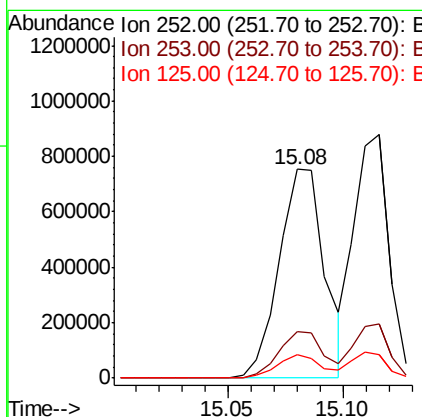
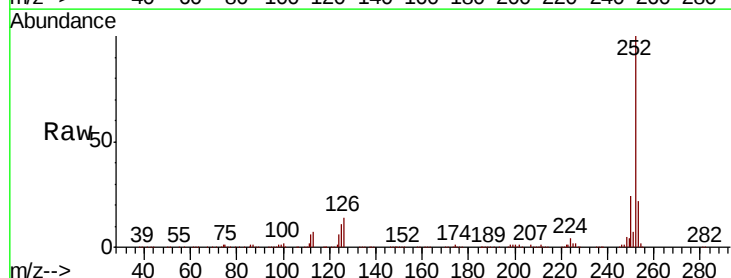
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.8
265	21.7	17.7	26.5

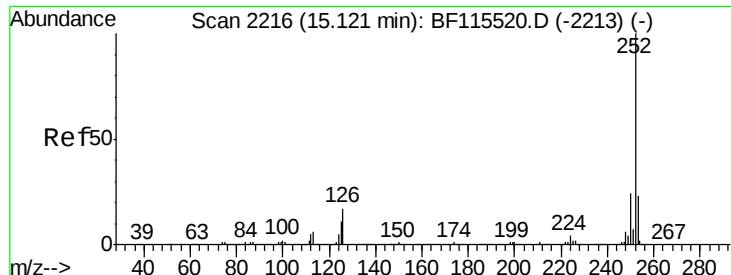


#88
Benzo(b)fluoranthene
Concen: 48.125 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:252 Resp: 1032789

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.3	9.0	13.4

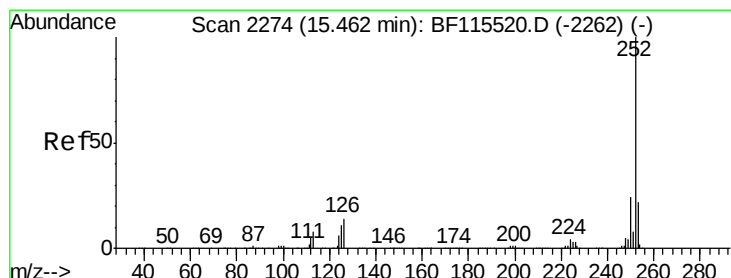
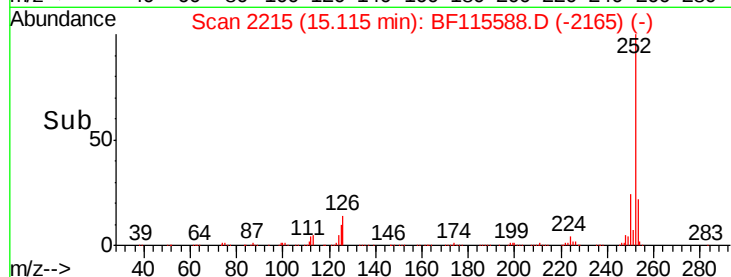
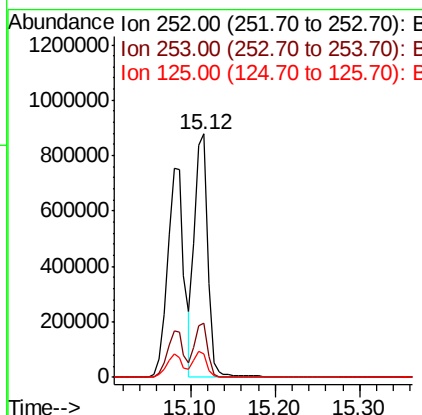
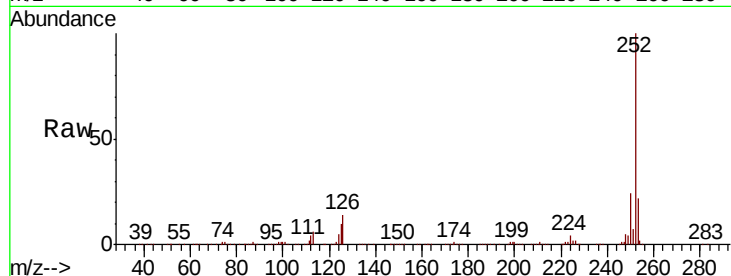




#89
Benzo(k)fluoranthene
Concen: 49.339 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

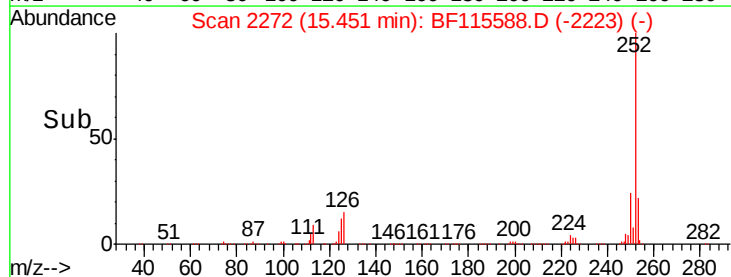
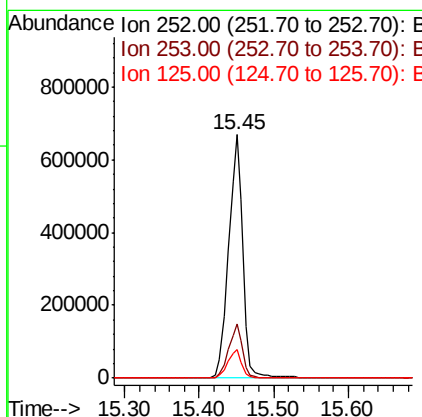
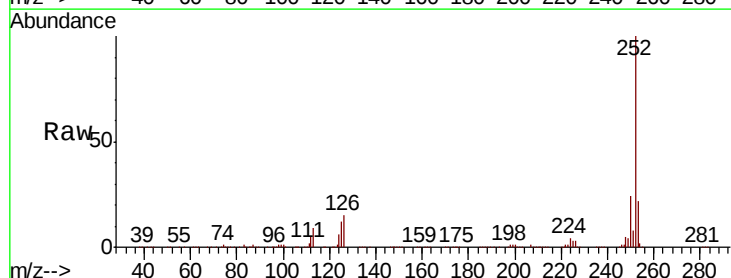
Instrument :
BNA_F
ClientSampleId :

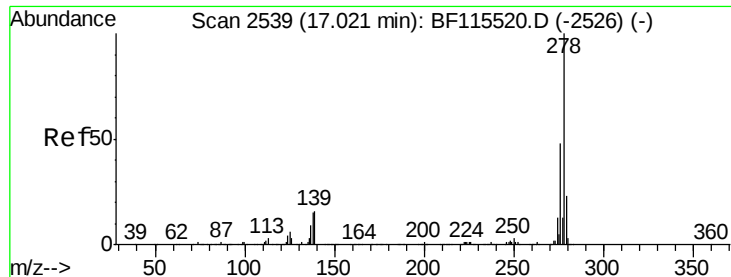
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	28.0
125	9.8	9.0	13.6



#90
Benzo(a)pyrene
Concen: 48.401 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.7	9.1	13.7





#91

Dibenzo(a,h)anthracene

Concen: 47.697 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

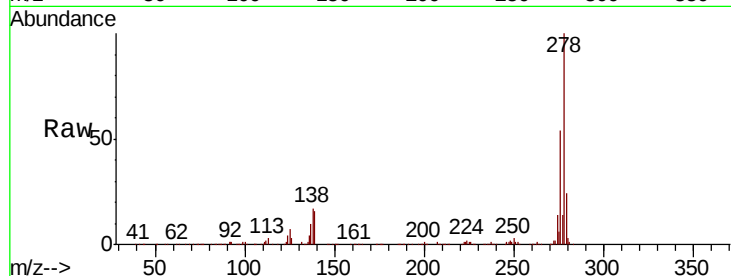
Tot Ion:278 Resp: 772351

Ion Ratio Lower Upper

278 100

139 15.6 13.1 19.7

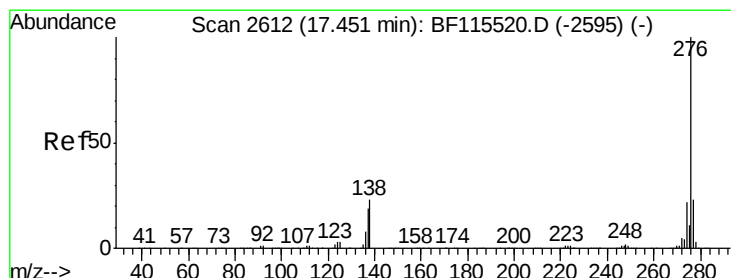
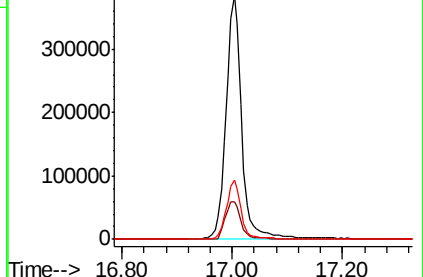
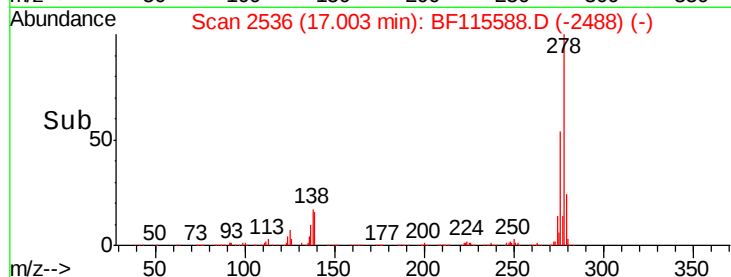
279 24.1 19.6 29.4



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: 46.208 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

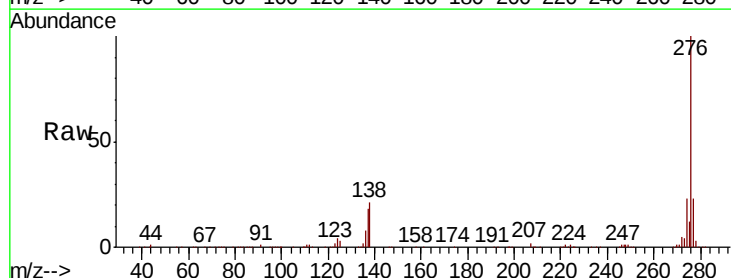
Tgt Ion:276 Resp: 746243

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 21.3 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

