

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115543.D
 Acq On : 12 Jul 2019 22:54
 Operator : HP/JU
 Sample : K3621-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 00:13:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	165165	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	629961	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	295017	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	519579	20.00	ng	0.00
76) Chrysene-d12	14.04	240	332726	20.00	ng	0.00
87) Perylene-d12	15.52	264	366351	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1063664	105.34	ng	0.02
7) Phenol-d6	6.52	99	1232876	96.22	ng	0.00
23) Nitrobenzene-d5	7.45	82	1022538	94.38	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	417796	121.33	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1821905	108.09	ng	0.00
79) Terphenyl-d14	12.99	244	1626995	90.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	158884	31.545	ng	# 86
3) Pyridine	3.57	79	348248	25.484	ng	100
4) n-Nitrosodimethylamine	3.51	42	172209	34.737	ng	100
6) Aniline	6.55	93	246272	13.812	ng	98
8) 2-Chlorophenol	6.67	128	456042	39.283	ng	99
9) Benzaldehyde	6.43	77	196024	24.483	ng	100
10) Phenol	6.53	94	447935	30.116	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	452688	39.976	ng	99
12) 1,3-Dichlorobenzene	6.83	146	513919	39.373	ng	97
13) 1,4-Dichlorobenzene	6.90	146	519472	39.888	ng	98
14) 1,2-Dichlorobenzene	7.06	146	481401	40.437	ng	98
15) Benzyl Alcohol	7.03	79	413665	40.699	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	598315	40.133	ng	96
17) 2-Methylphenol	7.13	107	383894	38.371	ng	99
18) Hexachloroethane	7.40	117	182133	37.679	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	334346	40.012	ng	98
20) 3+4-Methylphenols	7.29	107	442399	37.227	ng	95
22) Acetophenone	7.29	105	659280	46.325	ng	95
24) Nitrobenzene	7.46	77	515739	44.135	ng	96
25) Isophorone	7.70	82	939565	43.340	ng	99
26) 2-Nitrophenol	7.78	139	254154	42.256	ng	98
27) 2,4-Dimethylphenol	7.82	122	412304	45.815	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	582579	43.804	ng	99
29) 2,4-Dichlorophenol	8.02	162	410832	43.895	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	452981	42.817	ng	98
31) Naphthalene	8.19	128	1365129	44.745	ng	97
32) Benzoic acid	7.91	122	154451	20.913	ng	97
33) 4-Chloroaniline	8.23	127	130542	9.660	ng	98
34) Hexachlorobutadiene	8.31	225	258599	42.624	ng	99
35) Caprolactam	8.60	113	48570	16.794	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	413588	42.601	ng	97
37) 2-Methylnaphthalene	8.88	142	916106	45.299	ng	98
38) 1-Methylnaphthalene	8.98	142	861090	44.827	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	426983	48.062	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115543.D
 Acq On : 12 Jul 2019 22:54
 Operator : HP/JU
 Sample : K3621-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 00:13:07 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

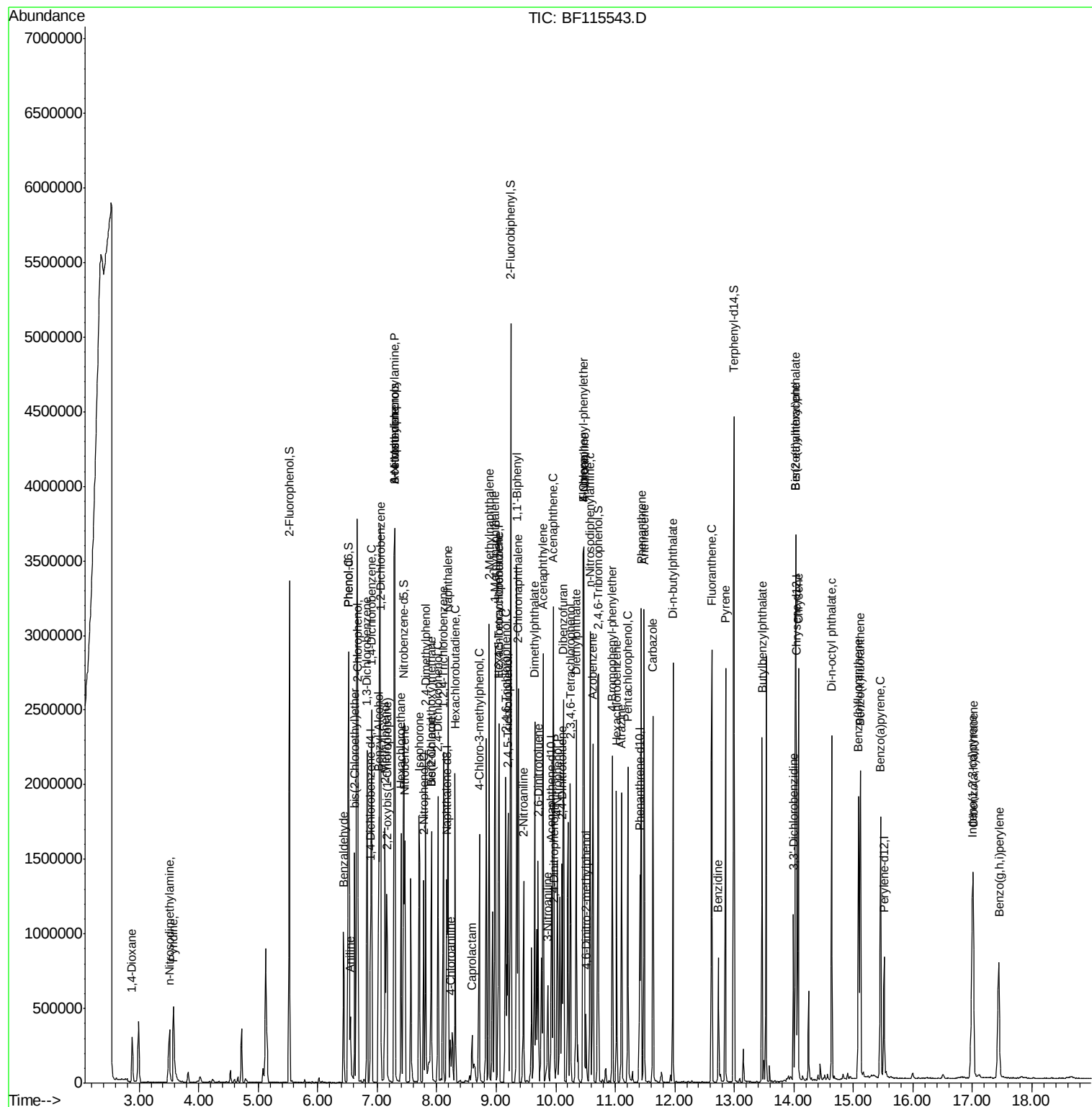
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	224289	44.258	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	289866	44.617	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	297421	44.702	nq	99
46) 1,1'-Biphenyl	9.35	154	1111116	48.175	nq	98
47) 2-Chloronaphthalene	9.37	162	866937	45.143	nq	98
48) 2-Nitroaniline	9.46	65	258419	43.475	nq	92
49) Acenaphthylene	9.79	152	1298950	45.647	nq	98
50) Dimethylphthalate	9.65	163	1017967	45.862	nq	99
51) 2,6-Dinitrotoluene	9.70	165	224909	44.587	nq	93
52) Acenaphthene	9.96	154	813742	44.293	nq	98
53) 3-Nitroaniline	9.87	138	123061	21.349	nq	95
54) 2,4-Dinitrophenol	9.97	184	76231	29.435	nq	93
55) Dibenzofuran	10.13	168	1152352	44.168	nq	99
56) 4-Nitrophenol	10.03	139	292160	66.467	nq	99
57) 2,4-Dinitrotoluene	10.10	165	288136	44.091	nq	97
58) Fluorene	10.47	166	832049	44.610	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	237169	42.642	nq	98
60) Diethylphthalate	10.35	149	958679	46.097	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	440062	42.546	nq	97
62) 4-Nitroaniline	10.48	138	207509	37.529	nq	99
63) Azobenzene	10.62	77	897413	44.488	nq	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	69385	21.857	nq	89
66) n-Nitrosodiphenylamine	10.58	169	779716	48.243	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	270905	45.626	nq	99
68) Hexachlorobenzene	11.03	284	291561	42.999	nq	98
69) Atrazine	11.10	200	249571	47.070	nq	97
70) Pentachlorophenol	11.22	266	283346	68.322	nq	99
71) Phenanthrene	11.43	178	1193313	44.806	nq	97
72) Anthracene	11.49	178	1190677	43.259	nq	99
73) Carbazole	11.63	167	1040392	43.104	nq	99
74) Di-n-butylphthalate	11.97	149	1398038	47.023	nq	100
75) Fluoranthene	12.62	202	1118089	39.727	nq	99
77) Benzidine	12.73	184	327980	27.826	nq	99
78) Pyrene	12.85	202	1108562	39.325	nq	97
80) Butylbenzylphthalate	13.46	149	511350	42.552	nq	98
81) Benzo(a)anthracene	14.03	228	915007	41.743	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	233865	30.012	nq	98
83) Chrysene	14.07	228	950001	43.173	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	688310	46.241	nq	98
85) Di-n-octyl phthalate	14.64	149	1169115	49.363	nq	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	854739	45.721	nq	99
88) Benzo(b)fluoranthene	15.09	252	1019660	43.224	nq	100
89) Benzo(k)fluoranthene	15.12	252	895276	42.568	nq	97
90) Benzo(a)pyrene	15.46	252	889161	43.854	nq	99
91) Dibenzo(a,h)anthracene	17.02	278	733851	41.228	nq	98
92) Benzo(g,h,i)perylene	17.44	276	665134	37.468	nq	98

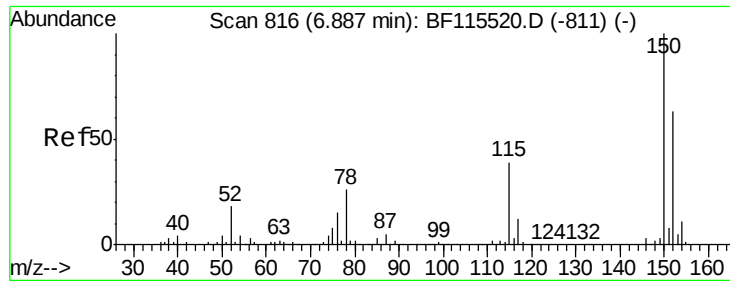
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115543.D
Acq On : 12 Jul 2019 22:54
Operator : HP/JU
Sample : K3621-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Jul 13 00:13:07 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



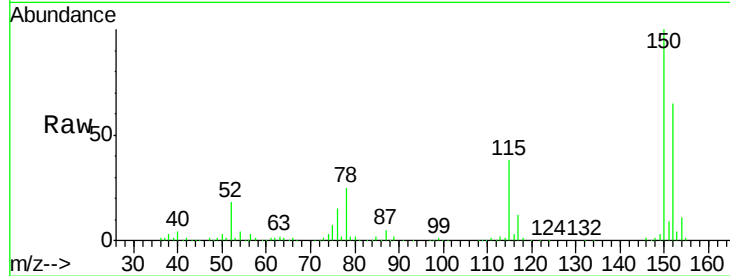


#1

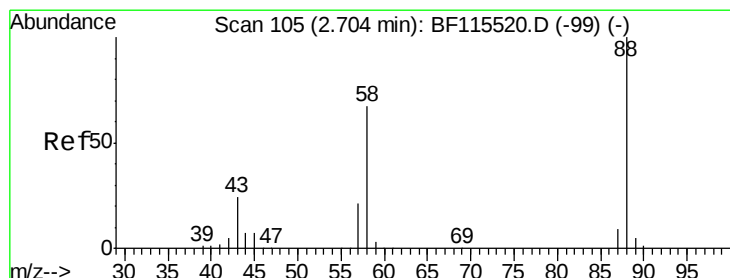
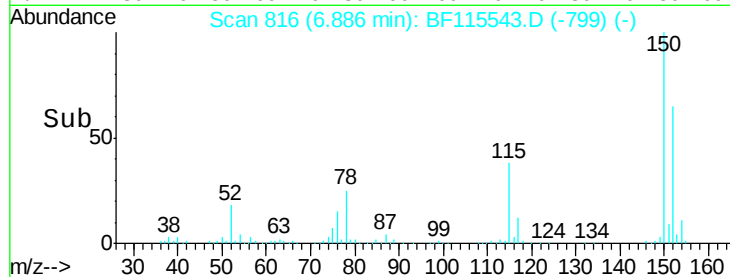
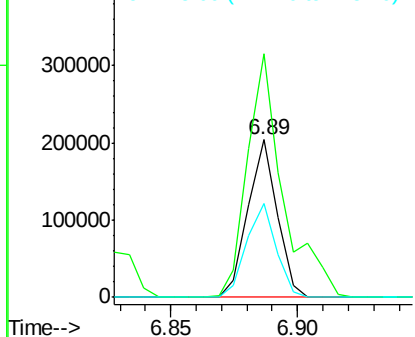
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165165
Ion Ratio Lower Upper
152 100
150 154.5 129.7 194.5
115 59.4 48.2 72.4



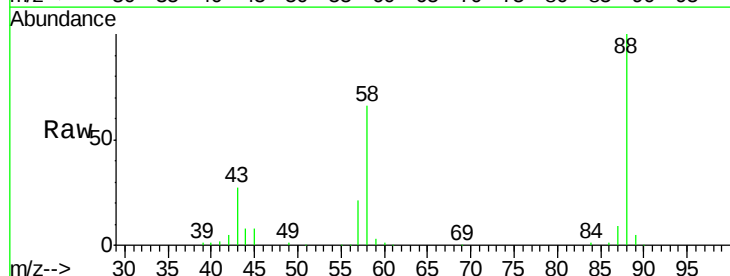
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



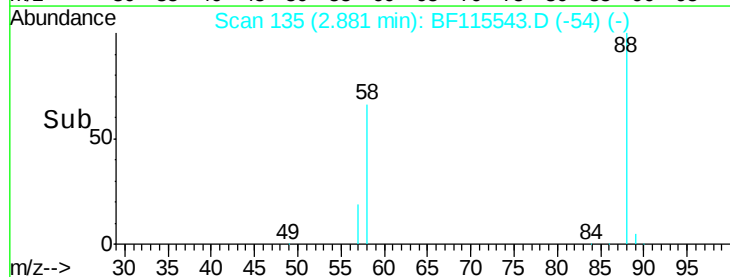
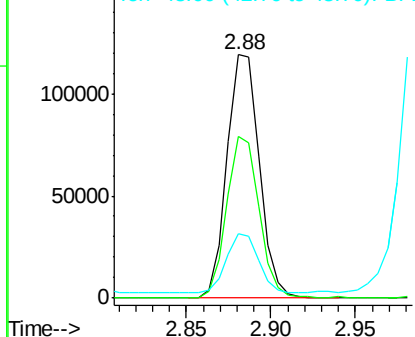
#2

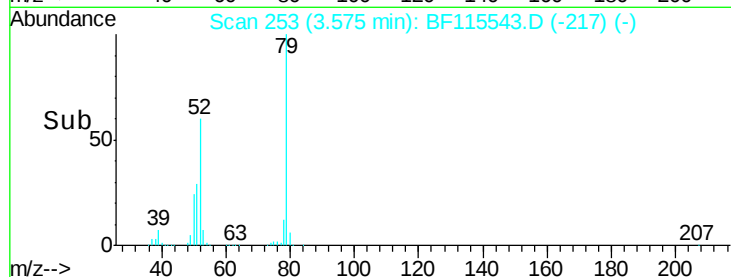
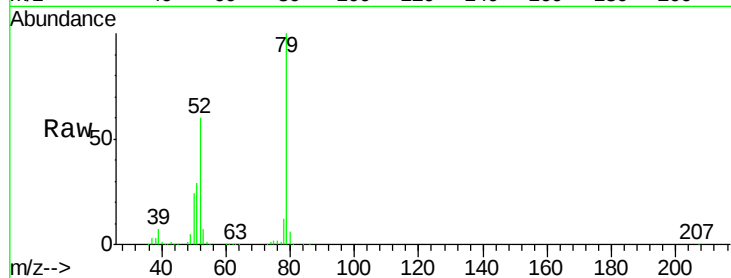
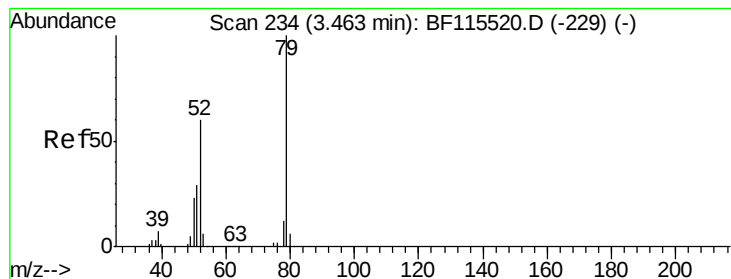
1,4-Dioxane
Concen: 31.545 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.18 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion: 88 Resp: 158884
Ion Ratio Lower Upper
88 100
58 66.8 52.6 79.0
43 0.0 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: 25.484 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.11 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampled :

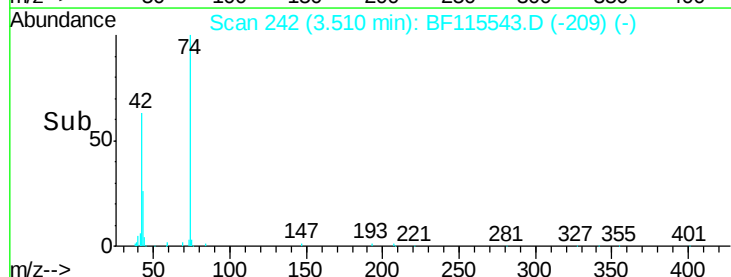
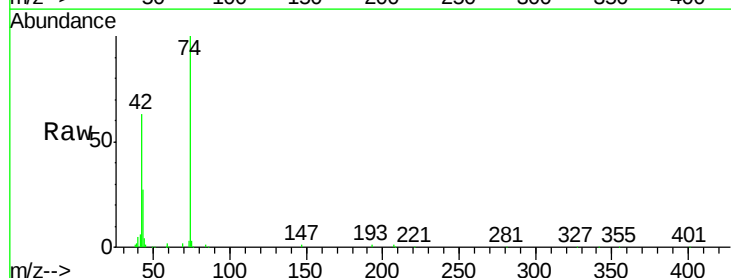
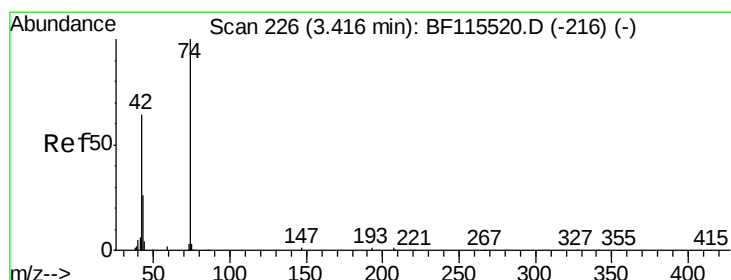
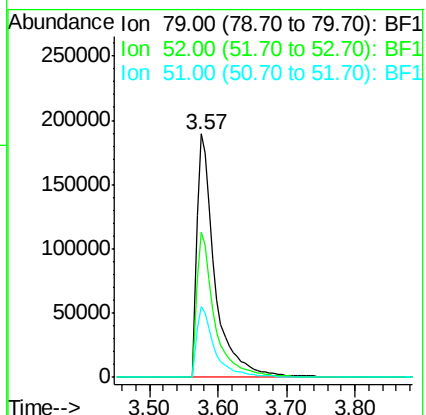
Tot Ion: 79 Resp: 348248

Ion Ratio Lower Upper

79 100

52 59.7 47.8 71.6

51 29.3 23.8 35.8



#4

n-Nitrosodimethylamine

Concen: 34.737 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.09 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

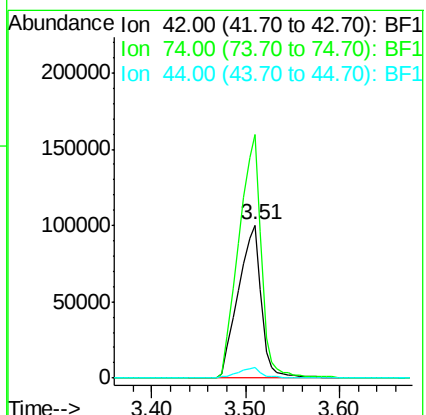
Tgt Ion: 42 Resp: 172209

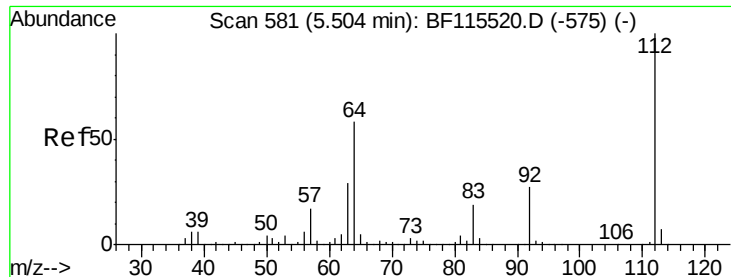
Ion Ratio Lower Upper

42 100

74 159.1 127.5 191.3

44 6.6 5.0 7.6





#5

2-Fluorophenol

Concen: 105.340 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.02 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

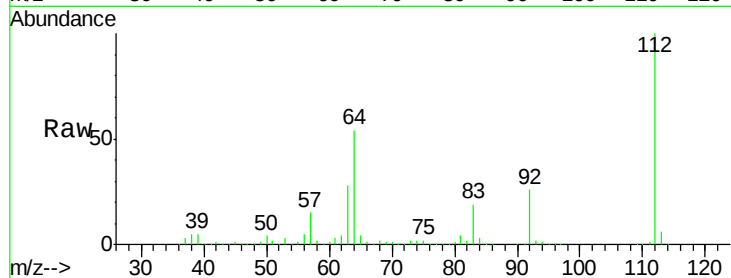
Tot Ion:112 Resp: 1063664

Ion Ratio Lower Upper

112 100

64 53.9 46.8 70.2

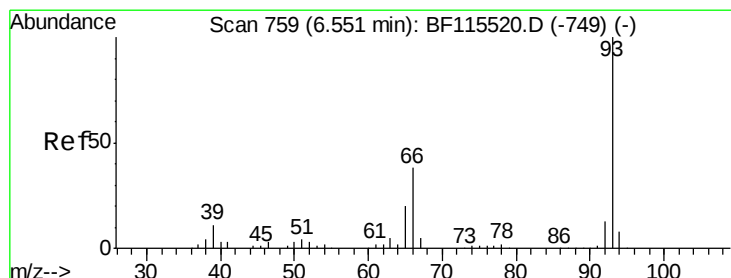
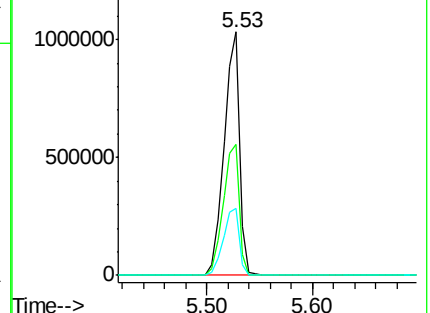
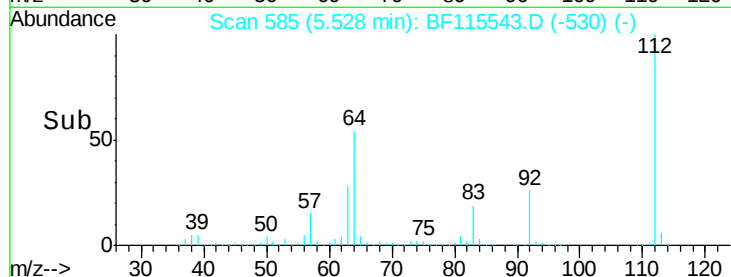
63 27.6 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.812 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

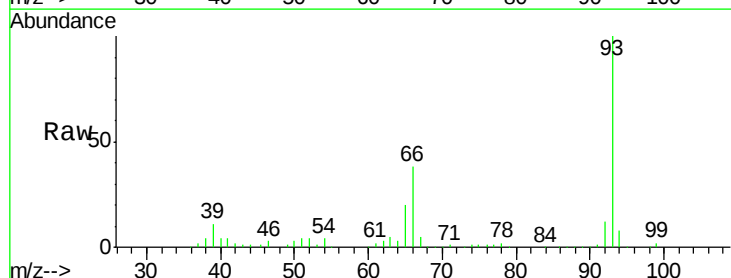
Tgt Ion: 93 Resp: 246272

Ion Ratio Lower Upper

93 100

66 38.1 31.7 47.5

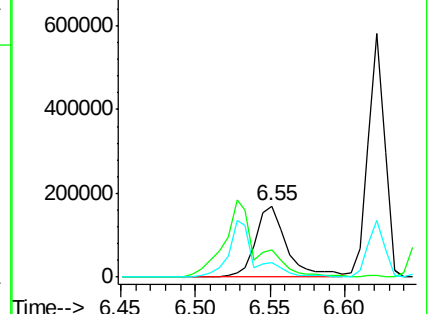
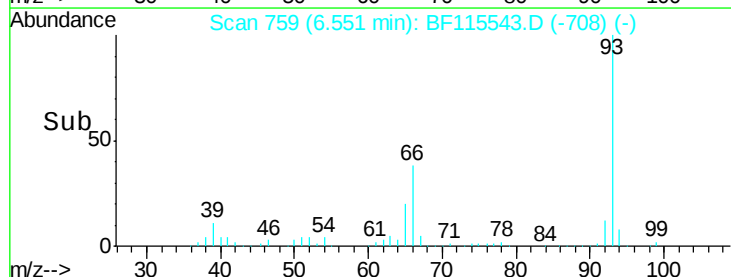
65 19.5 16.2 24.2

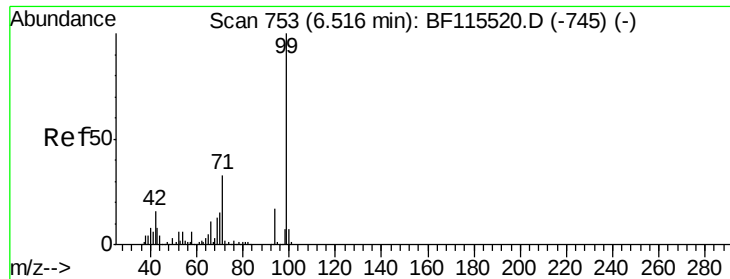


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.224 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

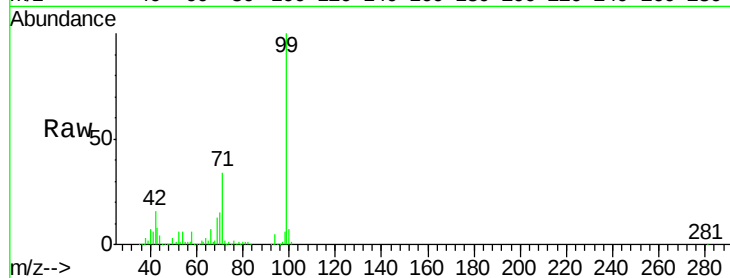
Tot Ion: 99 Resp: 1232876

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

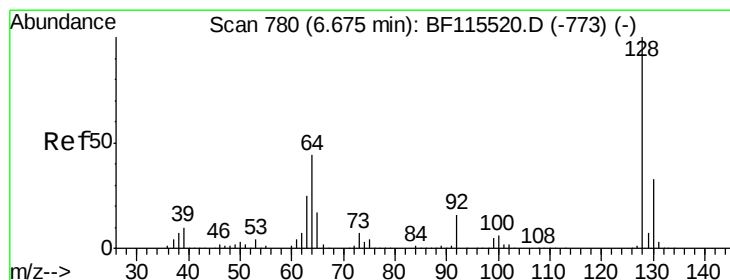
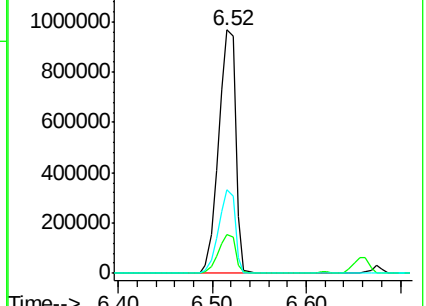
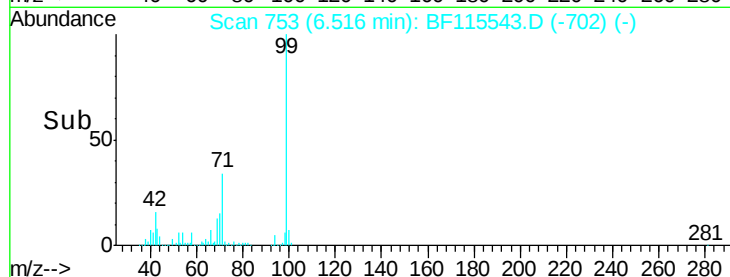
71 34.2 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.283 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

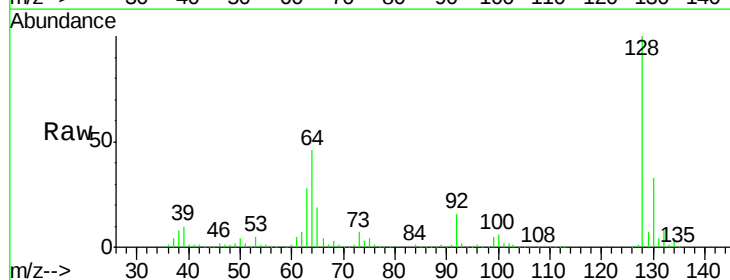
Tgt Ion: 128 Resp: 456042

Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

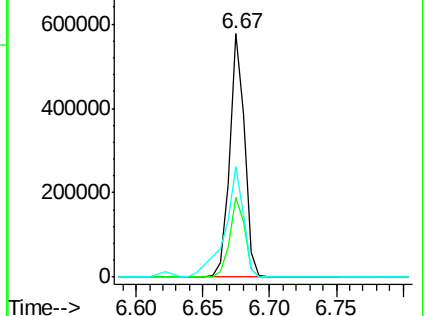
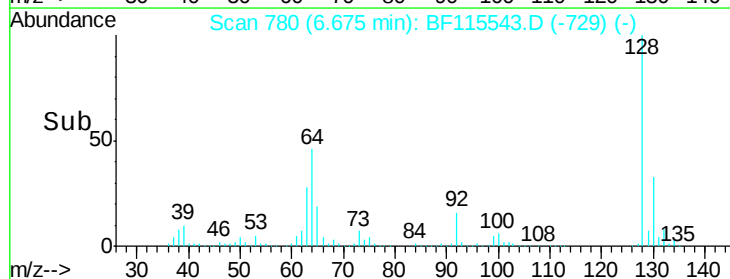
64 45.6 26.8 66.8

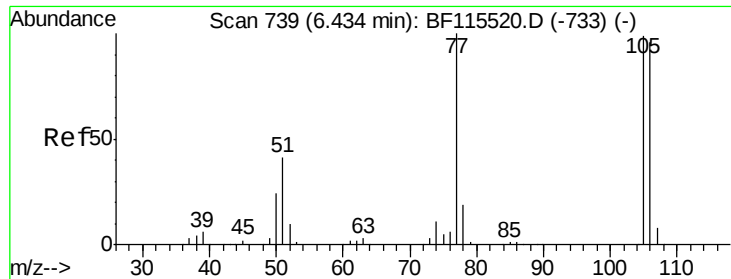


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.483 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

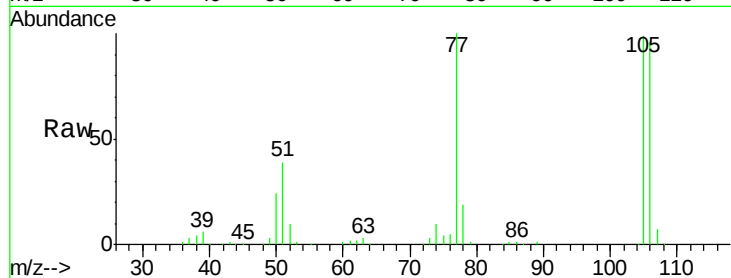
Tot Ion: 77 Resp: 196024

Ion Ratio Lower Upper

77 100

105 98.7 78.8 118.8

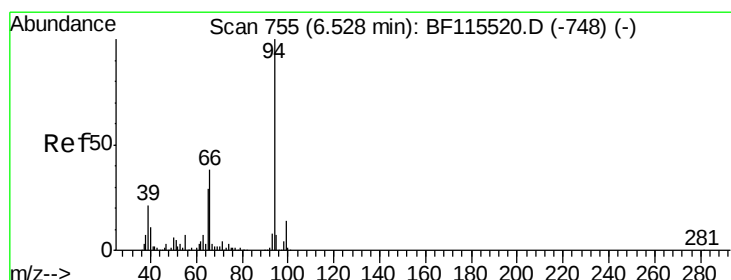
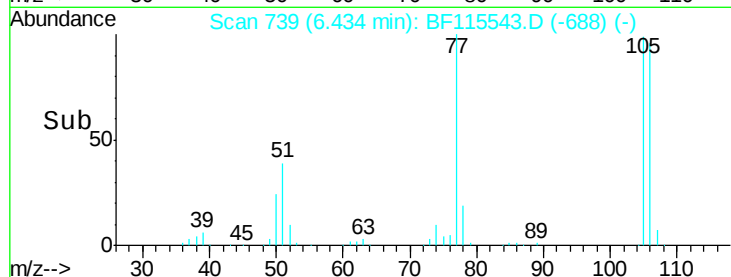
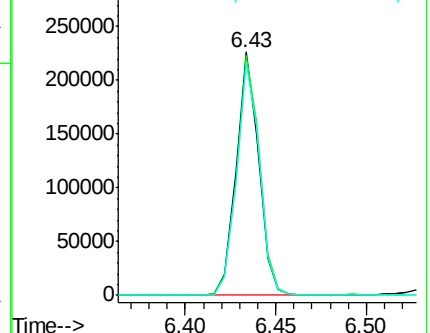
106 95.5 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.116 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

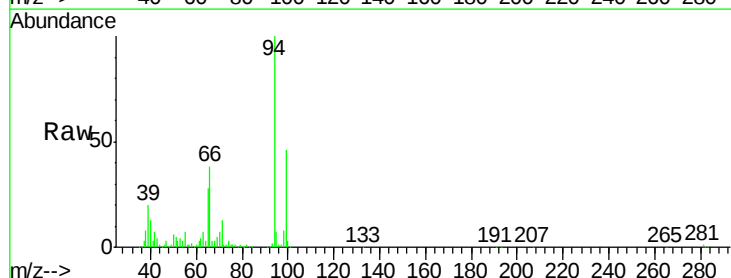
Tgt Ion: 94 Resp: 447935

Ion Ratio Lower Upper

94 100

65 28.2 14.5 54.5

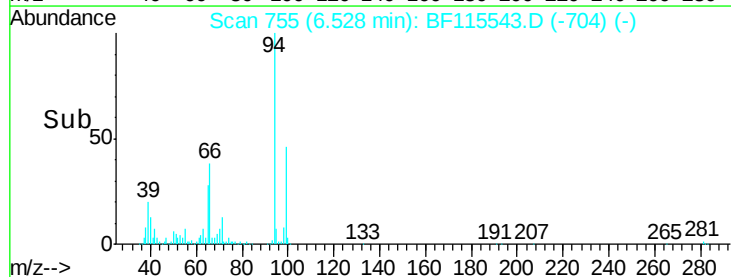
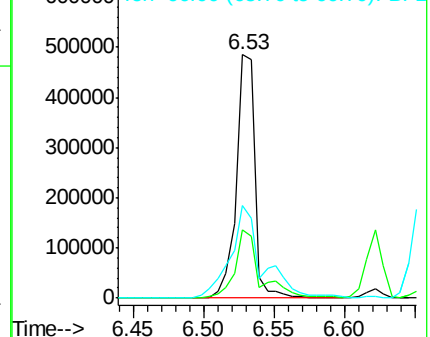
66 37.9 31.3 71.3



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.976 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

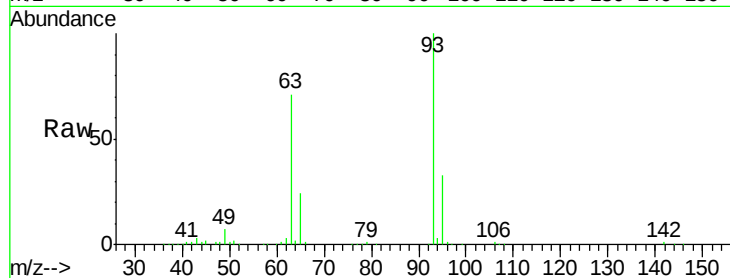
Tot Ion: 93 Resp: 452688

Ion Ratio Lower Upper

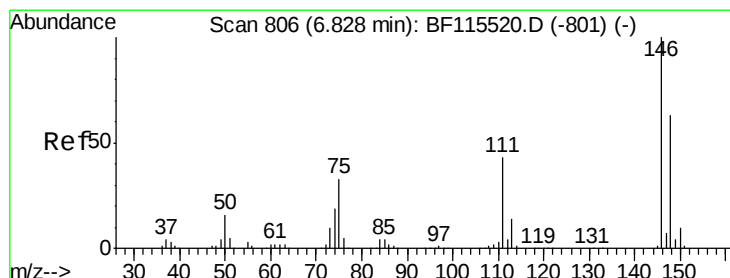
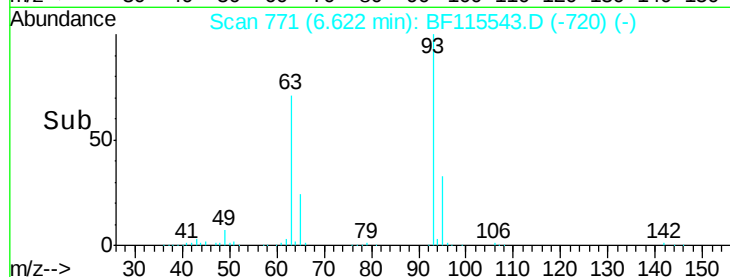
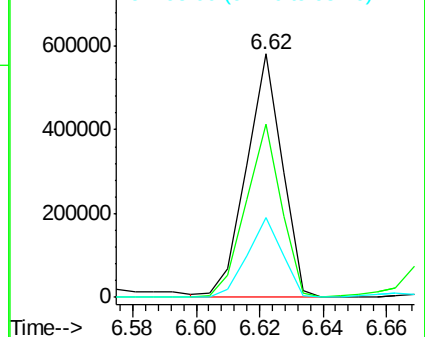
93 100

63 71.3 52.2 92.2

95 33.0 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: 39.373 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

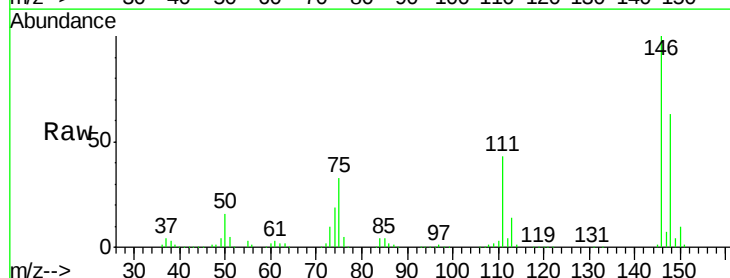
Tgt Ion: 146 Resp: 513919

Ion Ratio Lower Upper

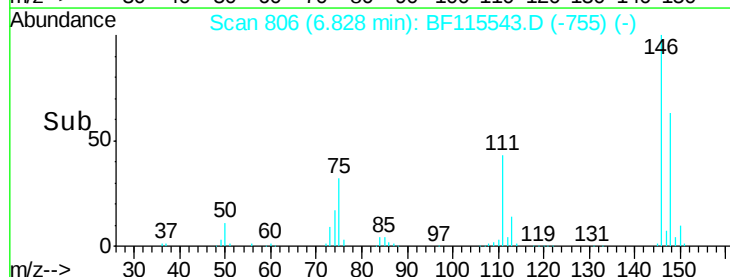
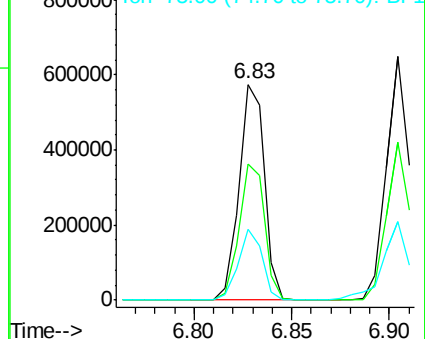
146 100

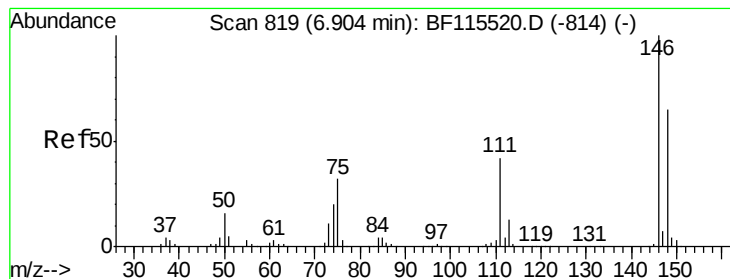
148 62.8 52.1 78.1

75 32.6 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: 39.888 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

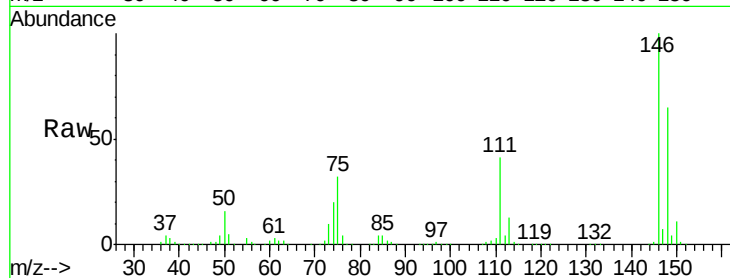
Tot Ion:146 Resp: 519472

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.6

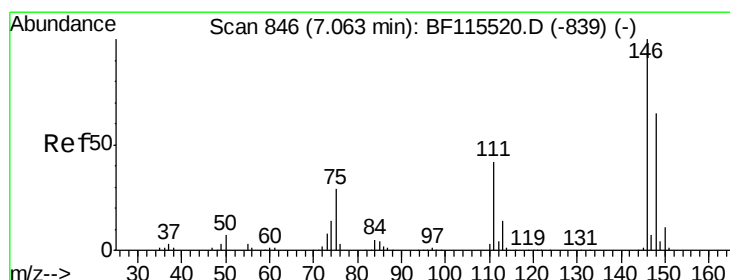
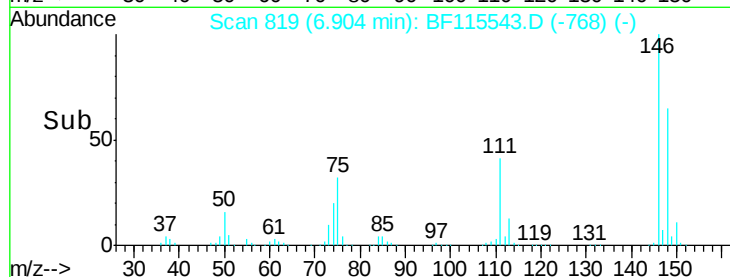
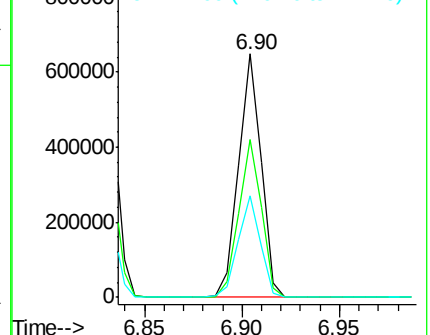
111 41.5 35.5 53.3



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: 40.437 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

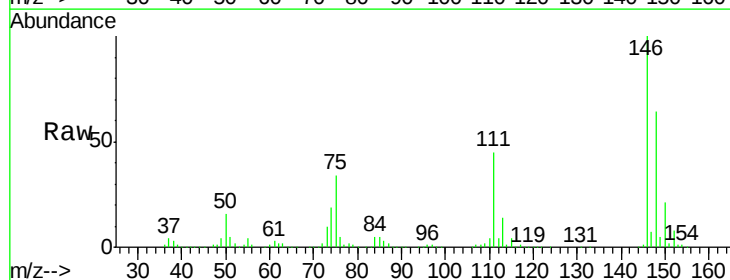
Tgt Ion:146 Resp: 481401

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

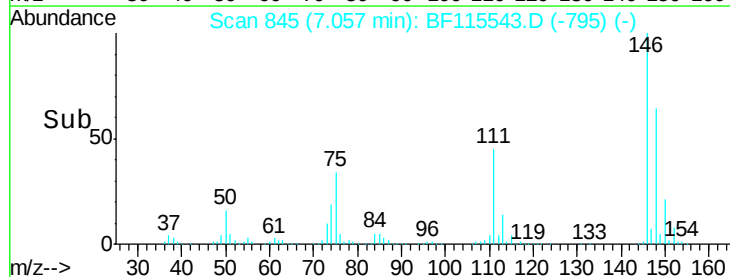
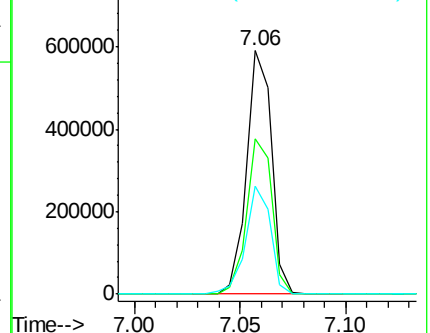
111 44.5 37.6 56.4

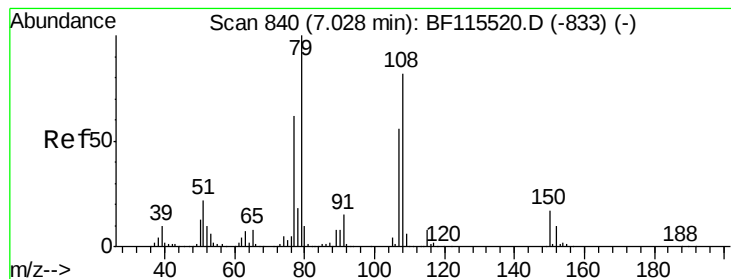


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.699 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampled :

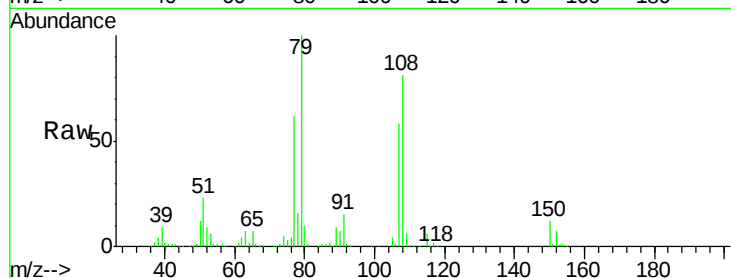
Tot Ion: 79 Resp: 413665

Ion Ratio Lower Upper

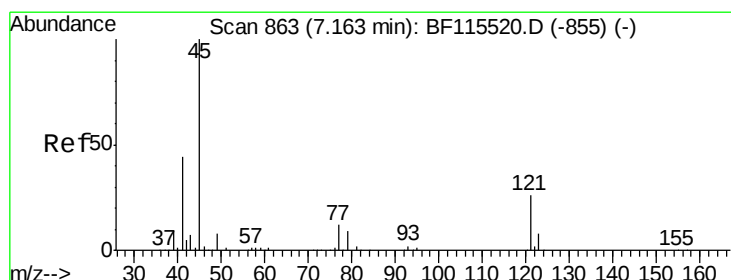
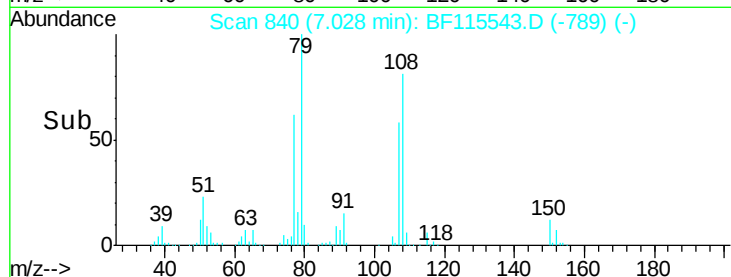
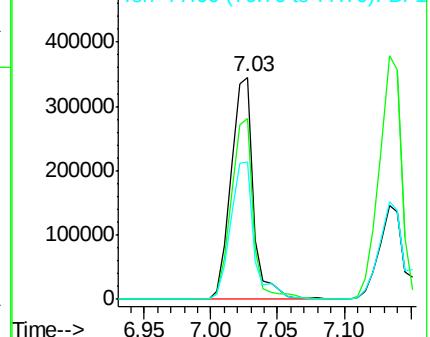
79 100

108 81.4 64.2 96.4

77 62.0 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: 40.133 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

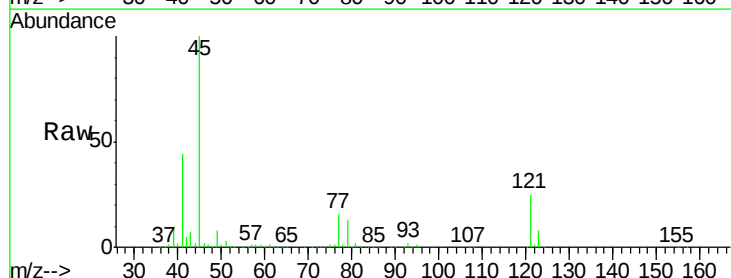
Tgt Ion: 45 Resp: 598315

Ion Ratio Lower Upper

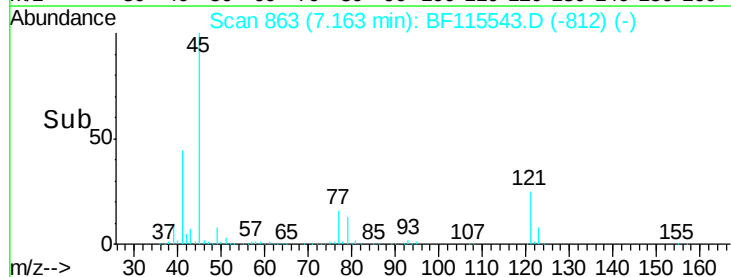
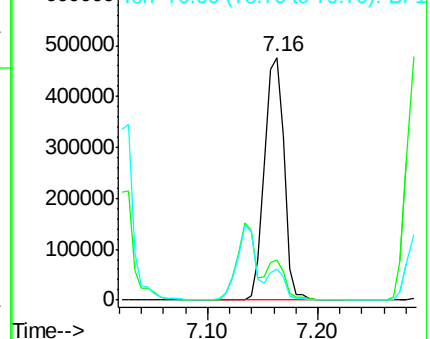
45 100

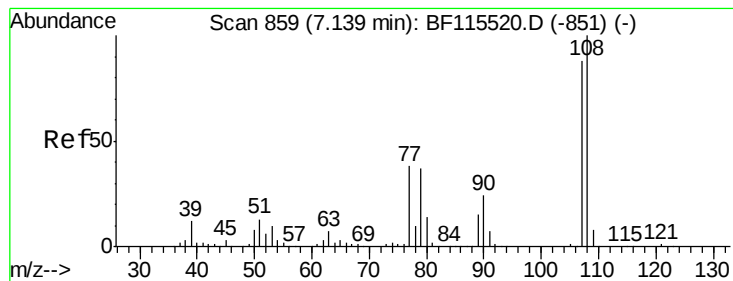
77 16.3 0.0 38.1

79 12.8 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

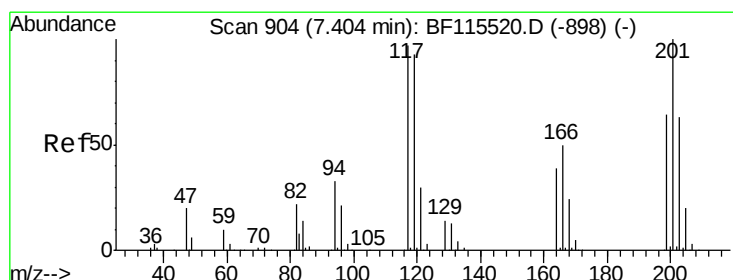
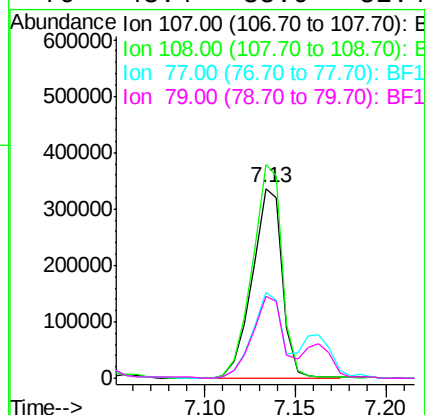
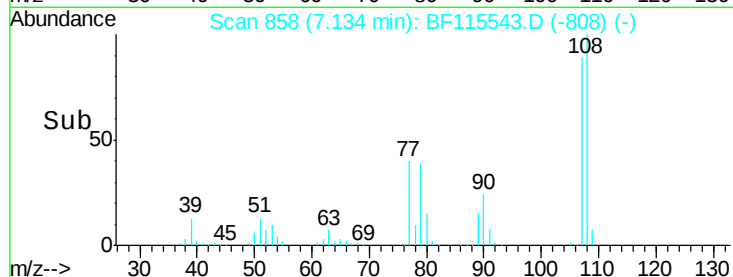
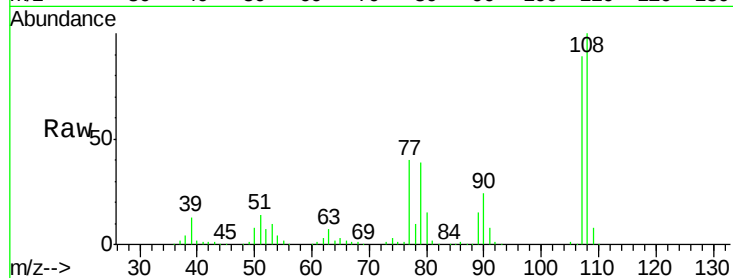




#17
2-Methylphenol
Concen: 38.371 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

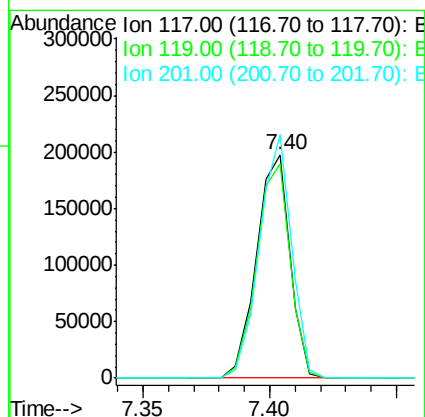
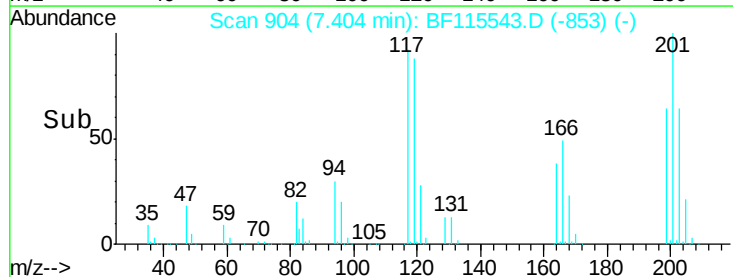
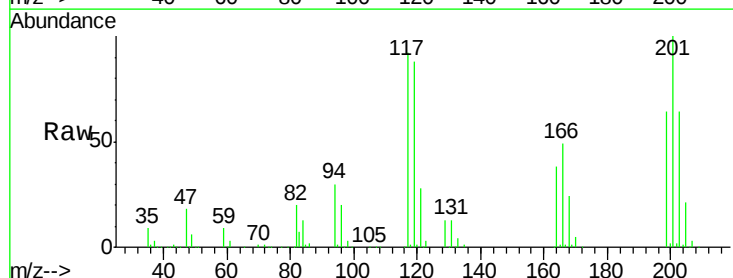
Instrument :
BNA_F
ClientSampleId :

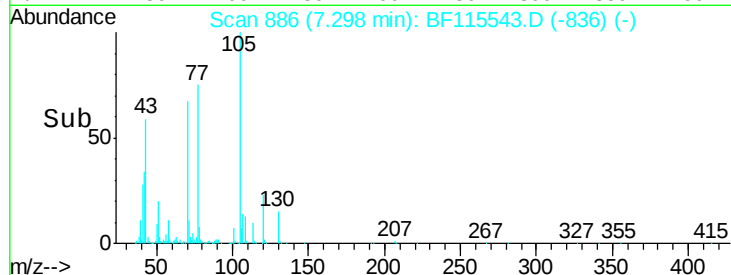
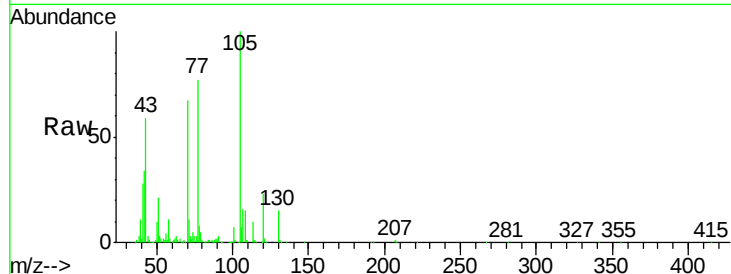
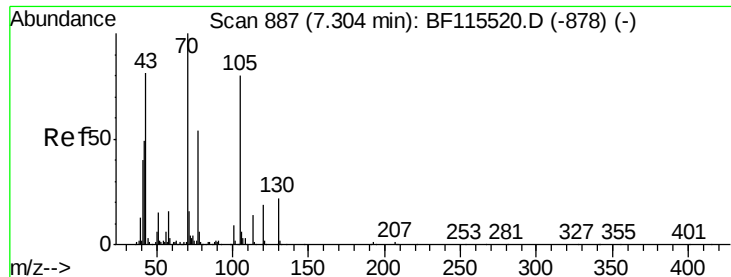
Tot Ion:107 Resp: 383894
Ion Ratio Lower Upper
107 100
108 112.4 89.4 134.2
77 45.2 35.7 53.5
79 43.4 35.0 52.4



#18
Hexachloroethane
Concen: 37.679 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:117 Resp: 182133
Ion Ratio Lower Upper
117 100
119 95.5 77.7 116.5
201 108.8 86.0 129.0

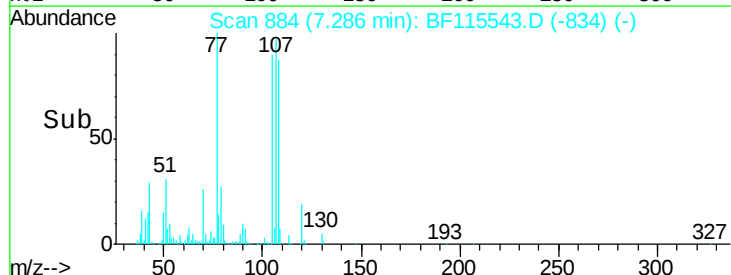
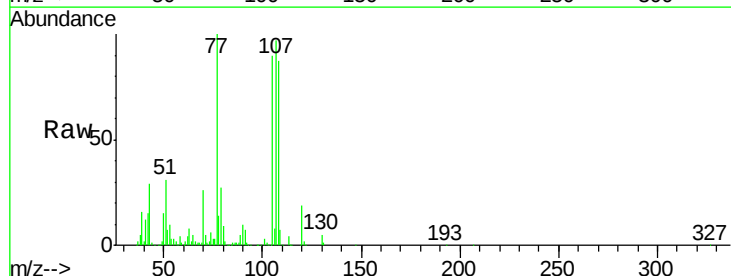
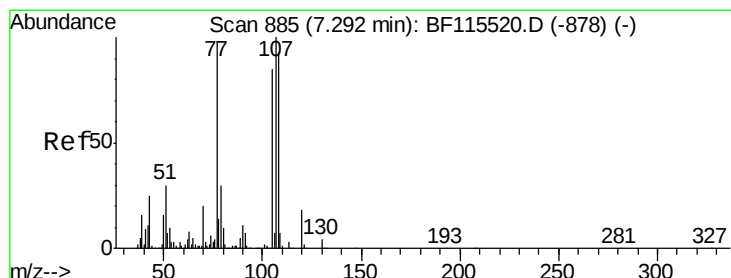
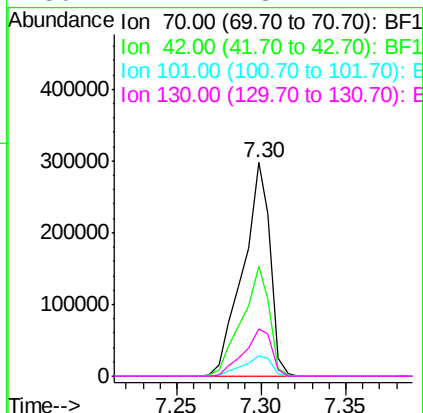




#19
n-Nitroso-di-n-propylamine
Concen: 40.012 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

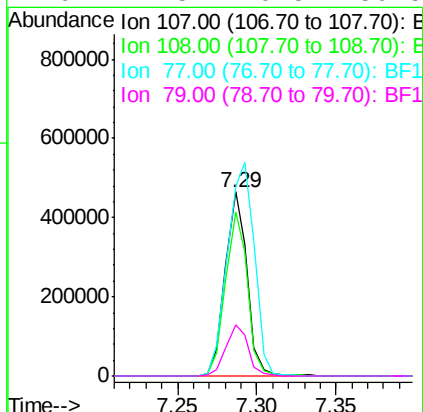
Instrument :
BNA_F
ClientSampleId :

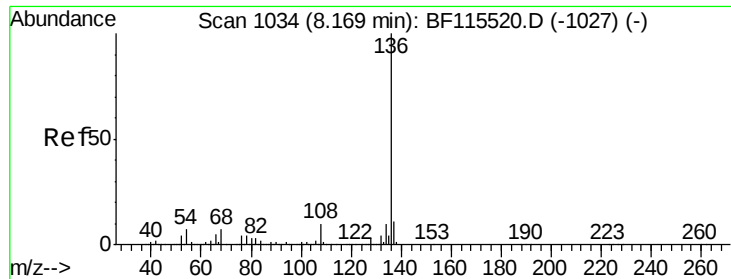
Tot Ion:	70	Resp:	334346
Ion	Ratio	Lower	Upper
70	100		
42	51.7	39.6	59.4
101	9.8	8.1	12.1
130	22.1	18.2	27.2



#20
3+4-Methylphenols
Concen: 37.227 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:	107	Resp:	442399
Ion	Ratio	Lower	Upper
107	100		
108	89.2	72.9	112.9
77	102.9	77.6	117.6
79	27.5	10.5	50.5

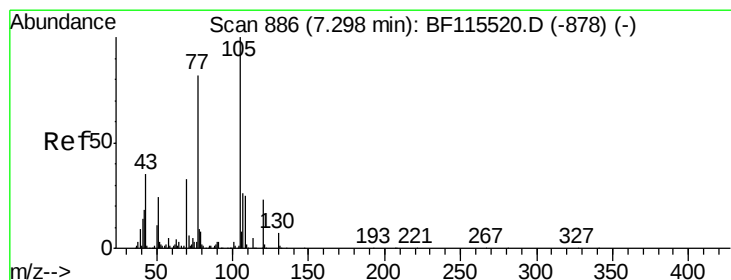
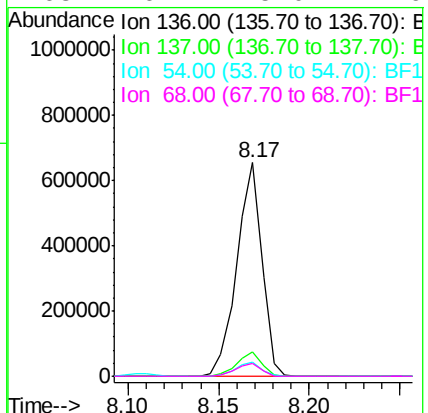
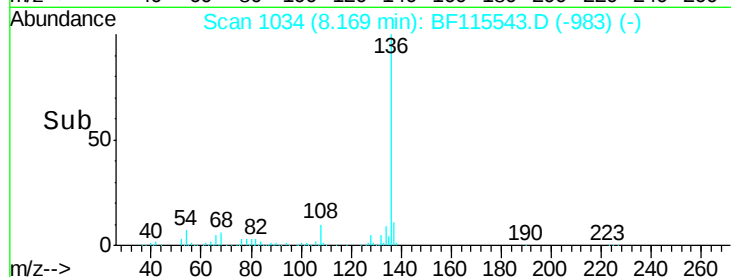
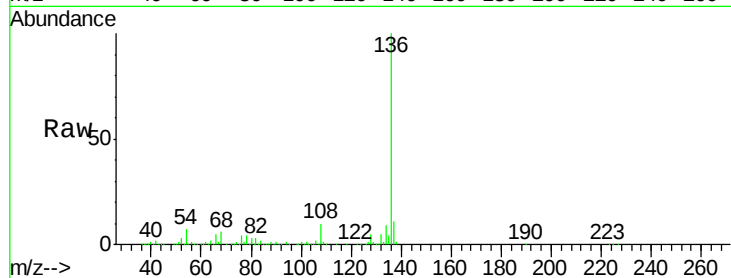




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

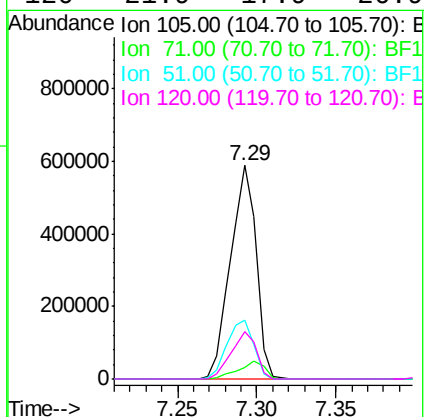
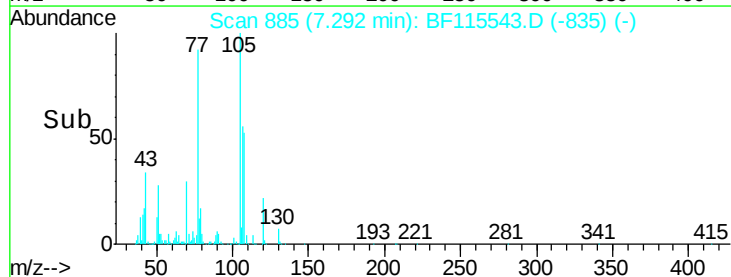
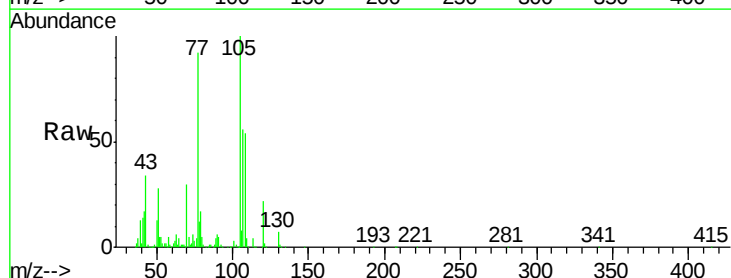
Instrument :
BNA_F
ClientSampleId :

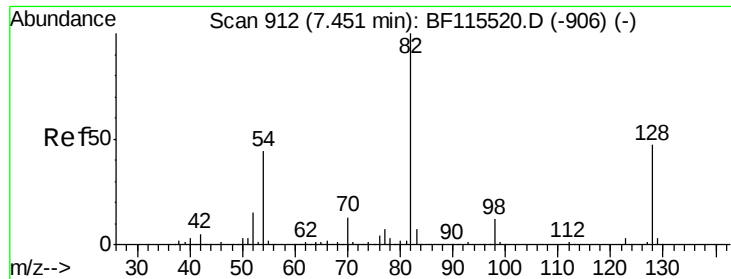
Tot Ion:136	Resp: 629961
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.4
54 6.6	5.6 8.4
68 6.2	5.0 7.6



#22
Acetophenone
Concen: 46.325 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt	Ion:105	Resp:	659280
Ion	Ratio	Lower	Upper
105	100		
71	5.2	3.5	5.3
51	27.6	25.6	38.4
120	21.9	17.9	26.9

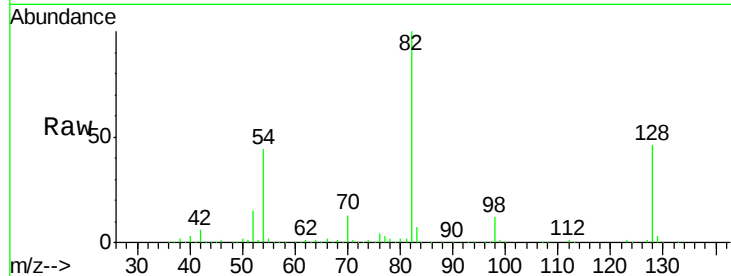




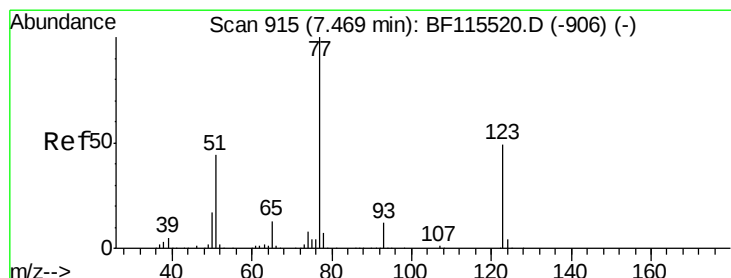
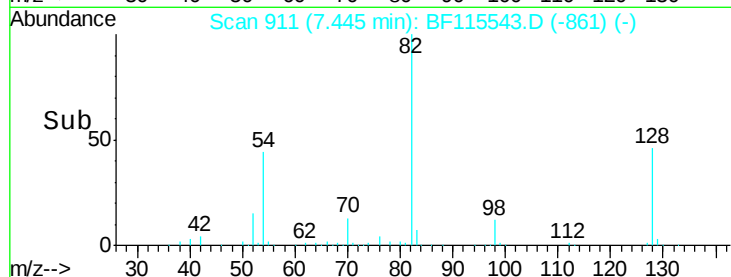
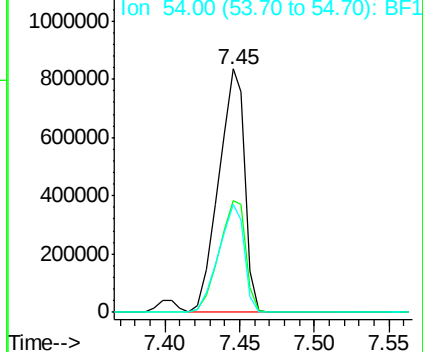
#23
 Nitrobenzene-d5
 Concen: 94.382 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1022538
 Ion Ratio Lower Upper
 82 100
 128 45.8 38.6 57.8
 54 44.2 35.6 53.4

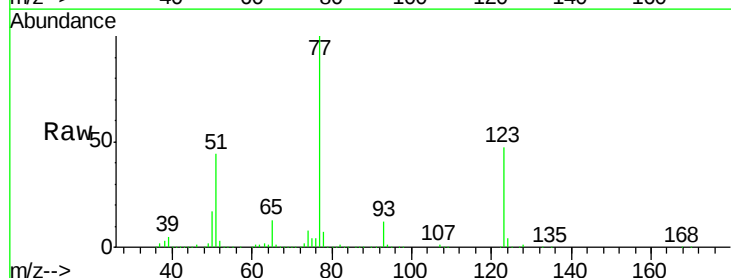


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

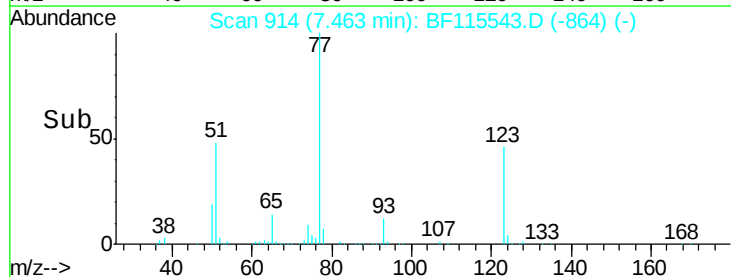
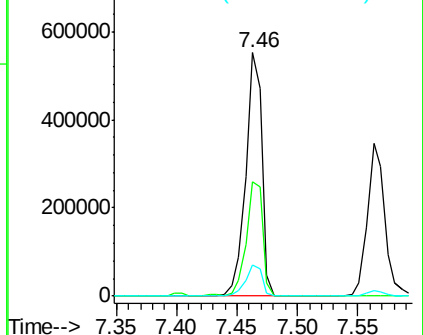


#24
 Nitrobenzene
 Concen: 44.135 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion: 77 Resp: 515739
 Ion Ratio Lower Upper
 77 100
 123 46.8 40.0 60.0
 65 13.0 11.0 16.4



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

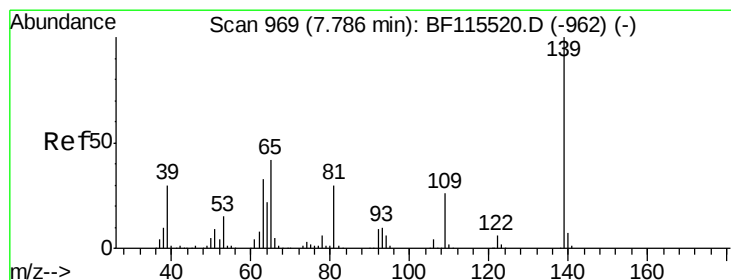
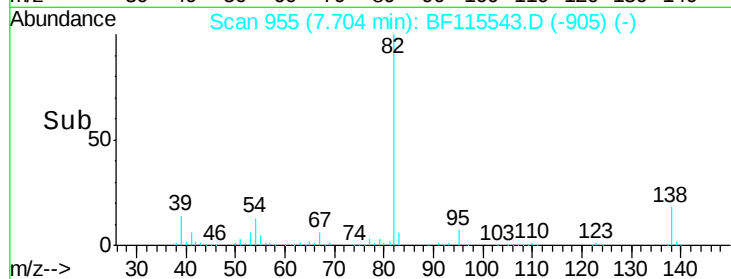
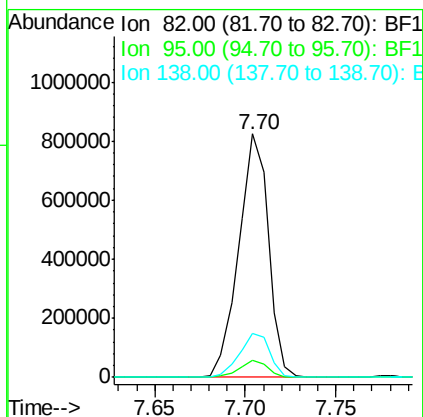
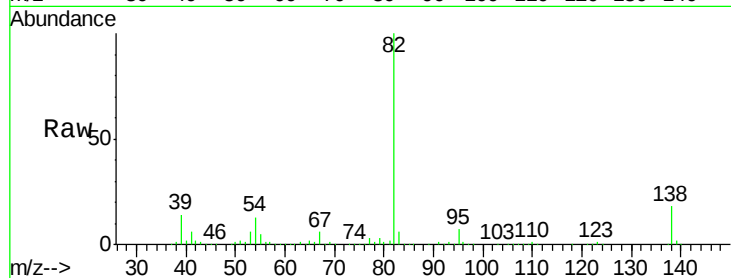




#25
Isophorone
Concen: 43.340 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

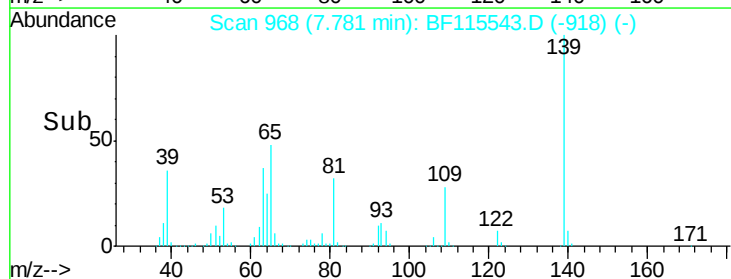
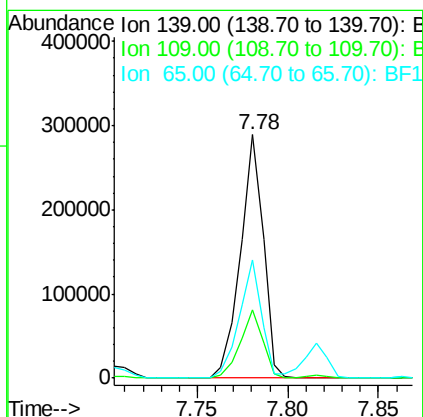
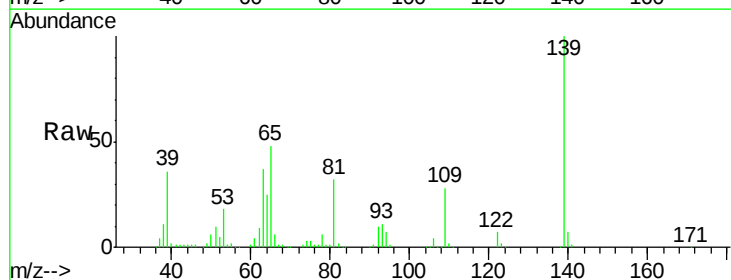
Instrument :
BNA_F
ClientSampleId :

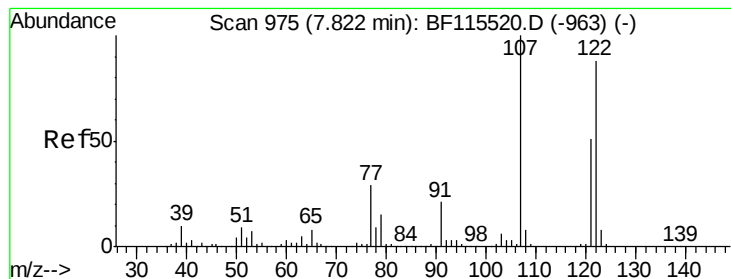
Tot Ion: 82 Resp: 939565
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 42.256 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion: 139 Resp: 254154
Ion Ratio Lower Upper
139 100
109 27.9 23.3 34.9
65 48.4 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 45.815 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

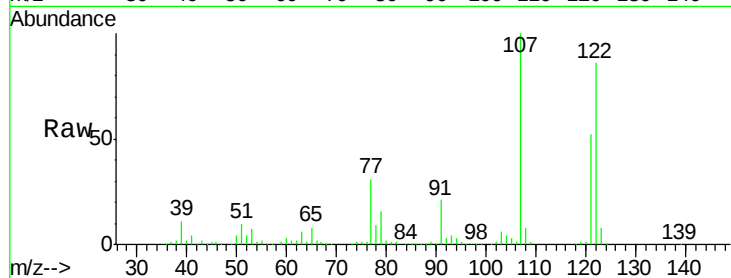
Tot Ion:122 Resp: 412304

Ion Ratio Lower Upper

122 100

107 116.0 92.9 139.3

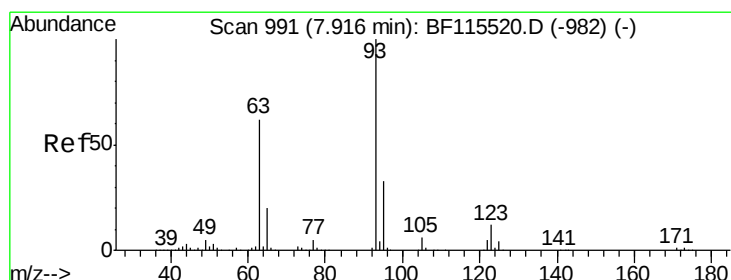
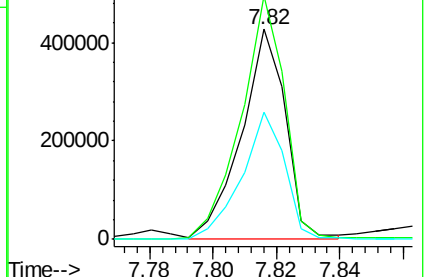
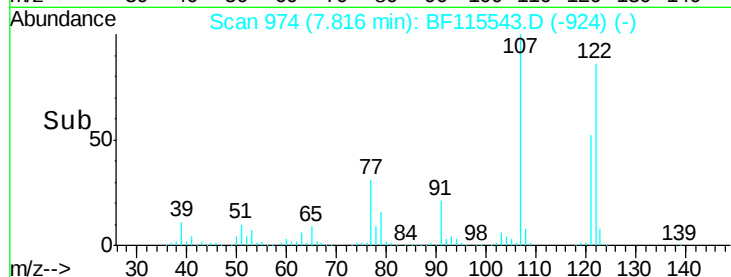
121 60.5 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.804 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

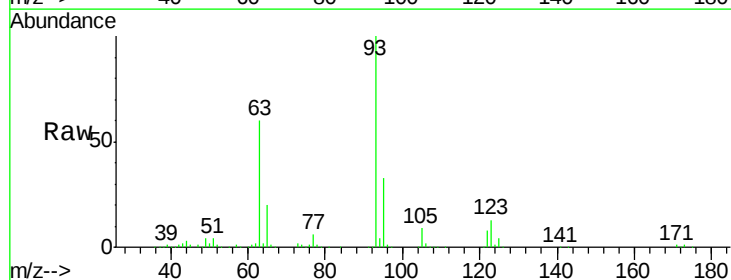
Tgt Ion: 93 Resp: 582579

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

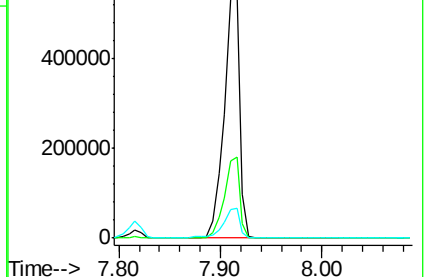
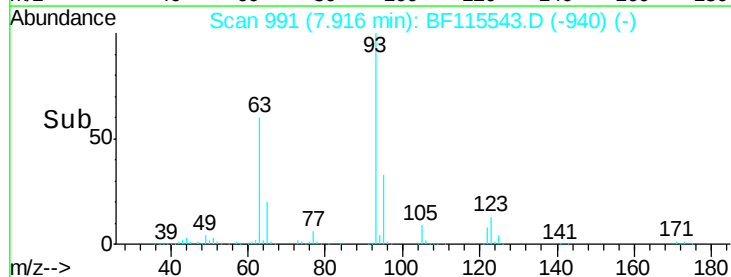
123 12.5 9.9 14.9

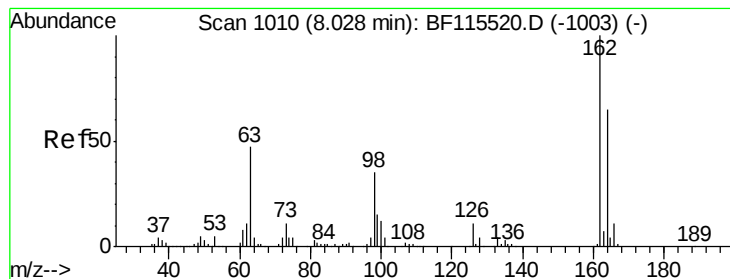


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.895 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

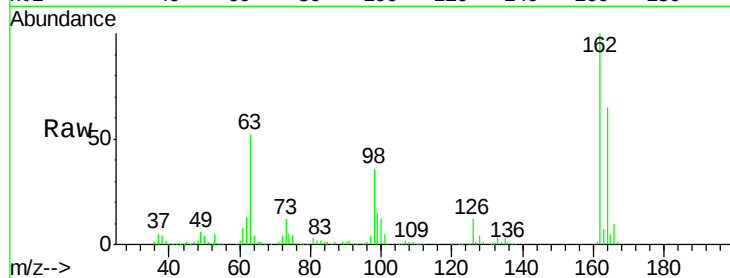
Tot Ion:162 Resp: 410832

Ion Ratio Lower Upper

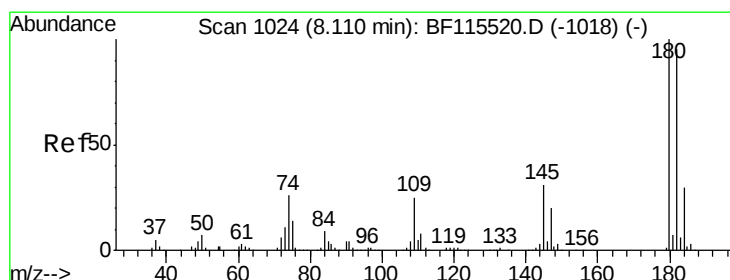
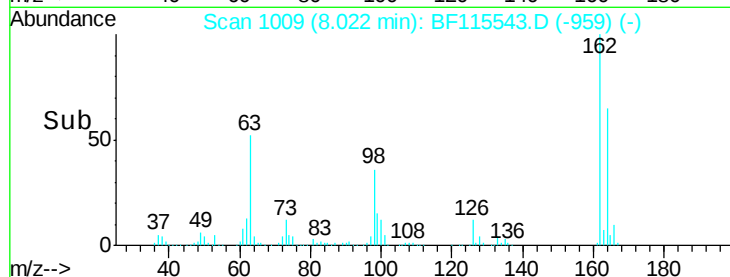
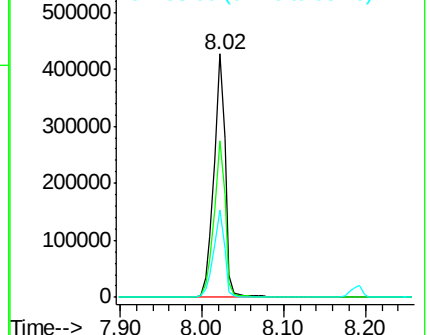
162 100

164 64.5 44.9 84.9

98 36.0 17.7 57.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.817 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

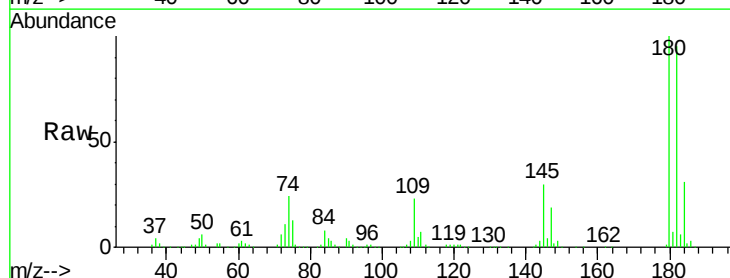
Tgt Ion:180 Resp: 452981

Ion Ratio Lower Upper

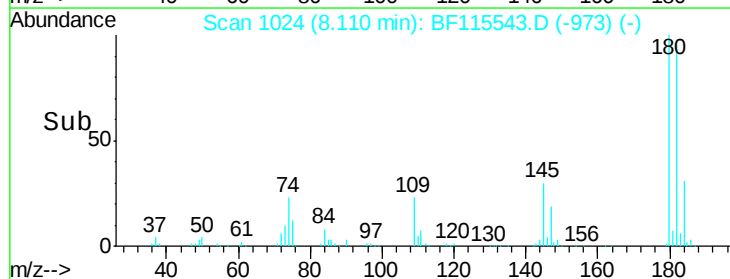
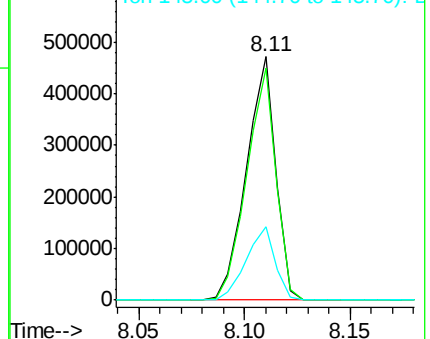
180 100

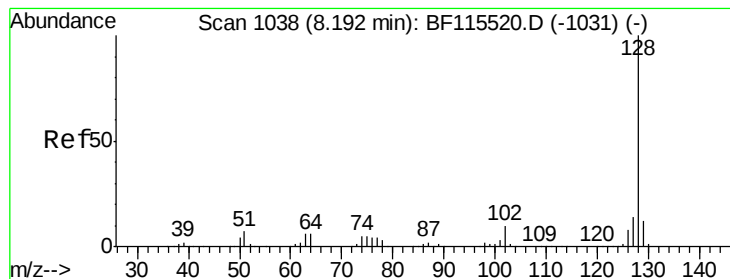
182 95.2 75.0 112.6

145 30.1 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.745 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

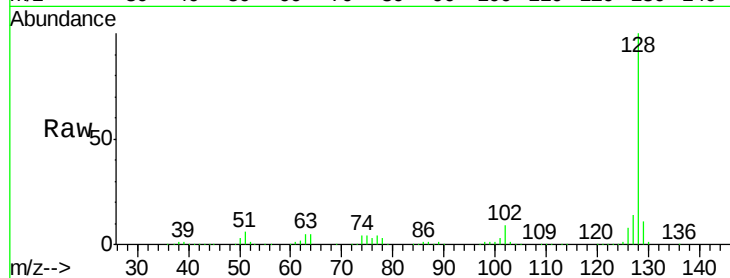
Tot Ion:128 Resp: 1365129

Ion Ratio Lower Upper

128 100

129 11.3 9.9 14.9

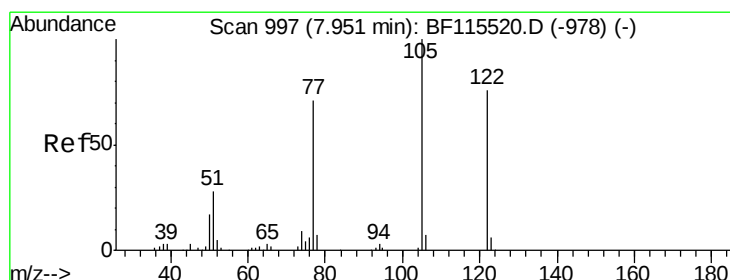
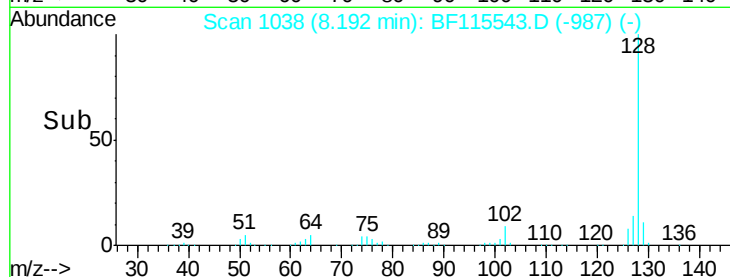
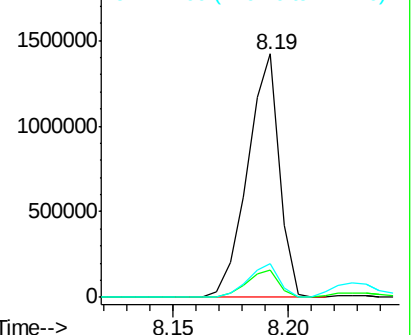
127 13.8 12.1 18.1



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: 20.913 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.04 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

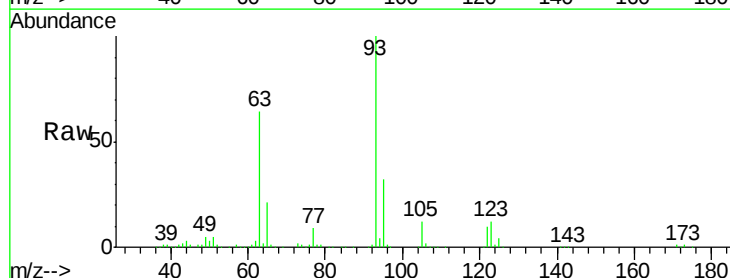
Tgt Ion:122 Resp: 154451

Ion Ratio Lower Upper

122 100

105 125.0 102.5 142.5

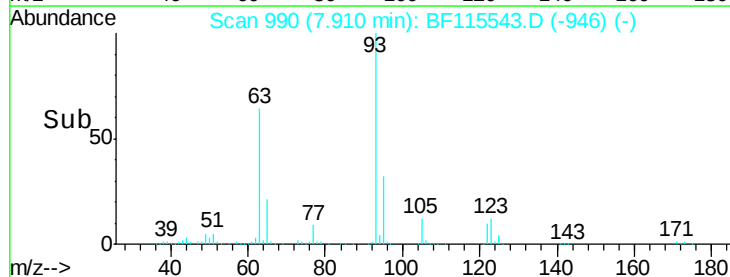
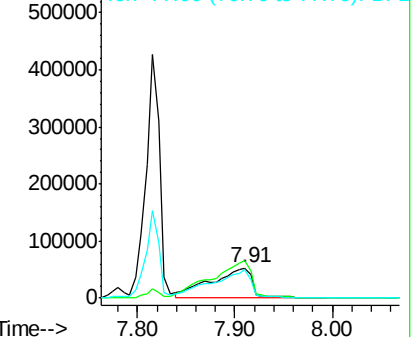
77 93.8 70.2 110.2



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

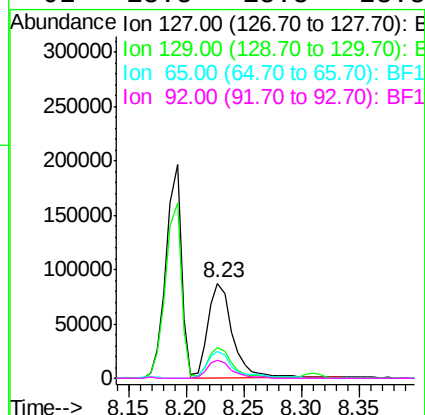
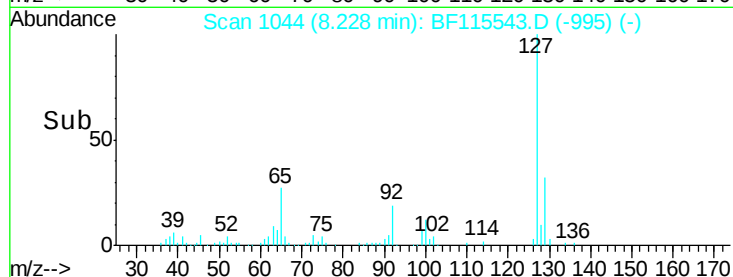
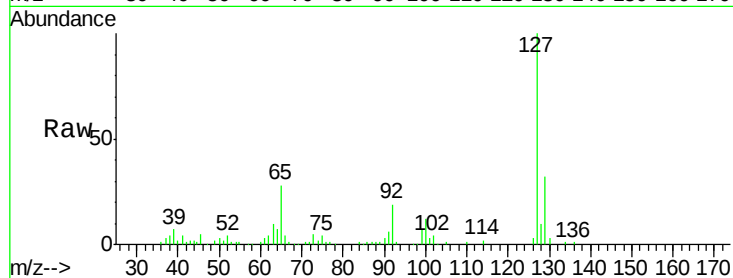




#33
4-Chloroaniline
Concen: 9.660 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

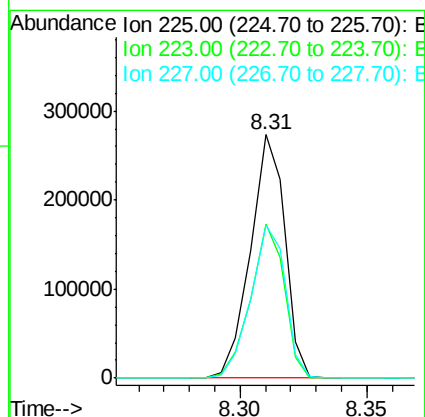
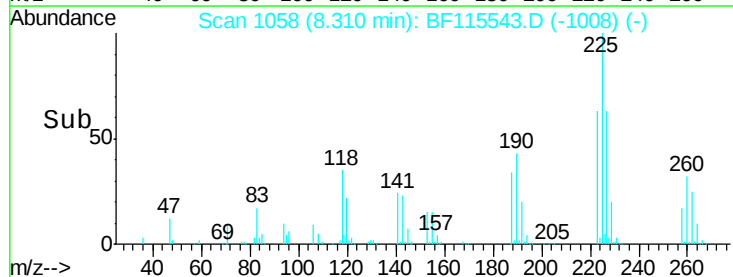
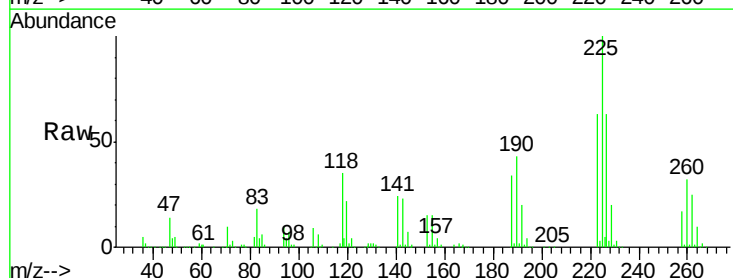
Instrument :
BNA_F
ClientSampleId :

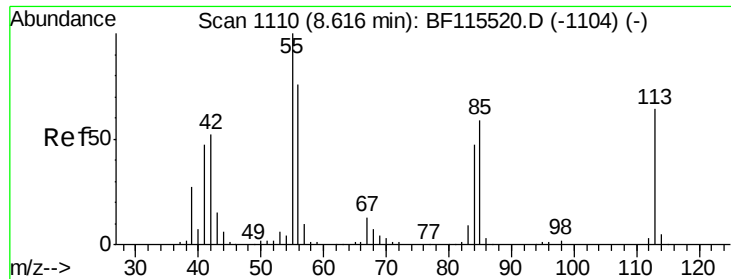
Tot Ion:	127	Resp:	130542
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	28.0	23.7	35.5
92	18.5	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.624 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:	225	Resp:	258599
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.9	76.3
227	62.7	50.7	76.1

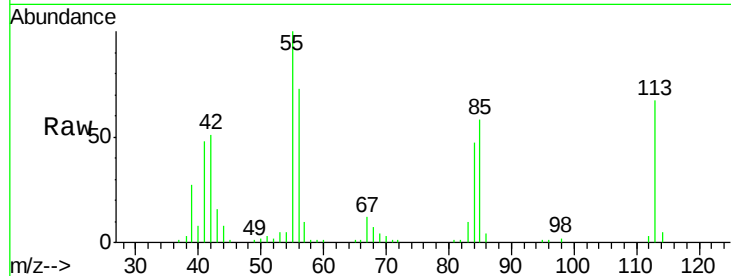




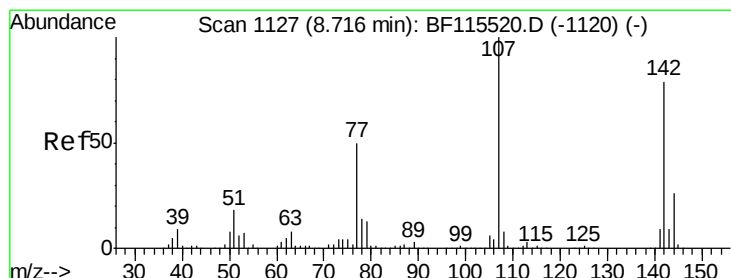
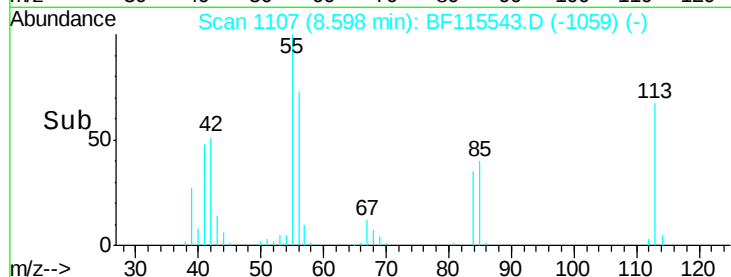
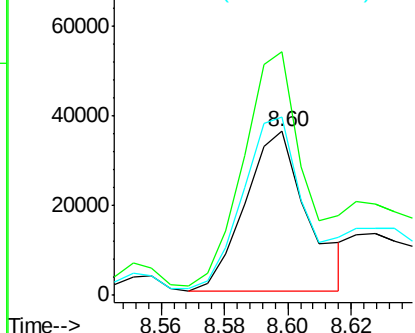
#35
Caprolactam
Concen: 16.794 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 48570
Ion Ratio Lower Upper
113 100
55 148.4 126.9 166.9
56 108.8 90.3 130.3

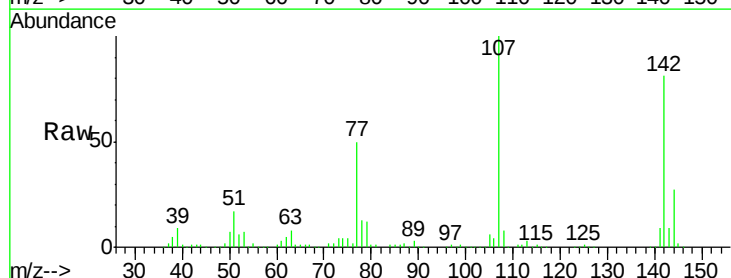


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

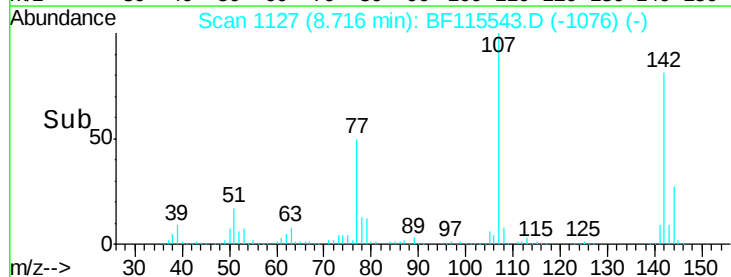
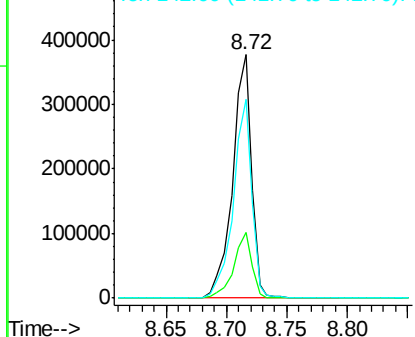


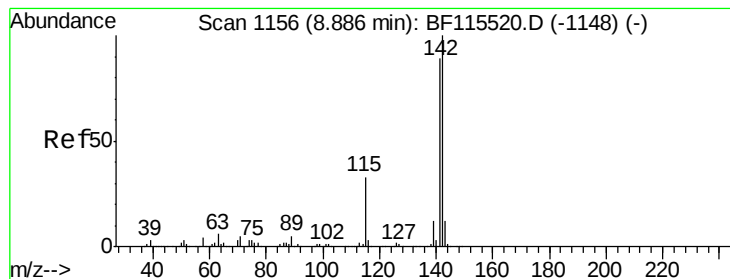
#36
4-Chloro-3-methylphenol
Concen: 42.601 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:107 Resp: 413588
Ion Ratio Lower Upper
107 100
144 26.8 20.6 30.8
142 81.5 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: 45.299 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

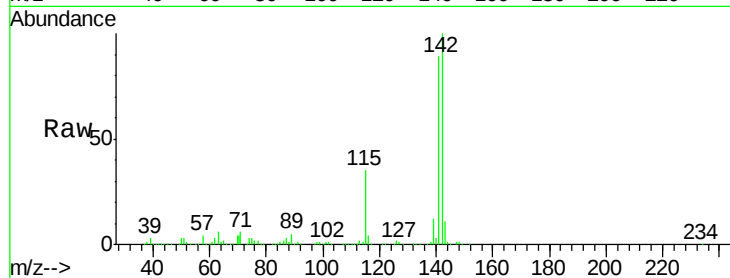
Tot Ion:142 Resp: 916106

Ion Ratio Lower Upper

142 100

141 89.5 72.0 108.0

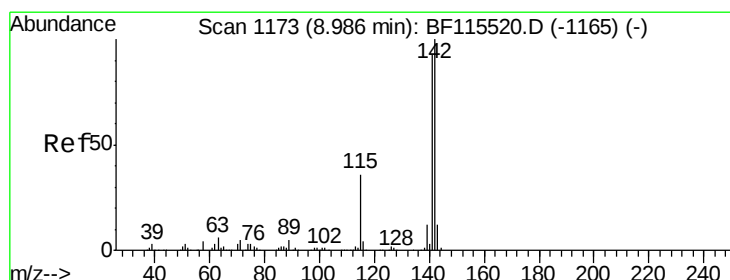
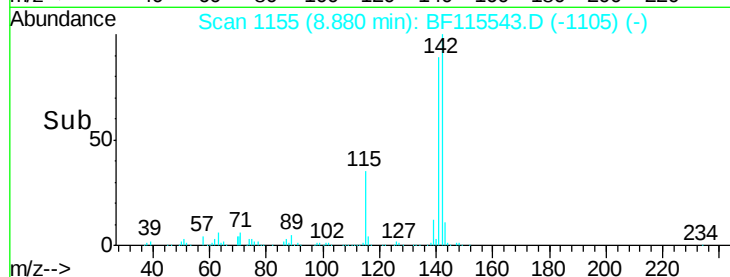
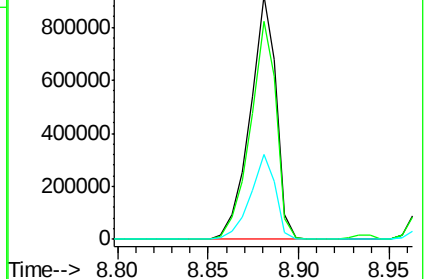
115 34.9 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.827 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

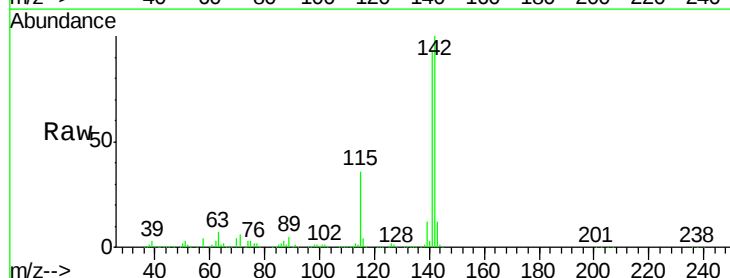
Tgt Ion:142 Resp: 861090

Ion Ratio Lower Upper

142 100

141 93.1 75.3 112.9

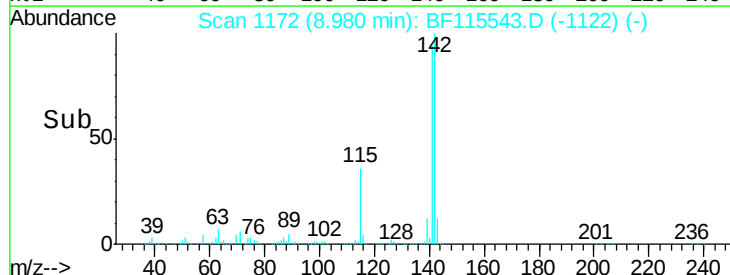
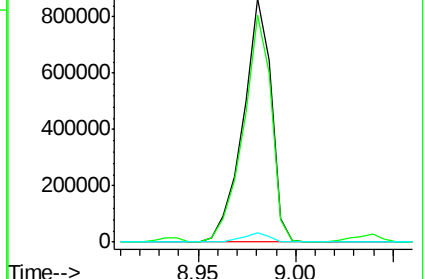
116 3.9 3.3 4.9

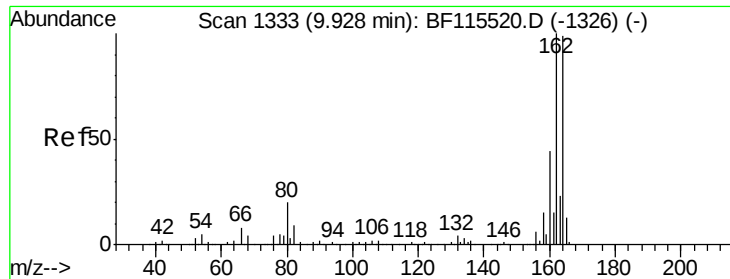


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

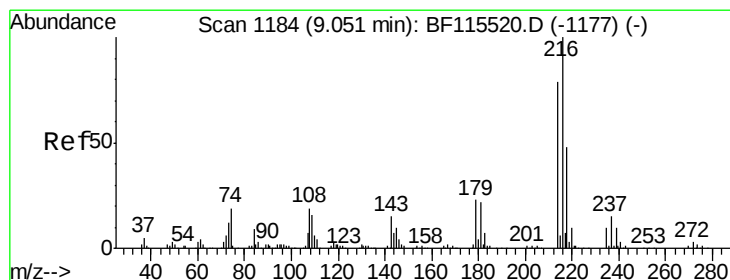
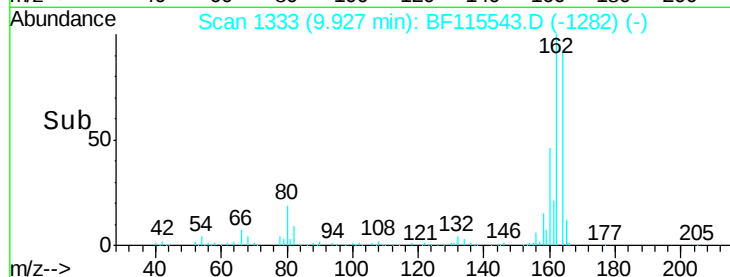
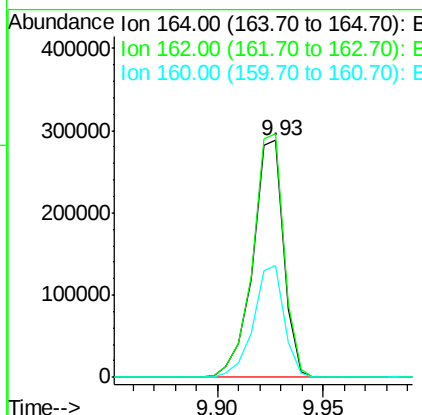
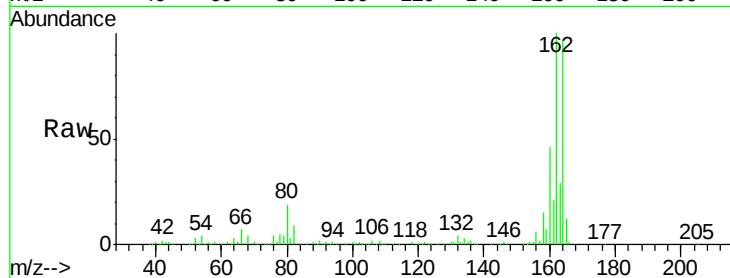




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

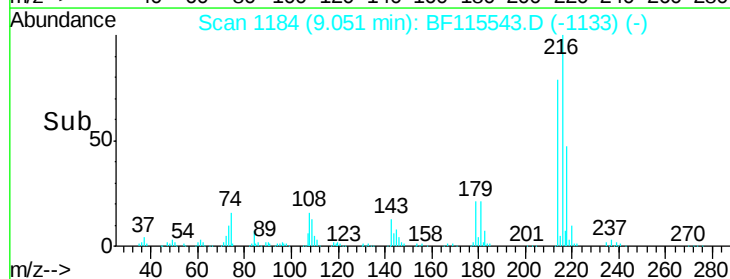
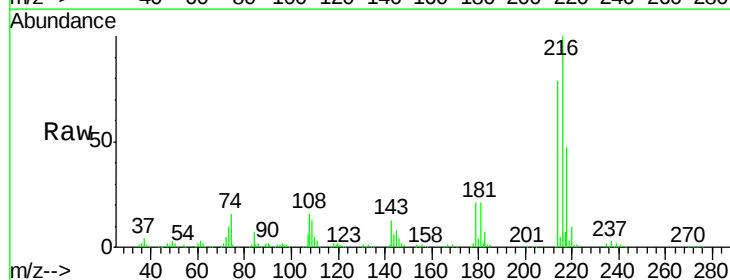
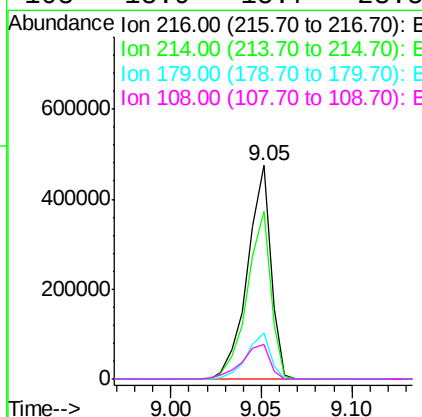
Instrument :
BNA_F
ClientSampleId :

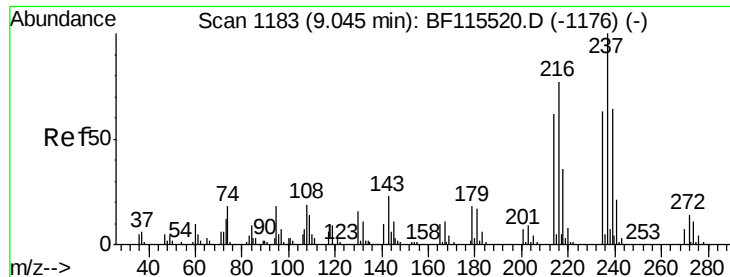
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.9	124.3
160	47.4	36.8	55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.062 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	65.1	97.7
179	21.8	18.3	27.5
108	18.9	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 44.258 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampled :

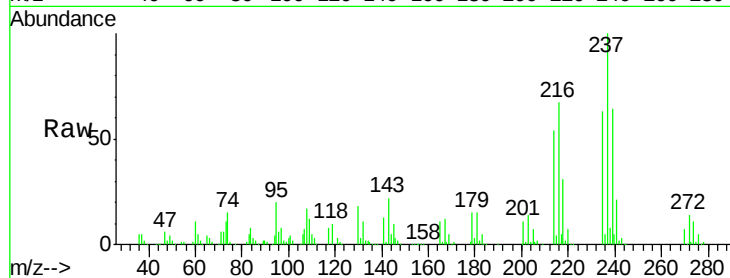
Tot Ion:237 Resp: 224289

Ion Ratio Lower Upper

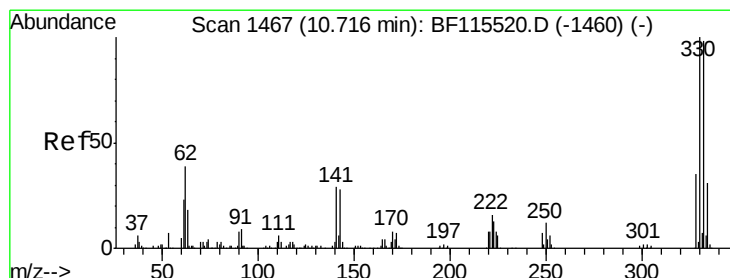
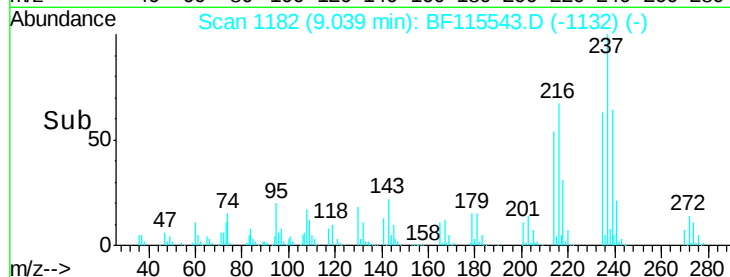
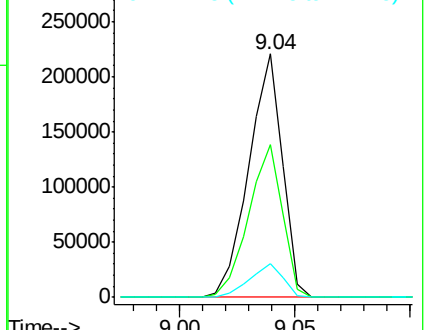
237 100

235 62.5 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: 121.327 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

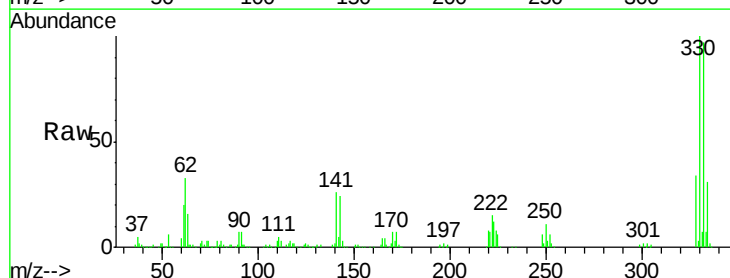
Tgt Ion:330 Resp: 417796

Ion Ratio Lower Upper

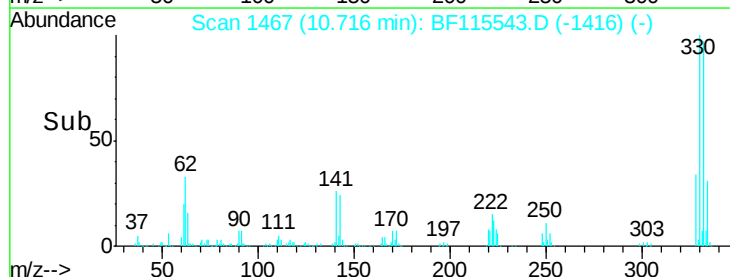
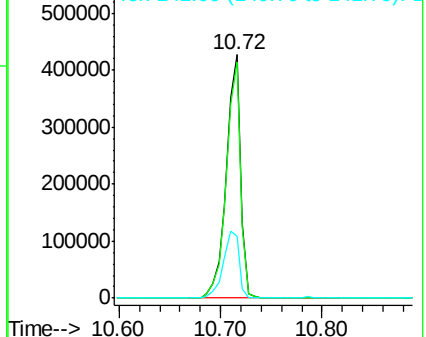
330 100

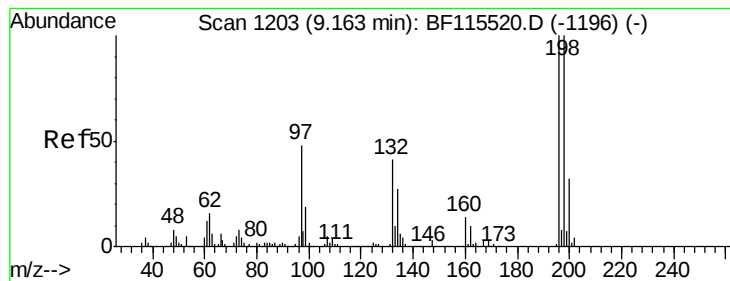
332 96.7 77.4 116.2

141 30.5 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: 44.617 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampled :

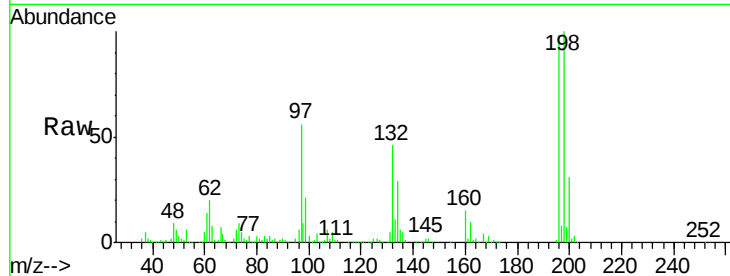
Tot Ion:196 Resp: 289866

Ion Ratio Lower Upper

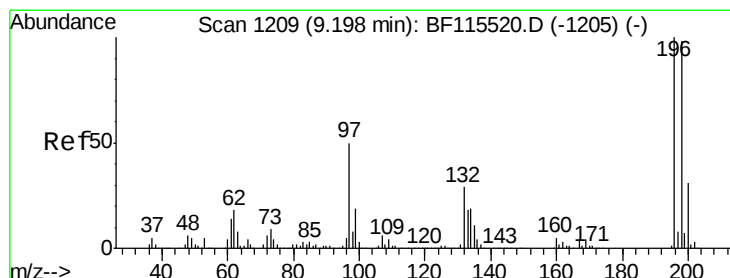
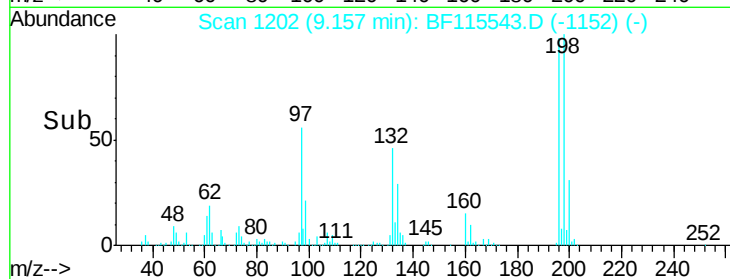
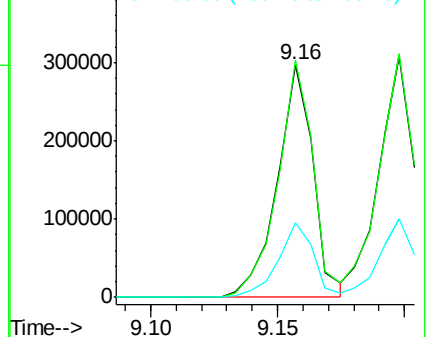
196 100

198 102.0 80.6 121.0

200 32.0 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: 44.702 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Tgt Ion:196 Resp: 297421

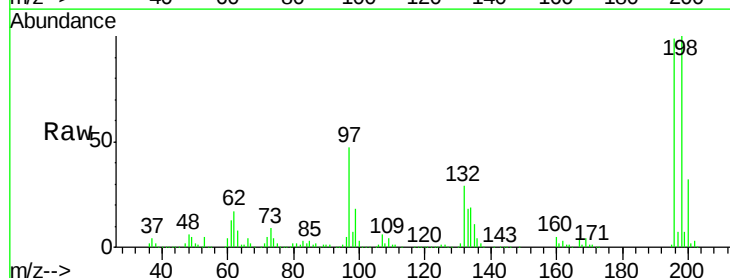
Ion Ratio Lower Upper

196 100

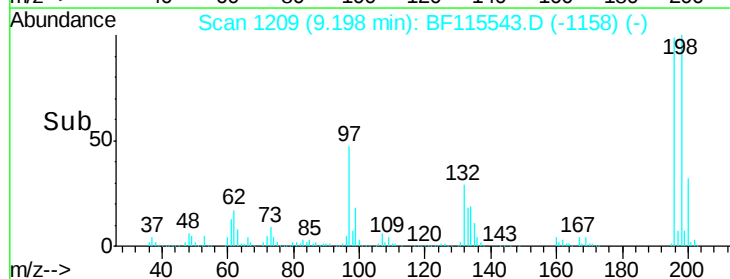
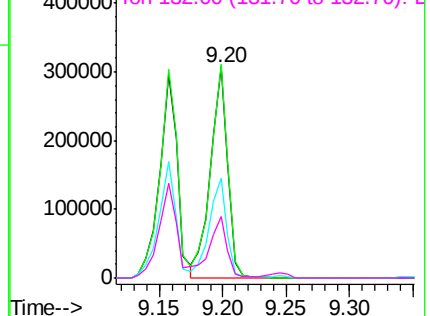
198 101.2 79.6 119.4

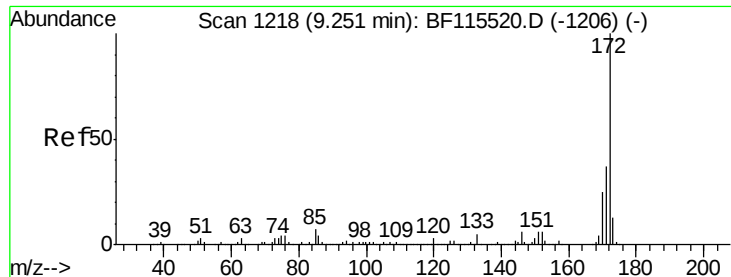
97 47.1 37.8 56.6

132 29.2 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



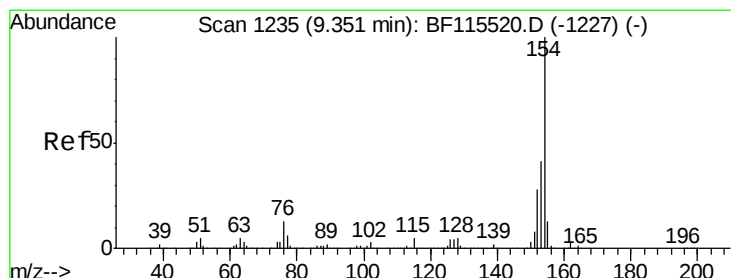
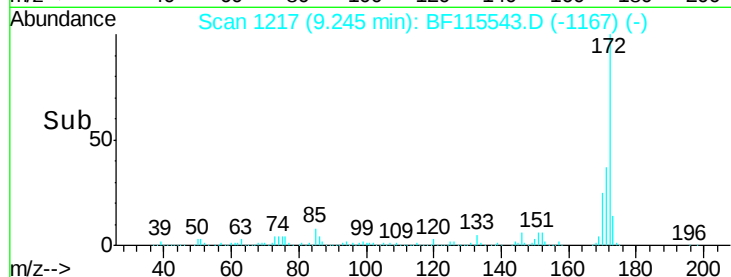
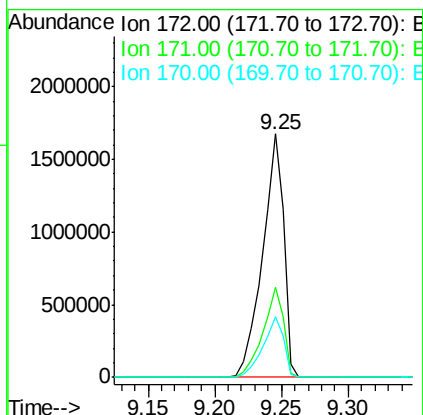
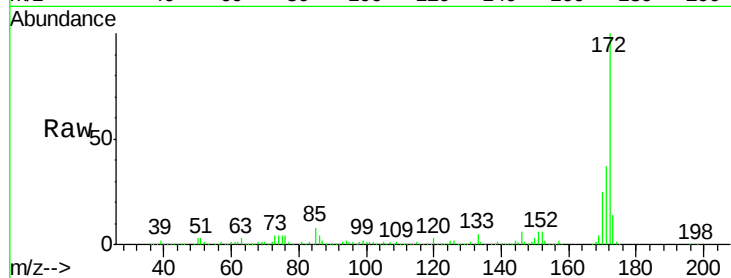


#45
 2-Fluorobiphenyl
 Concen: 108.090 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1821905

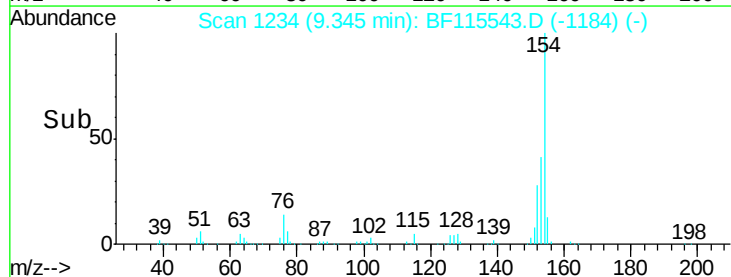
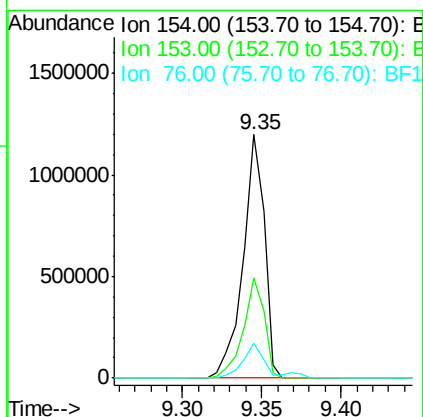
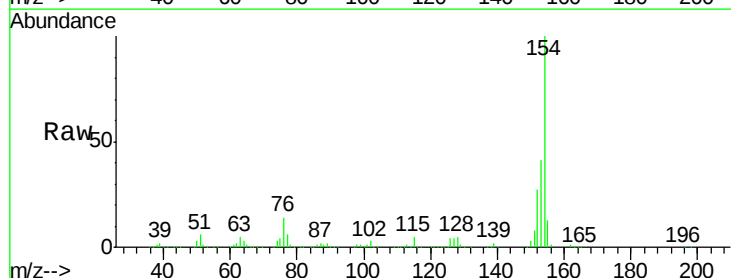
Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	46.0
170	25.0	20.5	30.7

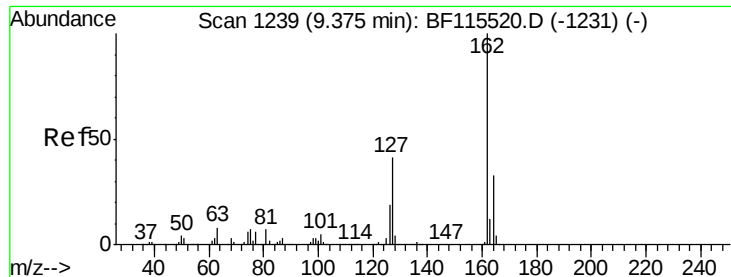


#46
 1,1'-Biphenyl
 Concen: 48.175 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion:154 Resp: 1111116

Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.6	62.6
76	14.3	0.0	33.4

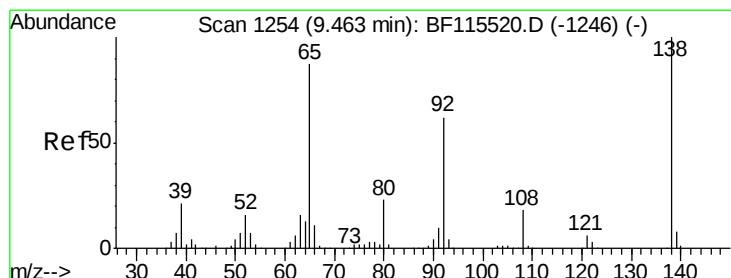
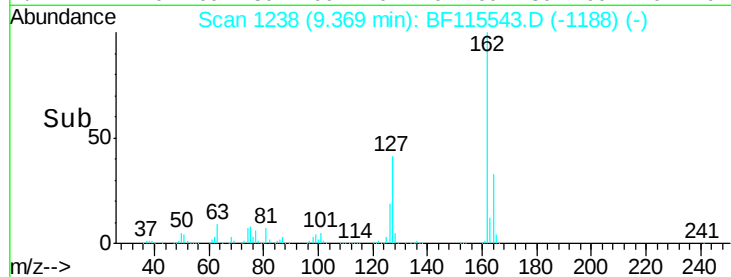
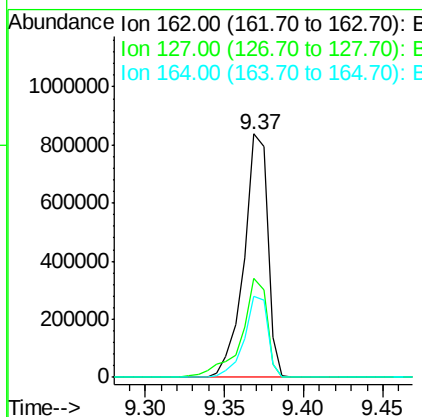
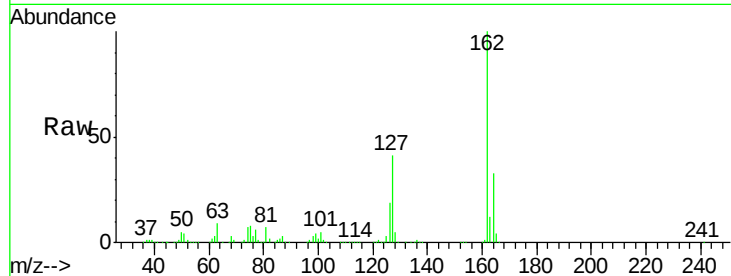




#47
 2-Chloronaphthalene
 Concen: 45.143 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

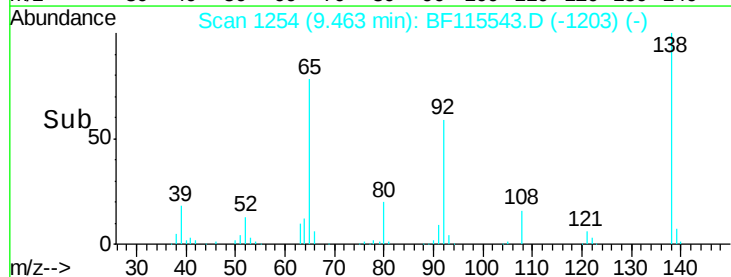
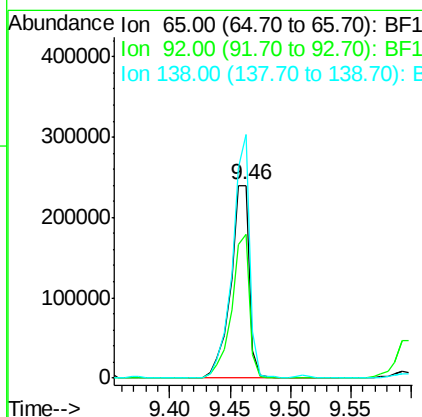
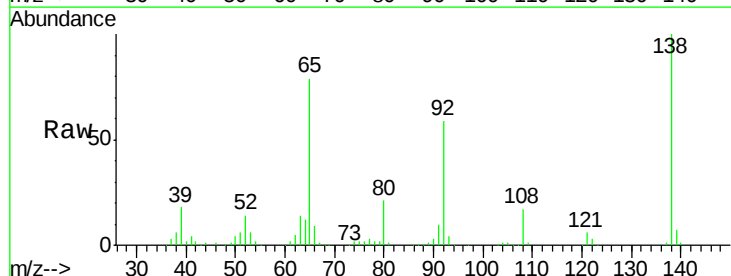
Instrument :
 BNA_F
 ClientSampleId :

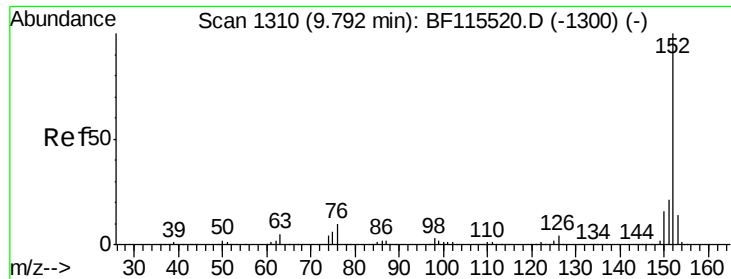
Tot Ion:162 Resp: 866937
 Ion Ratio Lower Upper
 162 100
 127 40.9 34.1 51.1
 164 33.3 27.4 41.2



#48
 2-Nitroaniline
 Concen: 43.475 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion: 65 Resp: 258419
 Ion Ratio Lower Upper
 65 100
 92 74.7 57.8 86.6
 138 126.4 91.2 136.8





#49

Acenaphthylene

Concen: 45.647 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

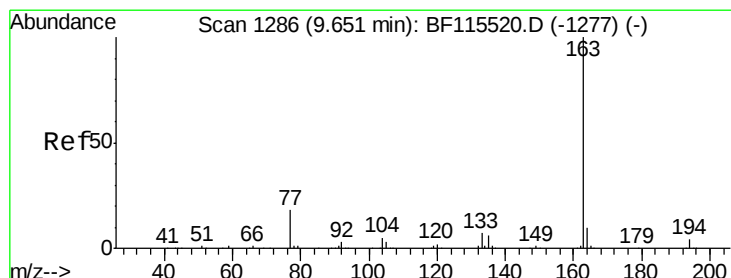
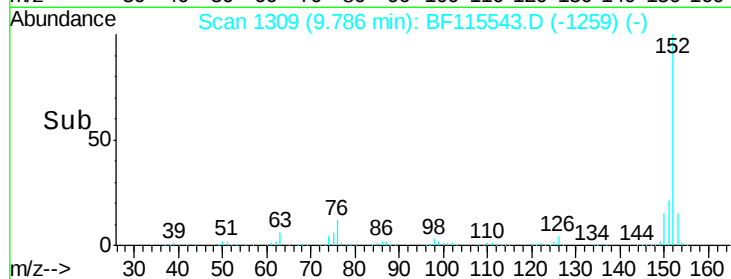
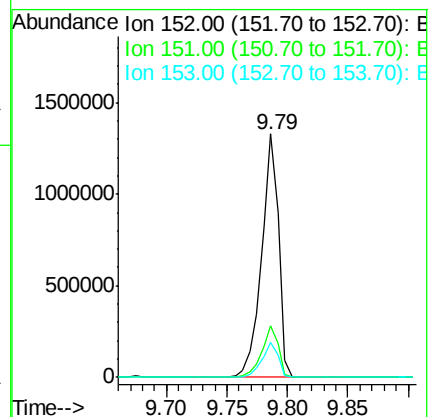
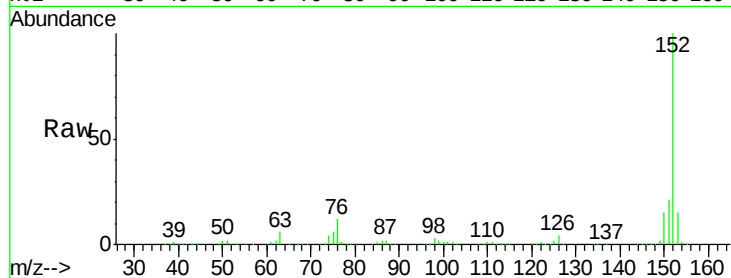
Tot Ion:152 Resp: 1298950

Ion Ratio Lower Upper

152 100

151 21.2 17.7 26.5

153 14.6 12.0 18.0



#50

Dimethylphthalate

Concen: 45.862 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

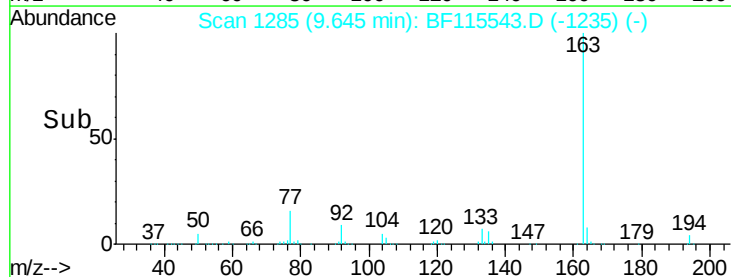
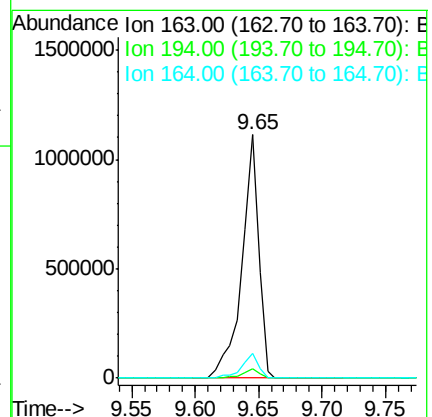
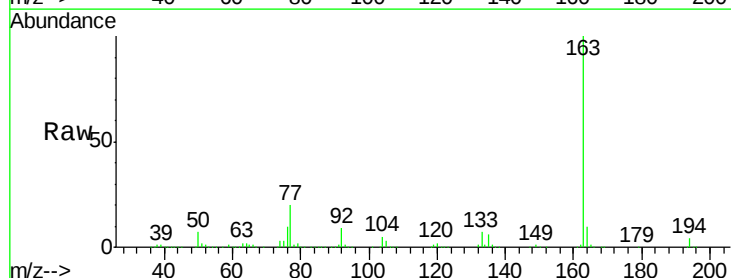
Tgt Ion:163 Resp: 1017967

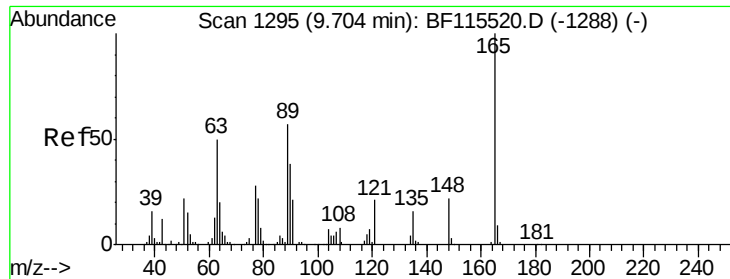
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 8.7 13.1

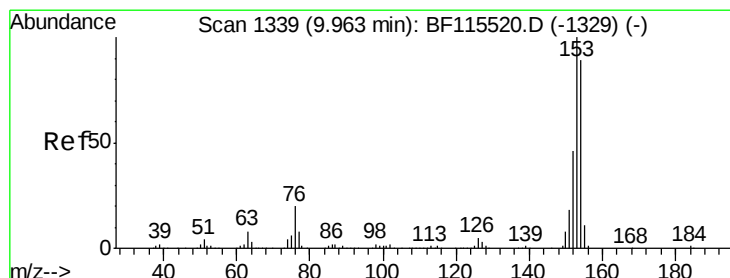
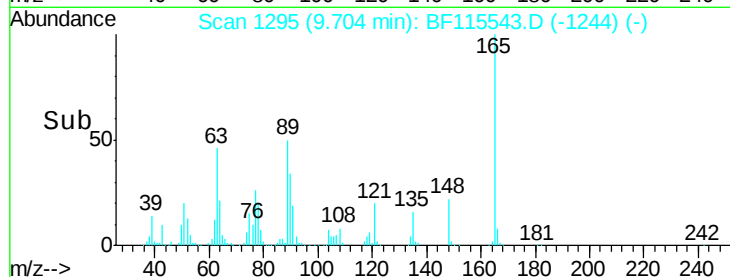
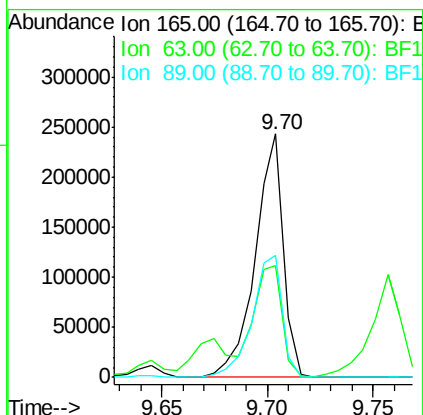
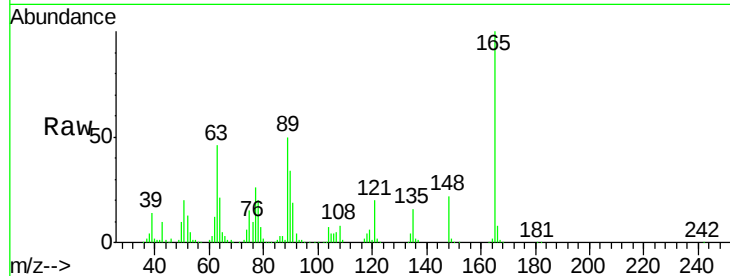




#51
 2,6-Dinitrotoluene
 Concen: 44.587 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

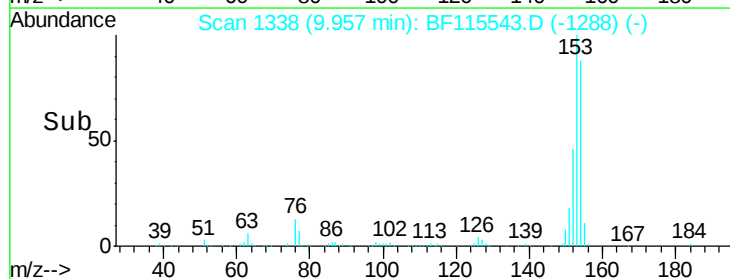
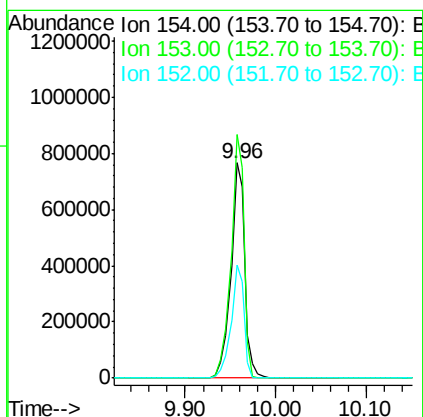
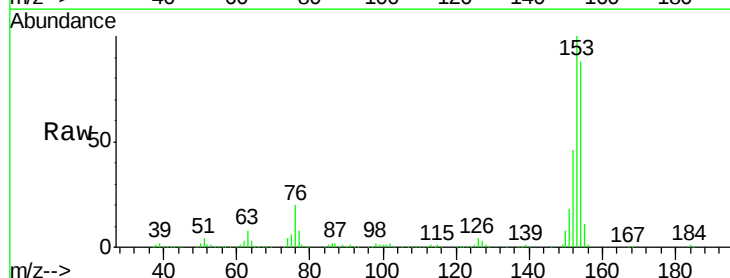
Instrument :
 BNA_F
 ClientSampleId :

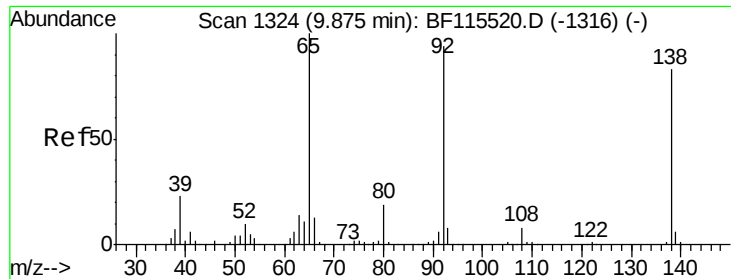
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.1	40.6	61.0
89	50.2	43.9	65.9



#52
 Acenaphthene
 Concen: 44.293 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	88.6	133.0
152	52.3	42.3	63.5

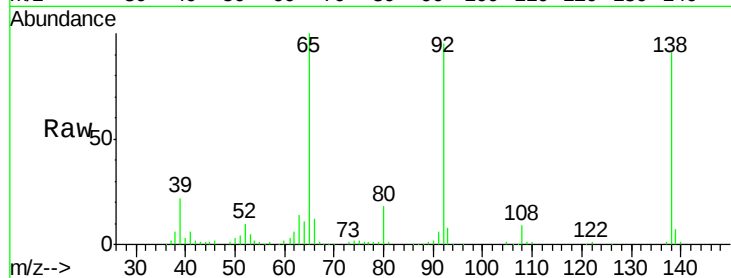




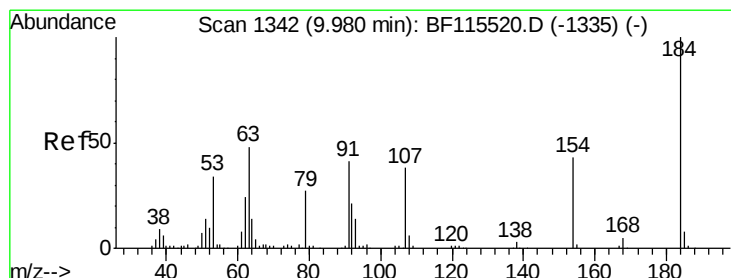
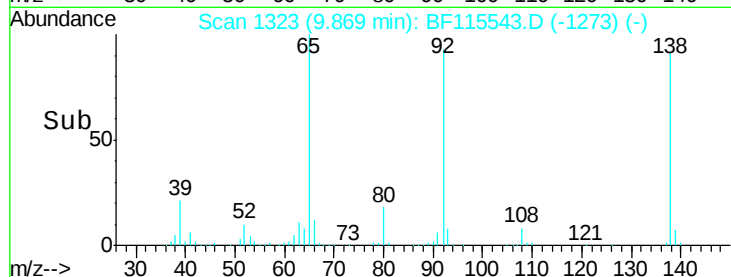
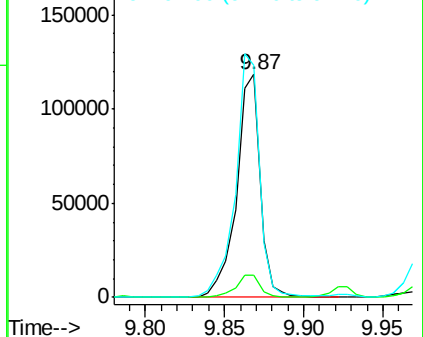
#53
 3-Nitroaniline
 Concen: 21.349 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 123061
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.4 12.6
 92 103.9 88.0 132.0

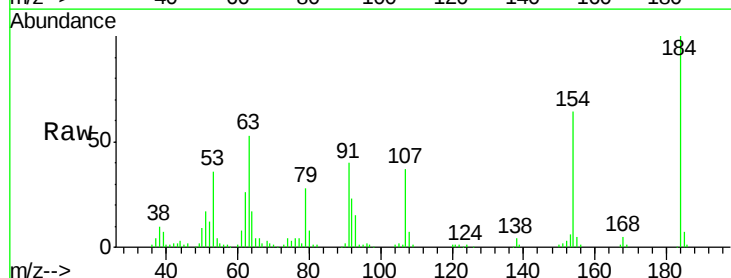


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

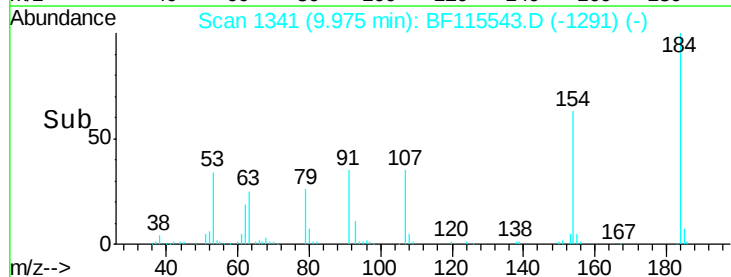
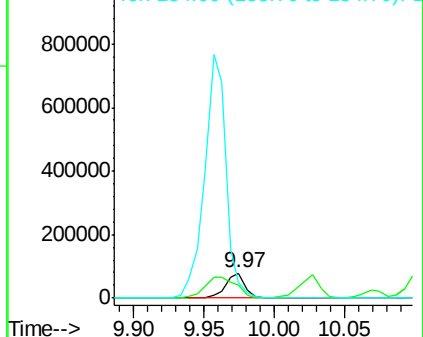


#54
 2,4-Dinitrophenol
 Concen: 29.435 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion:184 Resp: 76231
 Ion Ratio Lower Upper
 184 100
 63 52.7 48.7 73.1
 154 63.7 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

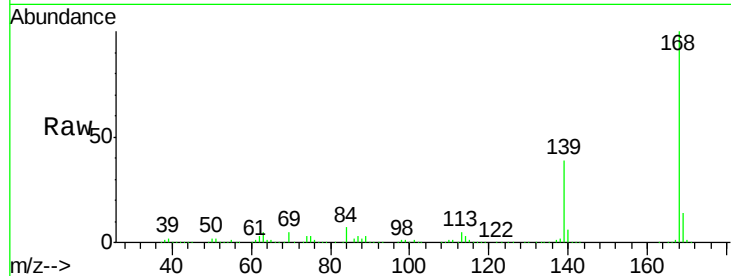




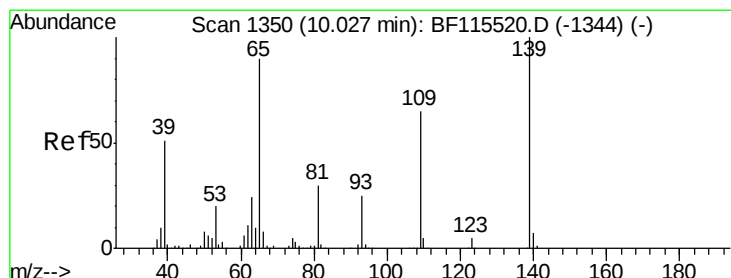
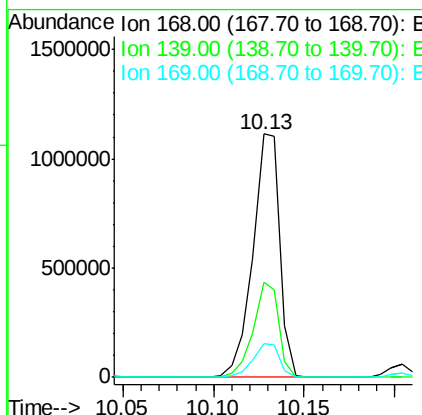
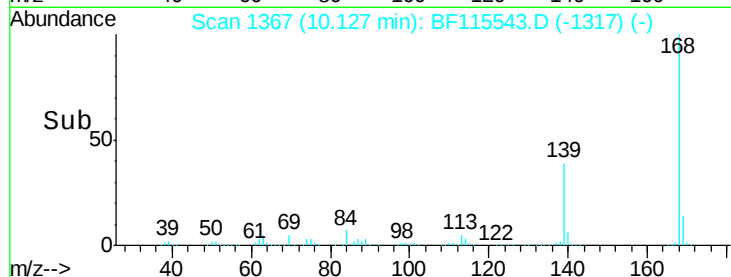
#55
Dibenzenofuran
Concen: 44.168 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1152352
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7
169 14.1 11.1 16.7

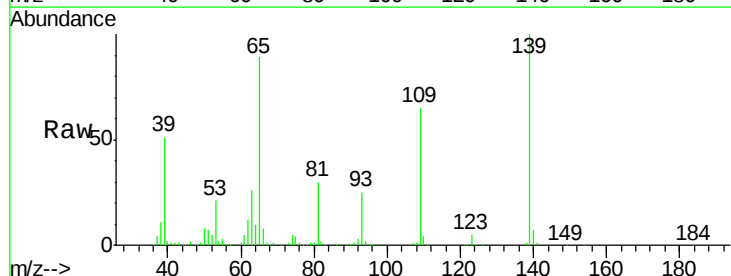


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

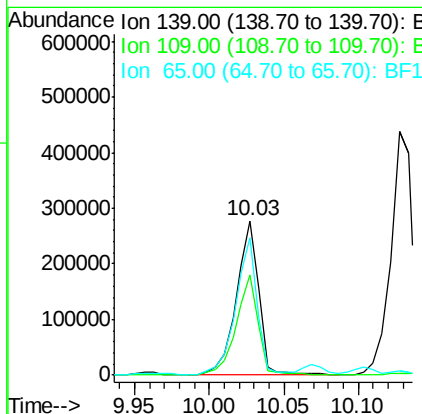
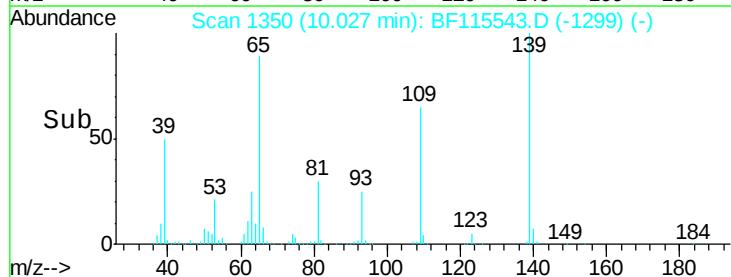


#56
4-Nitrophenol
Concen: 66.467 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:139 Resp: 292160
Ion Ratio Lower Upper
139 100
109 64.9 46.4 86.4
65 89.1 68.9 108.9



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

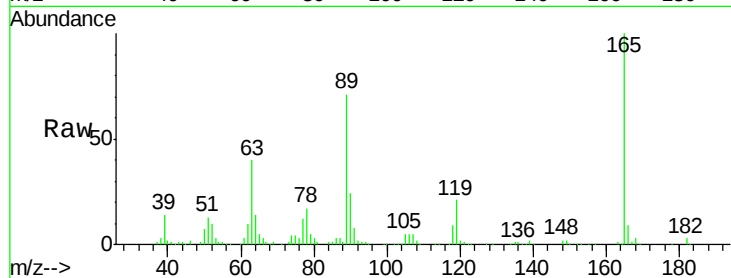




#57
2,4-Dinitrotoluene
Concen: 44.091 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.0	34.9	52.3
89	71.3	57.5	86.3
182	2.8	2.2	3.4

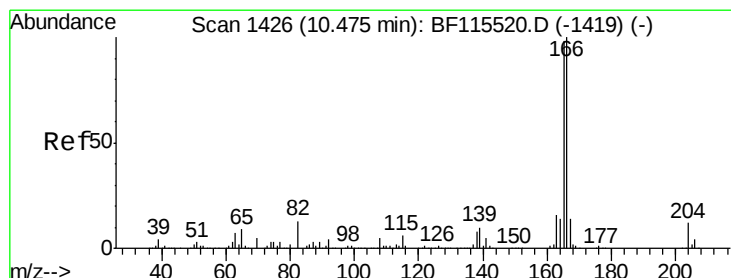
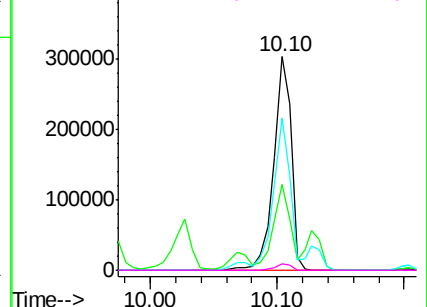
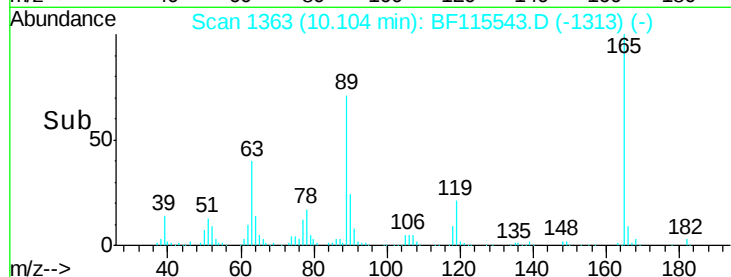


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

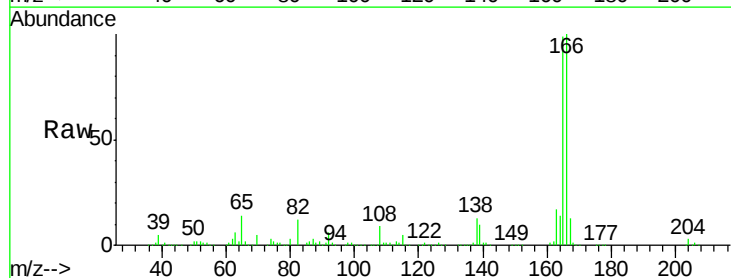
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.610 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

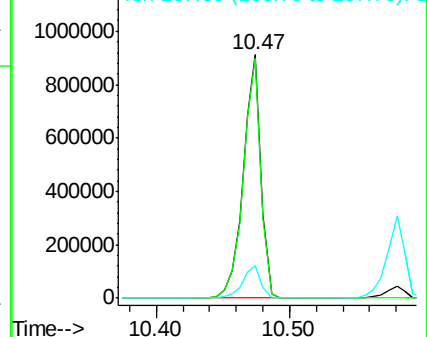
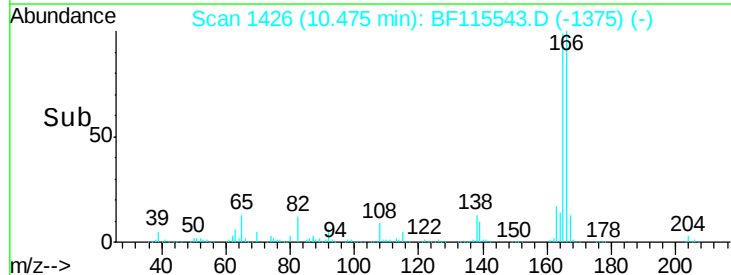
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.6
167	13.4	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

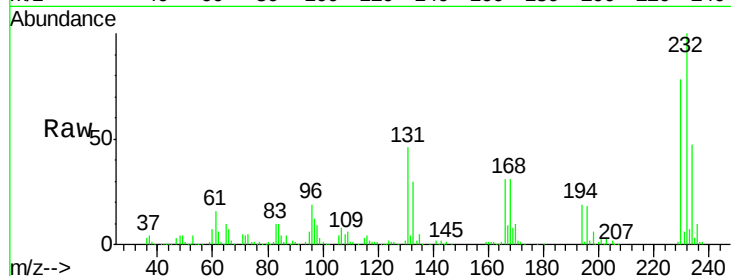




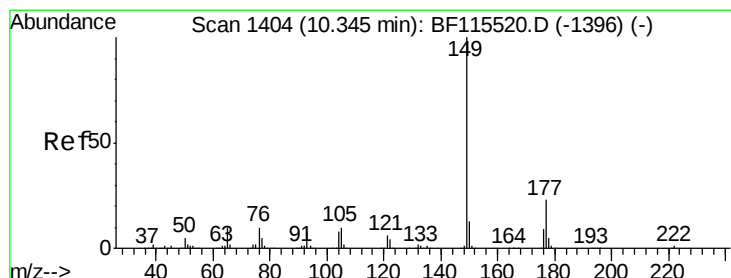
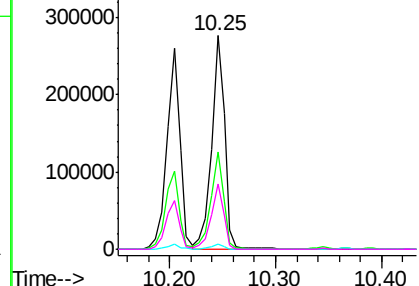
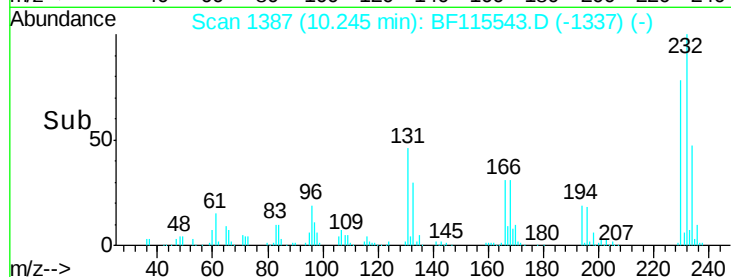
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.642 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 237169
 Ion Ratio Lower Upper
 232 100
 131 44.2 35.9 53.9
 130 2.1 1.8 2.6
 166 29.7 24.8 37.2

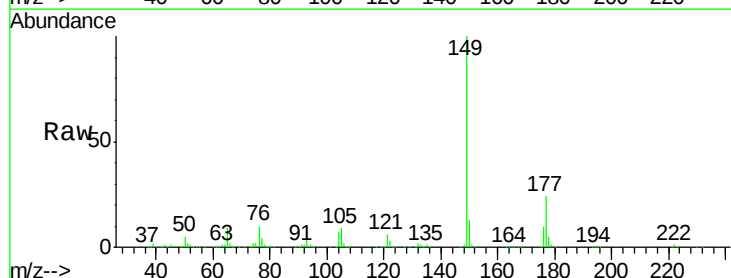


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

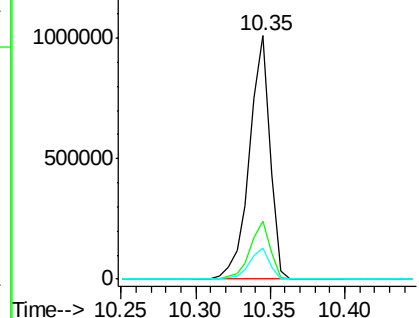
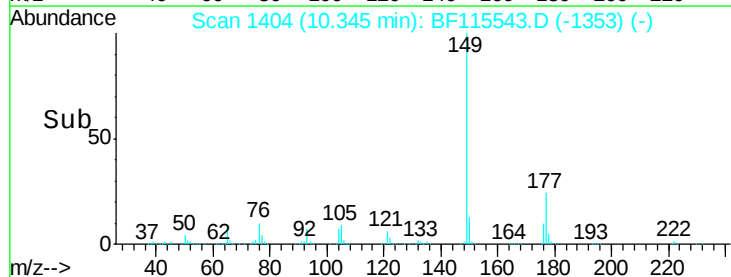


#60
 Diethylphthalate
 Concen: 46.097 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion:149 Resp: 958679
 Ion Ratio Lower Upper
 149 100
 177 23.8 19.5 29.3
 150 12.8 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

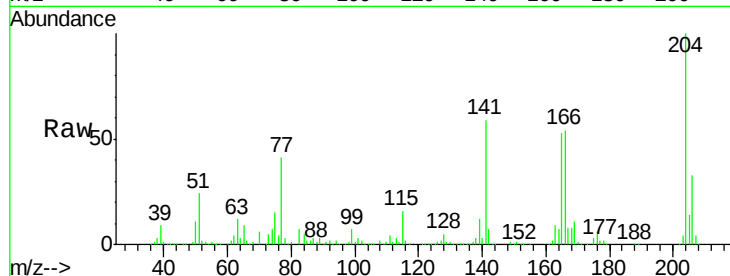




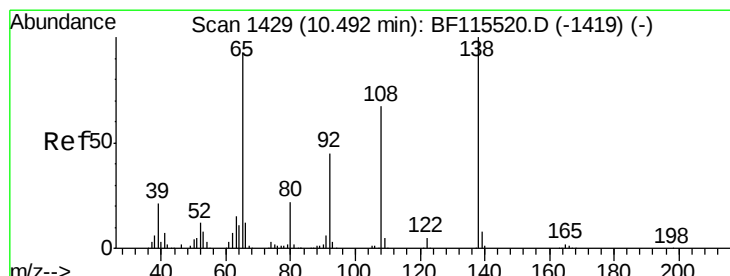
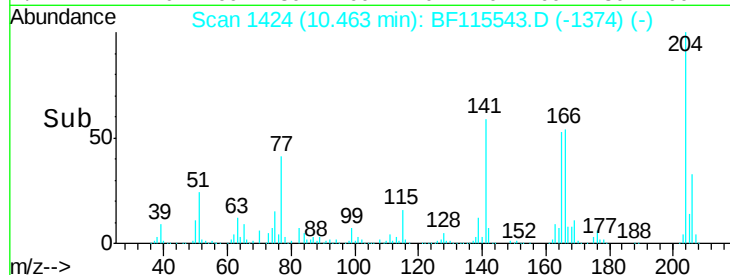
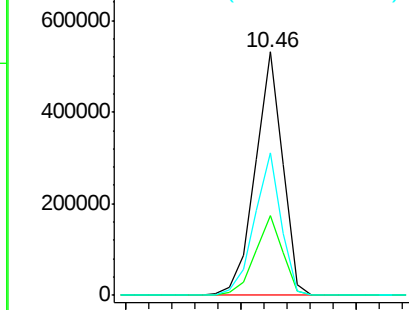
#61
 4-Chlorophenyl-phenylether
 Concen: 42.546 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	204	Resp:	440062
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	58.5	44.2	66.2

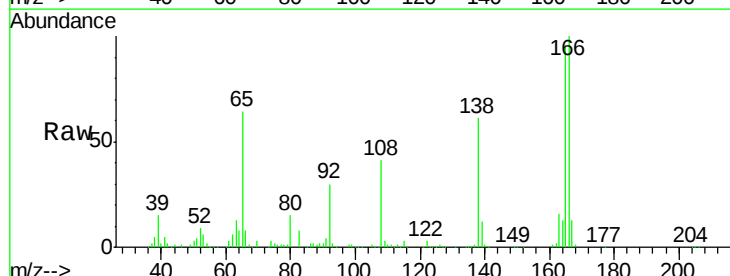


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

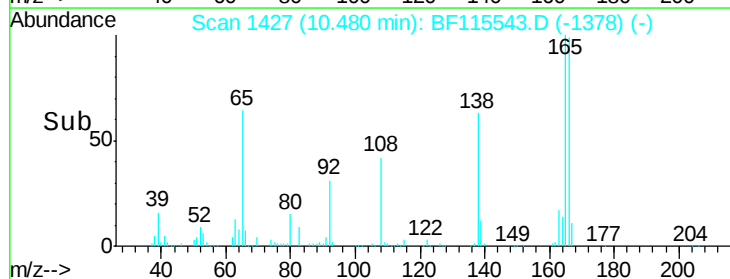
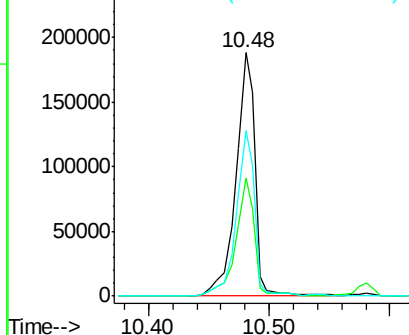


#62
 4-Nitroaniline
 Concen: 37.529 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion:	138	Resp:	207509
Ion	Ratio	Lower	Upper
138	100		
92	48.8	27.1	67.1
108	68.2	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: 44.488 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 897413

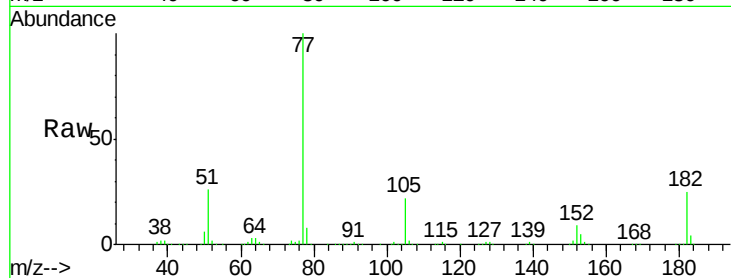
Ion Ratio Lower Upper

77 100

182 24.8 6.9 46.9

105 22.4 3.9 43.9

51 25.5 7.3 47.3

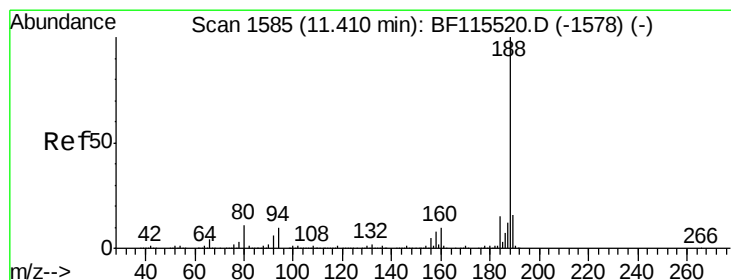
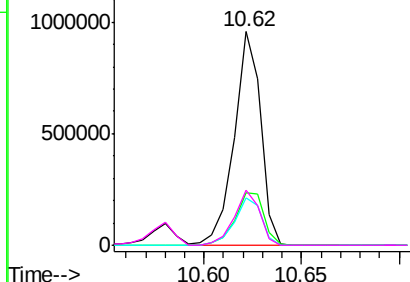
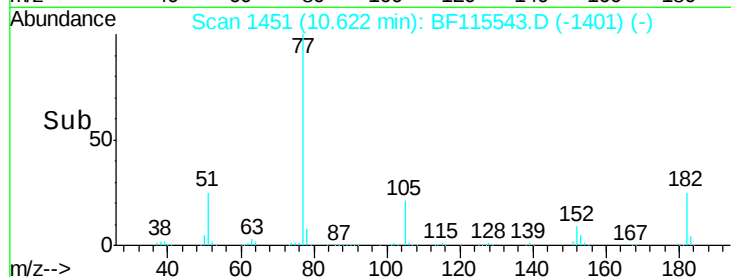


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

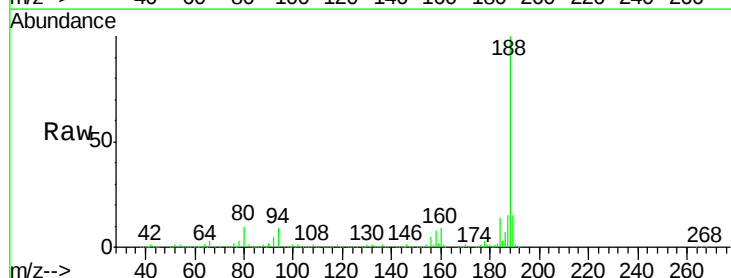
Tgt Ion: 188 Resp: 519579

Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.6

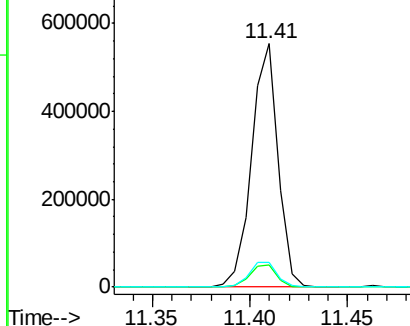
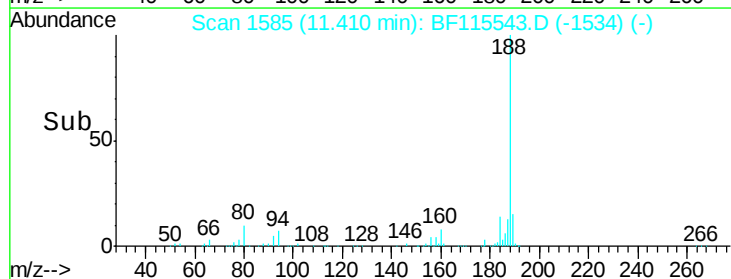
80 9.9 8.6 13.0

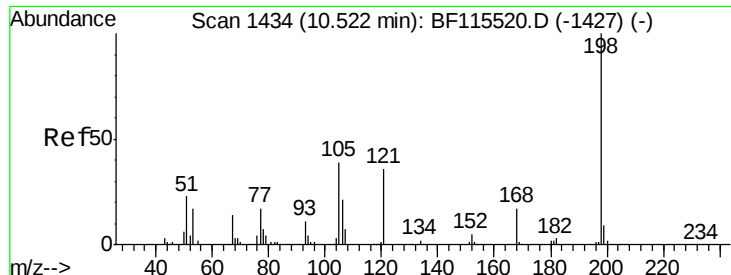


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

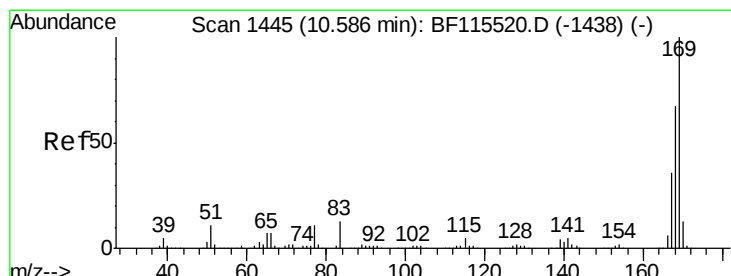
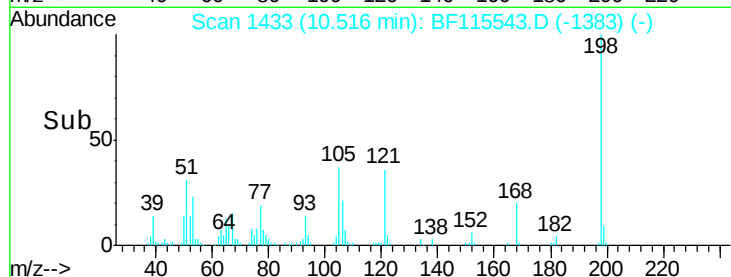
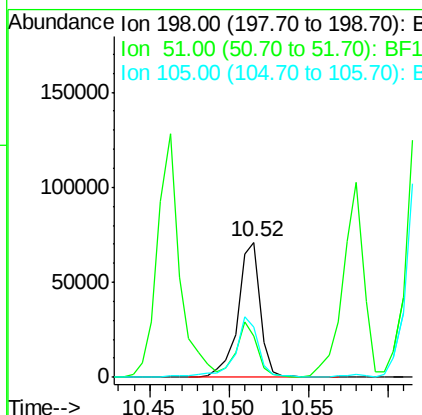
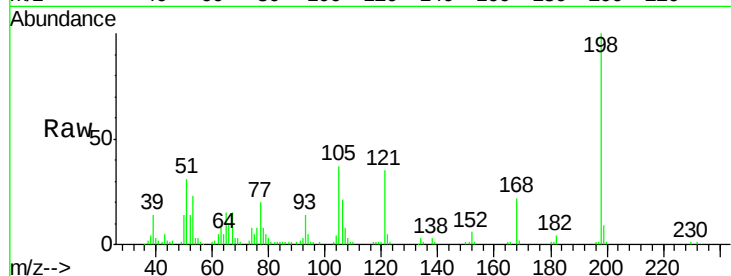




#65
4,6-Dinitro-2-methylphenol
Concen: 21.857 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

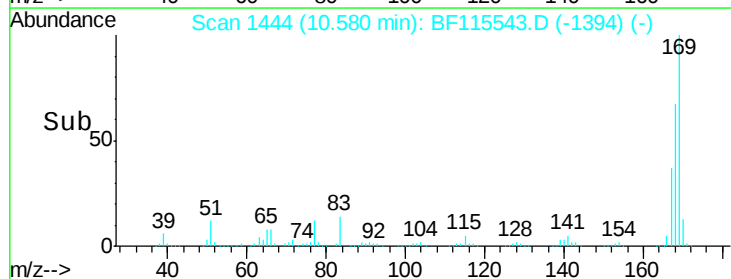
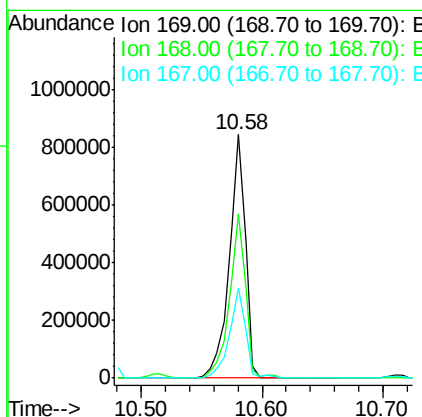
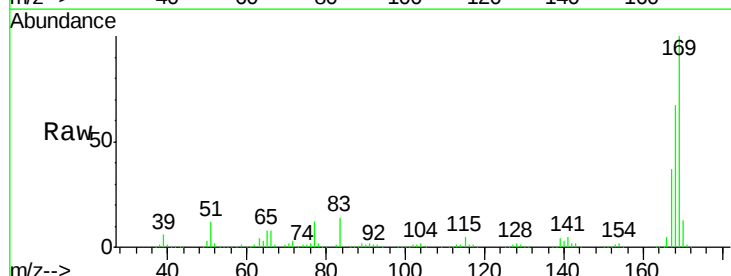
Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 69385
Ion Ratio Lower Upper
198 100
51 31.1 19.1 59.1
105 37.2 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 48.243 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:169 Resp: 779716
Ion Ratio Lower Upper
169 100
168 67.3 54.3 81.5
167 36.8 30.2 45.2

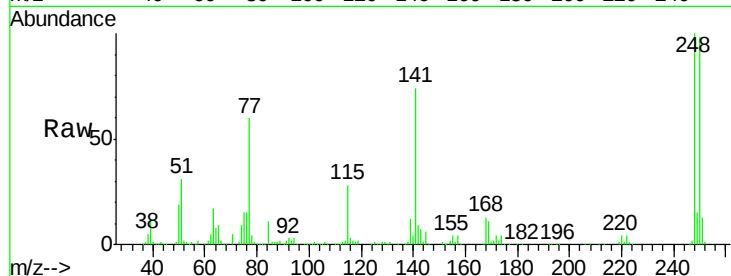




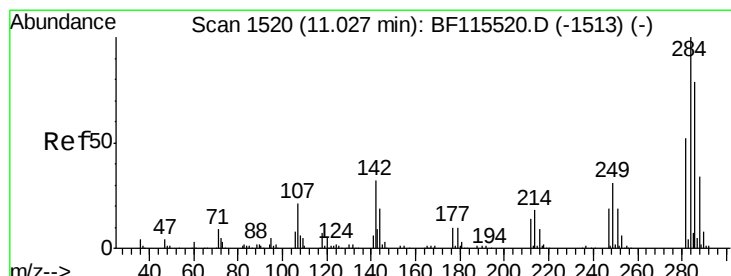
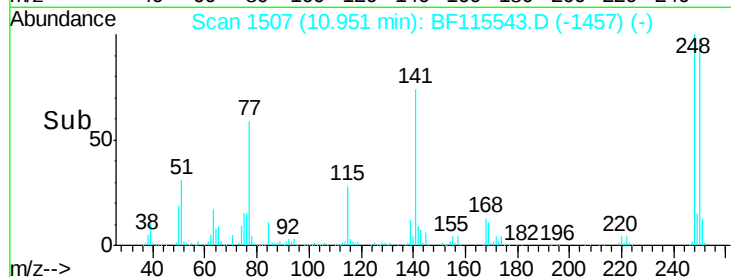
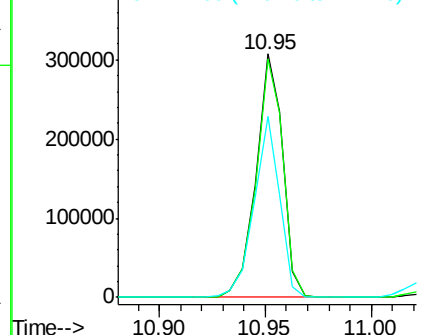
#67
4-Bromophenyl-phenylether
Concen: 45.626 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 270905
Ion Ratio Lower Upper
248 100
250 97.9 78.0 117.0
141 74.5 57.7 86.5

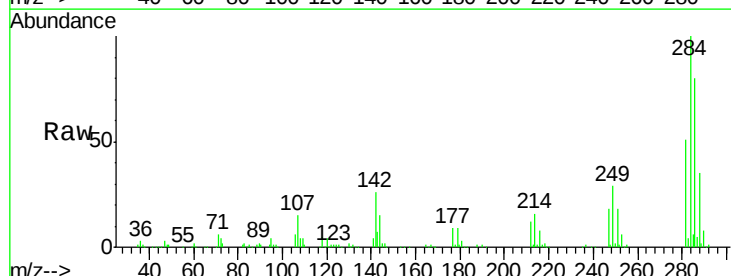


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

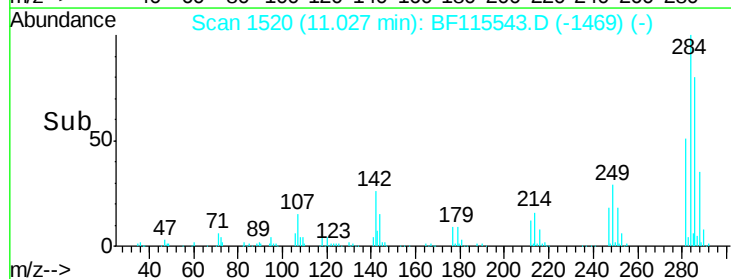
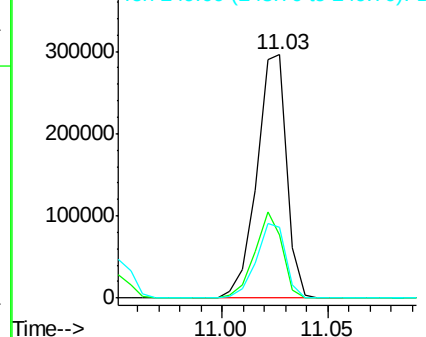


#68
Hexachlorobenzene
Concen: 42.999 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:284 Resp: 291561
Ion Ratio Lower Upper
284 100
142 25.8 22.2 33.2
249 28.9 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

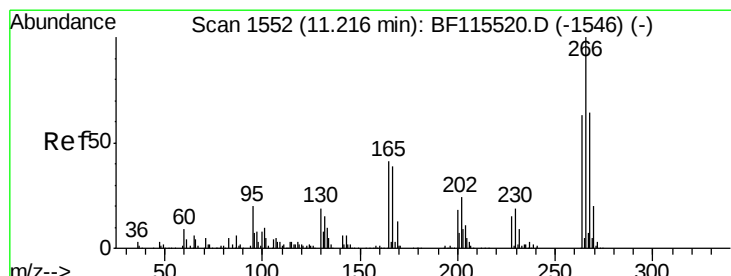
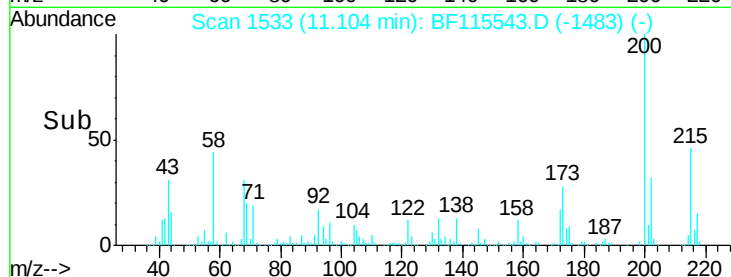
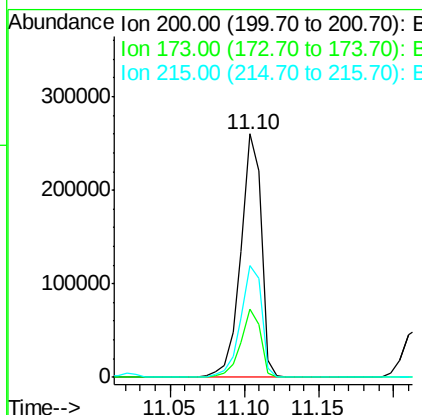
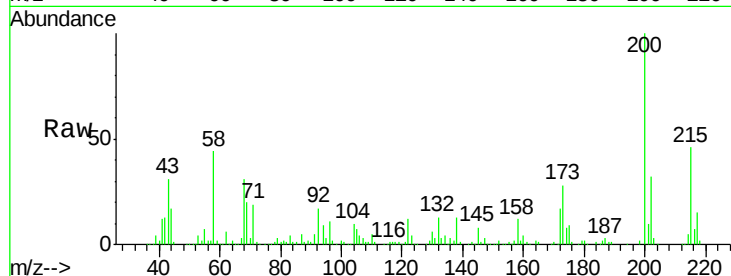




#69
Atrazine
Concen: 47.070 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

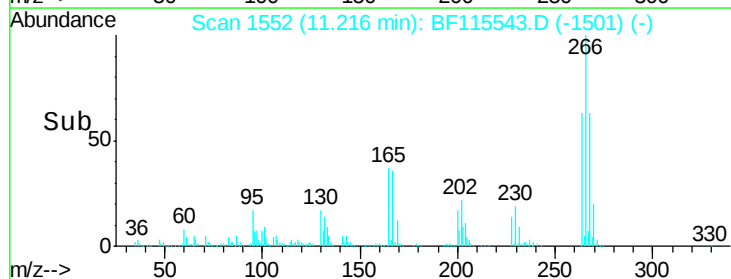
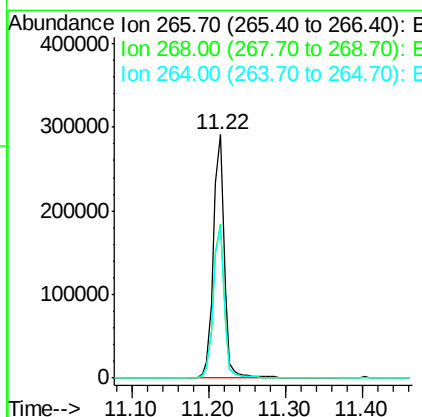
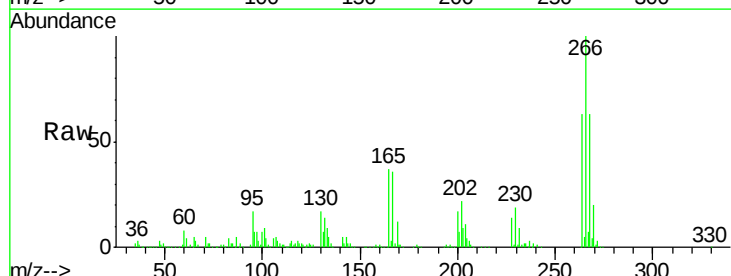
Instrument :
BNA_F
ClientSampleId :

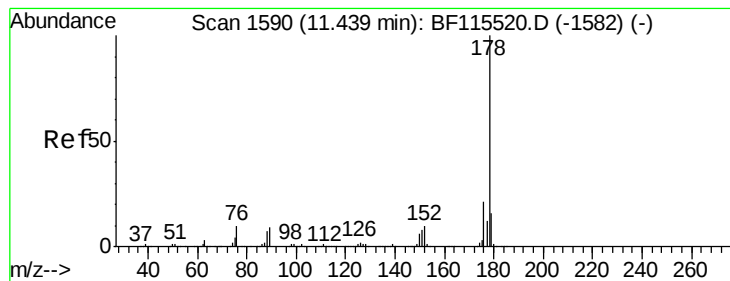
Tot Ion:200 Resp: 249571
Ion Ratio Lower Upper
200 100
173 28.1 6.9 46.9
215 46.1 27.9 67.9



#70
Pentachlorophenol
Concen: 68.322 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:266 Resp: 283346
Ion Ratio Lower Upper
266 100
268 63.5 51.6 77.4
264 63.0 50.6 76.0





#71

Phenanthrene

Concen: 44.806 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

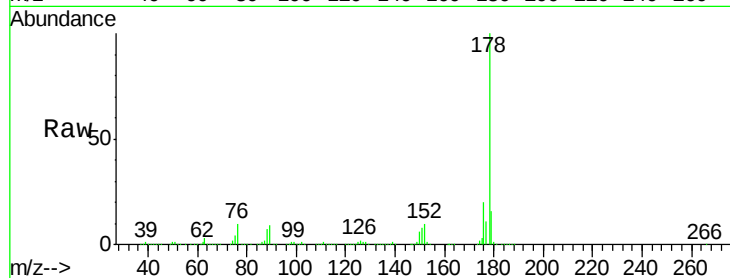
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1193313

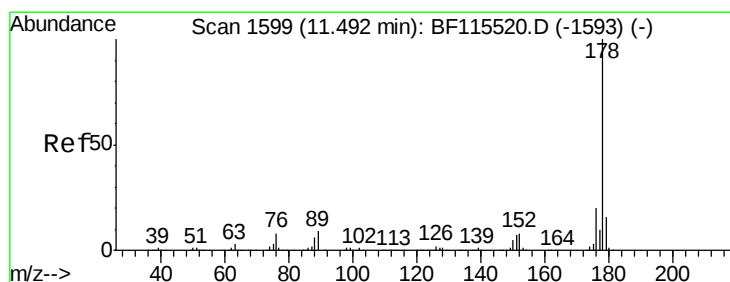
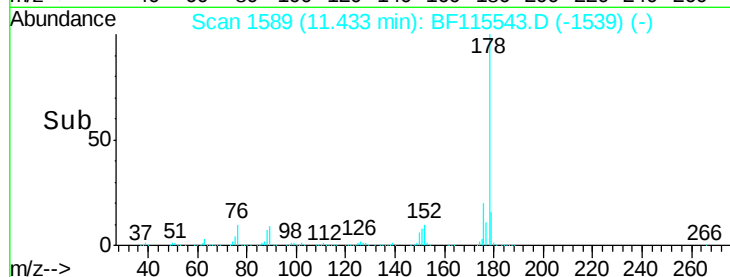
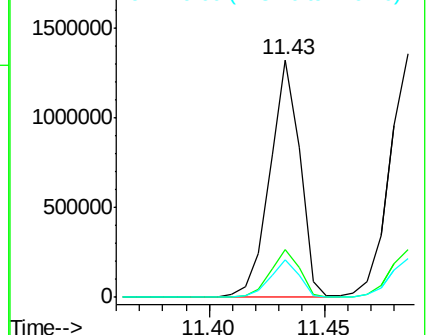
Ion	Ratio	Lower	Upper
178	100		
176	20.1	17.2	25.8
179	15.8	13.5	20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.259 ng

RT: 11.49 min Scan# 1598

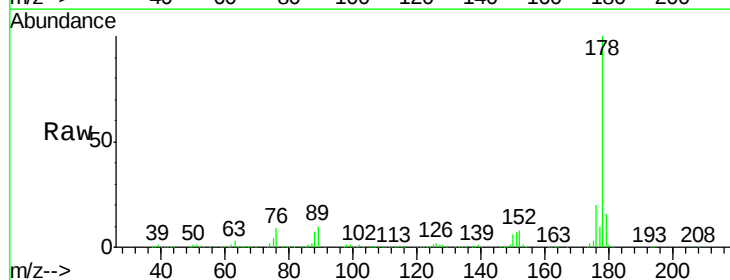
Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Tgt Ion:178 Resp: 1190677

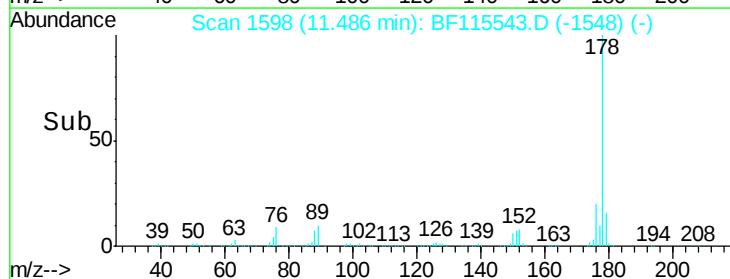
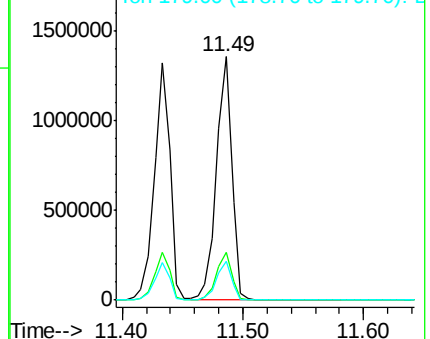
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.0	12.7	19.1

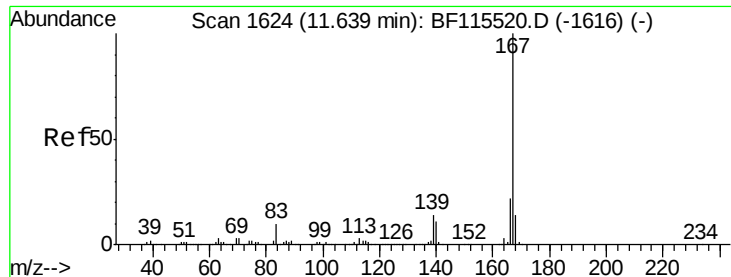


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

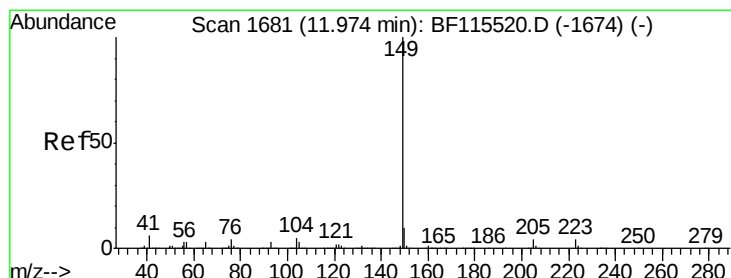
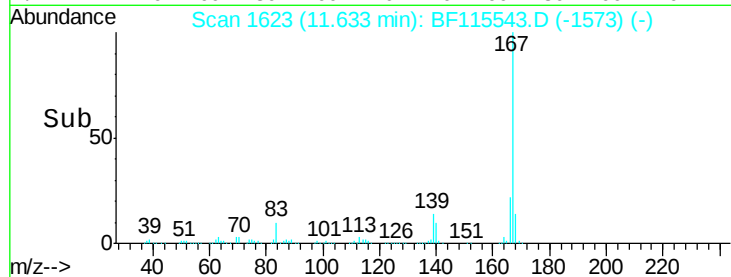
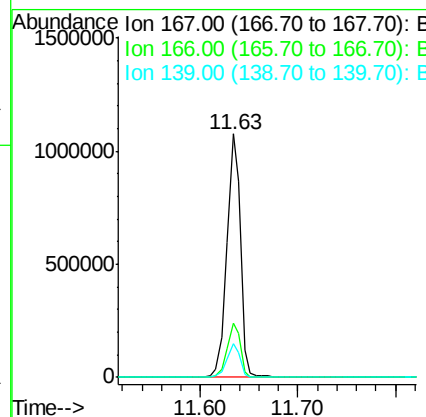
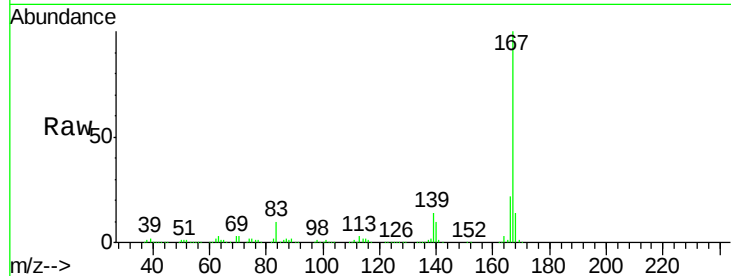




#73
 Carbazole
 Concen: 43.104 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

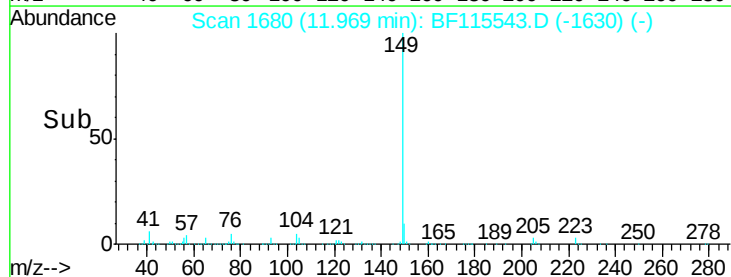
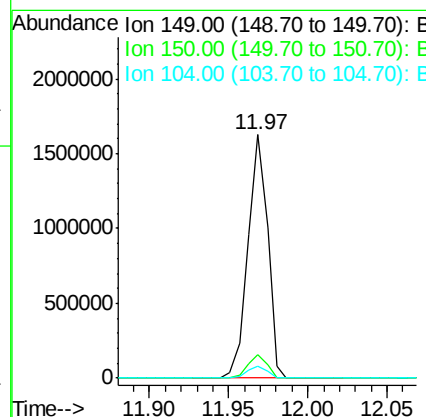
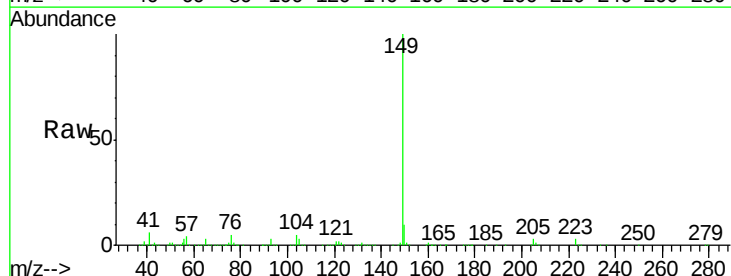
Instrument :
 BNA_F
 ClientSampleId :

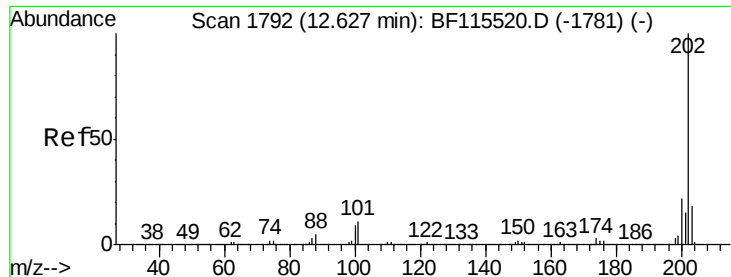
Tot Ion:167 Resp: 1040392
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.7 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 47.023 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion:149 Resp: 1398038
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.0 3.8 5.8

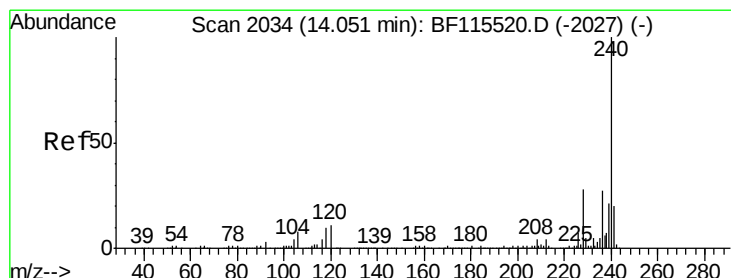
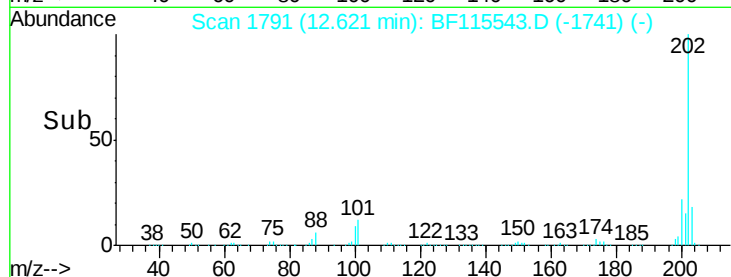
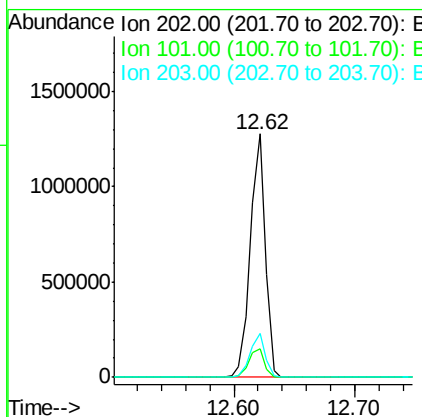
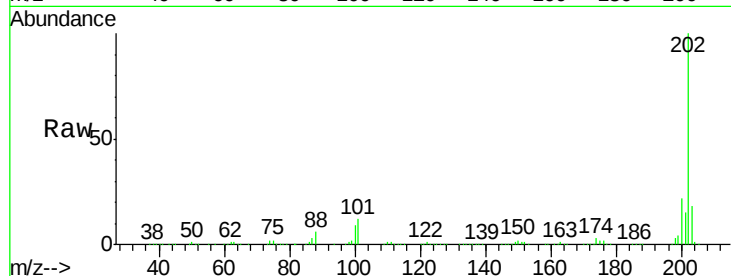




#75
 Fluoranthene
 Concen: 39.727 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

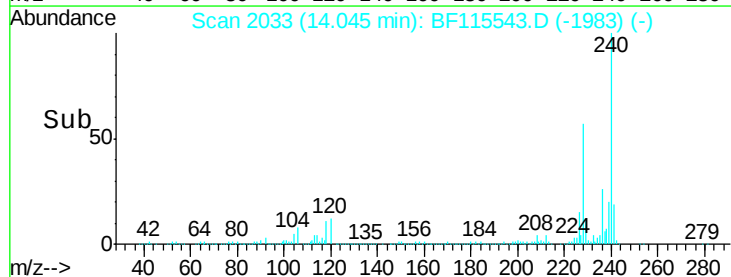
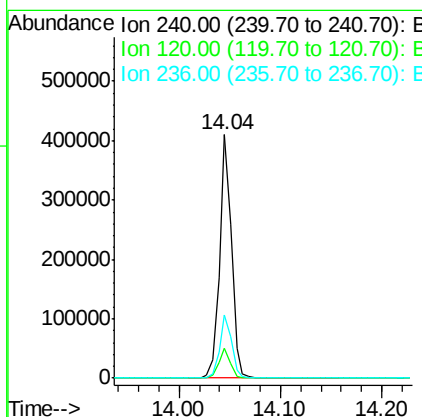
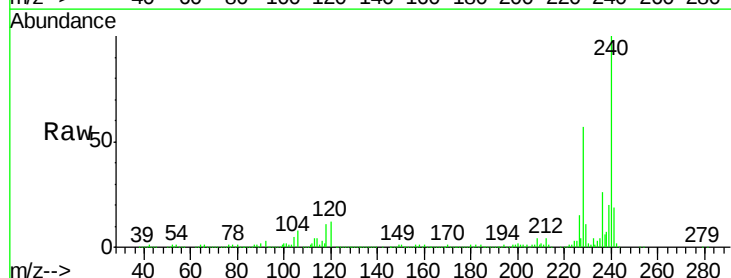
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1118089
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 31.4
 203 18.0 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion:240 Resp: 332726
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.6 13.0
 236 26.2 21.3 31.9





#77

Benzidine

Concen: 27.826 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

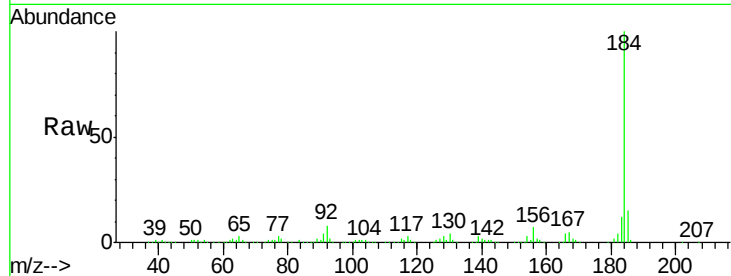
Tot Ion:184 Resp: 327980

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

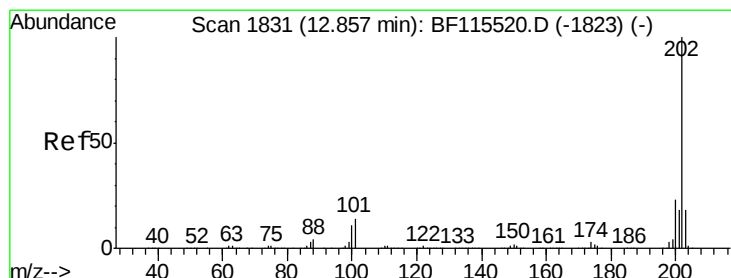
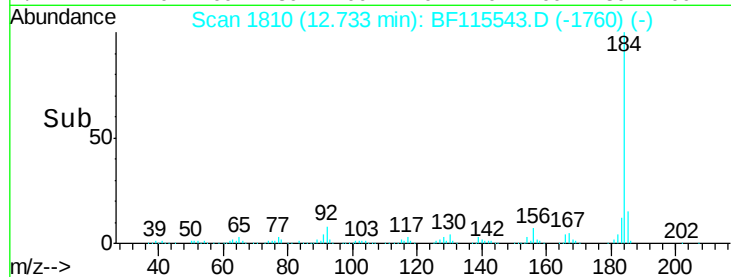
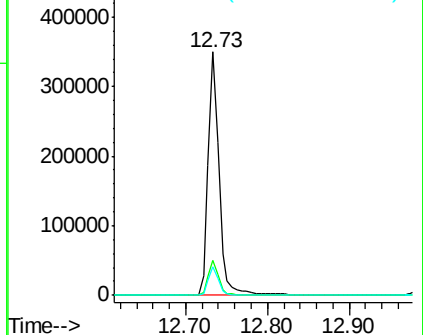
183 11.6 9.3 13.9



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: 39.325 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

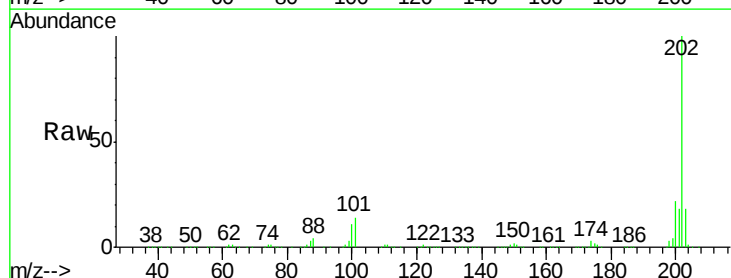
Tgt Ion:202 Resp: 1108562

Ion Ratio Lower Upper

202 100

200 21.7 18.7 28.1

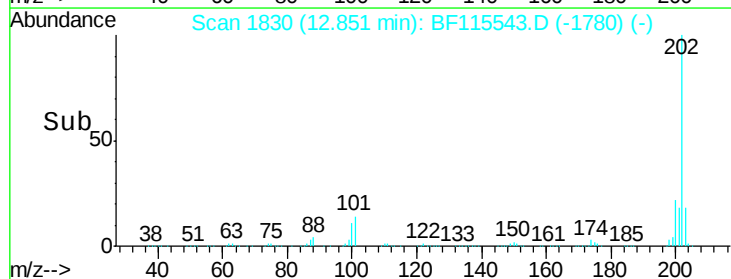
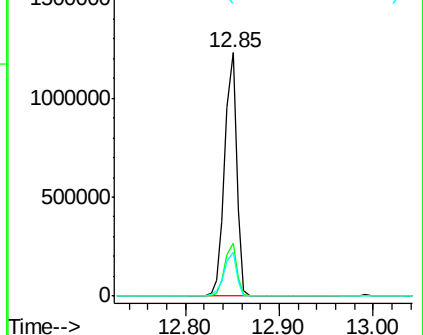
203 18.0 15.2 22.8

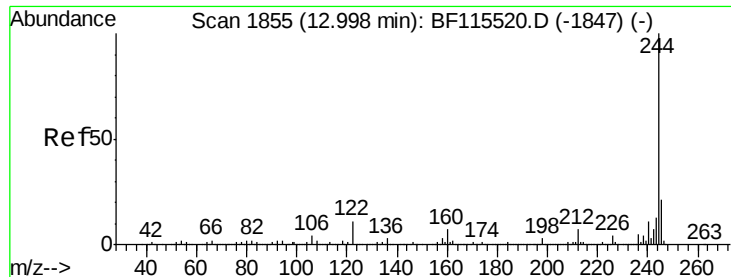


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.227 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

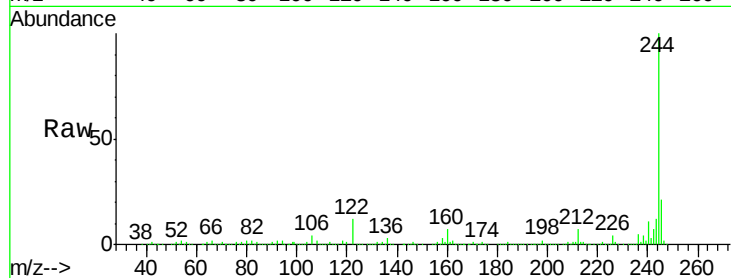
Tot Ion:244 Resp: 1626995

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

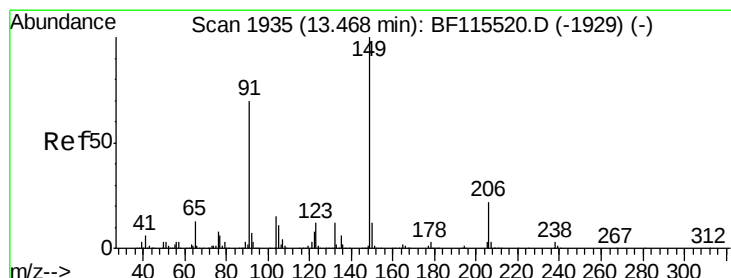
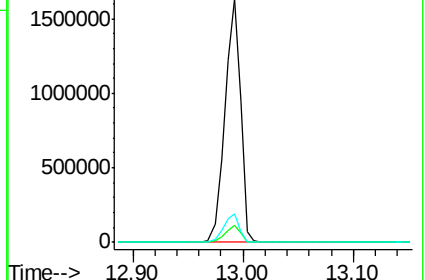
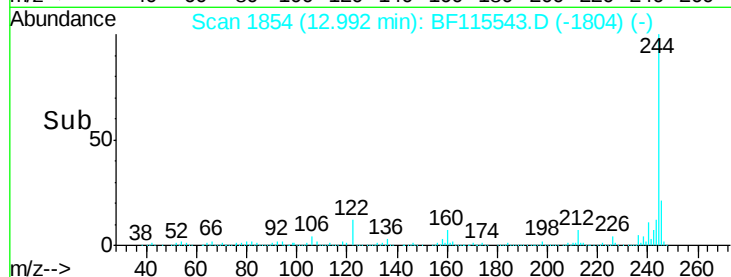
122 11.8 8.6 12.8



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: 42.552 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

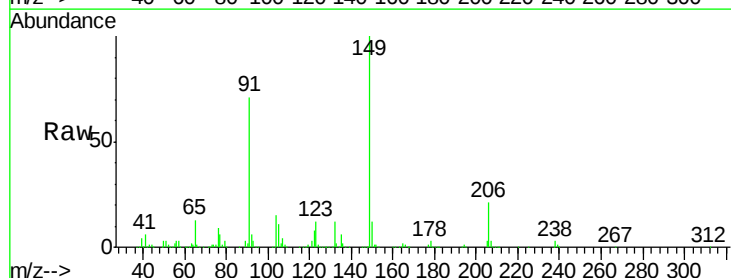
Tgt Ion:149 Resp: 511350

Ion Ratio Lower Upper

149 100

91 71.1 55.8 83.8

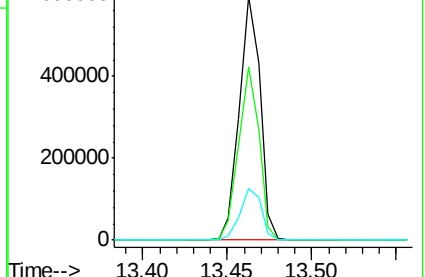
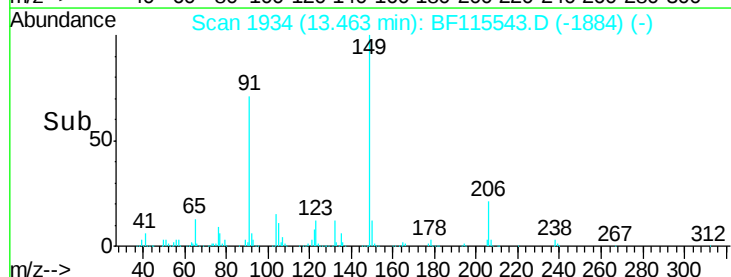
206 21.3 18.2 27.2

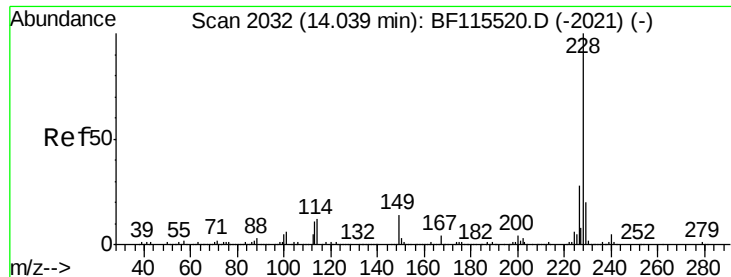


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.743 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampled :

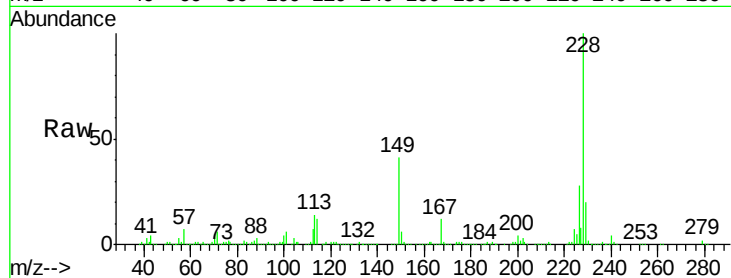
Tot Ion:228 Resp: 915007

Ion Ratio Lower Upper

228 100

226 27.9 23.4 35.0

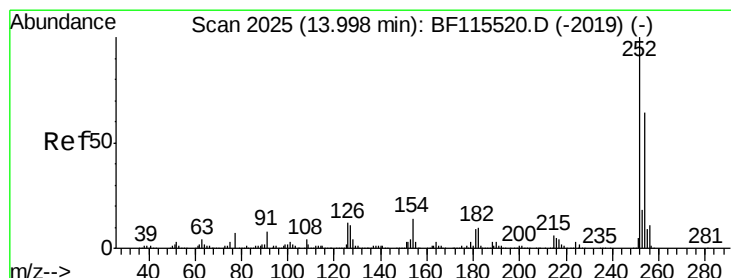
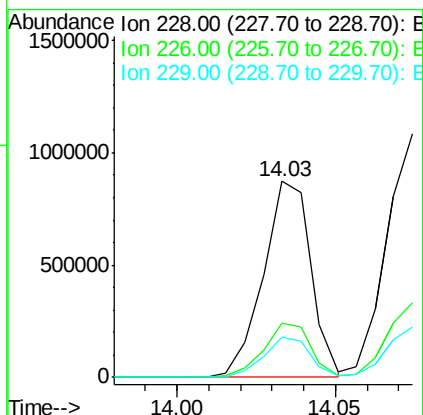
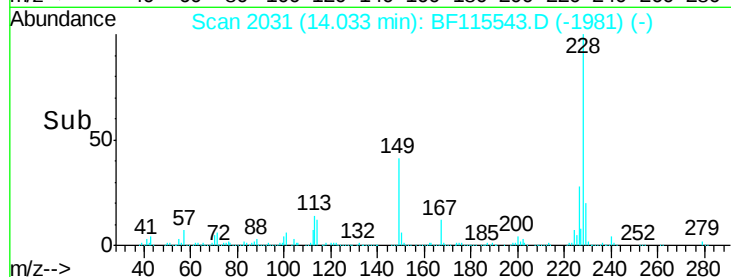
229 20.3 17.2 25.8



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: 30.012 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

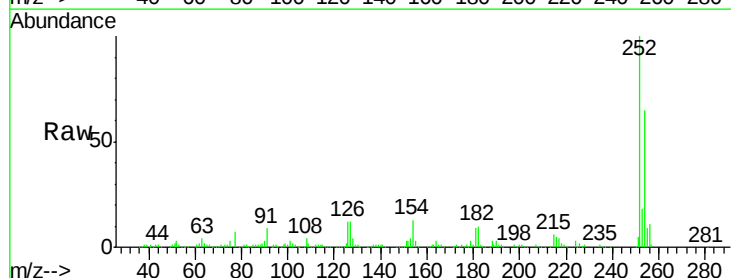
Tgt Ion:252 Resp: 233865

Ion Ratio Lower Upper

252 100

254 65.0 52.9 79.3

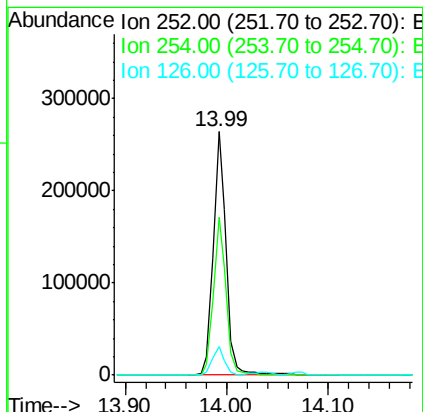
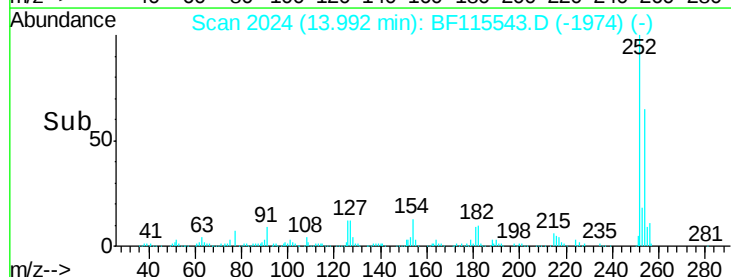
126 11.5 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

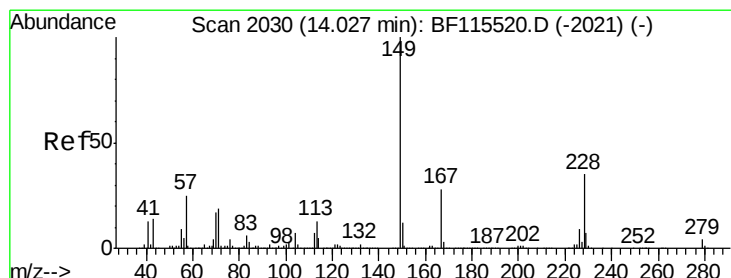
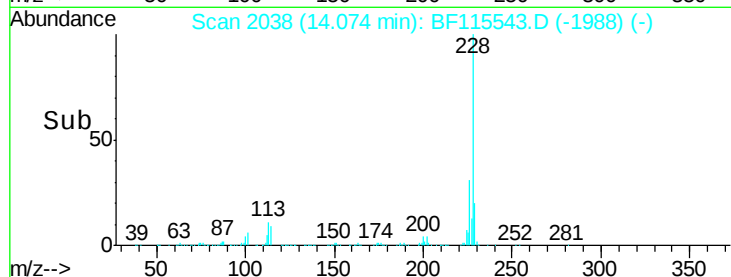
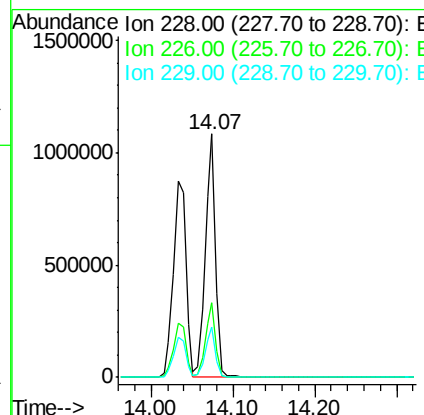
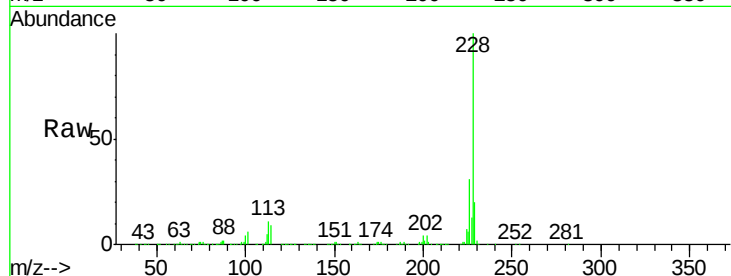




#83
 Chrvsene
 Concen: 43.173 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

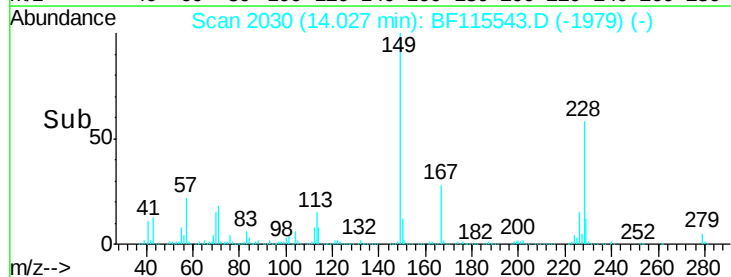
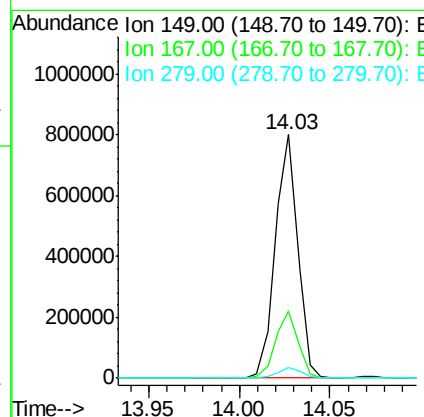
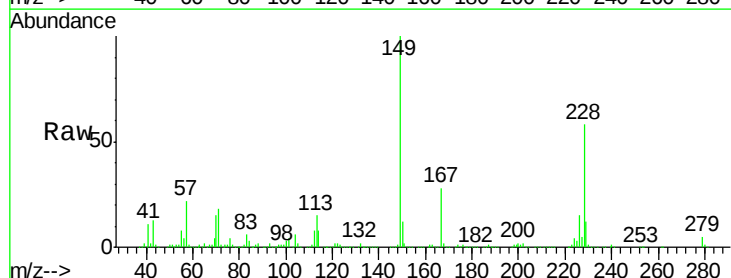
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.7	38.5
229	20.5	16.6	25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.241 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF115543.D
 Acq: 12 Jul 2019 22:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.0	34.4
279	4.6	4.2	6.2

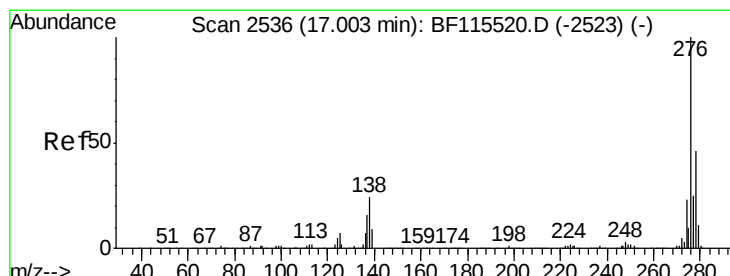
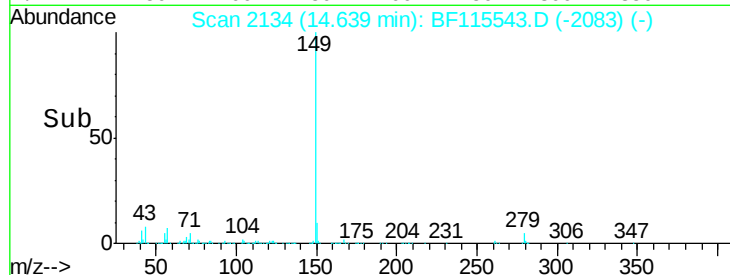
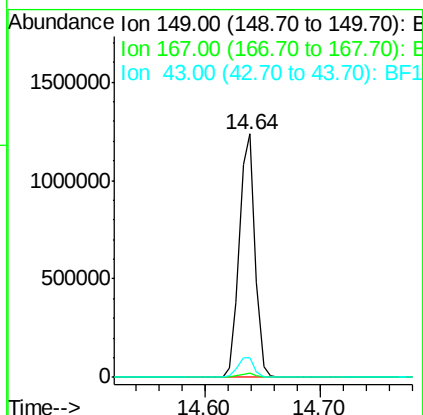
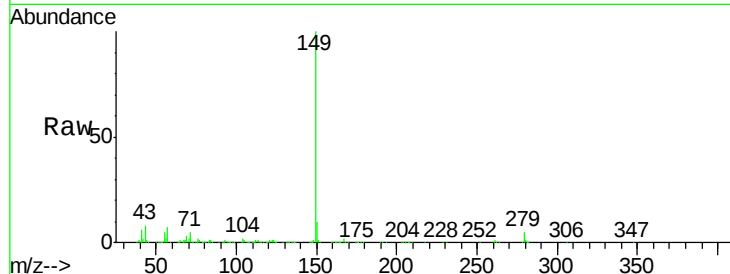




#85
Di-n-octyl phthalate
Concen: 49.363 ng
RT: 14.64 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

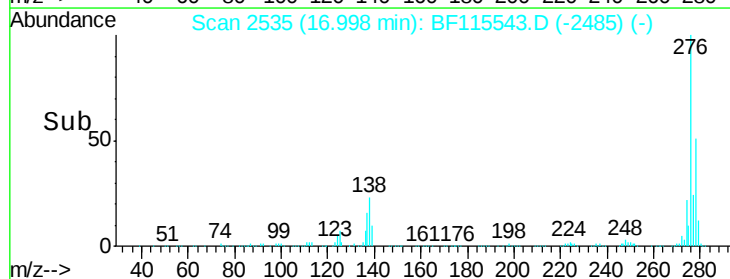
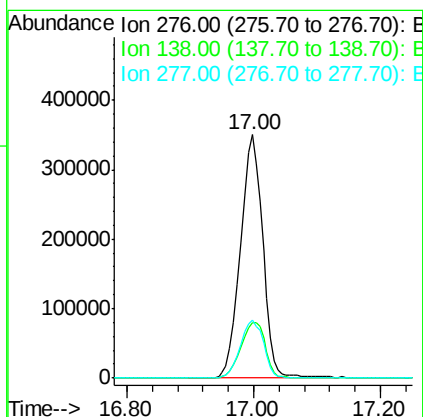
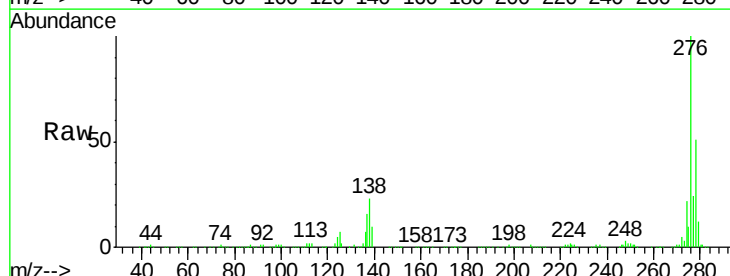
Instrument :
BNA_F
ClientSampleId :

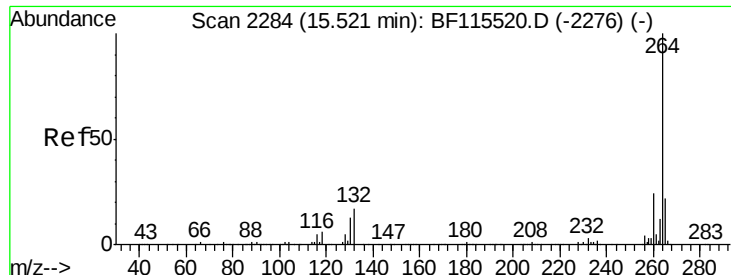
Tot Ion:149 Resp: 1169115
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.4 7.2 10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.721 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:276 Resp: 854739
Ion Ratio Lower Upper
276 100
138 25.5 20.2 30.2
277 25.2 20.4 30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

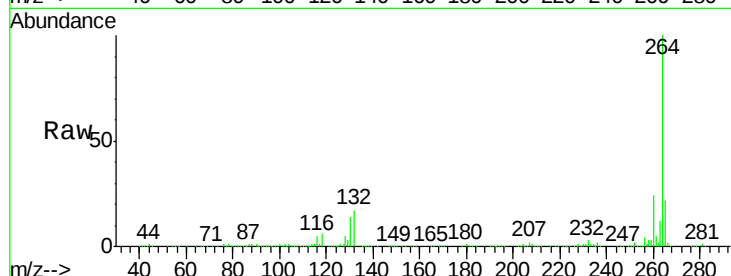
Tot Ion:264 Resp: 366351

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.8

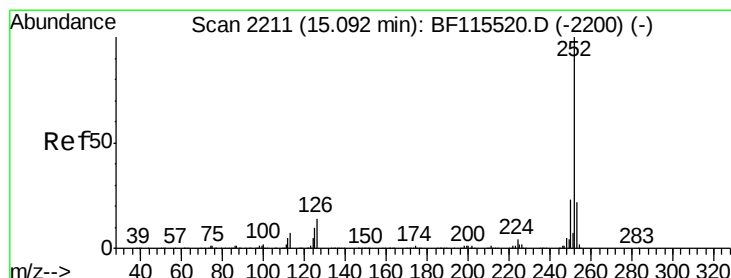
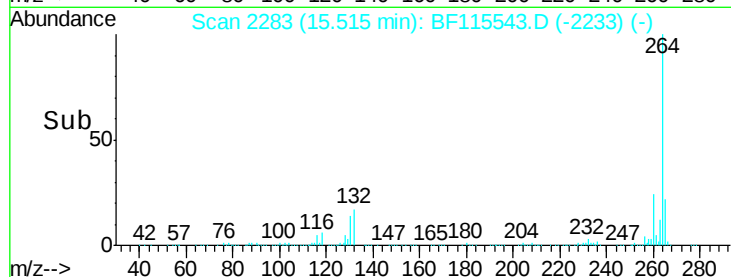
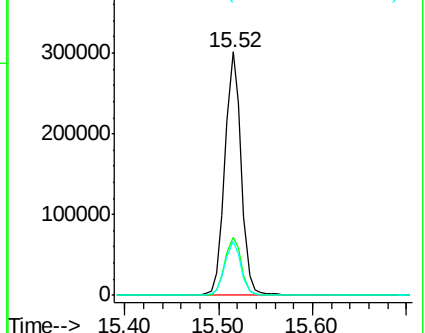
265 22.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.224 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

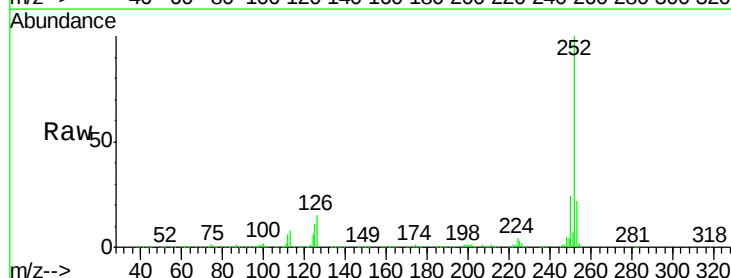
Tgt Ion:252 Resp: 1019660

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

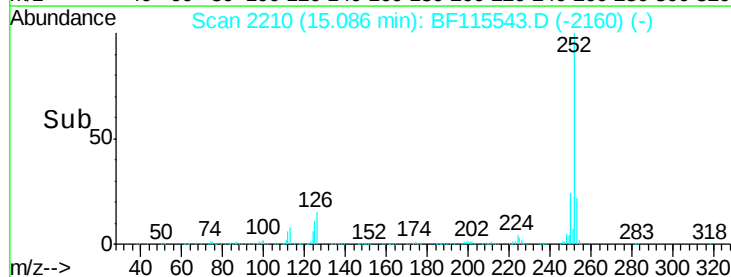
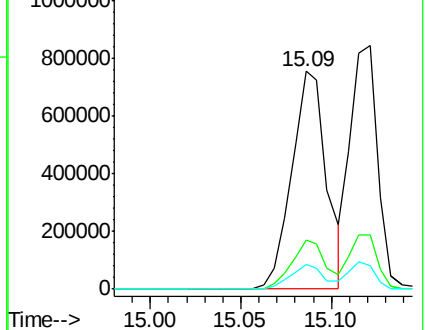
125 11.2 9.0 13.4

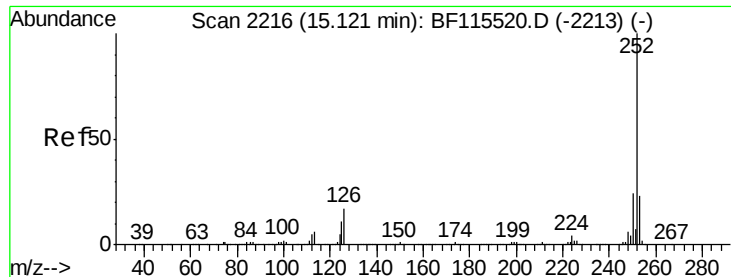


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

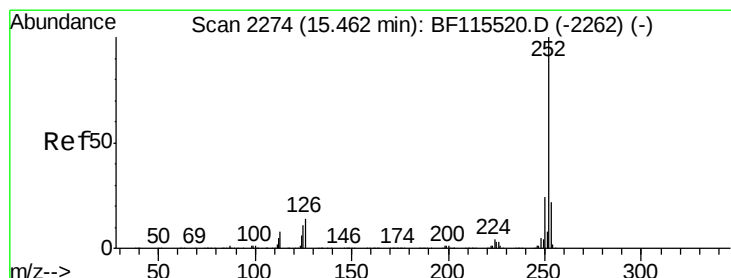
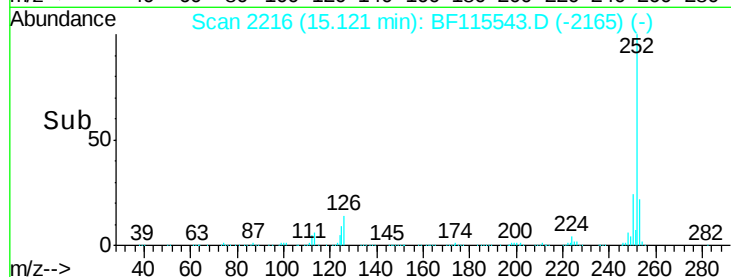
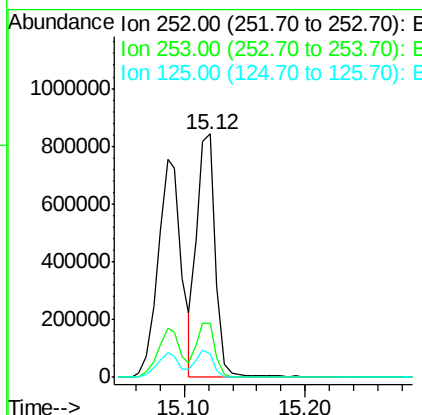
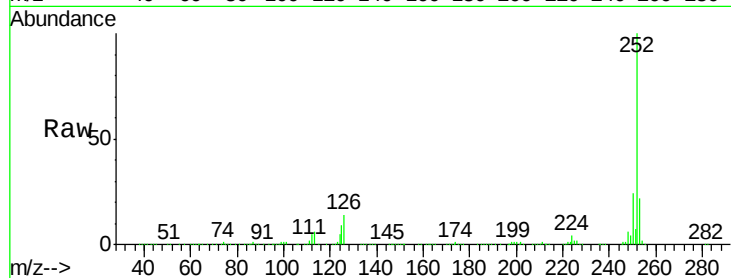




#89
Benzo(k)fluoranthene
Concen: 42.568 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

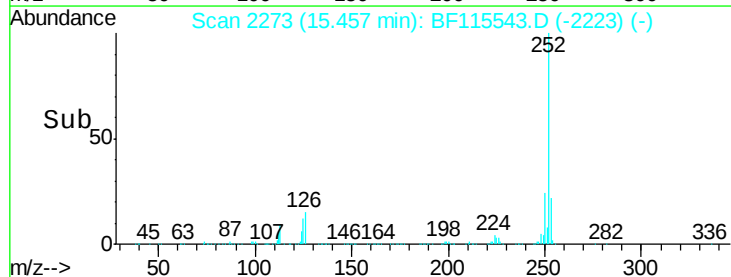
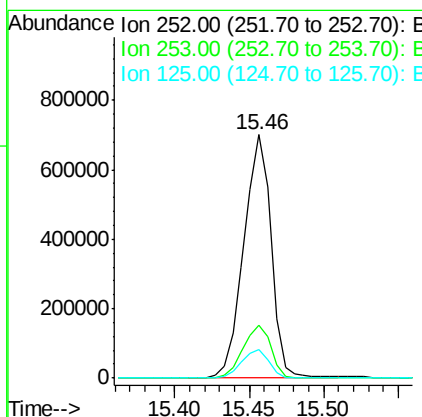
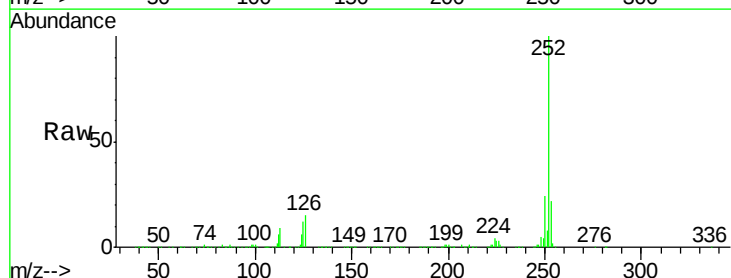
Instrument :
BNA_F
ClientSampleId :

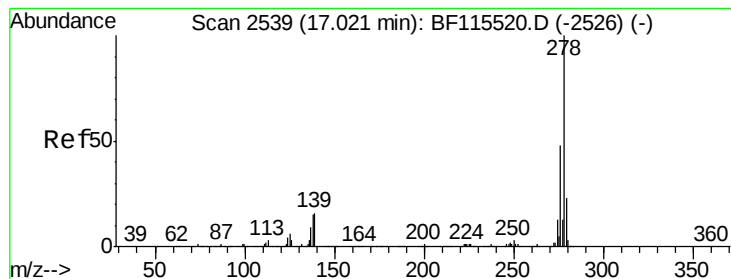
Tot Ion:252 Resp: 895276
Ion Ratio Lower Upper
252 100
253 22.1 18.6 28.0
125 9.5 9.0 13.6



#90
Benzo(a)pyrene
Concen: 43.854 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115543.D
Acq: 12 Jul 2019 22:54

Tgt Ion:252 Resp: 889161
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 11.6 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 41.228 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

Instrument :

BNA_F

ClientSampleId :

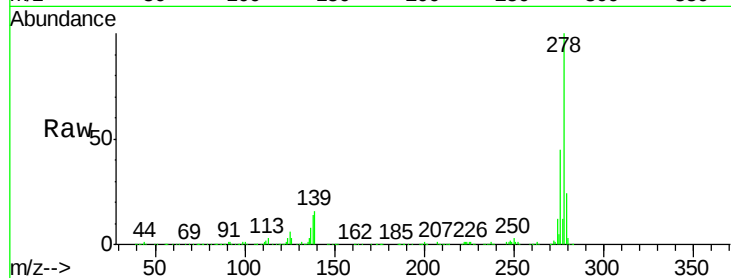
Tot Ion:278 Resp: 733851

Ion Ratio Lower Upper

278 100

139 15.6 13.1 19.7

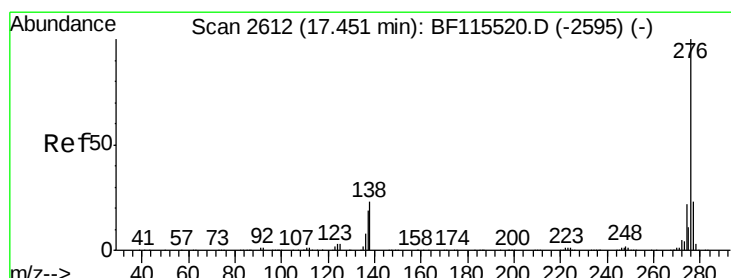
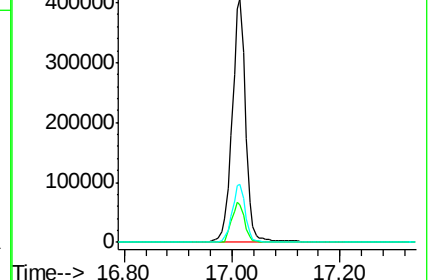
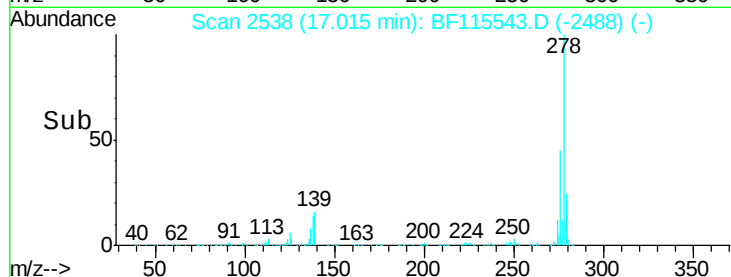
279 23.6 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.468 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF115543.D

Acq: 12 Jul 2019 22:54

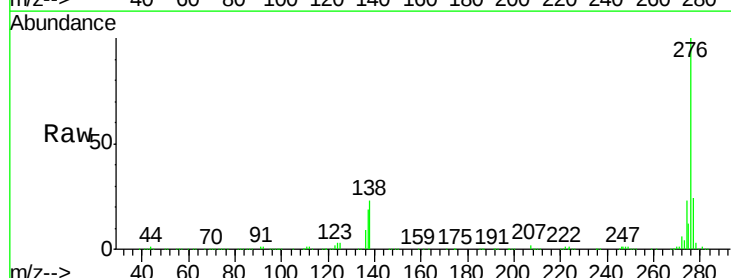
Tgt Ion:276 Resp: 665134

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 22.9 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

