

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110954.D
 Acq On : 26 Nov 2018 10:31
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 11:34:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 11:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	67447	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	292583	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	145004	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	277395	20.00	ng	0.00
76) Chrysene-d12	14.13	240	218412	20.00	ng	0.00
87) Perylene-d12	15.66	264	169916	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	211716	50.99	ng	0.00
7) Phenol-d6	6.56	99	269562	50.77	ng	0.00
23) Nitrobenzene-d5	7.50	82	260270	51.23	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	73647	50.41	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	506765	49.91	ng	0.00
79) Terphenyl-d14	13.06	244	565943	48.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	49812	24.076	ng	90
3) Pyridine	3.56	79	105037	23.520	ng	91
4) n-Nitrosodimethylamine	3.51	42	48682	25.406	ng	86
6) Aniline	6.60	93	169667	24.502	ng	# 55
8) 2-Chlorophenol	6.72	128	126397	25.966	ng	99
9) Benzaldehyde	6.50	77	80566	26.740	ng	97
10) Phenol	6.57	94	154237	25.051	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	117480	25.460	ng	95
12) 1,3-Dichlorobenzene	6.87	146	136074	25.549	ng	99
13) 1,4-Dichlorobenzene	6.95	146	140555	25.988	ng	99
14) 1,2-Dichlorobenzene	7.10	146	131278	26.092	ng	99
15) Benzyl Alcohol	7.08	79	105112	25.296	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	182938	25.246	ng	76
17) 2-Methylphenol	7.19	107	98535	25.435	ng	# 81
18) Hexachloroethane	7.44	117	51817	25.952	ng	94
19) n-Nitroso-di-n-propylamine	7.34	70	88713	26.173	ng	93
20) 3+4-Methylphenols	7.35	107	132810	26.706	ng	# 56
22) Acetophenone	7.35	105	176609	25.900	ng	# 94
24) Nitrobenzene	7.52	77	133939	25.731	ng	97
25) Isophorone	7.76	82	209576	25.168	ng	98
26) 2-Nitrophenol	7.84	139	65495	25.222	ng	100
27) 2,4-Dimethylphenol	7.87	122	101471	25.658	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	142519	25.278	ng	99
29) 2,4-Dichlorophenol	8.09	162	104834	25.762	ng	96
30) 1,2,4-Trichlorobenzene	8.16	180	117993	25.717	ng	95
31) Naphthalene	8.24	128	349794	25.467	ng	100
32) Benzoic acid	8.00	122	66677	23.829	ng	94
33) 4-Chloroaniline	8.30	127	153915	24.739	ng	98
34) Hexachlorobutadiene	8.35	225	66837	25.504	ng	97
35) Caprolactam	8.67	113	35668	26.235	ng	# 83
36) 4-Chloro-3-methylphenol	8.77	107	115115	26.230	ng	96
37) 2-Methylnaphthalene	8.93	142	231470	25.707	ng	99
38) 1-Methylnaphthalene	9.03	142	221004	25.522	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	116564	25.395	ng	97

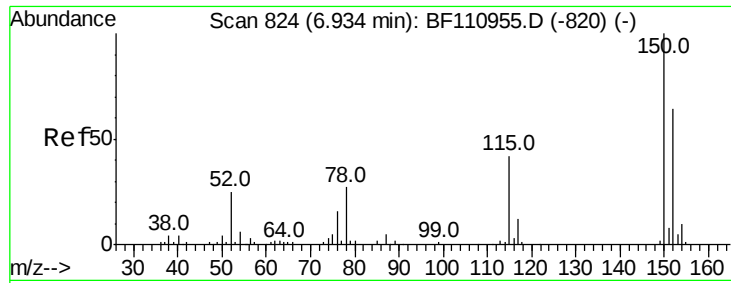
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110954.D
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 QLast Update : Mon Nov 26 11:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	6157	4.181	ng	99
43) 2,4,6-Trichlorophenol	9.22	196	70378	24.400	ng	98
44) 2,4,5-Trichlorophenol	9.27	196	72382	23.526	ng	93
46) 1,1'-Biphenyl	9.40	154	339603	25.106	ng	98
47) 2-Chloronaphthalene	9.43	162	242765	24.911	ng	99
48) 2-Nitroaniline	9.53	65	76650	25.524	ng	93
49) Acenaphthylene	9.85	152	349663	24.915	ng	99
50) Dimethylphthalate	9.69	163	266161	24.599	ng	99
51) 2,6-Dinitrotoluene	9.77	165	59766	25.110	ng	97
52) Acenaphthene	10.01	154	219931	24.797	ng	97
53) 3-Nitroaniline	9.95	138	70939	25.726	ng	94
54) 2,4-Dinitrophenol	10.07	184	17656	20.996	ng	93
55) Dibenzofuran	10.19	168	329236	25.372	ng	97
56) 4-Nitrophenol	10.12	139	33508	18.316	ng	97
57) 2,4-Dinitrotoluene	10.19	165	78724	25.438	ng	# 90
58) Fluorene	10.53	166	255385	25.623	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	64852	26.794	ng	97
60) Diethylphthalate	10.39	149	275981	25.782	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	132431	25.662	ng	98
62) 4-Nitroaniline	10.56	138	68126	24.534	ng	96
63) Azobenzene	10.67	77	271333	25.981	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	30728	21.979	ng	89
66) n-Nitrosodiphenylamine	10.63	169	234811	25.113	ng	97
67) 4-Bromophenyl-phenylether	11.01	248	76398	24.920	ng	98
68) Hexachlorobenzene	11.08	284	81464	25.203	ng	# 90
69) Atrazine	11.16	200	72590	25.391	ng	98
70) Pentachlorophenol	11.29	266	33172	19.233	ng	98
71) Phenanthrene	11.50	178	374093	25.172	ng	99
72) Anthracene	11.55	178	379915	25.342	ng	99
73) Carbazole	11.71	167	373684	25.955	ng	100
74) Di-n-butylphthalate	12.02	149	434590	25.741	ng	99
75) Fluoranthene	12.70	202	386877	25.966	ng	97
77) Benzidine	12.82	184	154662	25.750	ng	97
78) Pyrene	12.93	202	394886	23.481	ng	99
80) Butylbenzylphthalate	13.52	149	179537	24.804	ng	96
81) Benzo(a)anthracene	14.12	228	326869	25.038	ng	98
82) 3,3'-Dichlorobenzidine	14.07	252	121184	27.710	ng	98
83) Chrysene	14.16	228	324649	26.103	ng	97
84) Bis(2-ethylhexyl)phthalate	14.07	149	240080	26.737	ng	96
85) Di-n-octyl phthalate	14.69	149	390312	29.559	ng	99
86) Indeno(1,2,3-cd)pyrene	17.25	276	206956	23.189	ng	98
88) Benzo(b)fluoranthene	15.20	252	262714	25.845	ng	99
89) Benzo(k)fluoranthene	15.23	252	253919	25.280	ng	99
90) Benzo(a)pyrene	15.60	252	231166	25.030	ng	98
91) Dibenzo(a,h)anthracene	17.25	278	175003	22.391	ng	97
92) Benzo(g,h,i)perylene	17.73	276	164190	21.173	ng	97

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

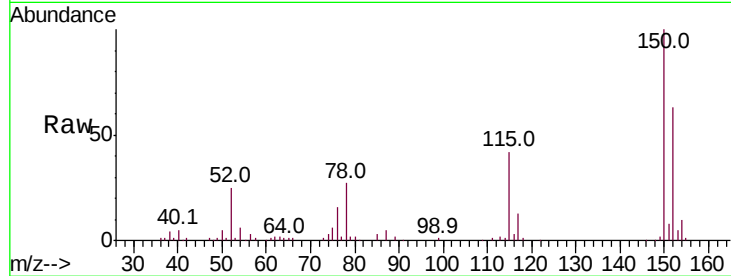


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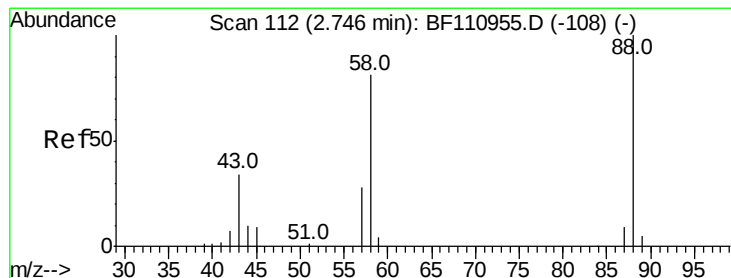
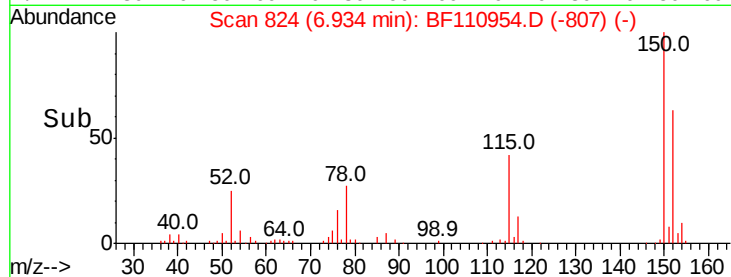
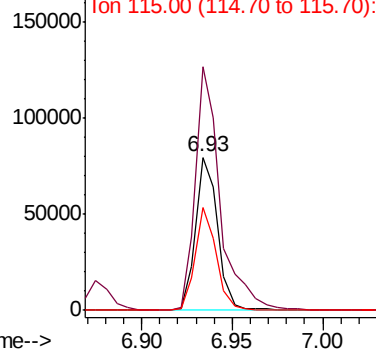
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67447
Ion Ratio Lower Upper
152 100
150 158.9 122.7 184.1
115 66.8 49.1 73.7



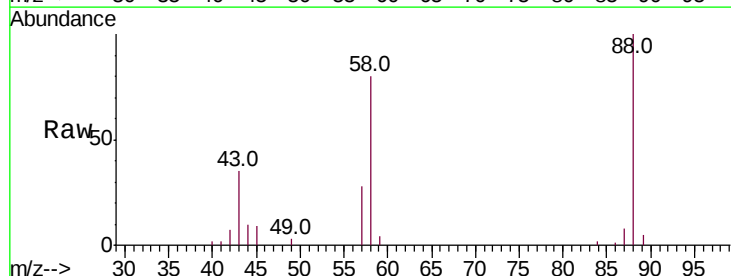
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



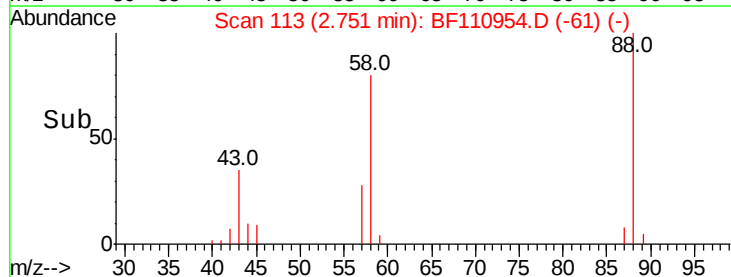
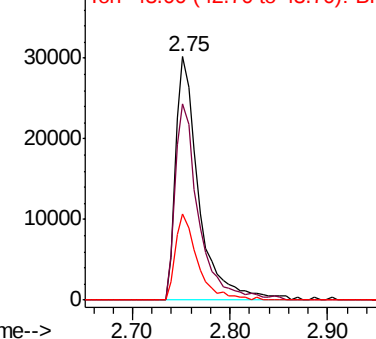
#2

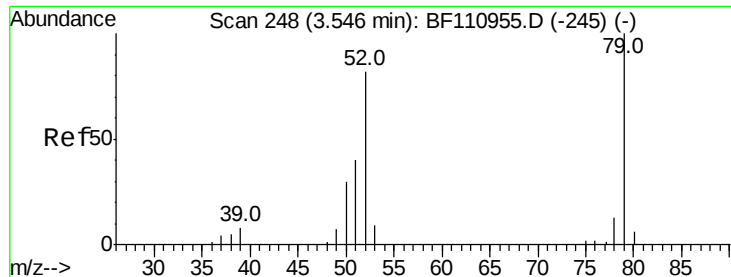
1,4-Dioxane
Concen: 24.076 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 88 Resp: 49812
Ion Ratio Lower Upper
88 100
58 80.8 57.1 85.7
43 33.8 24.1 36.1



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: 23.520 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.02 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampleId :

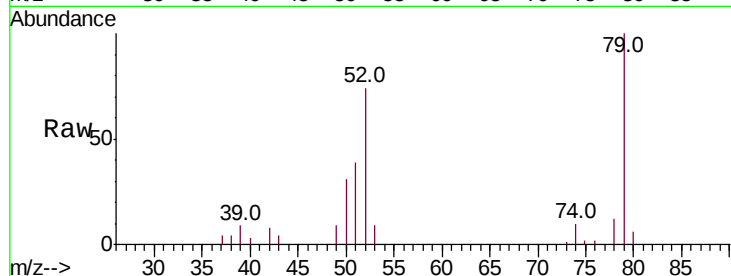
Tot Ion: 79 Resp: 105037

Ion Ratio Lower Upper

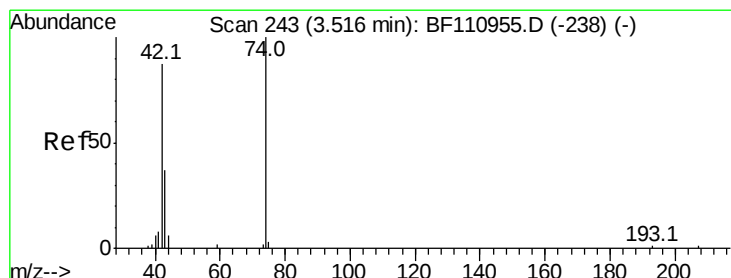
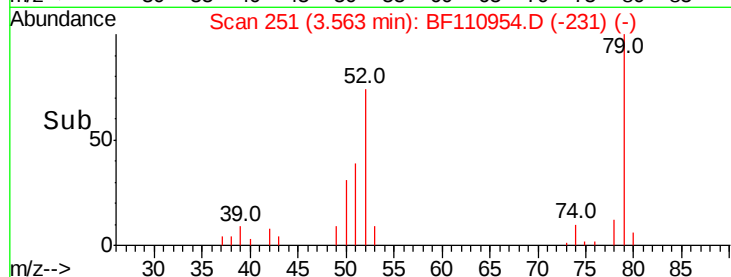
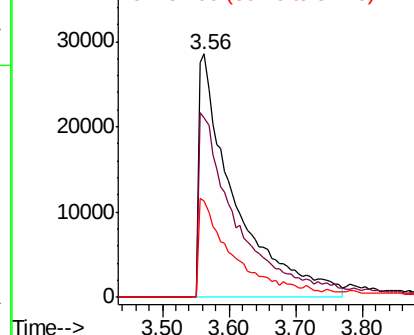
79 100

52 73.5 53.1 79.7

51 39.4 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 25.406 ng

RT: 3.51 min Scan# 242

Delta R.T. -0.01 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

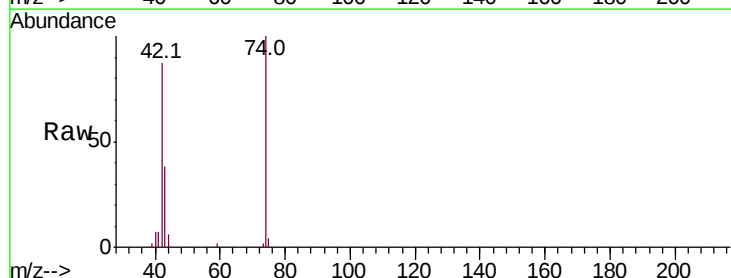
Tgt Ion: 42 Resp: 48682

Ion Ratio Lower Upper

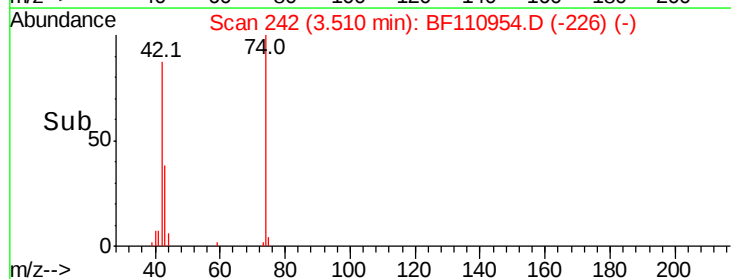
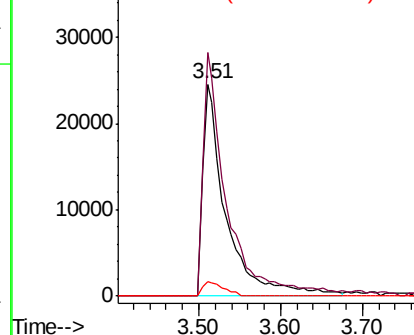
42 100

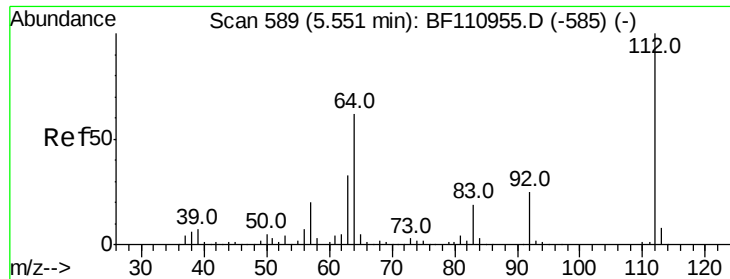
74 114.7 105.5 158.3

44 6.7 4.9 7.3



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





#5

2-Fluorophenol

Concen: 50.987 ng

RT: 5.55 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampled :

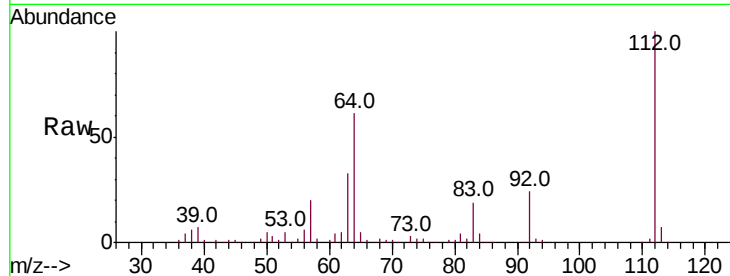
Tot Ion:112 Resp: 211716

Ion Ratio Lower Upper

112 100

64 61.1 44.1 66.1

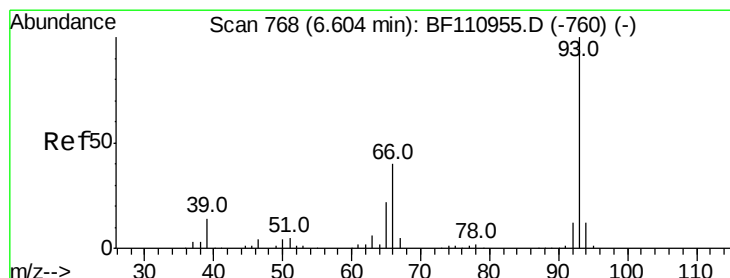
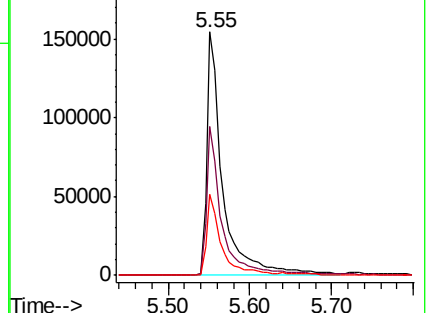
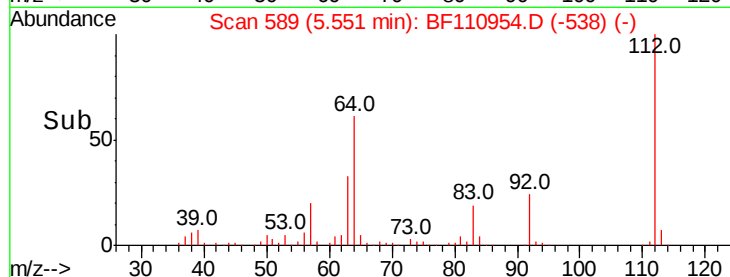
63 33.1 23.7 35.5



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: 24.502 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

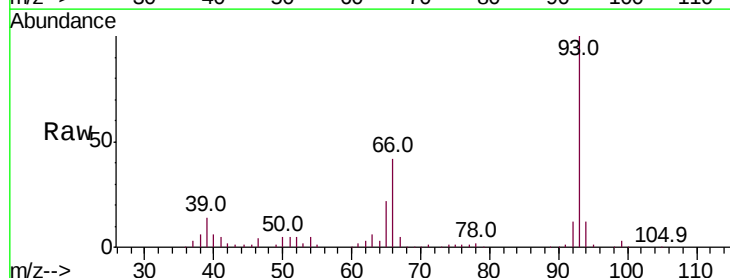
Tgt Ion: 93 Resp: 169667

Ion Ratio Lower Upper

93 100

66 41.5 67.4 101.0#

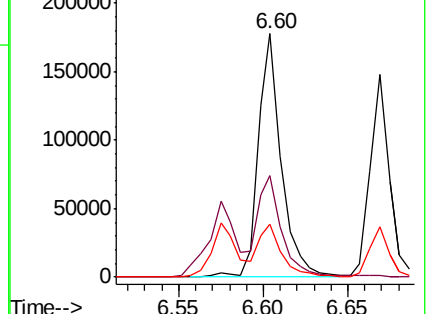
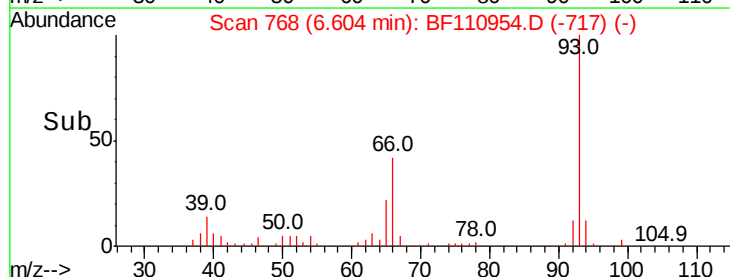
65 21.7 41.0 61.4#

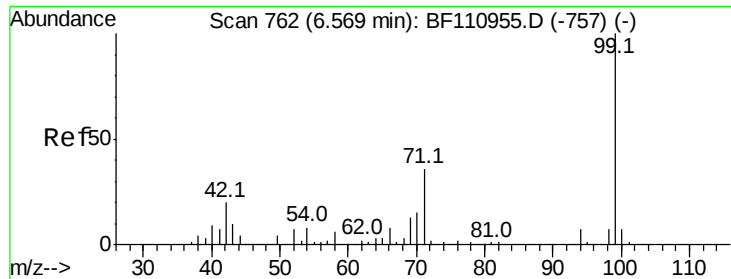


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 50.767 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampleId :

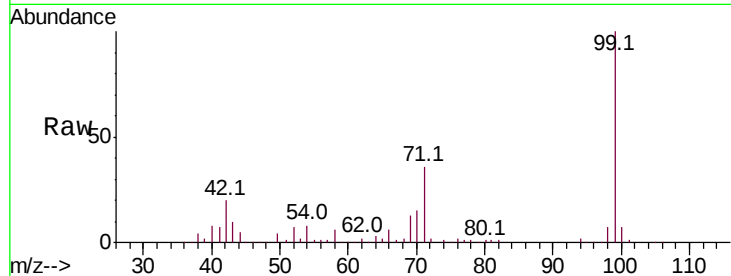
Tot Ion: 99 Resp: 269562

Ion Ratio Lower Upper

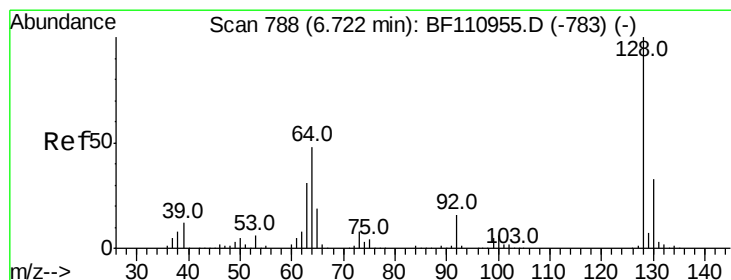
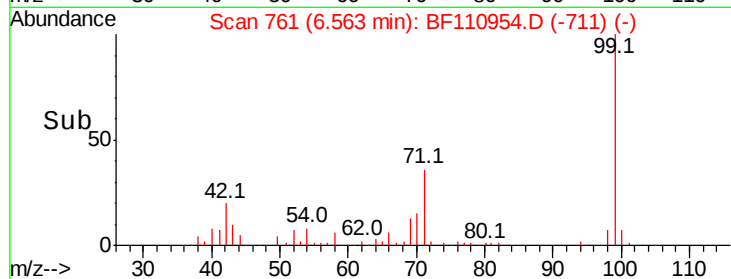
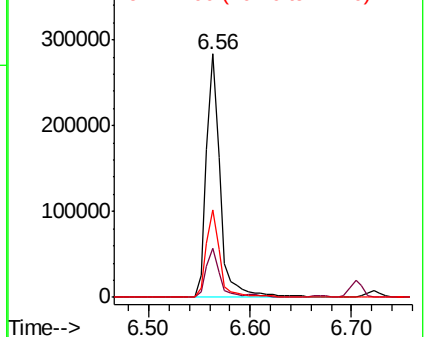
99 100

42 20.4 15.8 23.6

71 35.8 28.0 42.0



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: 25.966 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

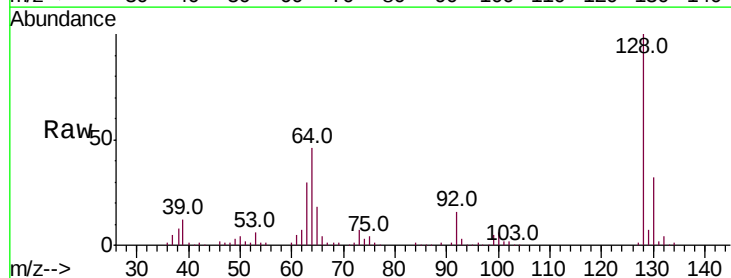
Tgt Ion:128 Resp: 126397

Ion Ratio Lower Upper

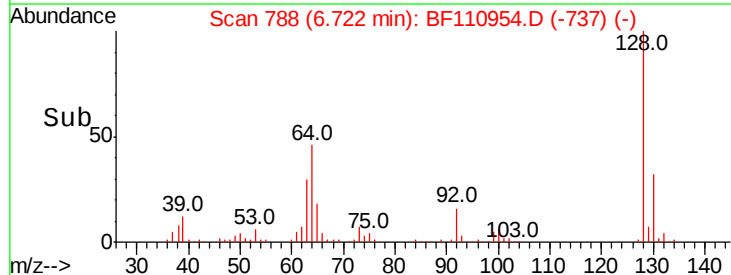
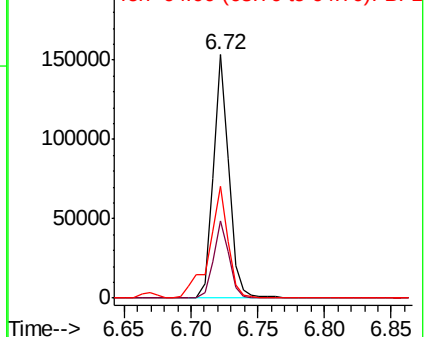
128 100

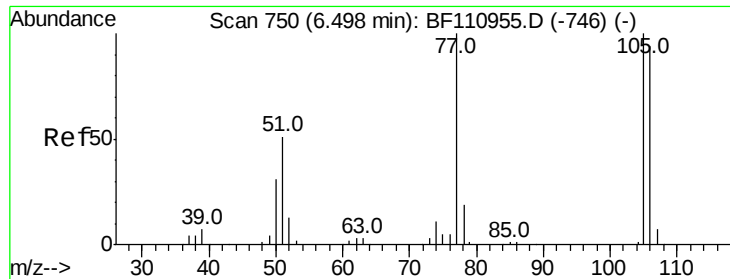
130 32.0 13.1 53.1

64 46.1 26.0 66.0



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: 26.740 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampleId :

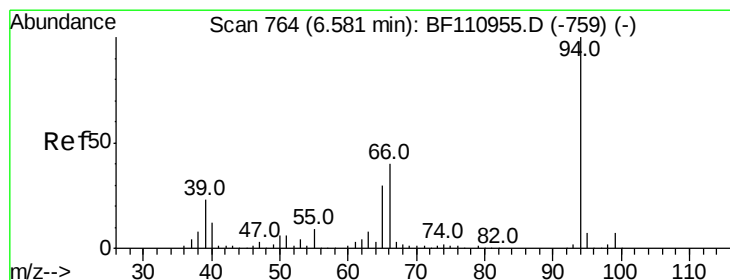
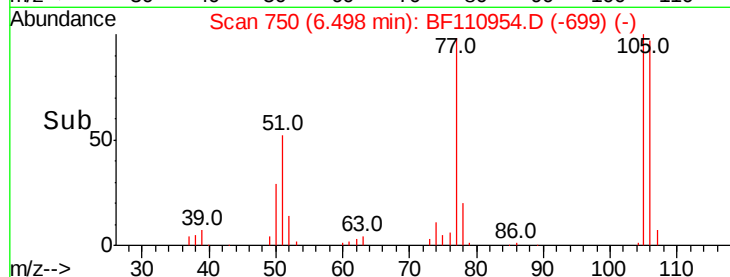
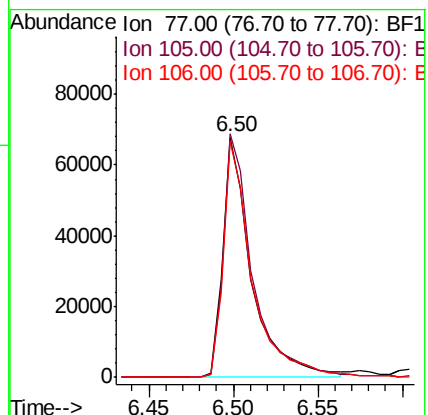
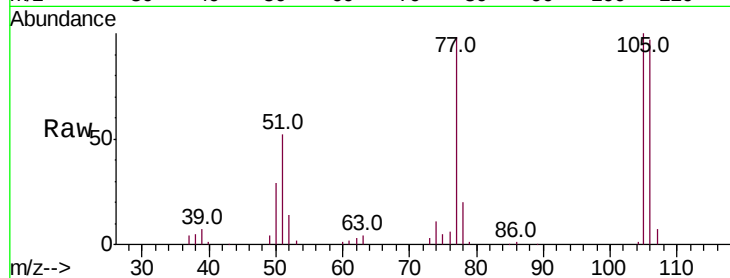
Tot Ion: 77 Resp: 80566

Ion Ratio Lower Upper

77 100

105 101.5 78.6 118.6

106 98.7 74.8 114.8



#10

Phenol

Concen: 25.051 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

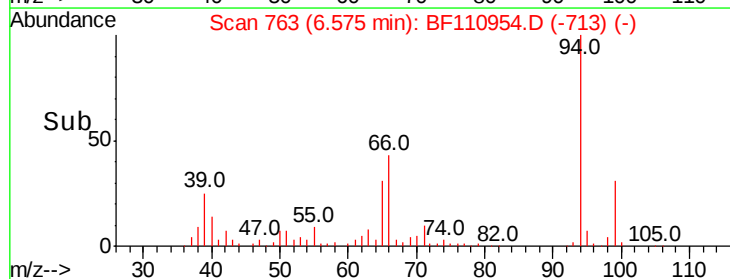
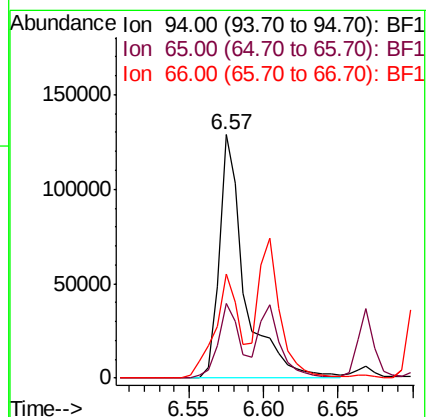
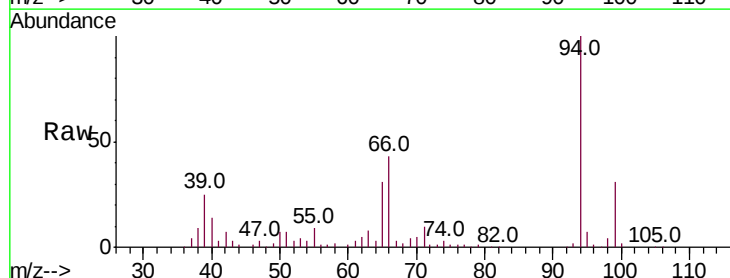
Tgt Ion: 94 Resp: 154237

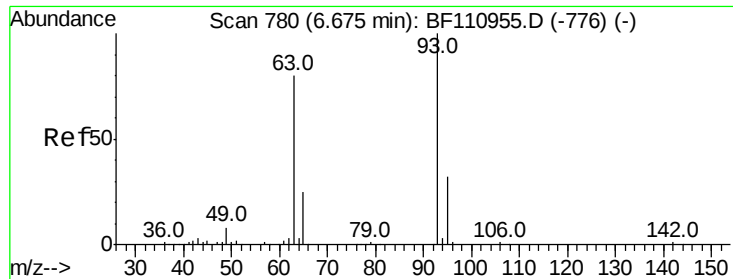
Ion Ratio Lower Upper

94 100

65 30.6 25.3 65.3

66 43.0 54.5 94.5#

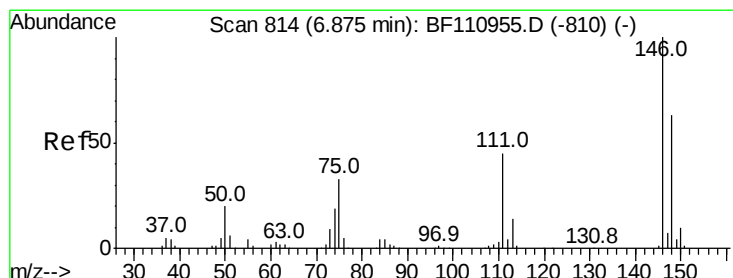
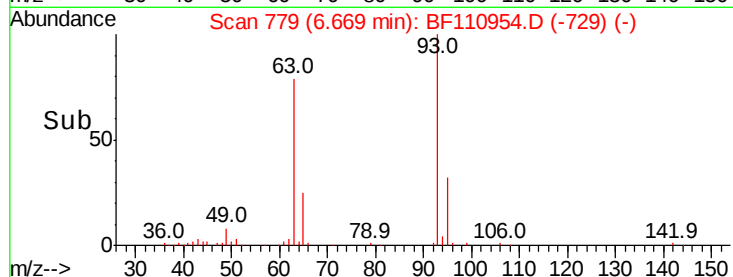
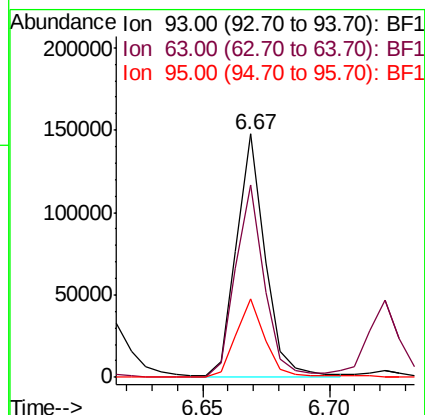
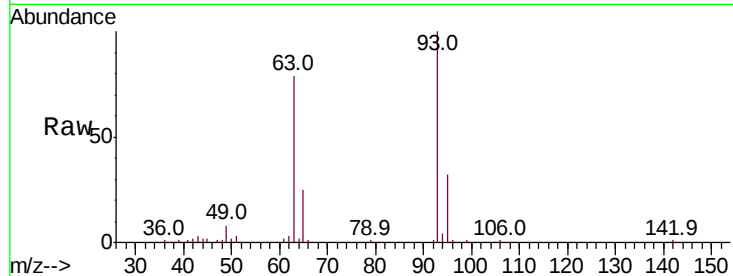




#11
bis(2-Chloroethyl)ether
Concen: 25.460 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

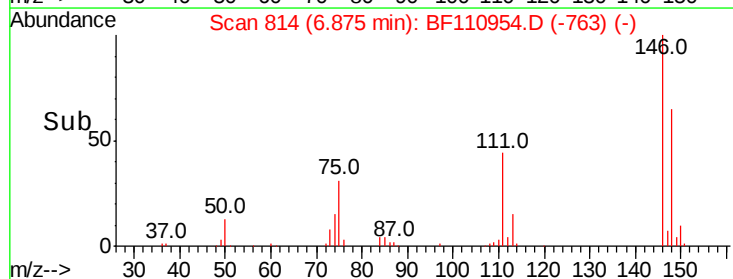
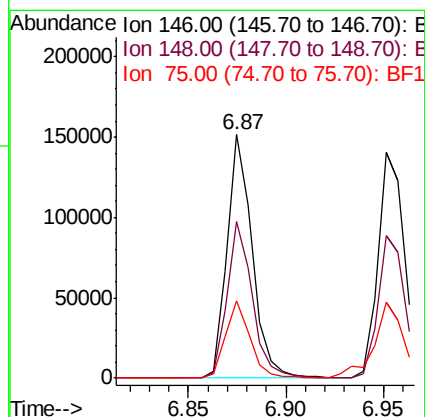
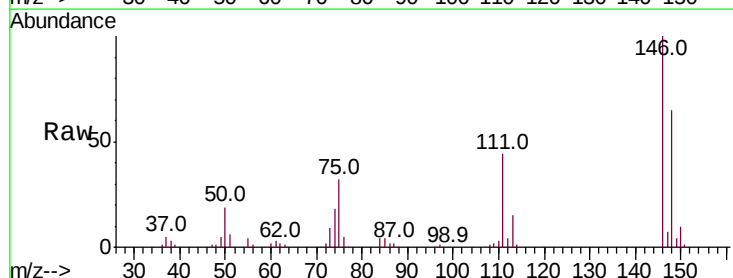
Instrument :
BNA_F
ClientSampleId :

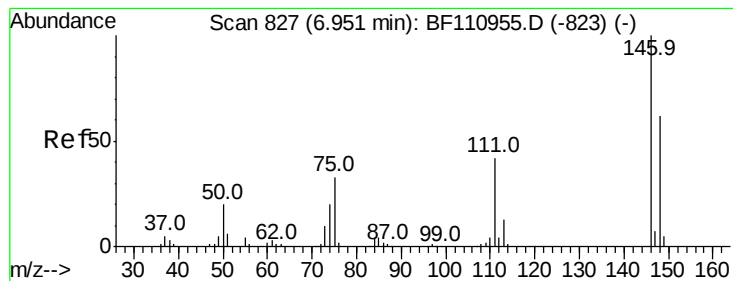
Tot Ion: 93 Resp: 117480
Ion Ratio Lower Upper
93 100
63 79.3 53.4 93.4
95 32.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 25.549 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 146 Resp: 136074
Ion Ratio Lower Upper
146 100
148 64.5 50.4 75.6
75 31.9 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 25.988 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampleId :

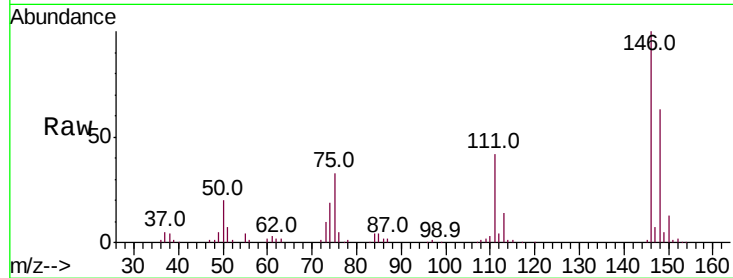
Tot Ion:146 Resp: 140555

Ion Ratio Lower Upper

146 100

148 63.2 50.3 75.5

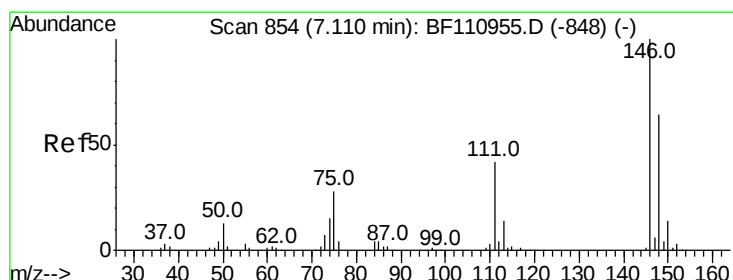
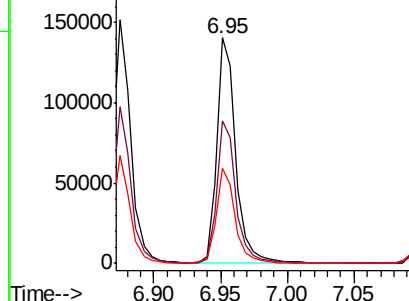
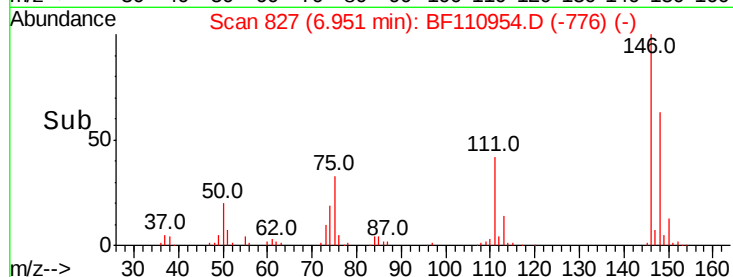
111 42.0 32.7 49.1



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: 26.092 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

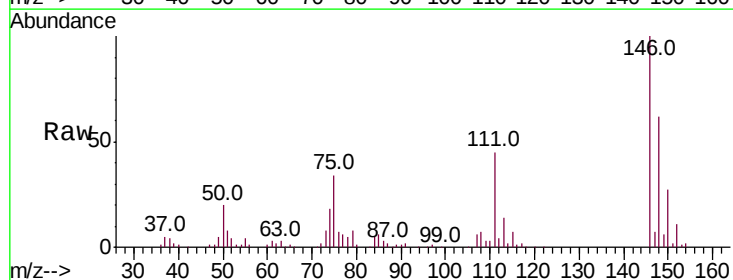
Tgt Ion:146 Resp: 131278

Ion Ratio Lower Upper

146 100

148 62.5 51.1 76.7

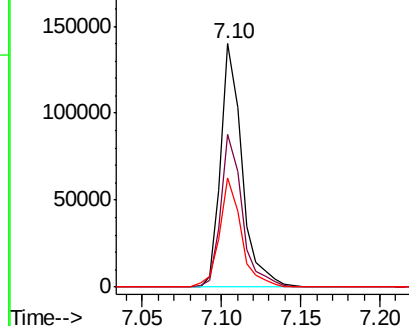
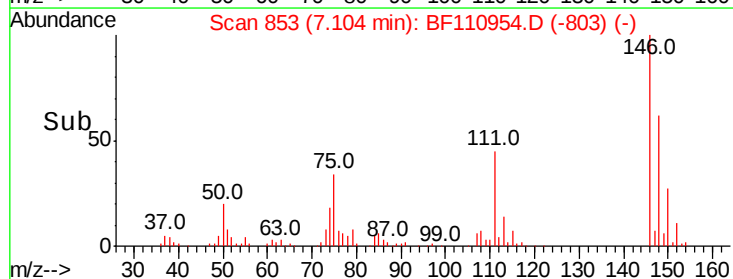
111 45.1 35.8 53.6

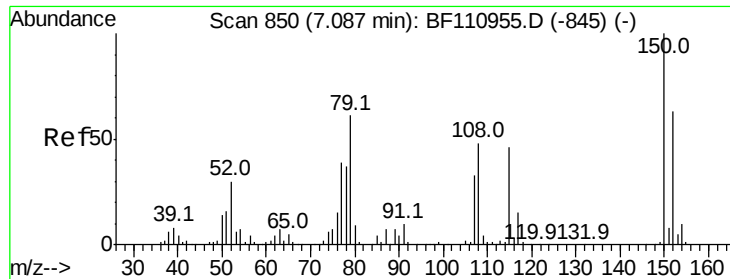


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

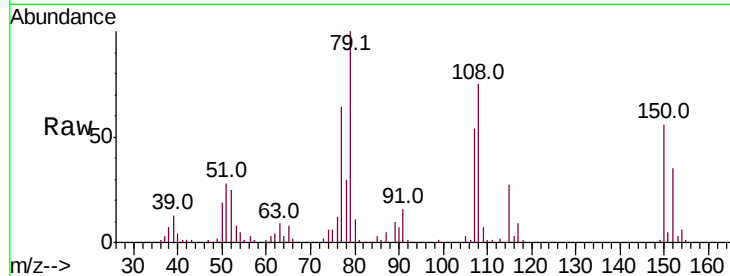




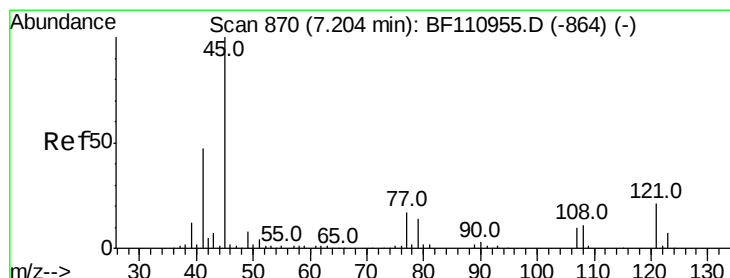
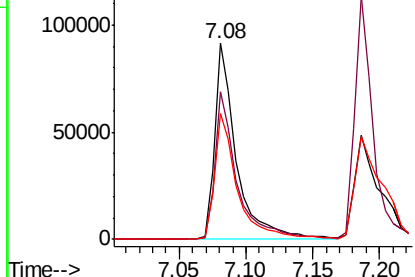
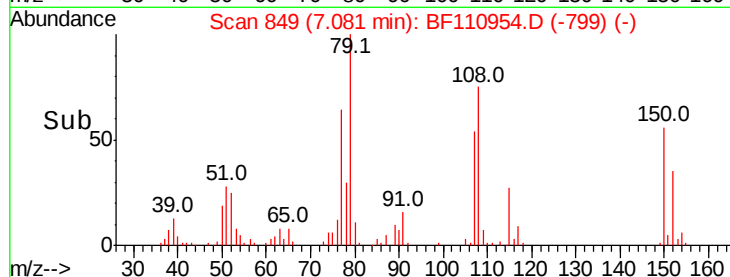
#15
Benzyl Alcohol
Concen: 25.296 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 105112
Ion Ratio Lower Upper
79 100
108 75.2 56.3 84.5
77 64.1 52.9 79.3

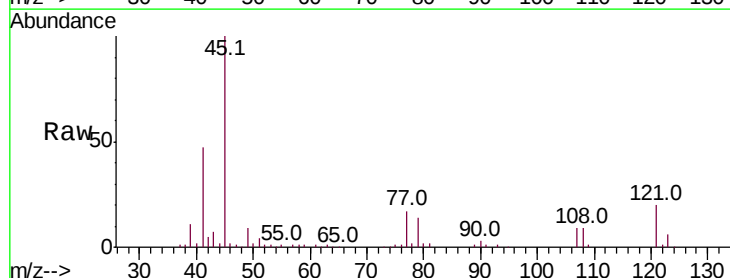


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

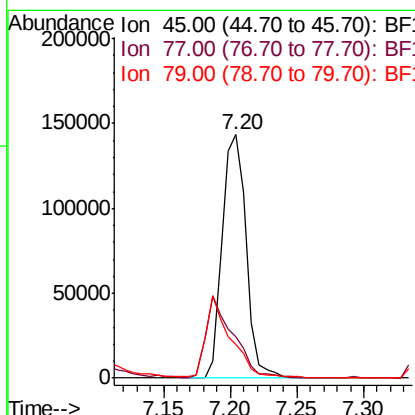
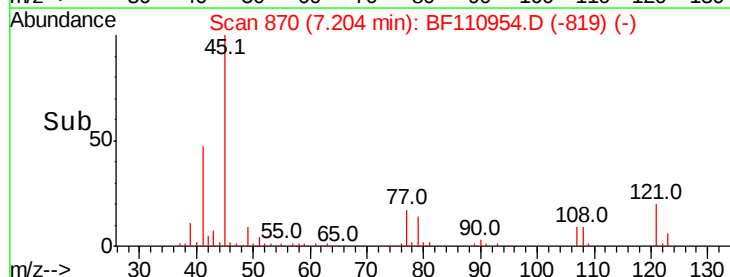


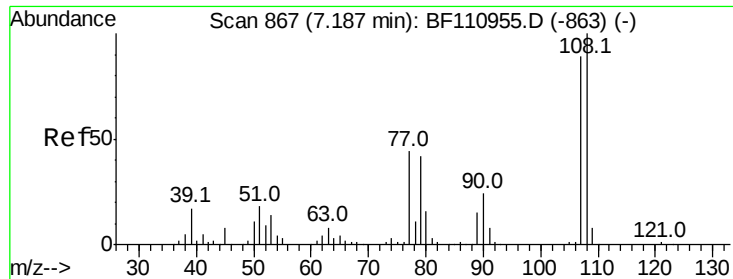
#16
2,2'-oxybis(1-chloropropane)
Concen: 25.246 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 45 Resp: 182938
Ion Ratio Lower Upper
45 100
77 16.8 10.0 50.0
79 13.9 6.1 46.1



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

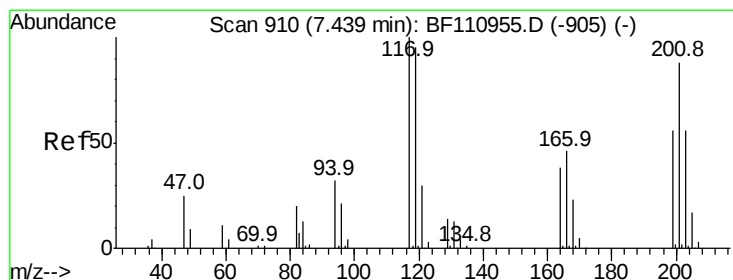
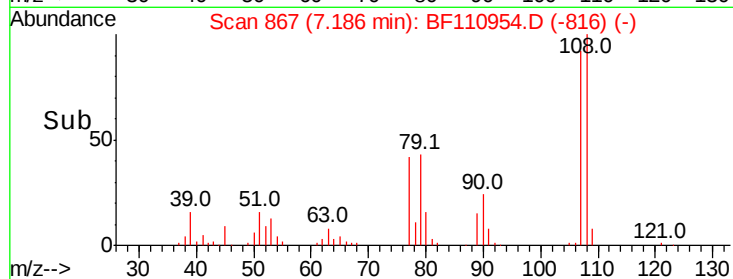
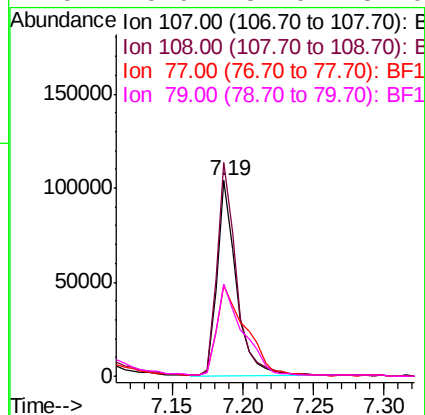
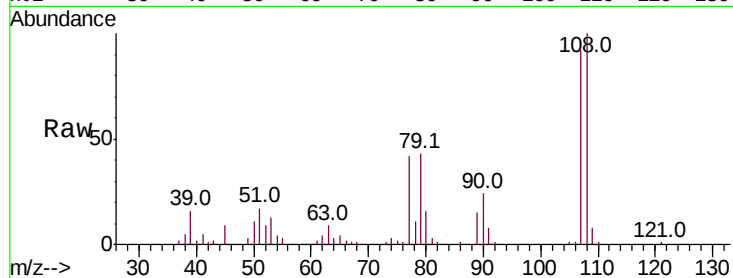




#17
2-Methylphenol
Concen: 25.435 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

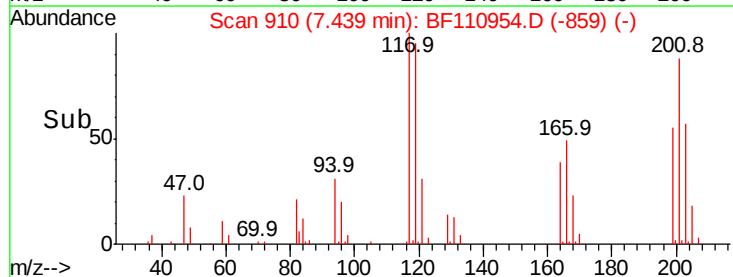
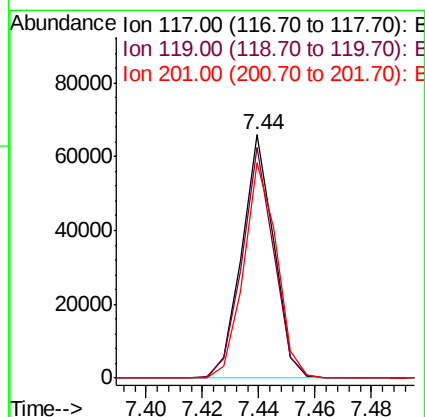
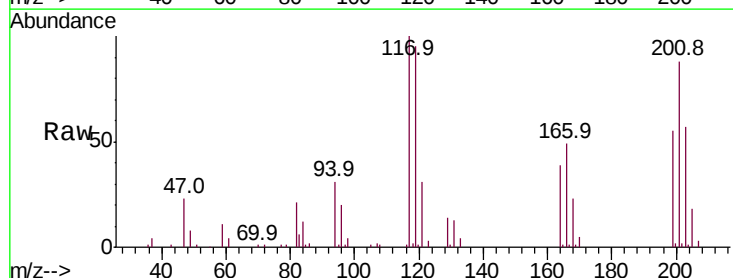
Instrument :
BNA_F
ClientSampleId :

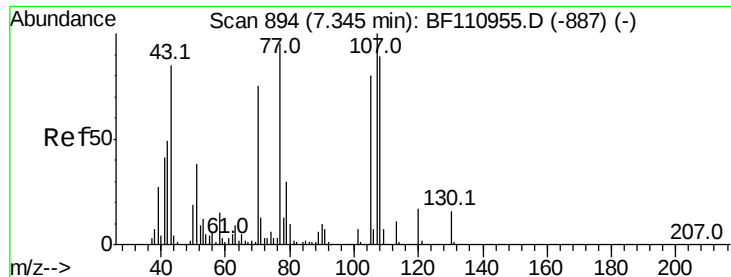
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.2	92.6	138.8
77	46.4	59.4	89.2#
79	46.9	54.0	81.0#



#18
Hexachloroethane
Concen: 25.952 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.0	112.6
201	88.4	79.2	118.8

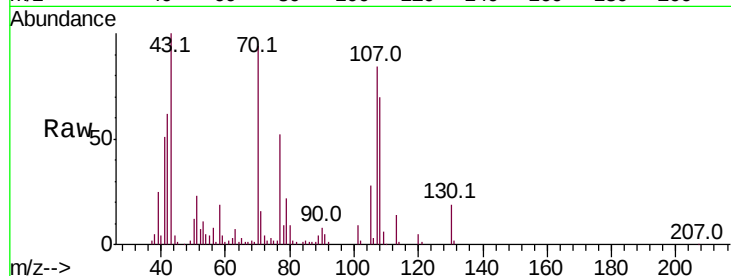




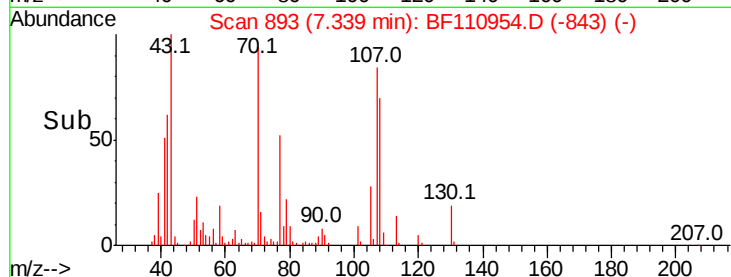
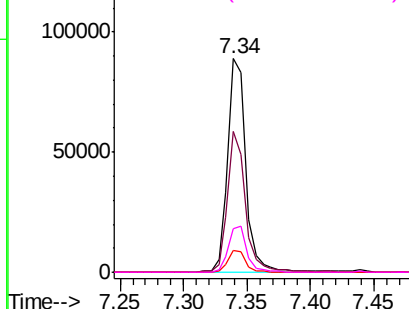
#19
n-Nitroso-di-n-propylamine
Concen: 26.173 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 88713
Ion Ratio Lower Upper
70 100
42 66.2 47.4 71.2
101 10.0 7.3 10.9
130 20.5 16.2 24.2

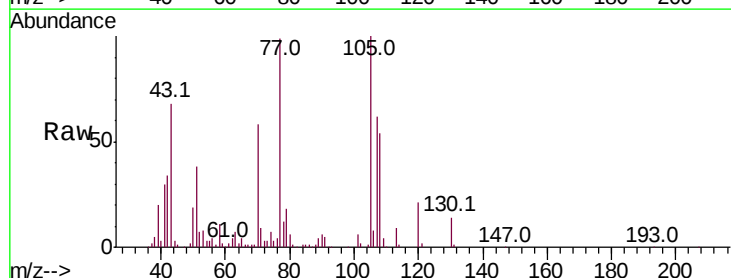
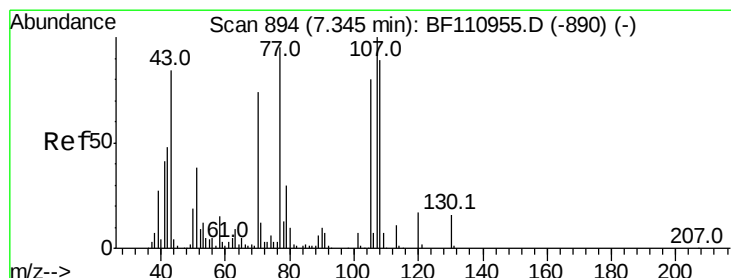


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

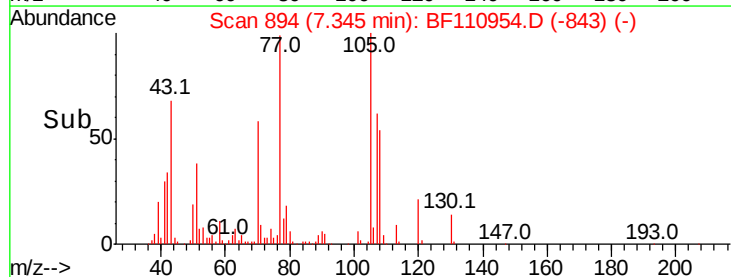
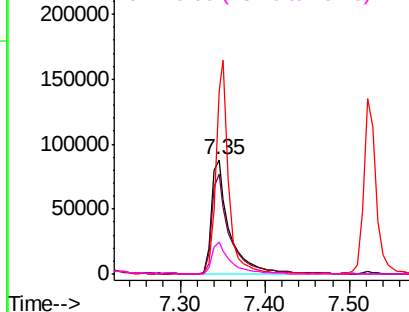


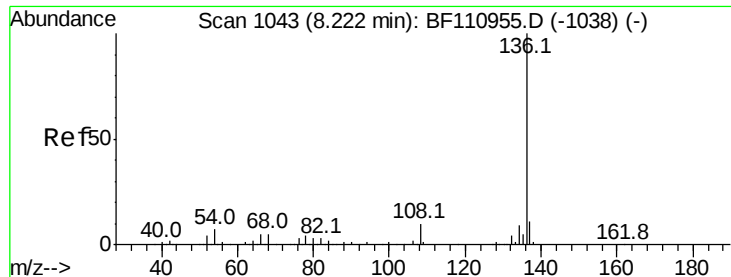
#20
3+4-Methylphenols
Concen: 26.706 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion:107 Resp: 132810
Ion Ratio Lower Upper
107 100
108 87.4 71.4 111.4
77 160.8 47.3 87.3#
79 28.4 10.9 50.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

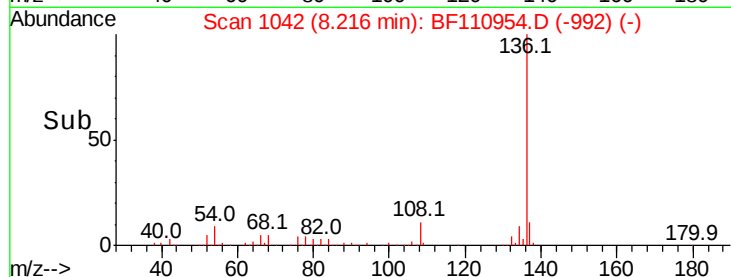
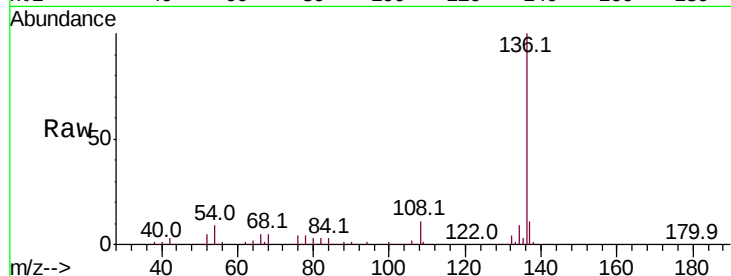
BNA_F

ClientSampled :

Tot Ion:136 Resp: 292583

Ion Ratio Lower Upper

136	100		
137	11.1	8.8	13.2
54	8.7	5.4	8.2#
68	5.1	4.2	6.2



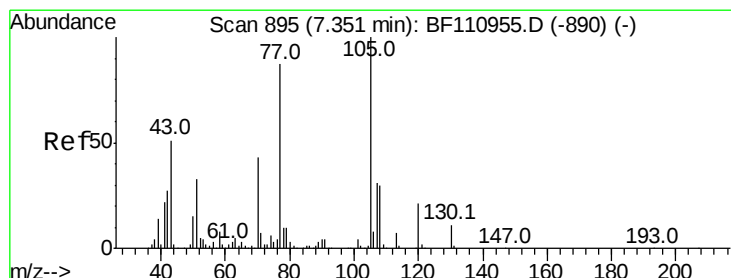
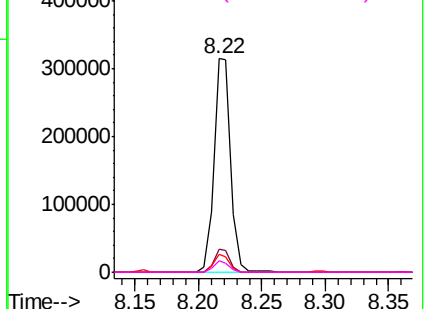
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 25.900 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

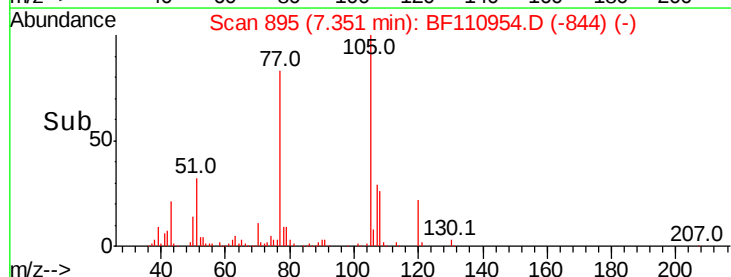
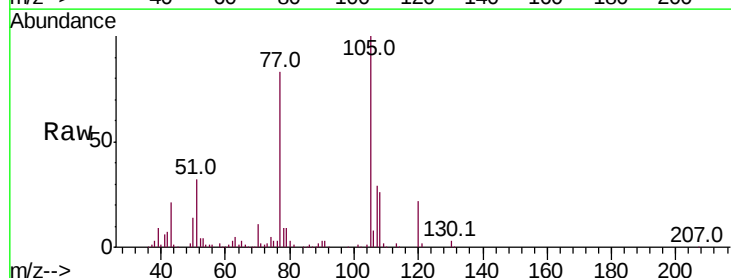
Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Tgt Ion:105 Resp: 176609

Ion Ratio Lower Upper

105	100		
71	1.7	5.2	7.8#
51	31.5	21.8	32.8
120	21.7	17.0	25.4



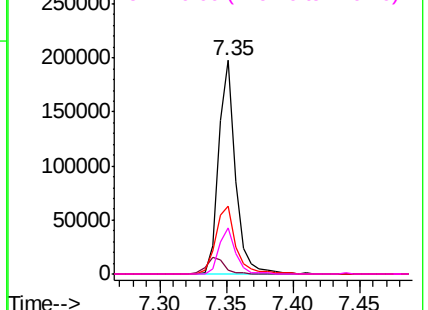
Abundance

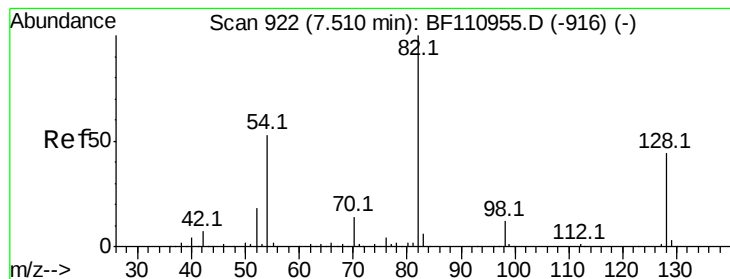
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 51.229 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampled :

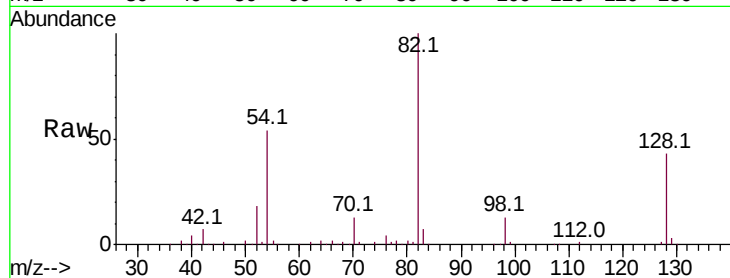
Tot Ion: 82 Resp: 260270

Ion Ratio Lower Upper

82 100

128 42.9 34.2 51.2

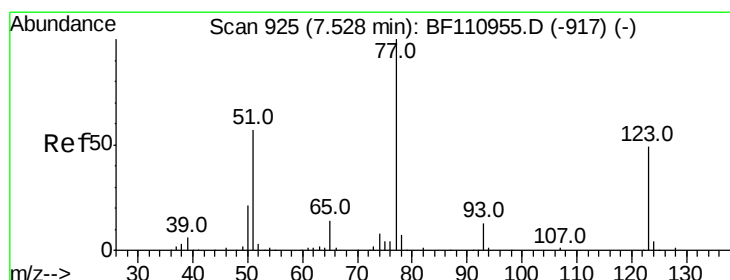
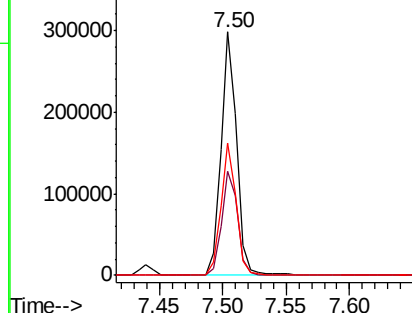
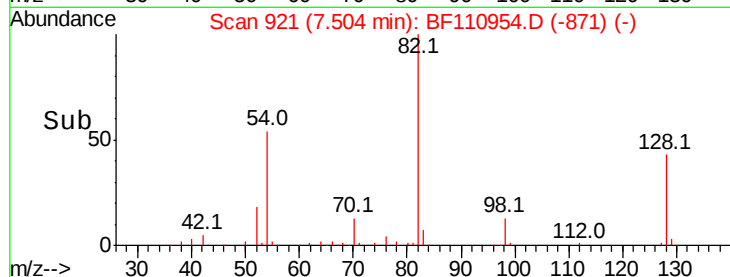
54 54.1 38.6 58.0



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: 25.731 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

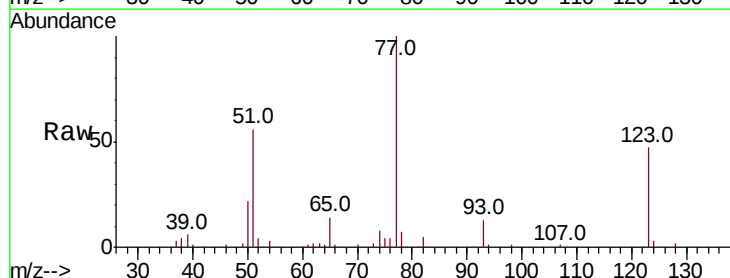
Tgt Ion: 77 Resp: 133939

Ion Ratio Lower Upper

77 100

123 46.7 35.7 53.5

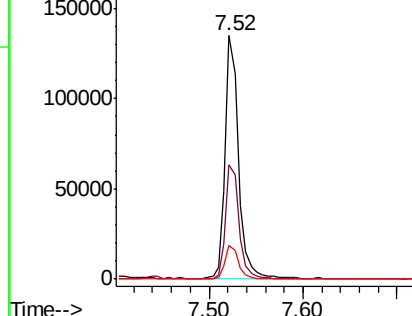
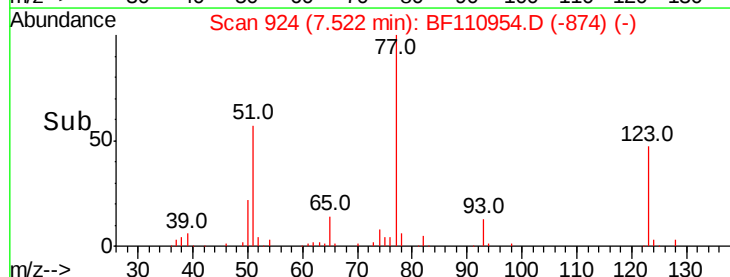
65 14.0 10.7 16.1

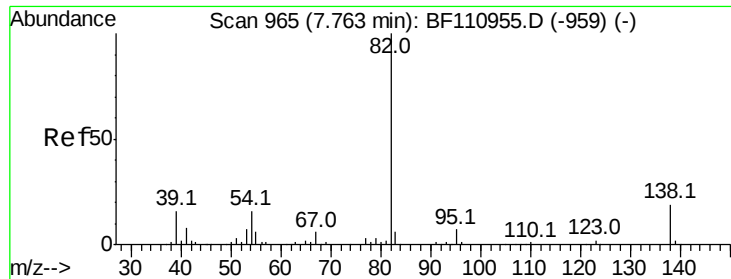


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

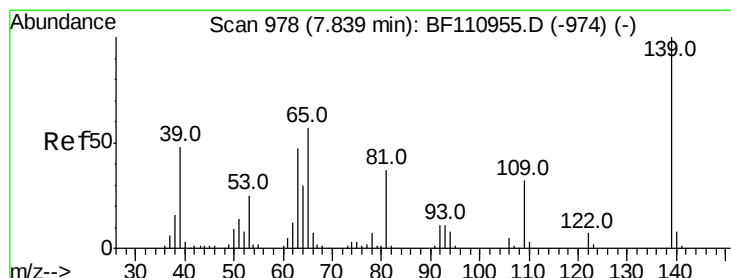
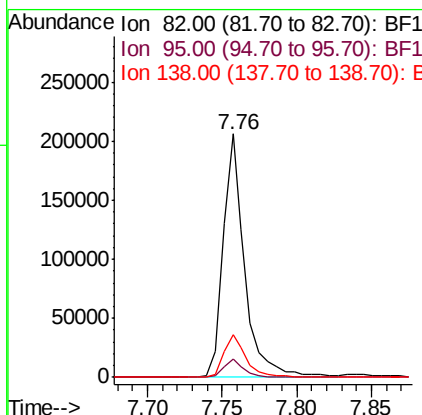
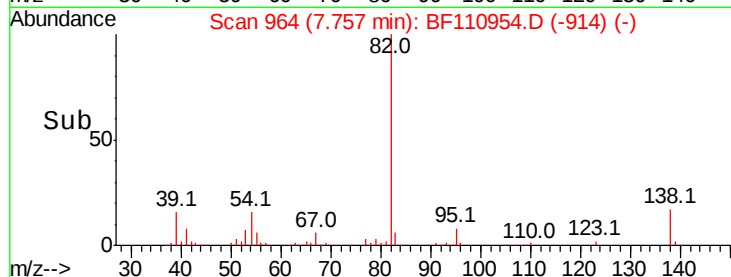
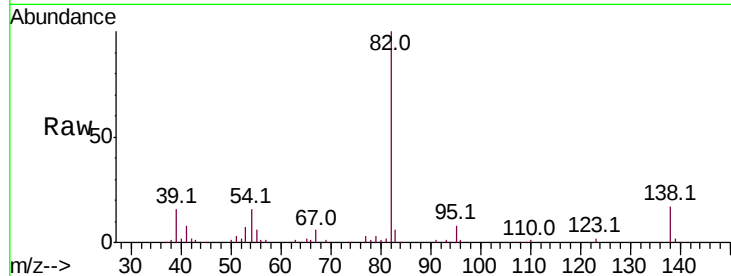




#25
Isophorone
Concen: 25.168 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

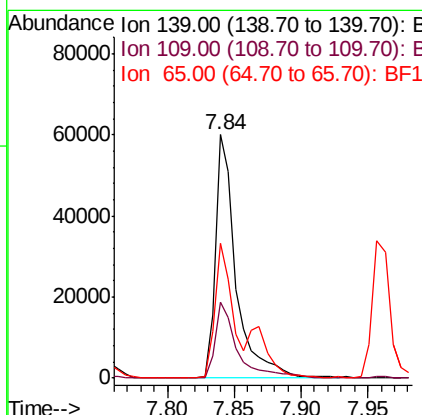
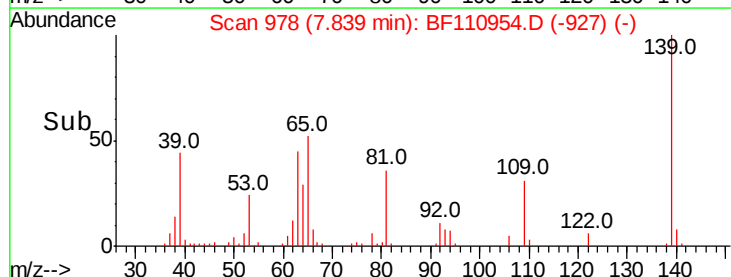
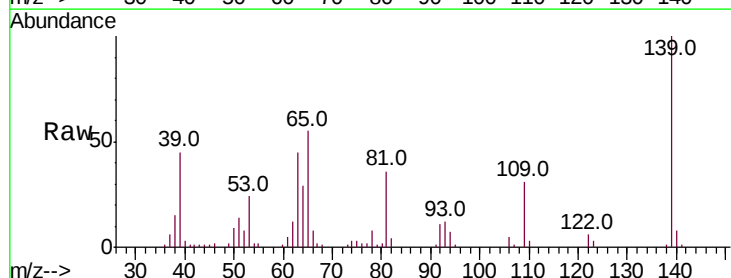
Instrument :
BNA_F
ClientSampleId :

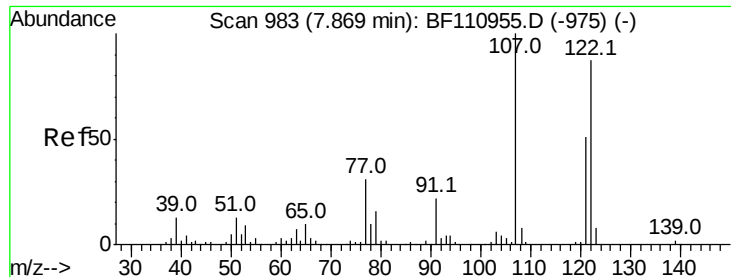
Tot Ion: 82 Resp: 209576
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 17.3 13.2 19.8



#26
2-Nitrophenol
Concen: 25.222 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 139 Resp: 65495
Ion Ratio Lower Upper
139 100
109 31.4 25.0 37.6
65 55.1 44.0 66.0

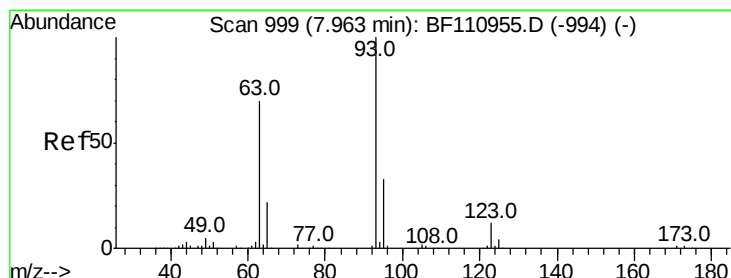
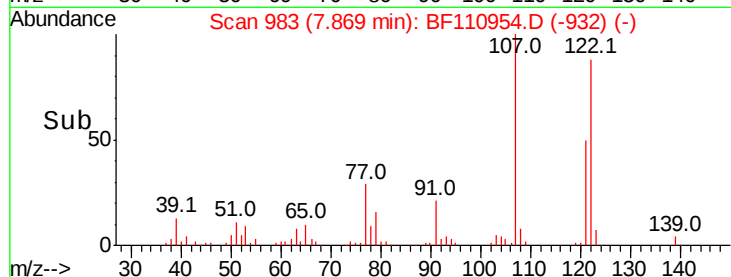
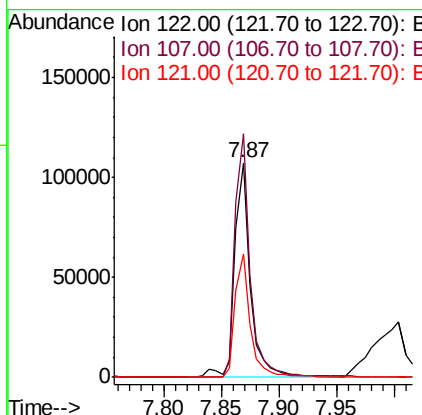
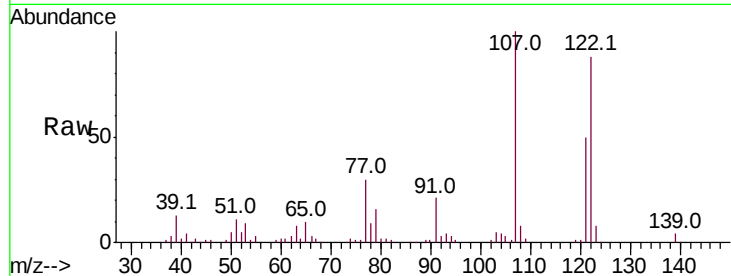




#27
2,4-Dimethylphenol
Concen: 25.658 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

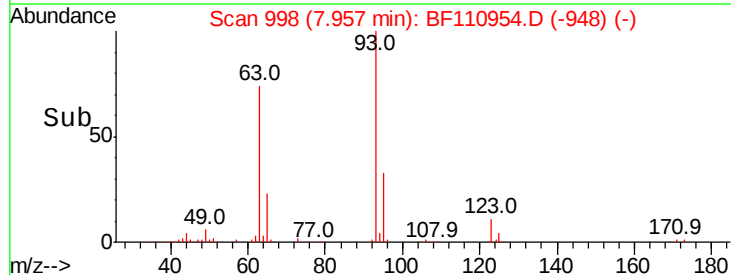
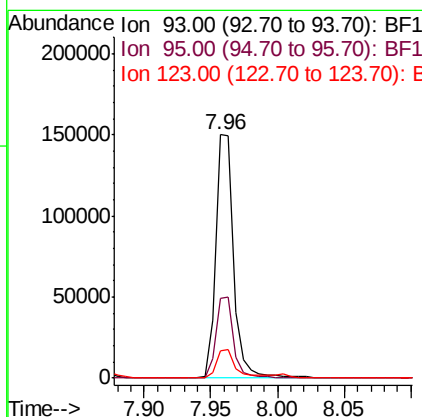
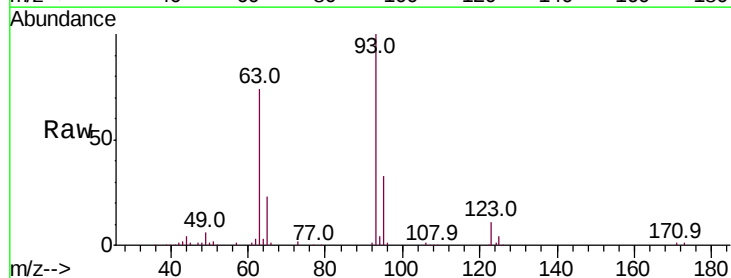
Instrument :
BNA_F
ClientSampleId :

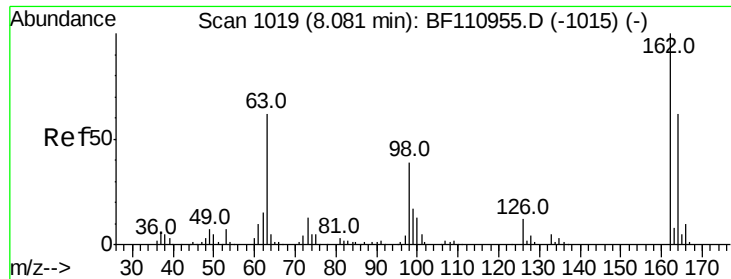
Tot Ion:122 Resp: 101471
Ion Ratio Lower Upper
122 100
107 113.4 92.5 138.7
121 57.1 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 25.278 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion: 93 Resp: 142519
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 11.1 9.0 13.6

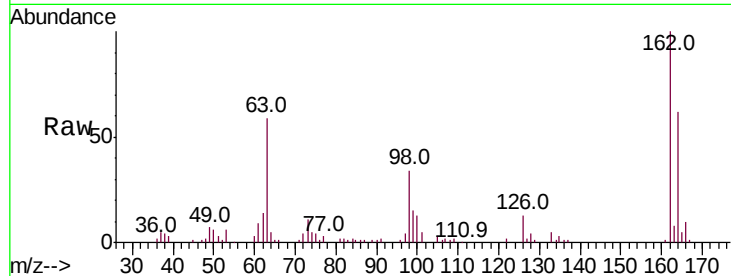




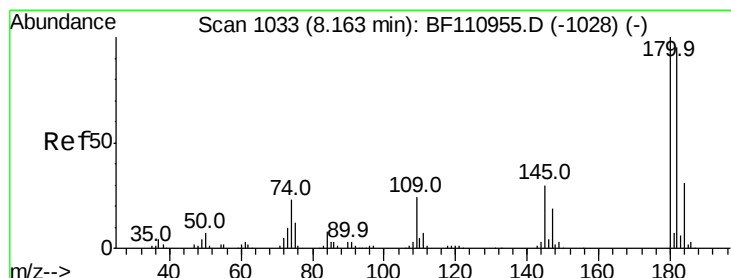
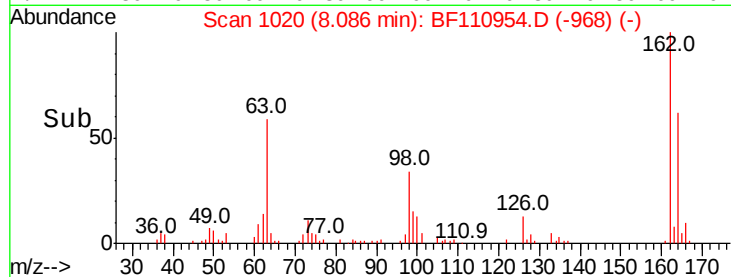
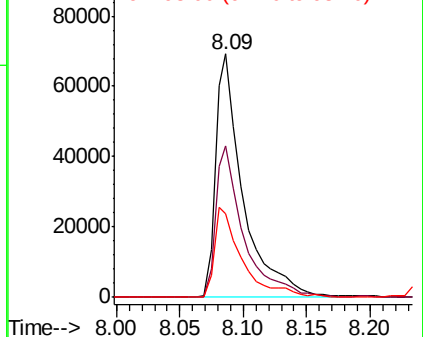
#29
 2,4-Dichlorophenol
 Concen: 25.762 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 104834
 Ion Ratio Lower Upper
 162 100
 164 62.2 44.6 84.6
 98 34.3 17.4 57.4

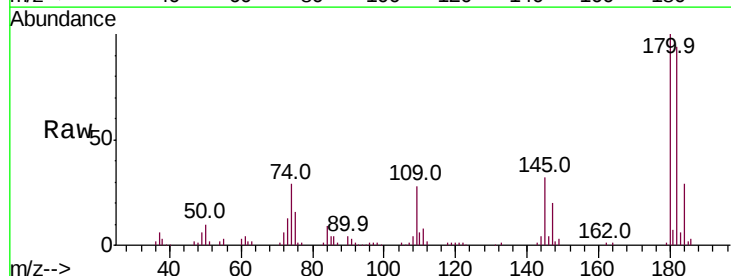


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

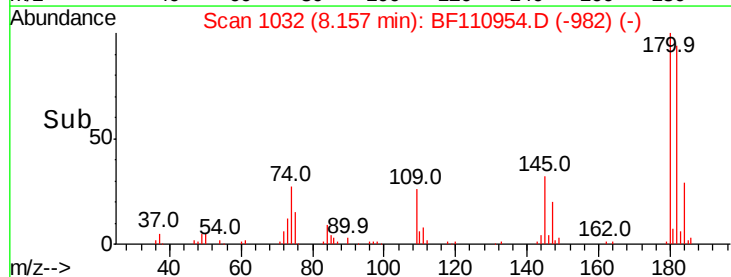
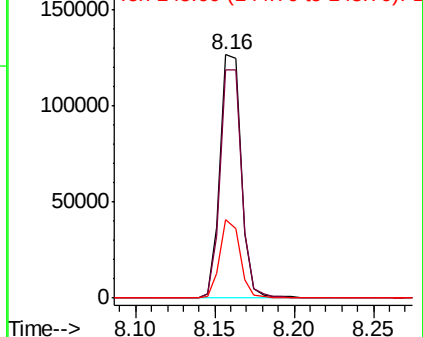


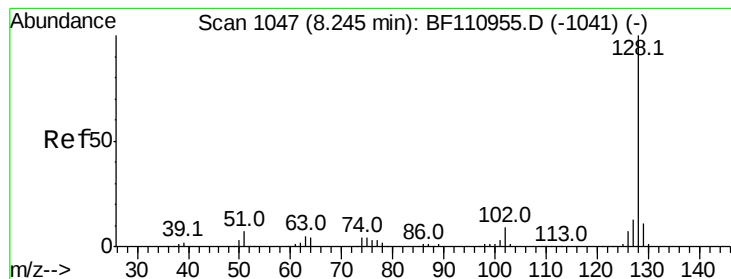
#30
 1,2,4-Trichlorobenzene
 Concen: 25.717 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Tgt Ion:180 Resp: 117993
 Ion Ratio Lower Upper
 180 100
 182 93.6 80.3 120.5
 145 32.3 25.4 38.0



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: 25.467 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampleId :

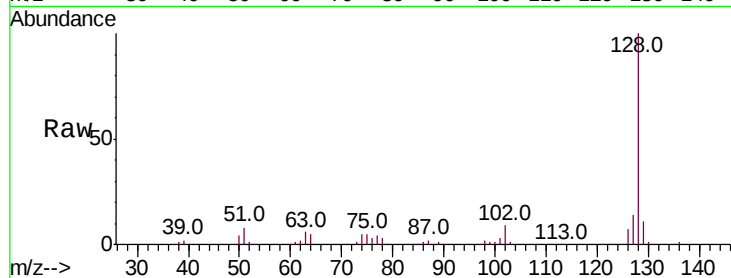
Tot Ion:128 Resp: 349794

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

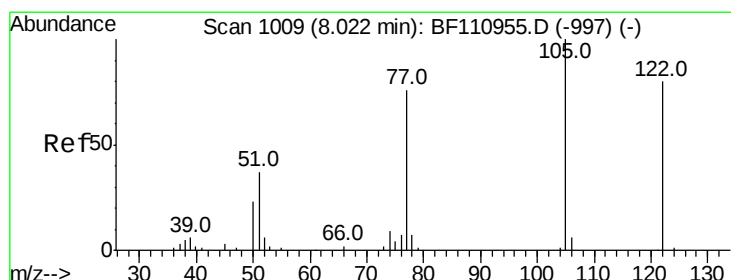
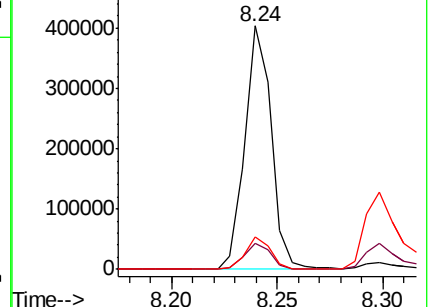
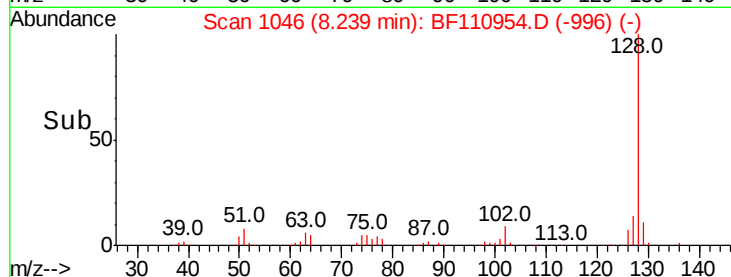
127 13.5 10.8 16.2



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: 23.829 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

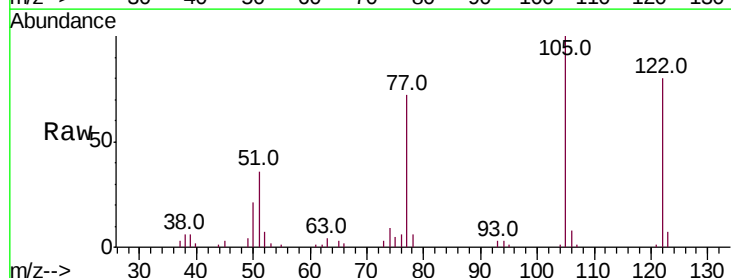
Tgt Ion:122 Resp: 66677

Ion Ratio Lower Upper

122 100

105 124.5 109.0 149.0

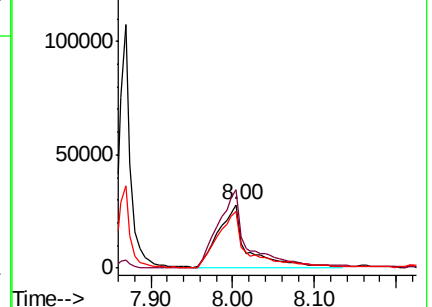
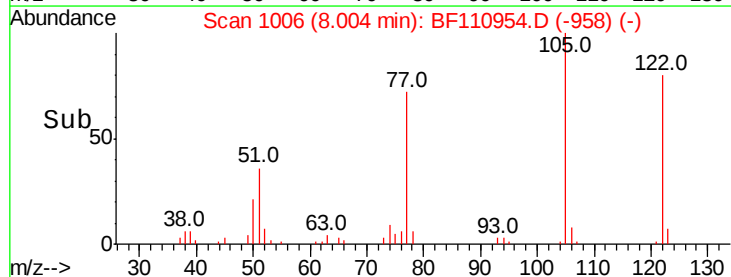
77 90.2 79.0 119.0

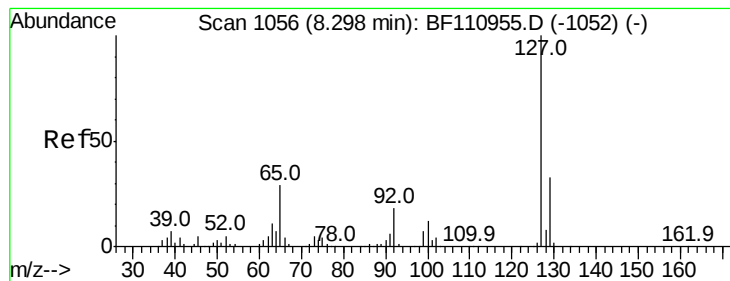


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 24.739 ng

RT: 8.30 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 153915

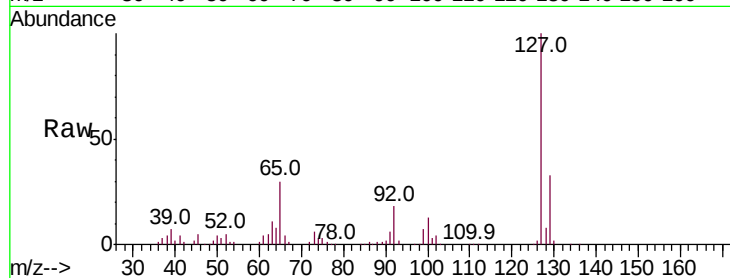
Ion Ratio Lower Upper

127 100

129 33.3 26.0 39.0

65 29.9 25.1 37.7

92 18.4 15.0 22.6

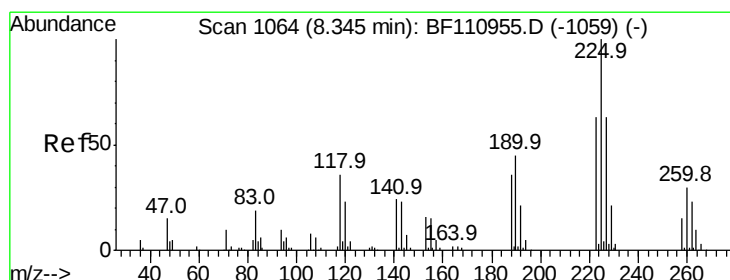
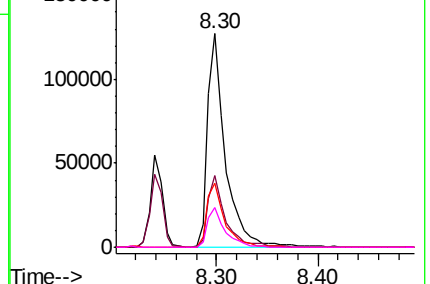
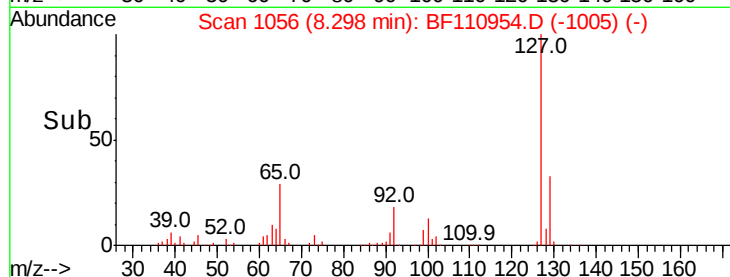


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 25.504 ng

RT: 8.35 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

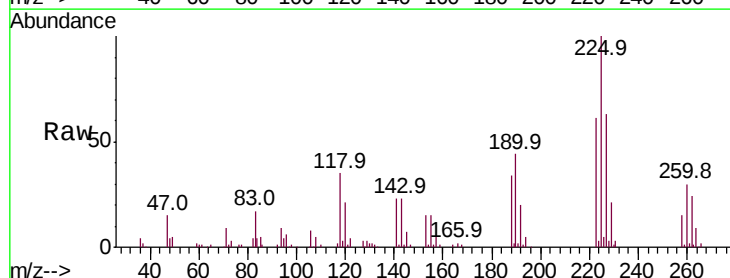
Tgt Ion:225 Resp: 66837

Ion Ratio Lower Upper

225 100

223 61.1 51.4 77.2

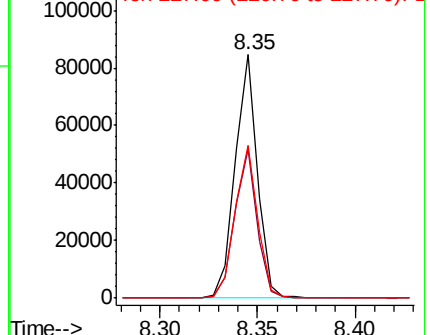
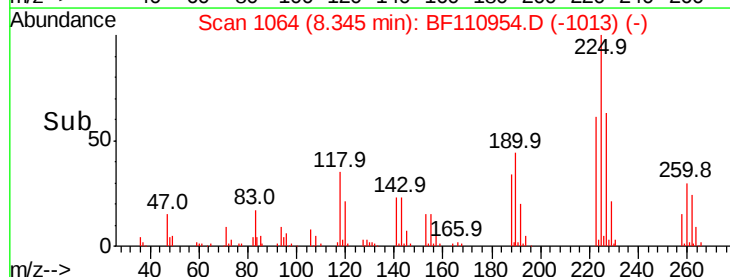
227 62.8 51.0 76.6

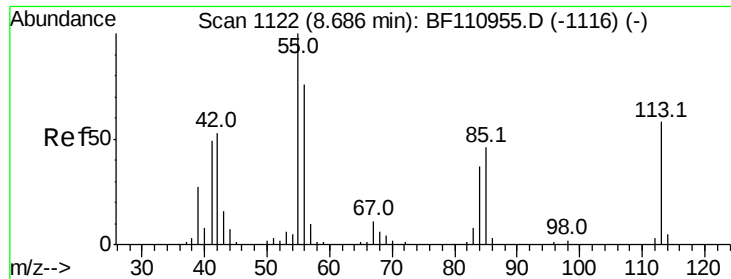


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

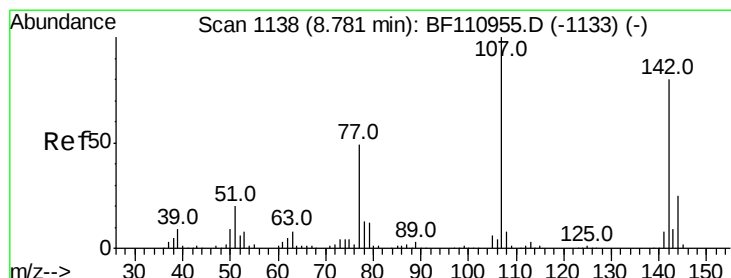
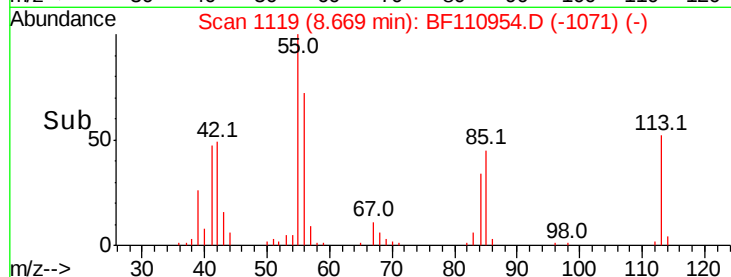
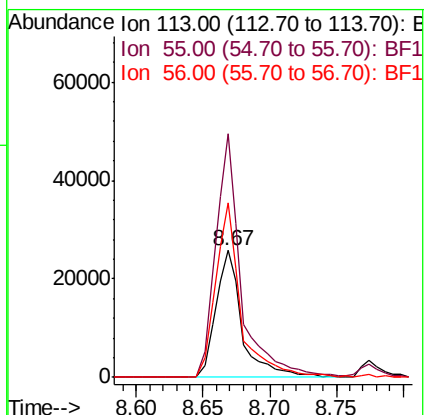
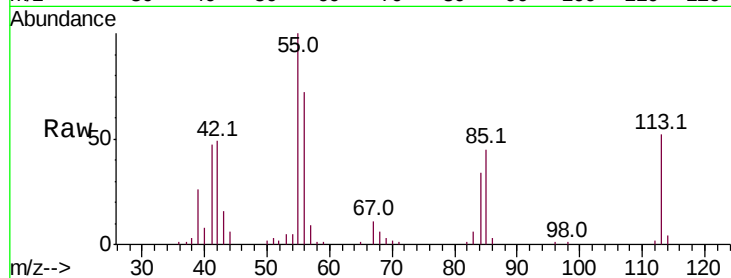




#35
 Caprolactam
 Concen: 26.235 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

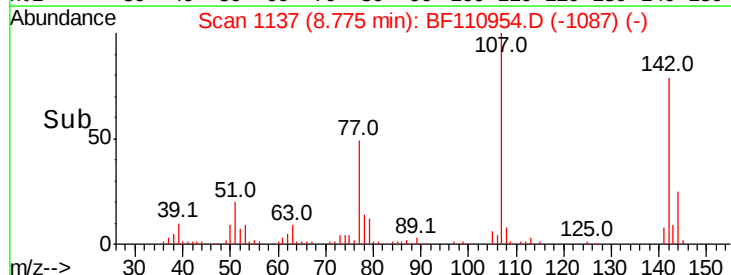
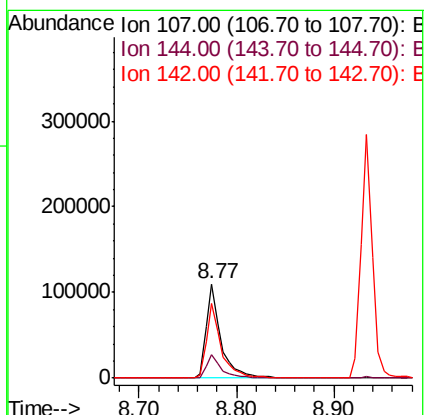
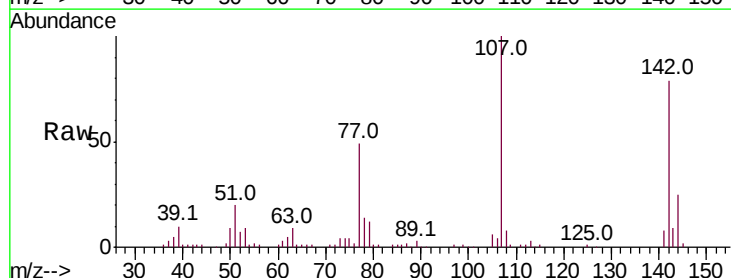
Instrument :
 BNA_F
 ClientSampled :

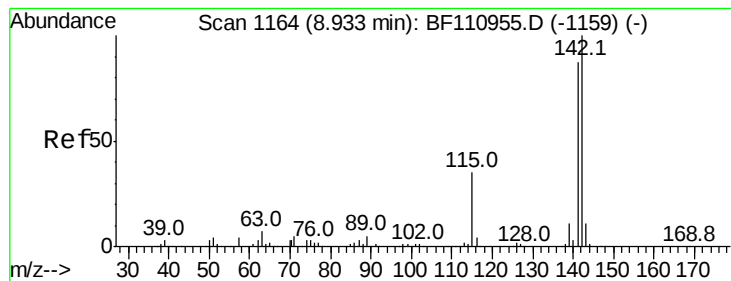
Tot Ion:113 Resp: 35668
 Ion Ratio Lower Upper
 113 100
 55 192.4 142.8 182.8#
 56 137.7 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 26.230 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Tgt Ion:107 Resp: 115115
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.0 30.0
 142 78.8 59.7 89.5

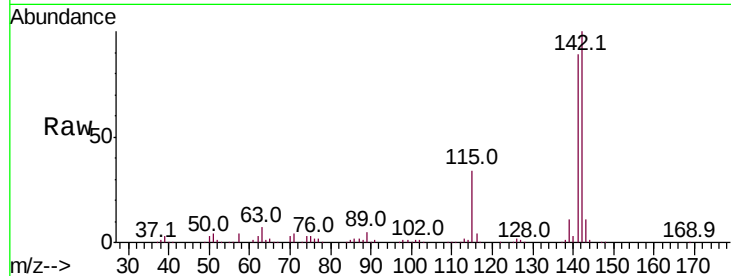




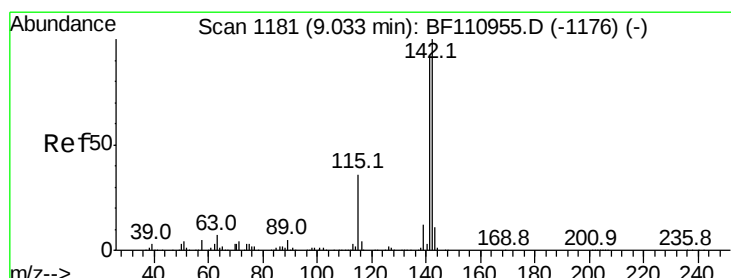
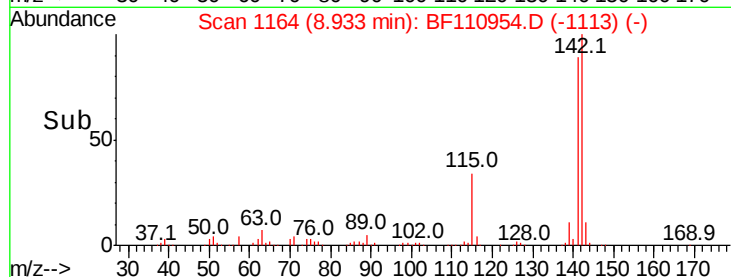
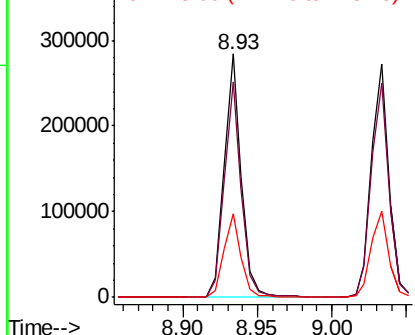
#37
 2-Methylnaphthalene
 Concen: 25.707 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	34.4	28.7	43.1

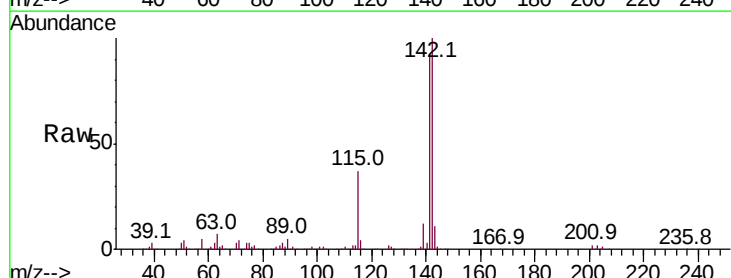


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

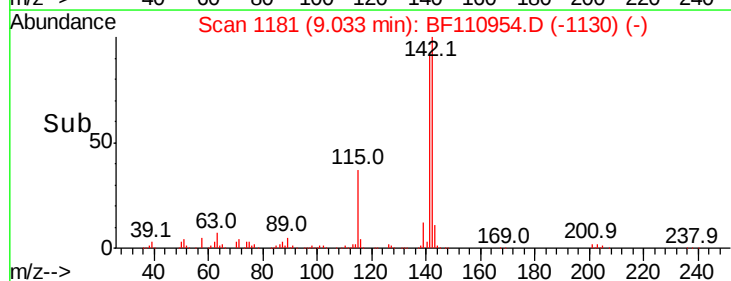
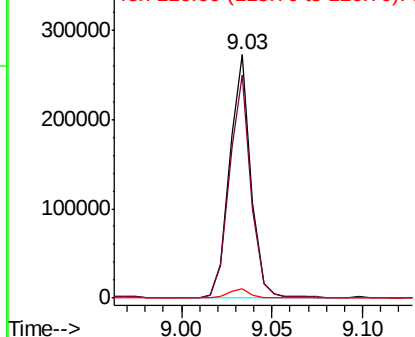


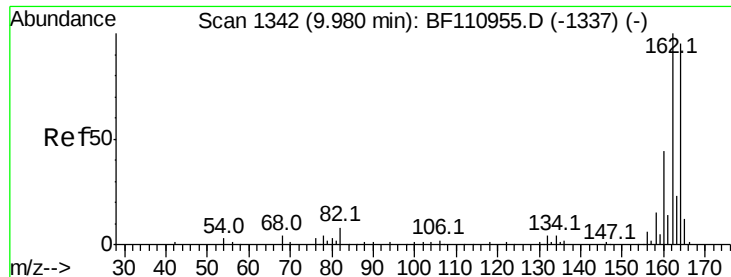
#38
 1-Methylnaphthalene
 Concen: 25.522 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
116	3.8	2.6	4.0



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: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampleId :

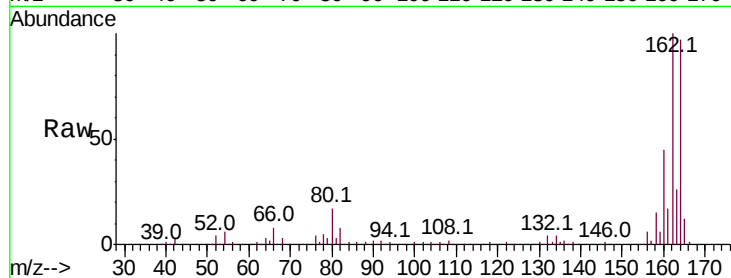
Tot Ion:164 Resp: 145004

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.6

160 46.1 37.0 55.6

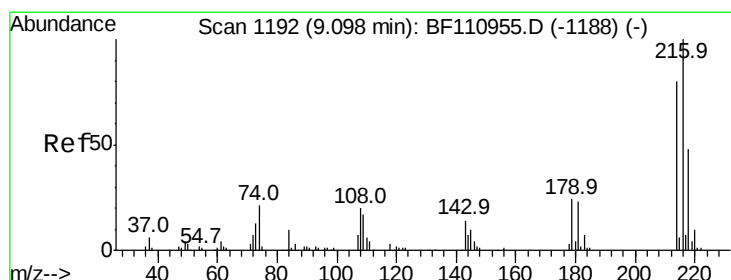
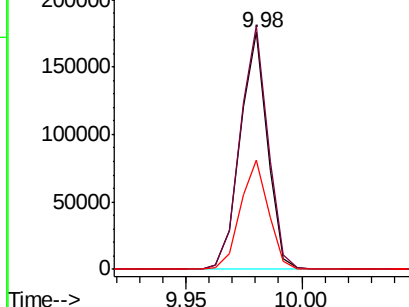
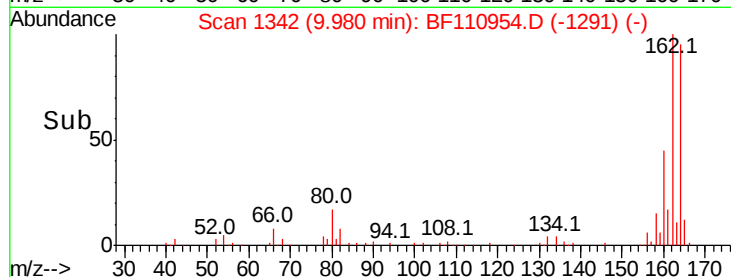


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 25.395 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Tgt Ion:216 Resp: 116564

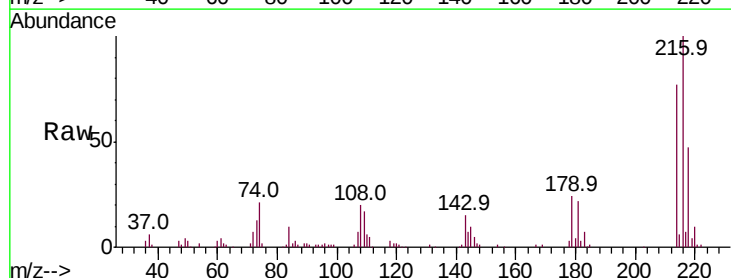
Ion Ratio Lower Upper

216 100

214 77.3 63.8 95.6

179 22.3 16.6 25.0

108 18.2 15.1 22.7



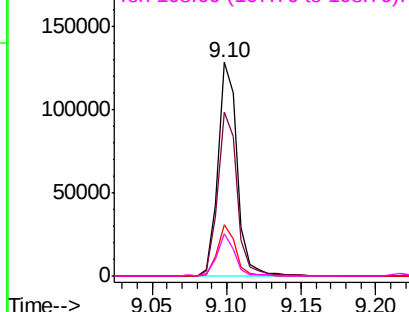
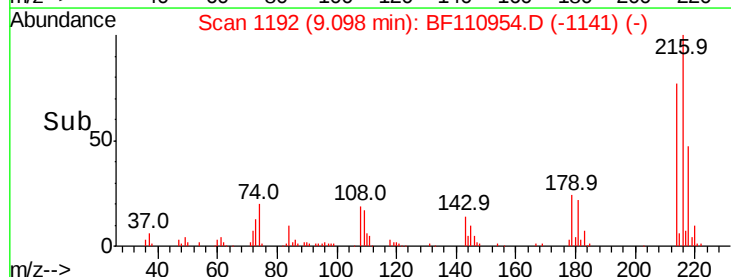
Abundance

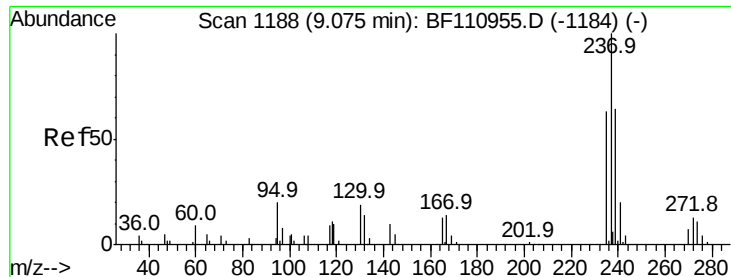
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

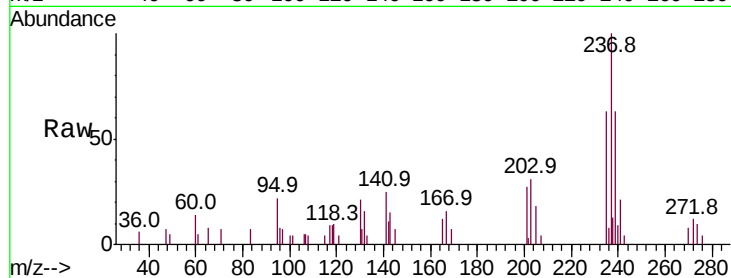




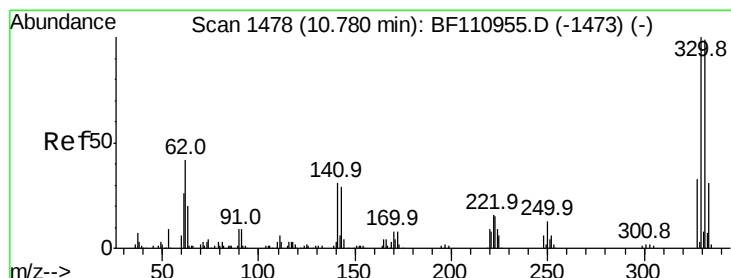
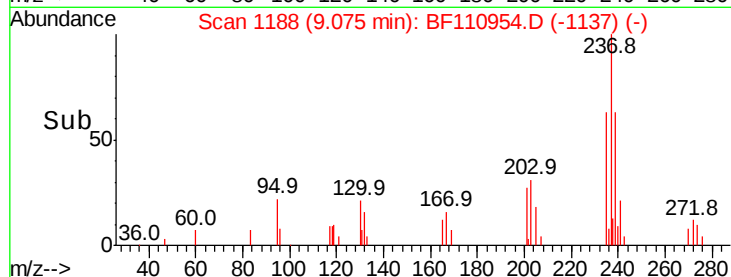
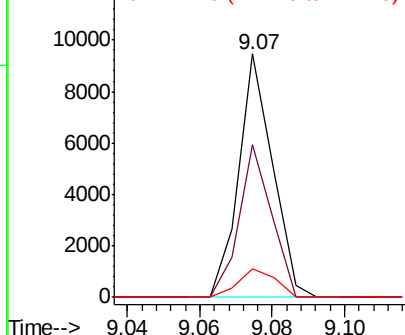
#41
Hexachlorocyclopentadiene
Concen: 4.181 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 6157
Ion Ratio Lower Upper
237 100
235 62.9 43.1 83.1
272 11.8 0.0 32.6

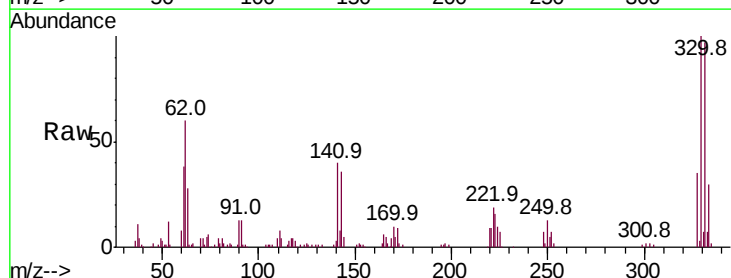


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

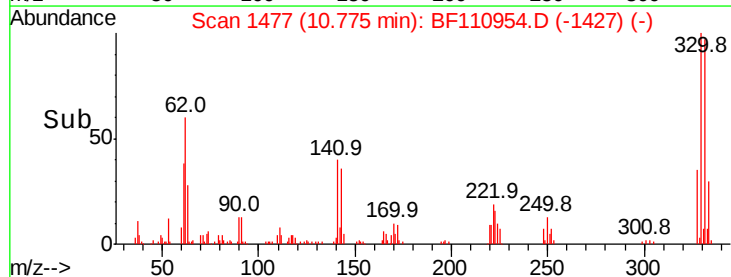
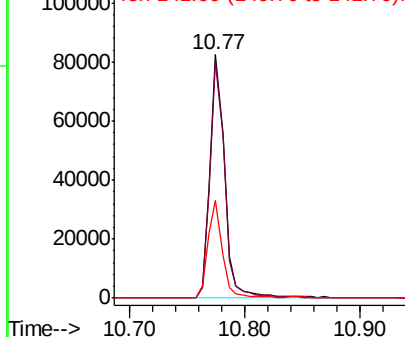


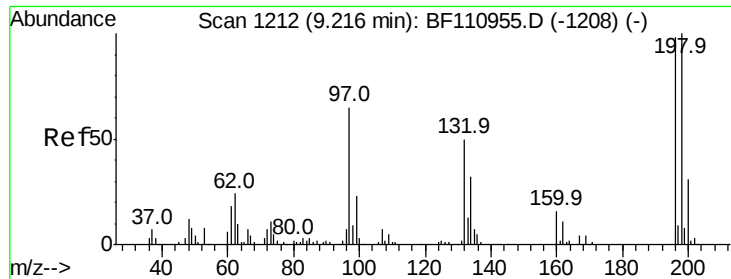
#42
2,4,6-Tribromophenol
Concen: 50.405 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion:330 Resp: 73647
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 39.0 27.0 40.4



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

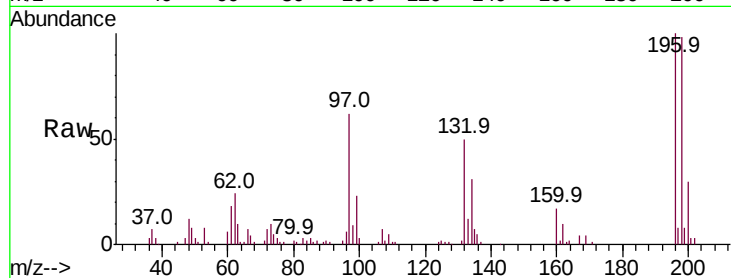




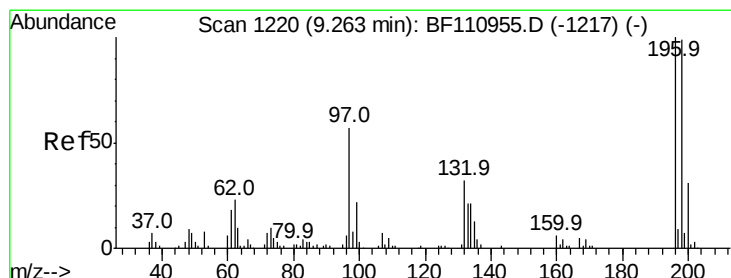
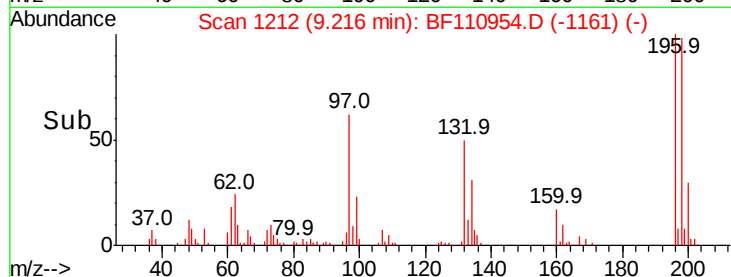
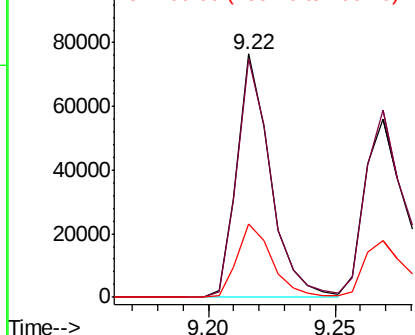
#43
 2,4,6-Trichlorophenol
 Concen: 24.400 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 70378
 Ion Ratio Lower Upper
 196 100
 198 98.2 76.2 114.4
 200 30.3 24.4 36.6



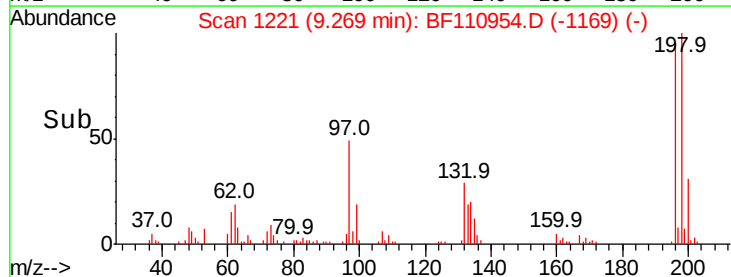
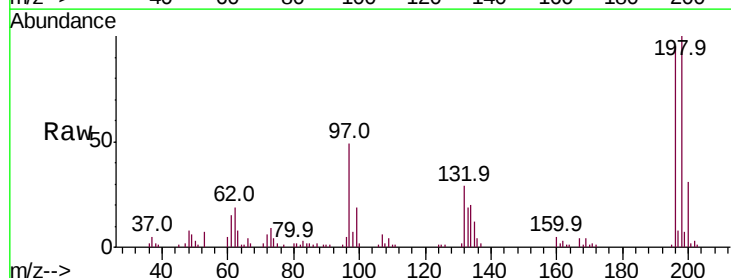
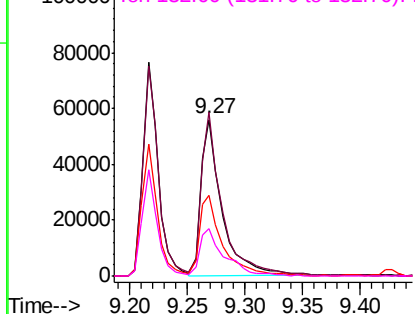
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

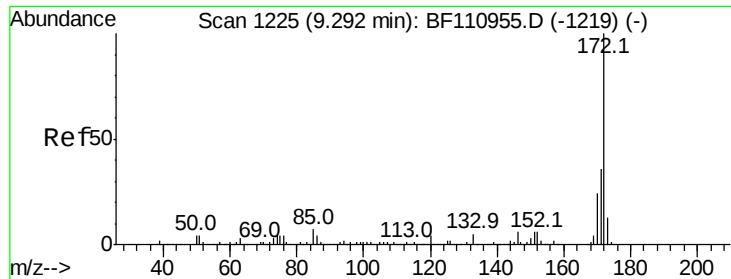


#44
 2,4,5-Trichlorophenol
 Concen: 23.526 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Tgt Ion:196 Resp: 72382
 Ion Ratio Lower Upper
 196 100
 198 104.8 75.8 113.6
 97 51.8 42.4 63.6
 132 30.6 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

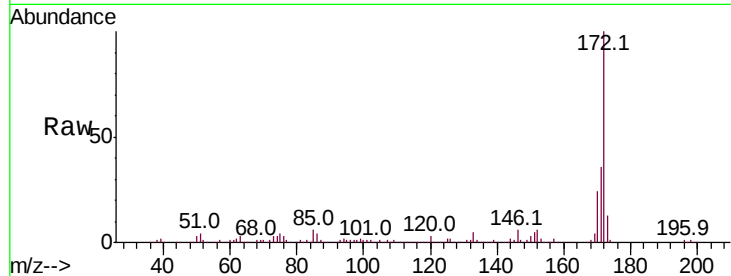




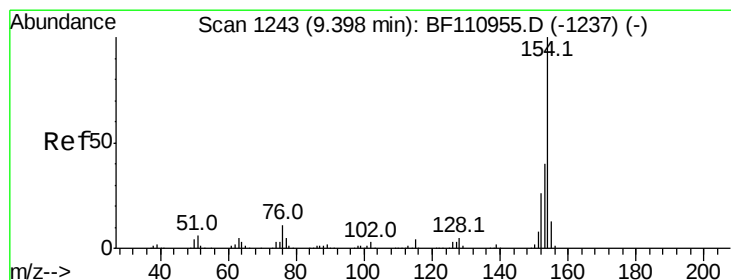
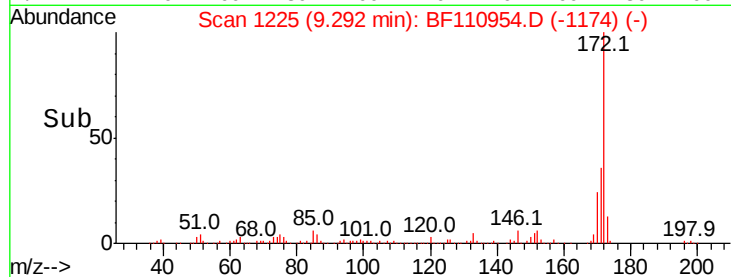
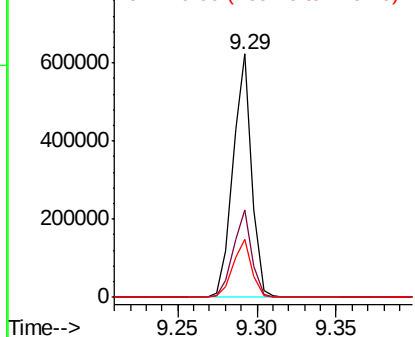
#45
 2-Fluorobiphenyl
 Concen: 49.913 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.0	19.7	29.5

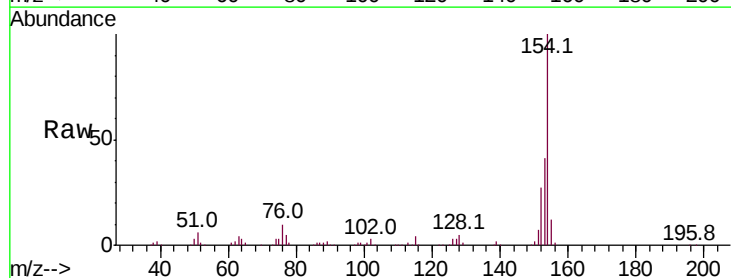


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

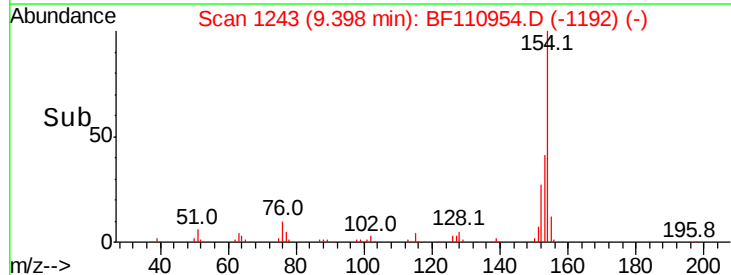
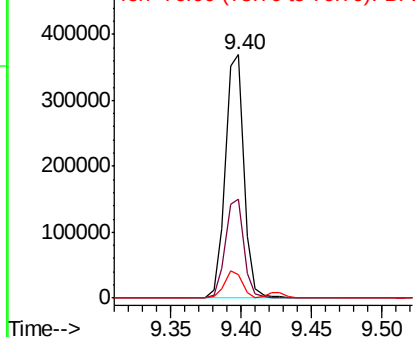


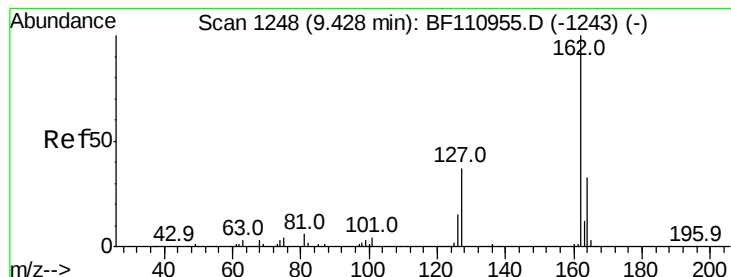
#46
 1,1'-Biphenyl
 Concen: 25.106 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	9.9	0.0	31.9



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





#47

2-Chloronaphthalene

Concen: 24.911 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampleId :

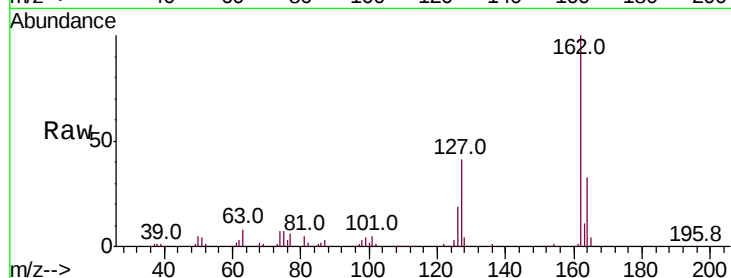
Tot Ion:162 Resp: 242765

Ion Ratio Lower Upper

162 100

127 41.2 32.6 48.8

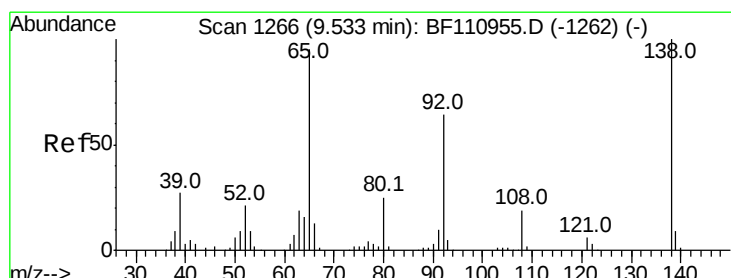
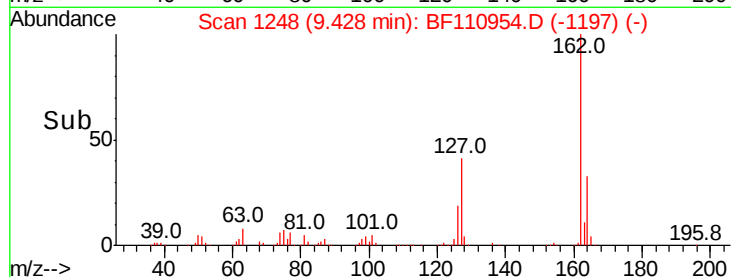
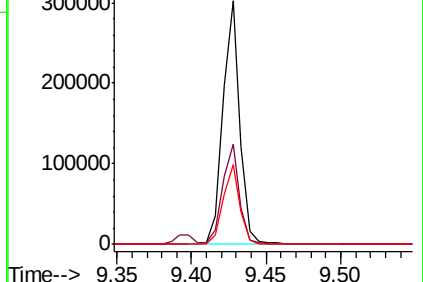
164 32.9 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 25.524 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

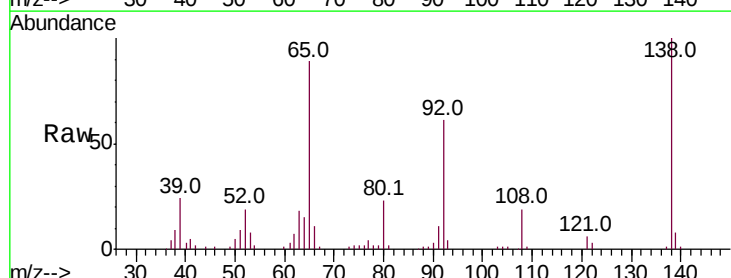
Tgt Ion: 65 Resp: 76650

Ion Ratio Lower Upper

65 100

92 68.7 54.6 81.8

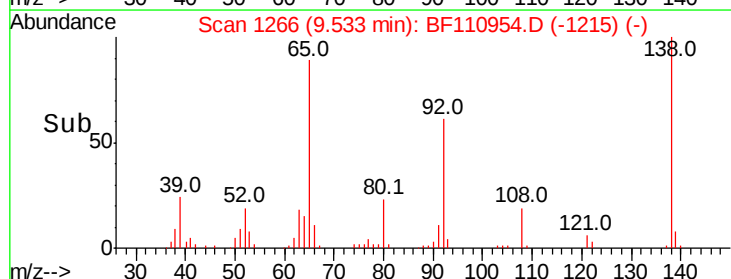
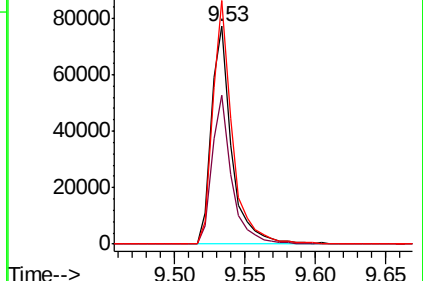
138 112.0 80.3 120.5

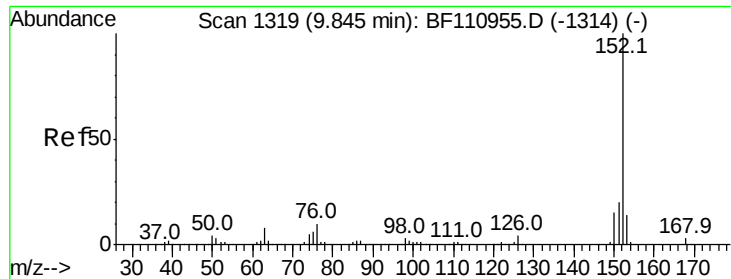


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 24.915 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampleId :

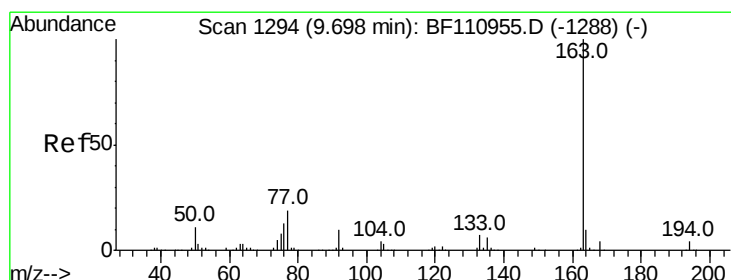
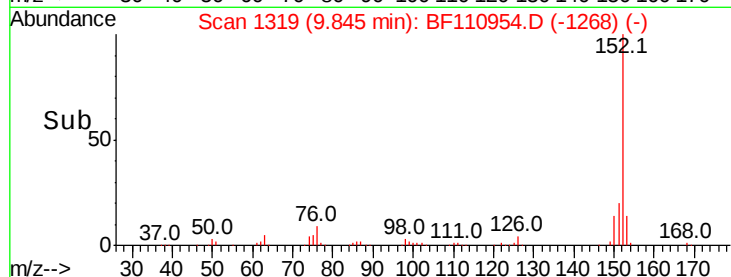
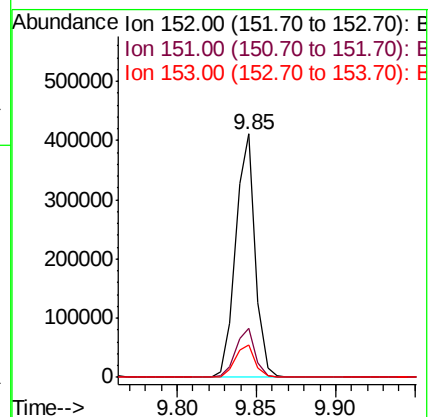
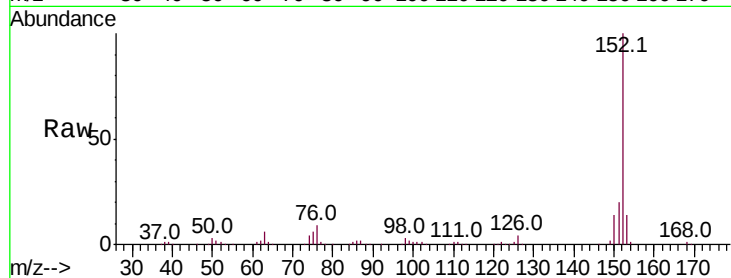
Tot Ion:152 Resp: 349663

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.6 10.4 15.6



#50

Dimethylphthalate

Concen: 24.599 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

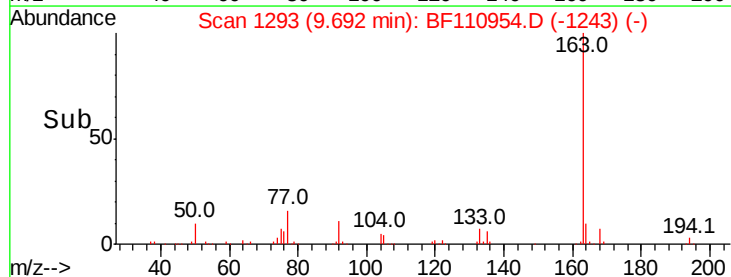
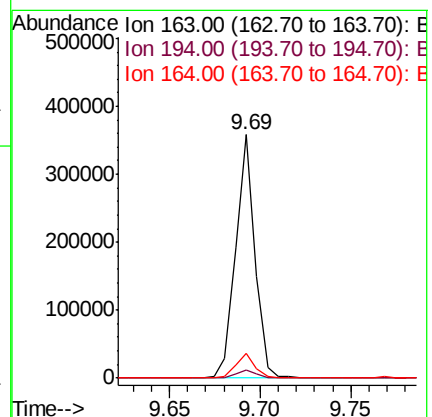
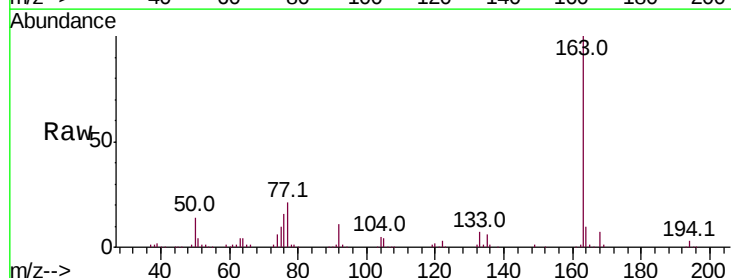
Tgt Ion:163 Resp: 266161

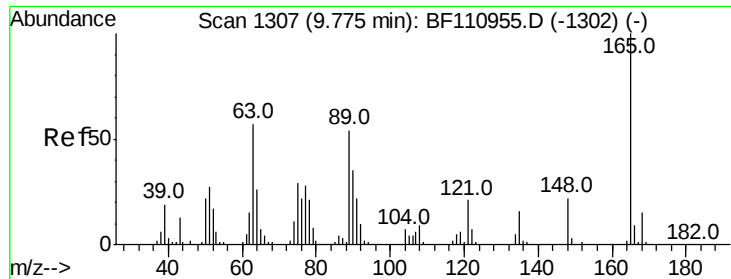
Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

164 10.0 8.1 12.1

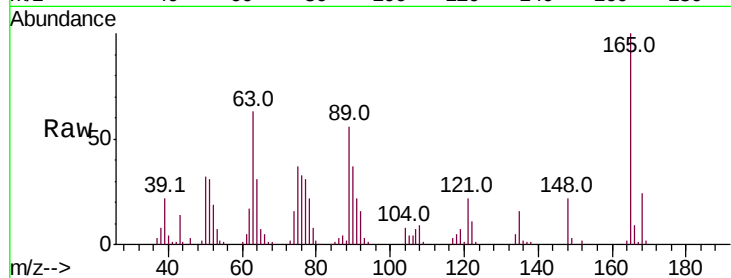




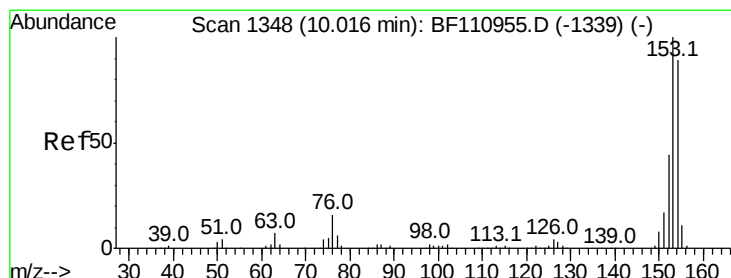
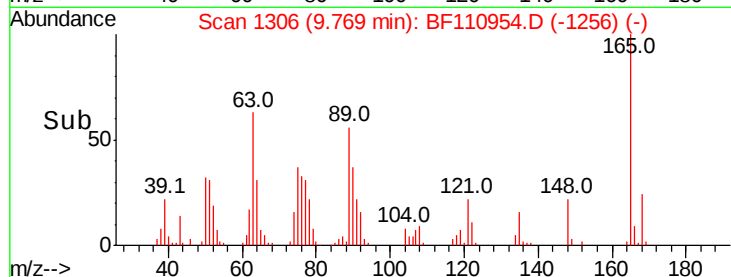
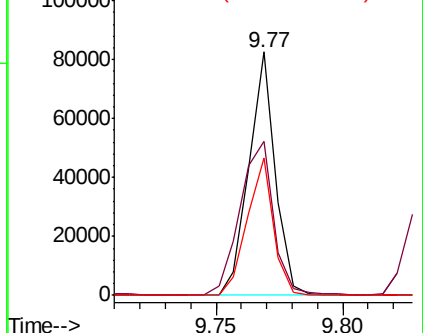
#51
 2,6-Dinitrotoluene
 Concen: 25.110 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.4	48.9	73.3
89	56.4	46.6	69.8

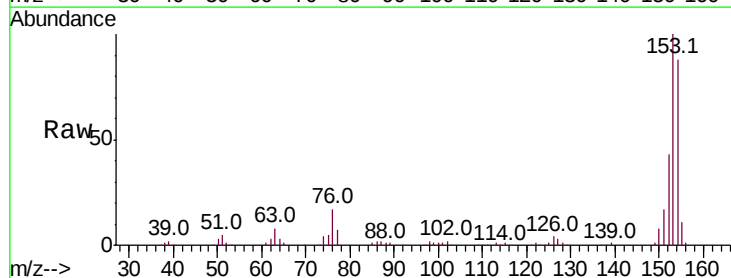


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

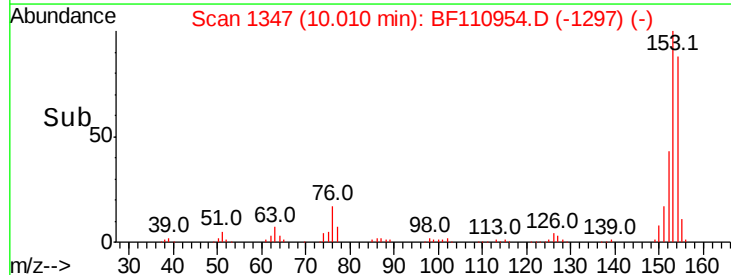
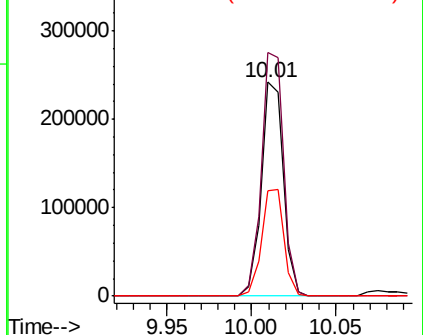


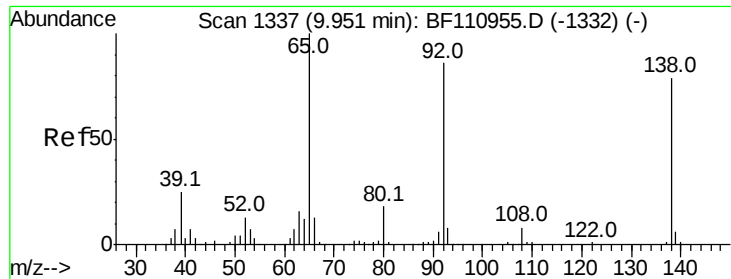
#52
 Acenaphthene
 Concen: 24.797 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.1	135.1
152	49.5	43.4	65.2



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

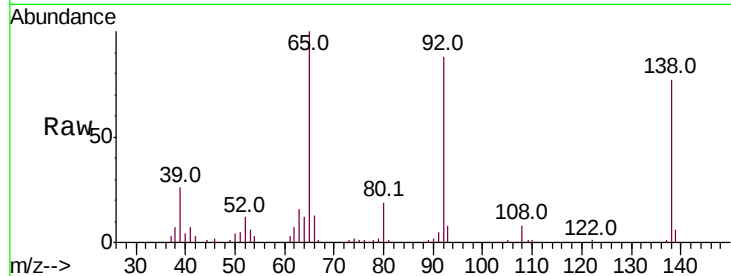




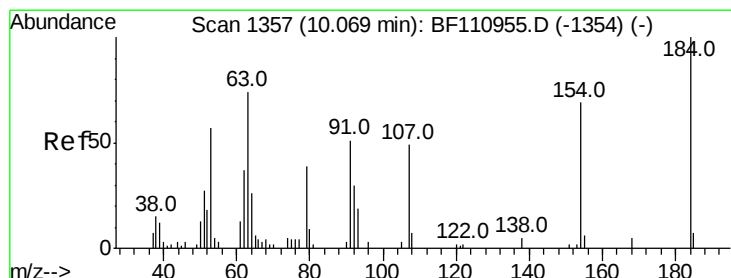
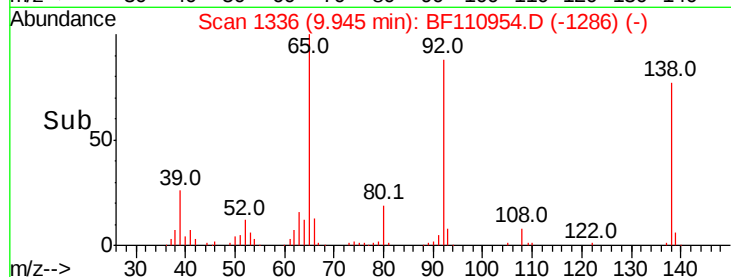
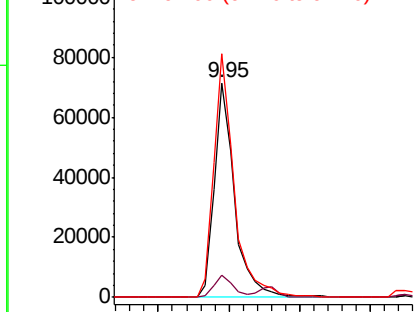
#53
3-Nitroaniline
Concen: 25.726 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 70939
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 113.5 97.0 145.4

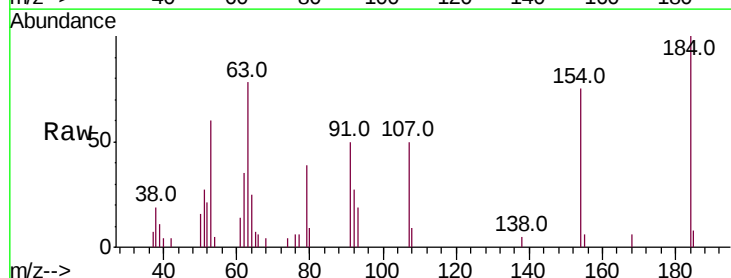


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

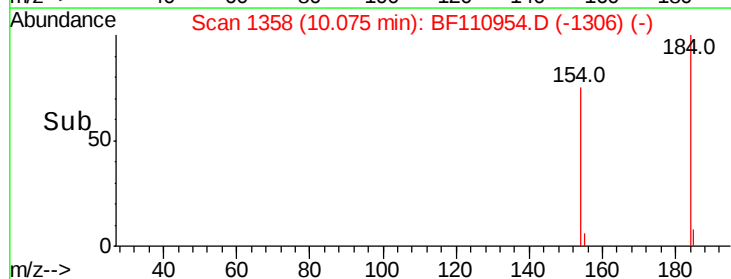
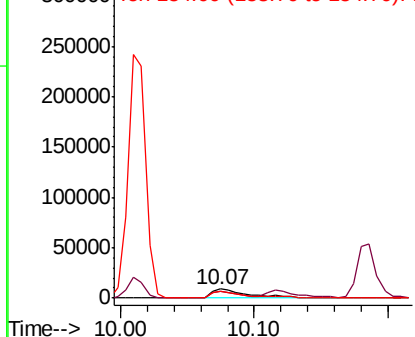


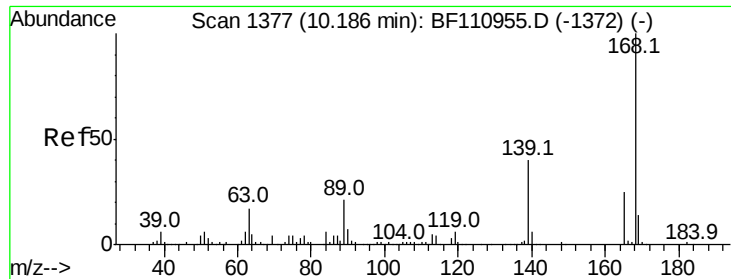
#54
2,4-Dinitrophenol
Concen: 20.996 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion:184 Resp: 17656
Ion Ratio Lower Upper
184 100
63 77.6 55.8 83.6
154 75.2 63.2 94.8



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

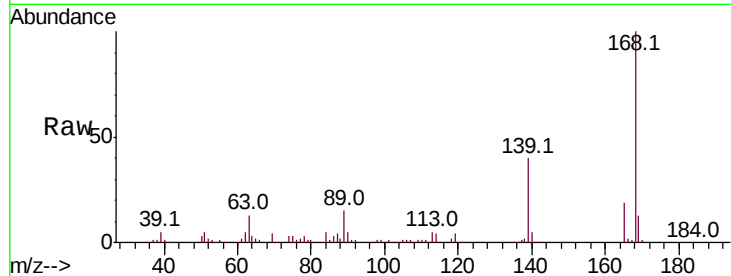




#55
Dibenzofuran
Concen: 25.372 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	33.0	49.6
169	13.4	11.3	16.9

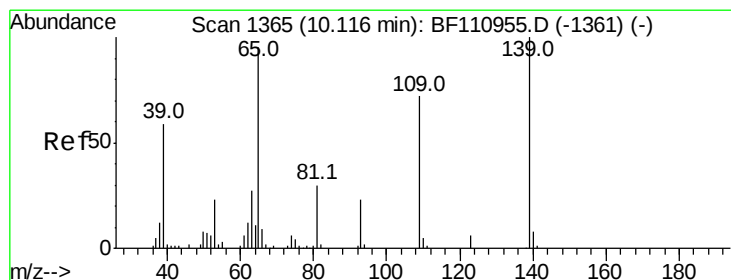
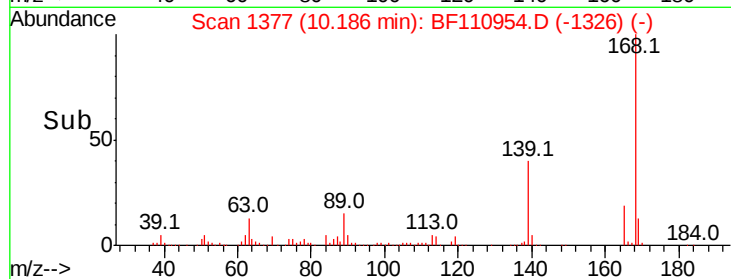
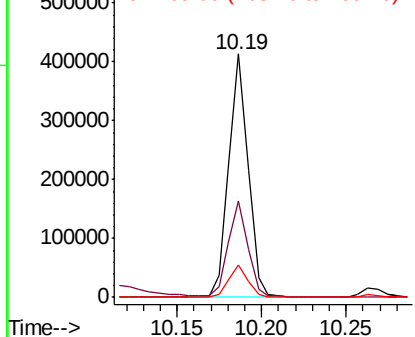


Abundance

Ion 168.00 (167.70 to 168.70): E

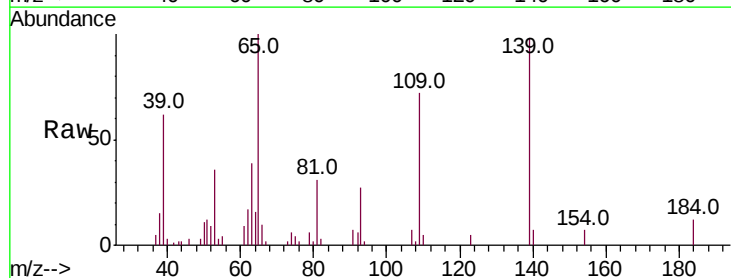
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 18.316 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.9	55.8	95.8
65	102.3	77.9	117.9

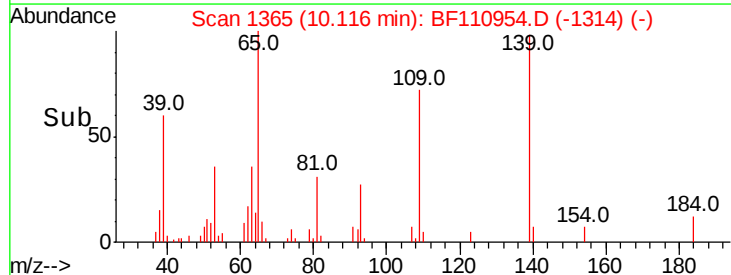
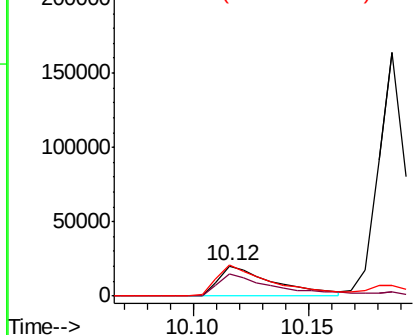


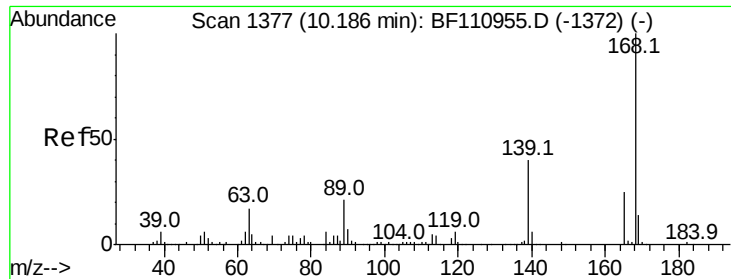
Abundance

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

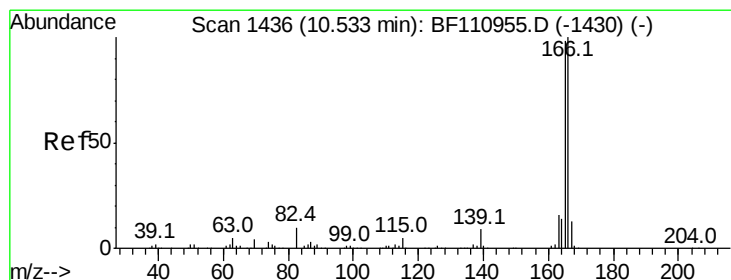
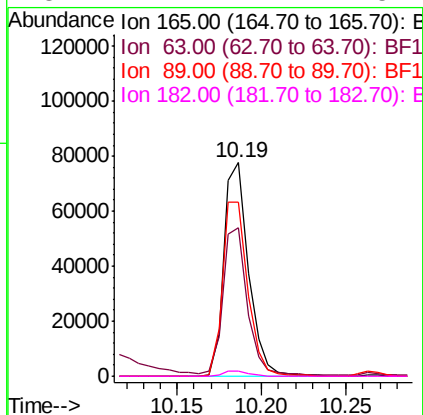
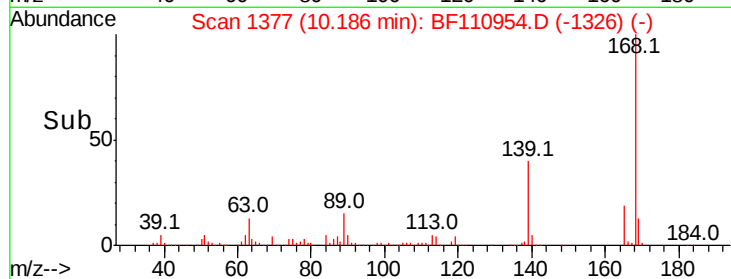
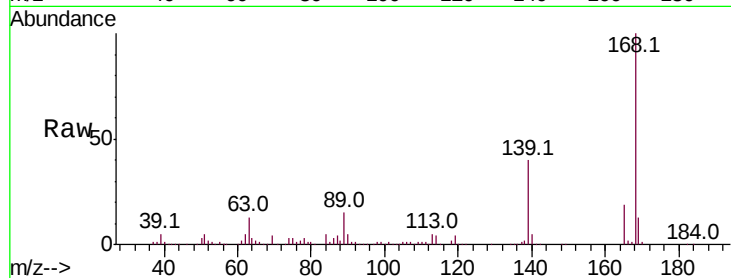




#57
2,4-Dinitrotoluene
Concen: 25.438 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

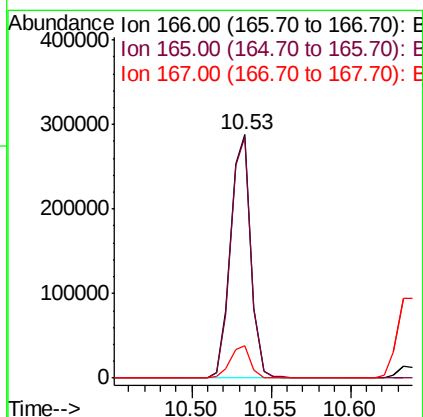
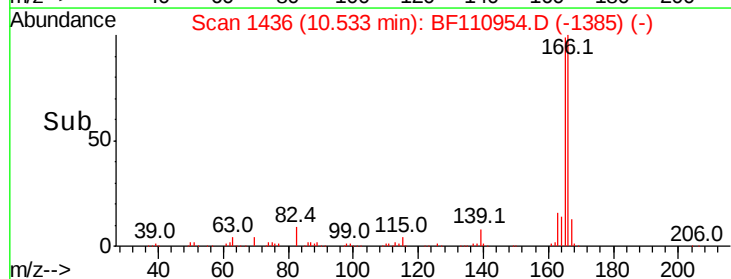
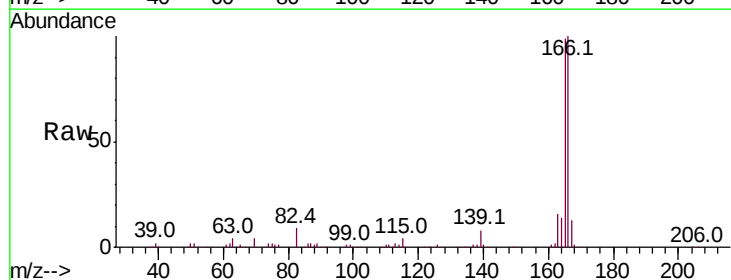
Instrument :
BNA_F
ClientSampleId :

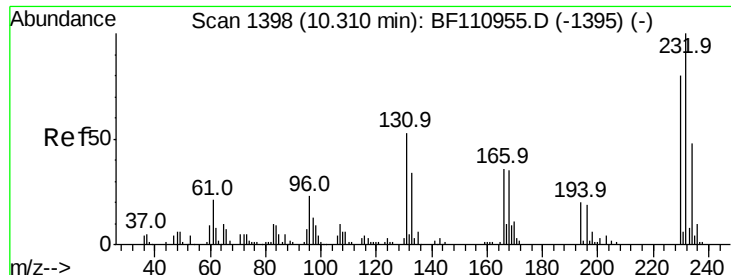
Tot Ion:165 Resp: 78724
Ion Ratio Lower Upper
165 100
63 69.6 44.8 67.2#
89 81.5 62.2 93.4
182 2.7 2.1 3.1



#58
Fluorene
Concen: 25.623 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion:166 Resp: 255385
Ion Ratio Lower Upper
166 100
165 99.2 78.6 117.8
167 13.1 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 26.794 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 64852

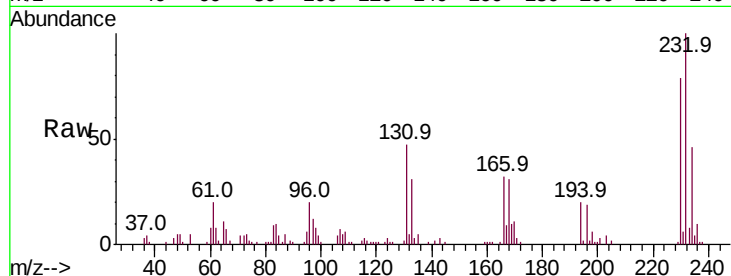
Ion Ratio Lower Upper

232 100

131 46.4 37.0 55.4

130 1.9 1.8 2.6

166 30.8 22.0 33.0

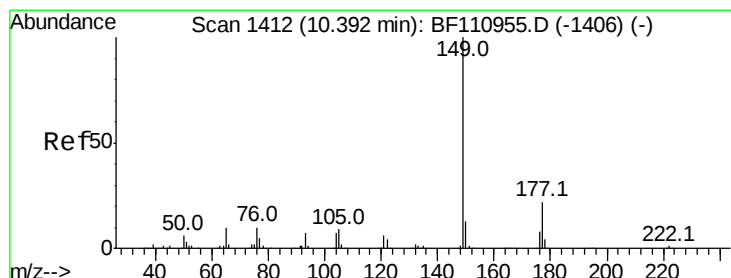
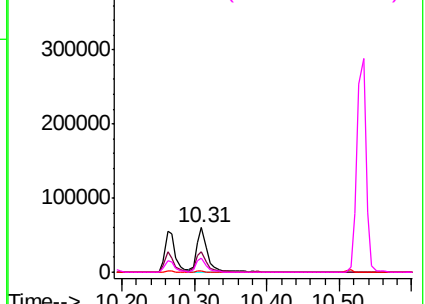
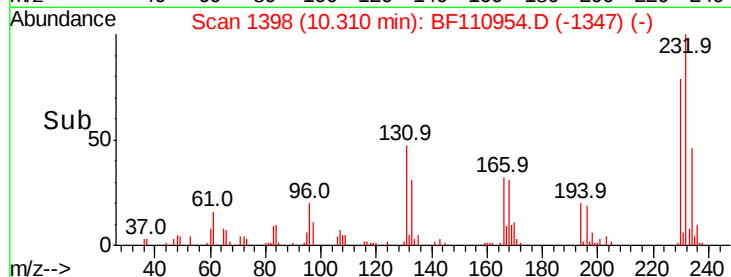


Abundance Ion 232.00 (231.70 to 232.70): E

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: 25.782 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

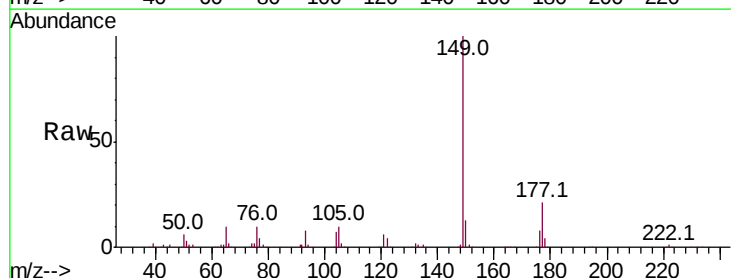
Tgt Ion:149 Resp: 275981

Ion Ratio Lower Upper

149 100

177 21.1 17.4 26.2

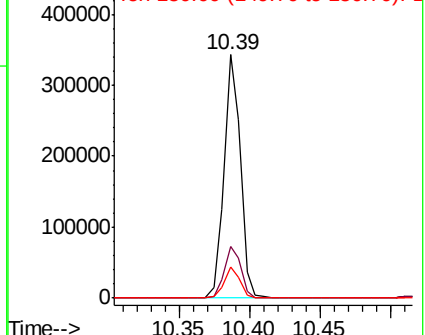
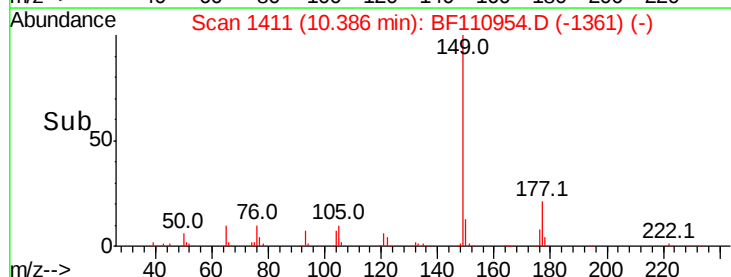
150 12.6 9.8 14.8

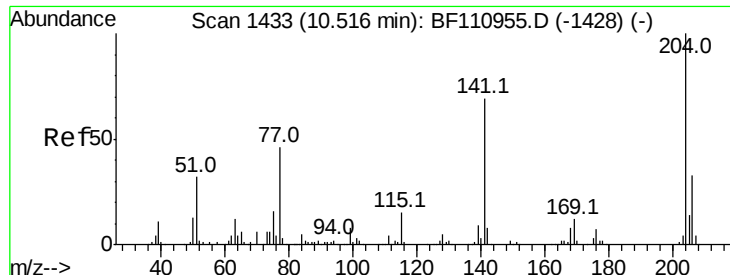


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

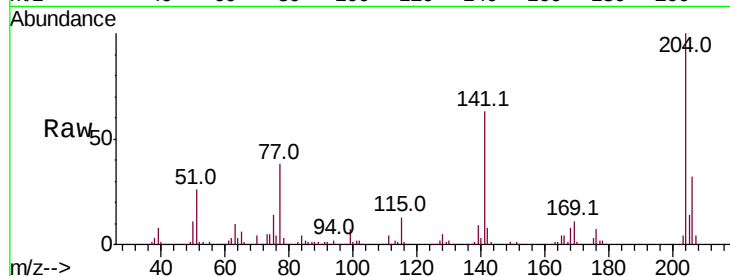




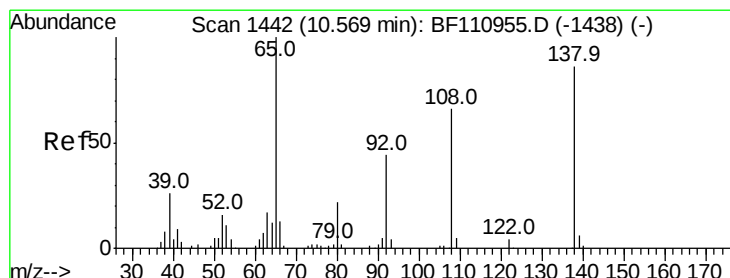
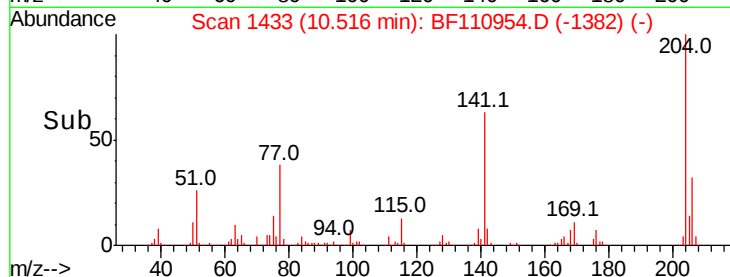
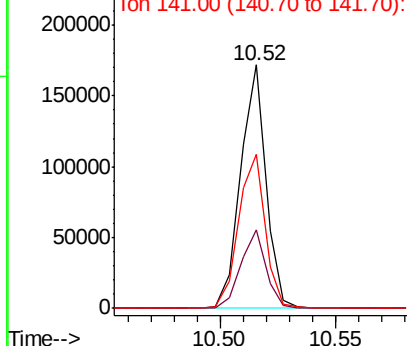
#61
4-Chlorophenyl-phenylether
Concen: 25.662 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 132431
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 63.3 51.8 77.8

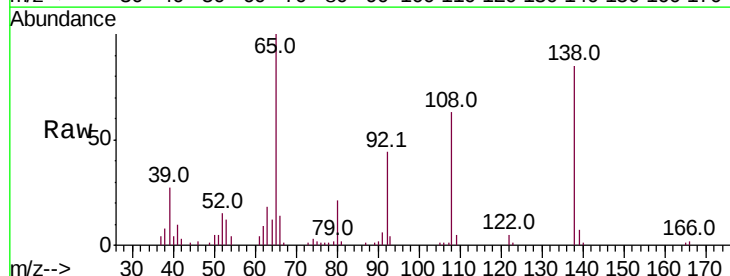


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

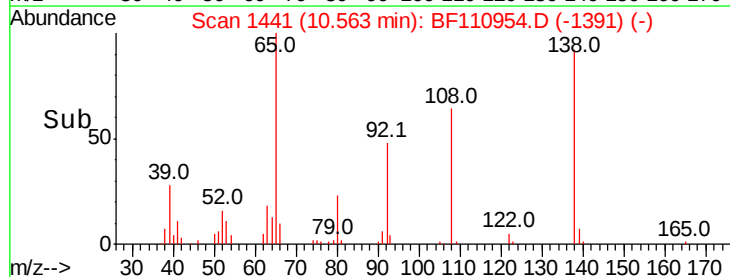
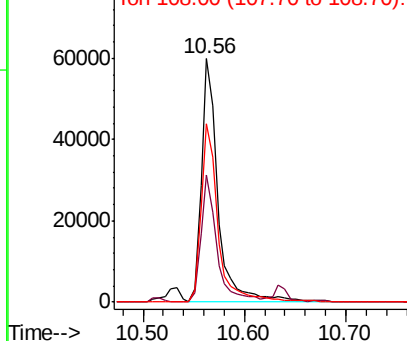


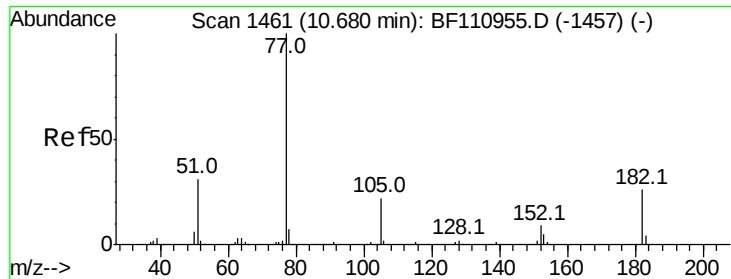
#62
4-Nitroaniline
Concen: 24.534 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion:138 Resp: 68126
Ion Ratio Lower Upper
138 100
92 52.0 31.7 71.7
108 73.5 59.3 99.3



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

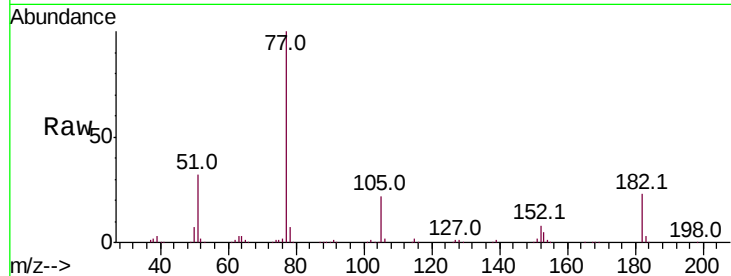




#63
Azobenzene
Concen: 25.981 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.6	4.3	44.3
105	21.7	1.3	41.3
51	31.8	9.0	49.0

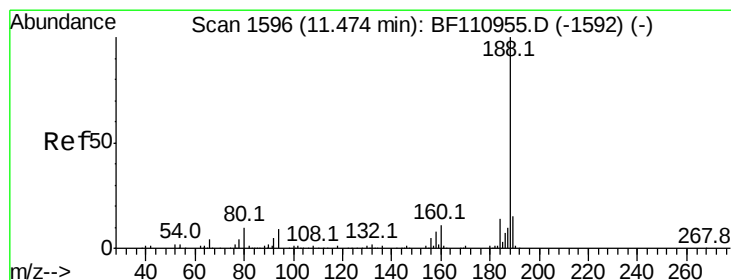
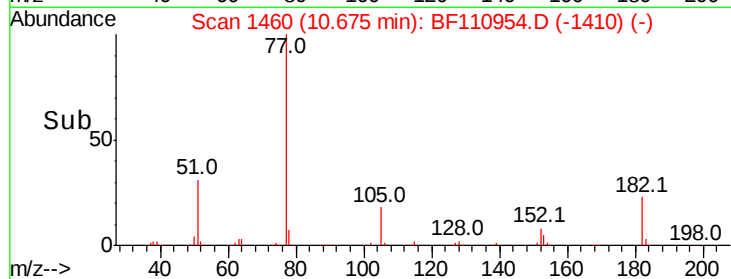
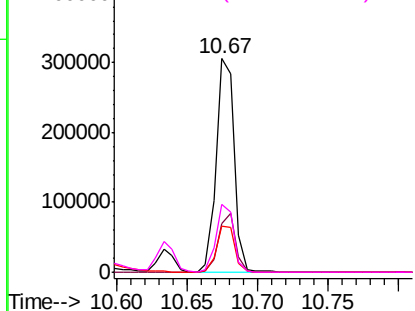


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

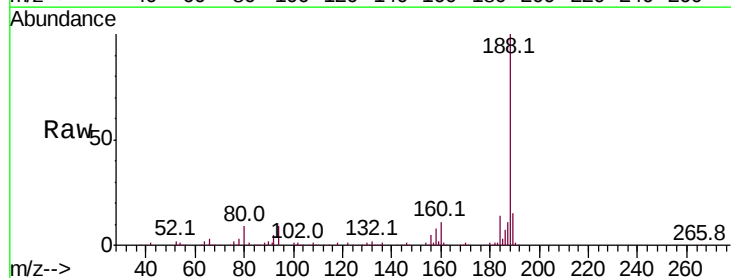
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

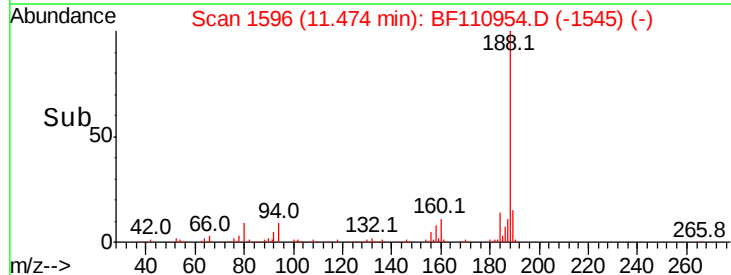
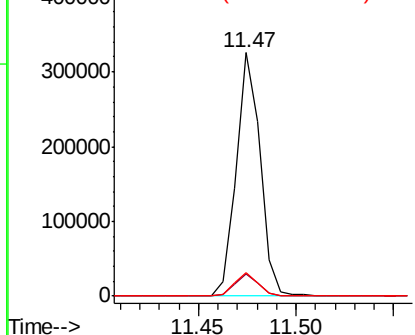
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.5	7.9	11.9

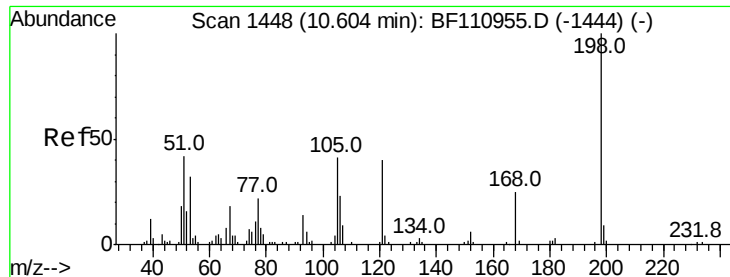


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

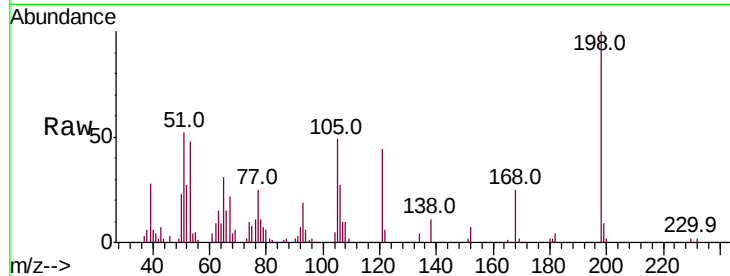




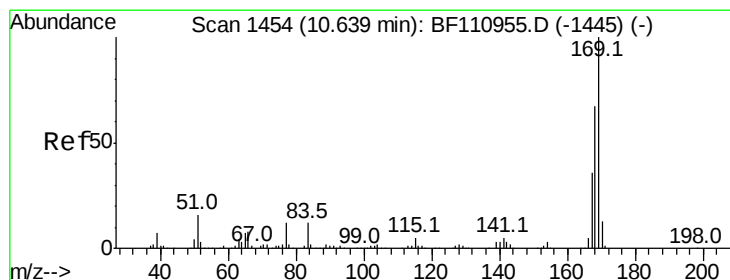
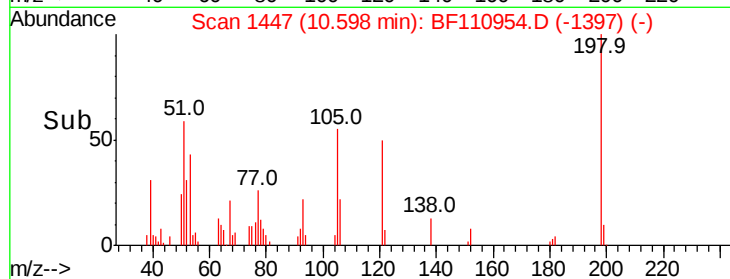
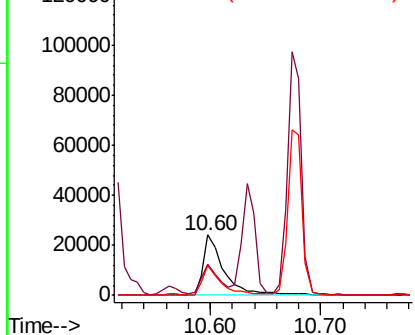
#65
4,6-Dinitro-2-methylphenol
Concen: 21.979 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 30728
Ion Ratio Lower Upper
198 100
51 52.5 22.8 62.8
105 48.6 23.6 63.6

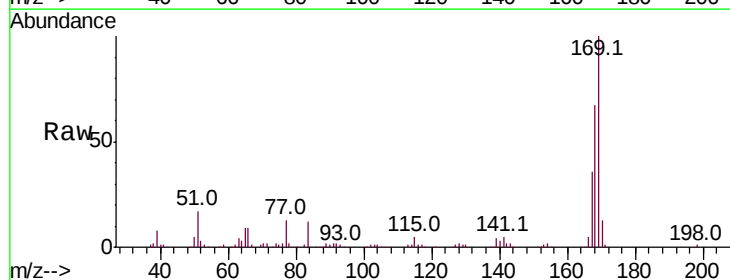


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

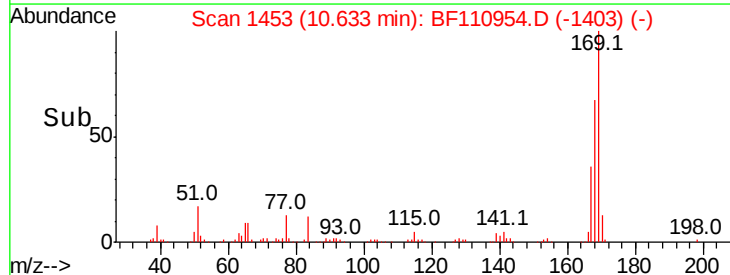
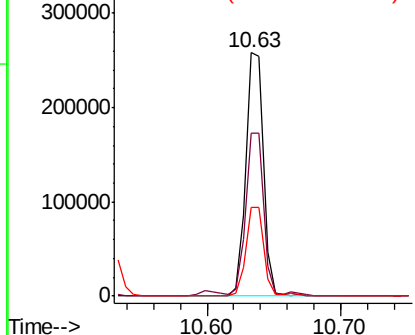


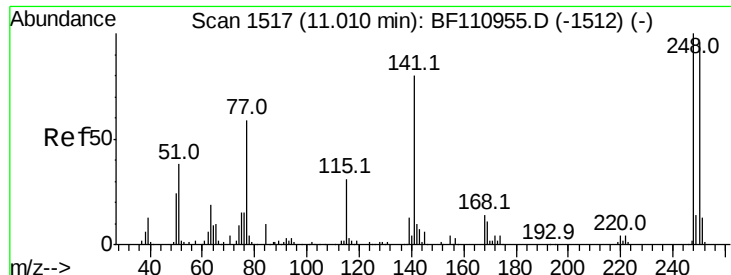
#66
n-Nitrosodiphenylamine
Concen: 25.113 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion:169 Resp: 234811
Ion Ratio Lower Upper
169 100
168 66.9 51.2 76.8
167 36.4 27.8 41.6



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

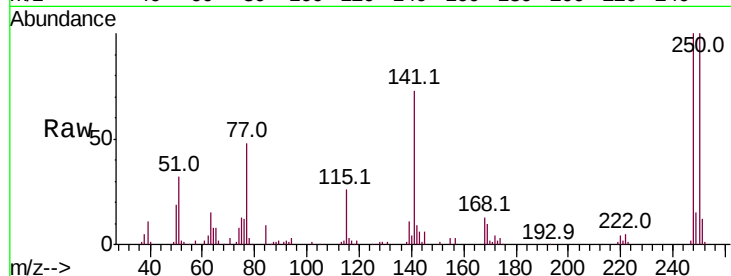




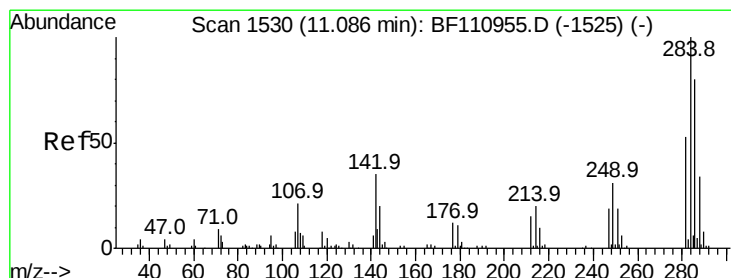
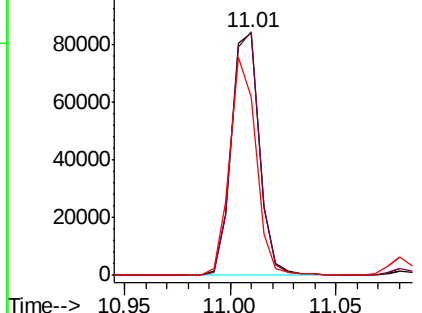
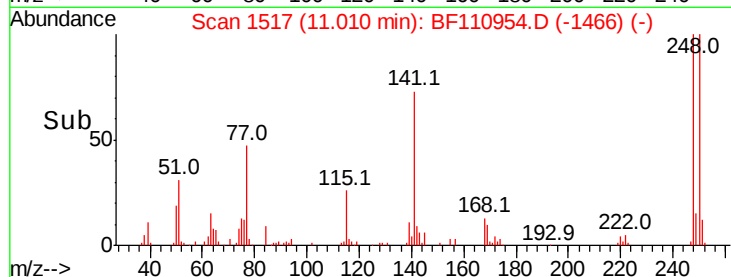
#67
 4-Bromophenyl-phenylether
 Concen: 24.920 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 76398
 Ion Ratio Lower Upper
 248 100
 250 100.4 79.4 119.2
 141 73.3 55.9 83.9

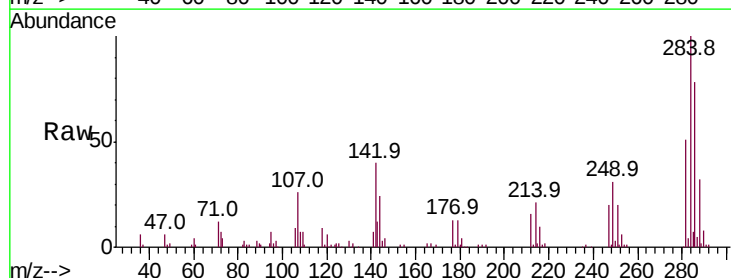


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

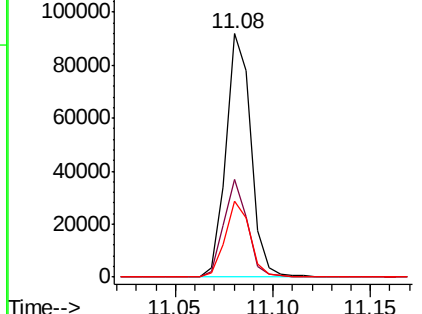
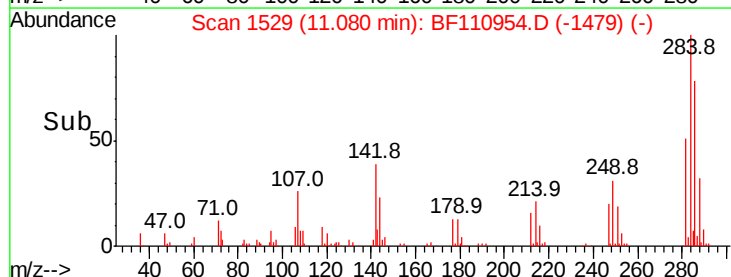


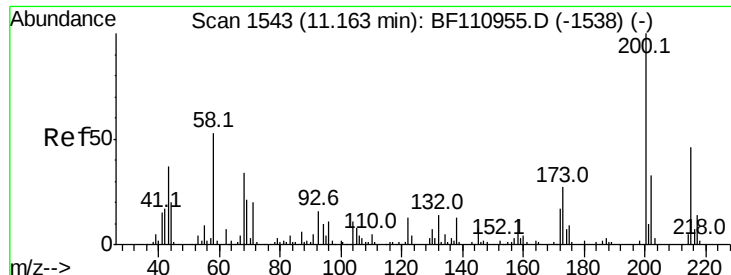
#68
 Hexachlorobenzene
 Concen: 25.203 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Tgt Ion:284 Resp: 81464
 Ion Ratio Lower Upper
 284 100
 142 40.0 23.9 35.9#
 249 31.2 24.2 36.2



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

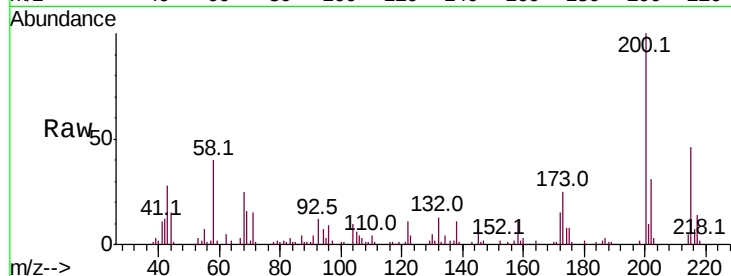




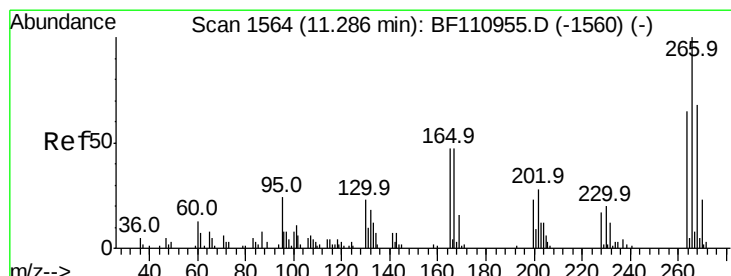
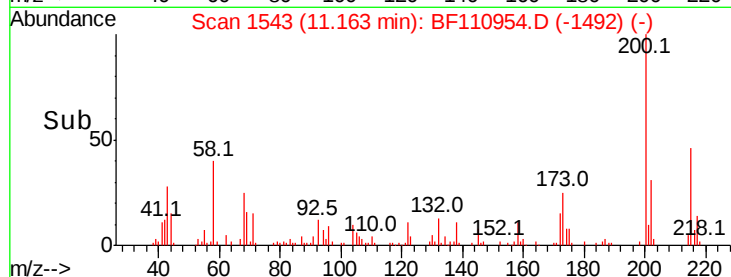
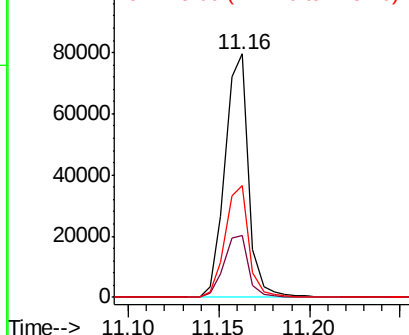
#69
Atrazine
Concen: 25.391 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 72590
Ion Ratio Lower Upper
200 100
173 25.2 6.6 46.6
215 45.7 26.3 66.3

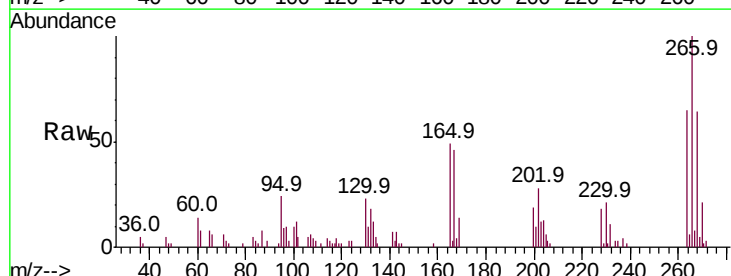


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

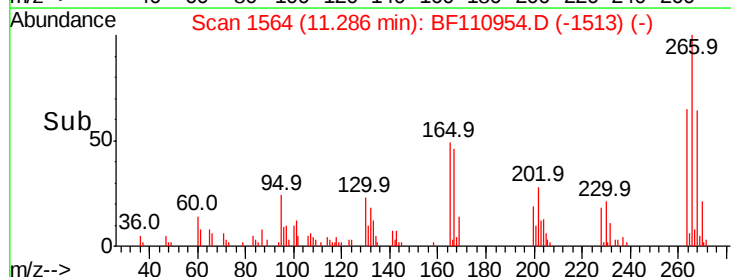
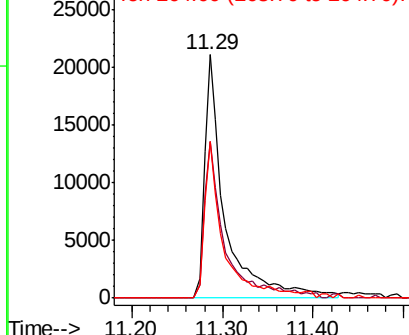


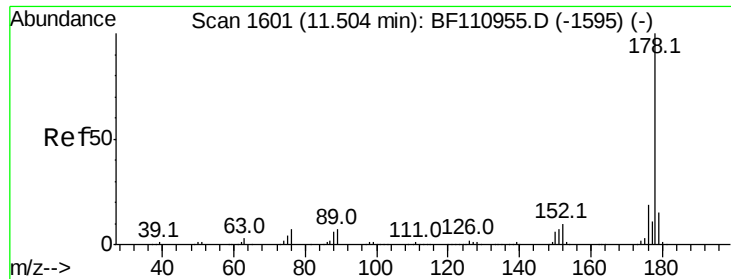
#70
Pentachlorophenol
Concen: 19.233 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion:266 Resp: 33172
Ion Ratio Lower Upper
266 100
268 64.3 50.6 75.8
264 64.5 50.6 75.8



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

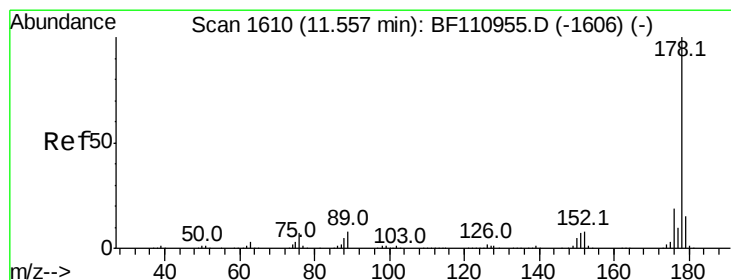
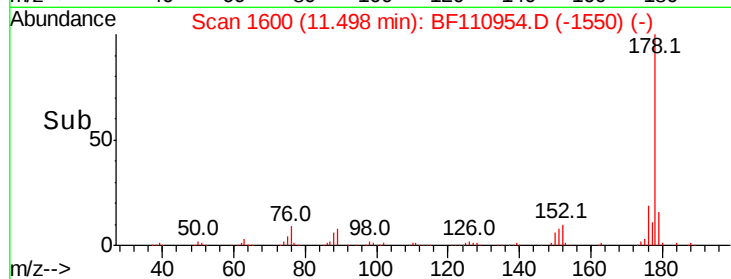
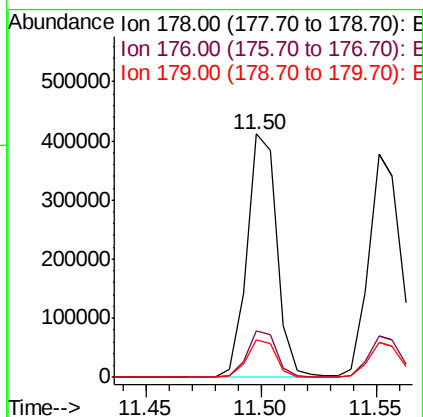
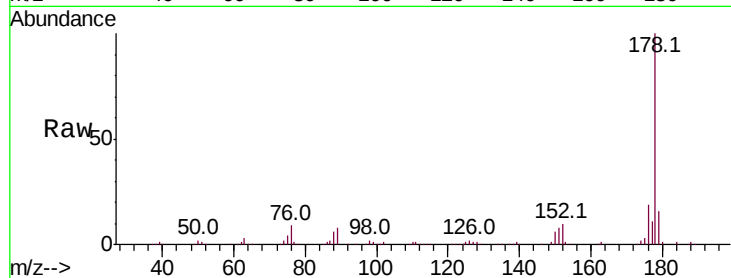




#71
Phenanthrene
Concen: 25.172 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

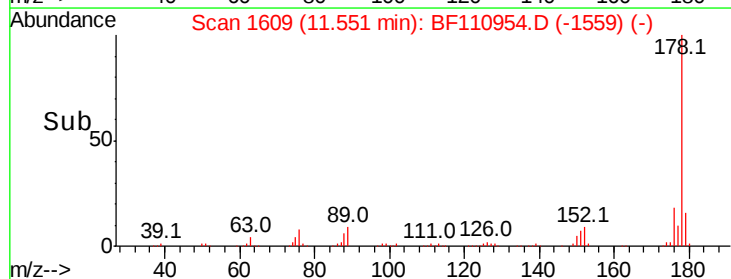
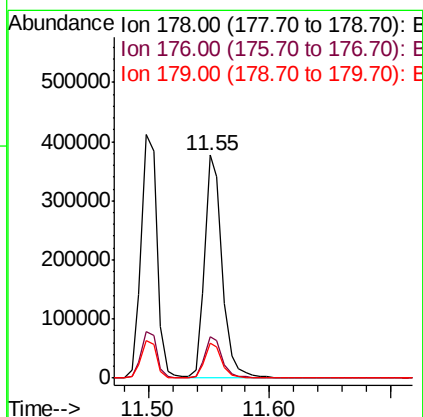
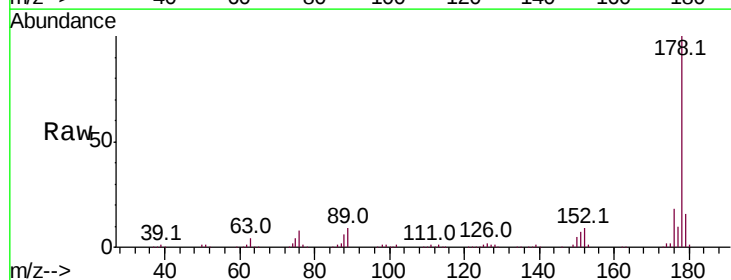
Instrument :
BNA_F
ClientSampled :

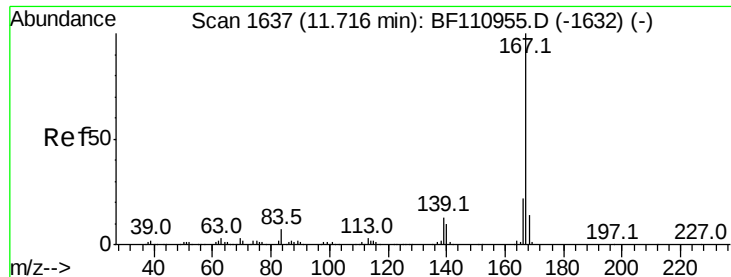
Tot Ion:178 Resp: 374093
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 25.342 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion:178 Resp: 379915
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.9 12.6 18.8

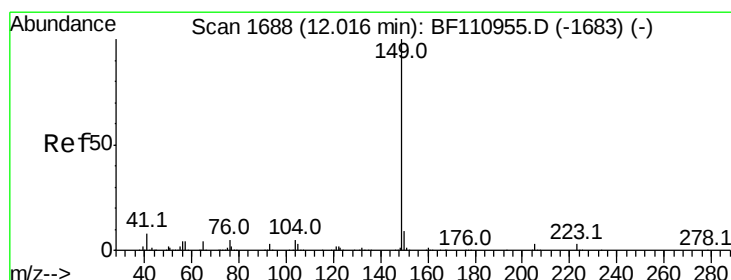
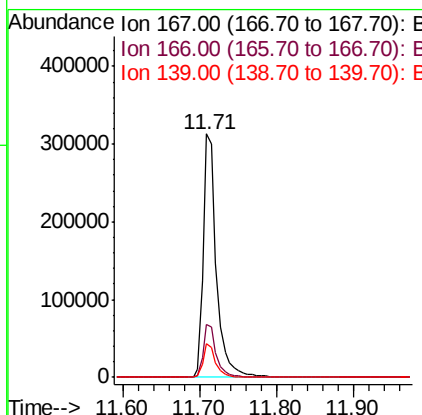
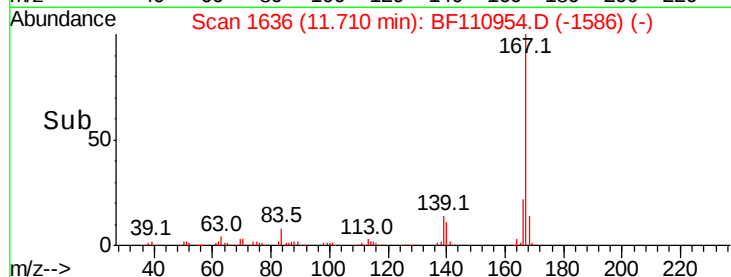
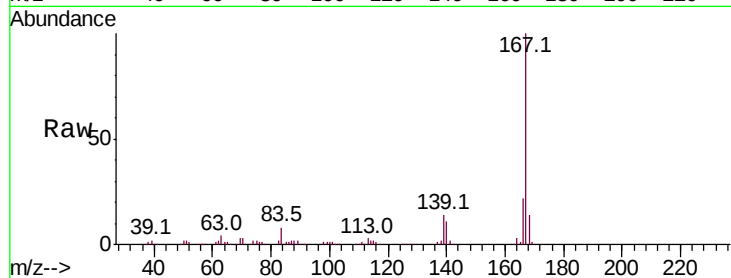




#73
 Carbazole
 Concen: 25.955 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

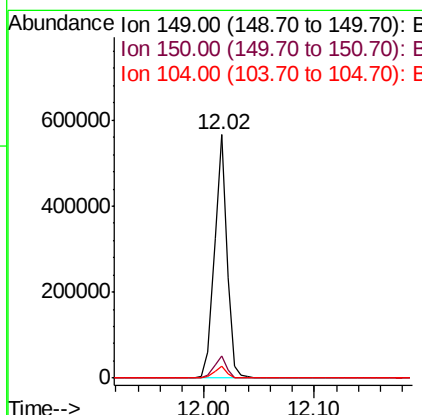
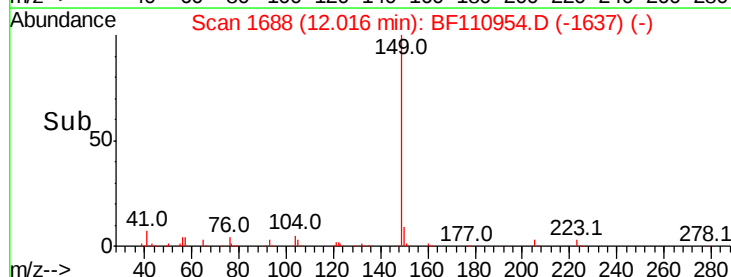
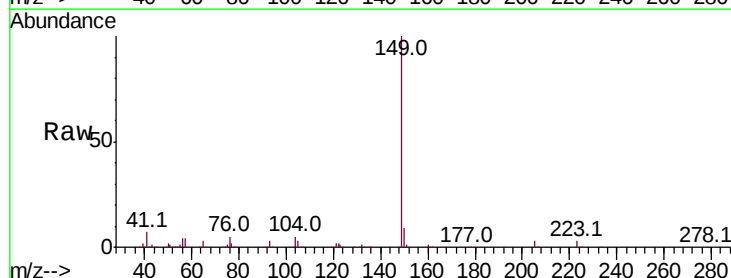
Instrument :
 BNA_F
 ClientSampleId :

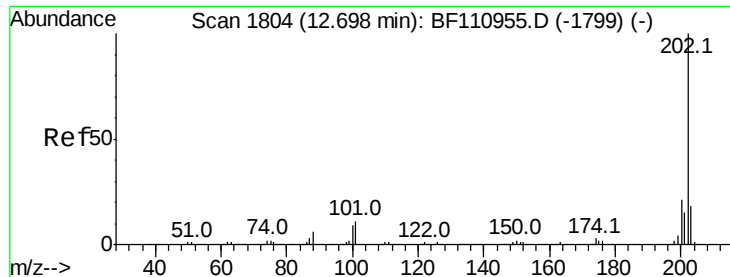
Tot Ion:167 Resp: 373684
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 25.741 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Tgt Ion:149 Resp: 434590
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.9 4.2 6.4

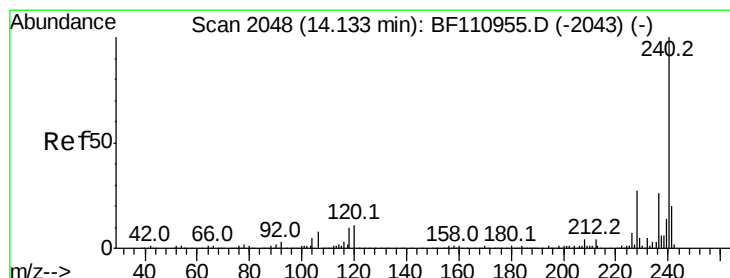
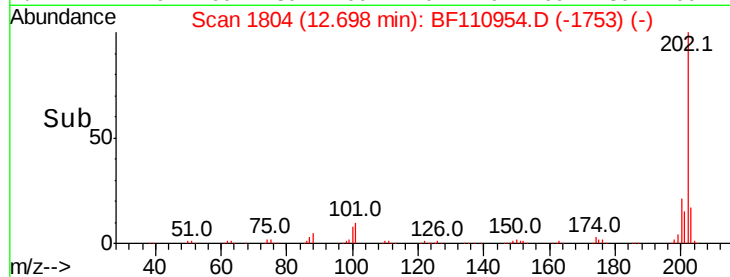
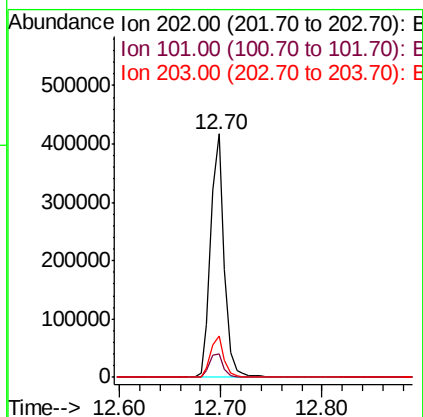
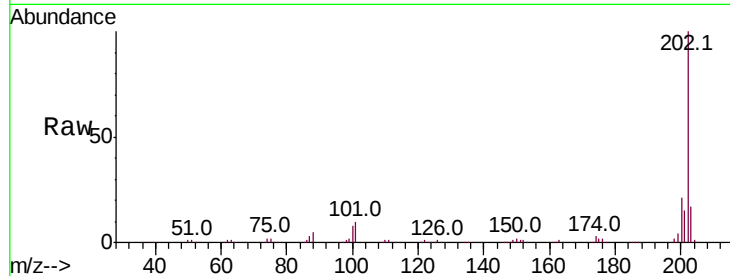




#75
 Fluoranthene
 Concen: 25.966 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

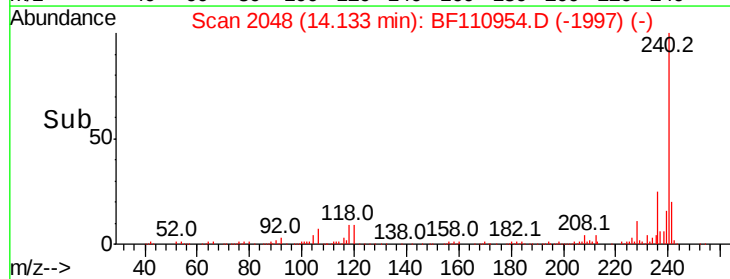
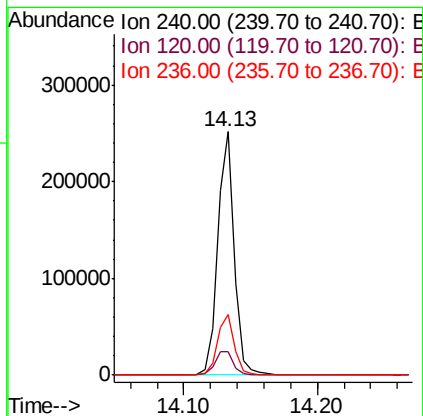
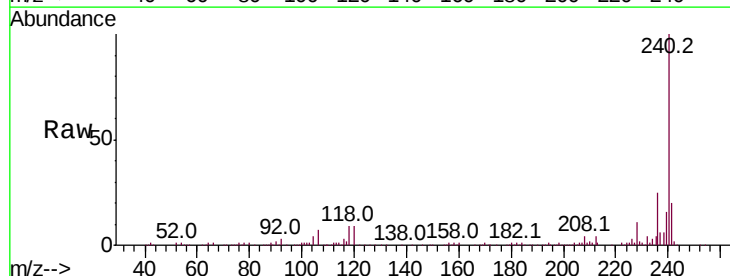
Instrument :
 BNA_F
 ClientSampled :

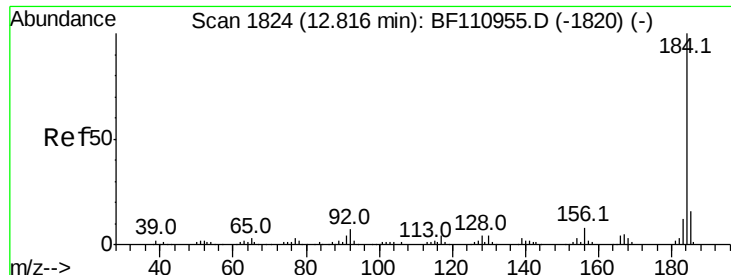
Tot Ion:202 Resp: 386877
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 31.4
 203 16.8 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BF110954.D
 Acq: 26 Nov 2018 10:31

Tgt Ion:240 Resp: 218412
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.3 12.5
 236 25.1 21.2 31.8

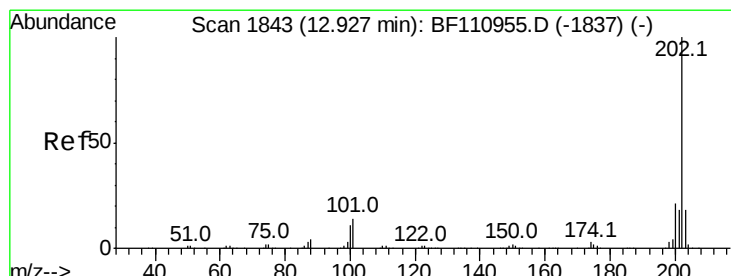
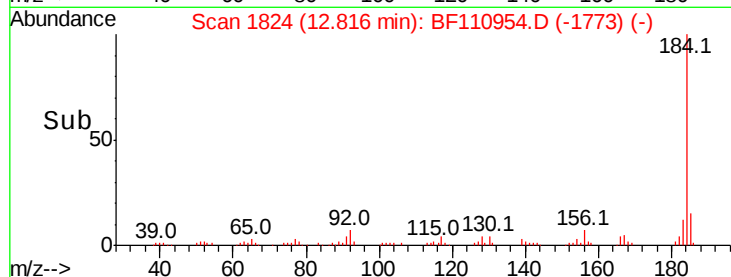
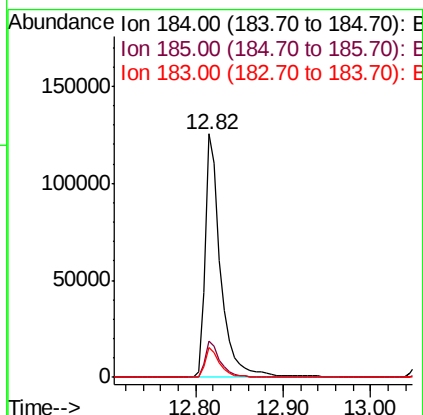
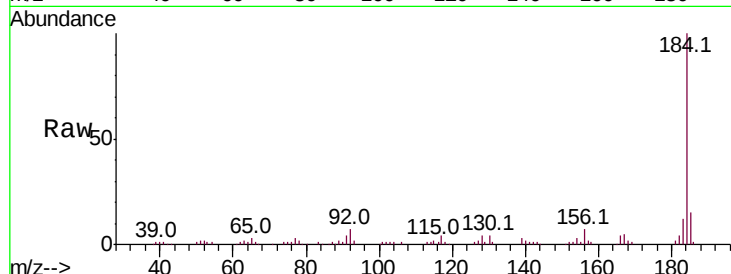




#77
Benzidine
Concen: 25.750 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

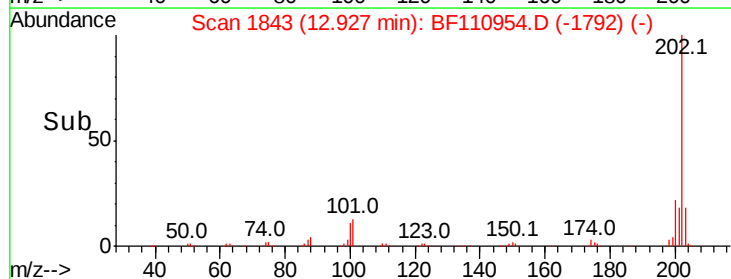
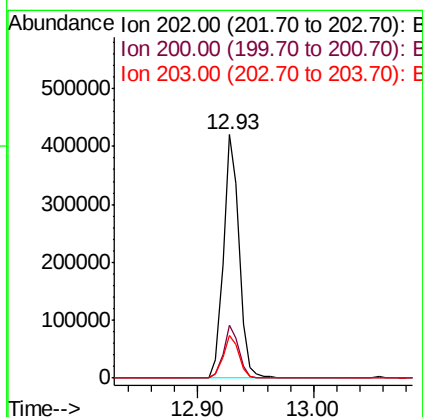
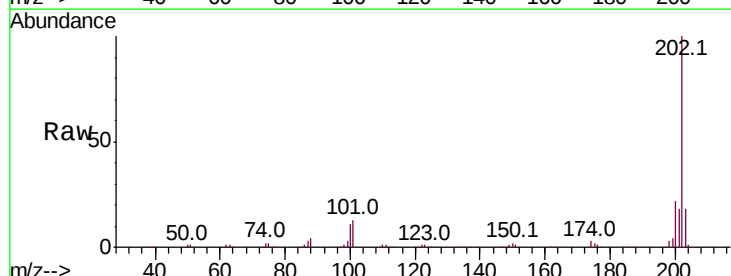
Instrument :
BNA_F
ClientSampleId :

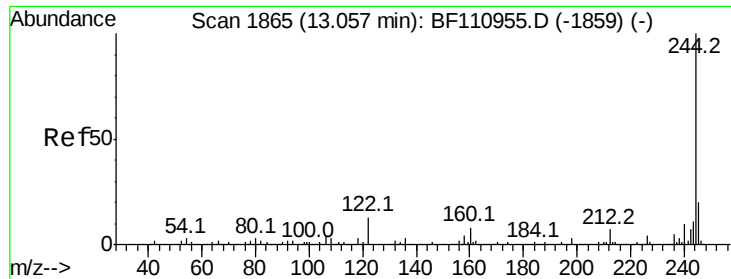
Tot Ion:184 Resp: 154662
Ion Ratio Lower Upper
184 100
185 15.0 13.4 20.2
183 12.2 9.4 14.2



#78
Pyrene
Concen: 23.481 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion:202 Resp: 394886
Ion Ratio Lower Upper
202 100
200 21.5 17.8 26.6
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 48.527 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampleId :

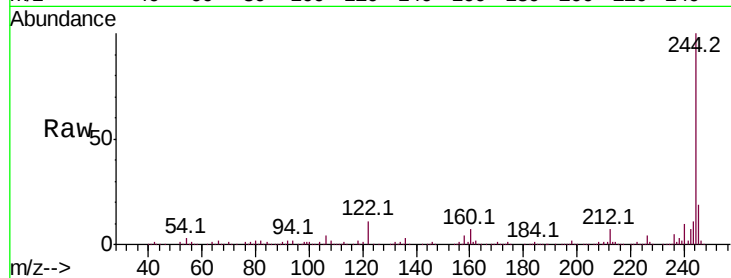
Tot Ion:244 Resp: 565943

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

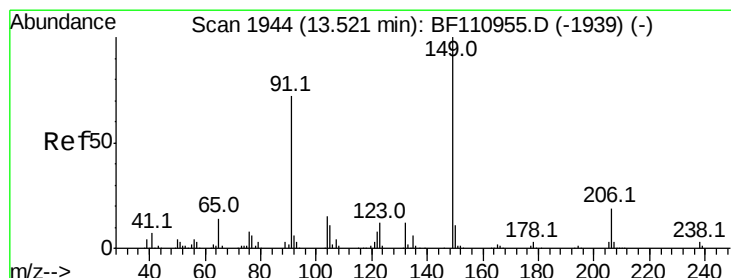
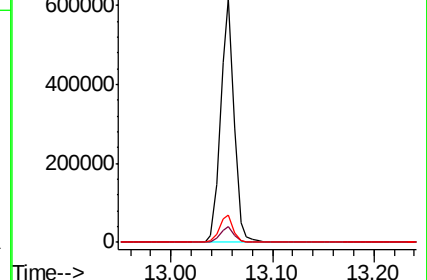
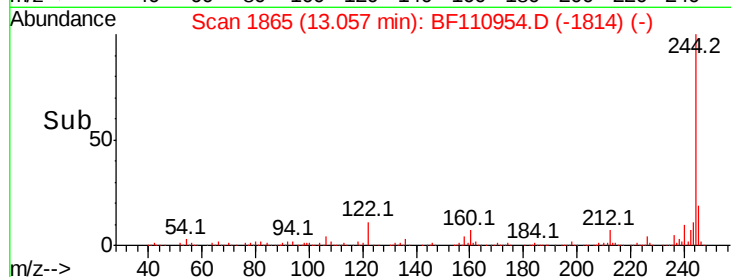
122 11.3 8.7 13.1



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: 24.804 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

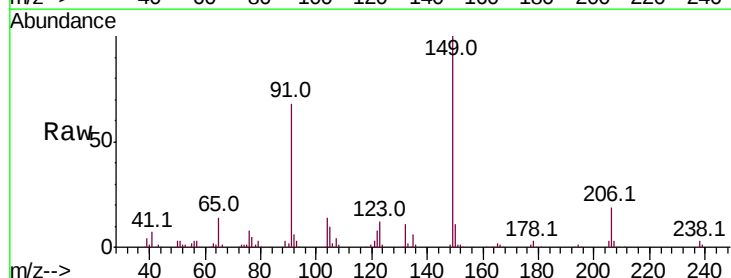
Tgt Ion:149 Resp: 179537

Ion Ratio Lower Upper

149 100

91 67.8 57.2 85.8

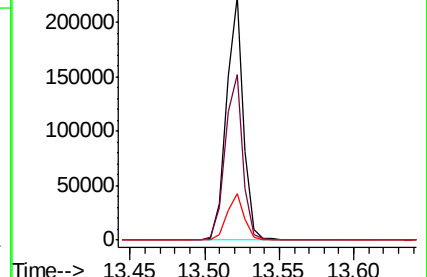
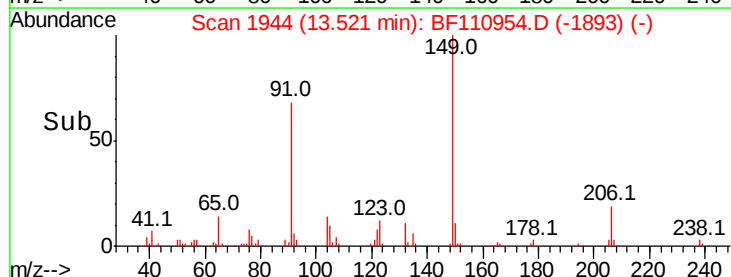
206 19.3 15.7 23.5

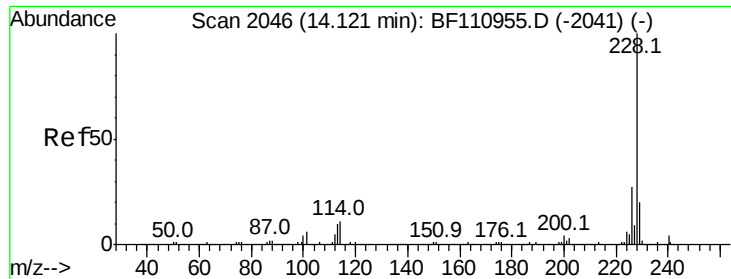


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

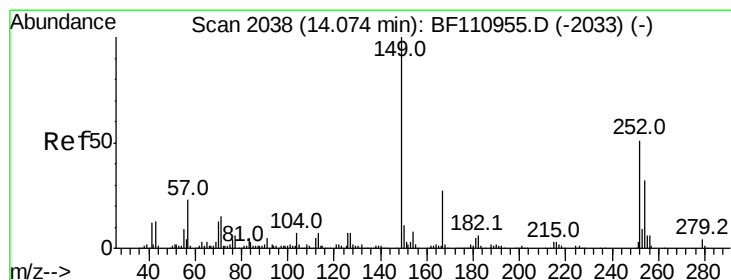
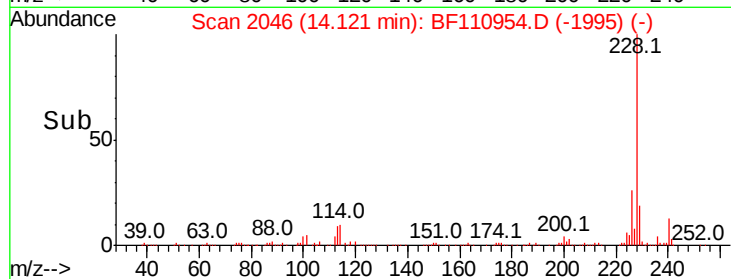
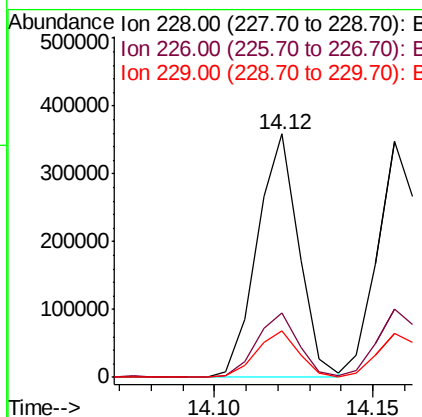
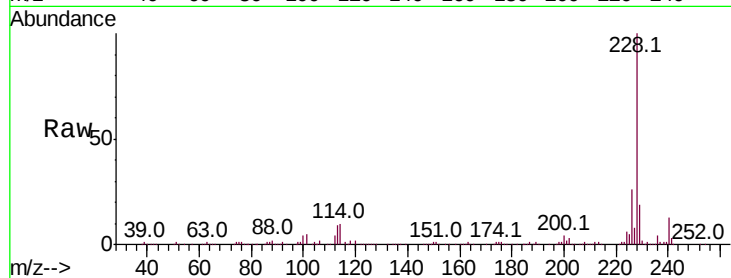




#81
Benzo(a)anthracene
Concen: 25.038 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

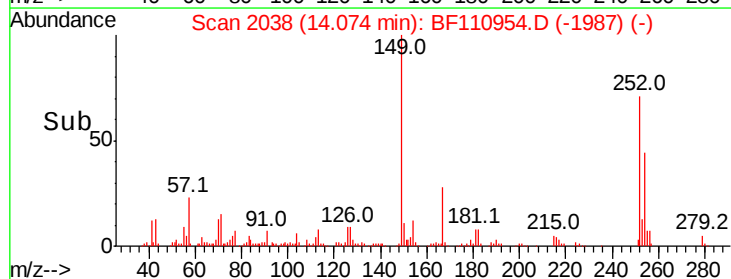
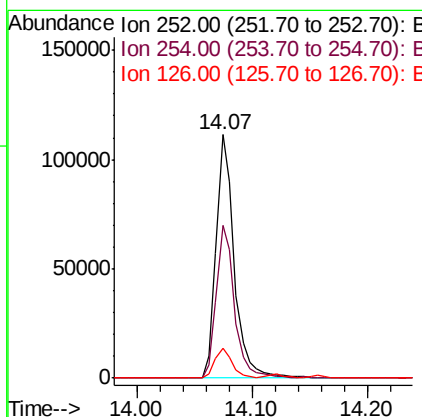
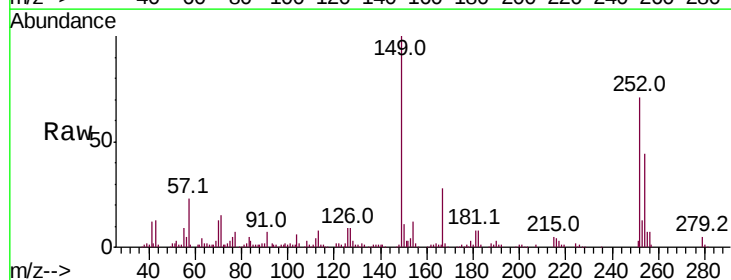
Instrument :
BNA_F
ClientSampleId :

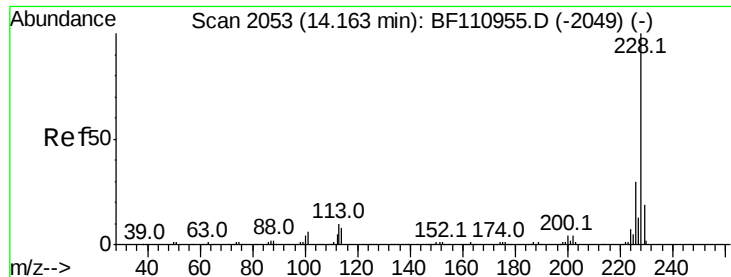
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.1	33.1
229	19.1	15.6	23.4



#82
3,3'-Dichlorobenzidine
Concen: 27.710 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.3	76.9
126	12.3	9.4	14.2





#83

Chrysene

Concen: 26.103 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

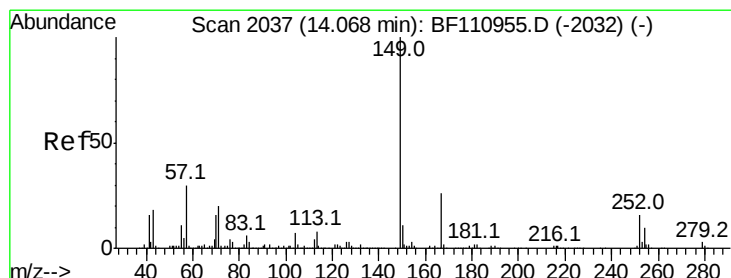
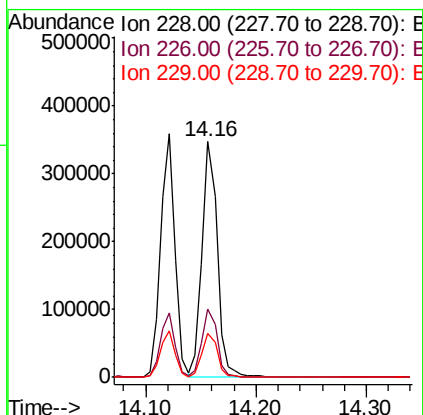
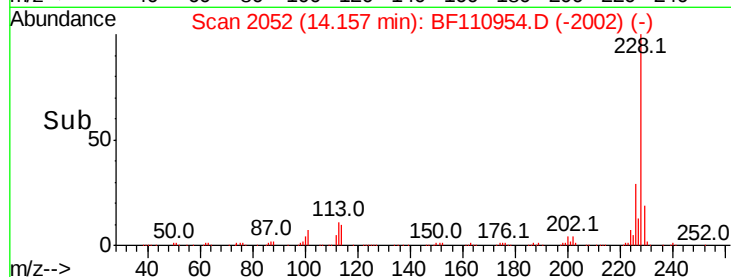
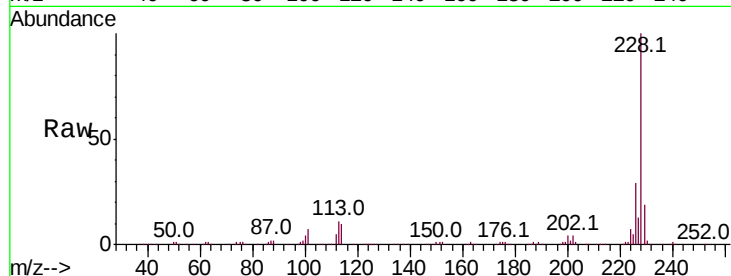
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 324649

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.7	37.1
229	18.8	15.9	23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.737 ng

RT: 14.07 min Scan# 2037

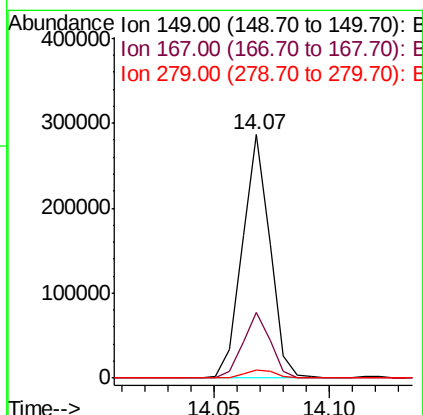
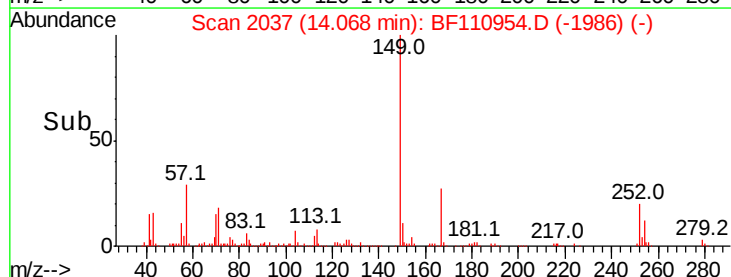
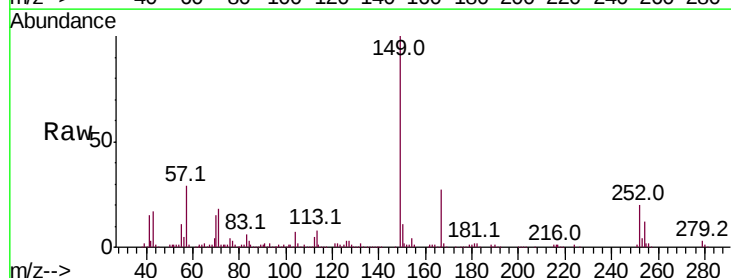
Delta R.T. -0.00 min

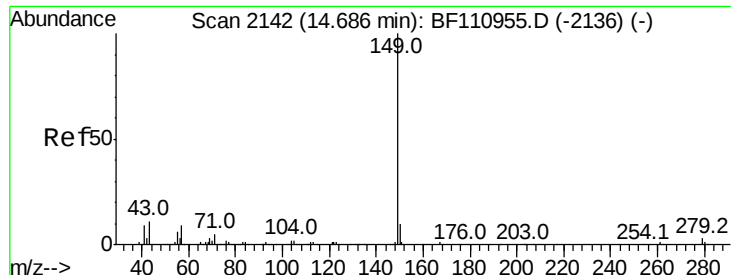
Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Tgt Ion:149 Resp: 240080

Ion	Ratio	Lower	Upper
149	100		
167	27.0	19.8	29.8
279	3.3	2.7	4.1

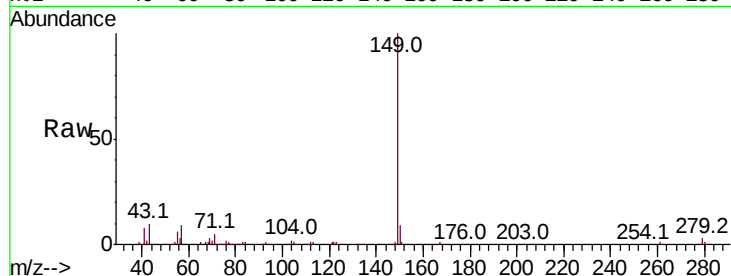




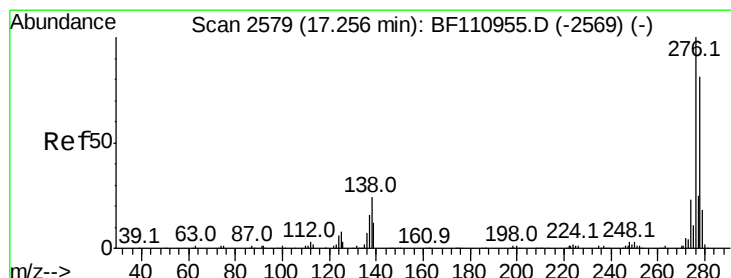
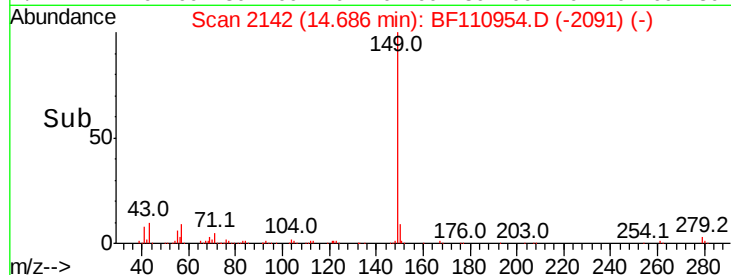
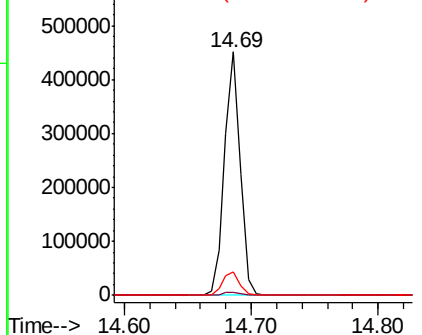
#85
Di-n-octyl phthalate
Concen: 29.559 ng
RT: 14.69 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 390312
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 10.3 7.8 11.8

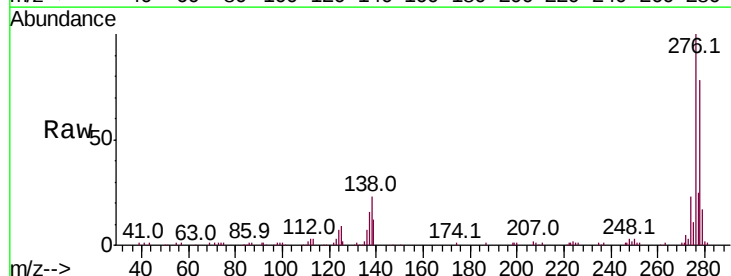


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

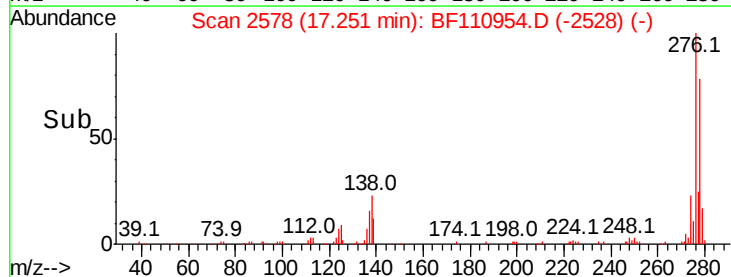
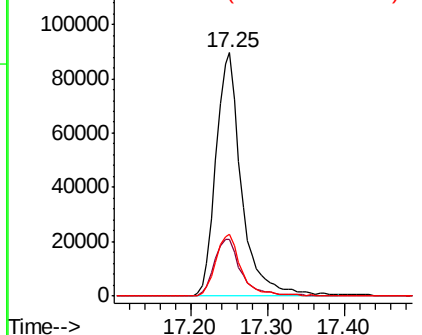


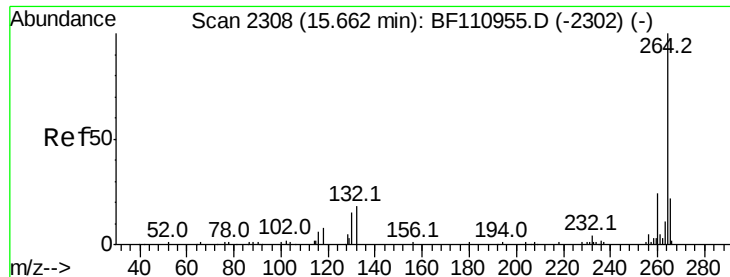
#86
Indeno(1,2,3-cd)pyrene
Concen: 23.189 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion:276 Resp: 206956
Ion Ratio Lower Upper
276 100
138 24.5 18.5 27.7
277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampled :

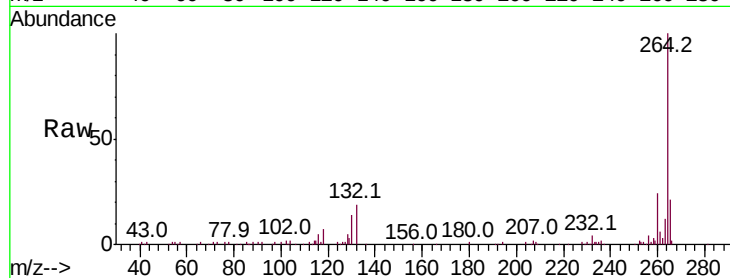
Tot Ion:264 Resp: 169916

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

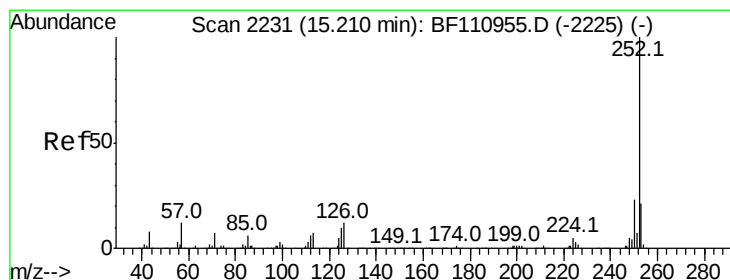
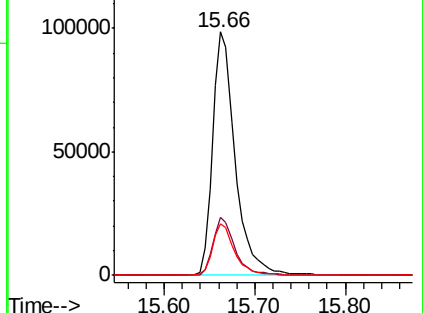
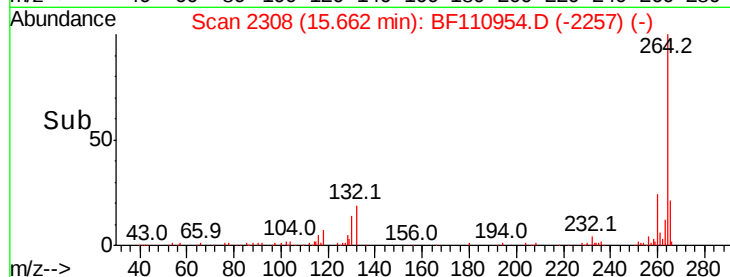
265 21.0 16.7 25.1



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: 25.845 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

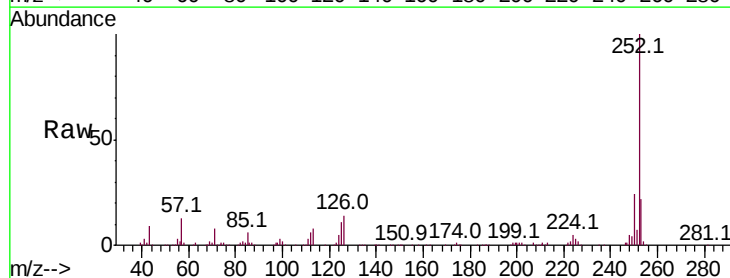
Tgt Ion:252 Resp: 262714

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

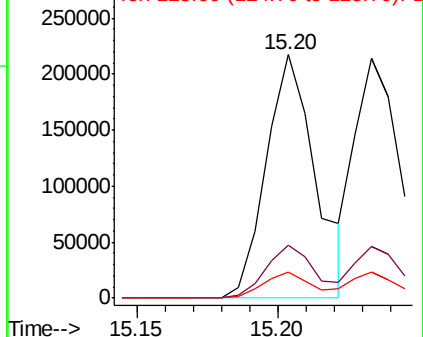
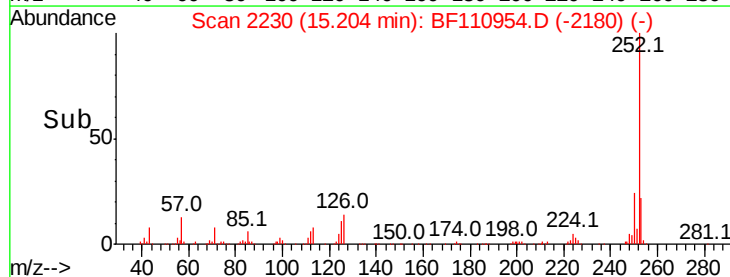
125 10.7 8.2 12.4

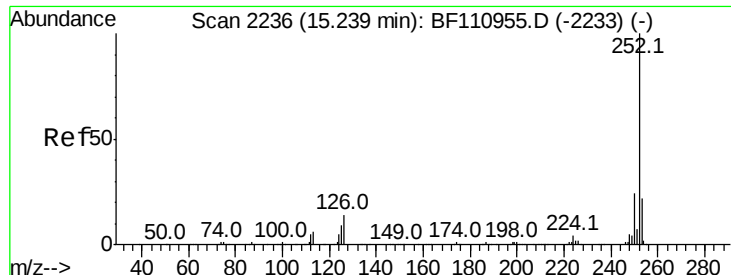


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

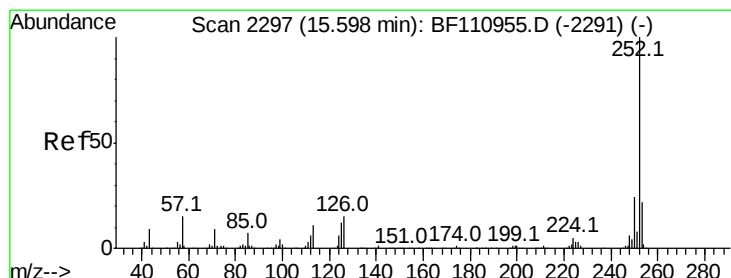
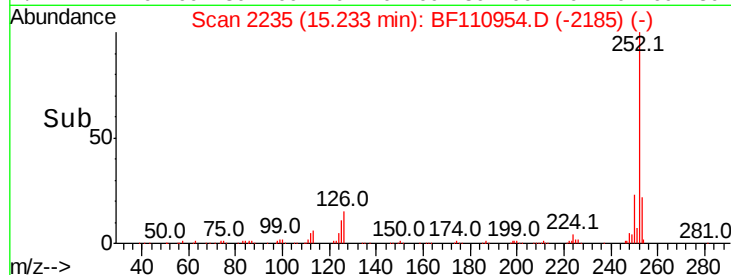
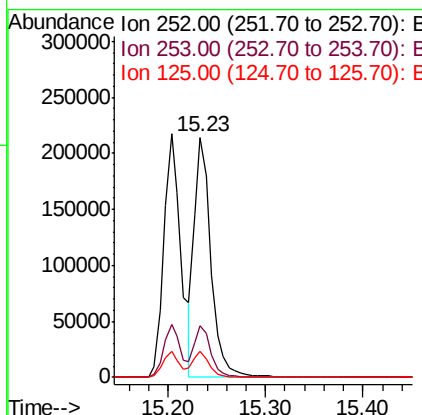
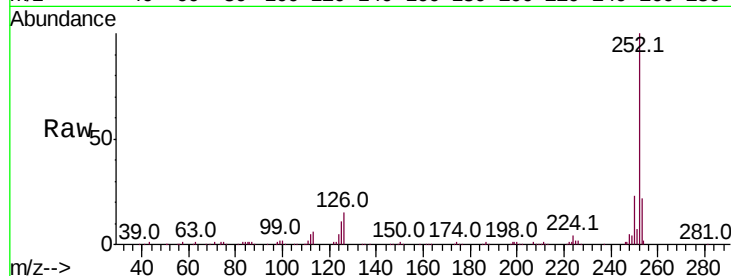




#89
Benzo(k)fluoranthene
Concen: 25.280 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

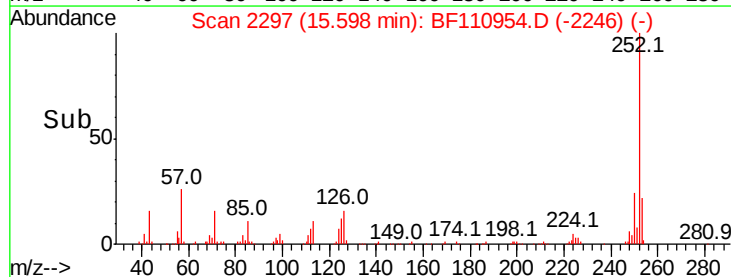
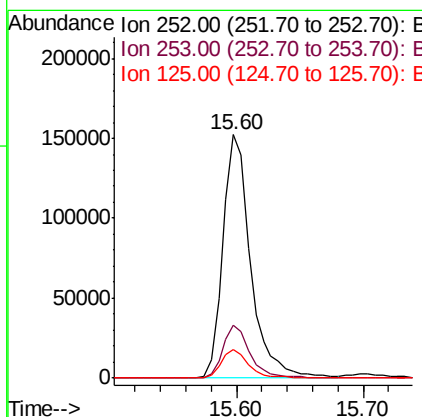
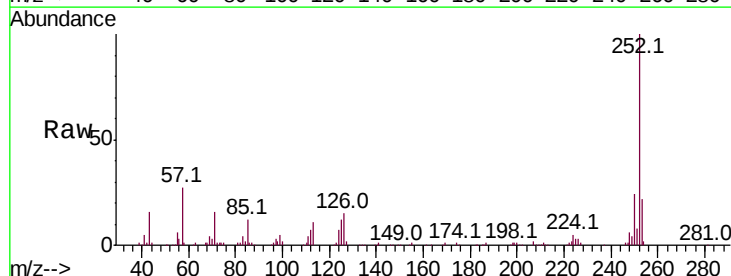
Instrument :
BNA_F
ClientSampled :

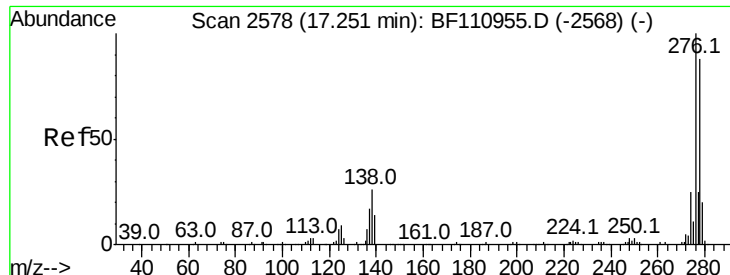
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.7	7.4	11.0



#90
Benzo(a)pyrene
Concen: 25.030 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BF110954.D
Acq: 26 Nov 2018 10:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	12.0	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 22.391 ng

RT: 17.25 min Scan# 2578

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

Instrument :

BNA_F

ClientSampleId :

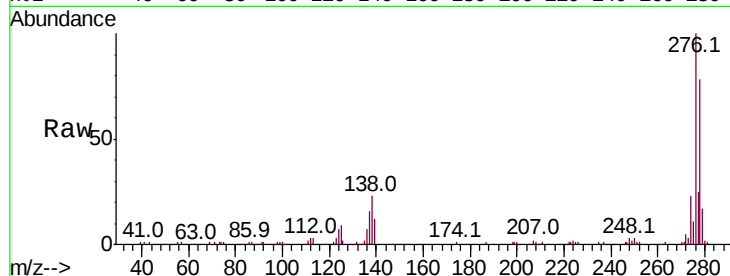
Tot Ion:278 Resp: 175003

Ion Ratio Lower Upper

278 100

139 14.8 12.7 19.1

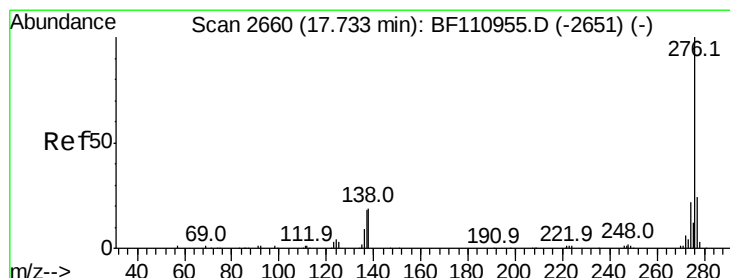
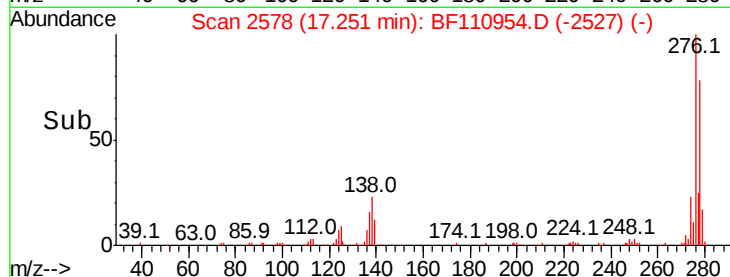
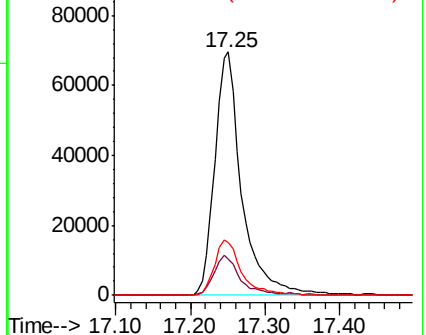
279 21.7 19.0 28.4



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: 21.173 ng

RT: 17.73 min Scan# 2660

Delta R.T. -0.00 min

Lab File: BF110954.D

Acq: 26 Nov 2018 10:31

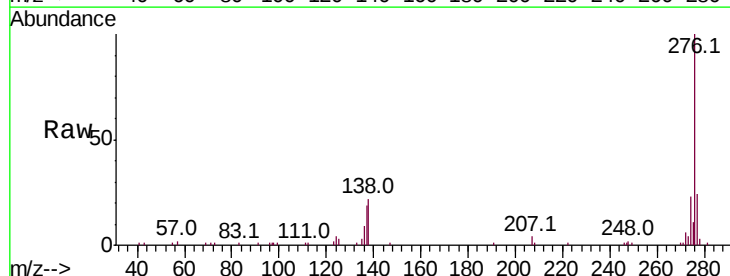
Tgt Ion:276 Resp: 164190

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 21.6 16.0 24.0



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

