

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110955.D
 Acq On : 26 Nov 2018 10:58
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 11:34:41 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	69299	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	294396	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	143955	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	273912	20.00	ng	0.00
76) Chrysene-d12	14.13	240	207150	20.00	ng	0.00
87) Perylene-d12	15.66	264	153371	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	347861	81.54	ng	0.00
7) Phenol-d6	6.57	99	434398	79.62	ng	0.00
23) Nitrobenzene-d5	7.51	82	416868	81.55	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	116147	80.07	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	779672	77.35	ng	0.00
79) Terphenyl-d14	13.06	244	841681	76.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	80034	37.650	ng	88
3) Pyridine	3.55	79	179076	39.028	ng	# 84
4) n-Nitrosodimethylamine	3.52	42	79004	40.129	ng	86
6) Aniline	6.60	93	277480	39.001	ng	# 56
8) 2-Chlorophenol	6.72	128	198509	39.691	ng	98
9) Benzaldehyde	6.50	77	116757	37.716	ng	99
10) Phenol	6.58	94	252537	39.920	ng	# 66
11) bis(2-Chloroethyl)ether	6.67	93	181248	38.231	ng	95
12) 1,3-Dichlorobenzene	6.87	146	217014	39.657	ng	100
13) 1,4-Dichlorobenzene	6.95	146	223147	40.157	ng	98
14) 1,2-Dichlorobenzene	7.11	146	210113	40.645	ng	98
15) Benzyl Alcohol	7.09	79	170883	40.025	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	291941	39.212	ng	77
17) 2-Methylphenol	7.19	107	157228	39.501	ng	# 84
18) Hexachloroethane	7.44	117	82443	40.187	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	142226	40.840	ng	93
20) 3+4-Methylphenols	7.35	107	208516	40.808	ng	# 86
22) Acetophenone	7.35	105	279605	40.752	ng	# 94
24) Nitrobenzene	7.53	77	213605	40.783	ng	95
25) Isophorone	7.76	82	341208	40.724	ng	96
26) 2-Nitrophenol	7.84	139	108293	41.446	ng	98
27) 2,4-Dimethylphenol	7.87	122	162967	40.954	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	228857	40.342	ng	99
29) 2,4-Dichlorophenol	8.08	162	171795	41.957	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	188020	40.728	ng	95
31) Naphthalene	8.25	128	554097	40.093	ng	100
32) Benzoic acid	8.02	122	120960	42.962	ng	95
33) 4-Chloroaniline	8.30	127	240565	38.429	ng	98
34) Hexachlorobutadiene	8.35	225	106187	40.270	ng	98
35) Caprolactam	8.69	113	57044	41.700	ng	93
36) 4-Chloro-3-methylphenol	8.78	107	188795	42.753	ng	95
37) 2-Methylnaphthalene	8.93	142	368489	40.673	ng	98
38) 1-Methylnaphthalene	9.03	142	352874	40.500	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	182952	40.150	ng	98

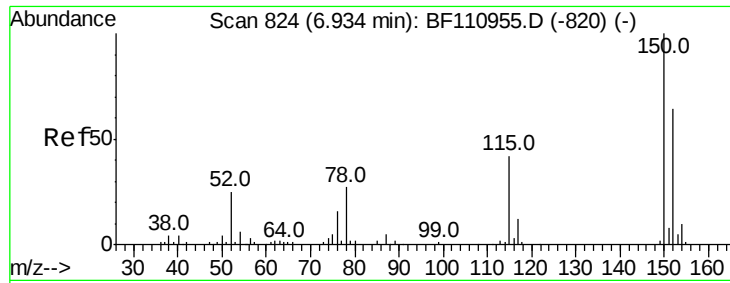
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	18004	12.314	ng	100
43) 2,4,6-Trichlorophenol	9.22	196	112160	39.170	ng	95
44) 2,4,5-Trichlorophenol	9.26	196	118047	38.648	ng	95
46) 1,1'-Biphenyl	9.40	154	533265	39.710	ng	99
47) 2-Chloronaphthalene	9.43	162	387505	40.053	ng	99
48) 2-Nitroaniline	9.53	65	121943	40.902	ng	97
49) Acenaphthylene	9.85	152	547217	39.275	ng	99
50) Dimethylphthalate	9.70	163	418460	38.957	ng	99
51) 2,6-Dinitrotoluene	9.77	165	95825	40.554	ng	94
52) Acenaphthene	10.02	154	350174	39.769	ng	97
53) 3-Nitroaniline	9.95	138	111332	40.668	ng	89
54) 2,4-Dinitrophenol	10.07	184	33713	40.383	ng	91
55) Dibenzofuran	10.19	168	504373	39.152	ng	99
56) 4-Nitrophenol	10.12	139	58935	32.450	ng	97
57) 2,4-Dinitrotoluene	10.19	165	124268	40.448	ng	# 88
58) Fluorene	10.53	166	398021	40.224	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	93966	39.106	ng	91
60) Diethylphthalate	10.39	149	428325	40.306	ng	100
61) 4-Chlorophenyl-phenylether	10.52	204	207745	40.549	ng	96
62) 4-Nitroaniline	10.57	138	104331	37.846	ng	97
63) Azobenzene	10.68	77	423647	40.861	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	53615	38.838	ng	98
66) n-Nitrosodiphenylamine	10.64	169	369348	40.005	ng	96
67) 4-Bromophenyl-phenylether	11.01	248	122233	40.377	ng	93
68) Hexachlorobenzene	11.09	284	128230	40.176	ng	95
69) Atrazine	11.16	200	106546	37.742	ng	100
70) Pentachlorophenol	11.29	266	54399	31.942	ng	96
71) Phenanthrene	11.50	178	580161	39.534	ng	99
72) Anthracene	11.56	178	594333	40.149	ng	100
73) Carbazole	11.72	167	576990	40.586	ng	99
74) Di-n-butylphthalate	12.02	149	675376	40.511	ng	99
75) Fluoranthene	12.70	202	595709	40.490	ng	100
77) Benzidine	12.82	184	192706	33.828	ng	99
78) Pyrene	12.93	202	608611	38.157	ng	98
80) Butylbenzylphthalate	13.52	149	280261	40.824	ng	99
81) Benzo(a)anthracene	14.12	228	498243	40.241	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	172990	41.707	ng	99
83) Chrysene	14.16	228	486059	41.206	ng	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	370433	43.497	ng	98
85) Di-n-octyl phthalate	14.69	149	589085	47.038	ng	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	331881	39.208	ng	98
88) Benzo(b)fluoranthene	15.21	252	370507	40.381	ng	98
89) Benzo(k)fluoranthene	15.24	252	380963	42.020	ng	100
90) Benzo(a)pyrene	15.60	252	336067	40.314	ng	98
91) Dibenzo(a,h)anthracene	17.25	278	278478	39.475	ng	99
92) Benzo(g,h,i)perylene	17.73	276	272088	38.873	ng	99

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

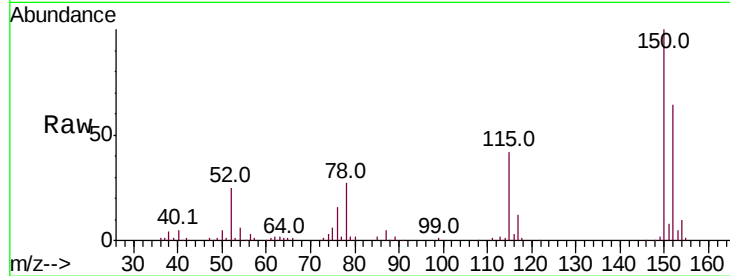


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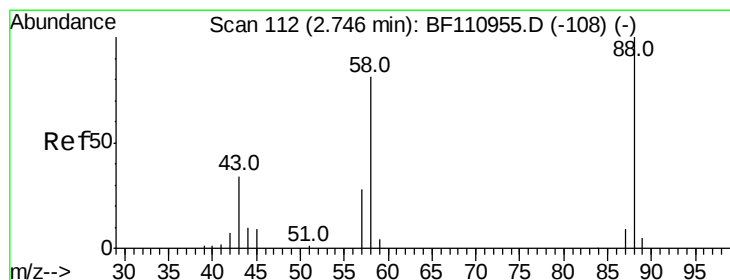
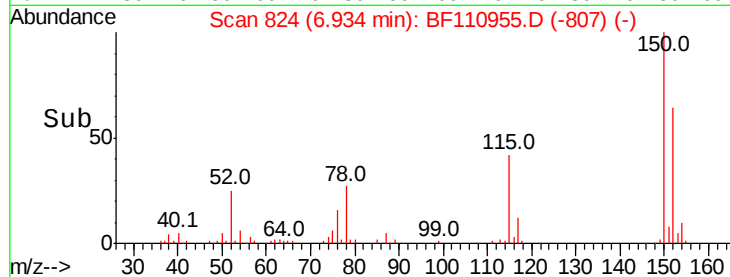
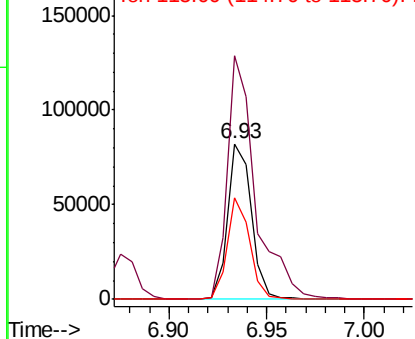
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69299
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 64.9 49.1 73.7



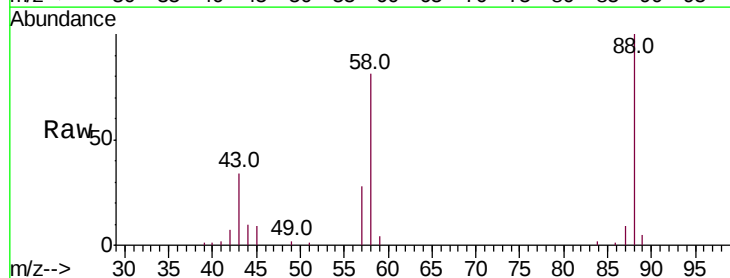
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



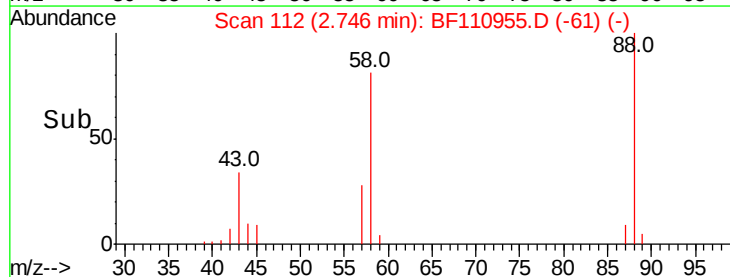
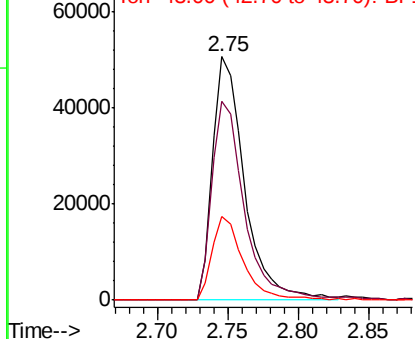
#2

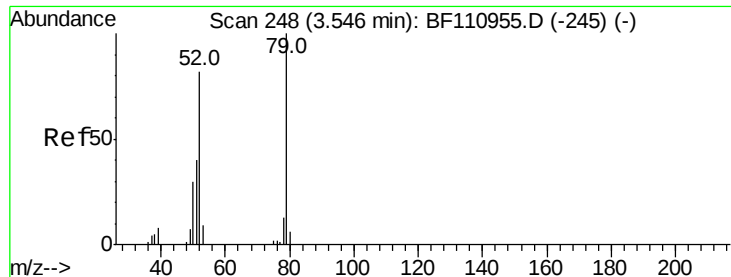
1,4-Dioxane
Concen: 37.650 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion: 88 Resp: 80034
Ion Ratio Lower Upper
88 100
58 83.5 57.1 85.7
43 33.5 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: 39.028 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :

BNA_F

ClientSampleId :

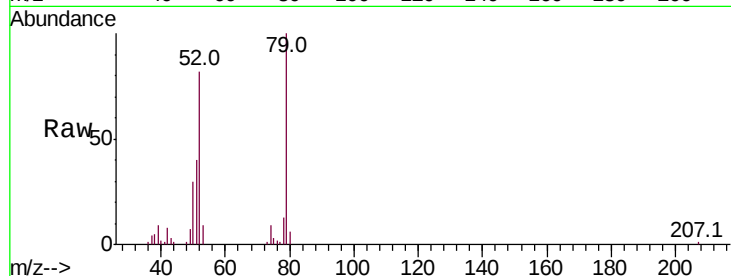
Tot Ion: 79 Resp: 179076

Ion Ratio Lower Upper

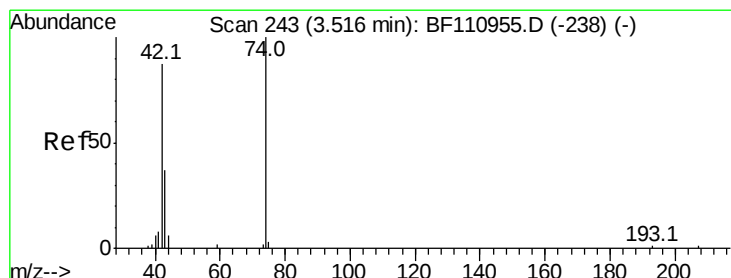
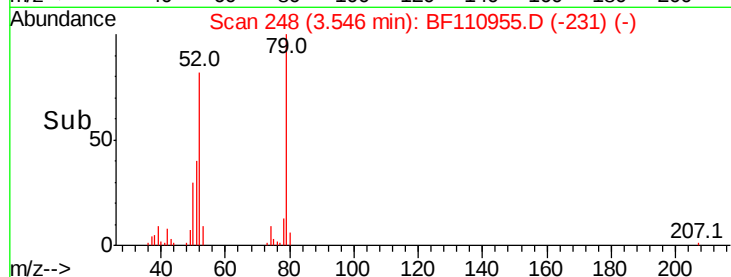
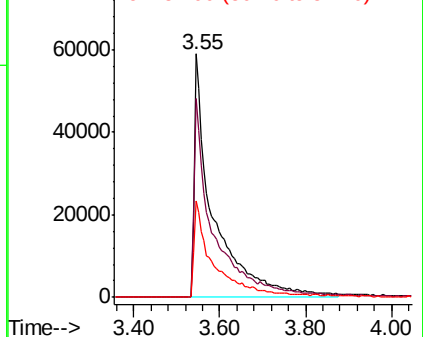
79 100

52 81.7 53.1 79.7#

51 39.7 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: 40.129 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

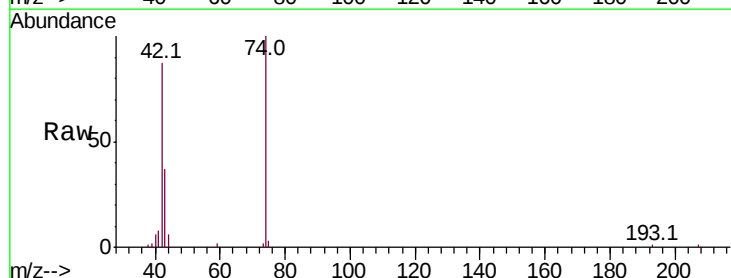
Tgt Ion: 42 Resp: 79004

Ion Ratio Lower Upper

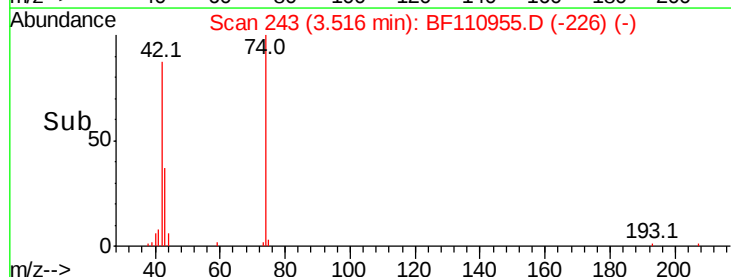
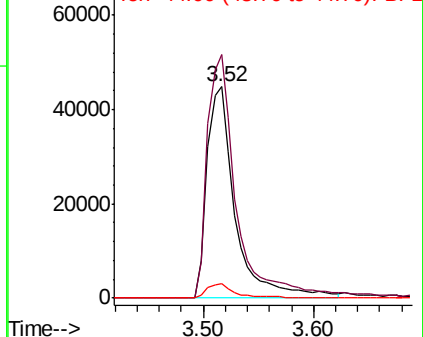
42 100

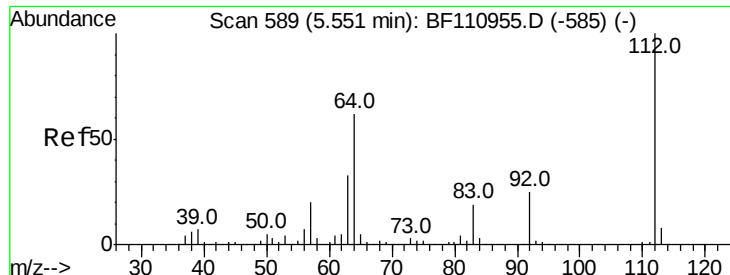
74 115.2 105.5 158.3

44 6.9 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: 81.536 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :

BNA_F

ClientSampleId :

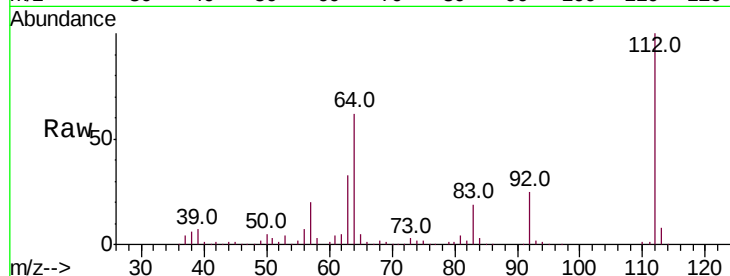
Tot Ion:112 Resp: 347861

Ion Ratio Lower Upper

112 100

64 61.6 44.1 66.1

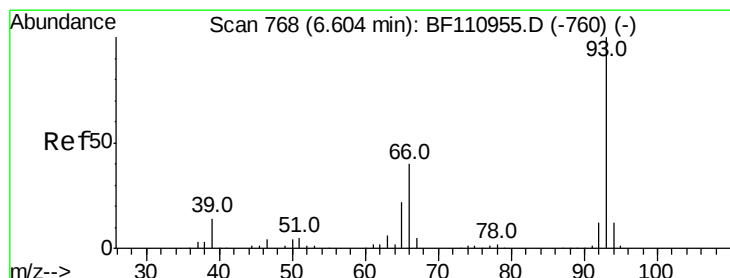
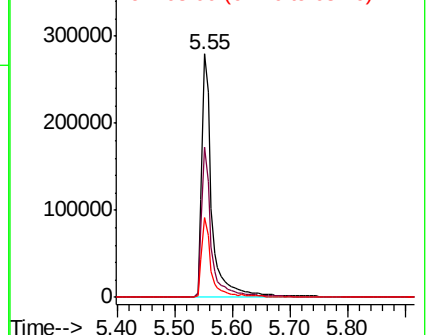
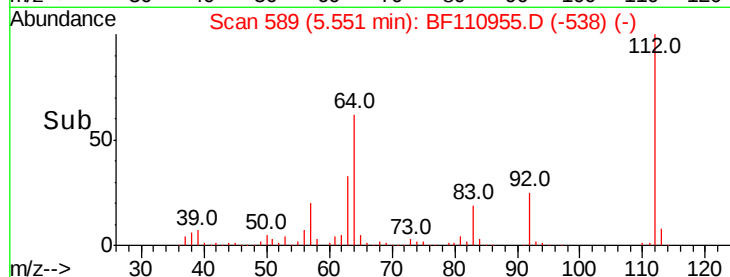
63 32.9 23.7 35.5



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: 39.001 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

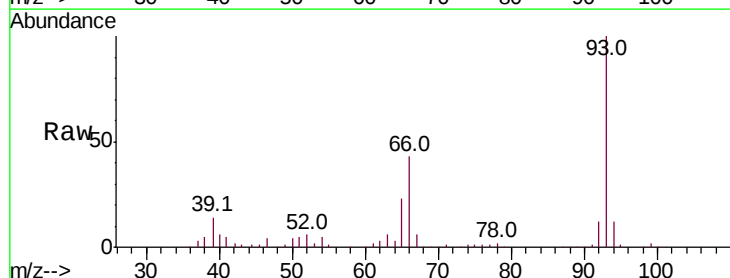
Tgt Ion: 93 Resp: 277480

Ion Ratio Lower Upper

93 100

66 42.6 67.4 101.0#

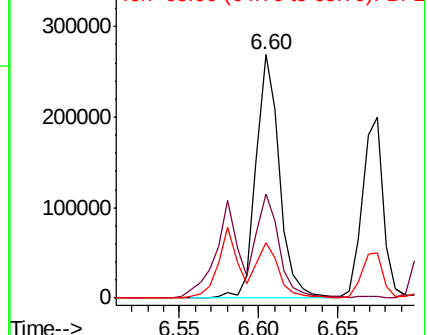
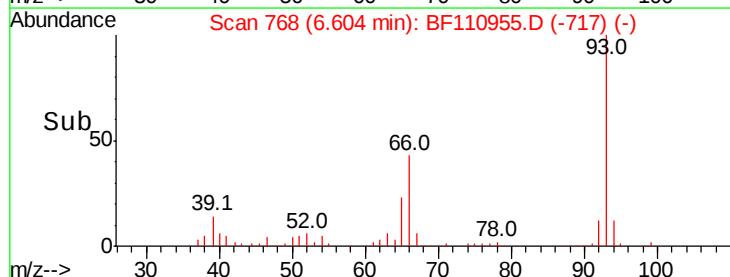
65 22.9 41.0 61.4#

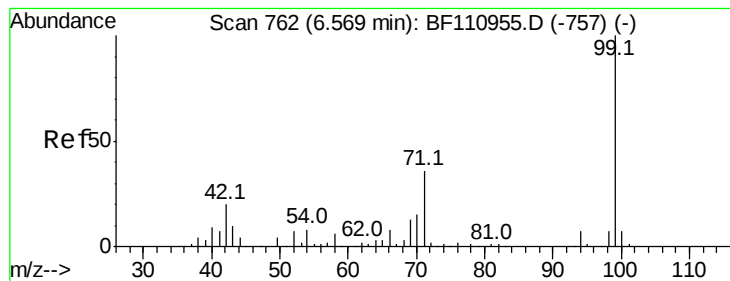


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.624 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :

BNA_F

ClientSampled :

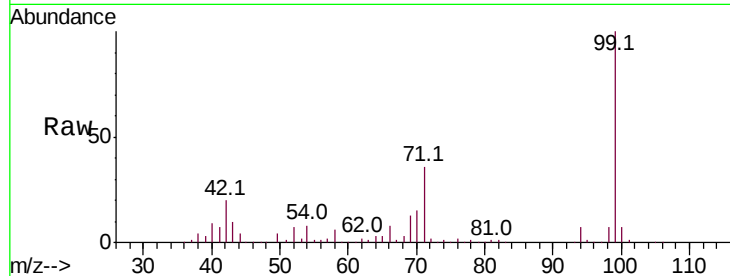
Tot Ion: 99 Resp: 434398

Ion Ratio Lower Upper

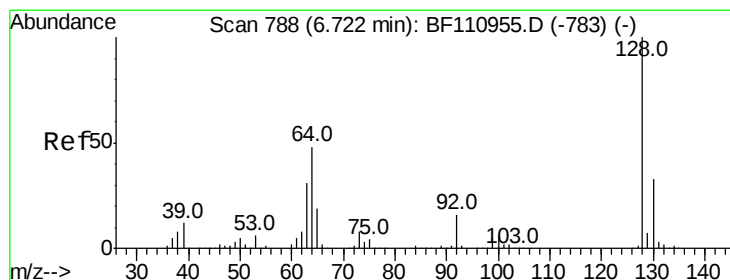
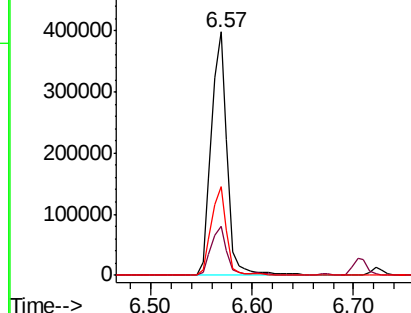
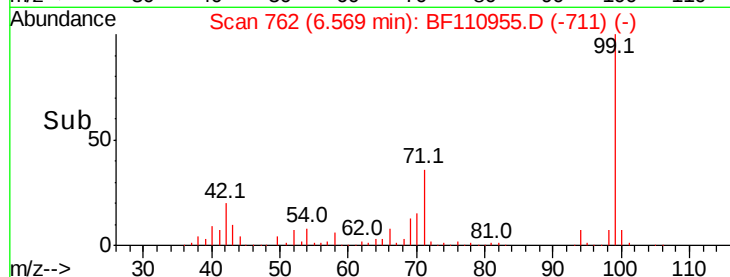
99 100

42 20.0 15.8 23.6

71 36.4 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: 39.691 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

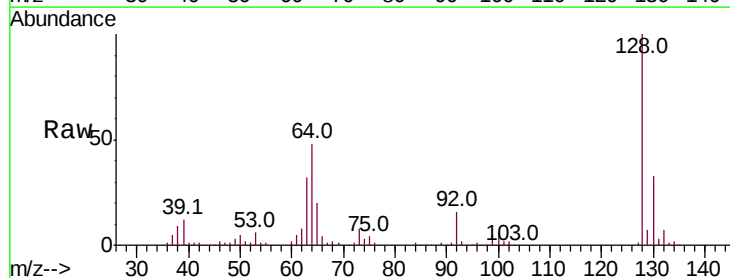
Tgt Ion:128 Resp: 198509

Ion Ratio Lower Upper

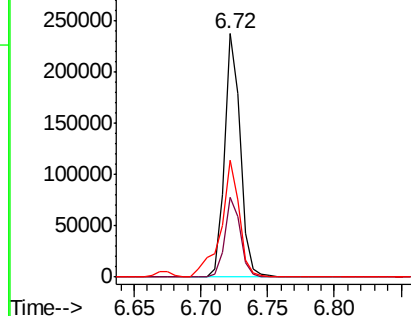
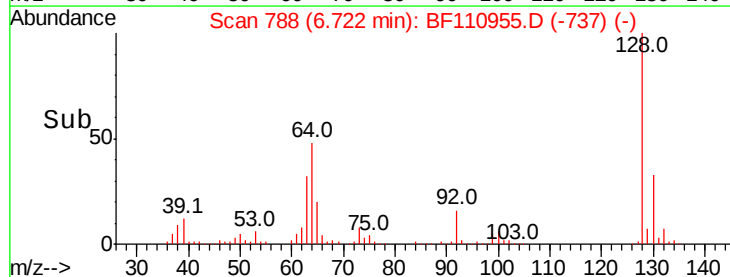
128 100

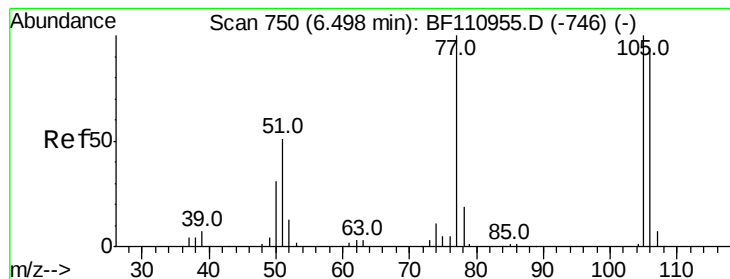
130 33.0 13.1 53.1

64 48.0 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: 37.716 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :

BNA_F

ClientSampled :

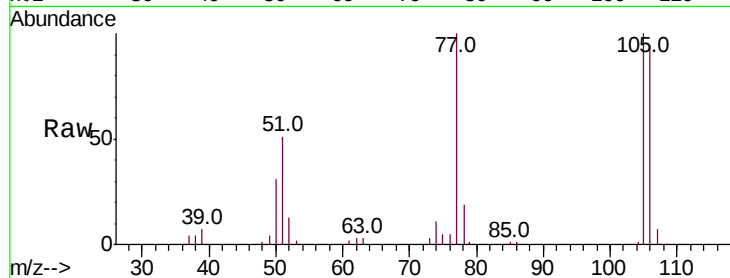
Tot Ion: 77 Resp: 116757

Ion Ratio Lower Upper

77 100

105 100.1 78.6 118.6

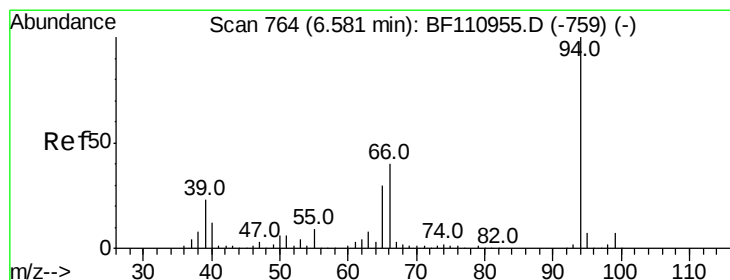
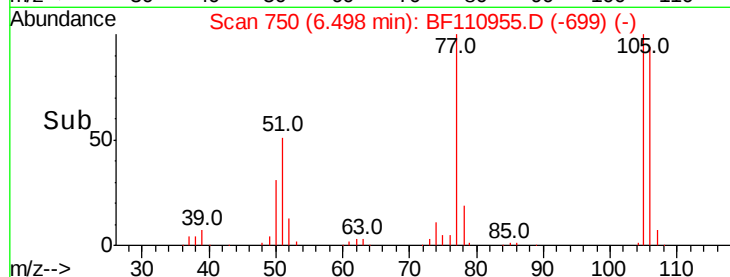
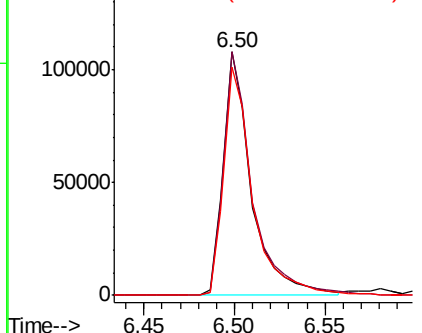
106 94.1 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.920 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

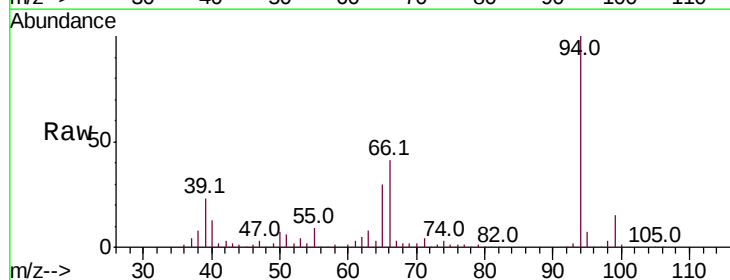
Tgt Ion: 94 Resp: 252537

Ion Ratio Lower Upper

94 100

65 29.8 25.3 65.3

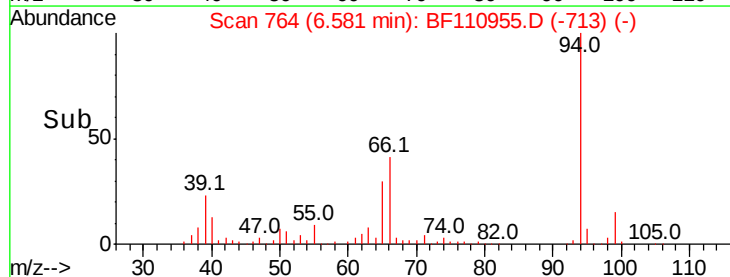
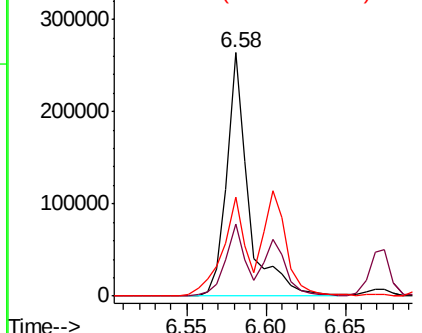
66 40.8 54.5 94.5#

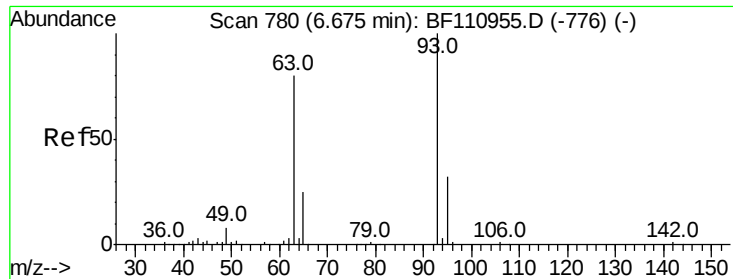


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

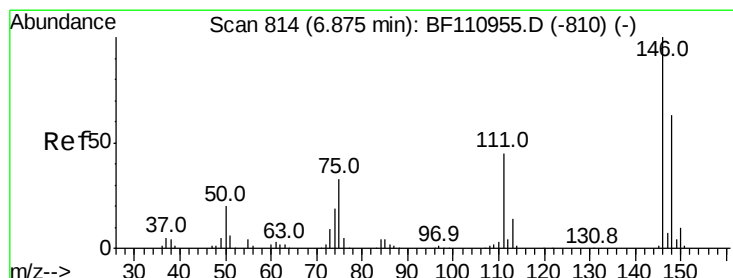
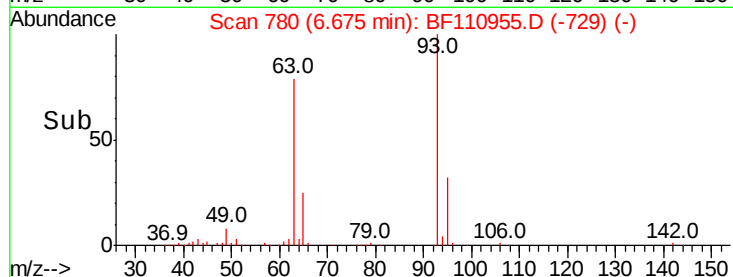
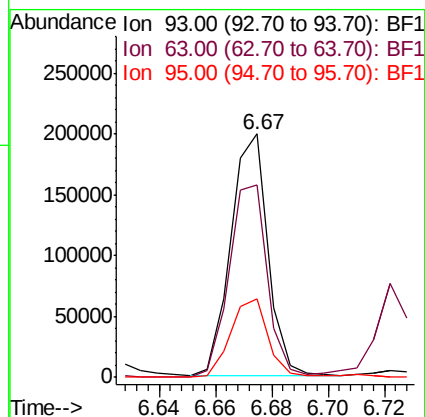
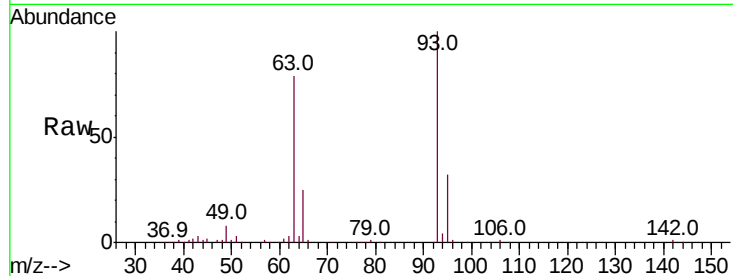




#11
bis(2-Chloroethyl)ether
Concen: 38.231 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

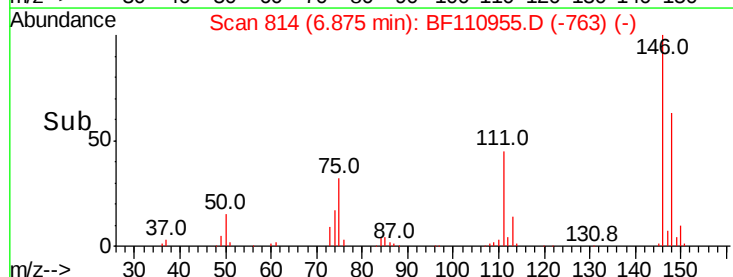
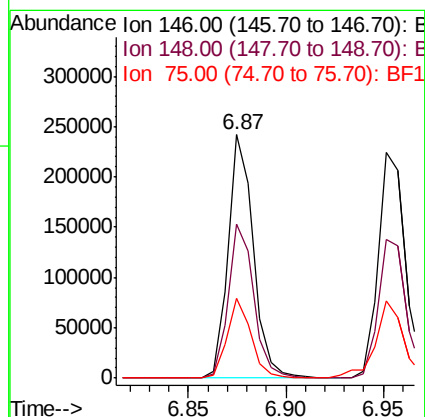
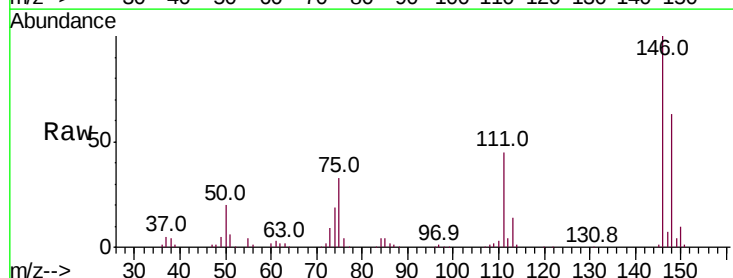
Instrument :
BNA_F
ClientSampled :

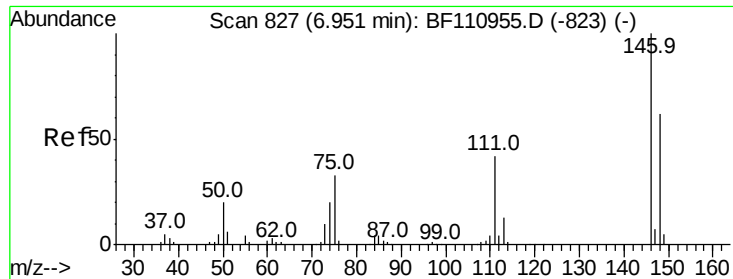
Tot Ion: 93 Resp: 181248
Ion Ratio Lower Upper
93 100
63 79.2 53.4 93.4
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.657 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion: 146 Resp: 217014
Ion Ratio Lower Upper
146 100
148 63.1 50.4 75.6
75 32.5 25.8 38.6

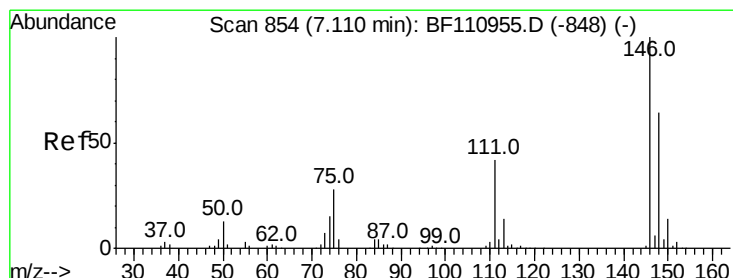
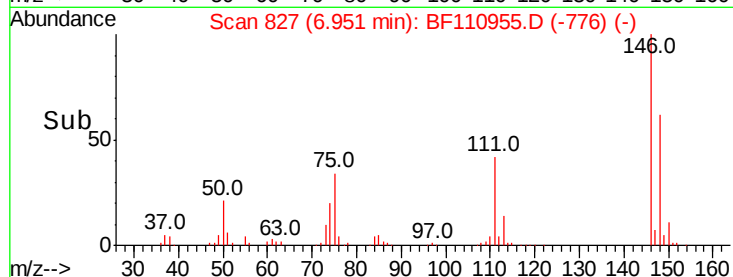
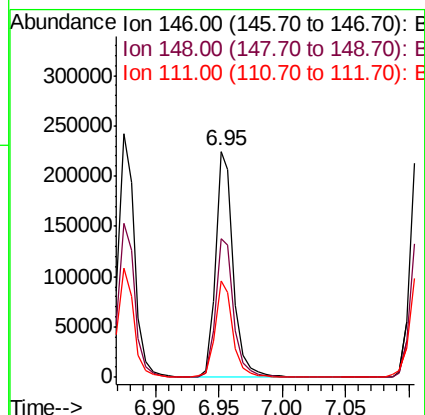
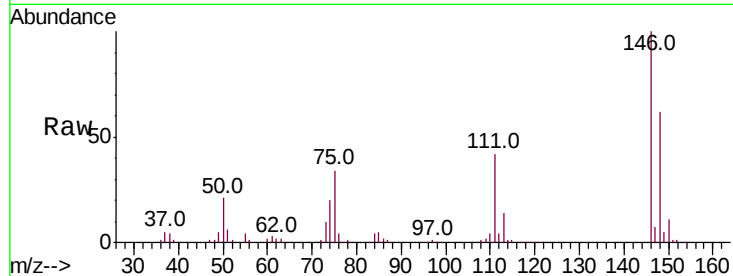




#13
 1,4-Dichlorobenzene
 Concen: 40.157 ng
 RT: 6.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

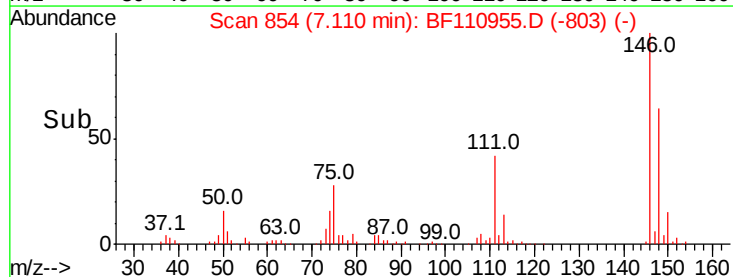
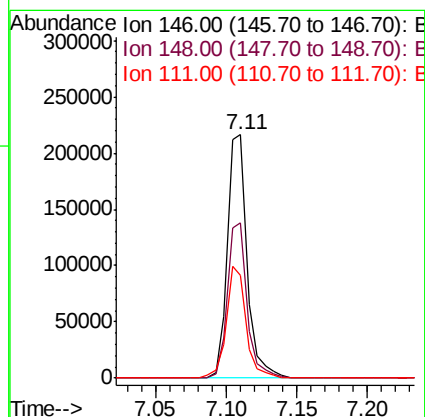
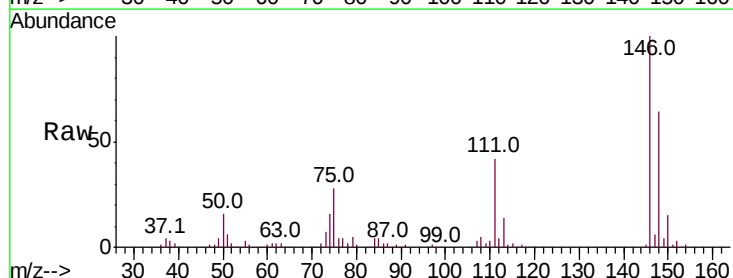
Instrument :
 BNA_F
 ClientSampleId :

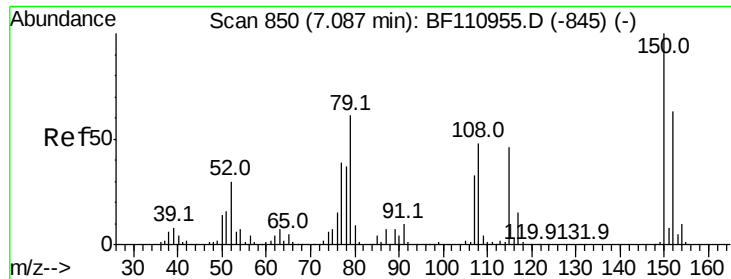
Tot Ion:146 Resp: 223147
 Ion Ratio Lower Upper
 146 100
 148 61.5 50.3 75.5
 111 42.4 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.645 ng
 RT: 7.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

Tgt Ion:146 Resp: 210113
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 42.3 35.8 53.6

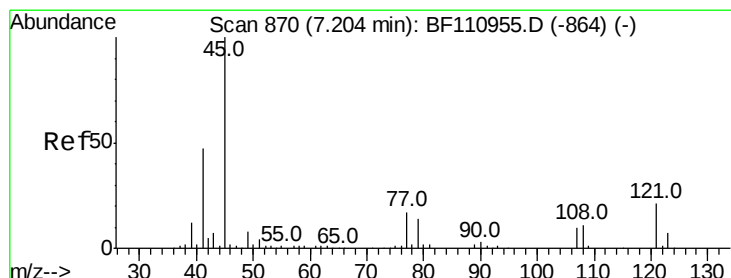
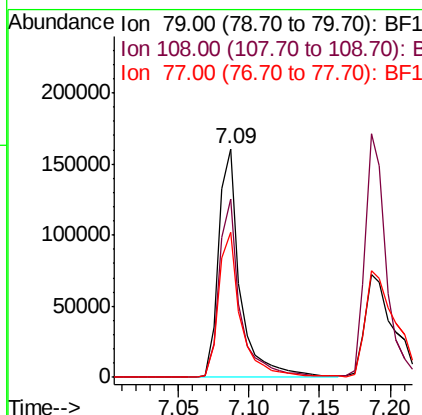
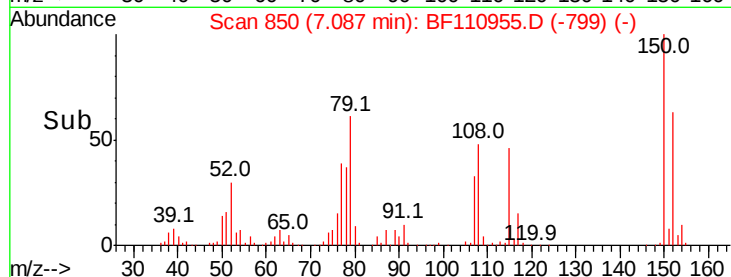
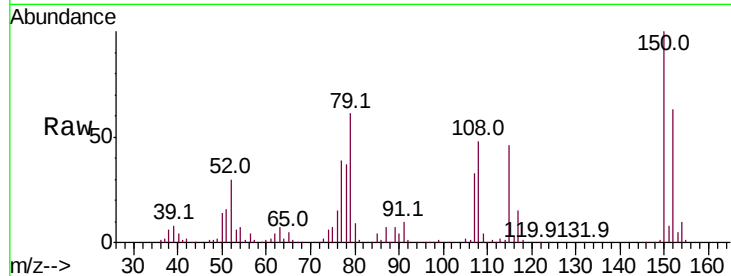




#15
Benzyl Alcohol
Concen: 40.025 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

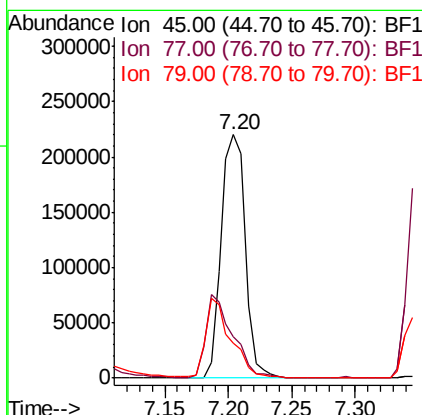
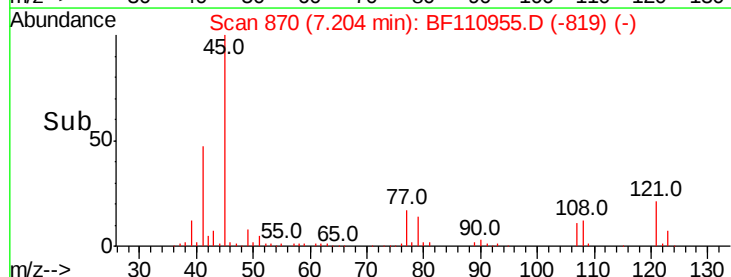
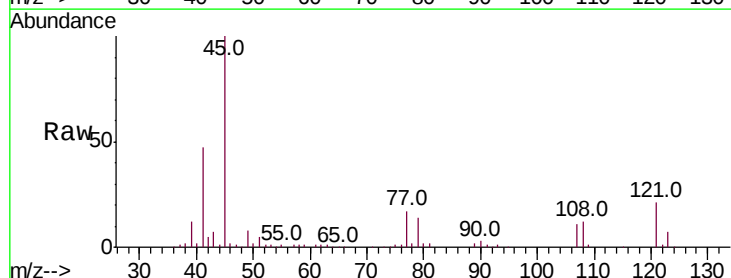
Instrument :
BNA_F
ClientSampled :

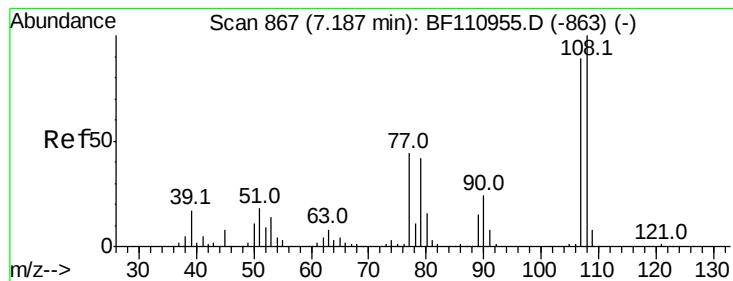
Tot Ion: 79 Resp: 170883
Ion Ratio Lower Upper
79 100
108 77.8 56.3 84.5
77 63.5 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.212 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion: 45 Resp: 291941
Ion Ratio Lower Upper
45 100
77 17.2 10.0 50.0
79 14.4 6.1 46.1

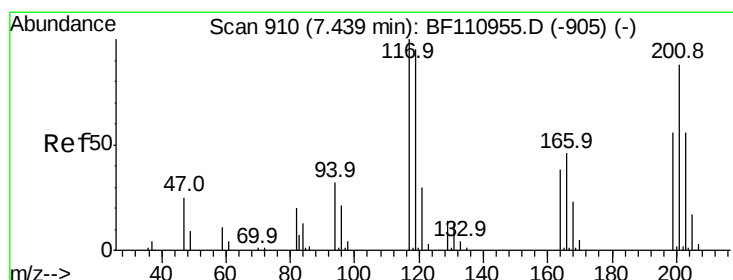
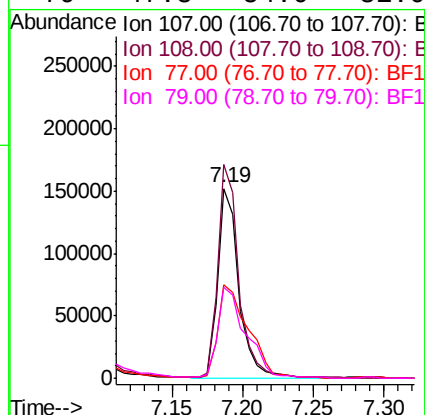
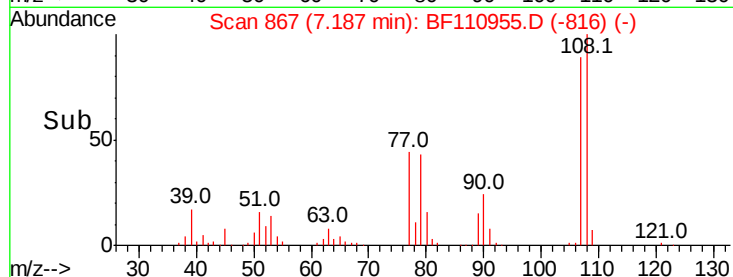
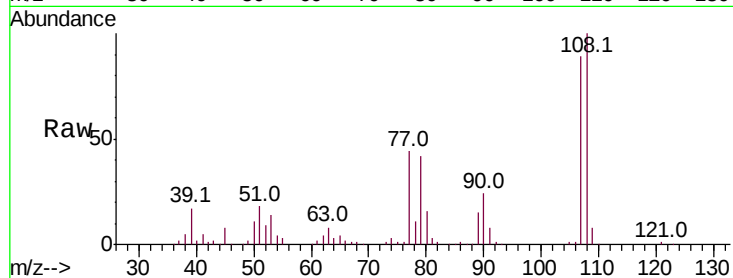




#17
2-Methylphenol
Concen: 39.501 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

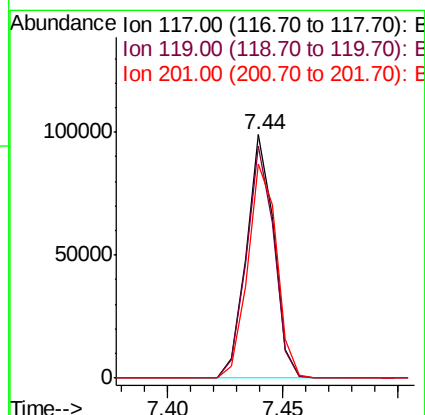
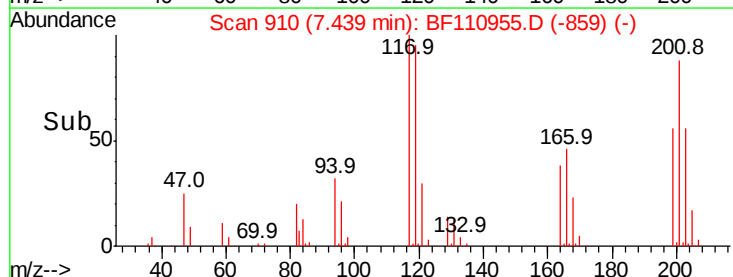
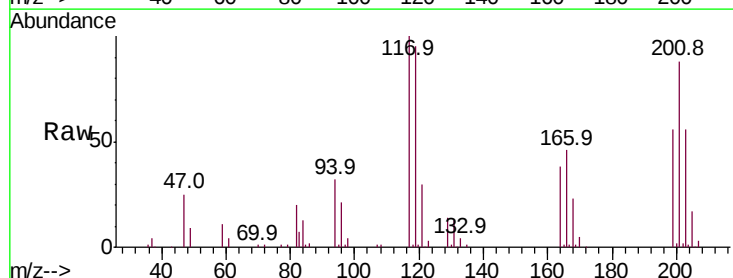
Instrument :
BNA_F
ClientSampleId :

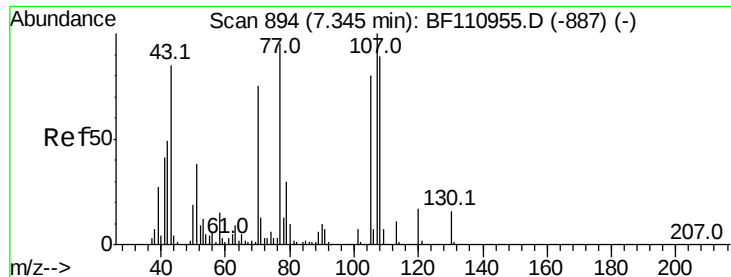
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.6	138.8
77	49.6	59.4	89.2#
79	47.8	54.0	81.0#



#18
Hexachloroethane
Concen: 40.187 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.0	112.6
201	87.8	79.2	118.8

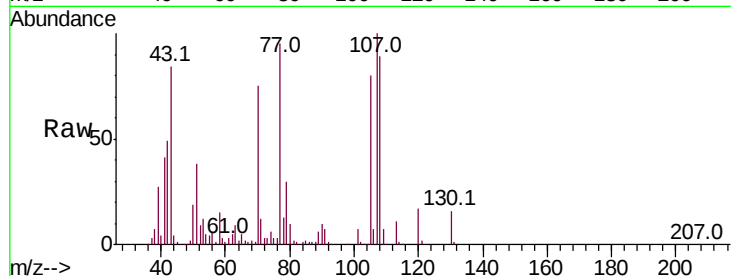




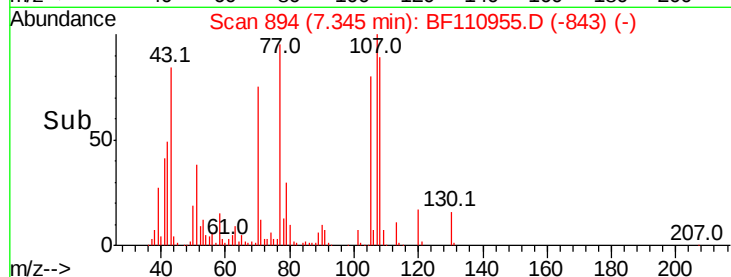
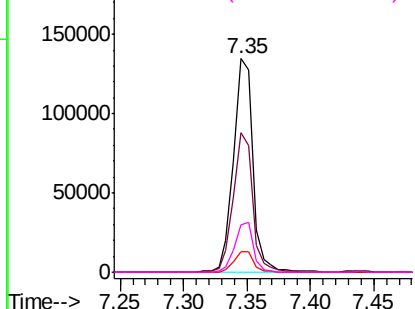
#19
n-Nitroso-di-n-propylamine
Concen: 40.840 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 142226
Ion Ratio Lower Upper
70 100
42 65.4 47.4 71.2
101 9.9 7.3 10.9
130 22.0 16.2 24.2



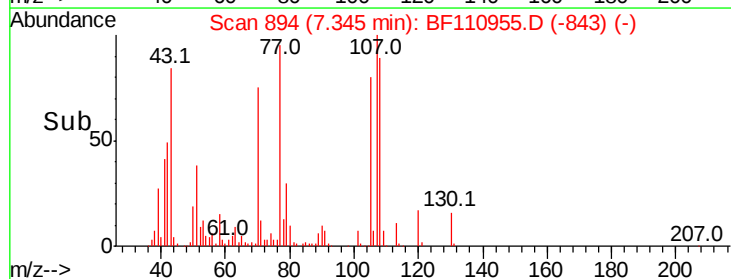
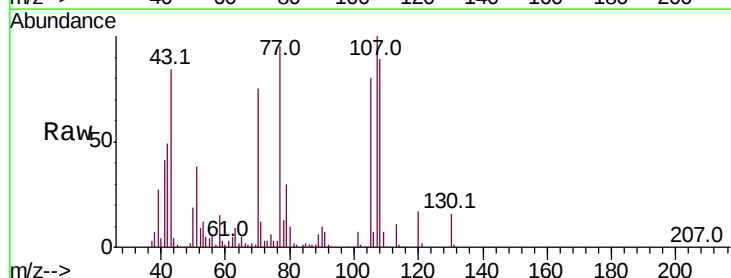
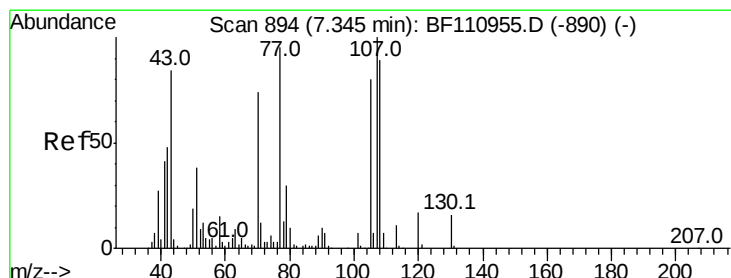
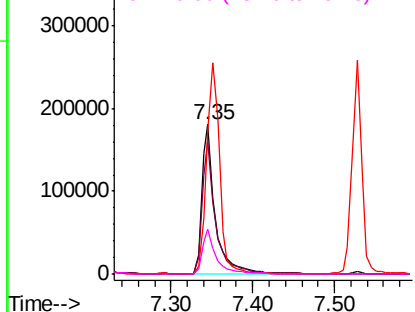
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

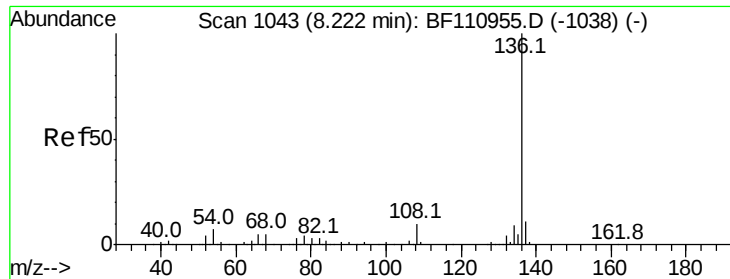


#20
3+4-Methylphenols
Concen: 40.808 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion:107 Resp: 208516
Ion Ratio Lower Upper
107 100
108 89.2 71.4 111.4
77 95.3 47.3 87.3#
79 30.1 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

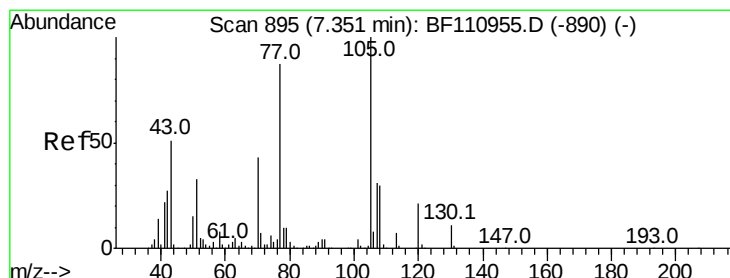
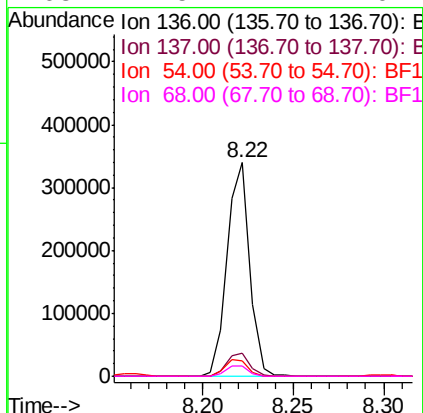
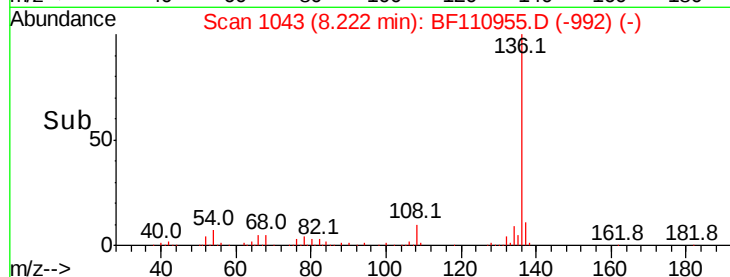
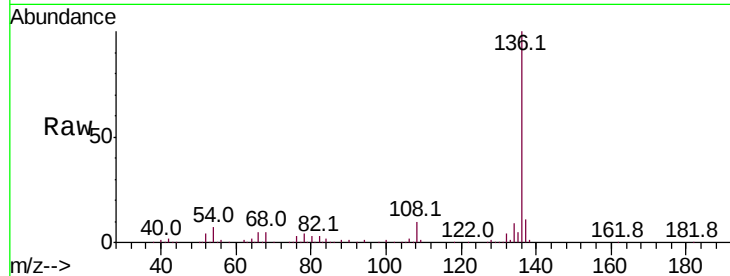




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

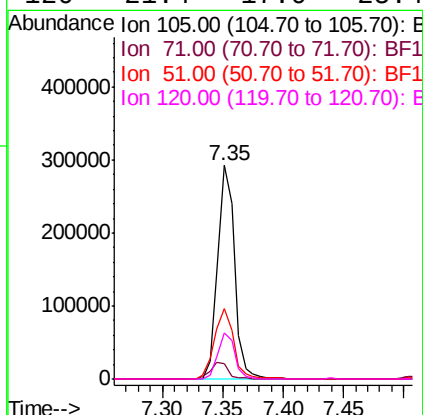
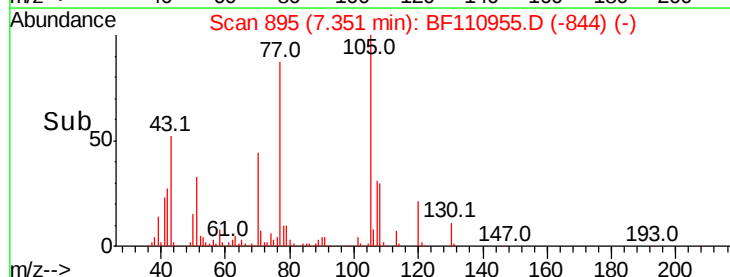
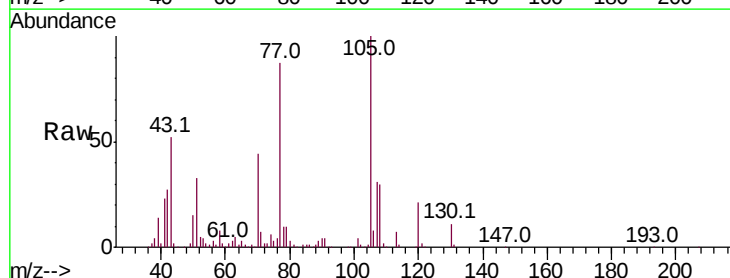
Instrument :
BNA_F
ClientSampled :

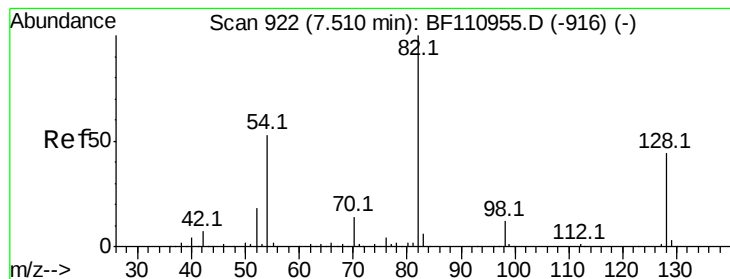
Tot Ion:	136	Resp:	294396
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.2	5.4	8.2
68	4.5	4.2	6.2



#22
Acetophenone
Concen: 40.752 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion:	105	Resp:	279605
Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.2	7.8
51	33.2	21.8	32.8#
120	21.4	17.0	25.4





#23

Nitrobenzene-d5

Concen: 81.547 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :

BNA_F

ClientSampled :

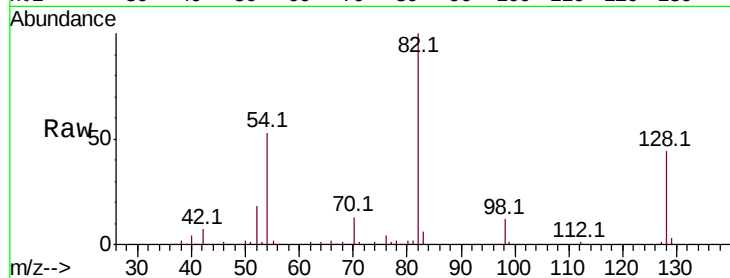
Tot Ion: 82 Resp: 416868

Ion Ratio Lower Upper

82 100

128 43.9 34.2 51.2

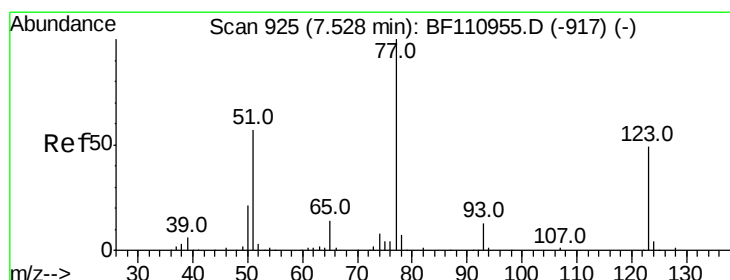
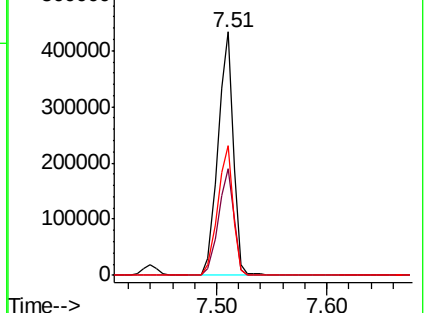
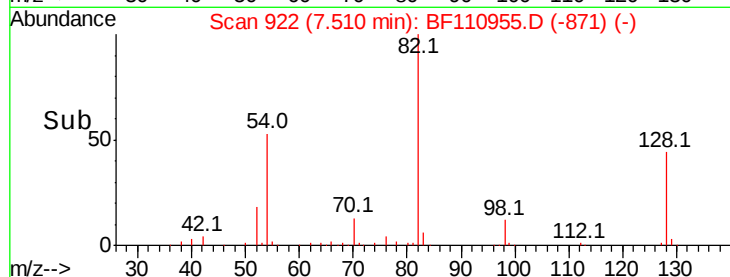
54 53.1 38.6 58.0



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: 40.783 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

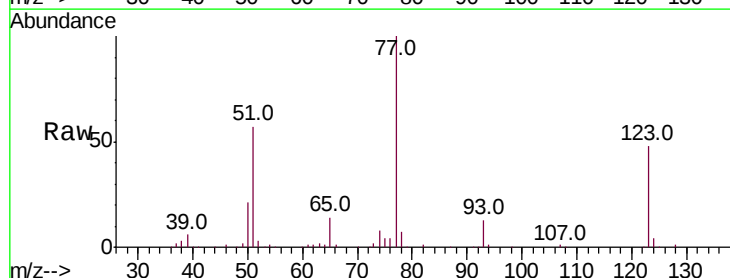
Tgt Ion: 77 Resp: 213605

Ion Ratio Lower Upper

77 100

123 48.4 35.7 53.5

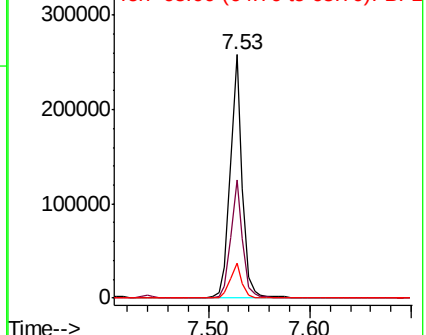
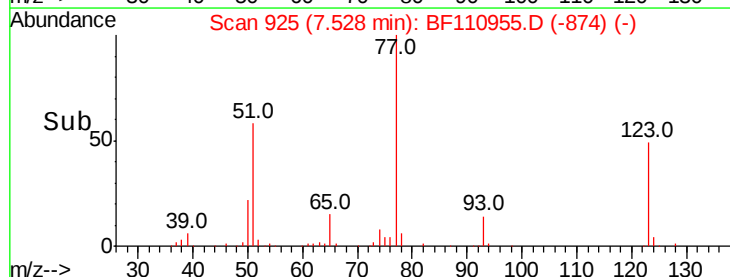
65 14.3 10.7 16.1

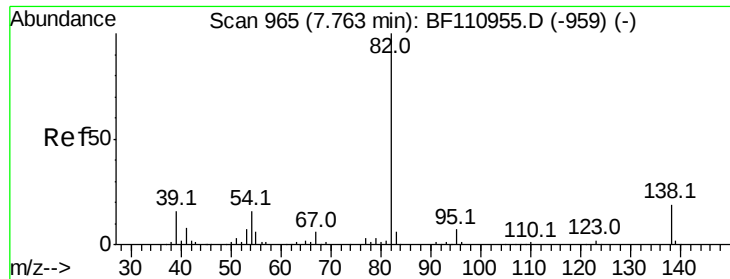


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

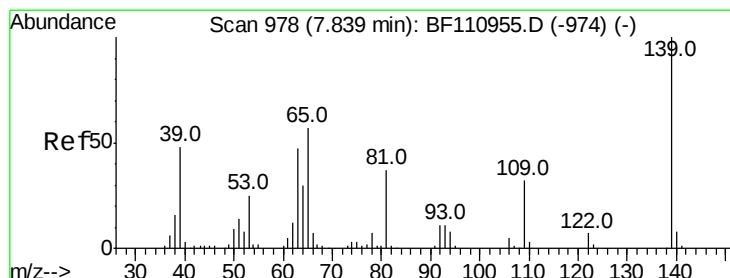
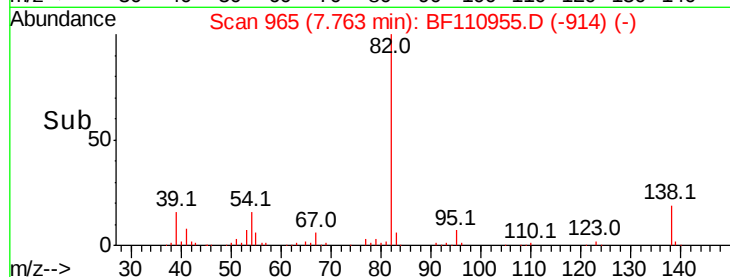
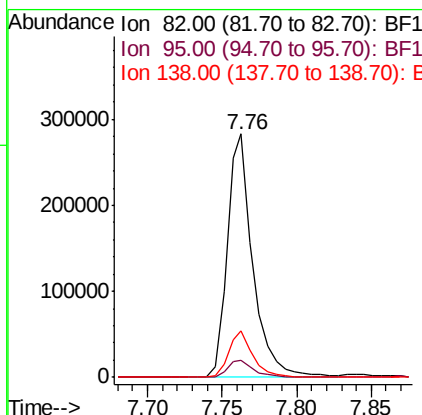
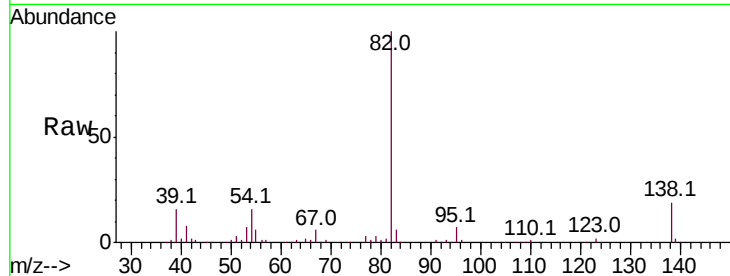




#25
Isophorone
Concen: 40.724 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

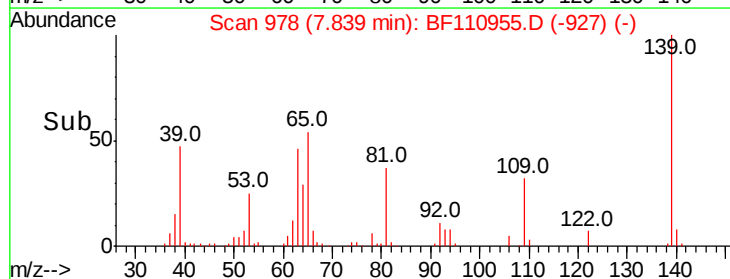
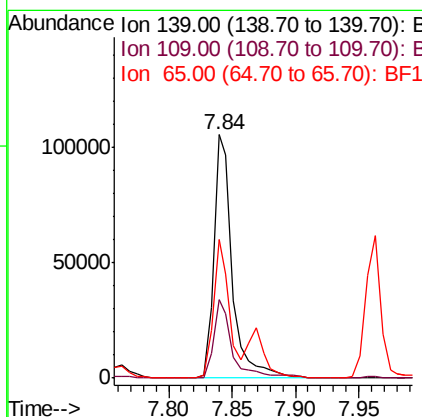
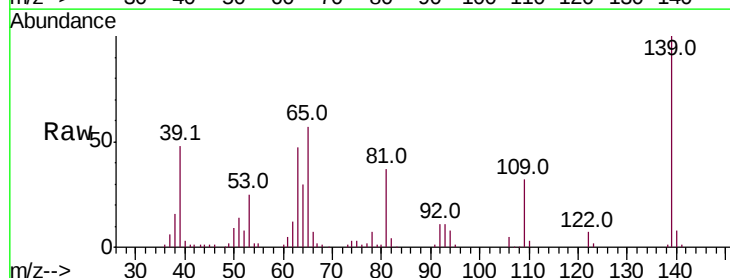
Instrument :
BNA_F
ClientSampleId :

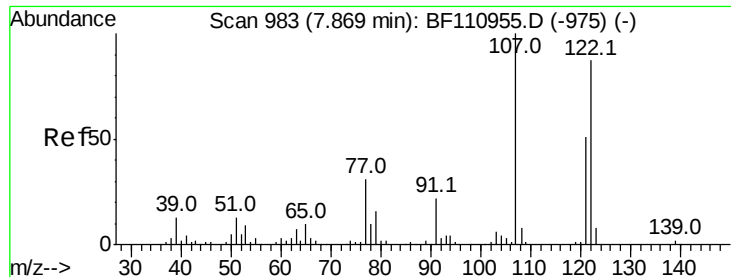
Tot Ion: 82 Resp: 341208
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.9 13.2 19.8



#26
2-Nitrophenol
Concen: 41.446 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion: 139 Resp: 108293
Ion Ratio Lower Upper
139 100
109 32.1 25.0 37.6
65 56.8 44.0 66.0

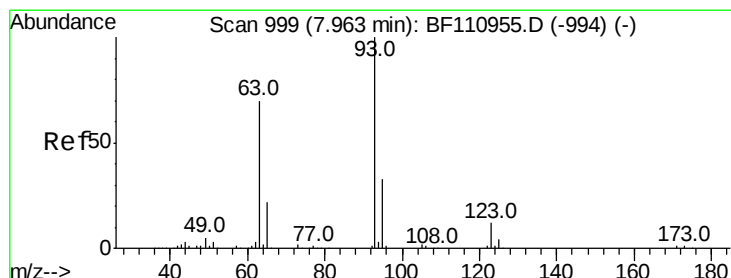
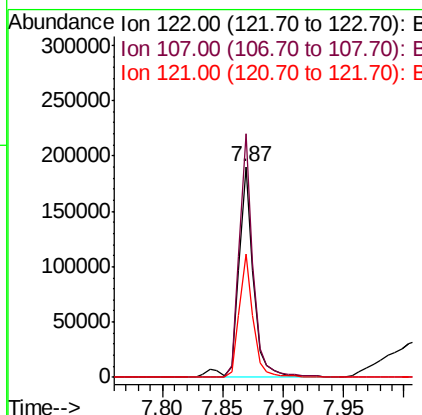
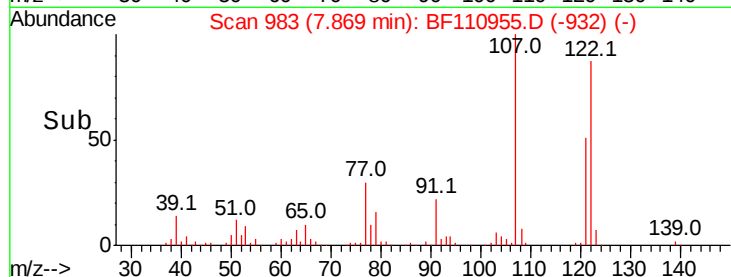
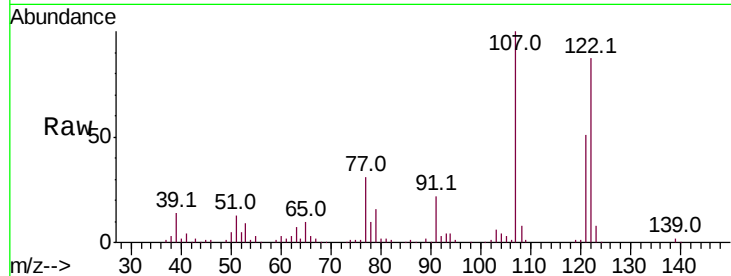




#27
2,4-Dimethylphenol
Concen: 40.954 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

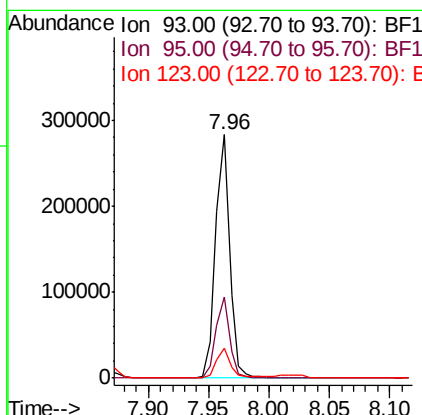
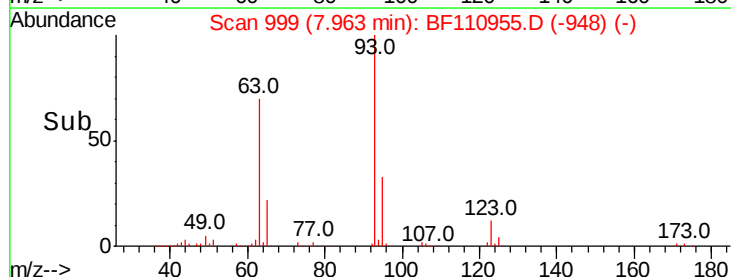
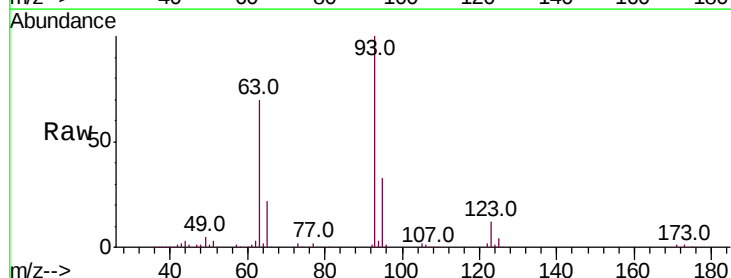
Instrument :
BNA_F
ClientSampled :

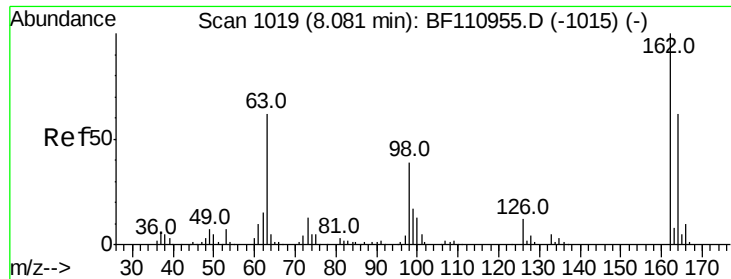
Tot Ion:122 Resp: 162967
Ion Ratio Lower Upper
122 100
107 115.6 92.5 138.7
121 58.5 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.342 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion: 93 Resp: 228857
Ion Ratio Lower Upper
93 100
95 33.3 26.4 39.6
123 12.1 9.0 13.6

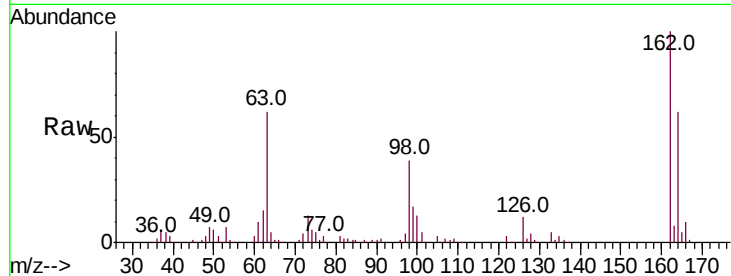




#29
 2,4-Dichlorophenol
 Concen: 41.957 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.6	84.6
98	39.5	17.4	57.4

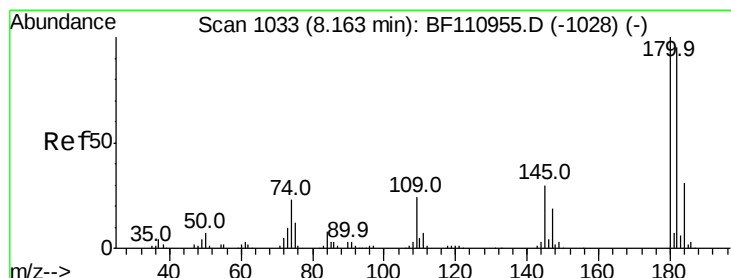
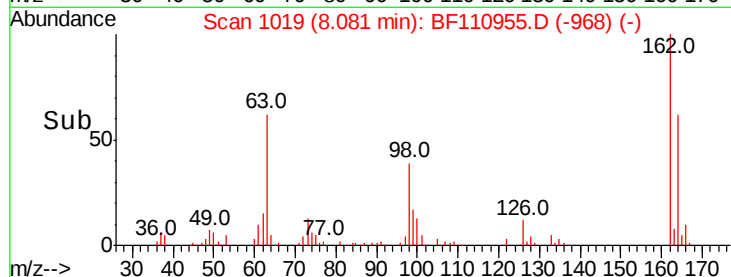
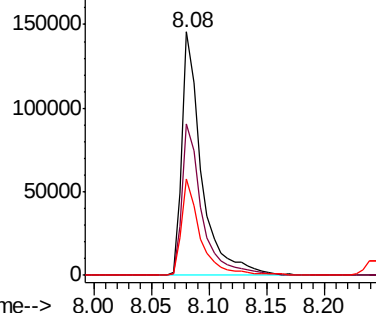


Abundance

Ion 162.00 (161.70 to 162.70): E

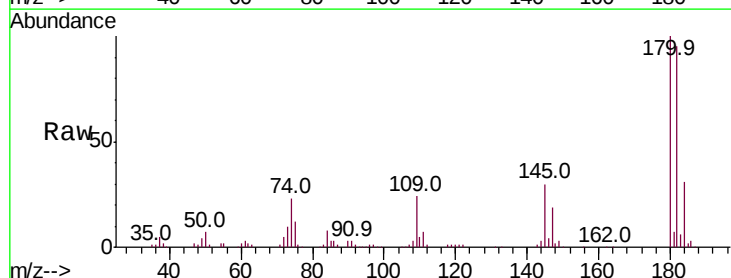
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.728 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	80.3	120.5
145	29.9	25.4	38.0

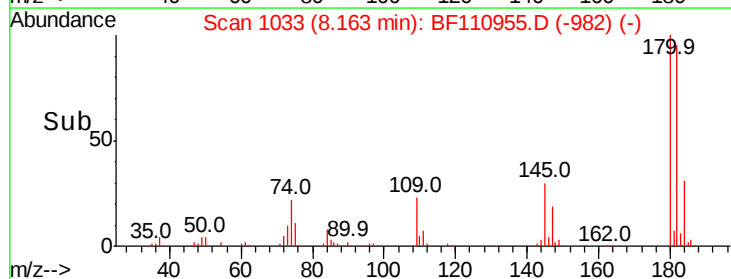
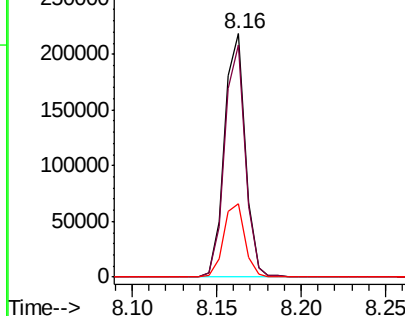


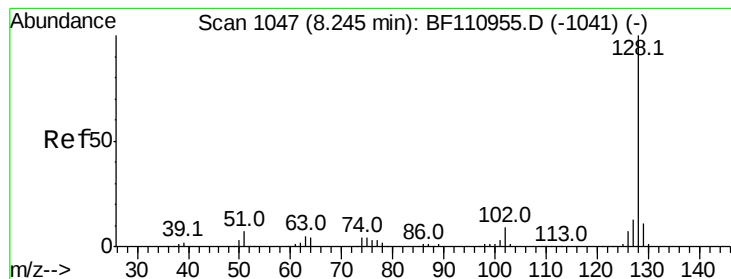
Abundance

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: 40.093 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.00 min

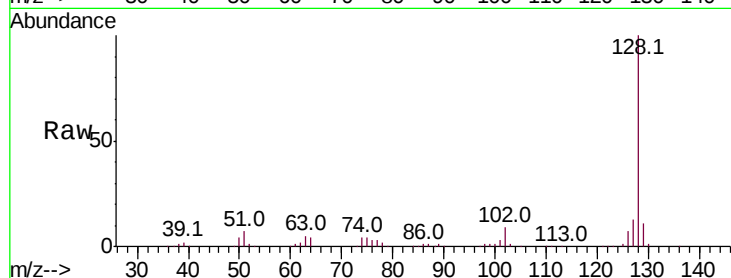
Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 554097

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.8	16.2

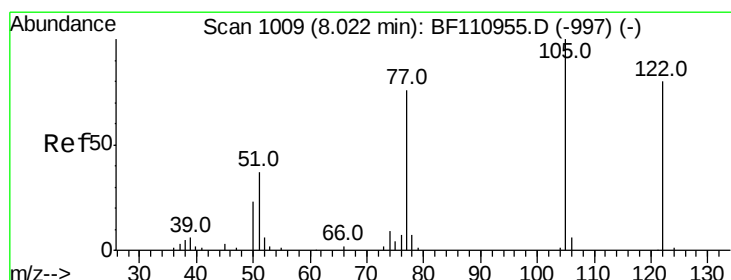
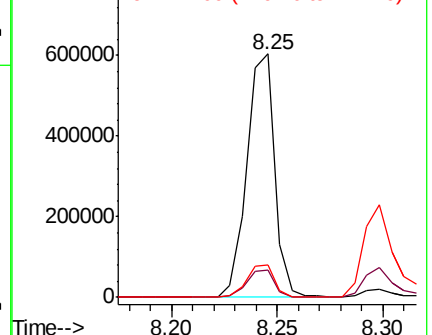
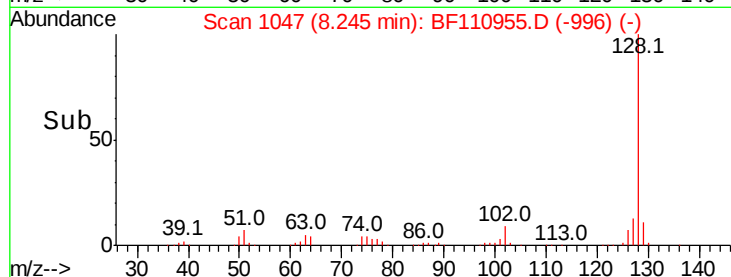


Abundance

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: 42.962 ng

RT: 8.02 min Scan# 1009

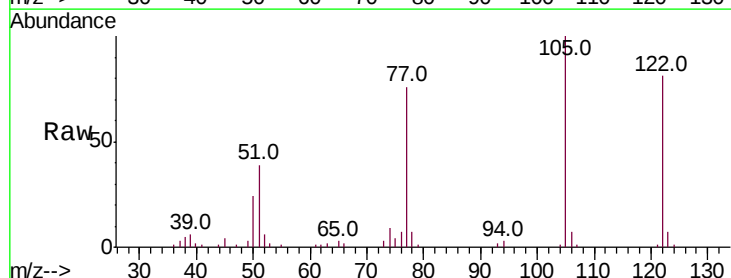
Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Tgt Ion:122 Resp: 120960

Ion	Ratio	Lower	Upper
122	100		
105	122.7	109.0	149.0
77	93.8	79.0	119.0

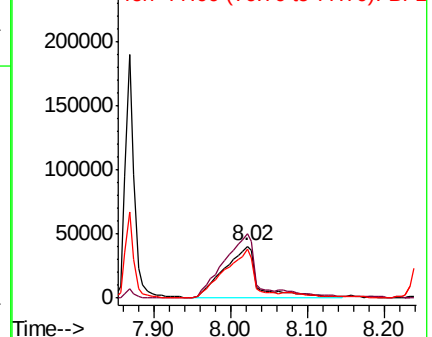
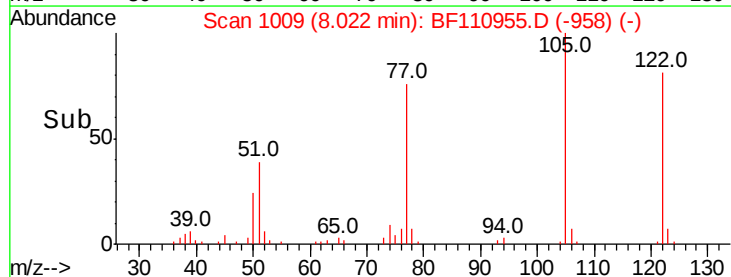


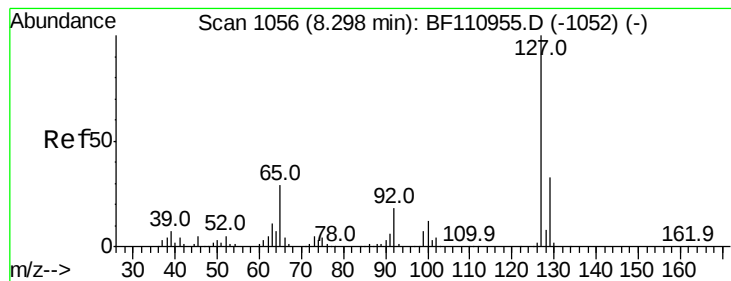
Abundance

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: 38.429 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 240565

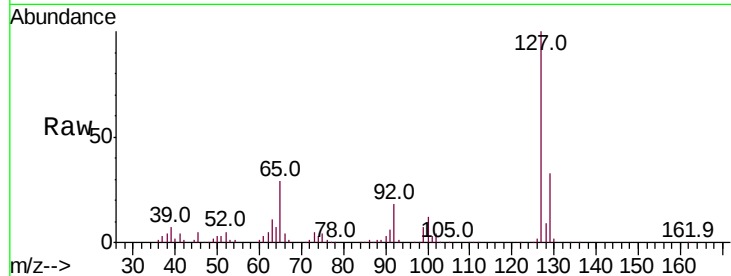
Ion Ratio Lower Upper

127 100

129 33.0 26.0 39.0

65 29.4 25.1 37.7

92 18.1 15.0 22.6

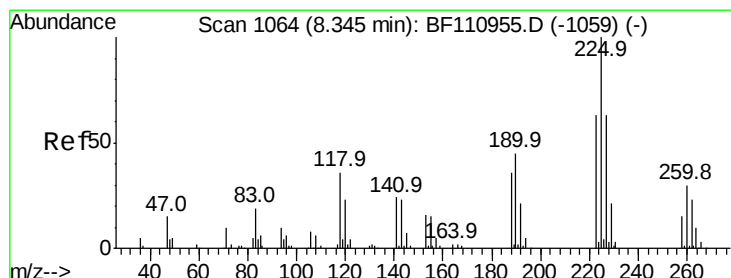
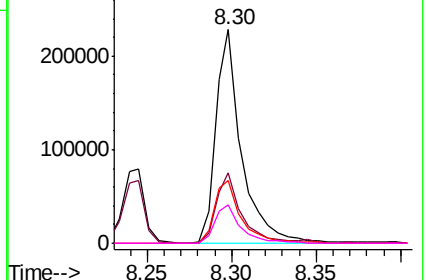
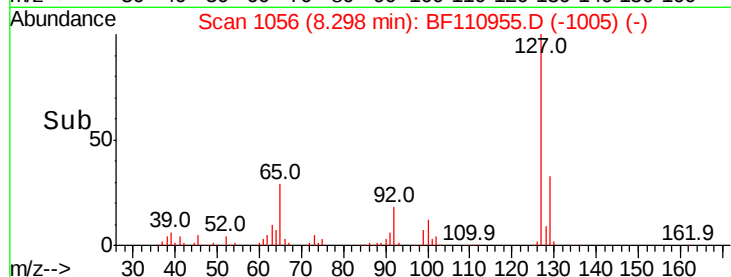


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.270 ng

RT: 8.35 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

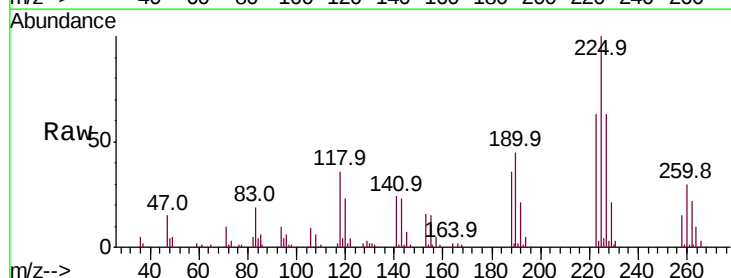
Tgt Ion:225 Resp: 106187

Ion Ratio Lower Upper

225 100

223 62.5 51.4 77.2

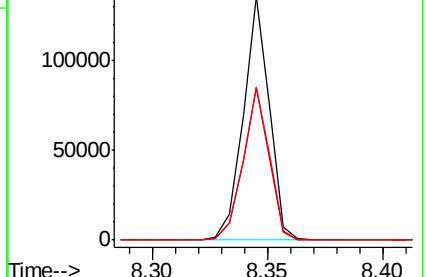
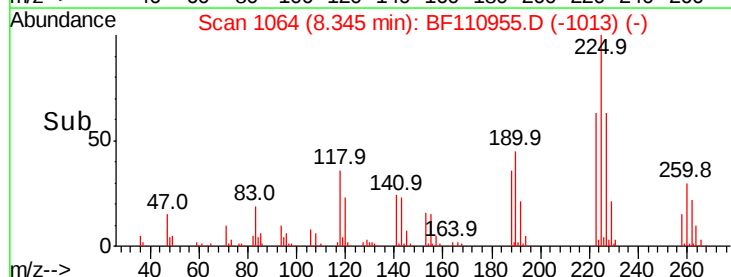
227 62.9 51.0 76.6

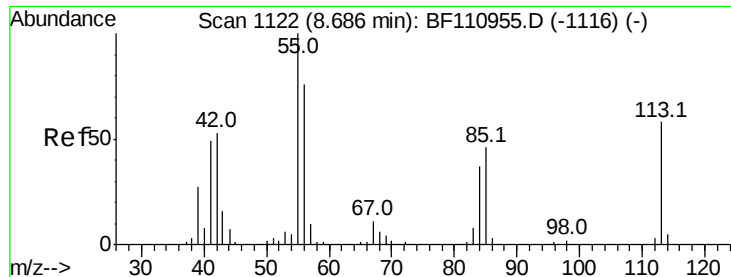


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

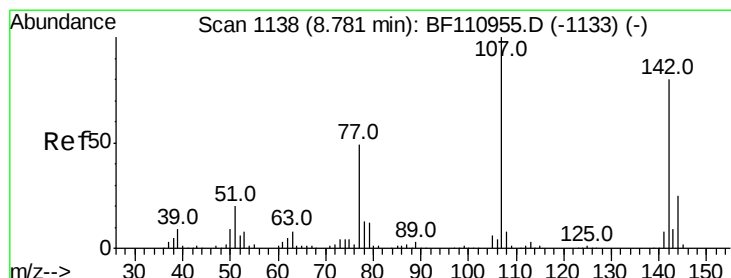
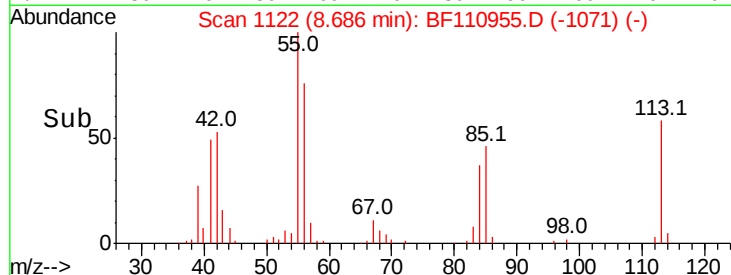
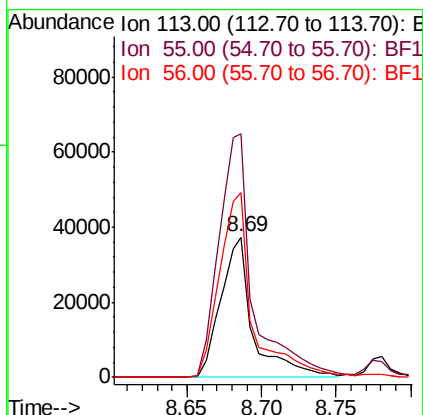
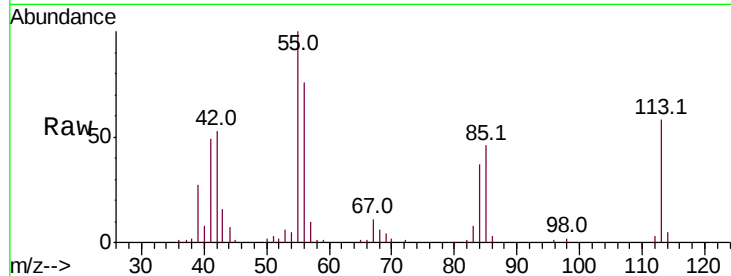




#35
 Caprolactam
 Concen: 41.700 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

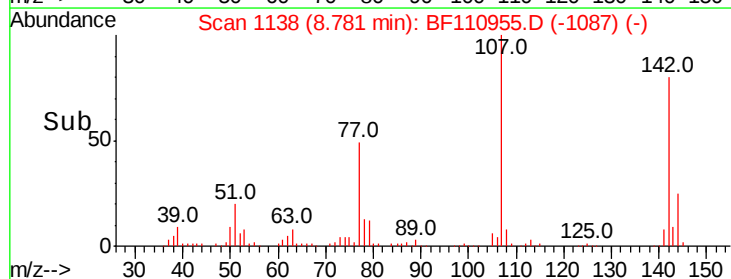
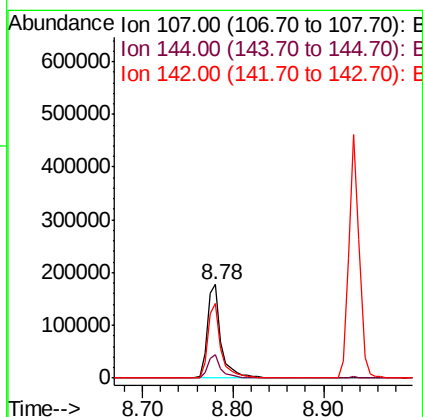
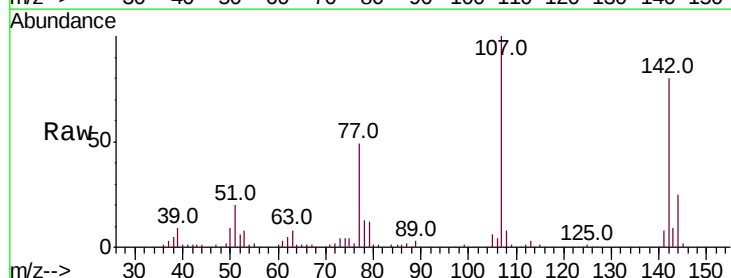
Instrument :
 BNA_F
 ClientSampled :

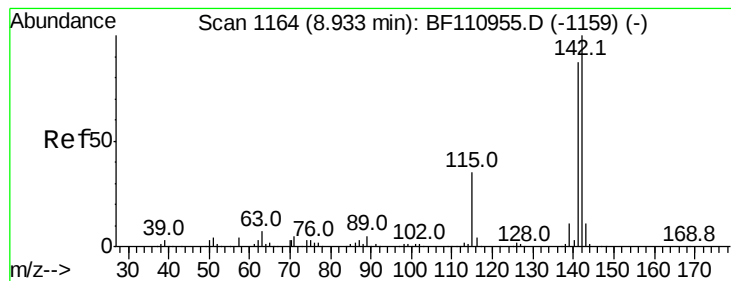
Tot Ion:113 Resp: 57044
 Ion Ratio Lower Upper
 113 100
 55 173.2 142.8 182.8
 56 131.8 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.753 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

Tgt Ion:107 Resp: 188795
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.0 30.0
 142 80.2 59.7 89.5

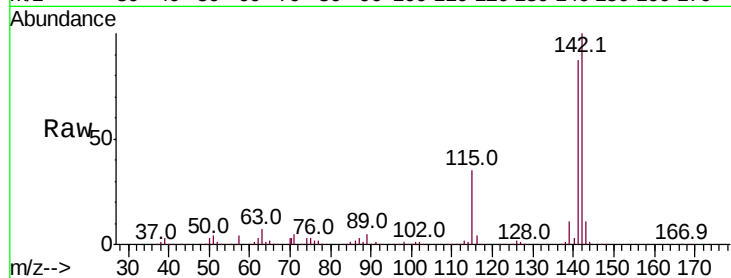




#37
2-Methylnaphthalene
Concen: 40.673 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.4	107.2
115	34.9	28.7	43.1

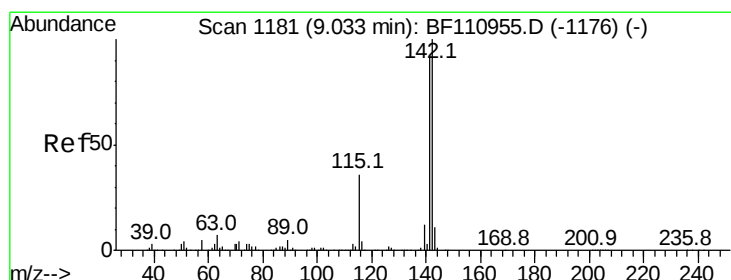
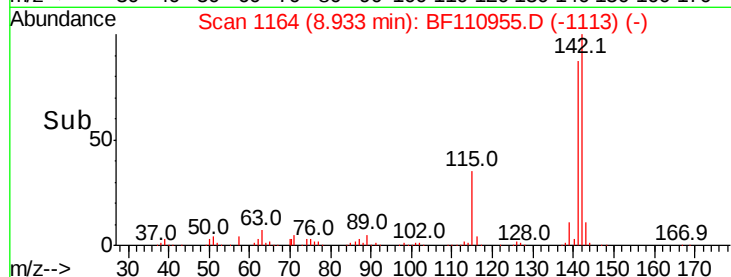
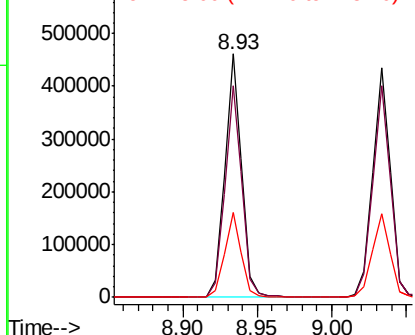


Abundance

Ion 142.00 (141.70 to 142.70): E

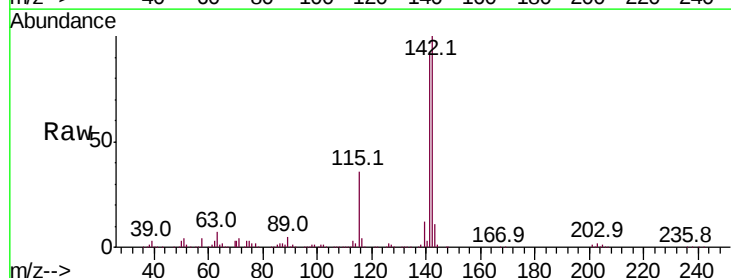
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.500 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.8	2.6	4.0

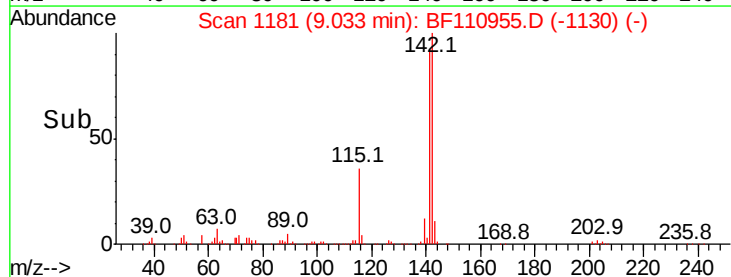
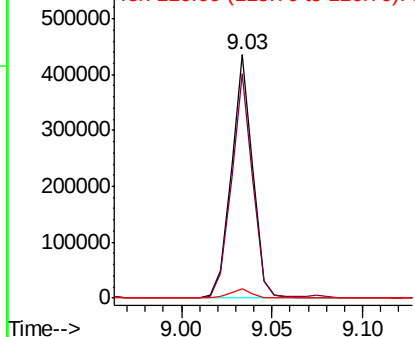


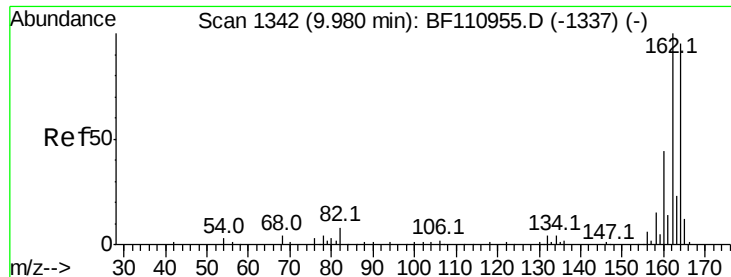
Abundance

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

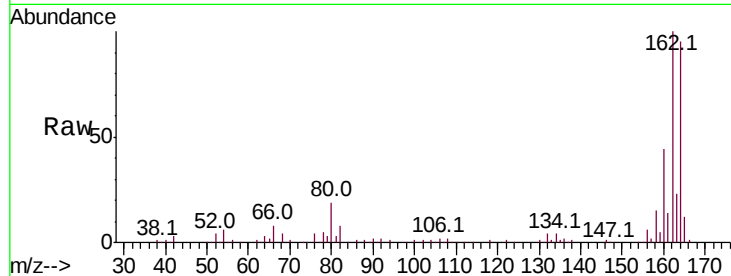




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.6
160	46.1	37.0	55.6

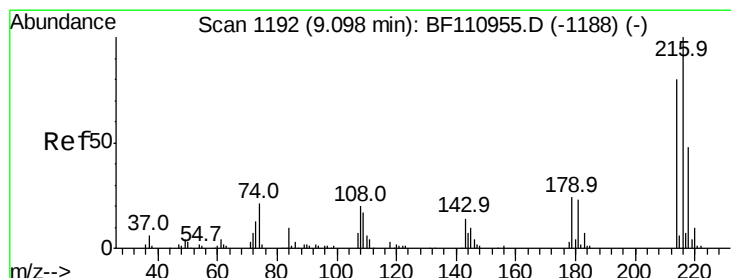
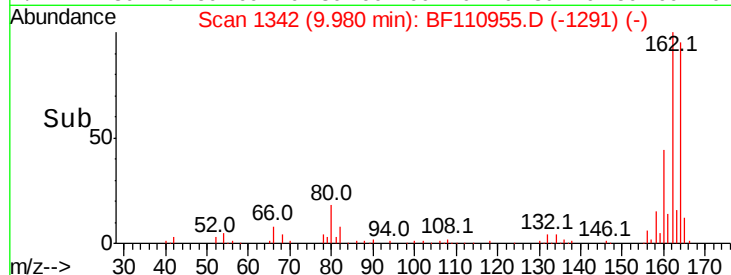
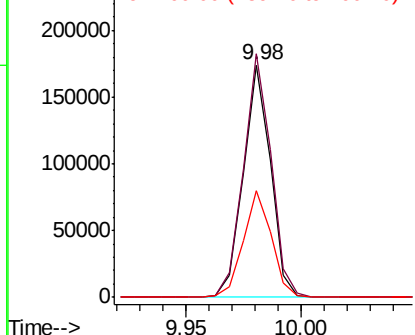


Abundance

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: 40.150 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	23.0	16.6	25.0
108	18.4	15.1	22.7

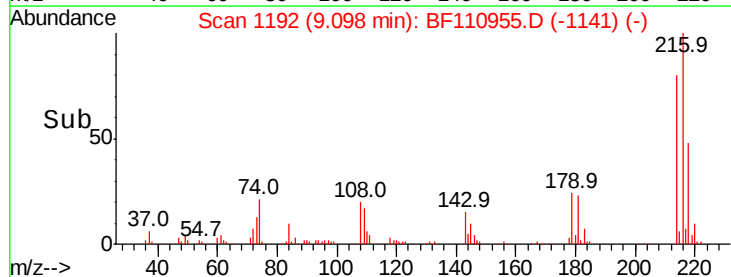
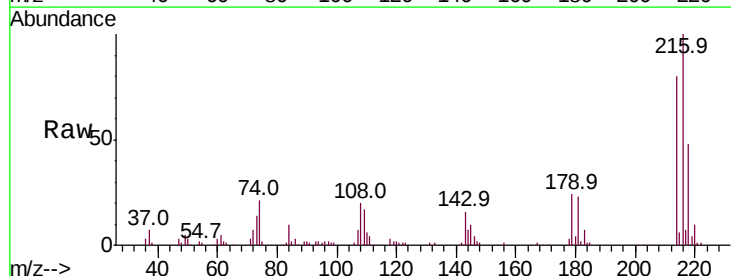
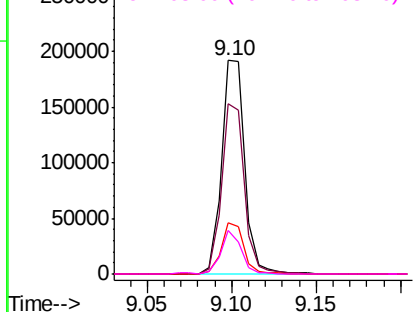
Abundance

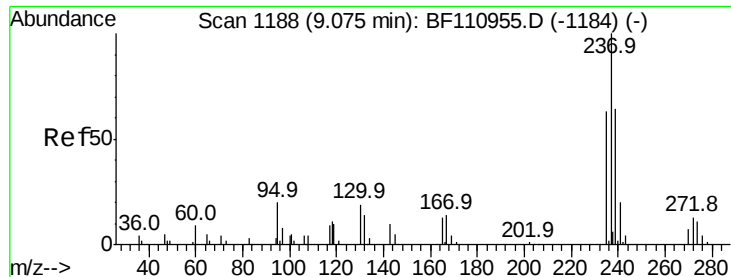
Ion 216.00 (215.70 to 216.70): E

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

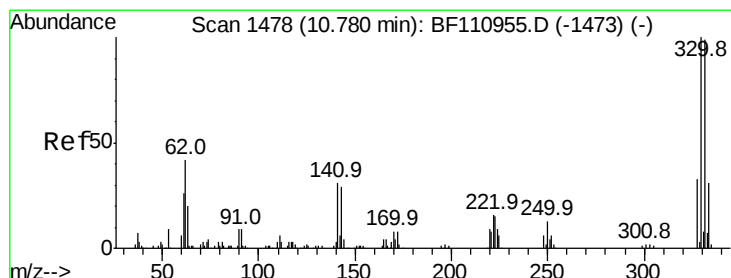
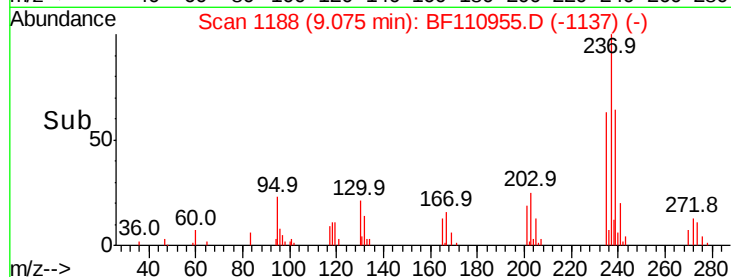
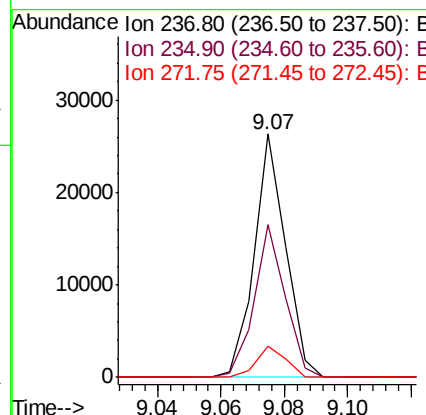
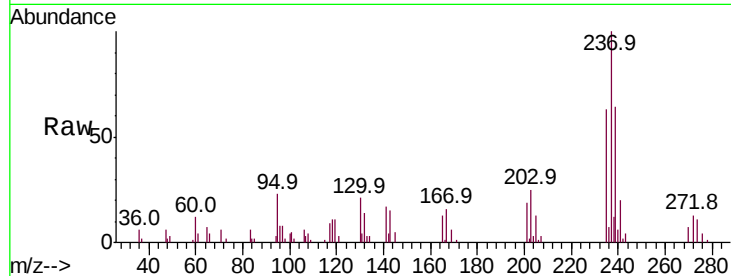




#41
Hexachlorocyclopentadiene
Concen: 12.314 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

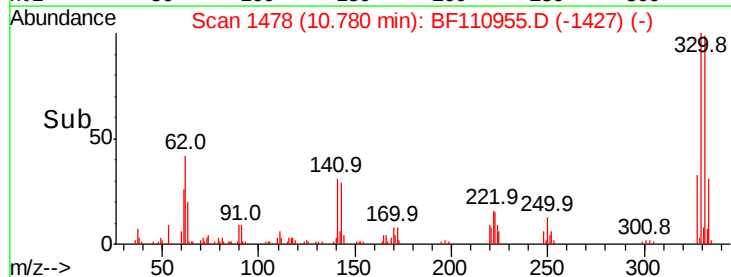
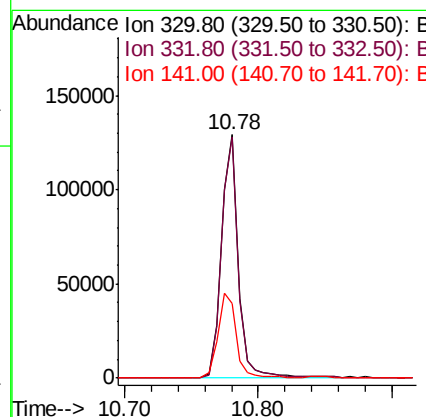
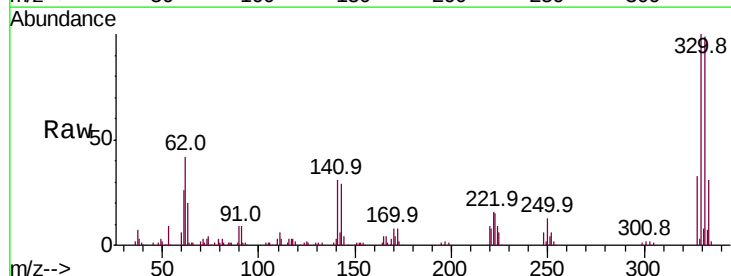
Instrument :
BNA_F
ClientSampleId :

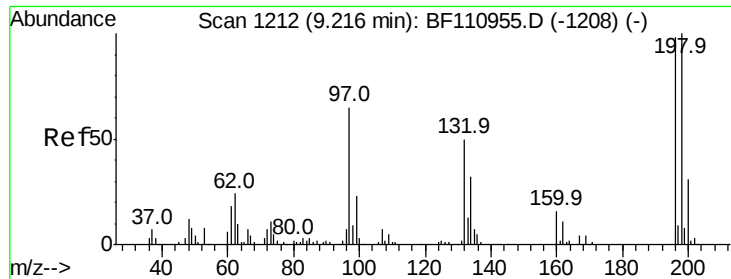
Tot Ion:237 Resp: 18004
Ion Ratio Lower Upper
237 100
235 62.8 43.1 83.1
272 12.7 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 80.072 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion:330 Resp: 116147
Ion Ratio Lower Upper
330 100
332 99.6 77.1 115.7
141 37.2 27.0 40.4

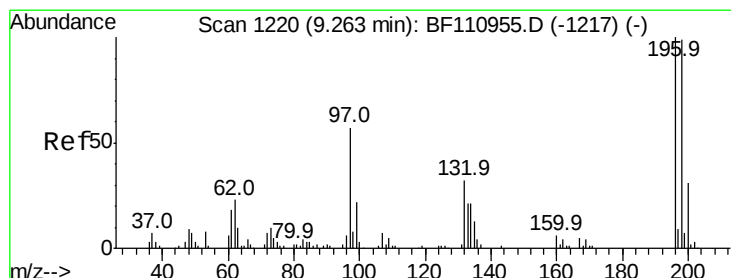
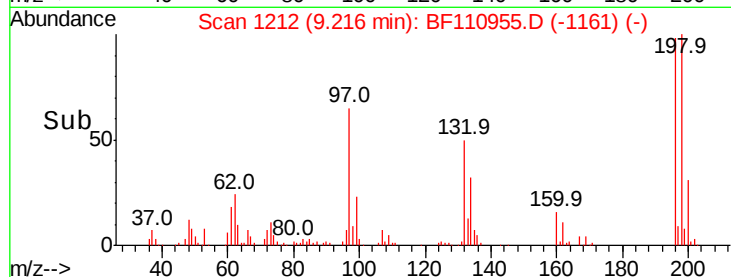
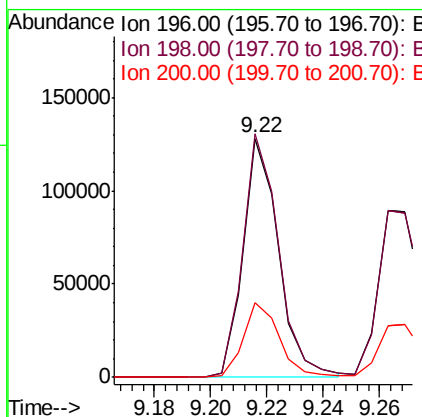
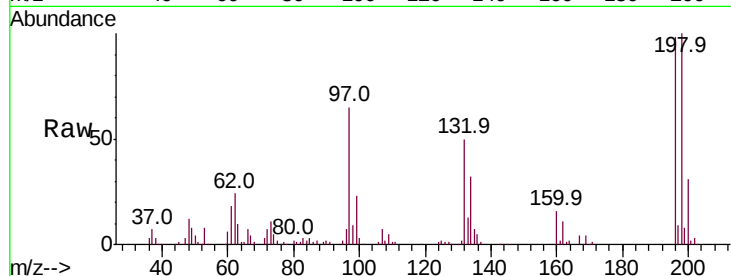




#43
 2,4,6-Trichlorophenol
 Concen: 39.170 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

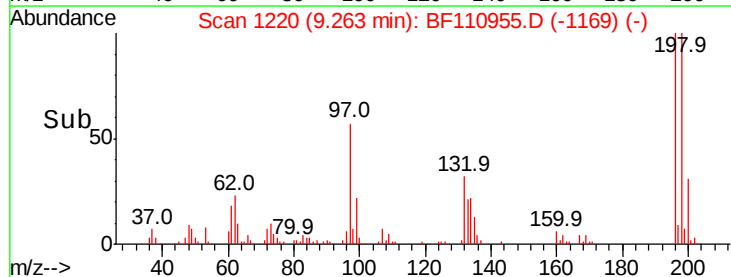
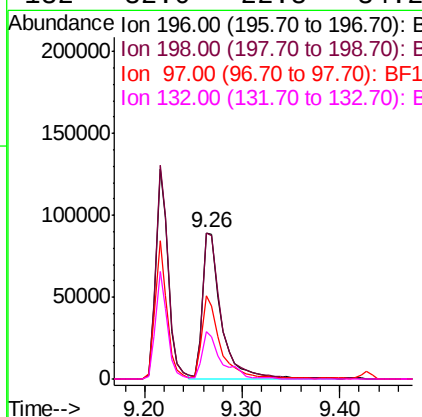
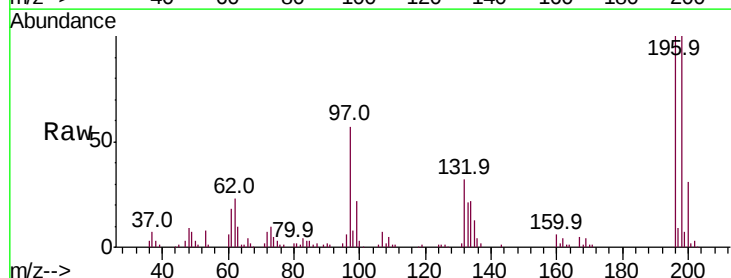
Instrument :
 BNA_F
 ClientSampled :

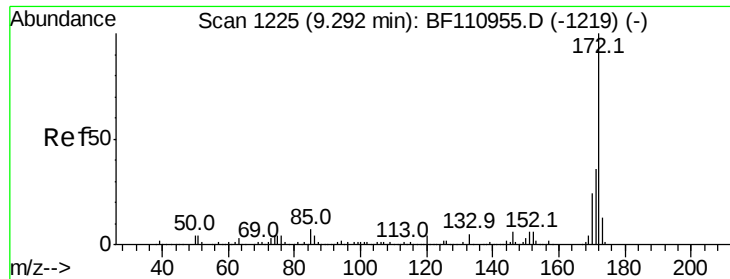
Tot Ion:196 Resp: 112160
 Ion Ratio Lower Upper
 196 100
 198 101.9 76.2 114.4
 200 31.2 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.648 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

Tgt Ion:196 Resp: 118047
 Ion Ratio Lower Upper
 196 100
 198 99.7 75.8 113.6
 97 56.8 42.4 63.6
 132 32.0 22.8 34.2

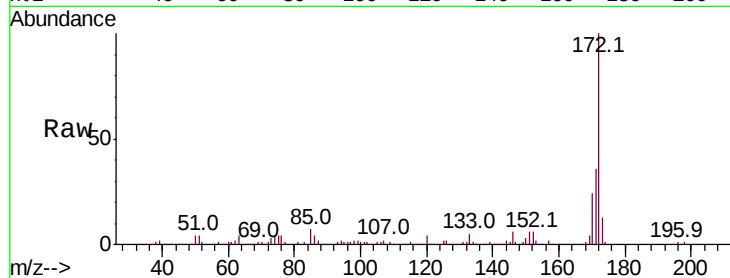




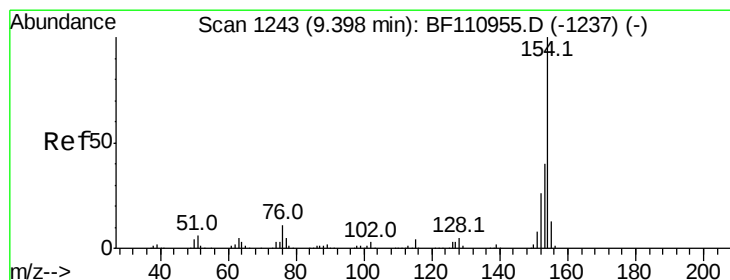
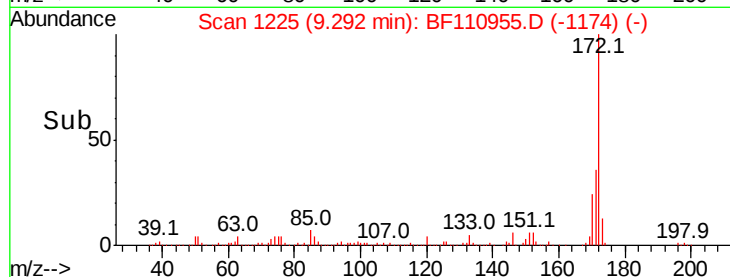
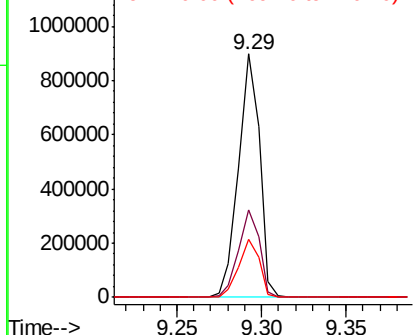
#45
2-Fluorobiphenyl
Concen: 77.351 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 779672
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.6 19.7 29.5

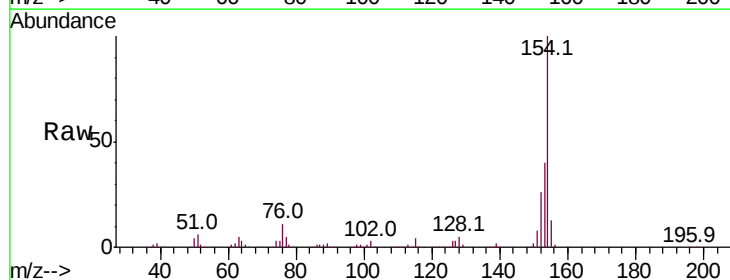


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

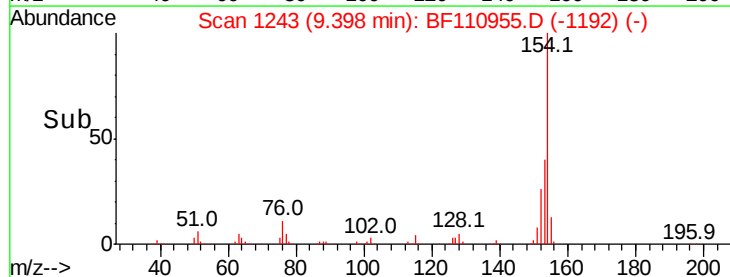
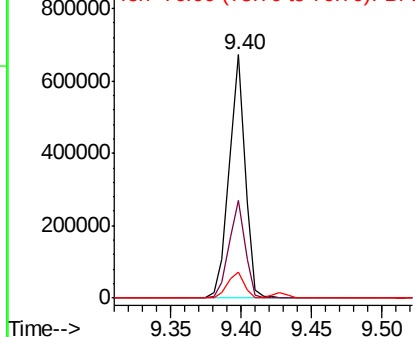


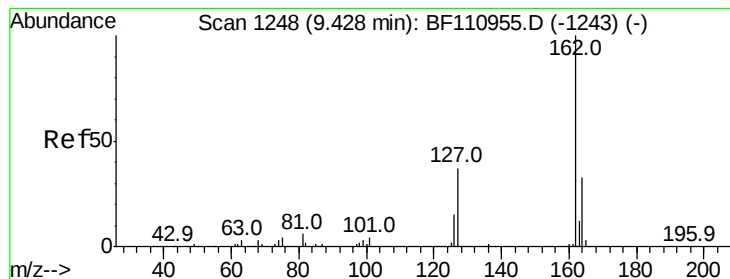
#46
1,1'-Biphenyl
Concen: 39.710 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion:154 Resp: 533265
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 10.9 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: 40.053 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :

BNA_F

ClientSampleId :

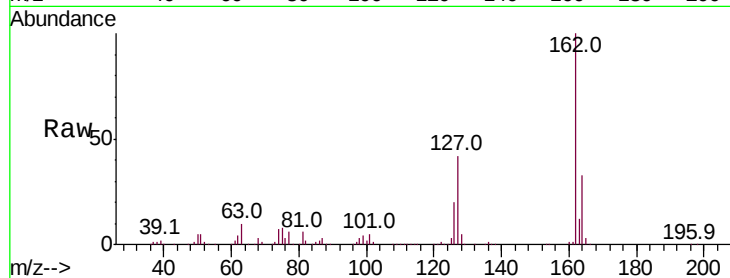
Tot Ion:162 Resp: 387505

Ion Ratio Lower Upper

162 100

127 41.8 32.6 48.8

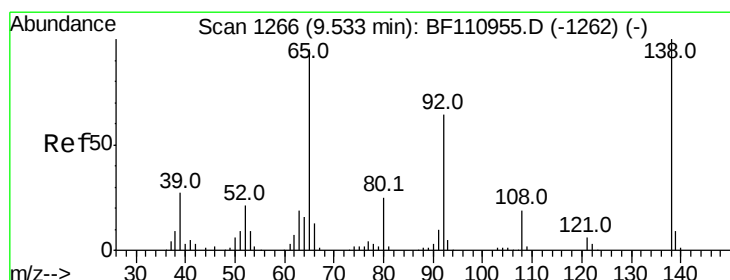
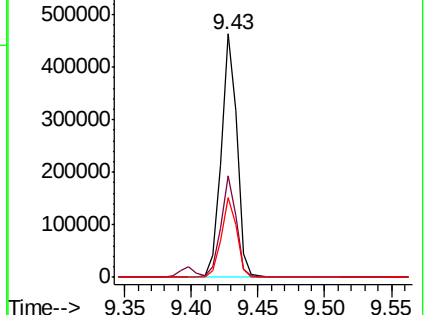
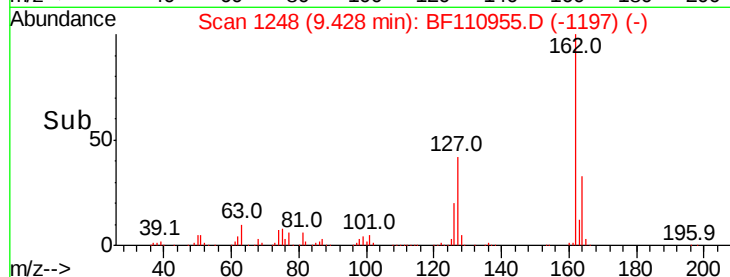
164 32.5 25.9 38.9



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: 40.902 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

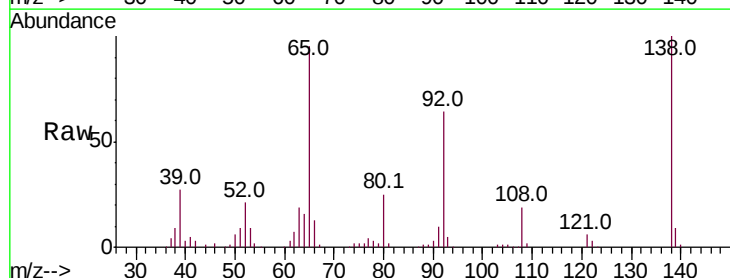
Tgt Ion: 65 Resp: 121943

Ion Ratio Lower Upper

65 100

92 67.2 54.6 81.8

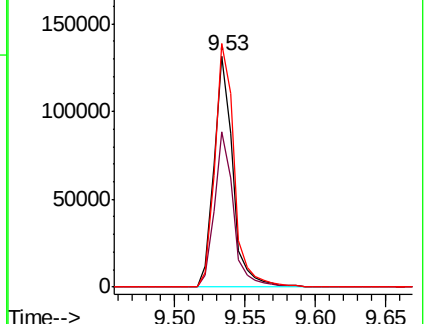
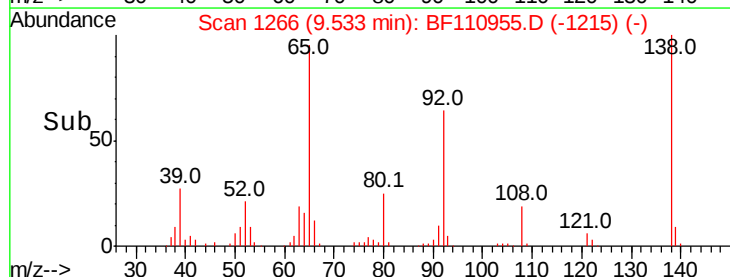
138 105.3 80.3 120.5

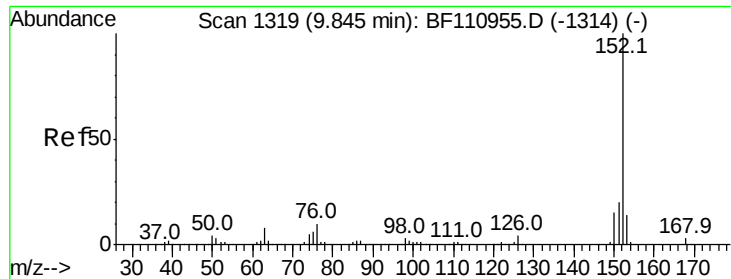


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.275 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :

BNA_F

ClientSampleId :

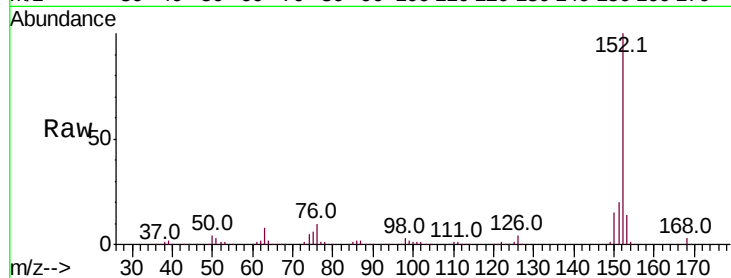
Tot Ion:152 Resp: 547217

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

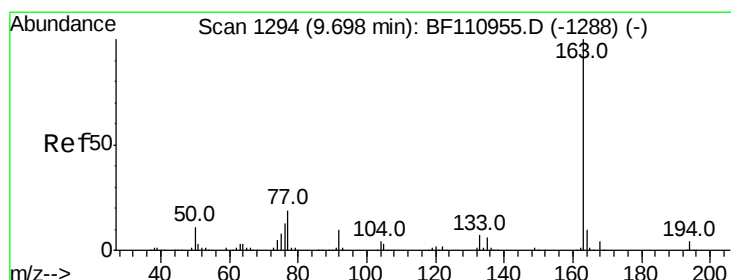
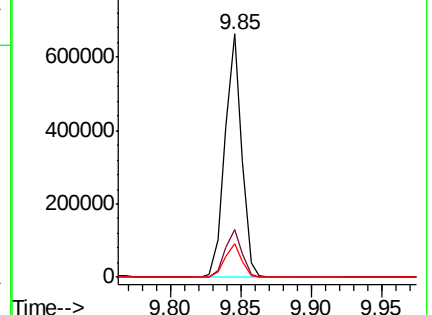
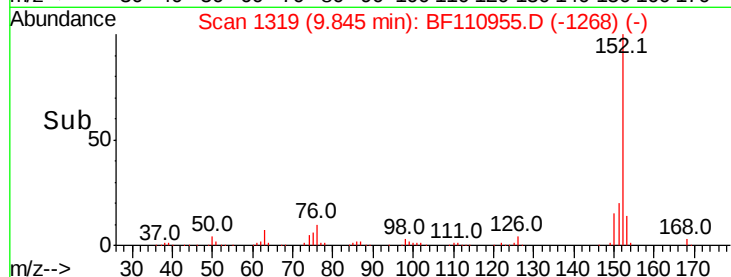
153 13.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.957 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

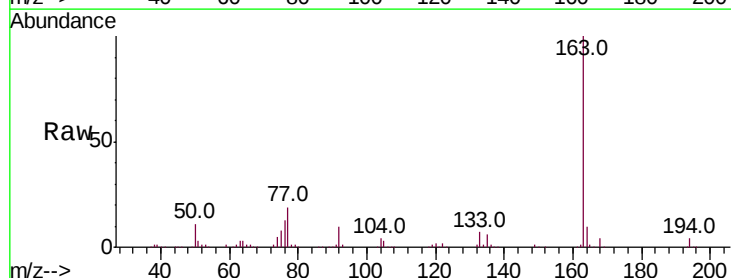
Tgt Ion:163 Resp: 418460

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

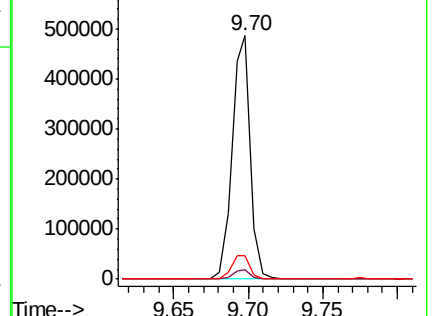
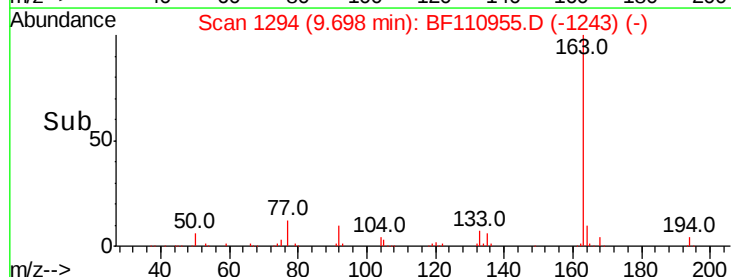
164 9.8 8.1 12.1

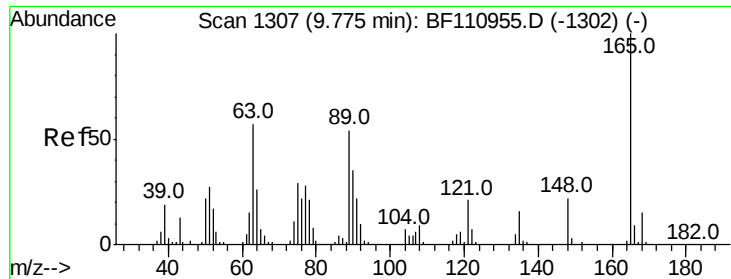


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.554 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :

BNA_F

ClientSampleId :

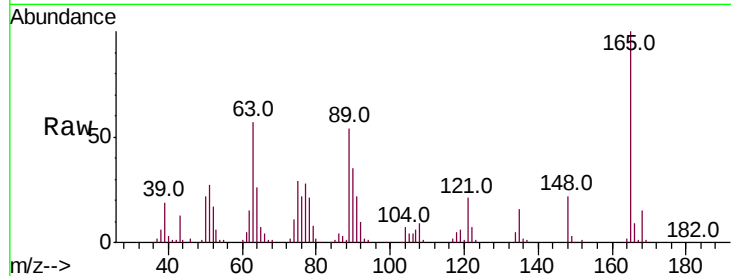
Tot Ion:165 Resp: 95825

Ion Ratio Lower Upper

165 100

63 56.9 48.9 73.3

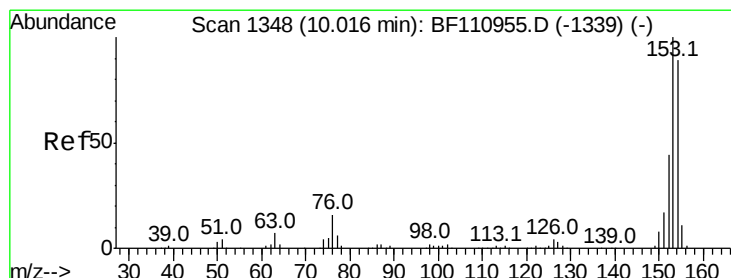
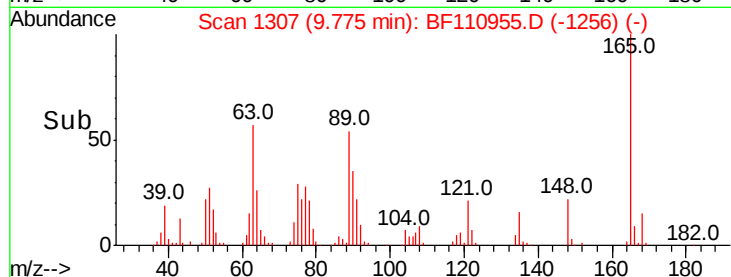
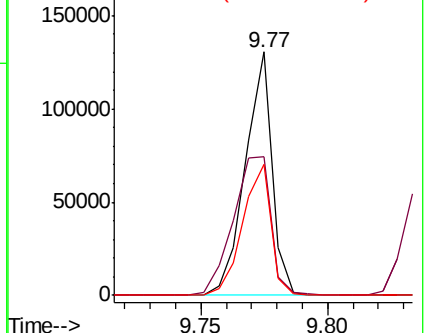
89 54.1 46.6 69.8



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: 39.769 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

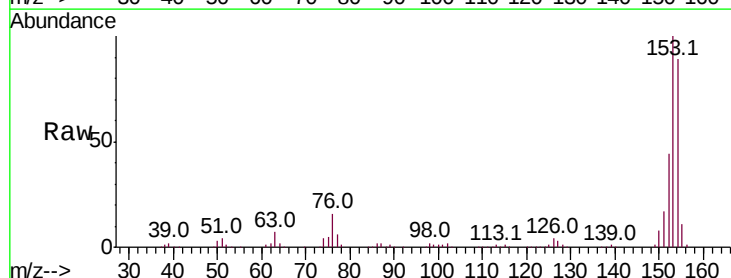
Tgt Ion:154 Resp: 350174

Ion Ratio Lower Upper

154 100

153 111.8 90.1 135.1

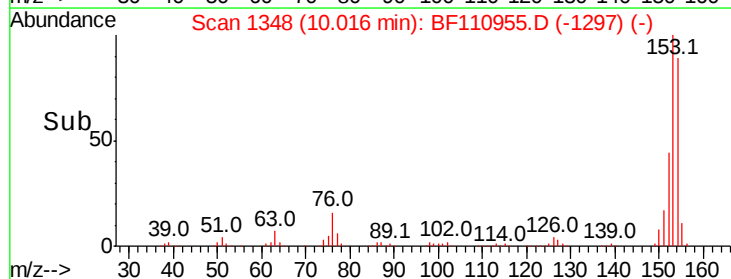
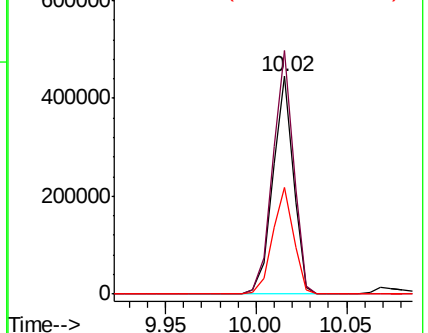
152 49.1 43.4 65.2

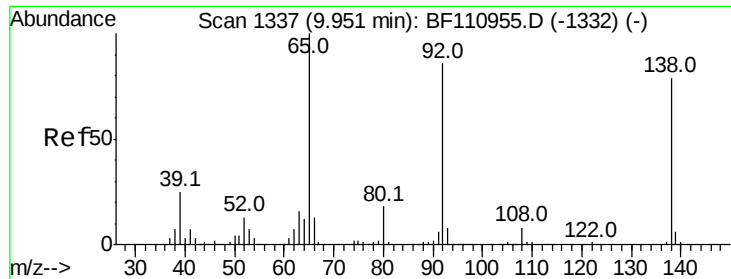


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

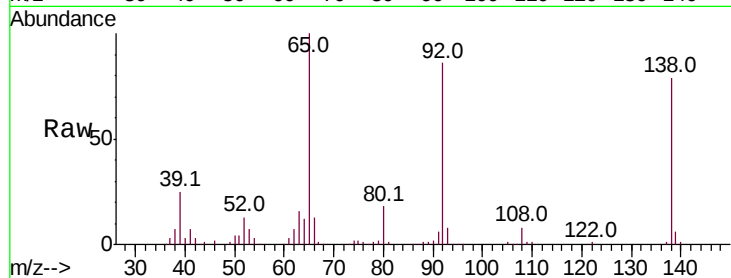




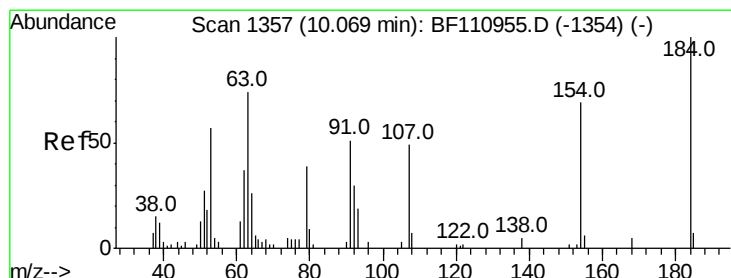
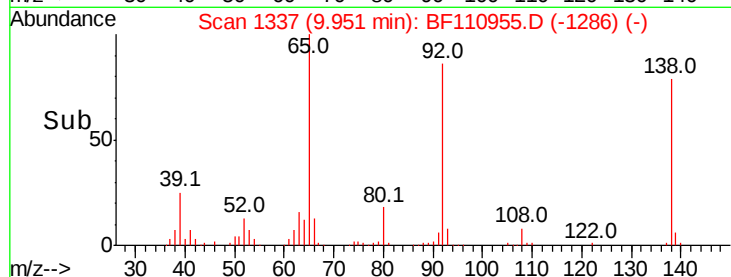
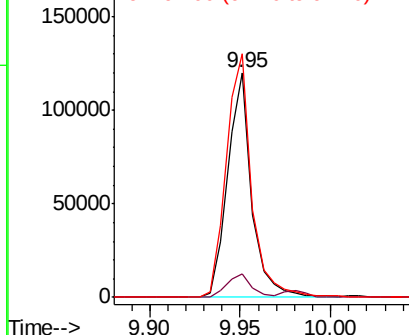
#53
3-Nitroaniline
Concen: 40.668 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 111332
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 108.3 97.0 145.4

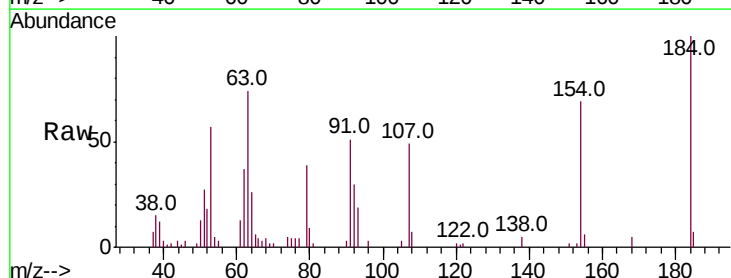


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

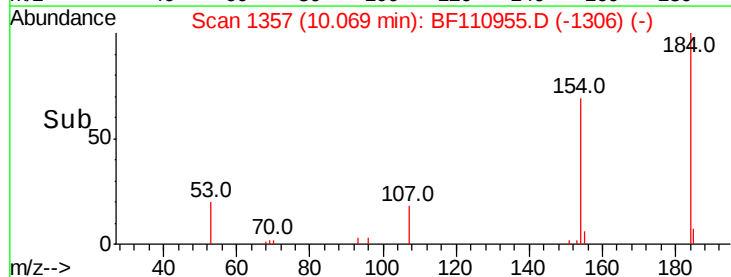
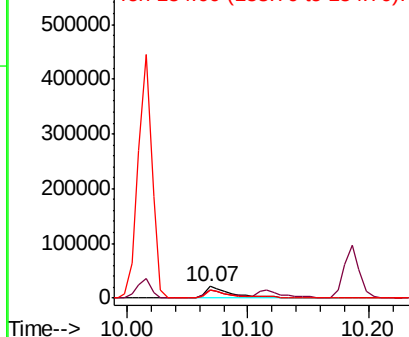


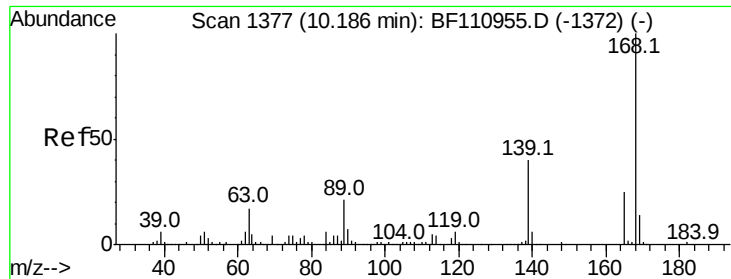
#54
2,4-Dinitrophenol
Concen: 40.383 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion:184 Resp: 33713
Ion Ratio Lower Upper
184 100
63 74.1 55.8 83.6
154 68.7 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

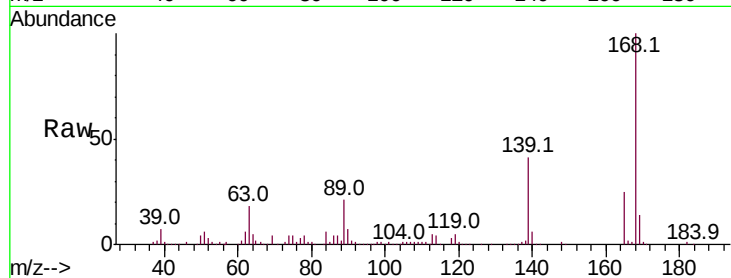




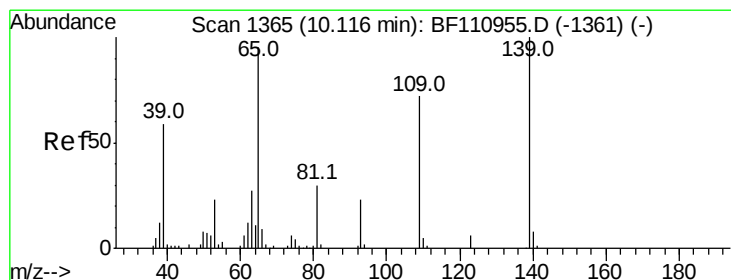
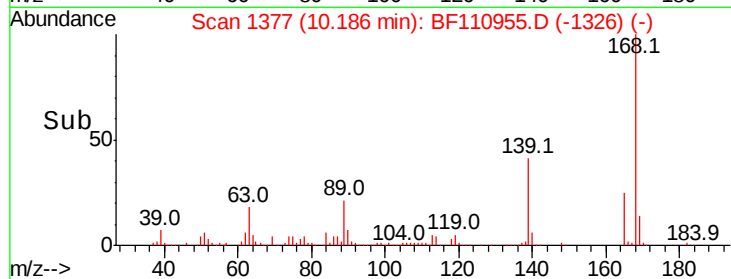
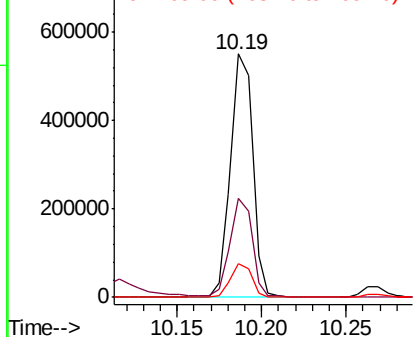
#55
Dibenzofuran
Concen: 39.152 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 504373
Ion Ratio Lower Upper
168 100
139 40.5 33.0 49.6
169 13.8 11.3 16.9

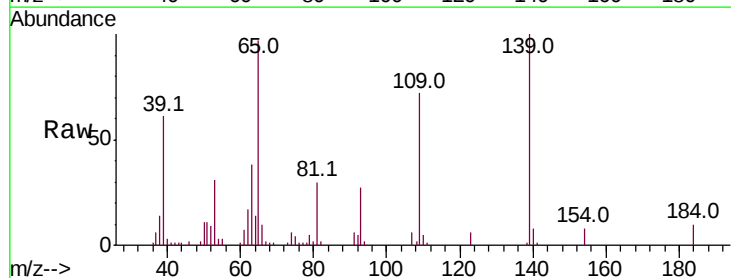


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

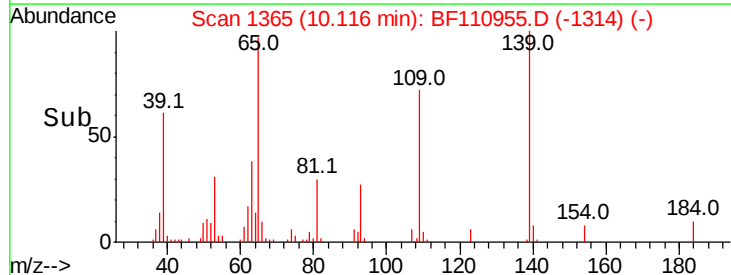
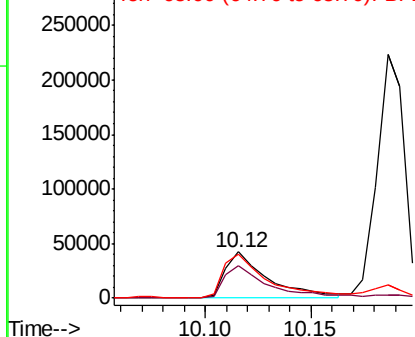


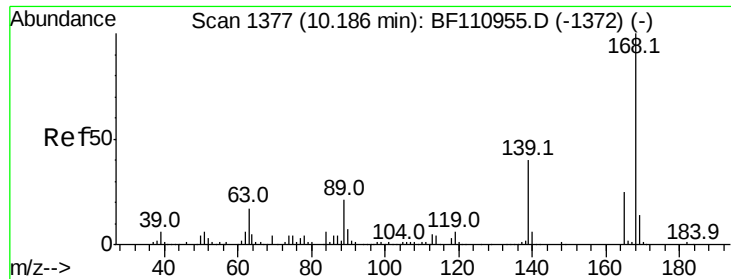
#56
4-Nitrophenol
Concen: 32.450 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion:139 Resp: 58935
Ion Ratio Lower Upper
139 100
109 71.7 55.8 95.8
65 96.5 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

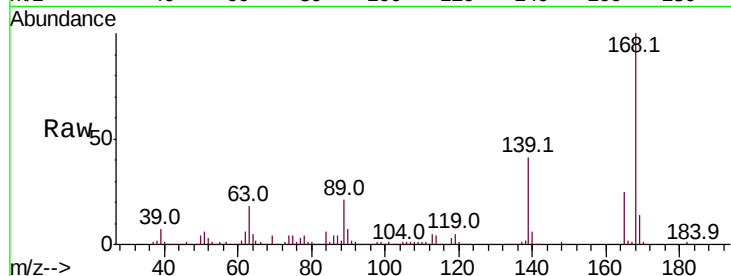




#57
2,4-Dinitrotoluene
Concen: 40.448 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	69.8	44.8	67.2#
89	84.9	62.2	93.4
182	2.7	2.1	3.1



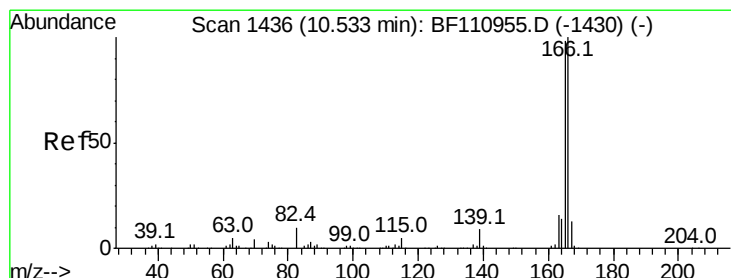
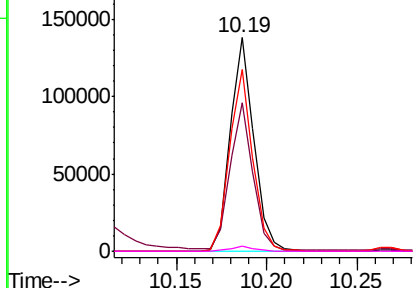
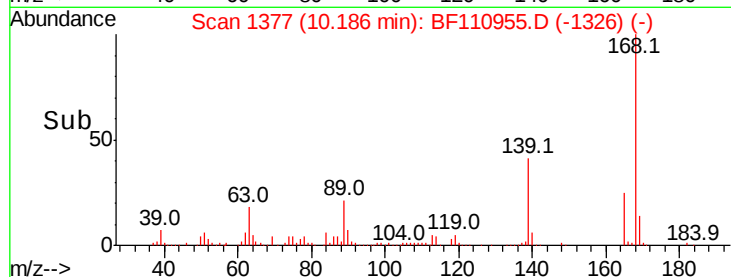
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

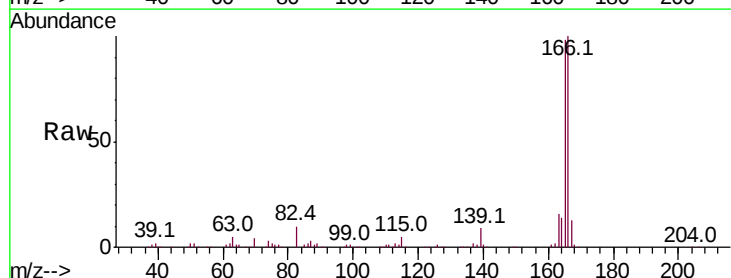
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.224 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	13.4	10.8	16.2

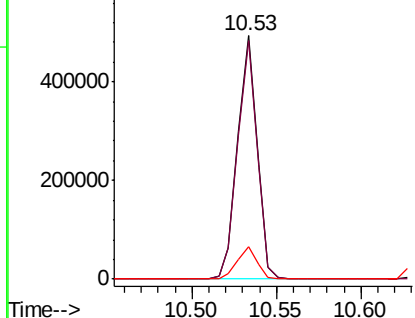
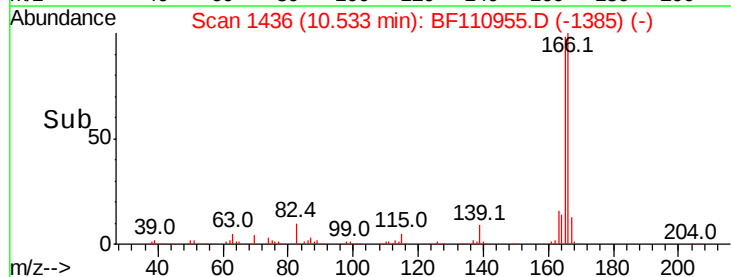


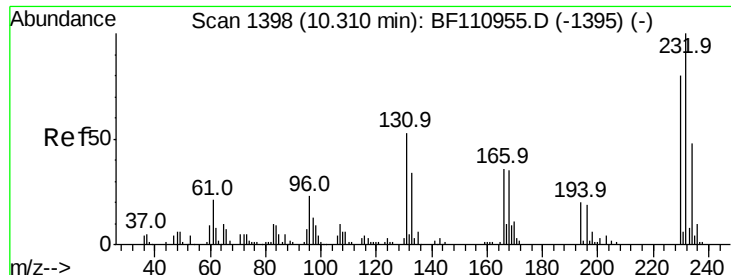
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

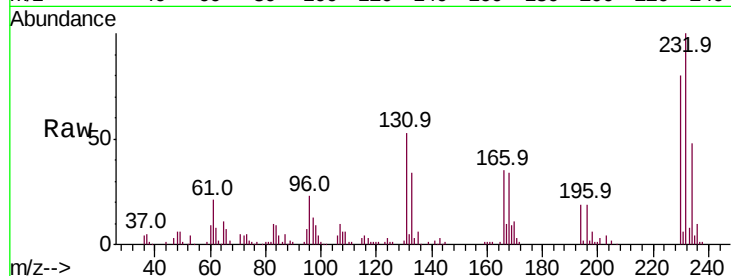




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.106 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.1	37.0	55.4
130	2.4	1.8	2.6
166	32.9	22.0	33.0



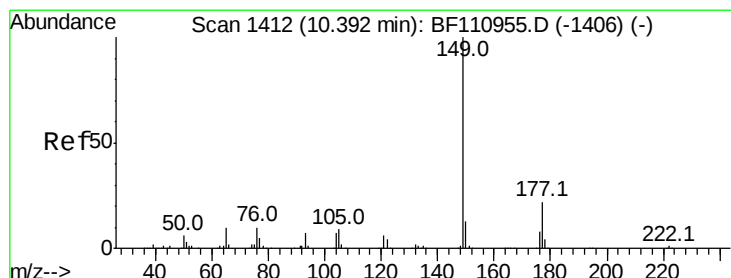
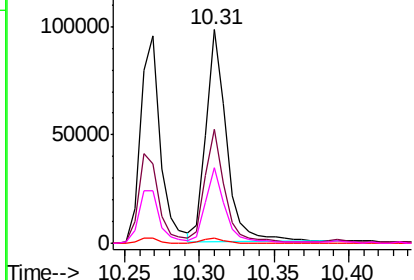
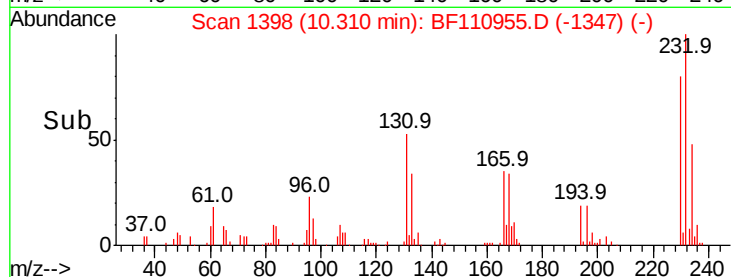
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

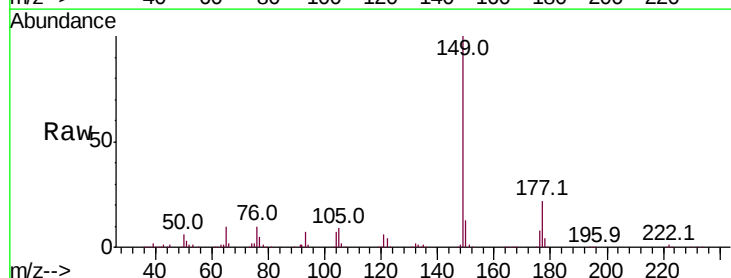
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.306 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.5	9.8	14.8

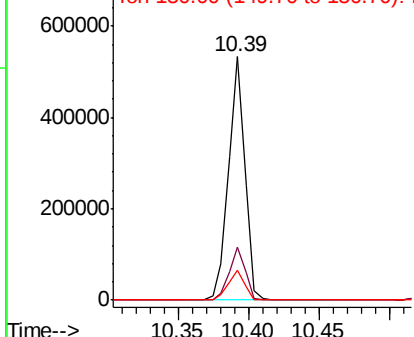
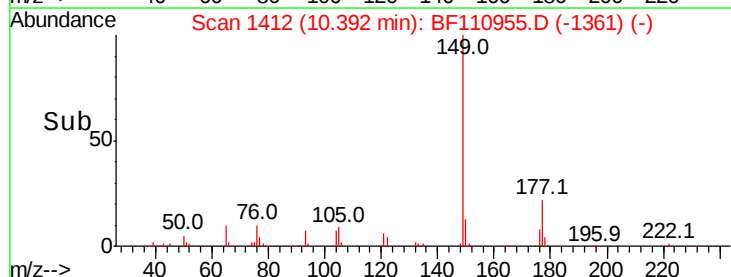


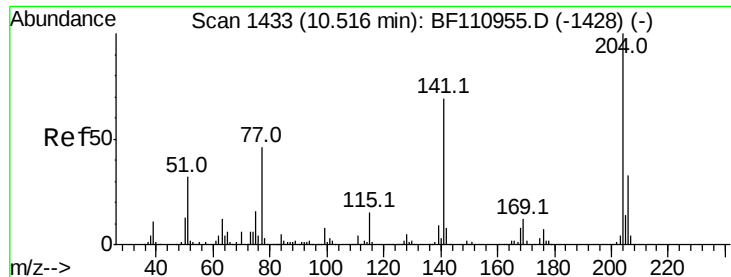
Abundance

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

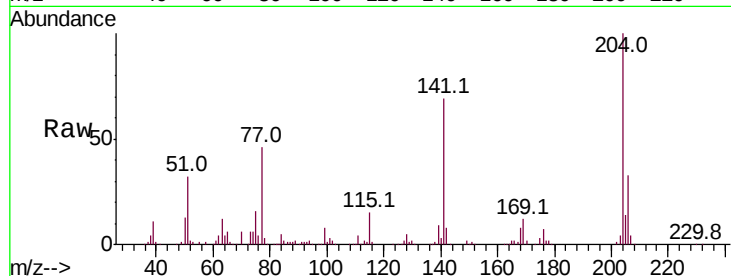




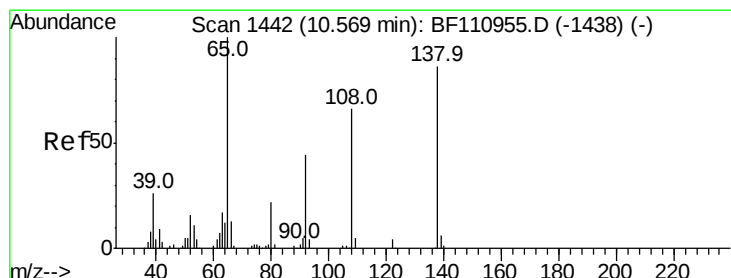
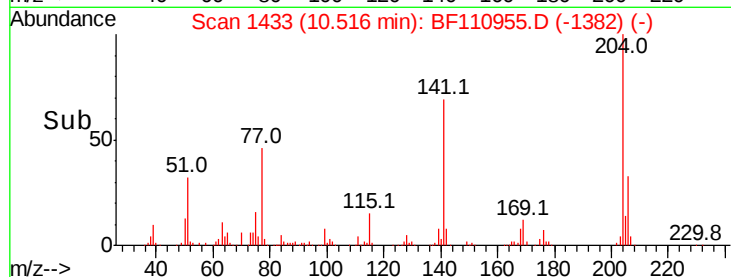
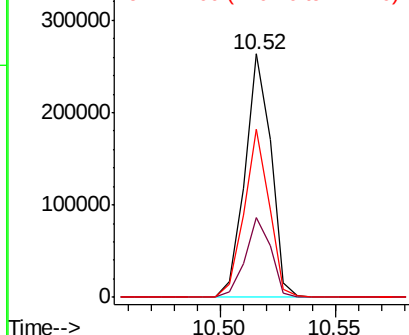
#61
4-Chlorophenyl-phenylether
Concen: 40.549 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	69.2	51.8	77.8

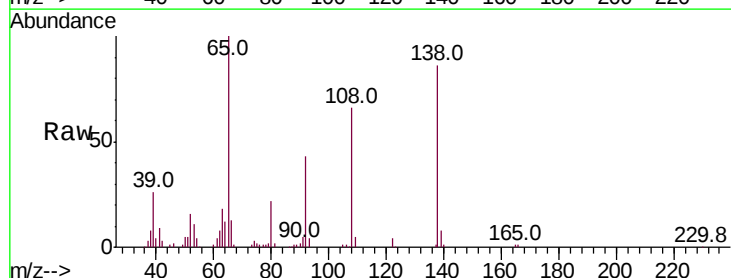


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

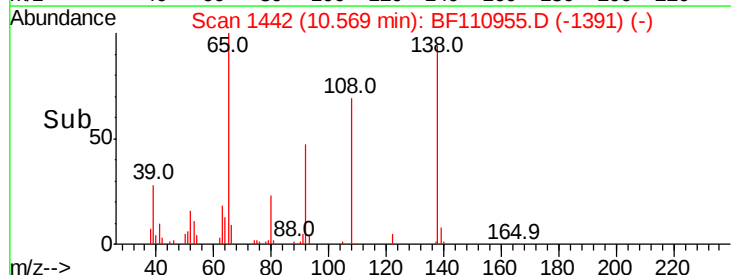
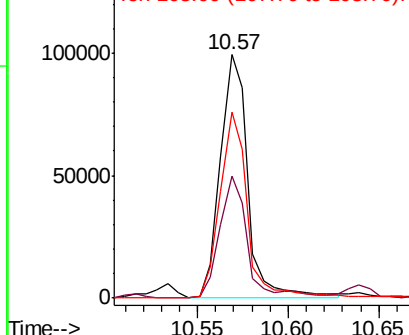


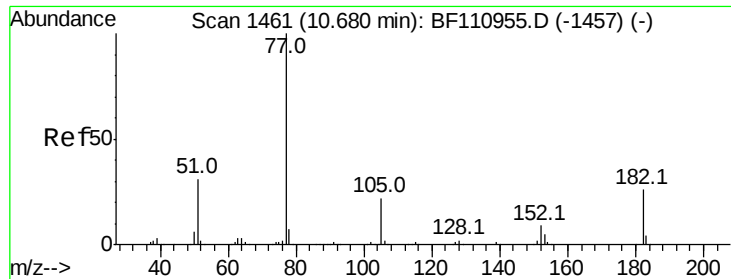
#62
4-Nitroaniline
Concen: 37.846 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.7	71.7
108	76.4	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

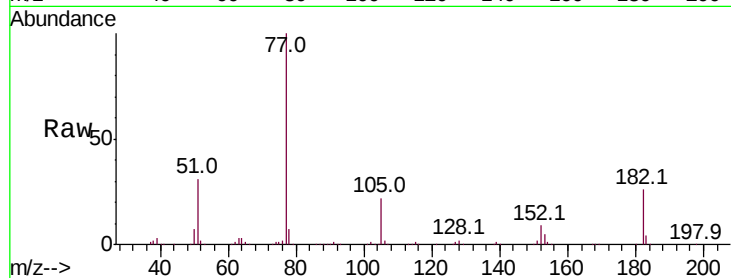




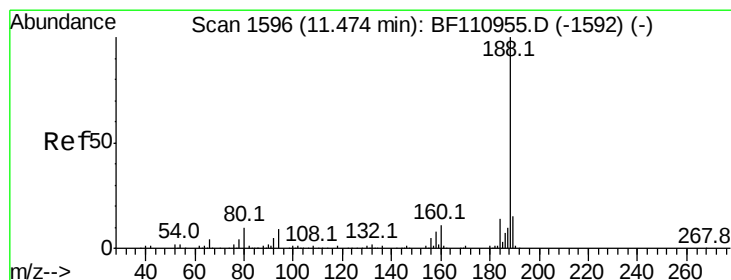
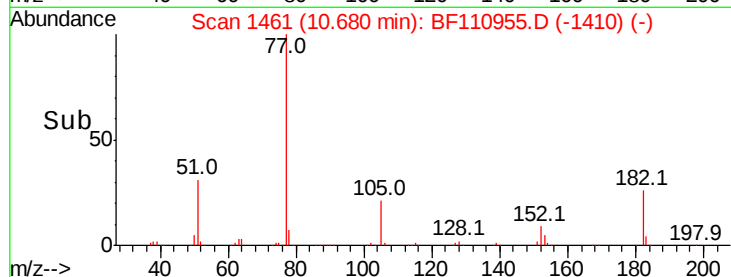
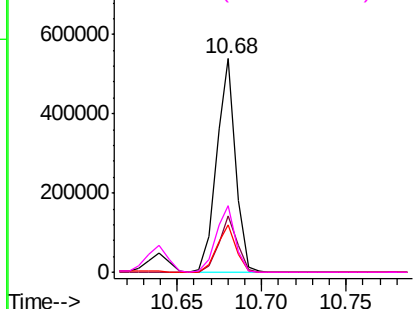
#63
Azobenzene
Concen: 40.861 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	423647
Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.3	44.3
105	22.0	1.3	41.3
51	30.9	9.0	49.0

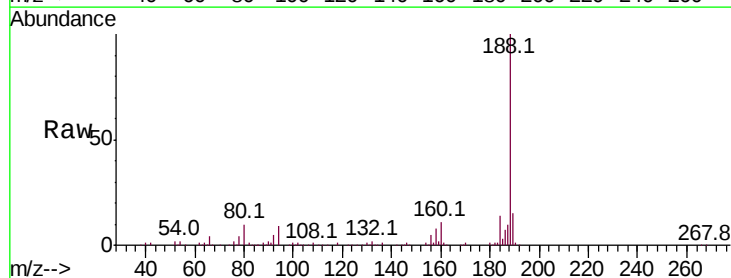


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

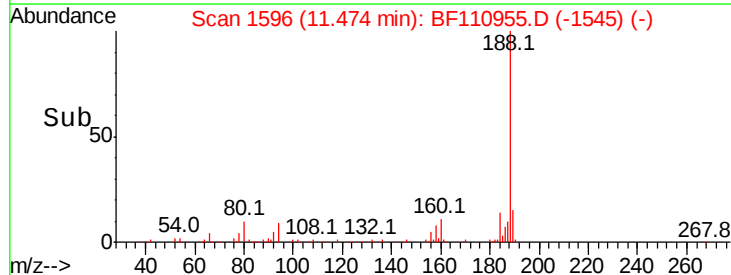
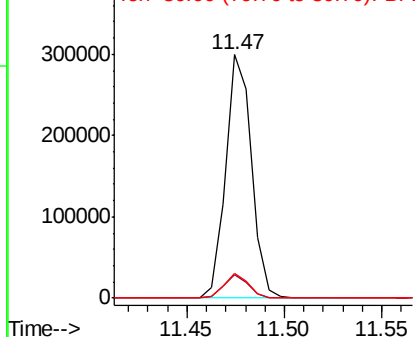


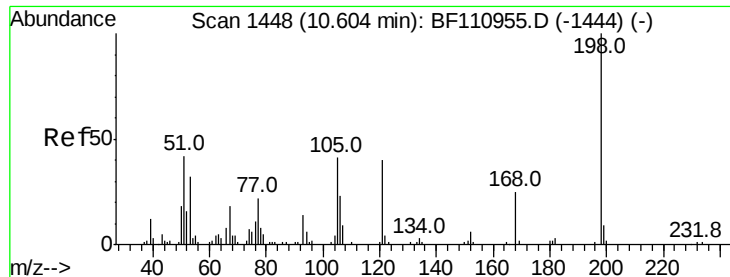
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion:	188	Resp:	273912
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	9.9	7.9	11.9



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

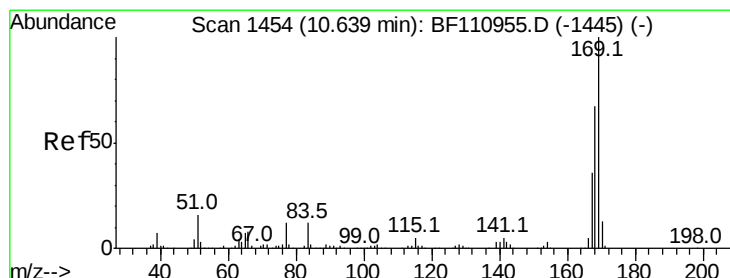
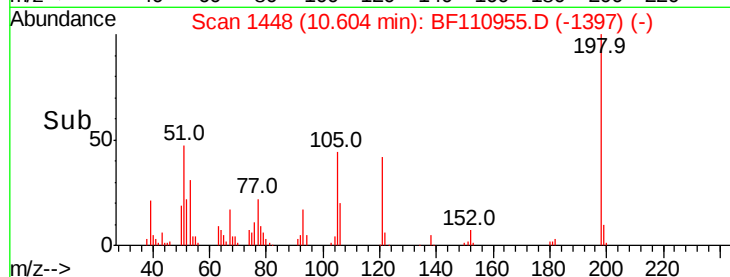
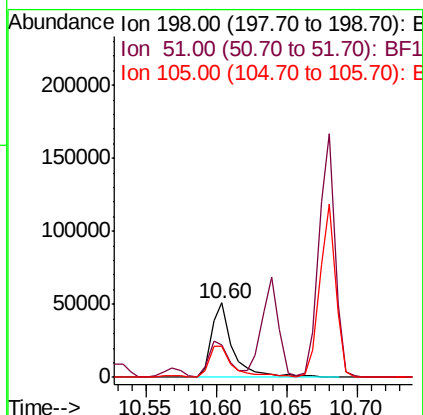
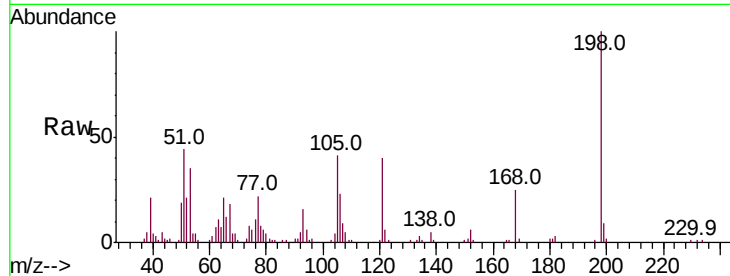




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.838 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

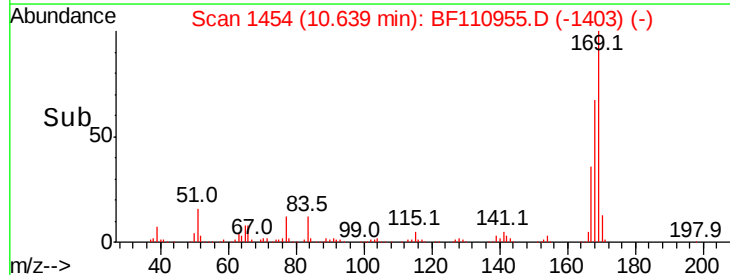
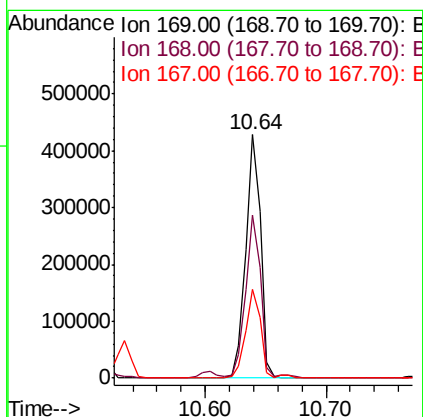
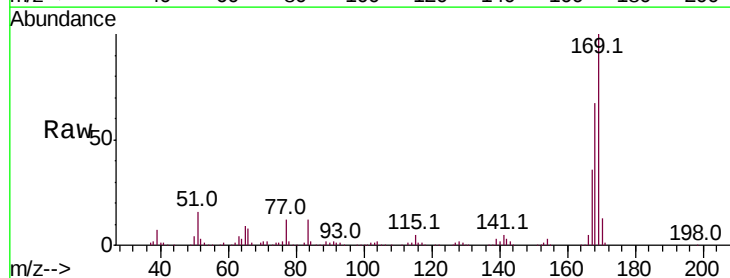
Instrument :
 BNA_F
 ClientSampleId :

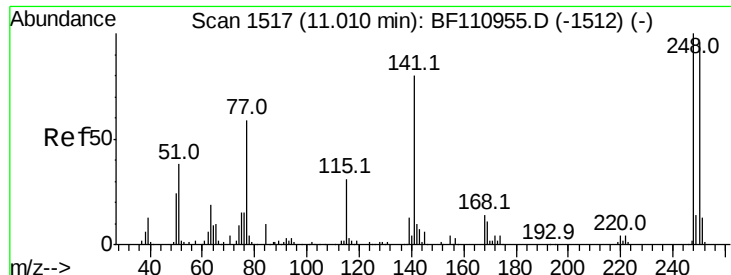
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.8	22.8	62.8
105	41.4	23.6	63.6



#66
 n-Nitrosodiphenylamine
 Concen: 40.005 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	51.2	76.8
167	36.3	27.8	41.6

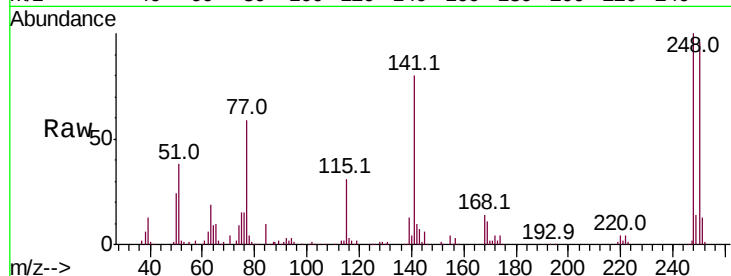




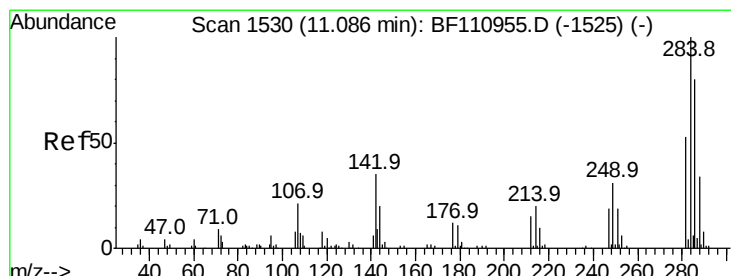
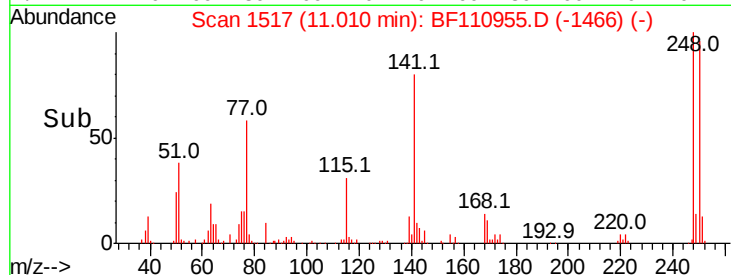
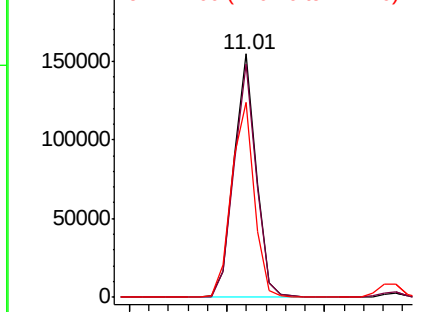
#67
4-Bromophenyl-phenylether
Concen: 40.377 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 122233
Ion Ratio Lower Upper
248 100
250 96.1 79.4 119.2
141 80.0 55.9 83.9

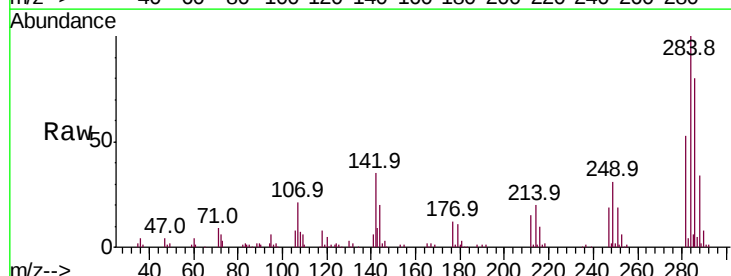


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

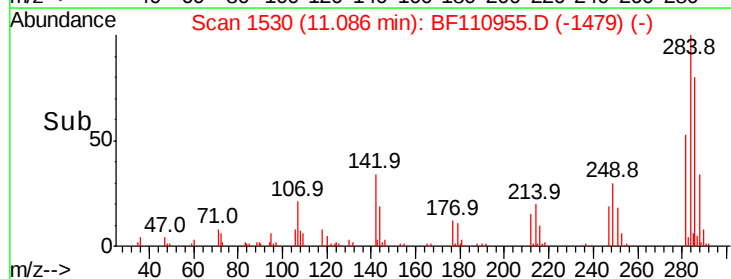
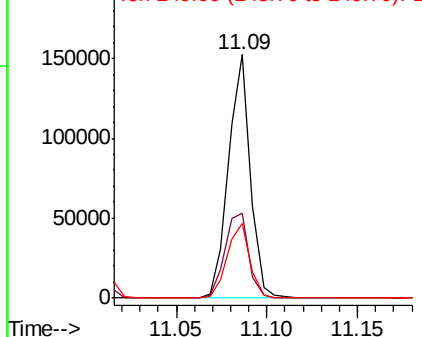


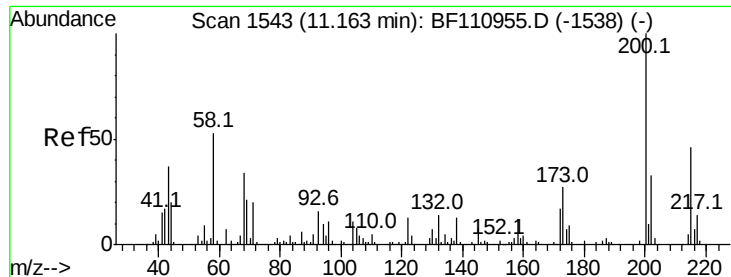
#68
Hexachlorobenzene
Concen: 40.176 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion:284 Resp: 128230
Ion Ratio Lower Upper
284 100
142 34.9 23.9 35.9
249 30.9 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

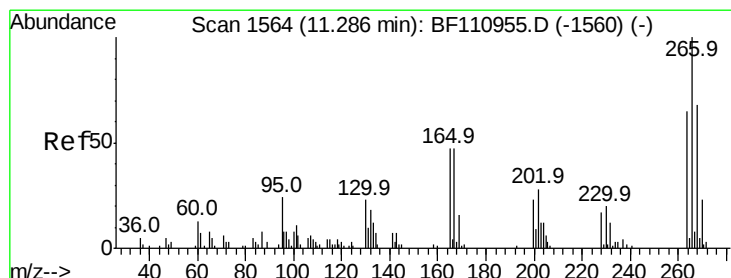
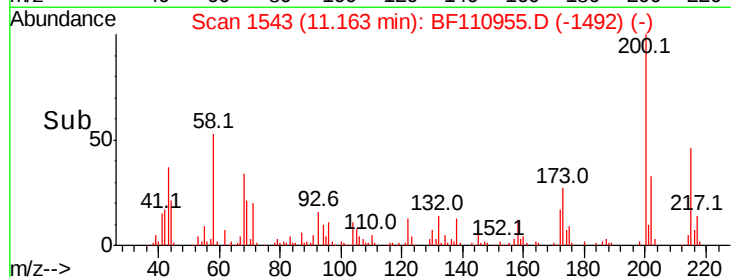
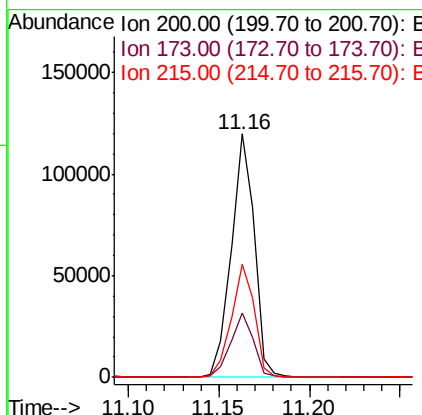
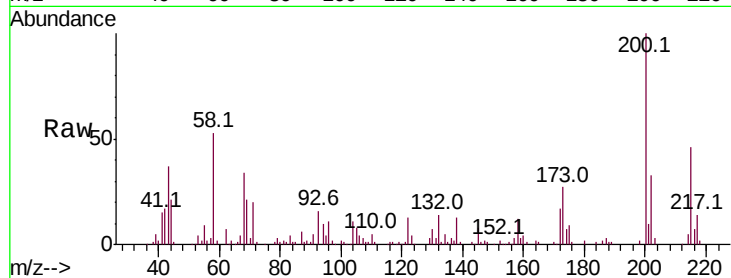




#69
 Atrazine
 Concen: 37.742 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

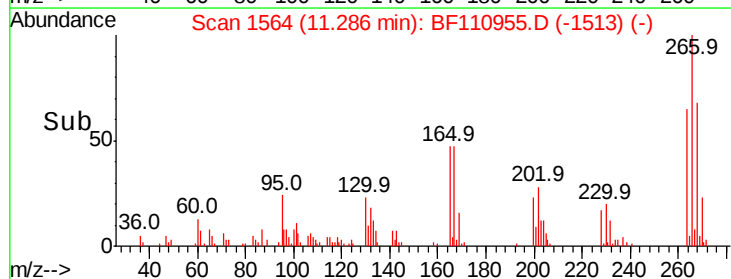
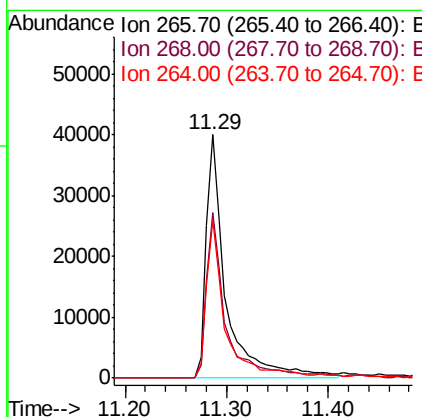
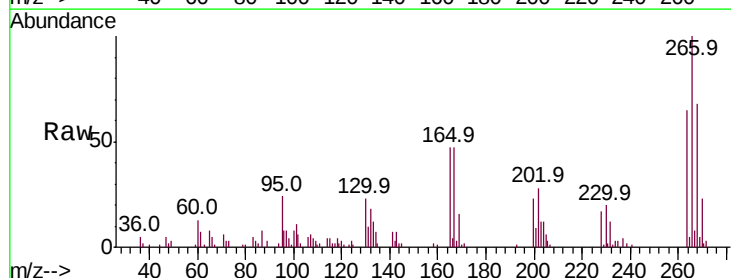
Instrument :
 BNA_F
 ClientSampleId :

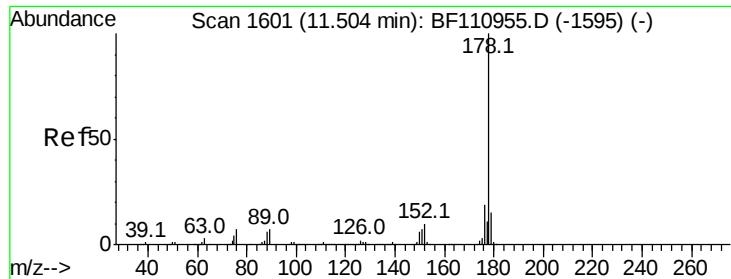
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	46.4	26.3	66.3



#70
 Pentachlorophenol
 Concen: 31.942 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.2	50.6	75.8
264	64.6	50.6	75.8

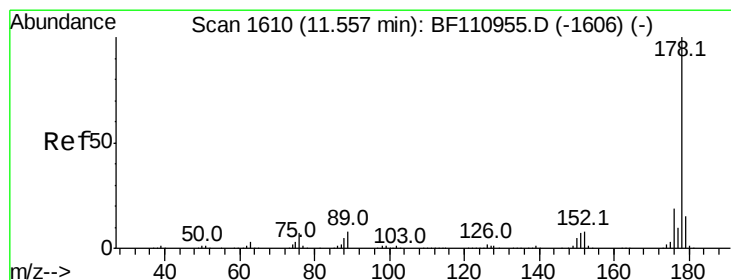
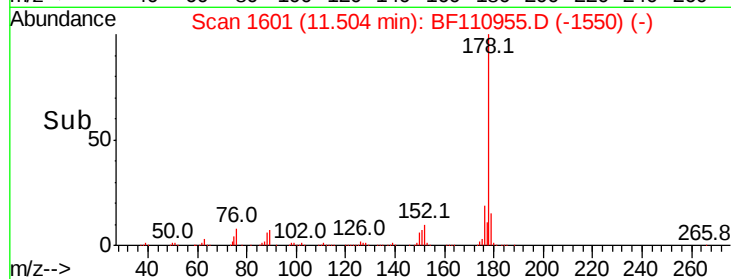
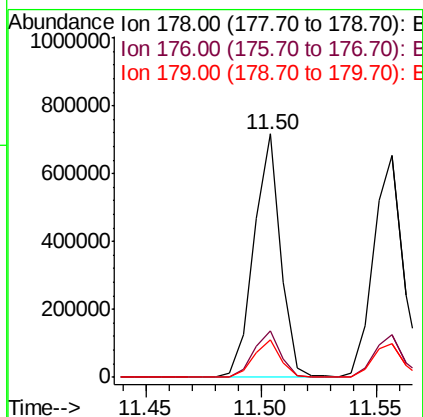
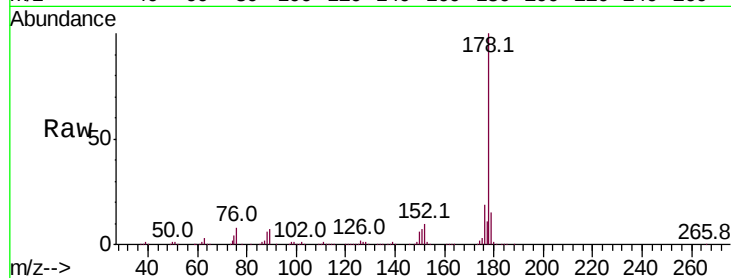




#71
Phenanthrene
Concen: 39.534 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

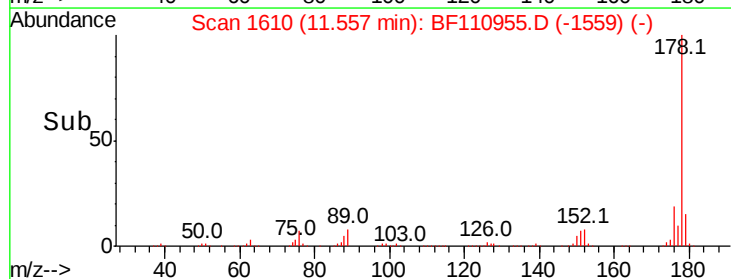
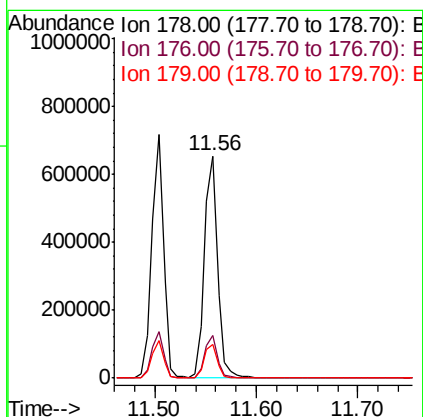
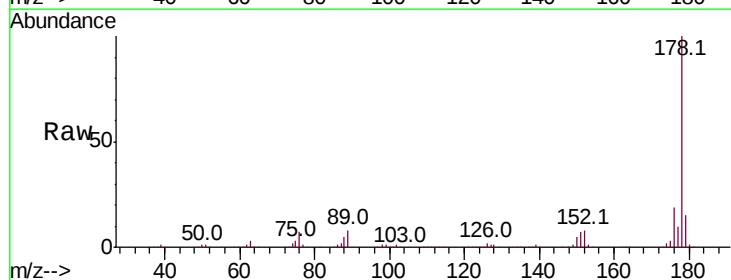
Instrument :
BNA_F
ClientSampled :

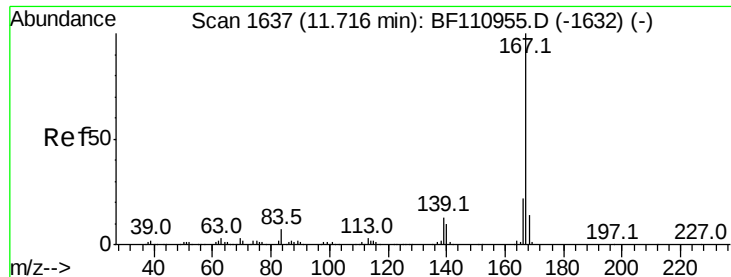
Tot Ion:178 Resp: 580161
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.2 12.5 18.7



#72
Anthracene
Concen: 40.149 ng
RT: 11.56 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion:178 Resp: 594333
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.4 12.6 18.8

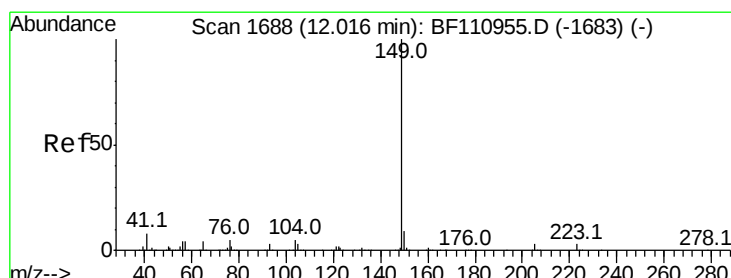
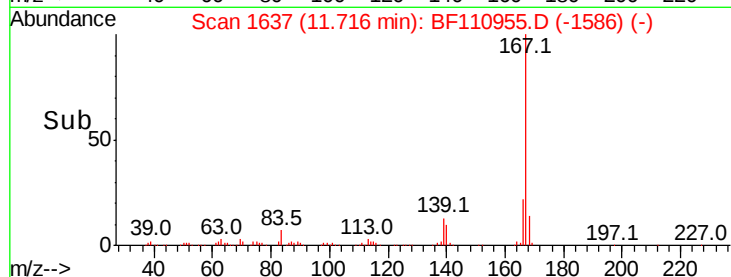
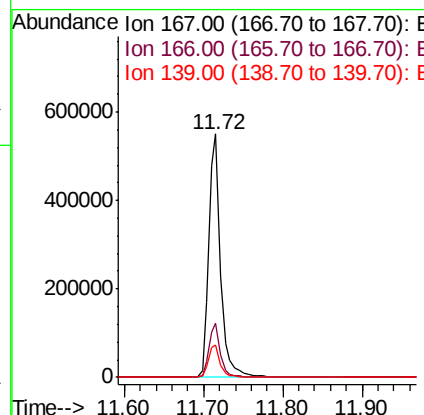
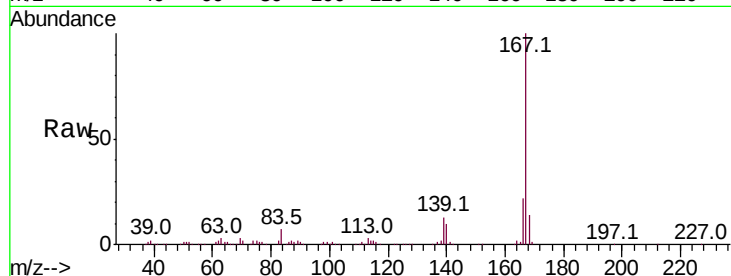




#73
 Carbazole
 Concen: 40.586 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

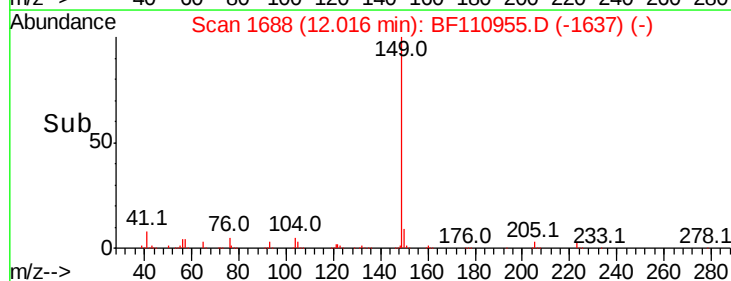
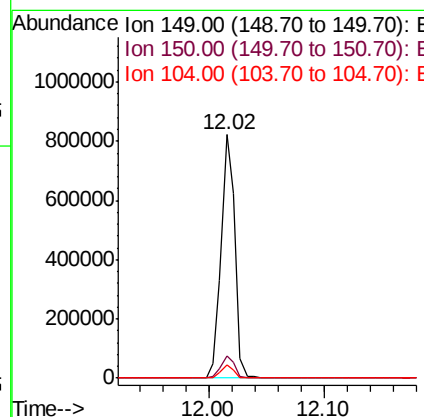
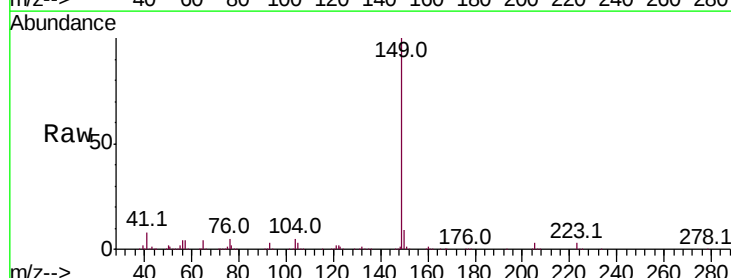
Instrument :
 BNA_F
 ClientSampleId :

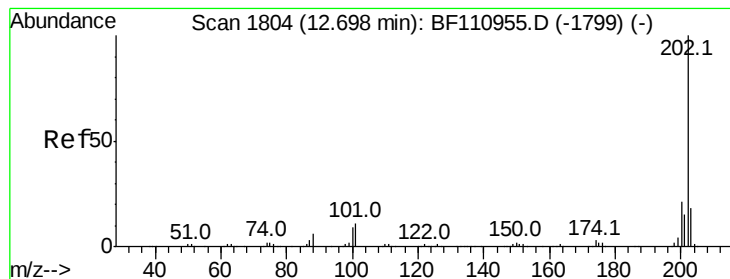
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	13.2	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 40.511 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.3	4.2	6.4





#75

Fluoranthene

Concen: 40.490 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :

BNA_F

ClientSampleId :

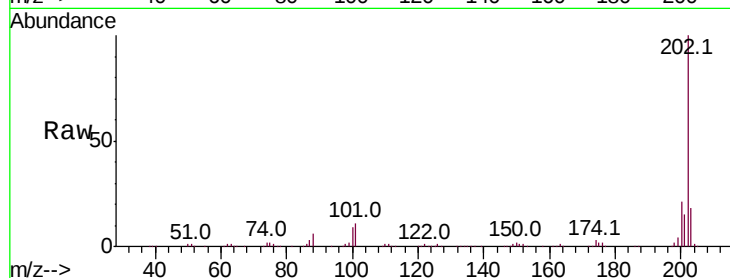
Tot Ion:202 Resp: 595709

Ion Ratio Lower Upper

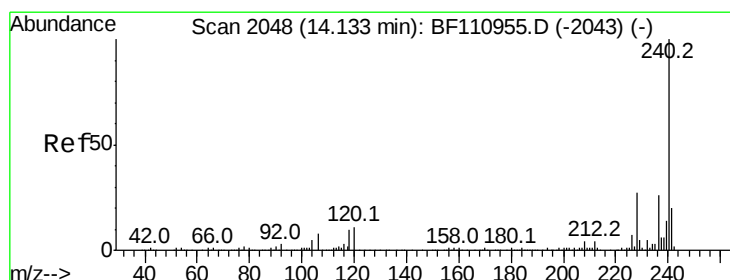
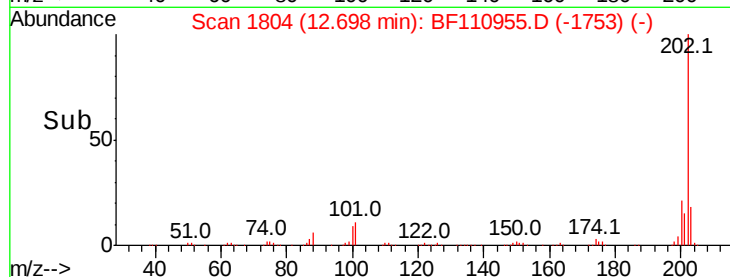
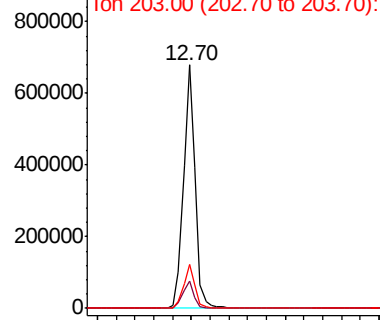
202 100

101 11.3 0.0 31.4

203 18.0 0.0 37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

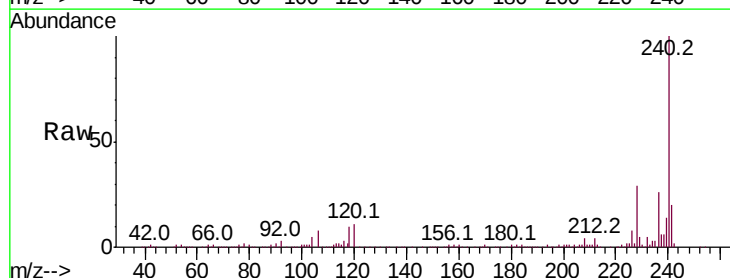
Tgt Ion:240 Resp: 207150

Ion Ratio Lower Upper

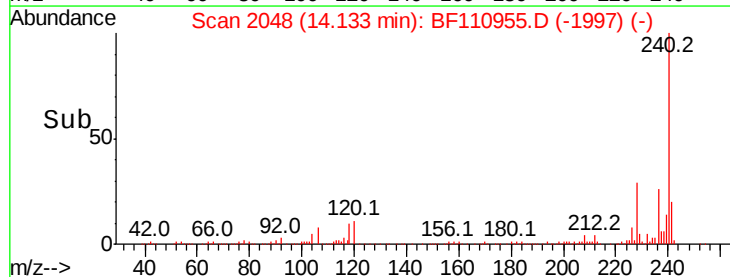
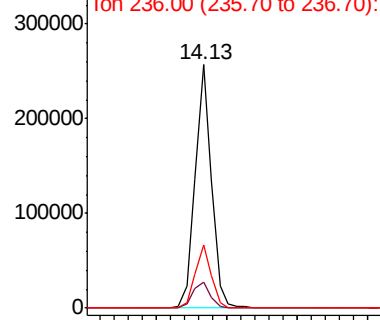
240 100

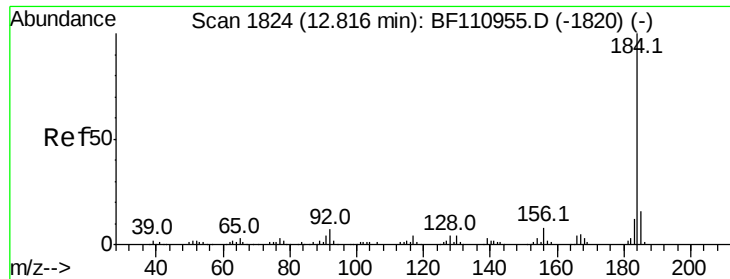
120 10.8 8.3 12.5

236 25.8 21.2 31.8



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





#77

Benzidine

Concen: 33.828 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :

BNA_F

ClientSampleId :

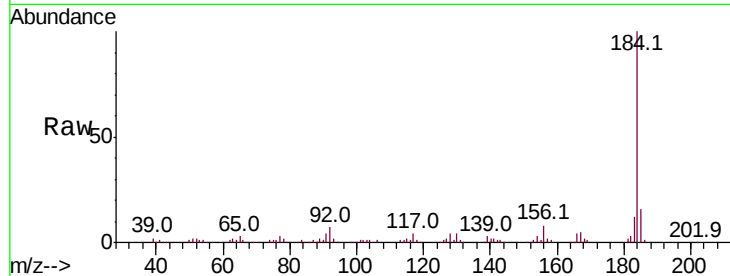
Tot Ion:184 Resp: 192706

Ion Ratio Lower Upper

184 100

185 16.0 13.4 20.2

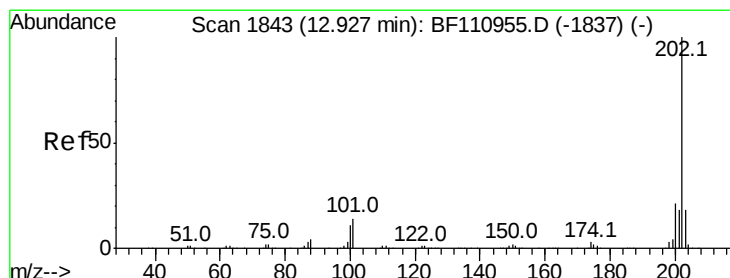
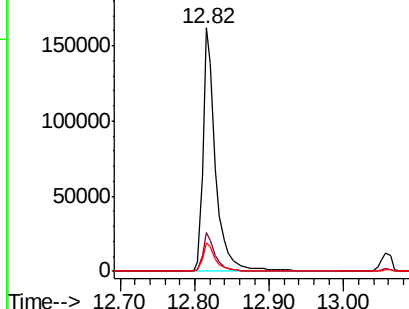
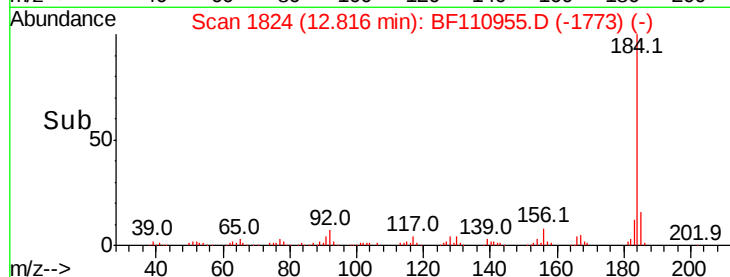
183 11.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.157 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

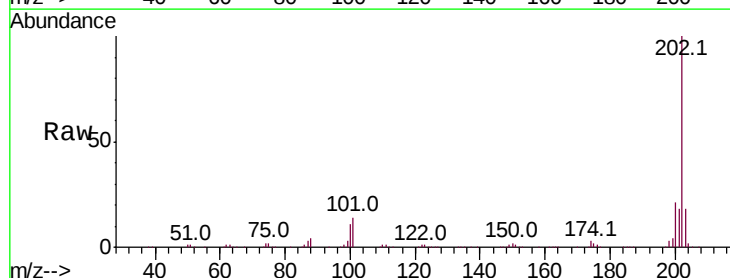
Tgt Ion:202 Resp: 608611

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

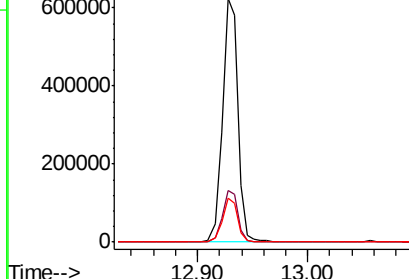
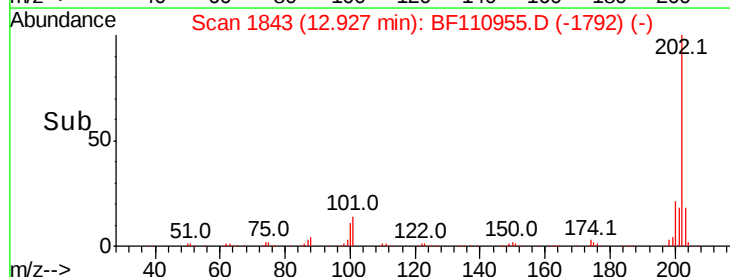
203 18.0 14.2 21.4

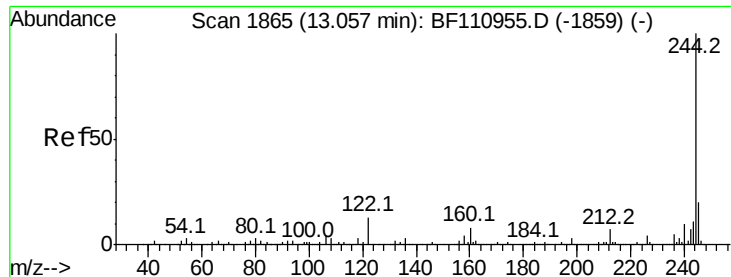


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.093 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :

BNA_F

ClientSampleId :

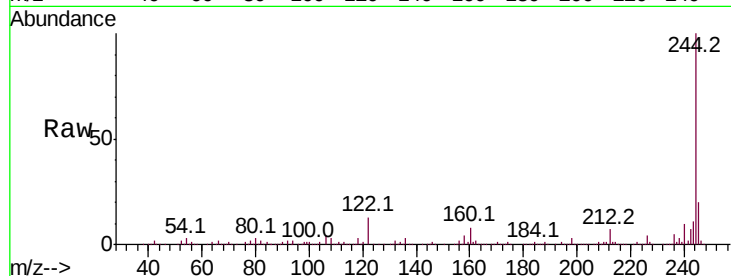
Tot Ion:244 Resp: 841681

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

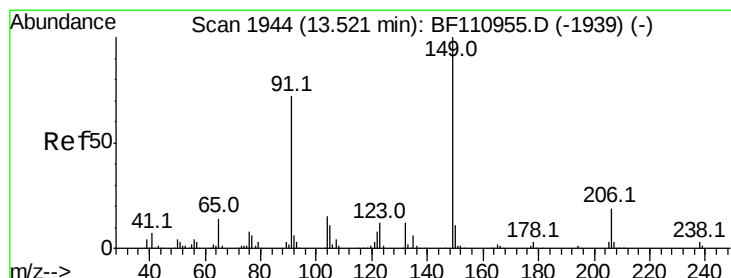
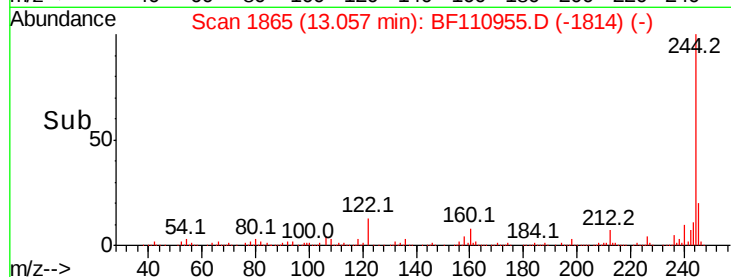
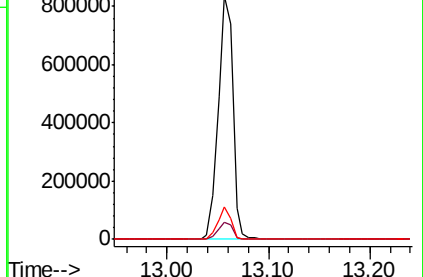
122 13.3 8.7 13.1#



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: 40.824 ng

RT: 13.52 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

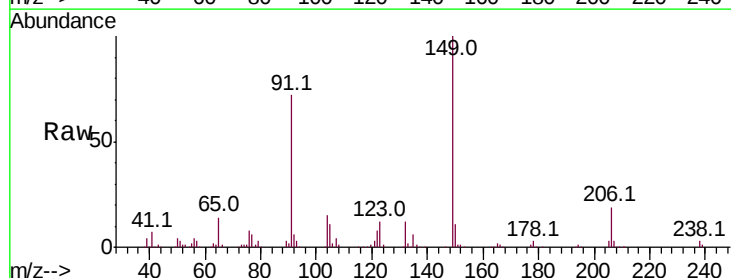
Tgt Ion:149 Resp: 280261

Ion Ratio Lower Upper

149 100

91 72.1 57.2 85.8

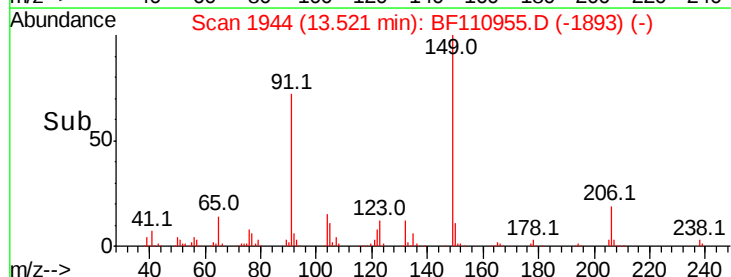
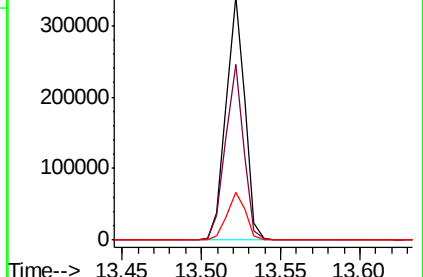
206 19.4 15.7 23.5

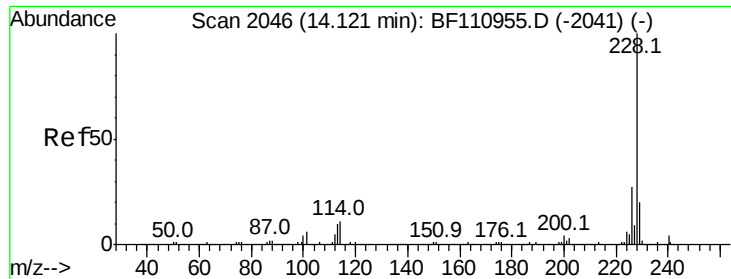


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

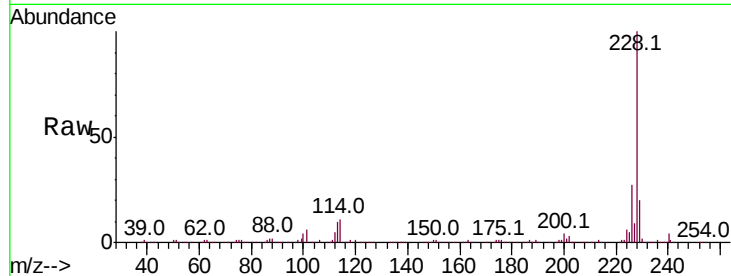




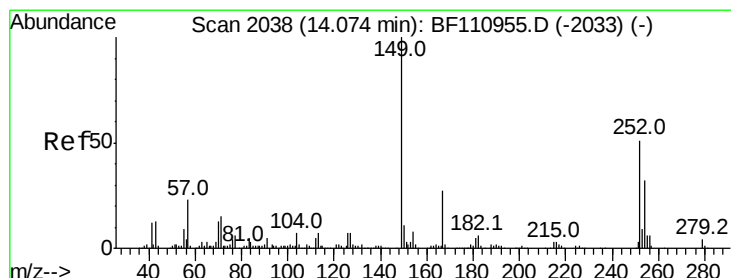
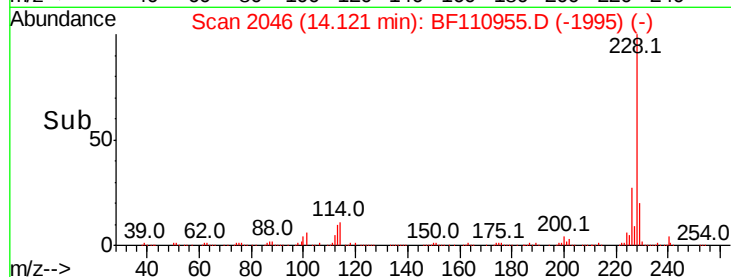
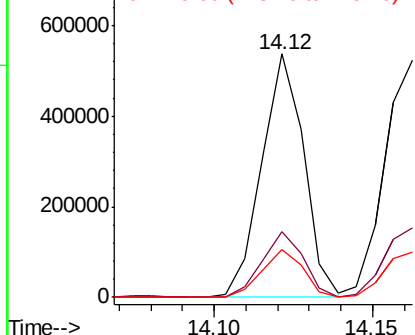
#81
Benzo(a)anthracene
Concen: 40.241 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.6	15.6	23.4

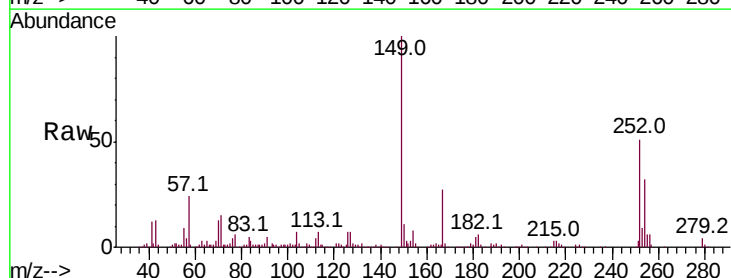


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

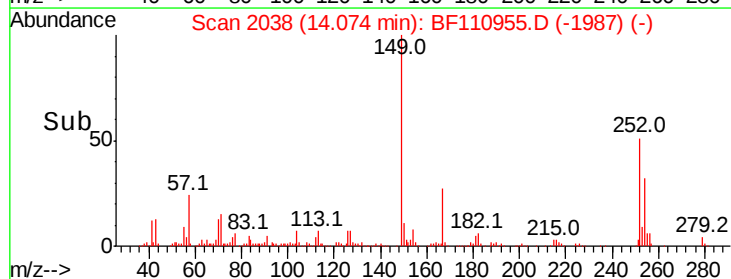
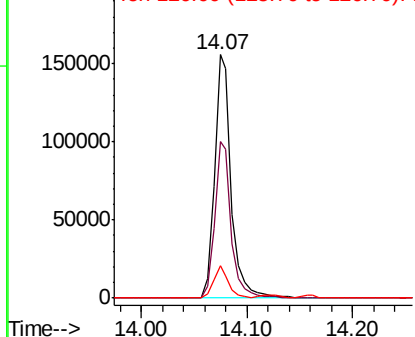


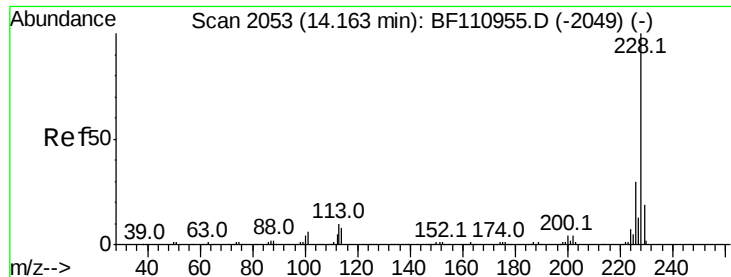
#82
3,3'-Dichlorobenzidine
Concen: 41.707 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.3	76.9
126	13.2	9.4	14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

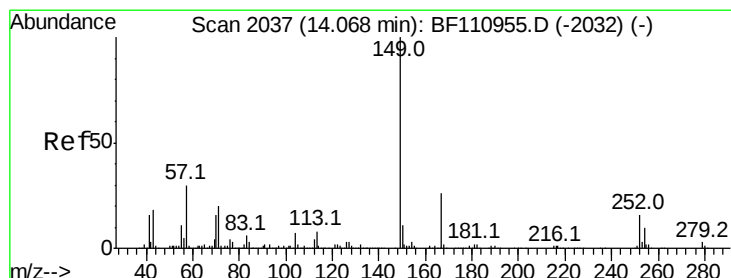
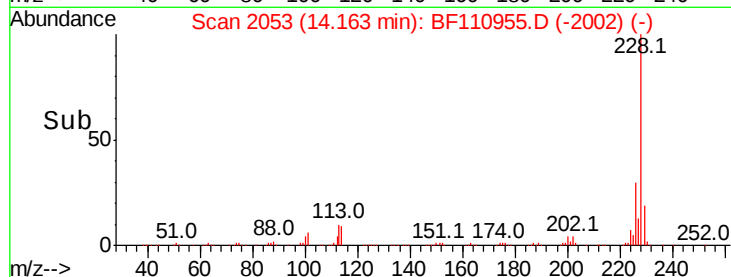
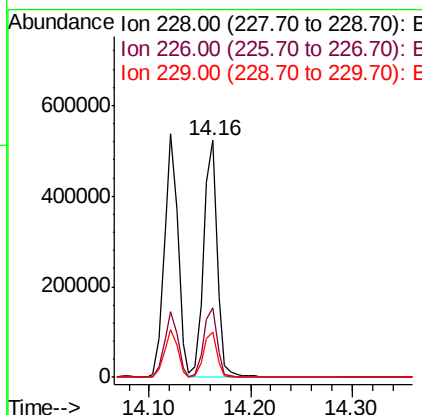
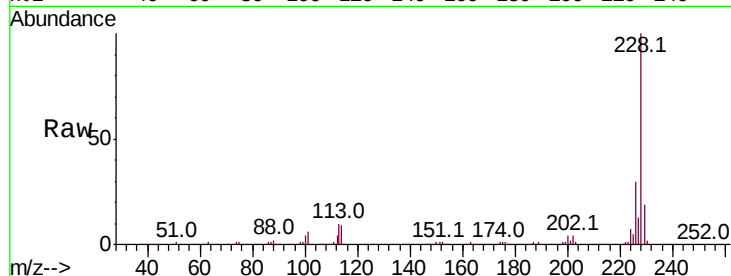




#83
 Chrysene
 Concen: 41.206 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

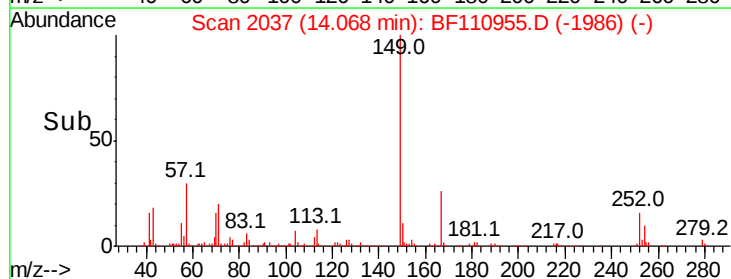
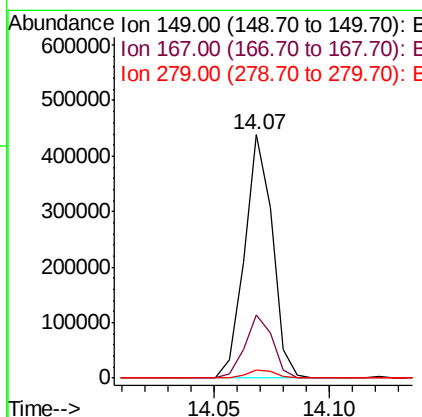
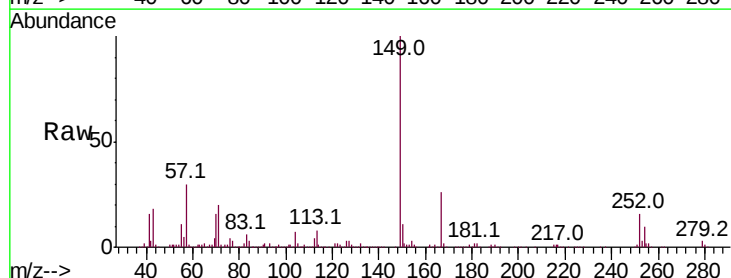
Instrument :
 BNA_F
 ClientSampleId :

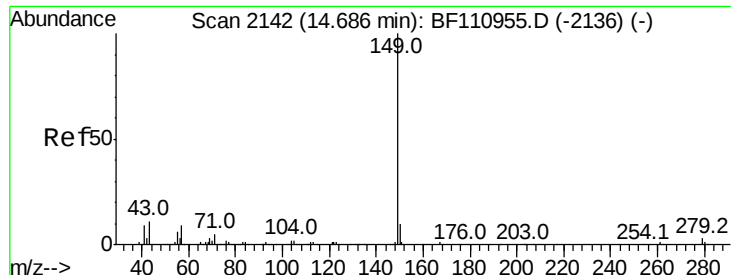
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.7	37.1
229	19.0	15.9	23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.497 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF110955.D
 Acq: 26 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	19.8	29.8
279	3.2	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 47.038 ng

RT: 14.69 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

Instrument :

BNA_F

ClientSampleId :

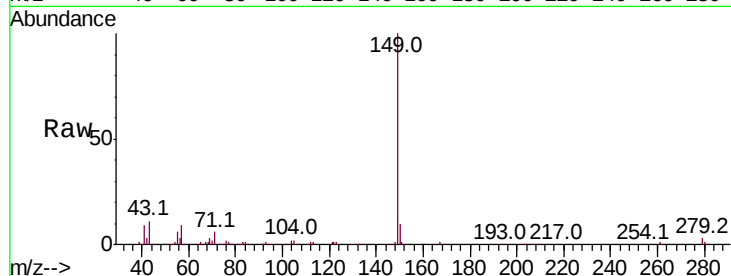
Tot Ion:149 Resp: 589085

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

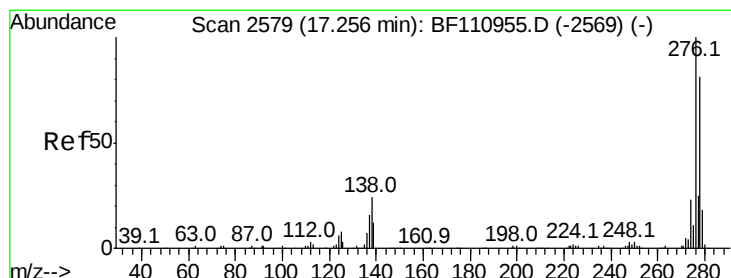
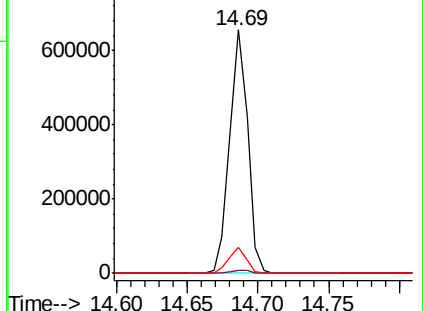
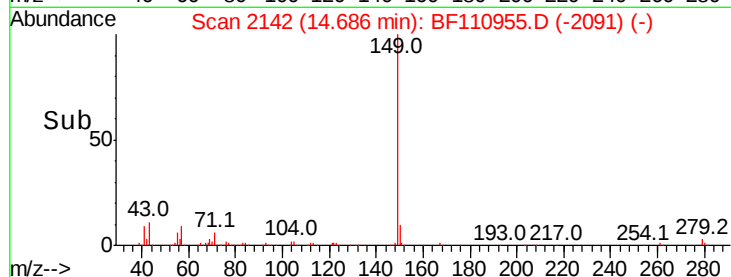
43 10.4 7.8 11.8



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: 39.208 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BF110955.D

Acq: 26 Nov 2018 10:58

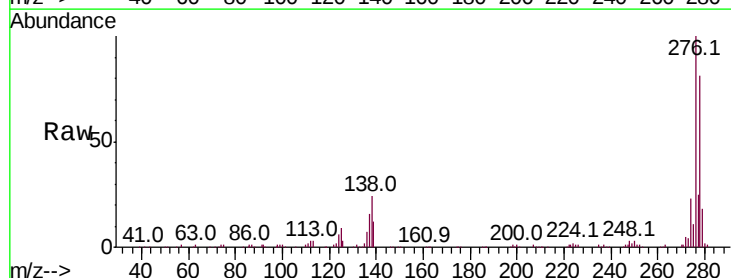
Tgt Ion:276 Resp: 331881

Ion Ratio Lower Upper

276 100

138 24.8 18.5 27.7

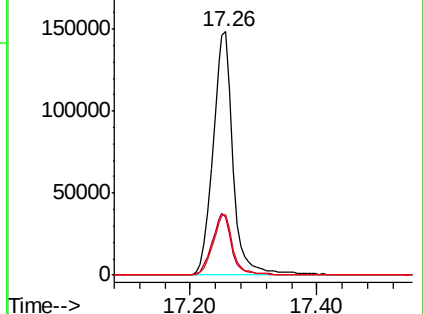
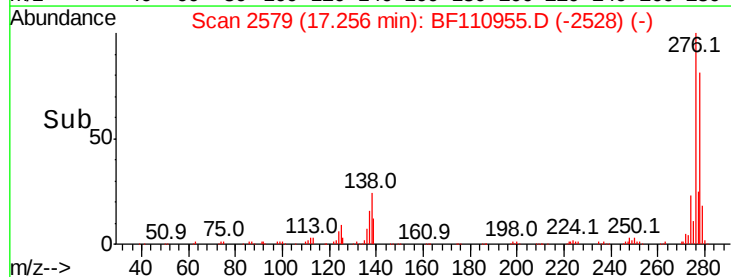
277 24.6 20.0 30.0

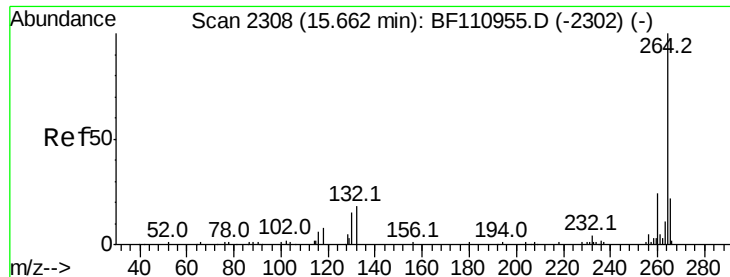


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



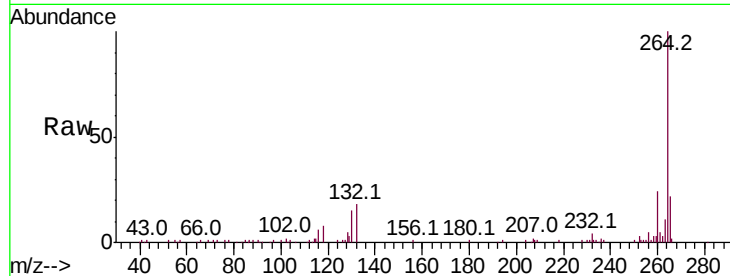


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

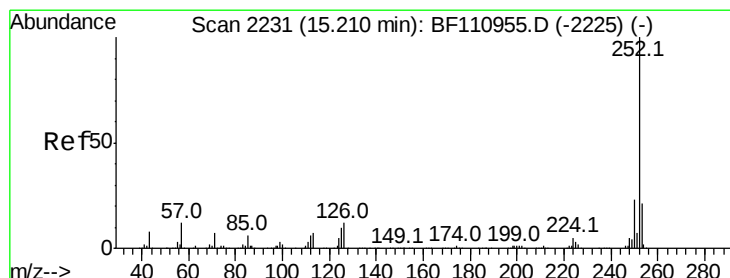
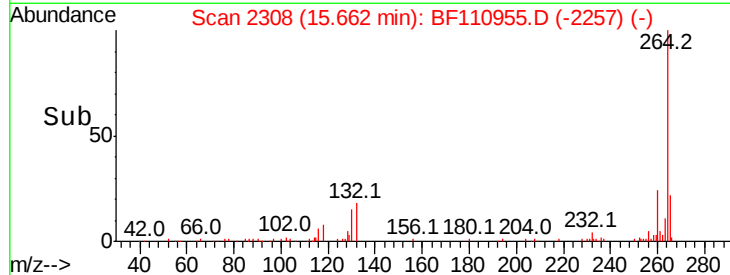
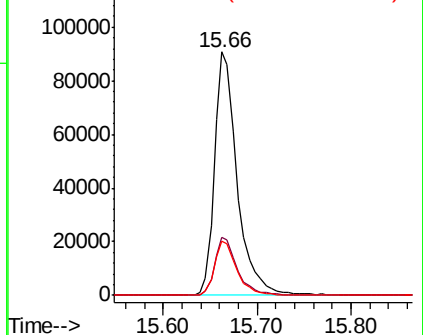
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 153371

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.2	16.7	25.1



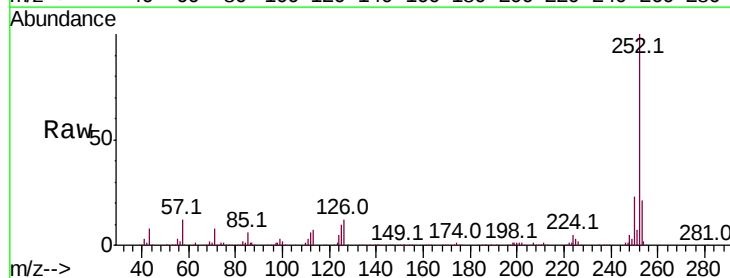
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



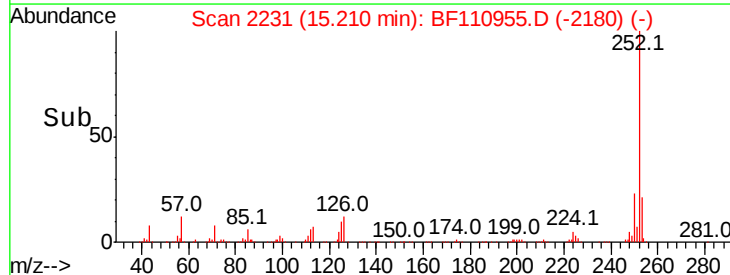
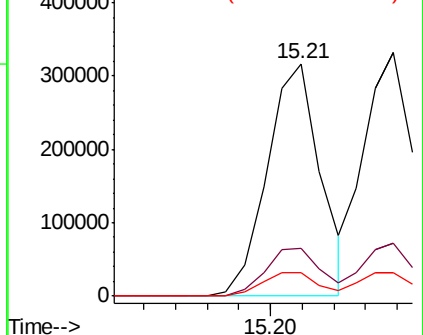
#88
Benzo(b)fluoranthene
Concen: 40.381 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

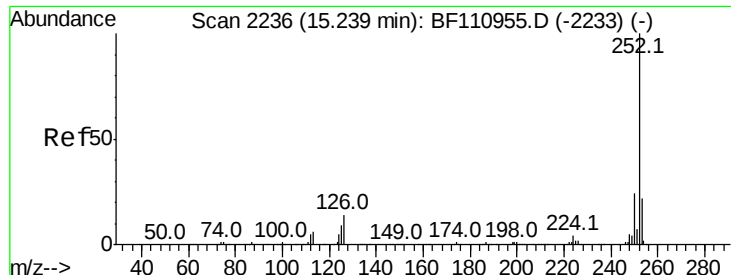
Tgt Ion:252 Resp: 370507

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.2	25.8
125	9.8	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

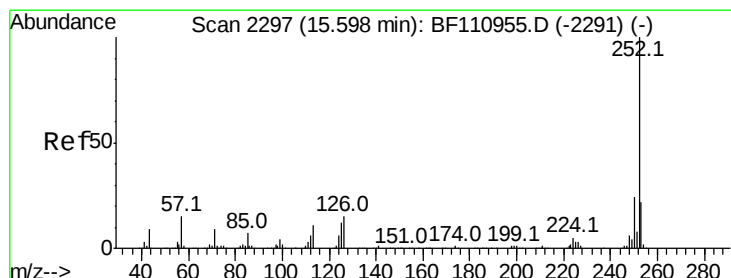
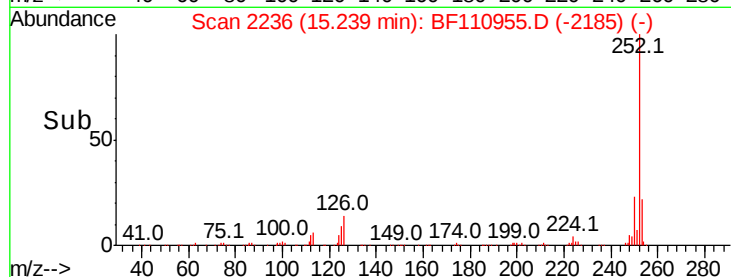
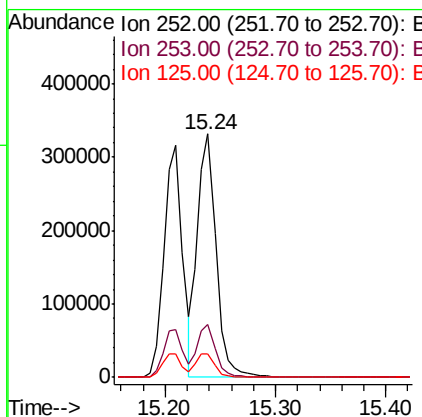
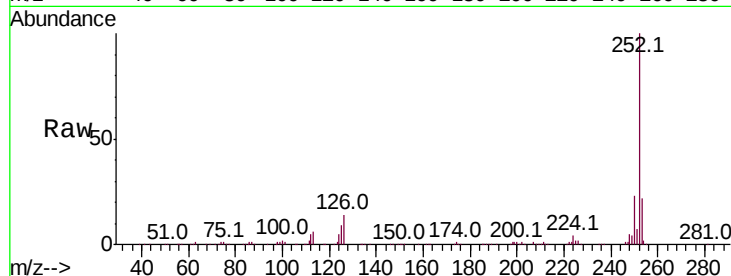




#89
Benzo(k)fluoranthene
Concen: 42.020 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

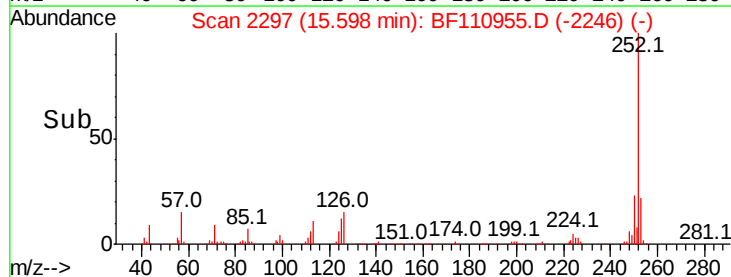
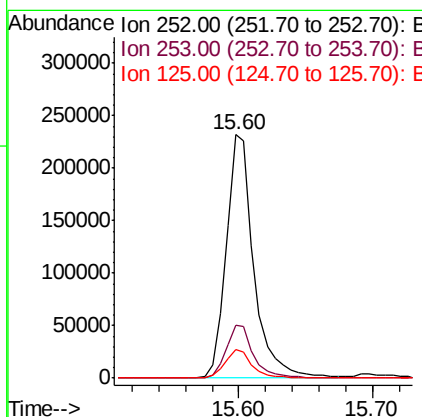
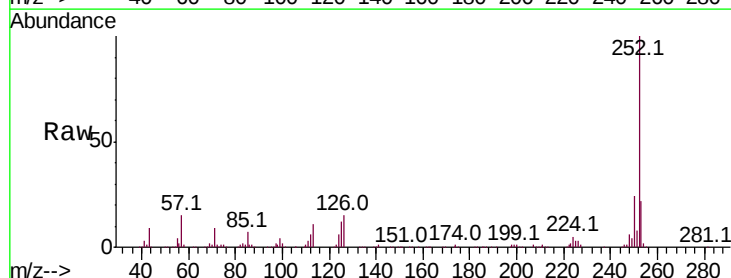
Instrument :
BNA_F
ClientSampleId :

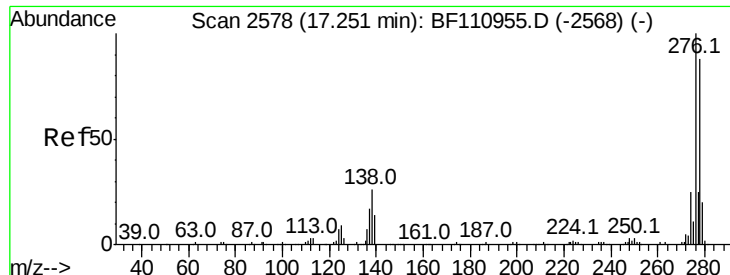
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	9.4	7.4	11.0



#90
Benzo(a)pyrene
Concen: 40.314 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	11.8	9.0	13.6

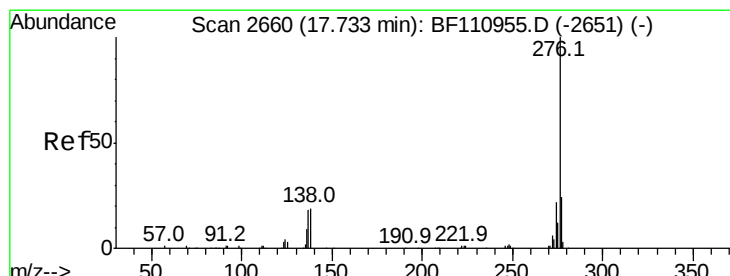
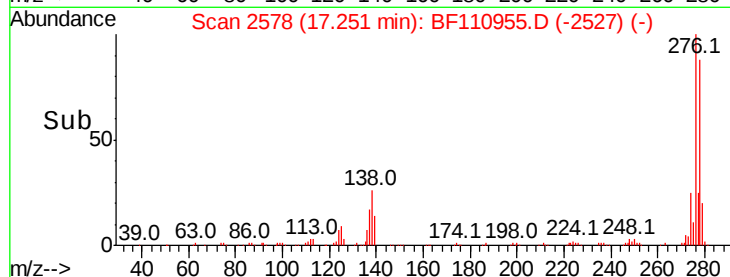
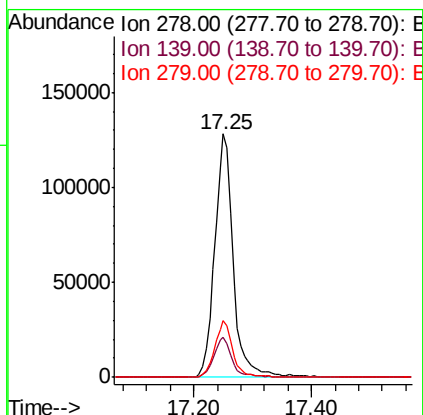
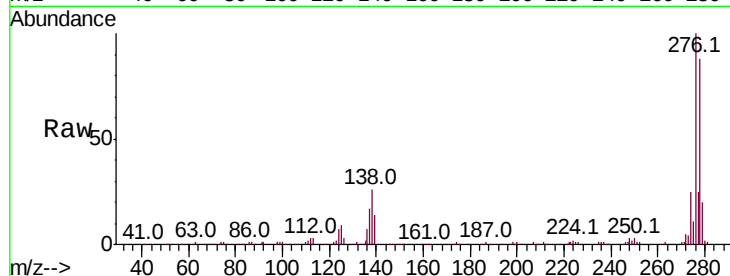




#91
Dibenzo(a,h)anthracene
Concen: 39.475 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 278478
Ion Ratio Lower Upper
278 100
139 16.3 12.7 19.1
279 23.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 38.873 ng
RT: 17.73 min Scan# 2660
Delta R.T. 0.00 min
Lab File: BF110955.D
Acq: 26 Nov 2018 10:58

Tgt Ion:276 Resp: 272088
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 19.3 16.0 24.0

