

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110083.D
 Acq On : 23 Oct 2018 17:52
 Operator : JU/SJ
 Sample : J5164-01
 Misc : LOD 2PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:52:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	186116	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	788522	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	386451	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	754528	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	636988	20.00	ng	-0.02
87) Perylene-d12	15.67	264	559754	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1446883	126.60	ng	-0.02
7) Phenol-d6	6.59	99	1847458	126.38	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1095475	82.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	486914	127.20	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1952748	79.35	ng	-0.01
79) Terphenyl-d14	13.09	244	2052335	67.01	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	10275	1.716	ng	97
3) Pyridine	3.72	79	21490	1.611	ng	90
4) n-Nitrosodimethylamine	3.56	42	10641	1.904	ng	# 92
6) Aniline	6.63	93	31629	1.661	ng	# 53
8) 2-Chlorophenol	6.75	128	28385	2.154	ng	82
9) Benzaldehyde	6.52	77	18667	1.006	ng	97
10) Phenol	6.60	94	34095	2.182	ng	# 64
11) bis(2-Chloroethyl)ether	6.70	93	27196	2.115	ng	96
12) 1,3-Dichlorobenzene	6.90	146	30307	2.090	ng	97
13) 1,4-Dichlorobenzene	6.98	146	30615	2.088	ng	94
14) 1,2-Dichlorobenzene	7.13	146	29421	2.161	ng	97
15) Benzyl Alcohol	7.10	79	16719	1.487	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	7.23	45	44275	2.154	ng	67
17) 2-Methylphenol	7.20	107	22012	2.096	ng	# 82
18) Hexachloroethane	7.47	117	10985	2.046	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	20324	2.167	ng	96
20) 3+4-Methylphenols	7.36	107	29033	2.139	ng	93
22) Acetophenone	7.36	105	42047	2.314	ng	# 95
24) Nitrobenzene	7.55	77	33489	2.440	ng	96
25) Isophorone	7.77	82	54320	2.397	ng	96
26) 2-Nitrophenol	7.86	139	12015	1.840	ng	94
27) 2,4-Dimethylphenol	7.89	122	23069	2.130	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	34693	2.254	ng	100
29) 2,4-Dichlorophenol	8.10	162	21580	1.973	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	25376	2.071	ng	95
31) Naphthalene	8.27	128	87820	2.416	ng	98
32) Benzoic acid	7.93	122	5629	0.673	ng	90
33) 4-Chloroaniline	8.32	127	25133	1.537	ng	97
34) Hexachlorobutadiene	8.38	225	14328	2.106	ng	96
35) Caprolactam	8.65	113	6799	1.783	ng	92
36) 4-Chloro-3-methylphenol	8.78	107	23773	2.010	ng	91
37) 2-Methylnaphthalene	8.96	142	61037	2.538	ng	92
38) 1-Methylnaphthalene	9.06	142	56188	2.418	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	25070	2.082	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110083.D
 Acq On : 23 Oct 2018 17:52
 Operator : JU/SJ
 Sample : J5164-01
 Misc : LOD 2PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:52:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

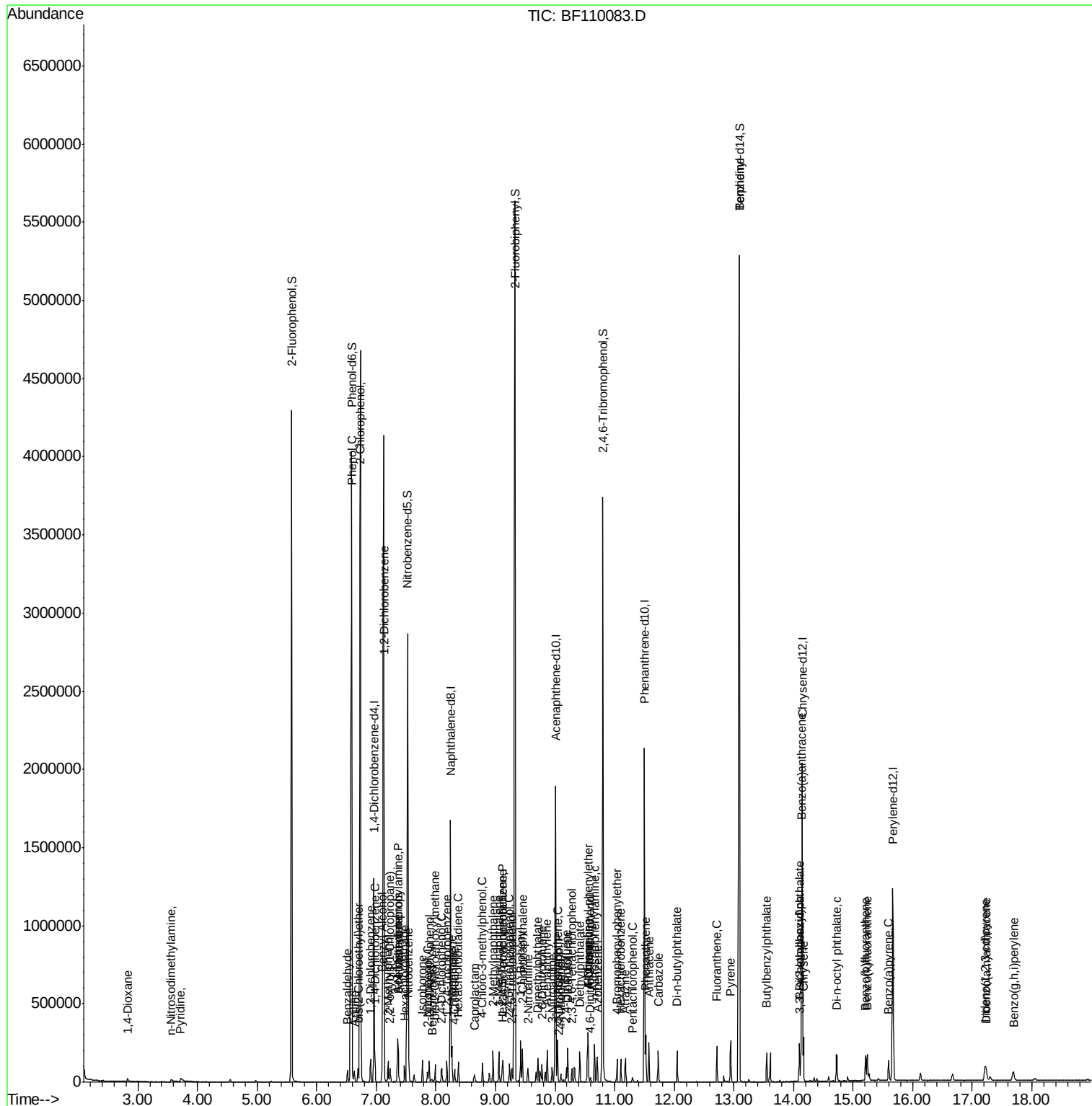
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	11357	1.845	ng	99
43) 2,4,6-Trichlorophenol	9.23	196	15201	1.957	ng	97
44) 2,4,5-Trichlorophenol	9.27	196	15924	1.940	ng	95
46) 1,1'-Biphenyl	9.42	154	77640	2.222	ng	96
47) 2-Chloronaphthalene	9.45	162	55966	2.183	ng	95
48) 2-Nitroaniline	9.54	65	15236	1.961	ng	93
49) Acenaphthylene	9.87	152	87131	2.353	ng	100
50) Dimethylphthalate	9.72	163	65042	2.280	ng	99
51) 2,6-Dinitrotoluene	9.78	165	12398	2.018	ng	93
52) Acenaphthene	10.04	154	56387	2.302	ng	97
53) 3-Nitroaniline	9.95	138	12573	1.721	ng	91
54) 2,4-Dinitrophenol	10.06	184	1686	5.822	ng	# 77
55) Dibenzofuran	10.21	168	78436	2.287	ng	96
56) 4-Nitrophenol	10.10	139	8846	1.636	ng	97
57) 2,4-Dinitrotoluene	10.19	165	16104	2.063	ng	# 87
58) Fluorene	10.56	166	63277	2.479	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	11419	1.707	ng	97
60) Diethylphthalate	10.42	149	61872	2.222	ng	99
61) 4-Chlorophenyl-phenylether	10.54	204	30820	2.289	ng	91
62) 4-Nitroaniline	10.56	138	13775	1.895	ng	92
63) Azobenzene	10.71	77	61658	2.231	ng	96
65) 4,6-Dinitro-2-methylphenol	10.59	198	3591	1.042	ng	77
66) n-Nitrosodiphenylamine	10.66	169	54023	2.183	ng	94
67) 4-Bromophenyl-phenylether	11.04	248	17360	2.121	ng	97
68) Hexachlorobenzene	11.10	284	18771	2.162	ng	97
69) Atrazine	11.18	200	16552	2.116	ng	97
70) Pentachlorophenol	11.30	266	5426	1.072	ng	99
71) Phenanthrene	11.52	178	96419	2.442	ng	99
72) Anthracene	11.57	178	99037	2.503	ng	97
73) Carbazole	11.73	167	83873	2.171	ng	97
74) Di-n-butylphthalate	12.05	149	94481	2.165	ng	99
75) Fluoranthene	12.72	202	98521	2.459	ng	98
77) Benzidine	13.09	184	28742	1.077	ng	99
78) Pyrene	12.94	202	98362	2.154	ng	97
80) Butylbenzylphthalate	13.55	149	37797	1.907	ng	97
81) Benzo(a)anthracene	14.13	228	88171	2.334	ng	96
82) 3,3'-Dichlorobenzidine	14.09	252	20145	1.531	ng	96
83) Chrysene	14.17	228	85357	2.379	ng	95
84) Bis(2-ethylhexyl)phthalate	14.10	149	55978	2.089	ng	96
85) Di-n-octyl phthalate	14.73	149	86447	2.075	ng	96
86) Indeno(1,2,3-cd)pyrene	17.22	276	63269	2.126	ng	# 92
88) Benzo(b)fluoranthene	15.21	252	71179	2.202	ng	98
89) Benzo(k)fluoranthene	15.24	252	74986	2.360	ng	98
90) Benzo(a)pyrene	15.60	252	66322	2.230	ng	99
91) Dibenzo(a,h)anthracene	17.24	278	52862	2.060	ng	94
92) Benzo(g,h,i)perylene	17.69	276	50446	1.995	ng	# 91

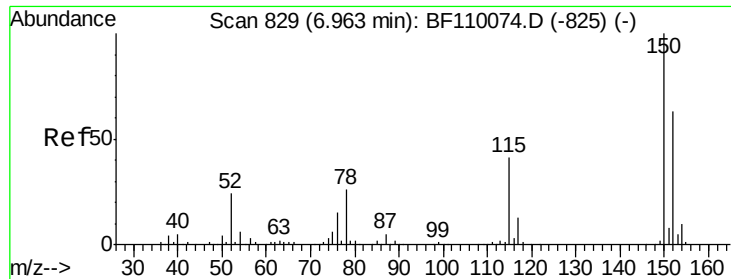
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
Data File : BF110083.D
Acq On : 23 Oct 2018 17:52
Operator : JU/SJ
Sample : J5164-01
Misc : LOD 2PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 24 02:52:26 2018
Quant Method : Z:\SV0ASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration



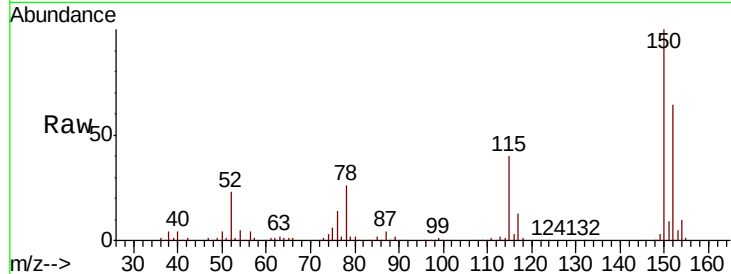


#1

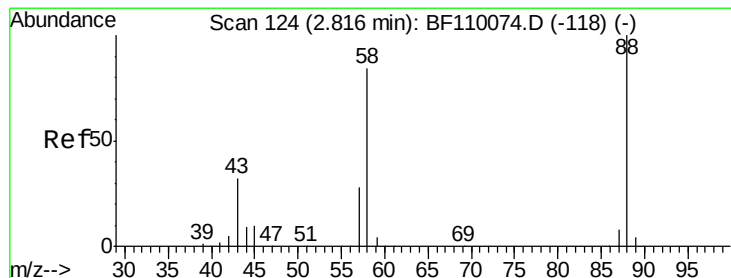
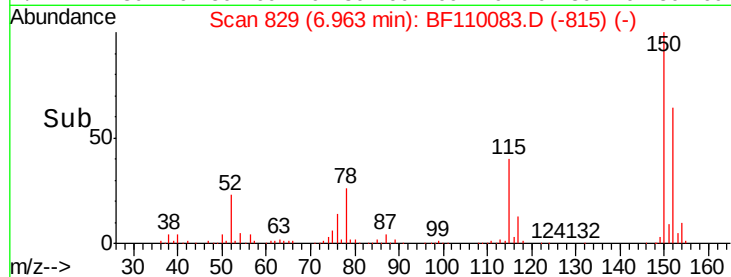
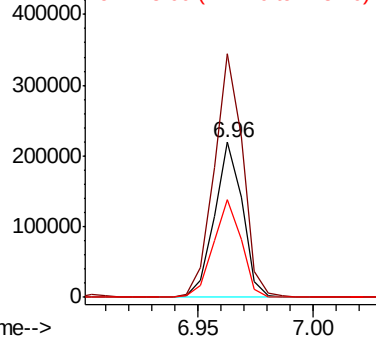
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 186116
Ion Ratio Lower Upper
152 100
150 157.1 122.7 184.1
115 62.8 49.1 73.7



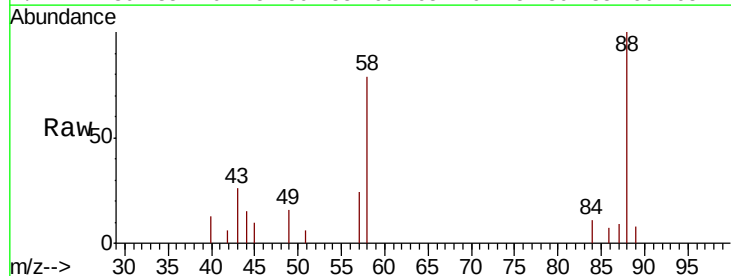
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



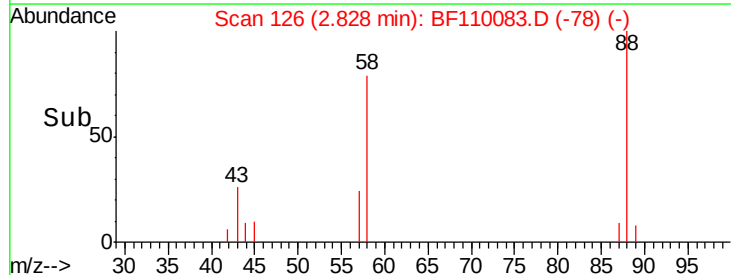
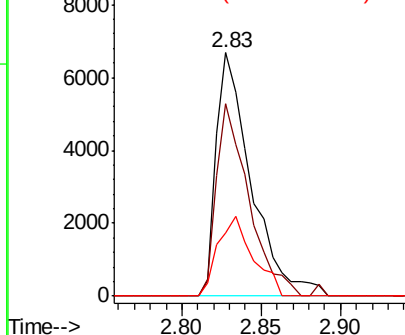
#2

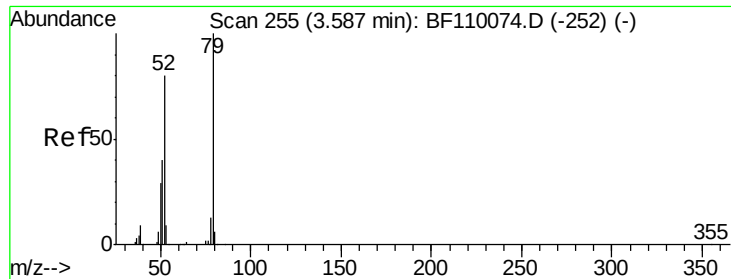
1,4-Dioxane
Concen: 1.716 ng
RT: 2.83 min Scan# 126
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion: 88 Resp: 10275
Ion Ratio Lower Upper
88 100
58 72.9 57.1 85.7
43 32.7 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: 1.611 ng

RT: 3.72 min Scan# 277

Delta R.T. 0.10 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampled :

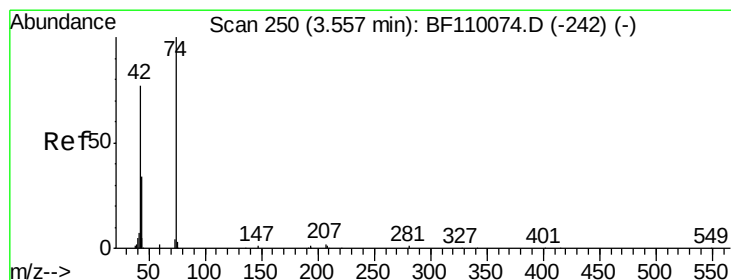
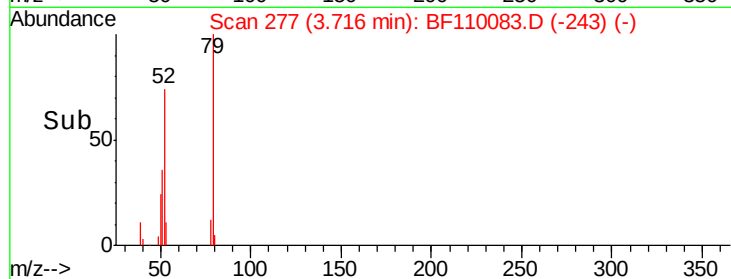
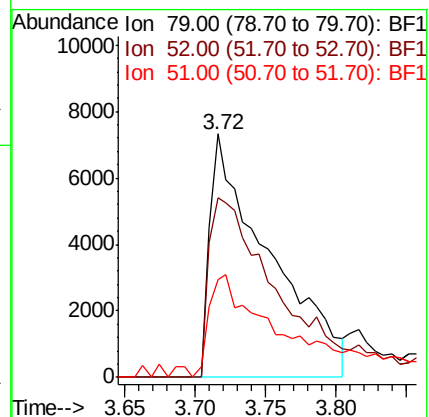
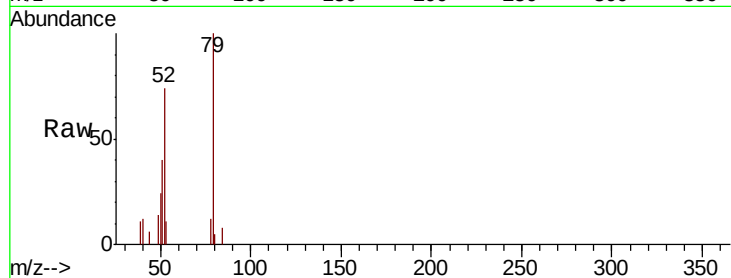
Tot Ion: 79 Resp: 21490

Ion Ratio Lower Upper

79 100

52 73.7 53.1 79.7

51 40.1 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 1.904 ng

RT: 3.56 min Scan# 250

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

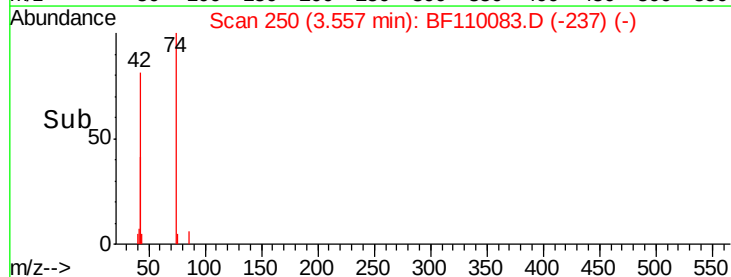
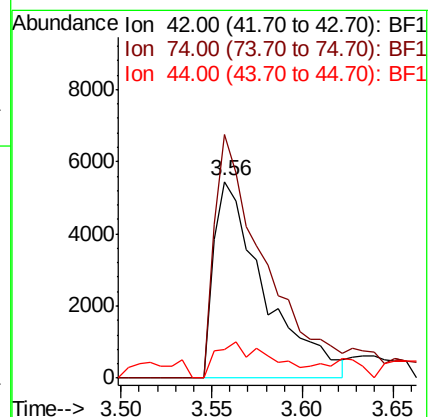
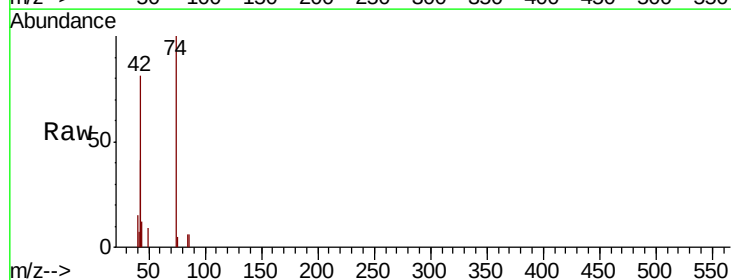
Tgt Ion: 42 Resp: 10641

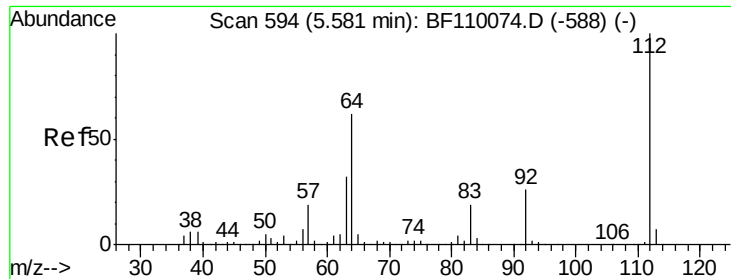
Ion Ratio Lower Upper

42 100

74 124.0 105.5 158.3

44 14.5 4.9 7.3#





#5

2-Fluorophenol

Concen: 126.597 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampled :

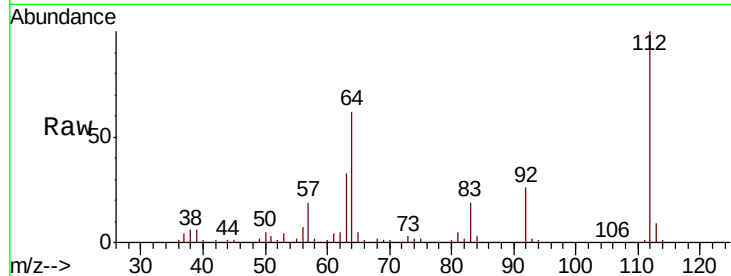
Tot Ion:112 Resp: 1446883

Ion Ratio Lower Upper

112 100

64 62.0 44.1 66.1

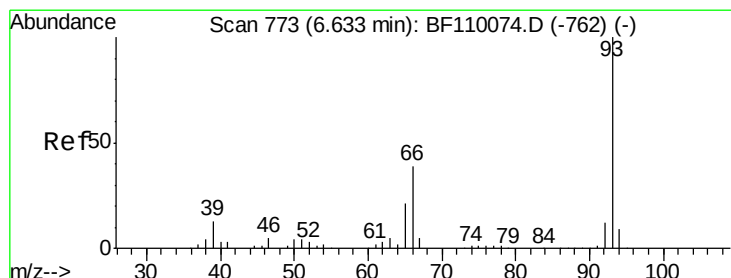
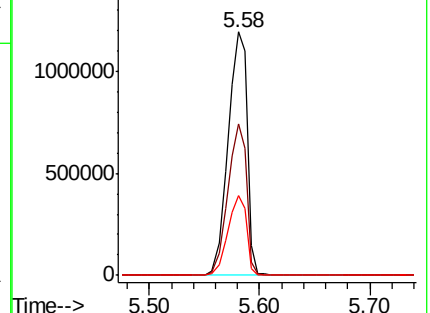
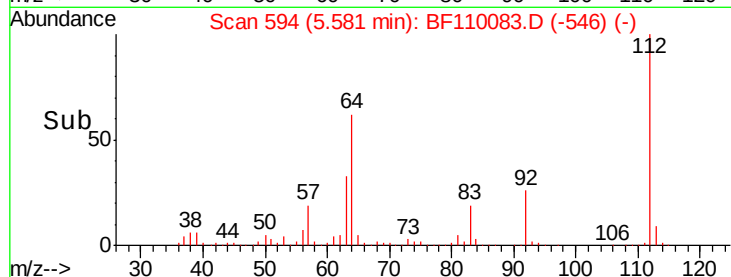
63 32.5 23.7 35.5



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: 1.661 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

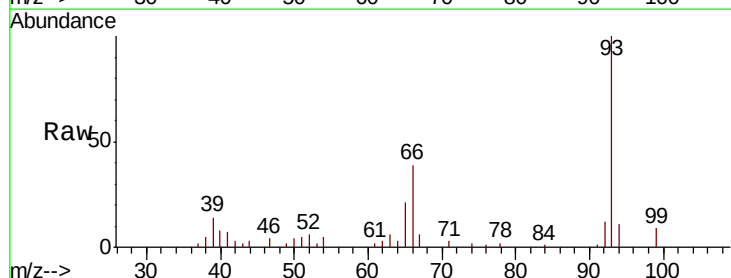
Tgt Ion: 93 Resp: 31629

Ion Ratio Lower Upper

93 100

66 39.3 67.4 101.0#

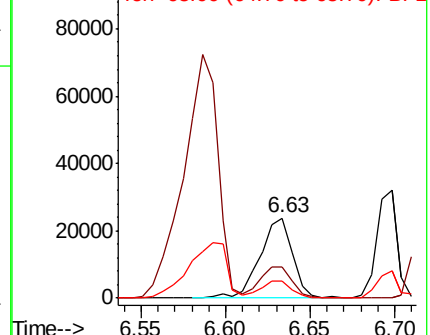
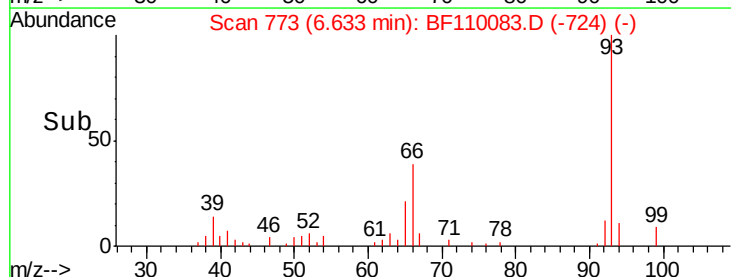
65 20.8 41.0 61.4#

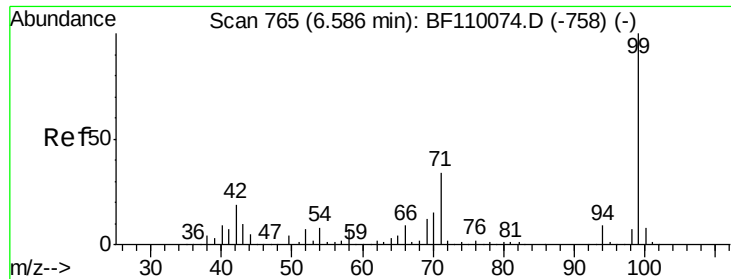


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.377 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

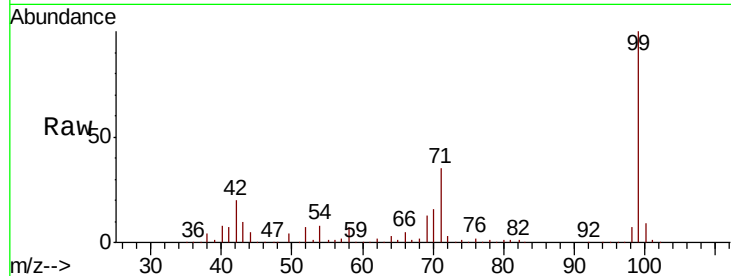
Tot Ion: 99 Resp: 1847458

Ion Ratio Lower Upper

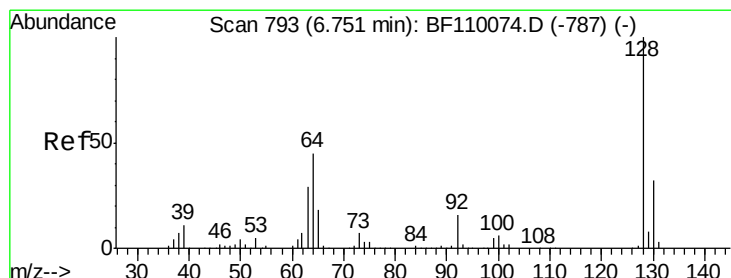
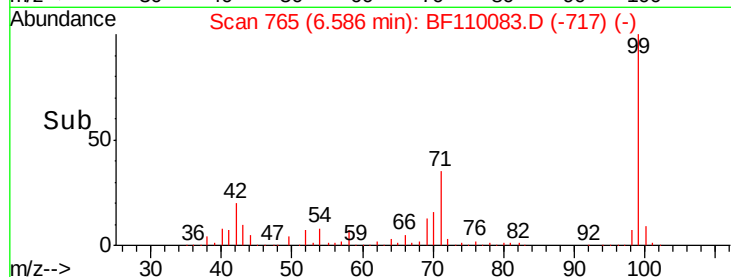
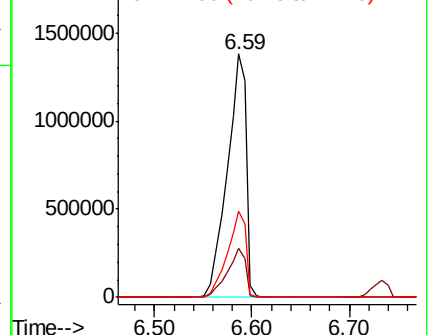
99 100

42 20.0 15.8 23.6

71 35.3 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: 2.154 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

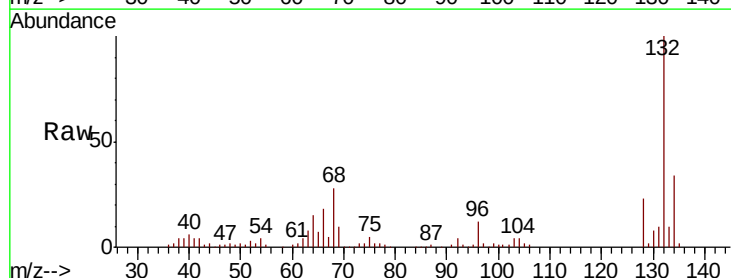
Tgt Ion:128 Resp: 28385

Ion Ratio Lower Upper

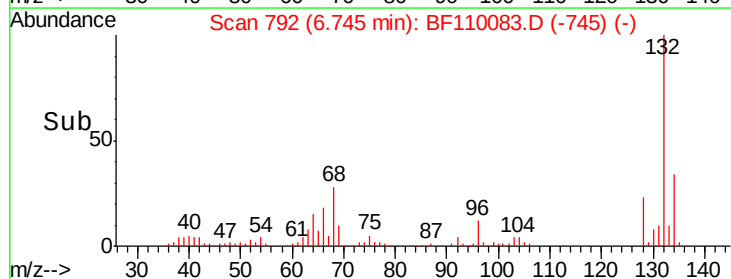
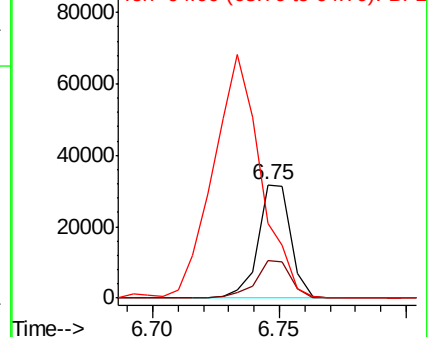
128 100

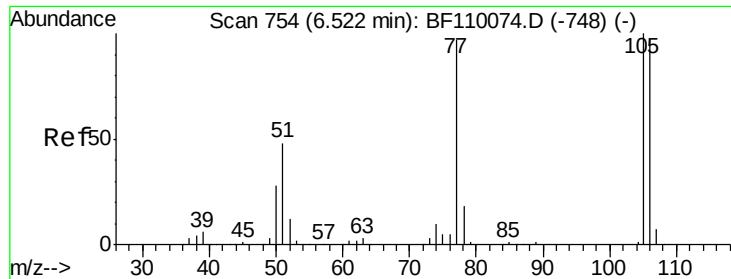
130 33.3 13.1 53.1

64 65.7 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: 1.006 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampled :

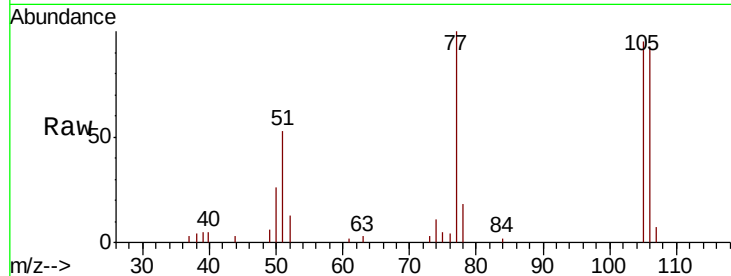
Tot Ion: 77 Resp: 18667

Ion Ratio Lower Upper

77 100

105 94.8 78.6 118.6

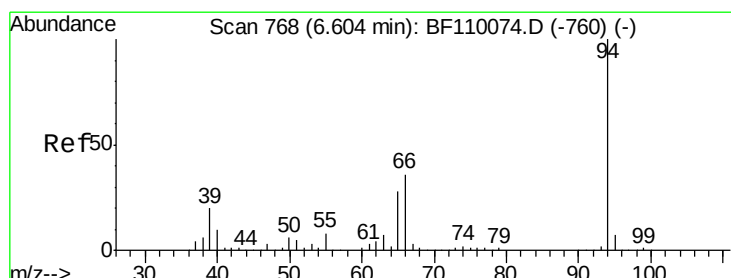
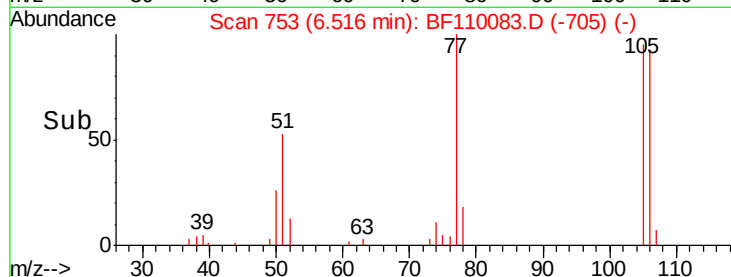
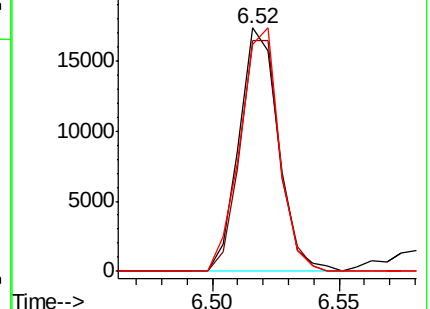
106 93.4 74.8 114.8



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: 2.182 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

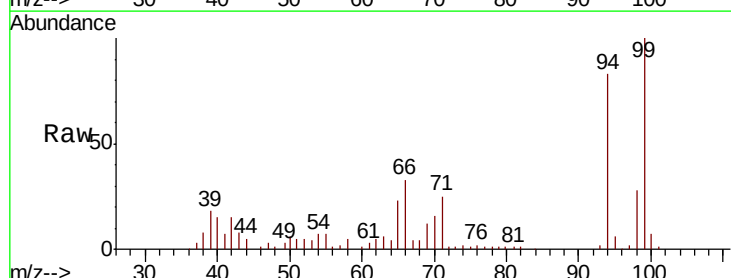
Tgt Ion: 94 Resp: 34095

Ion Ratio Lower Upper

94 100

65 27.2 25.3 65.3

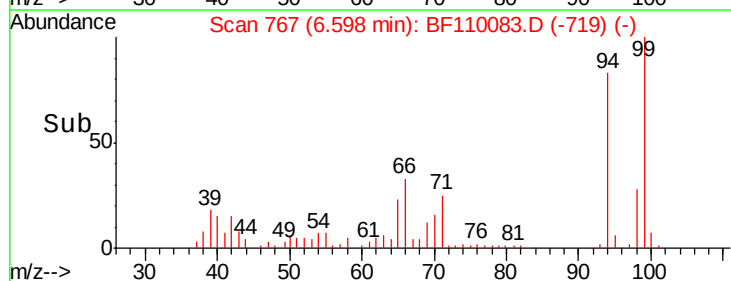
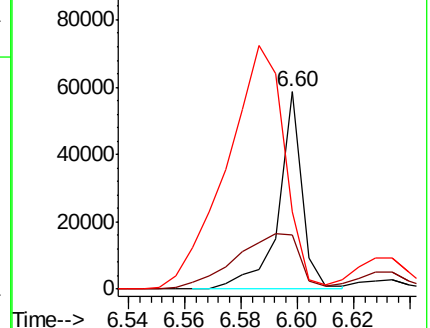
66 39.4 54.5 94.5#

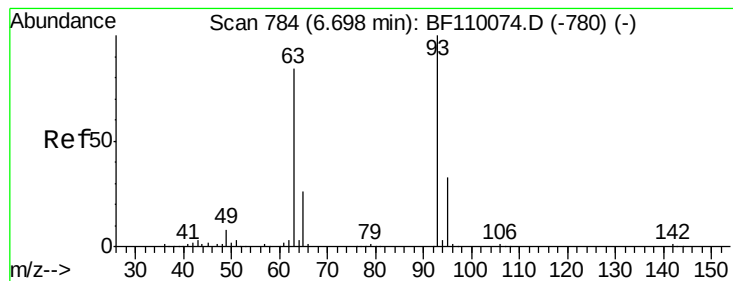


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

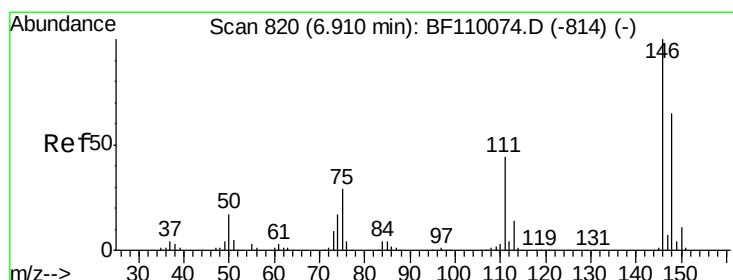
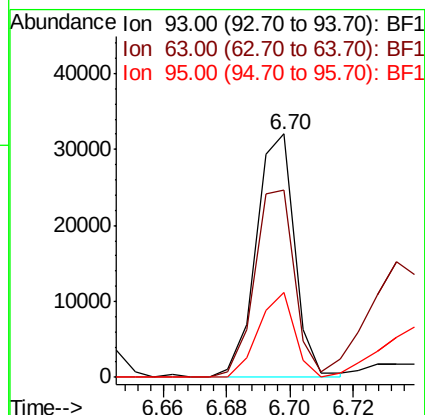
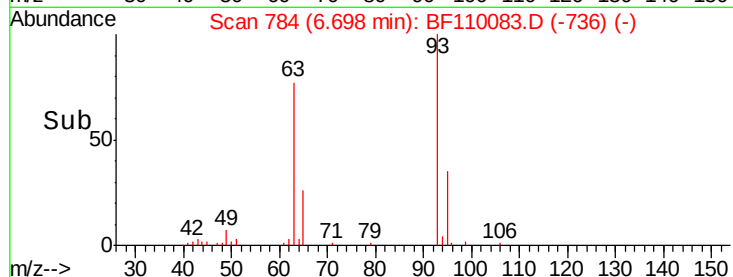
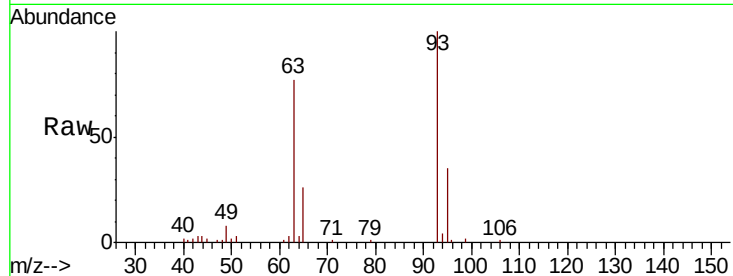




#11
bis(2-Chloroethyl)ether
Concen: 2.115 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

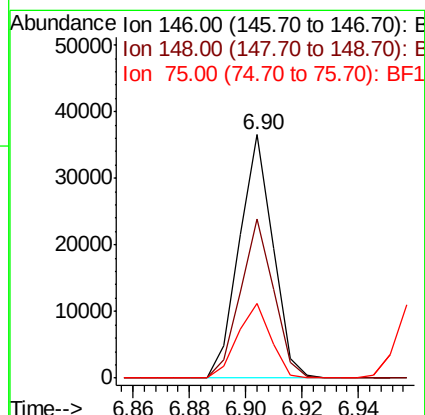
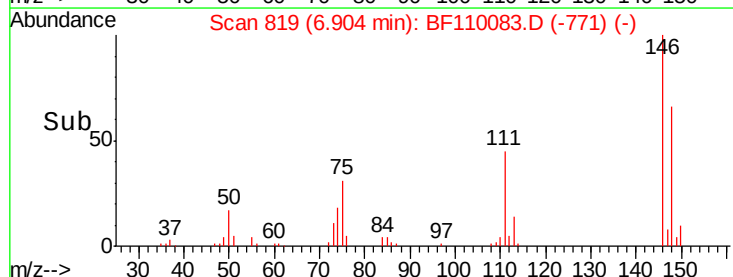
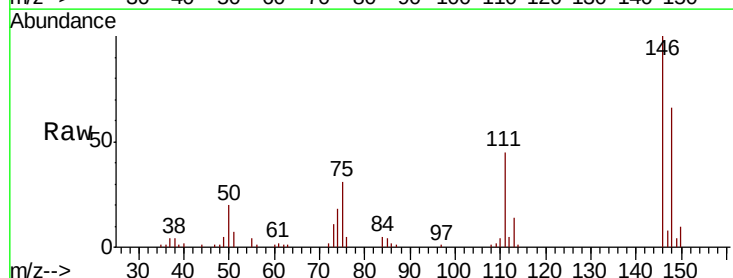
Instrument :
BNA_F
ClientSampleId :

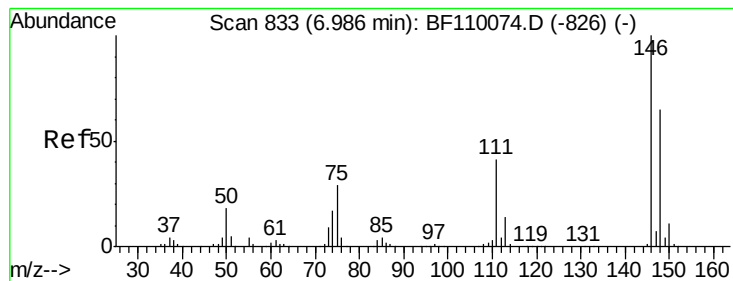
Tot Ion: 93 Resp: 27196
Ion Ratio Lower Upper
93 100
63 76.8 53.4 93.4
95 35.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 2.090 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion: 146 Resp: 30307
Ion Ratio Lower Upper
146 100
148 65.6 50.4 75.6
75 30.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 2.088 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

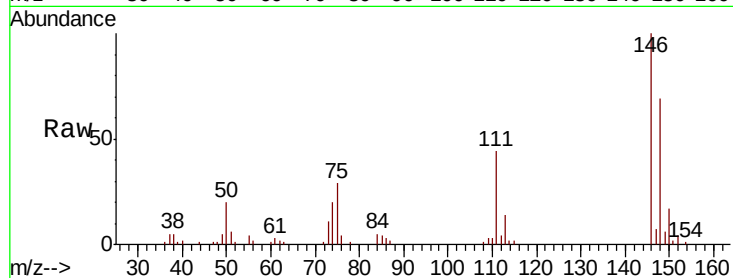
Tot Ion:146 Resp: 30615

Ion Ratio Lower Upper

146 100

148 68.6 50.3 75.5

111 44.1 32.7 49.1

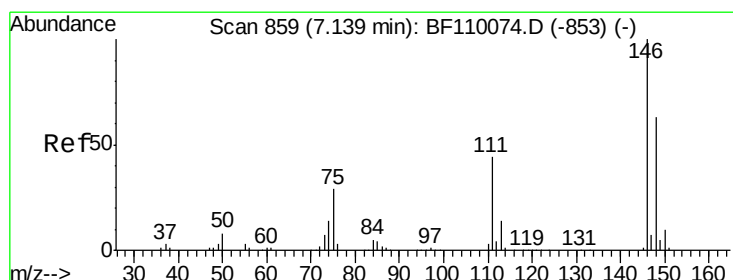
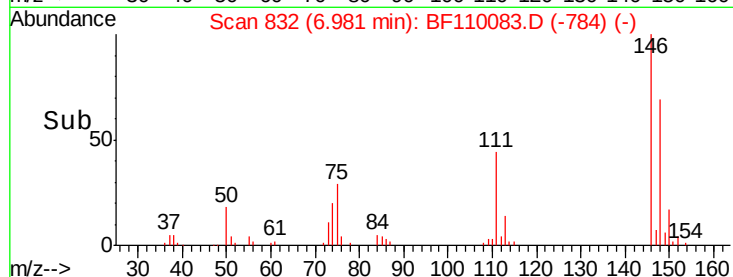
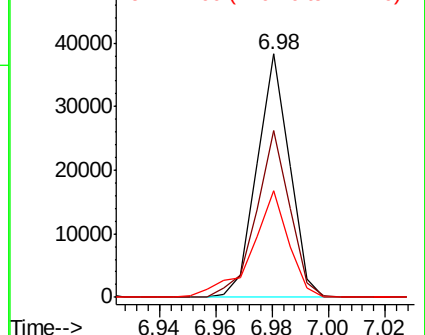


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 2.161 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

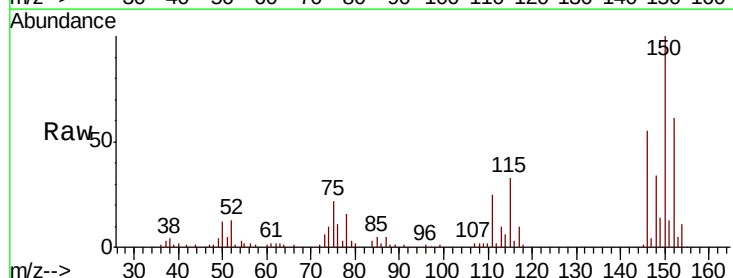
Tgt Ion:146 Resp: 29421

Ion Ratio Lower Upper

146 100

148 61.2 51.1 76.7

111 46.1 35.8 53.6

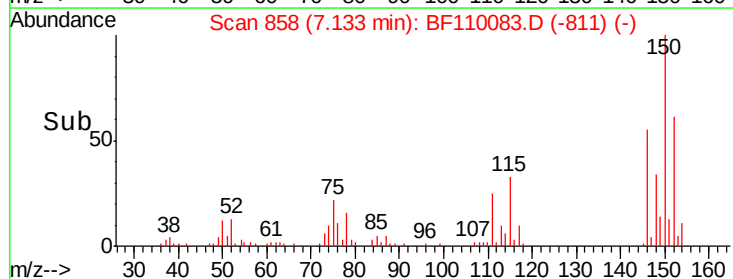
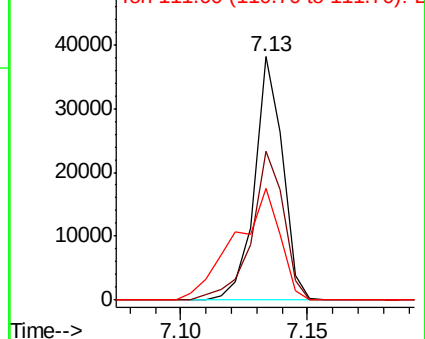


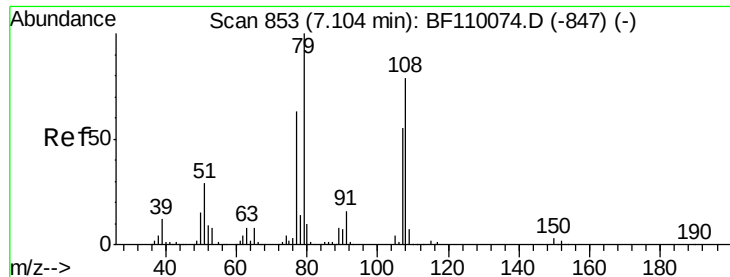
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

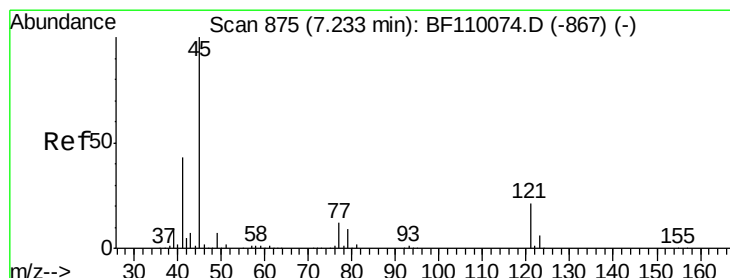
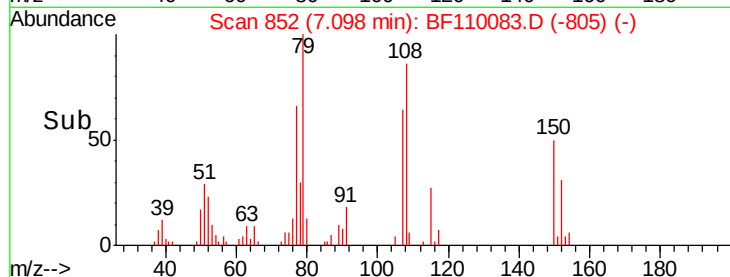
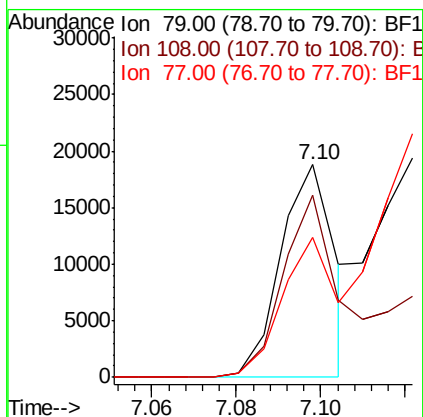
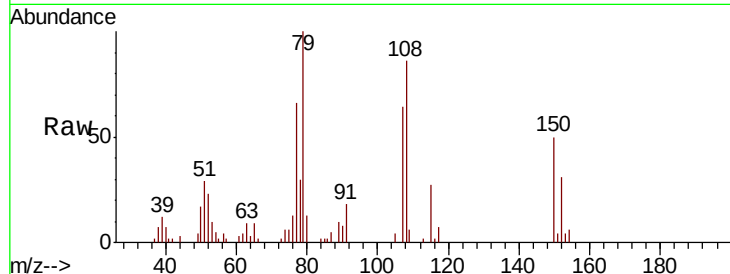




#15
Benzyl Alcohol
Concen: 1.487 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

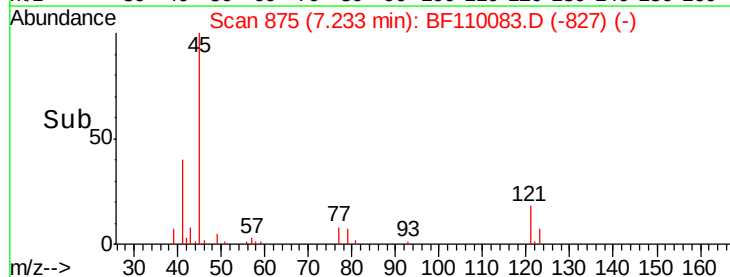
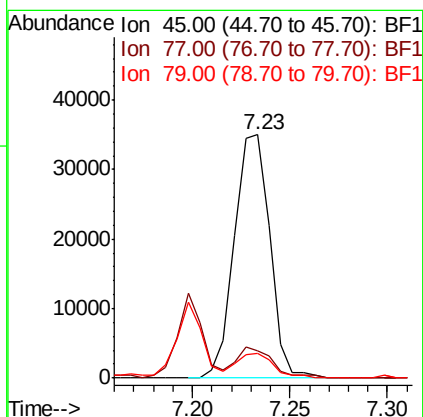
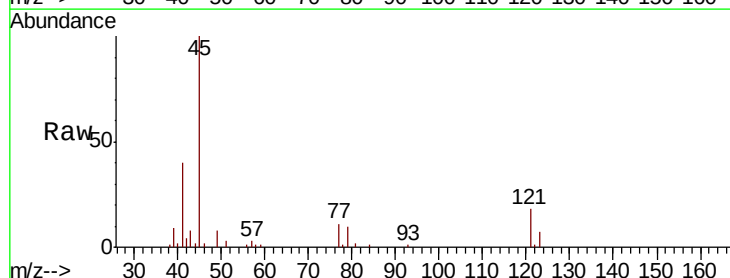
Instrument :
BNA_F
ClientSampled :

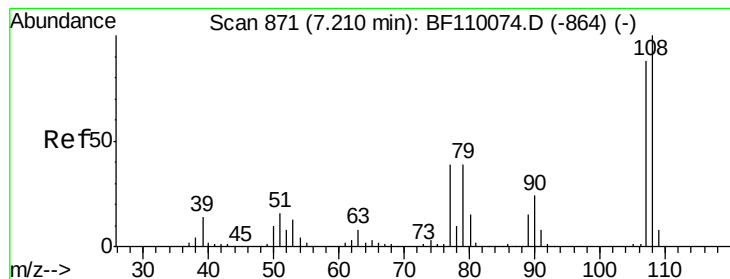
Tot Ion: 79 Resp: 16719
Ion Ratio Lower Upper
79 100
108 85.9 56.3 84.5#
77 66.0 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 2.154 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion: 45 Resp: 44275
Ion Ratio Lower Upper
45 100
77 11.4 10.0 50.0
79 10.0 6.1 46.1

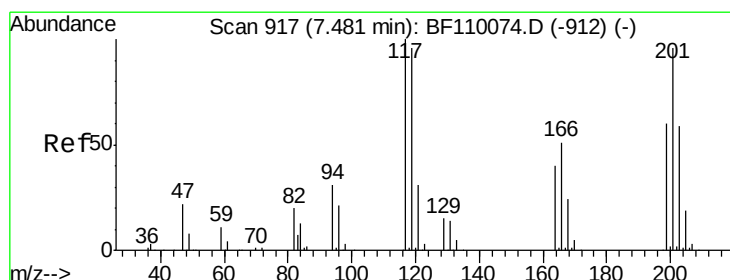
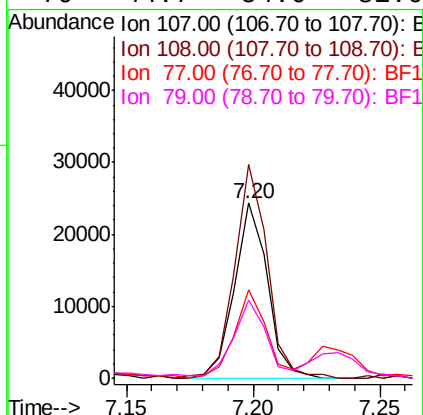
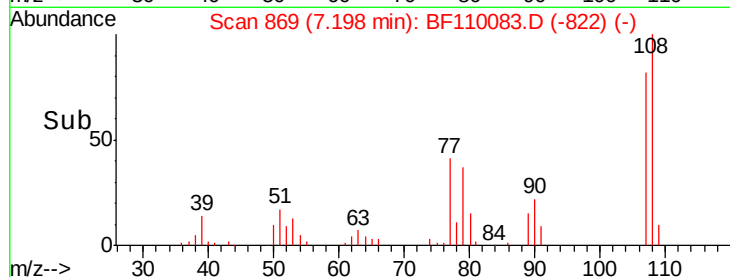
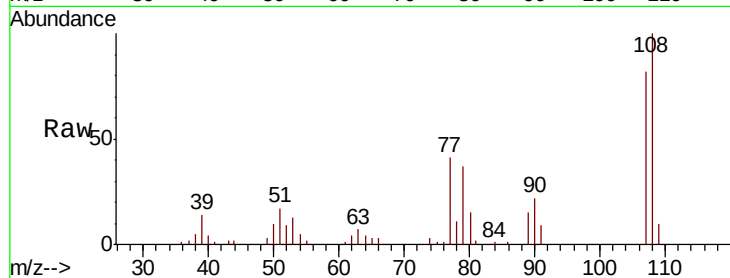




#17
2-Methylphenol
Concen: 2.096 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

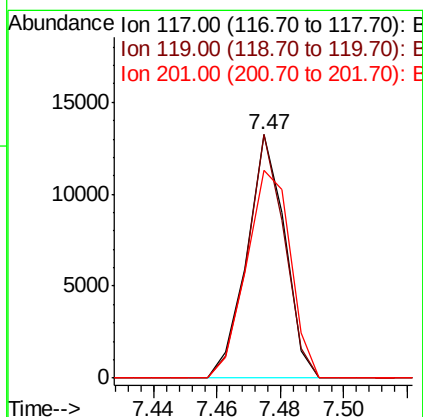
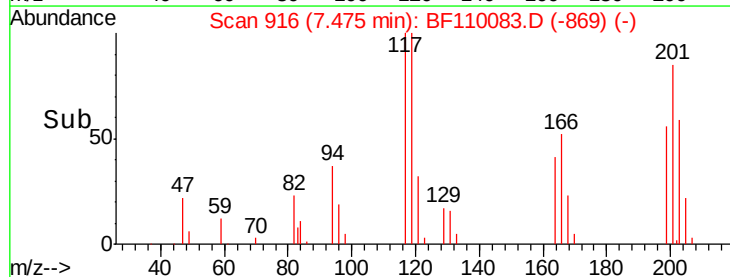
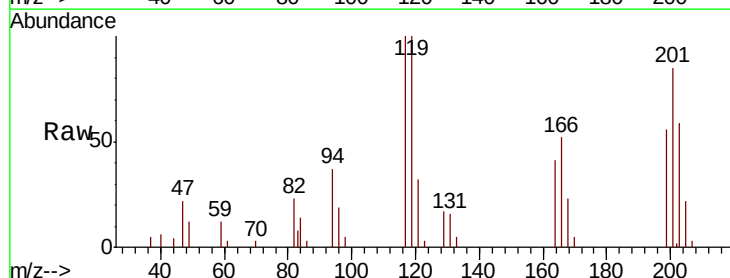
Instrument :
BNA_F
ClientSampled :

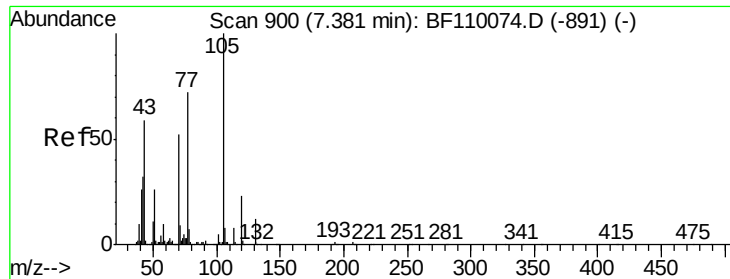
Tot Ion:107 Resp: 22012
Ion Ratio Lower Upper
107 100
108 122.2 92.6 138.8
77 50.3 59.4 89.2#
79 44.7 54.0 81.0#



#18
Hexachloroethane
Concen: 2.046 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion:117 Resp: 10985
Ion Ratio Lower Upper
117 100
119 100.0 75.0 112.6
201 85.3 79.2 118.8

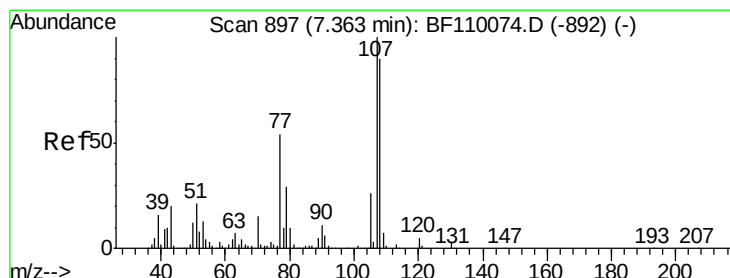
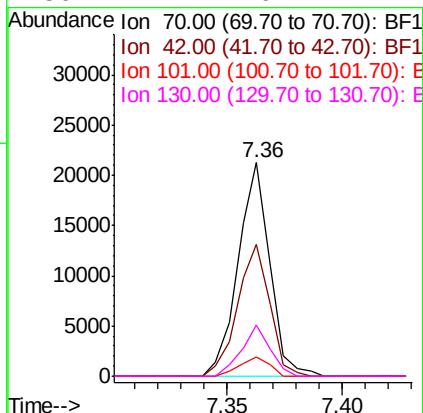
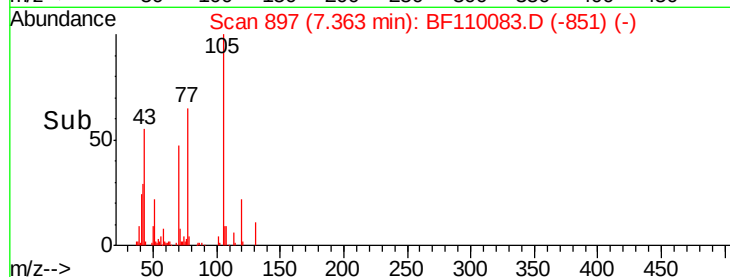
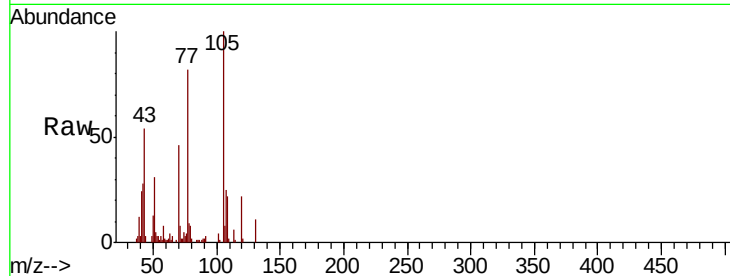




#19
n-Nitroso-di-n-propylamine
Concen: 2.167 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

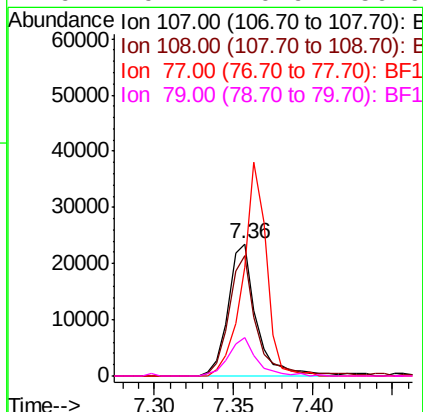
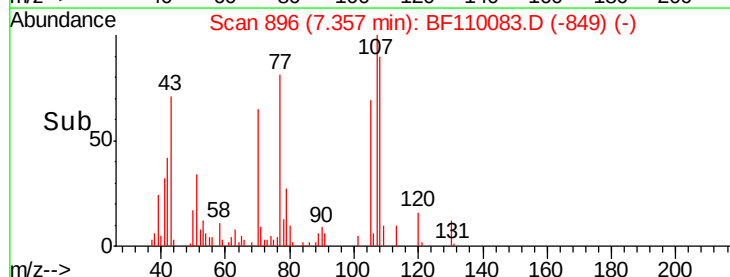
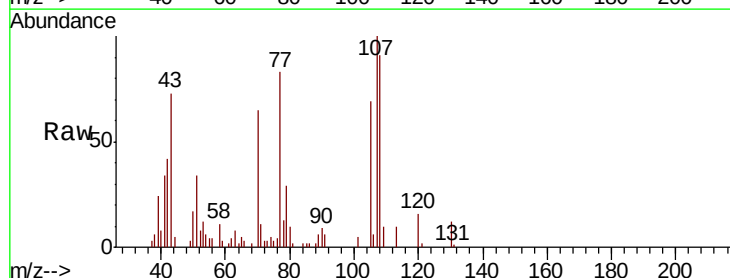
Instrument :
BNA_F
ClientSampleId :

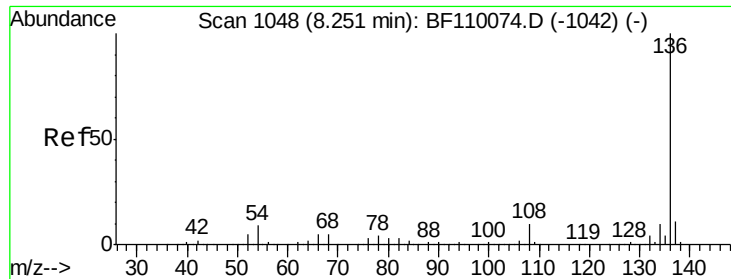
Tot Ion: 70 Resp: 20324
Ion Ratio Lower Upper
70 100
42 61.6 47.4 71.2
101 9.2 7.3 10.9
130 24.1 16.2 24.2



#20
3+4-Methylphenols
Concen: 2.139 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion: 107 Resp: 29033
Ion Ratio Lower Upper
107 100
108 91.4 71.4 111.4
77 82.7 47.3 87.3
79 29.2 10.9 50.9

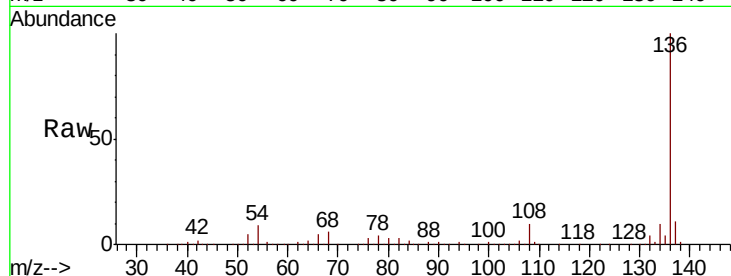




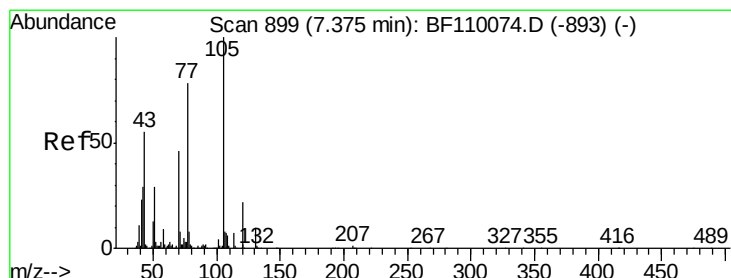
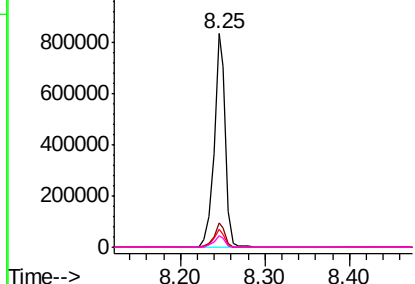
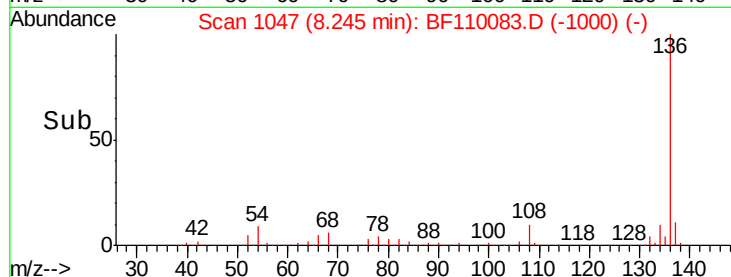
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	788522
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	8.5	5.4 8.2#
68	5.7	4.2 6.2

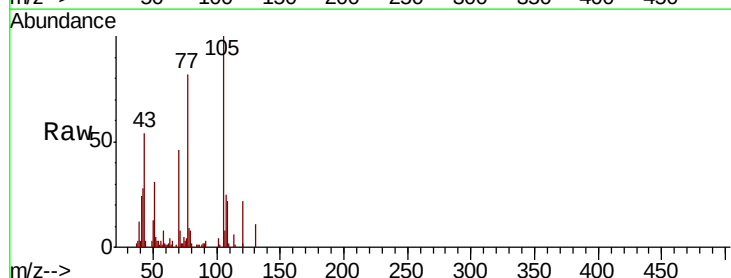


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

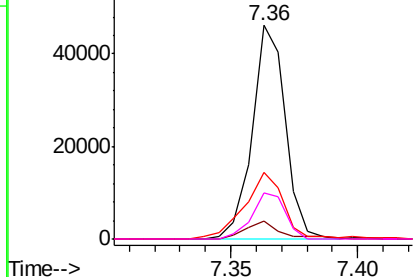
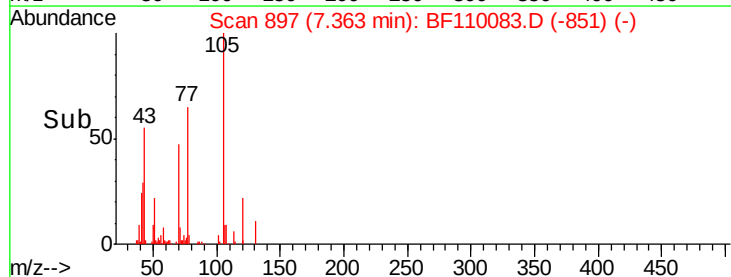


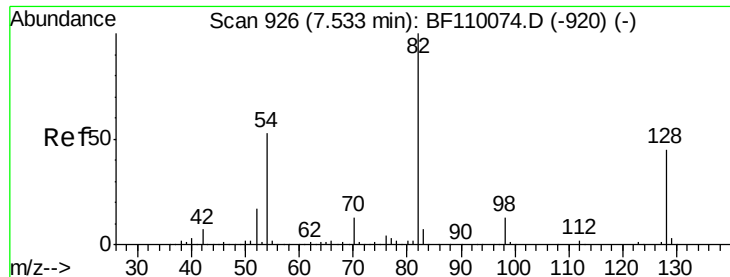
#22
Acetophenone
Concen: 2.314 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion:105	Resp:	42047
Ion Ratio	Lower	Upper
105	100	
71	8.2	5.2 7.8#
51	31.1	21.8 32.8
120	21.9	17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

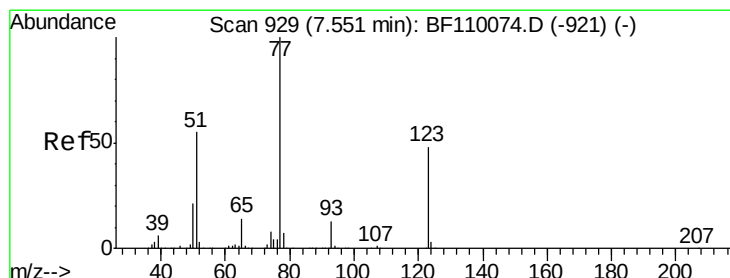
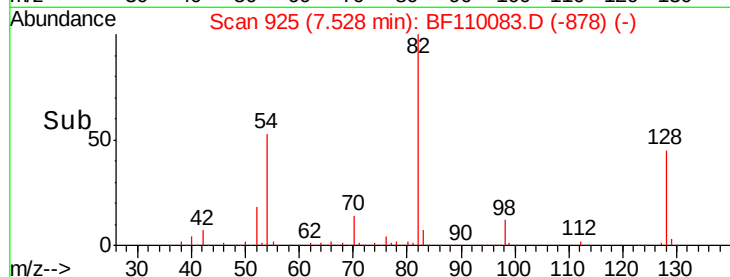
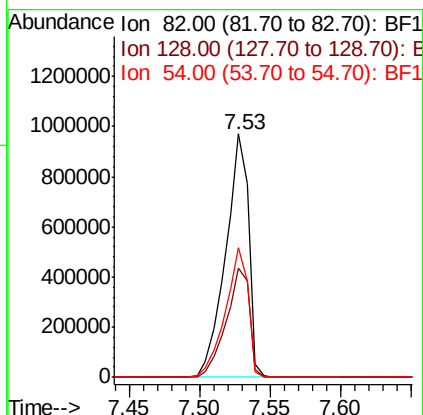
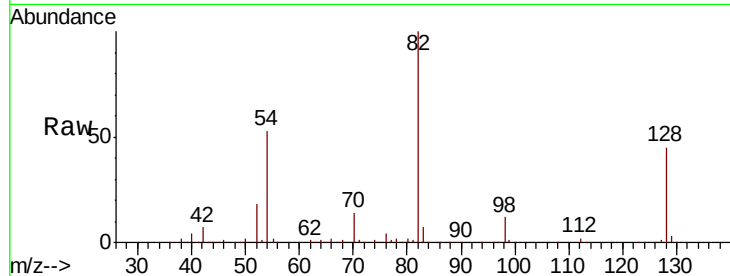




#23
 Nitrobenzene-d5
 Concen: 82.402 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

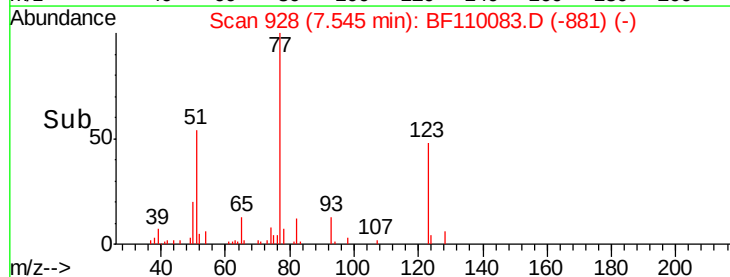
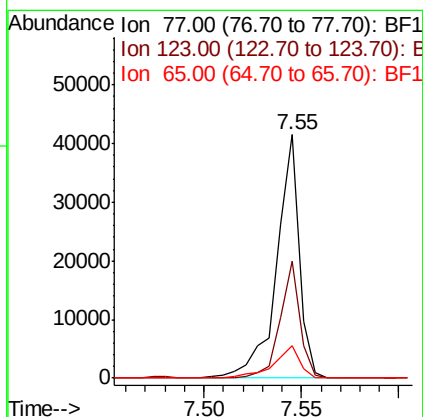
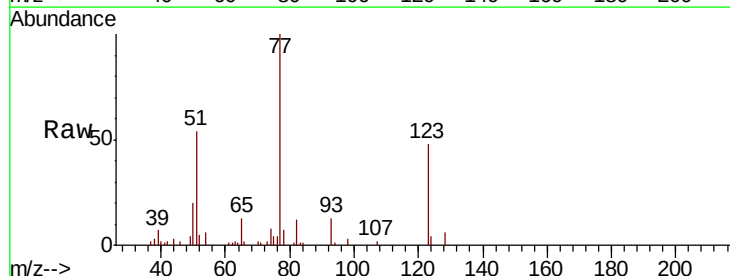
Instrument :
 BNA_F
 ClientSampleId :

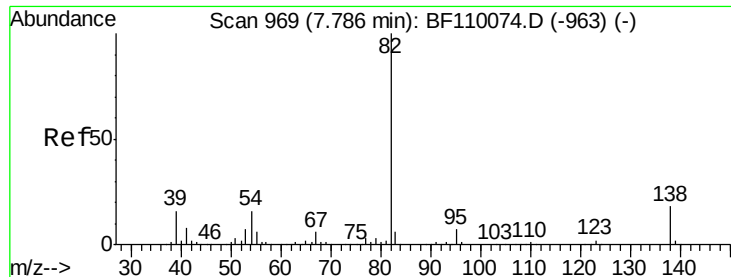
Tot Ion: 82 Resp: 1095475
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.2 51.2
 54 53.2 38.6 58.0



#24
 Nitrobenzene
 Concen: 2.440 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

Tgt Ion: 77 Resp: 33489
 Ion Ratio Lower Upper
 77 100
 123 47.9 35.7 53.5
 65 13.2 10.7 16.1





#25

Isophorone

Concen: 2.397 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

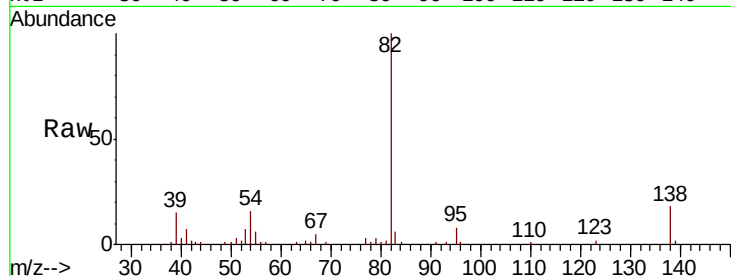
Tot Ion: 82 Resp: 54320

Ion Ratio Lower Upper

82 100

95 7.7 5.7 8.5

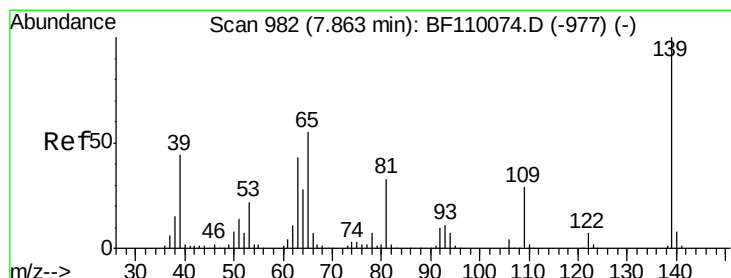
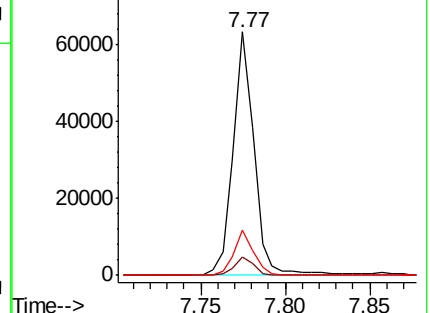
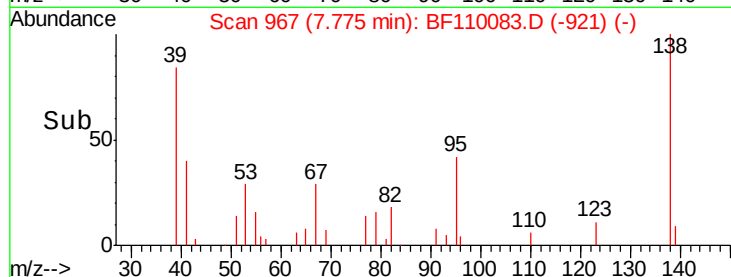
138 18.5 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 1.840 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

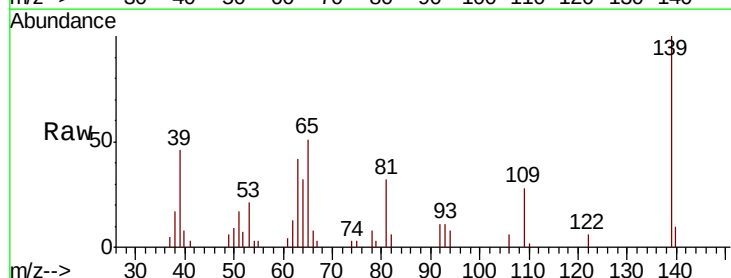
Tgt Ion: 139 Resp: 12015

Ion Ratio Lower Upper

139 100

109 28.2 25.0 37.6

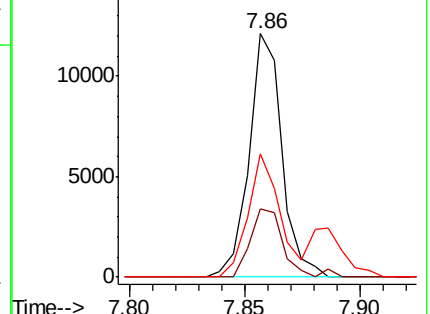
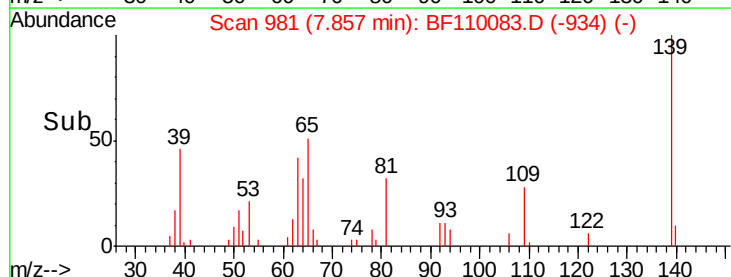
65 50.7 44.0 66.0

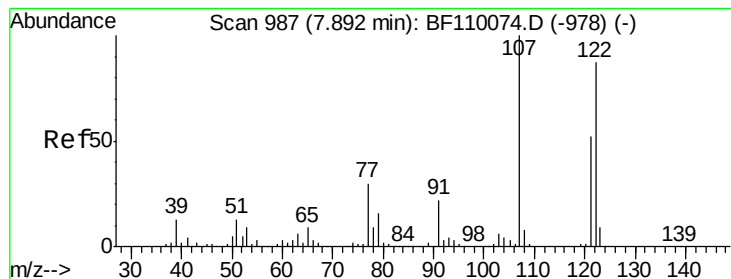


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 2.130 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

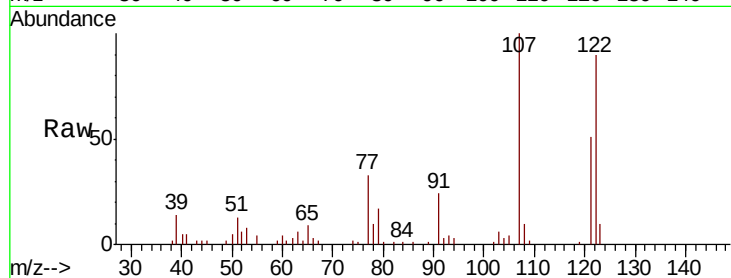
Tot Ion:122 Resp: 23069

Ion Ratio Lower Upper

122 100

107 110.9 92.5 138.7

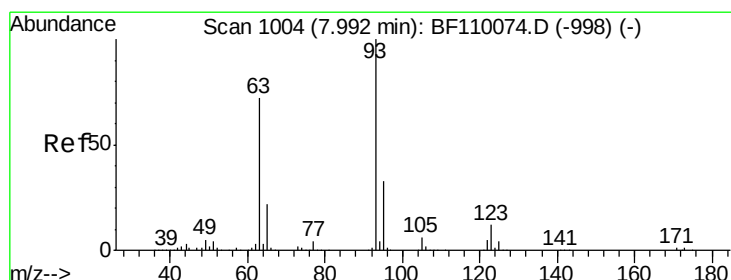
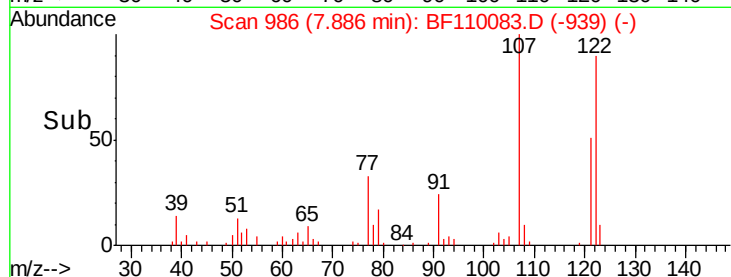
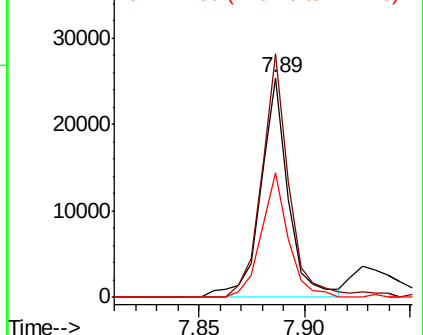
121 56.9 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.254 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

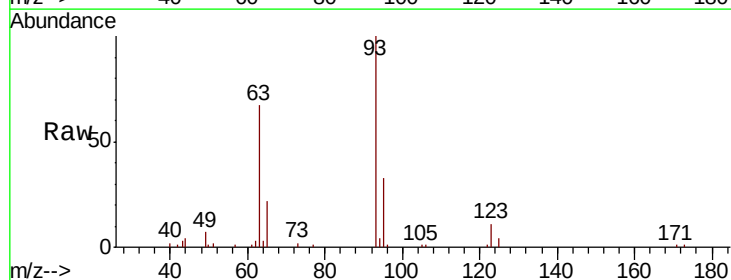
Tgt Ion: 93 Resp: 34693

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

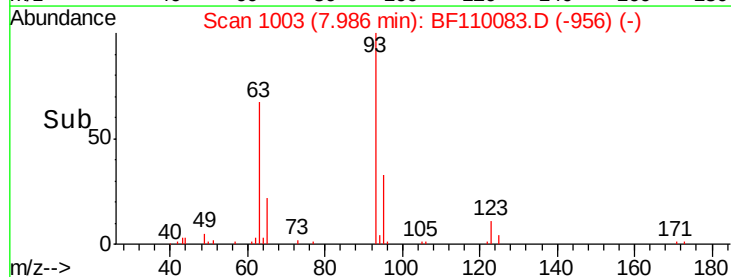
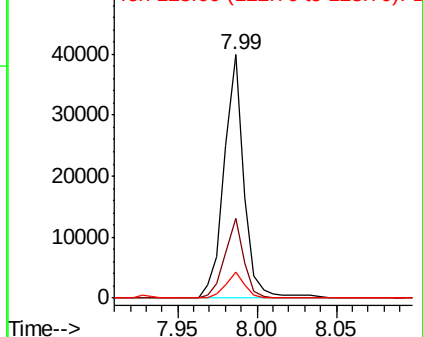
123 10.8 9.0 13.6

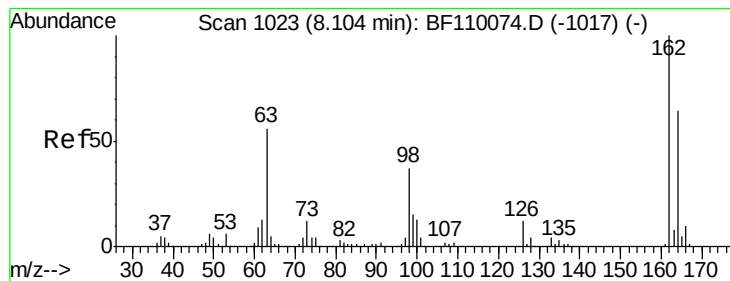


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 1.973 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

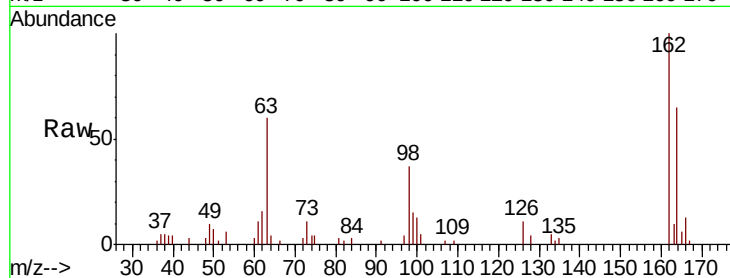
Tot Ion:162 Resp: 21580

Ion Ratio Lower Upper

162 100

164 65.4 44.6 84.6

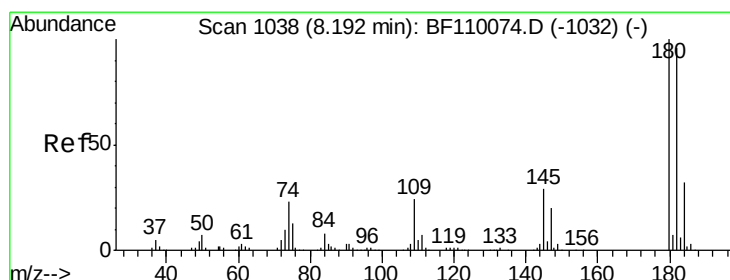
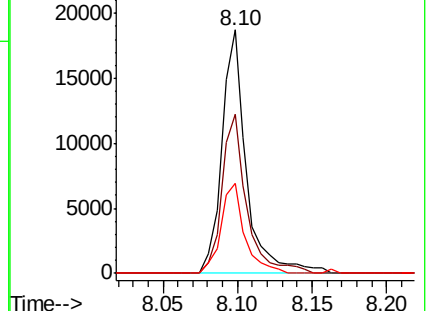
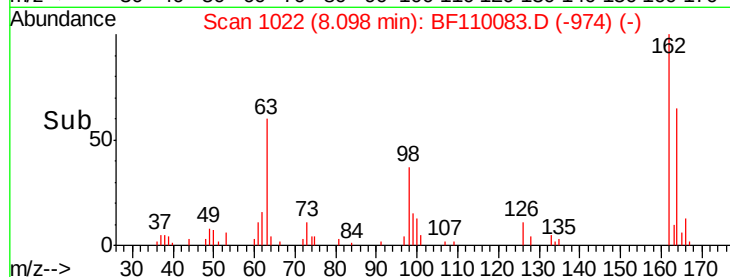
98 37.0 17.4 57.4



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: 2.071 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

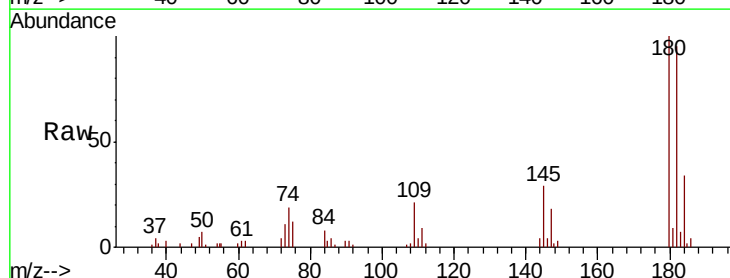
Tgt Ion:180 Resp: 25376

Ion Ratio Lower Upper

180 100

182 95.4 80.3 120.5

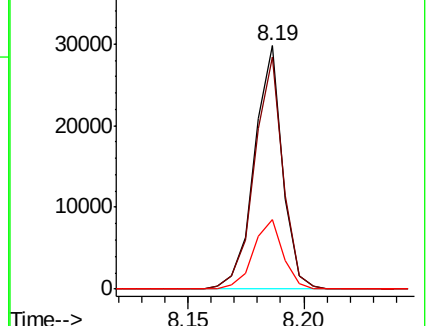
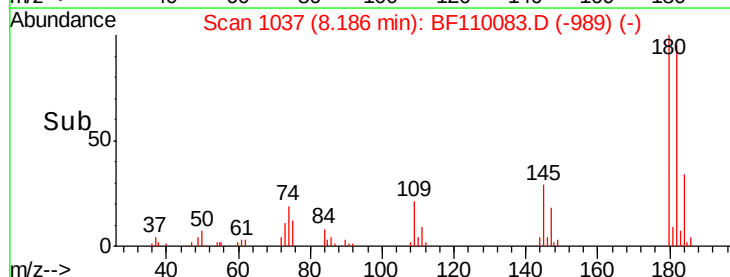
145 28.8 25.4 38.0

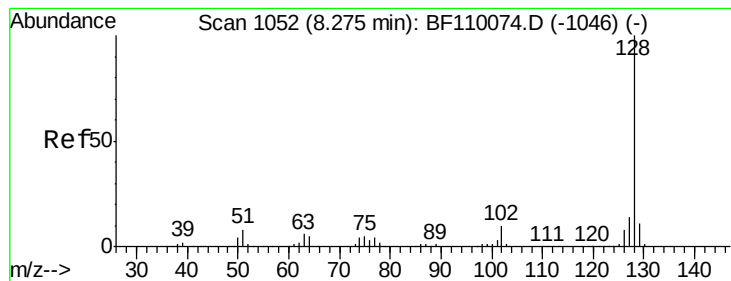


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 2.416 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleID :

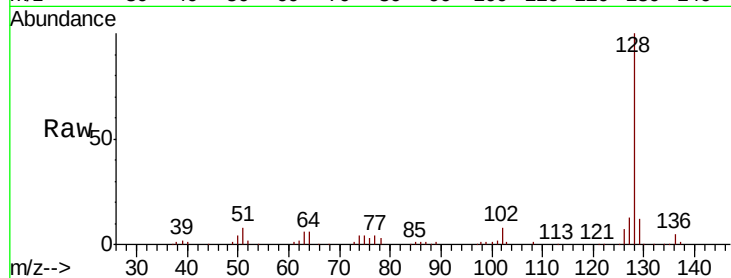
Tot Ion:128 Resp: 87820

Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

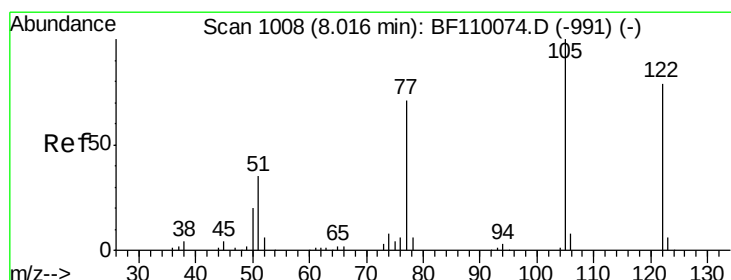
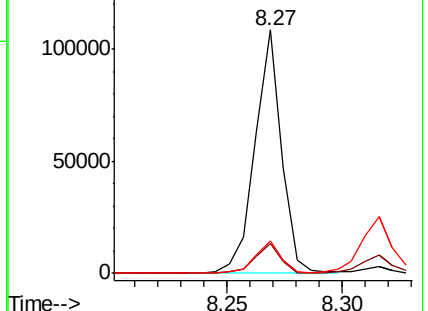
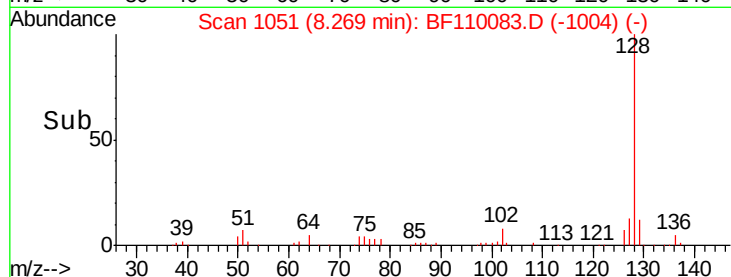
127 13.3 10.8 16.2



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: 0.673 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.08 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

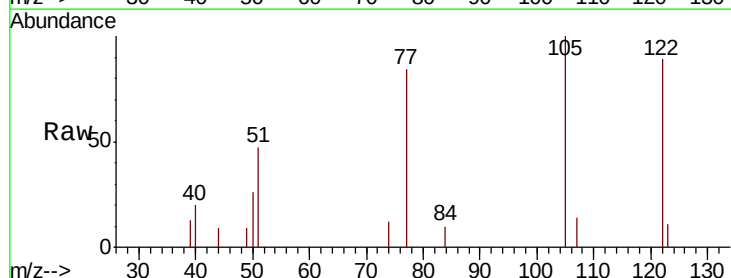
Tgt Ion:122 Resp: 5629

Ion Ratio Lower Upper

122 100

105 112.2 109.0 149.0

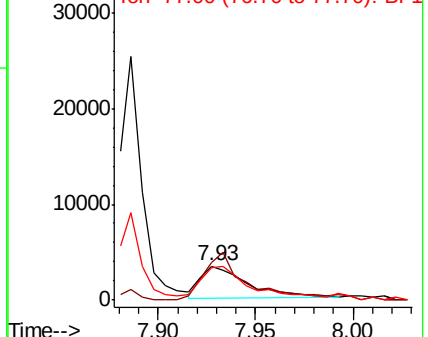
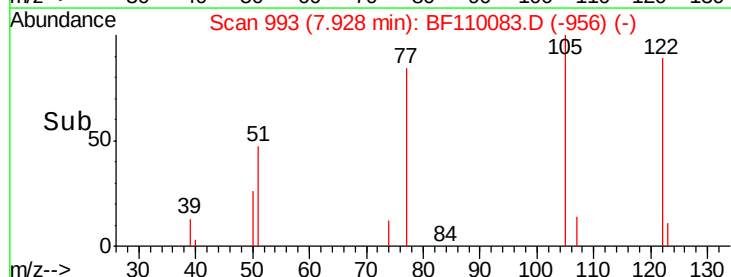
77 93.8 79.0 119.0

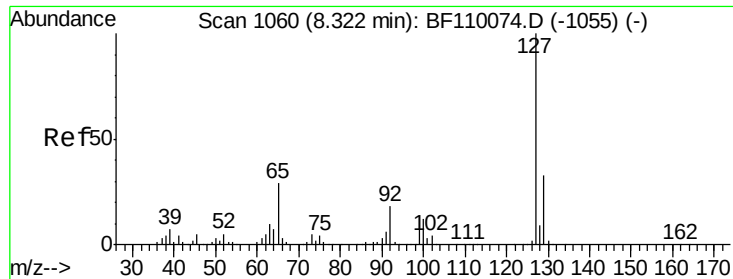


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

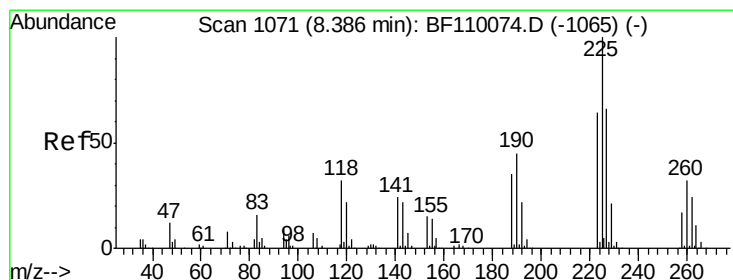
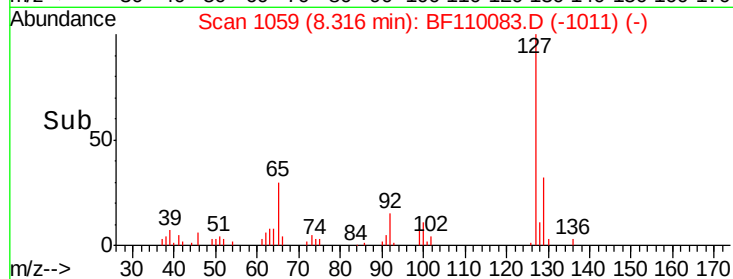
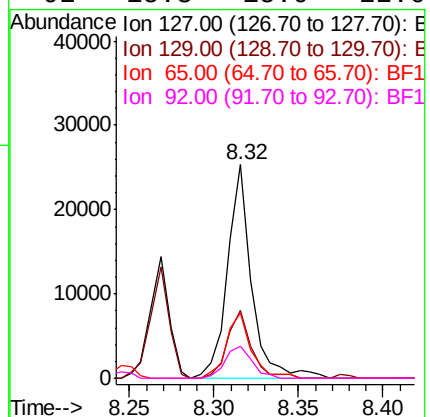
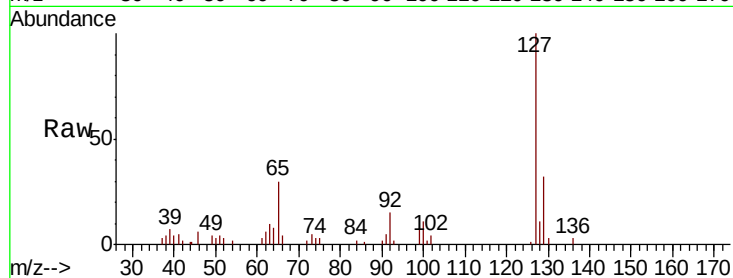




#33
4-Chloroaniline
Concen: 1.537 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

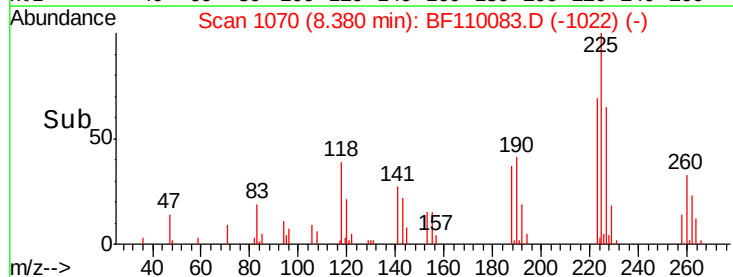
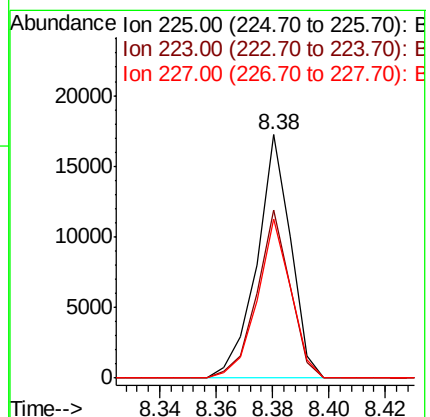
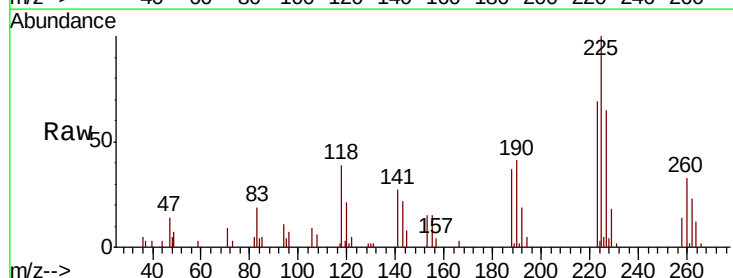
Instrument :
BNA_F
ClientSampleId :

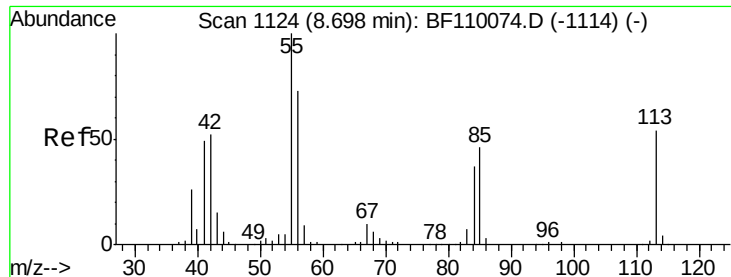
Tot Ion:	127	Resp:	25133
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.0	39.0
65	30.5	25.1	37.7
92	15.3	15.0	22.6



#34
Hexachlorobutadiene
Concen: 2.106 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion:	225	Resp:	14328
Ion	Ratio	Lower	Upper
225	100		
223	69.1	51.4	77.2
227	65.3	51.0	76.6

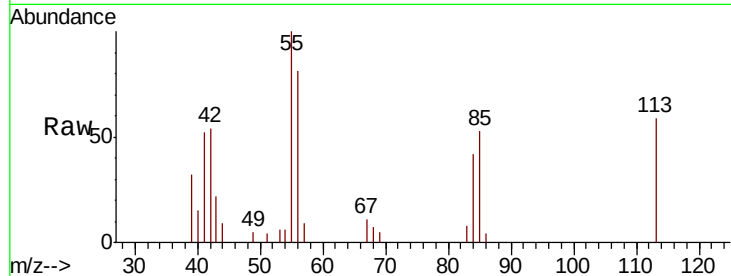




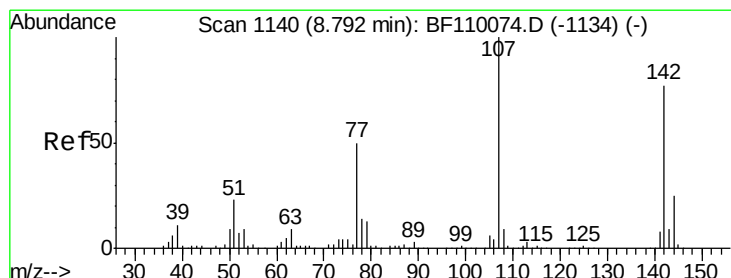
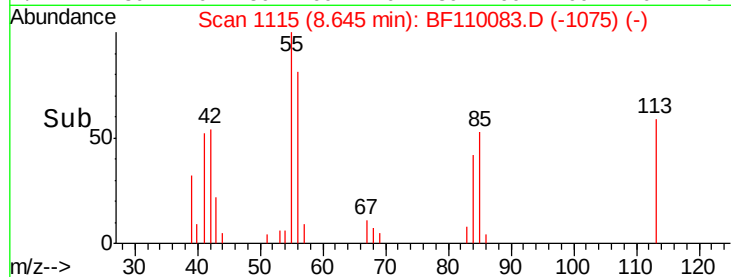
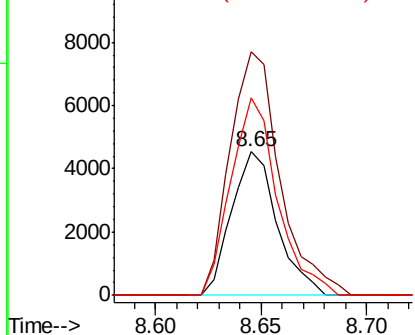
#35
 Caprolactam
 Concen: 1.783 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.06 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 6799
 Ion Ratio Lower Upper
 113 100
 55 169.7 142.8 182.8
 56 137.7 105.0 145.0

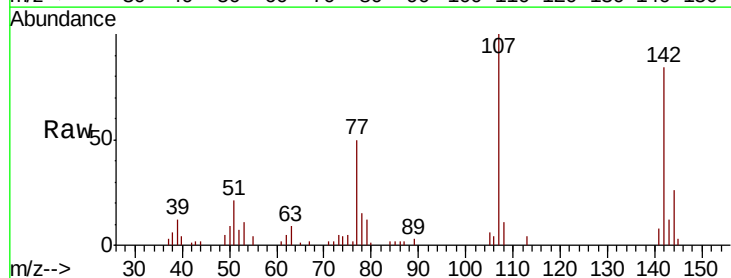


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

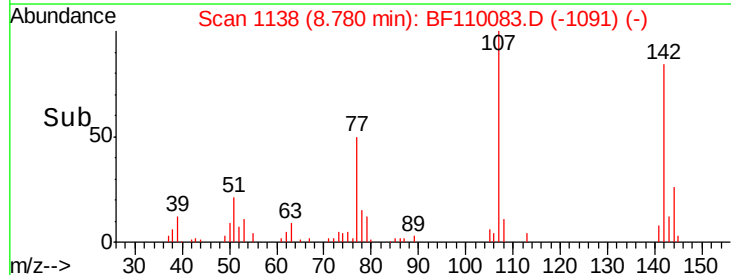
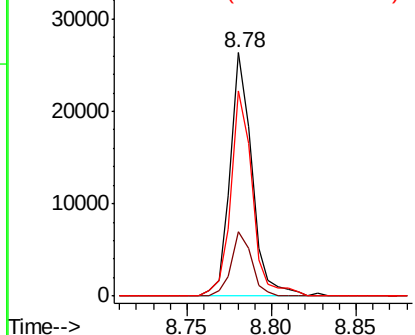


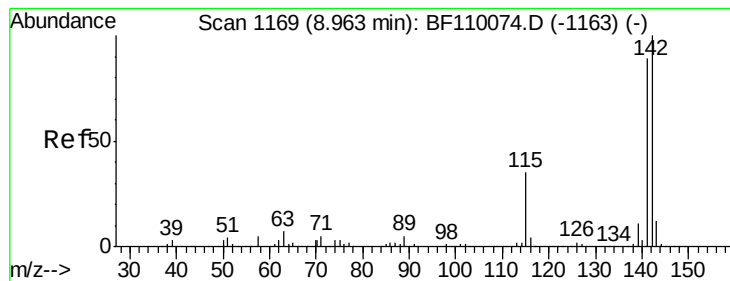
#36
 4-Chloro-3-methylphenol
 Concen: 2.010 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

Tgt Ion:107 Resp: 23773
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.0 30.0
 142 84.2 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 2.538 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

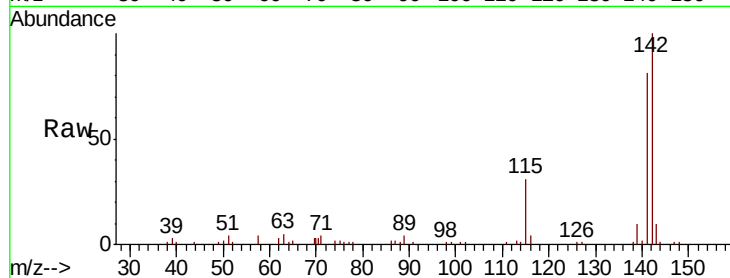
Tot Ion:142 Resp: 61037

Ion Ratio Lower Upper

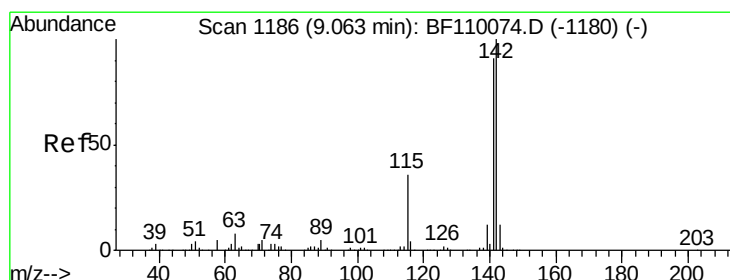
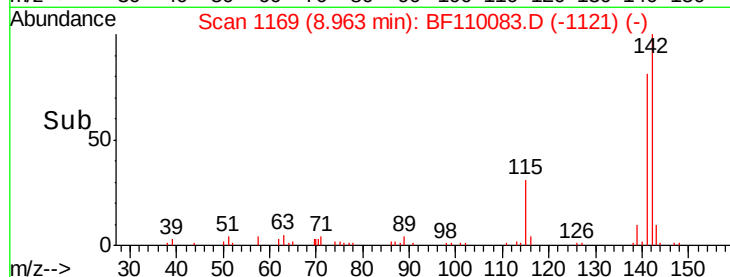
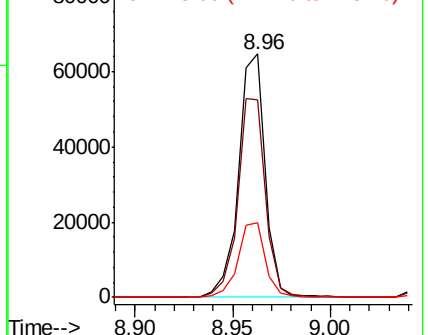
142 100

141 81.4 71.4 107.2

115 30.9 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: 2.418 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

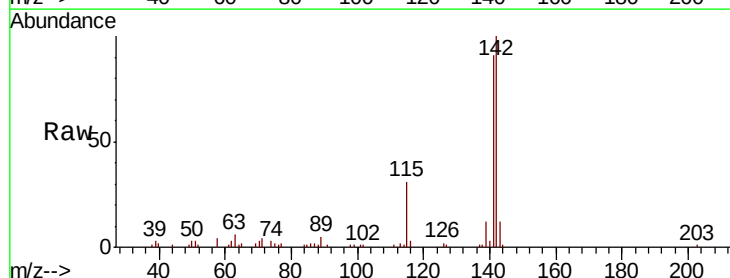
Tgt Ion:142 Resp: 56188

Ion Ratio Lower Upper

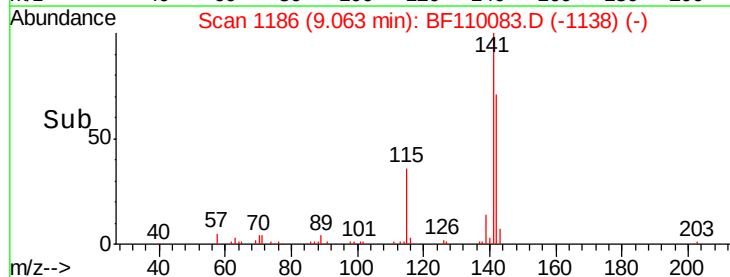
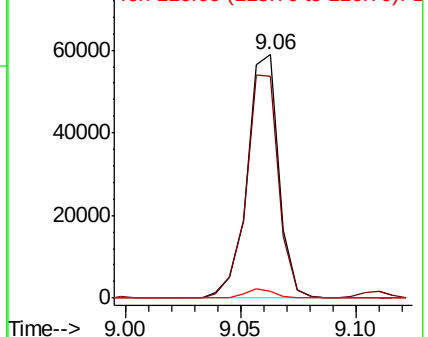
142 100

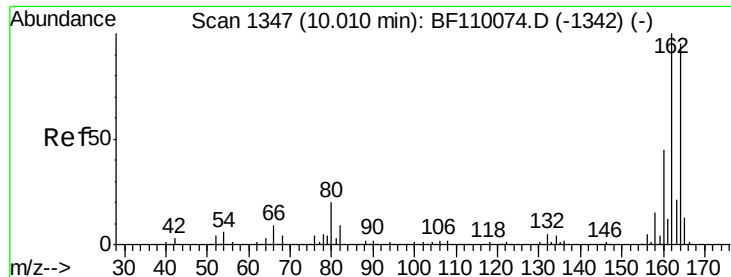
141 91.2 74.2 111.4

116 3.0 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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampled :

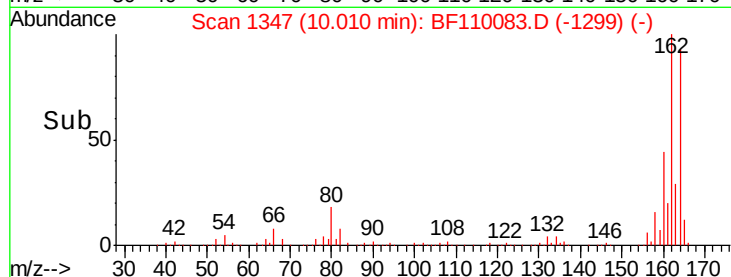
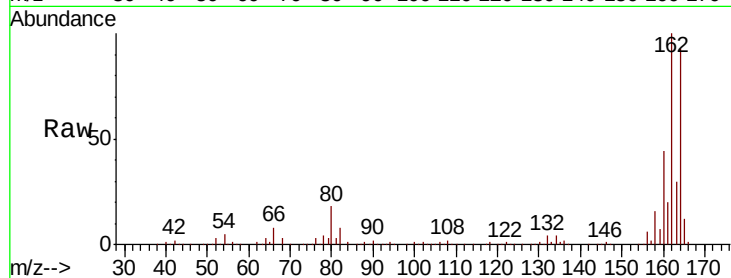
Tot Ion:164 Resp: 386451

Ion Ratio Lower Upper

164 100

162 107.0 83.0 124.6

160 47.5 37.0 55.6

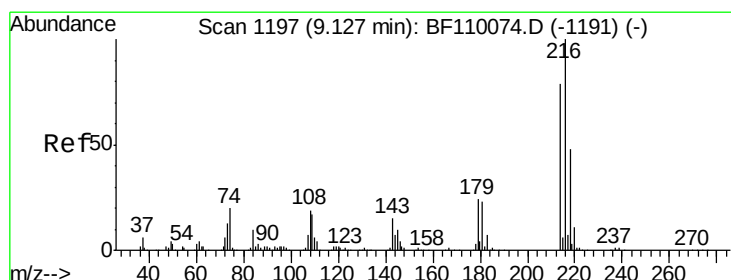
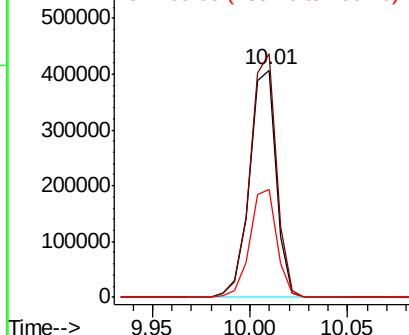


Abundance

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: 2.082 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Tgt Ion:216 Resp: 25070

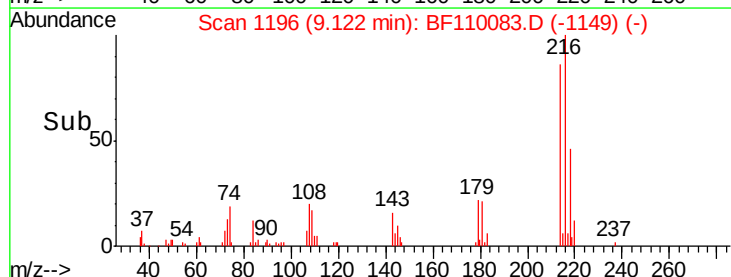
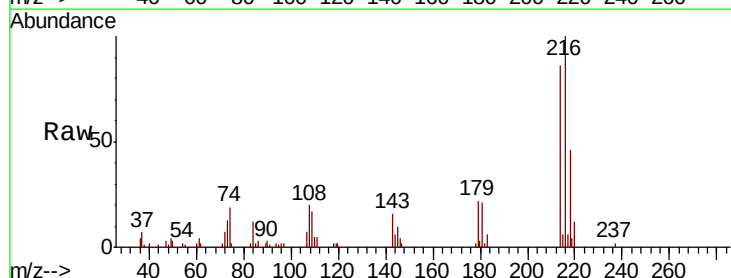
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 21.8 16.6 25.0

108 19.3 15.1 22.7



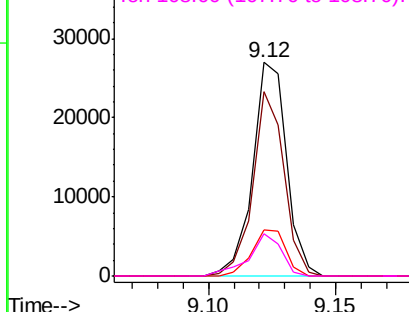
Abundance

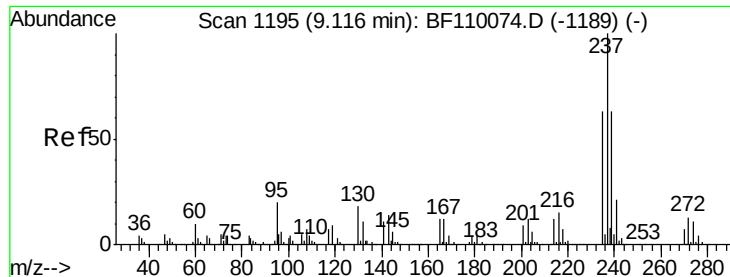
Ion 216.00 (215.70 to 216.70): E

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: 1.845 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

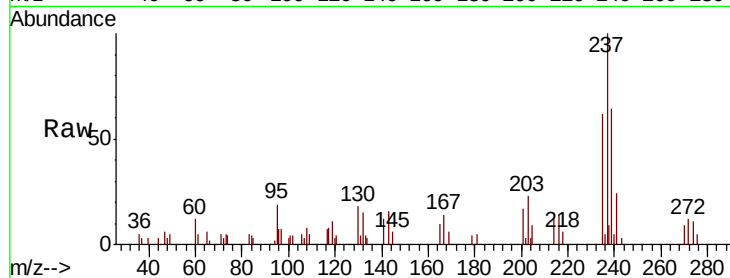
Tot Ion:237 Resp: 11357

Ion Ratio Lower Upper

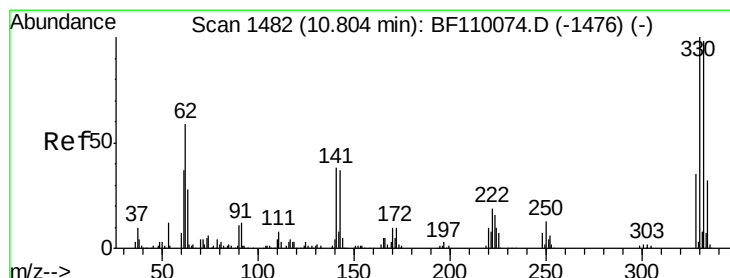
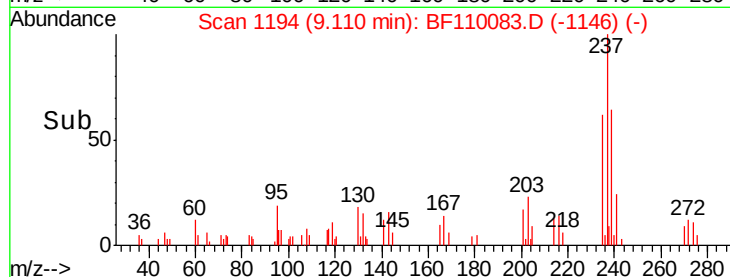
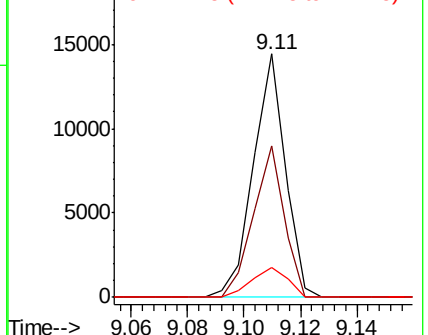
237 100

235 62.2 43.1 83.1

272 12.5 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 127.196 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

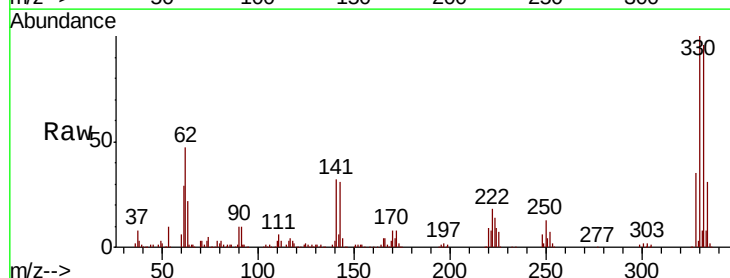
Tgt Ion:330 Resp: 486914

Ion Ratio Lower Upper

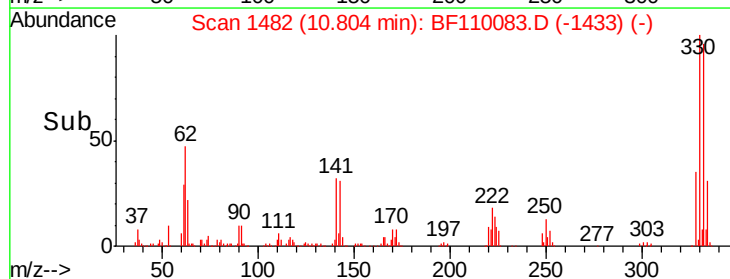
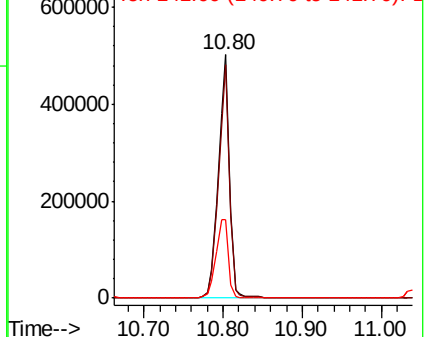
330 100

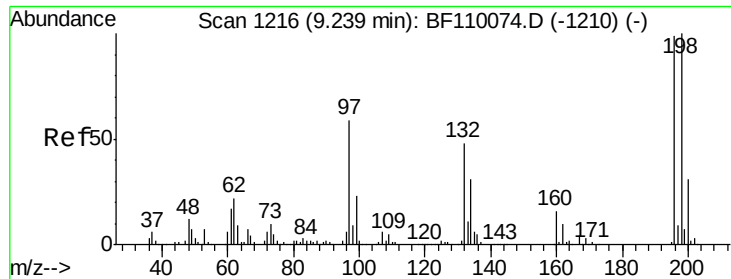
332 94.5 77.1 115.7

141 36.8 27.0 40.4



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

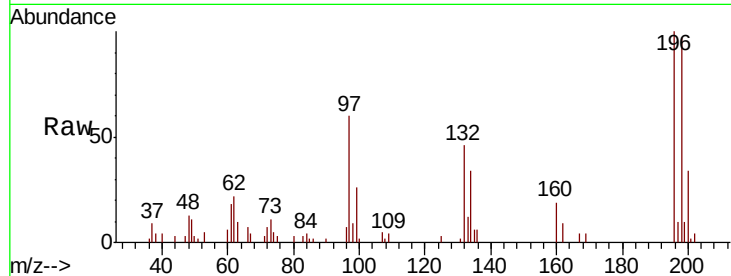




#43
 2,4,6-Trichlorophenol
 Concen: 1.957 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.2	114.4
200	33.6	24.4	36.6

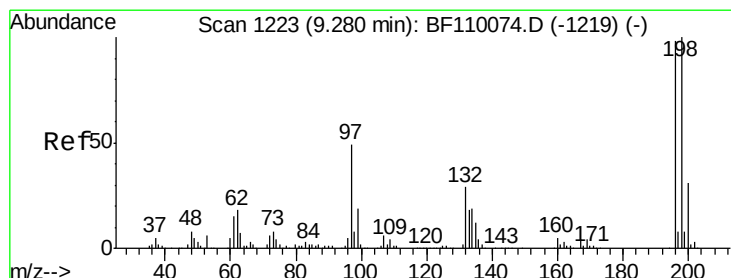
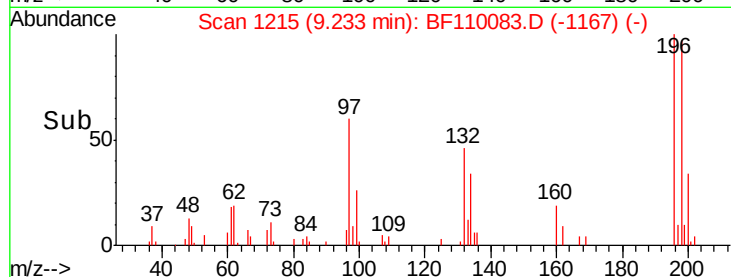
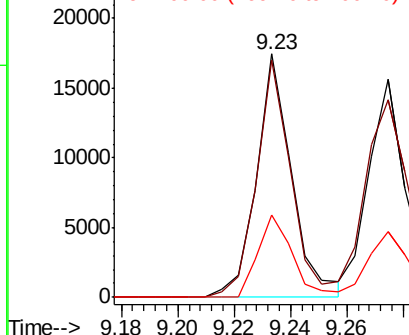


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 1.940 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.7	75.8	113.6
97	47.5	42.4	63.6
132	30.4	22.8	34.2

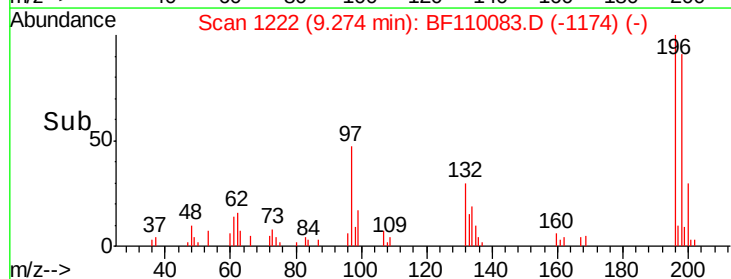
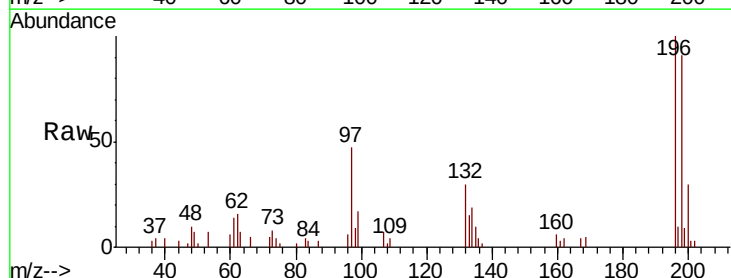
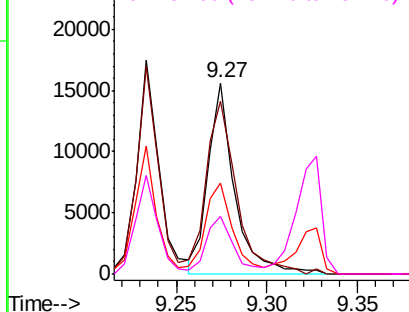
Abundance

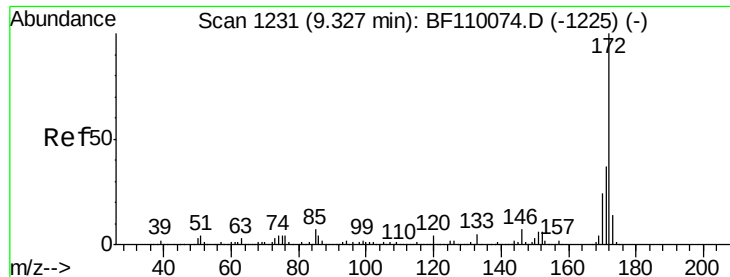
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



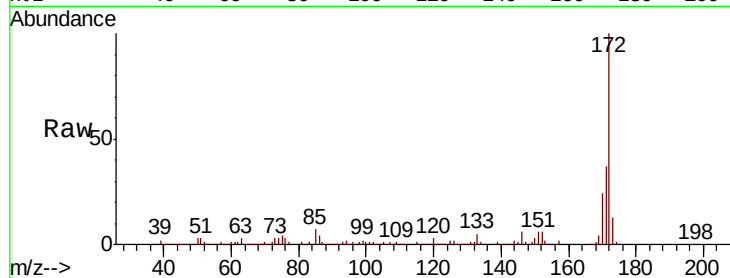


#45
 2-Fluorobiphenyl
 Concen: 79.346 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

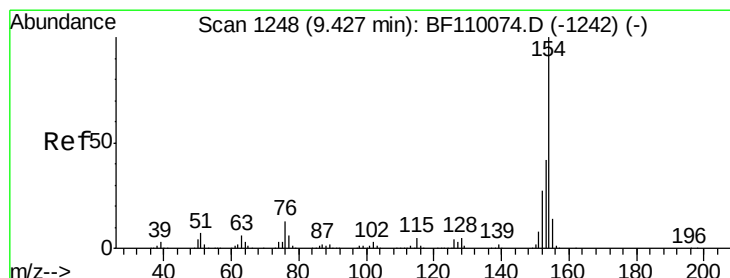
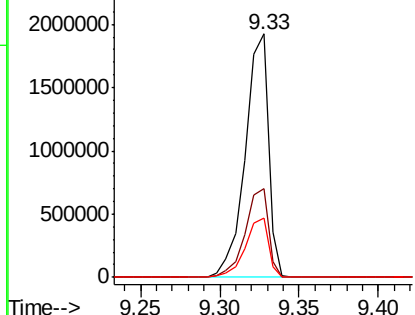
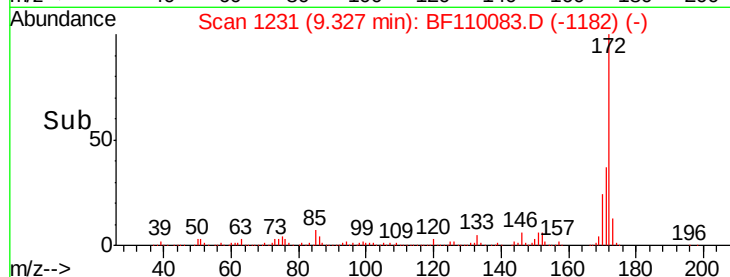
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1952748

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.1	19.7	29.5



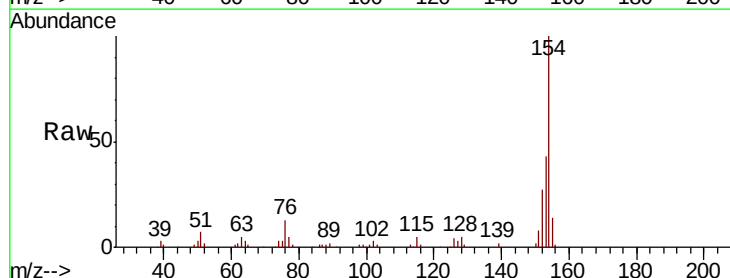
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



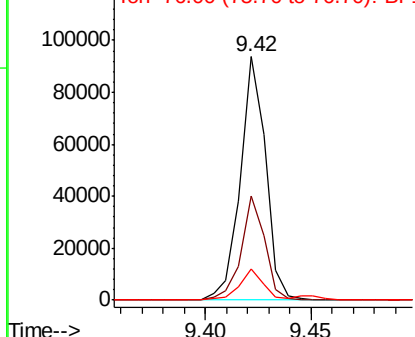
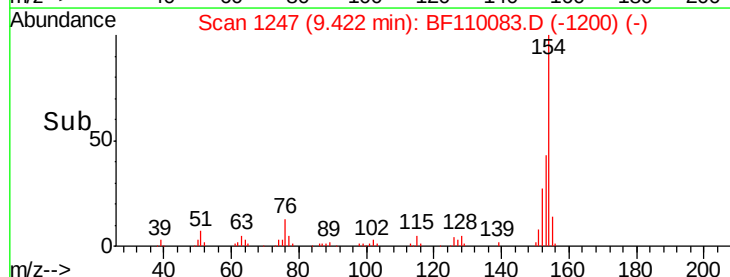
#46
 1,1'-Biphenyl
 Concen: 2.222 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

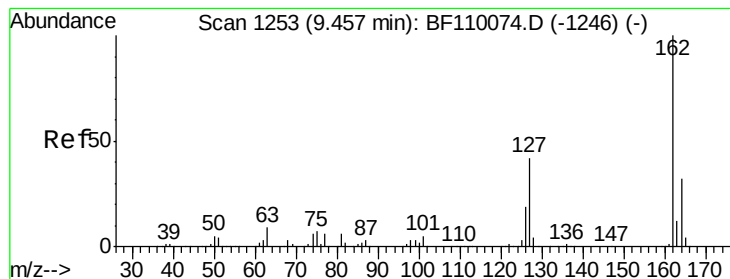
Tgt Ion:154 Resp: 77640

Ion	Ratio	Lower	Upper
154	100		
153	43.0	20.4	60.4
76	12.7	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: 2.183 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampled :

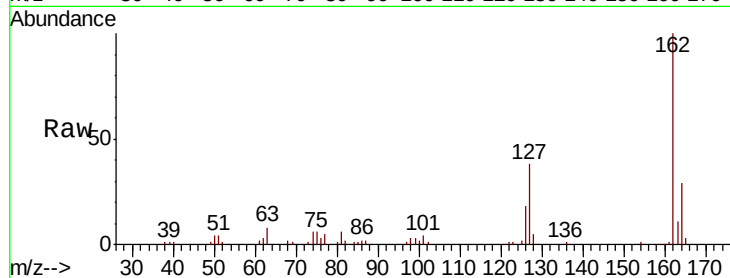
Tot Ion:162 Resp: 55966

Ion Ratio Lower Upper

162 100

127 37.8 32.6 48.8

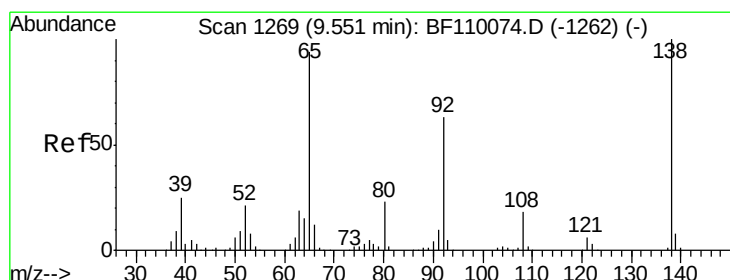
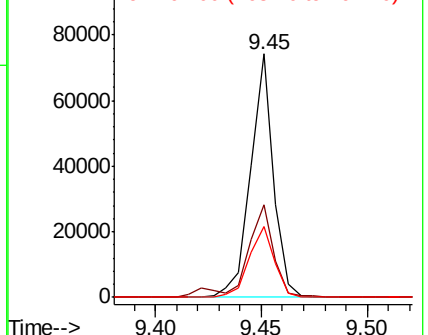
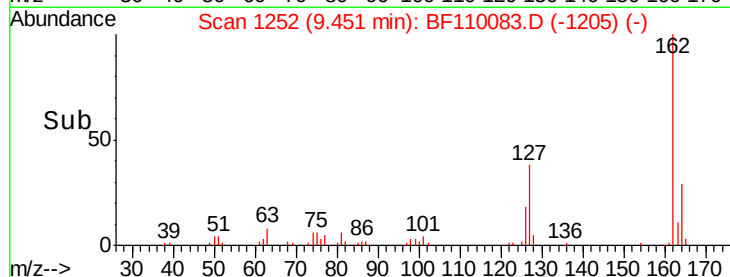
164 29.2 25.9 38.9



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: 1.961 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

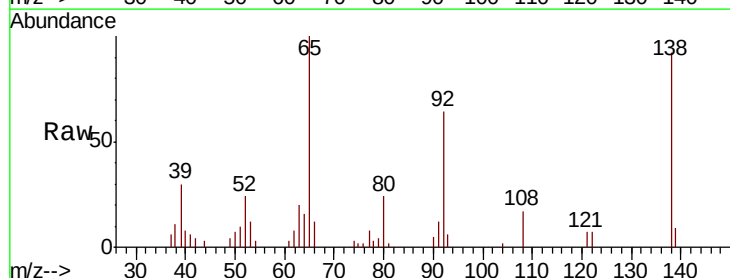
Tgt Ion: 65 Resp: 15236

Ion Ratio Lower Upper

65 100

92 63.8 54.6 81.8

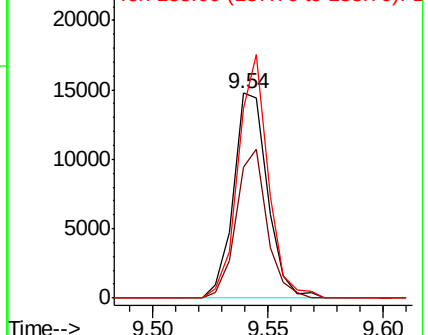
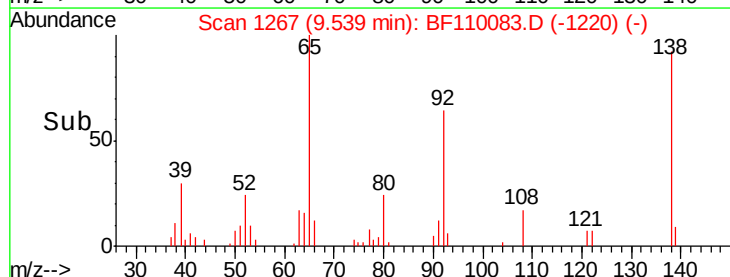
138 92.4 80.3 120.5

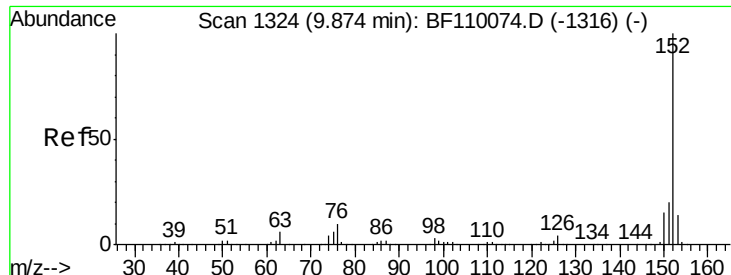


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 2.353 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

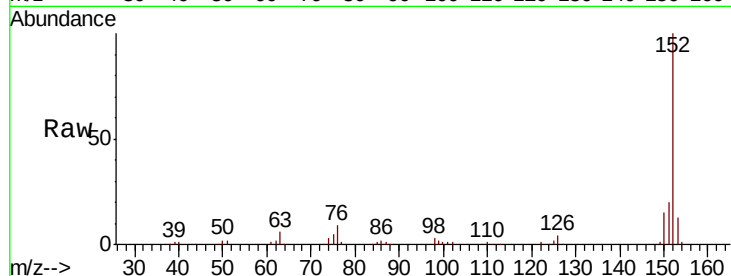
Tot Ion:152 Resp: 87131

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

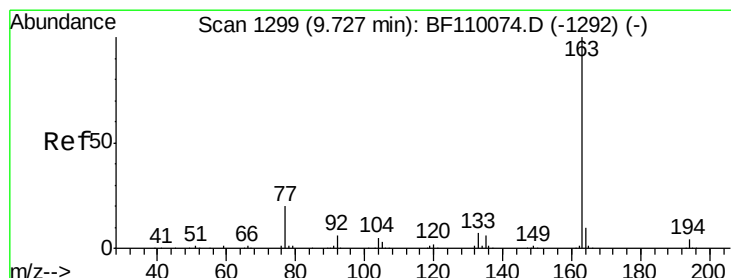
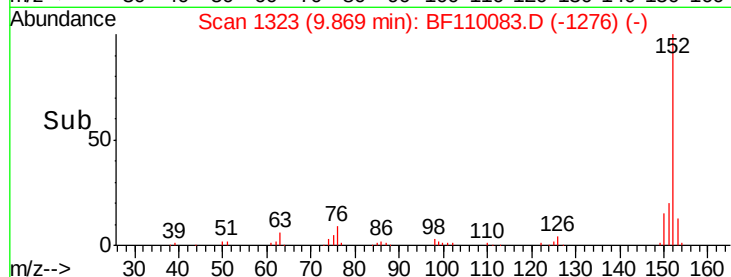
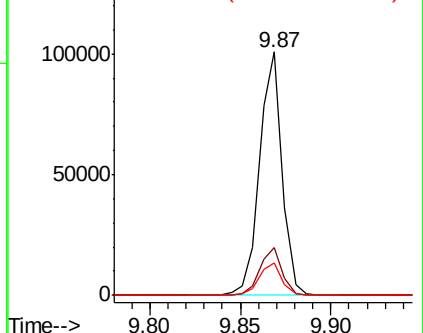
153 13.2 10.4 15.6



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: 2.280 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

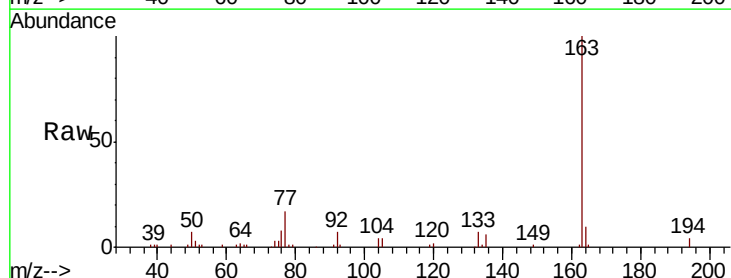
Tgt Ion:163 Resp: 65042

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

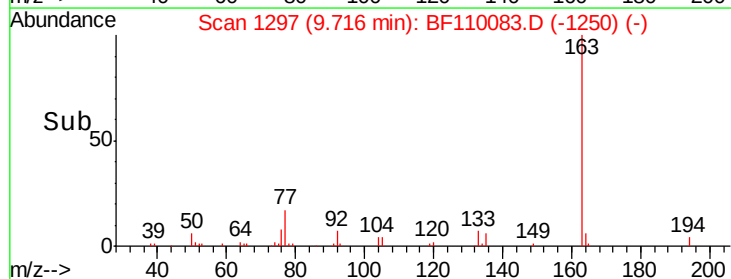
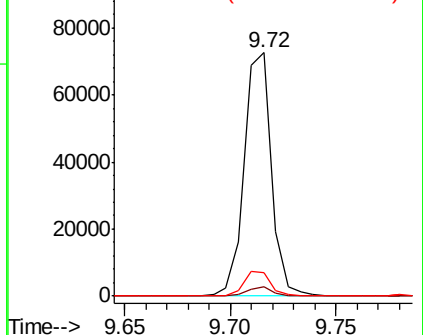
164 9.6 8.1 12.1

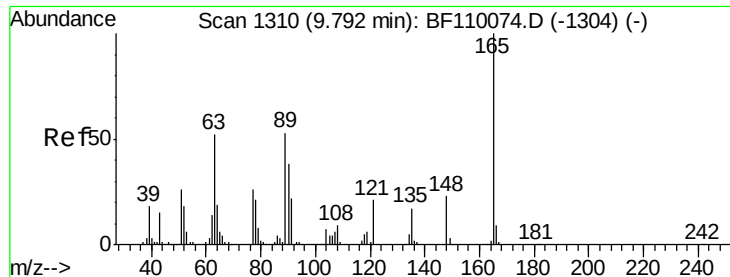


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 2.018 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

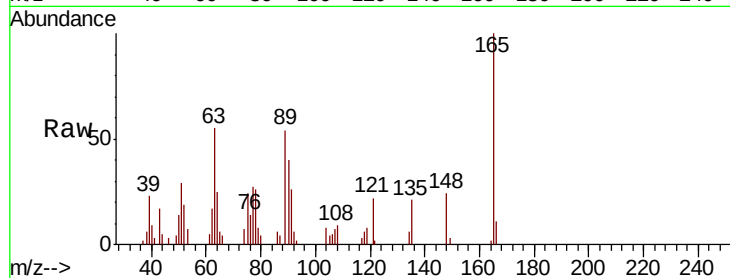
Tot Ion:165 Resp: 12398

Ion Ratio Lower Upper

165 100

63 54.8 48.9 73.3

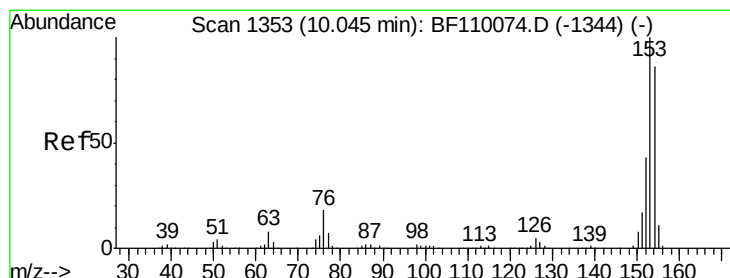
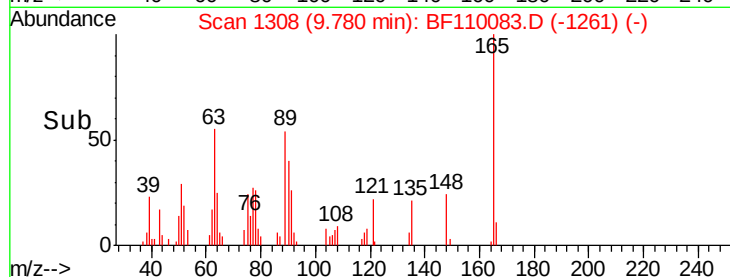
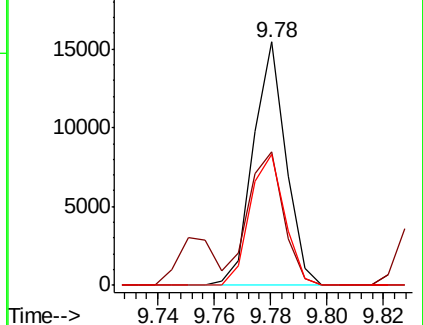
89 54.0 46.6 69.8



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: 2.302 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

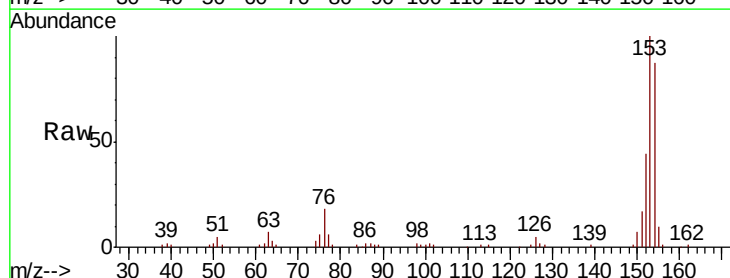
Tgt Ion:154 Resp: 56387

Ion Ratio Lower Upper

154 100

153 114.5 90.1 135.1

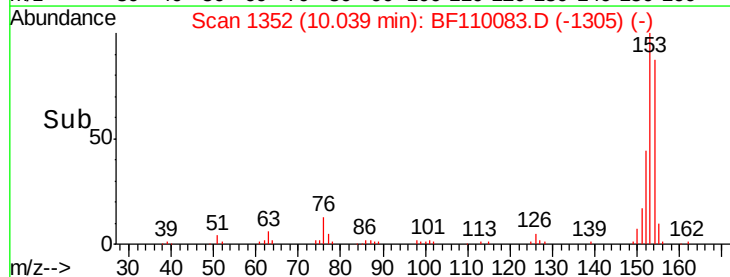
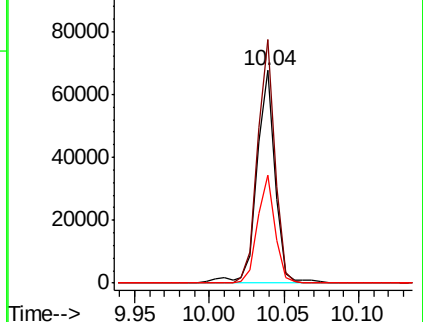
152 50.6 43.4 65.2

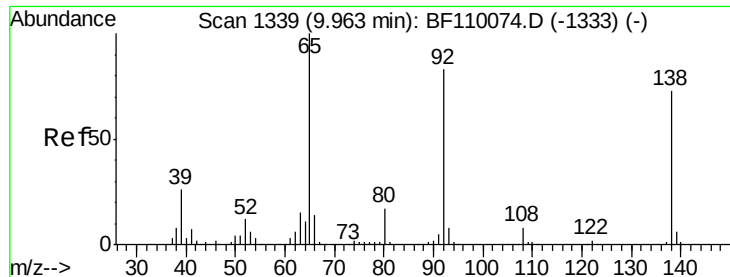


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

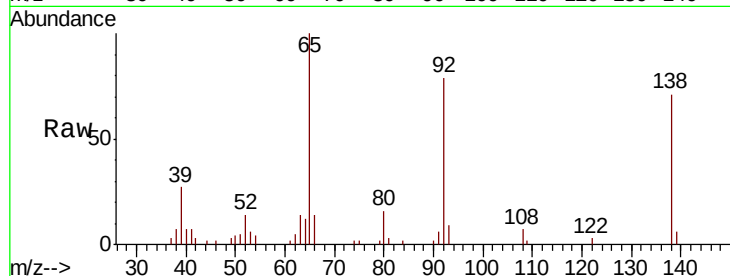




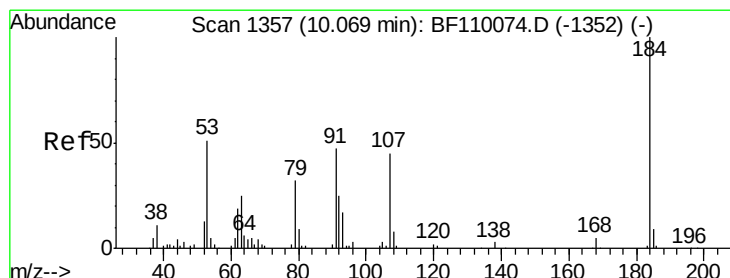
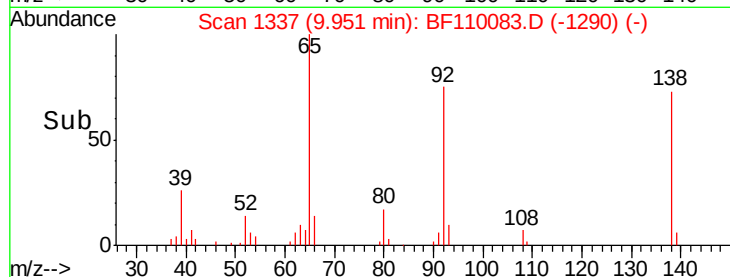
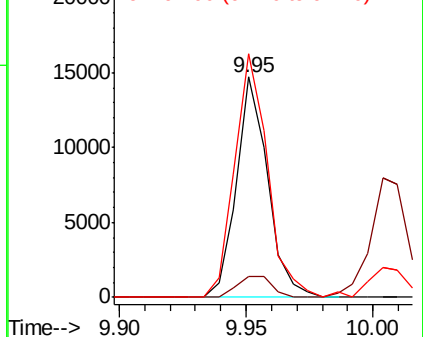
#53
3-Nitroaniline
Concen: 1.721 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 12573
Ion Ratio Lower Upper
138 100
108 9.4 8.7 13.1
92 110.7 97.0 145.4

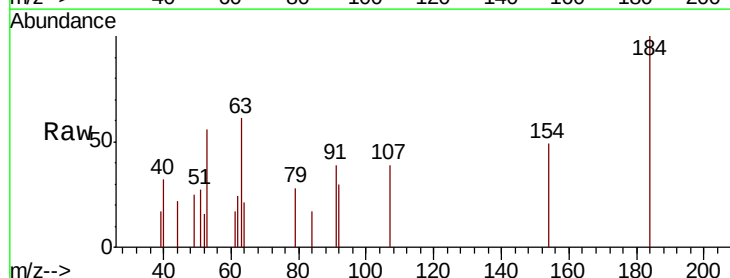


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

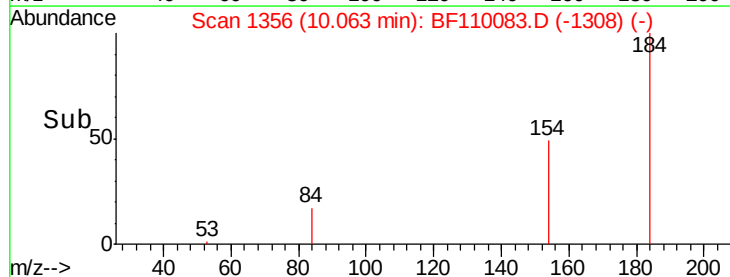
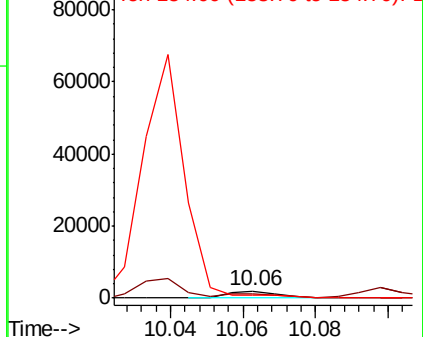


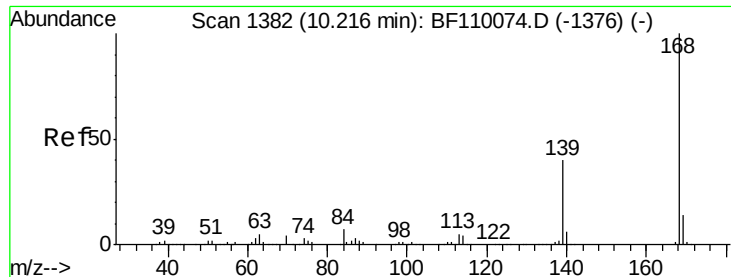
#54
2,4-Dinitrophenol
Concen: 5.822 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion:184 Resp: 1686
Ion Ratio Lower Upper
184 100
63 61.1 55.8 83.6
154 49.3 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

Dibenzenofuran

Concen: 2.287 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

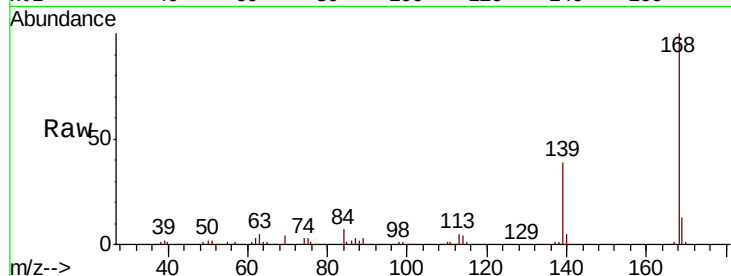
Tot Ion:168 Resp: 78436

Ion Ratio Lower Upper

168 100

139 38.8 33.0 49.6

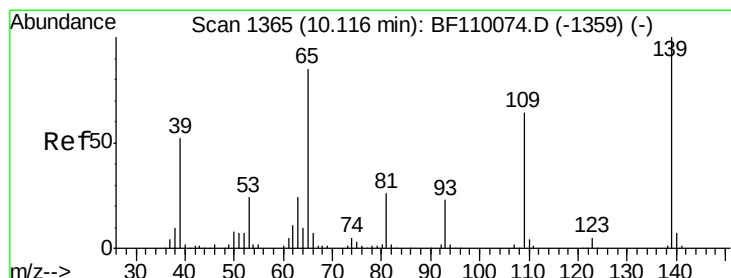
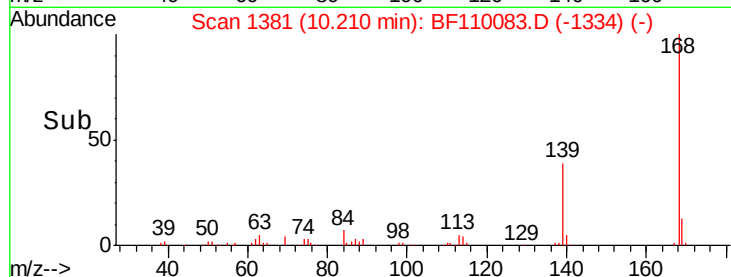
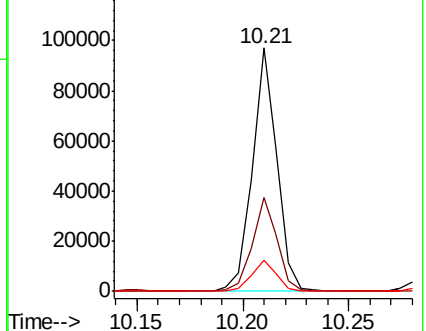
169 12.6 11.3 16.9



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: 1.636 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

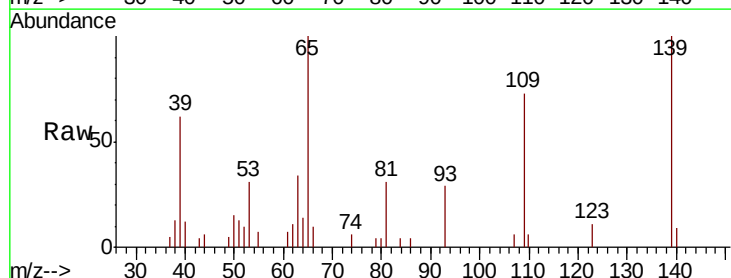
Tgt Ion:139 Resp: 8846

Ion Ratio Lower Upper

139 100

109 72.7 55.8 95.8

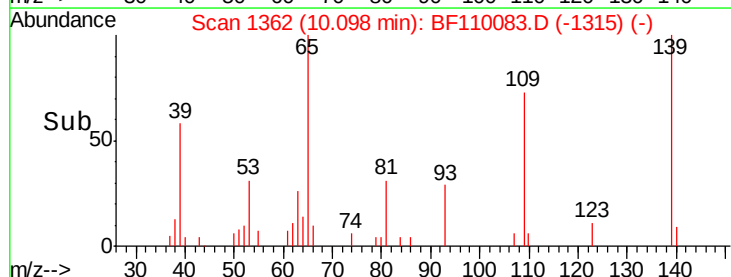
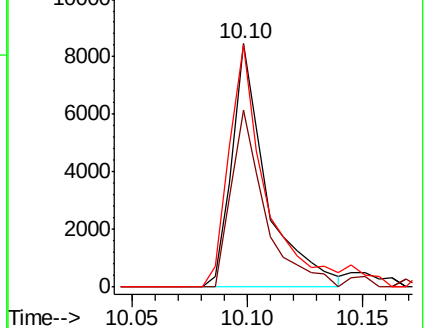
65 99.8 77.9 117.9

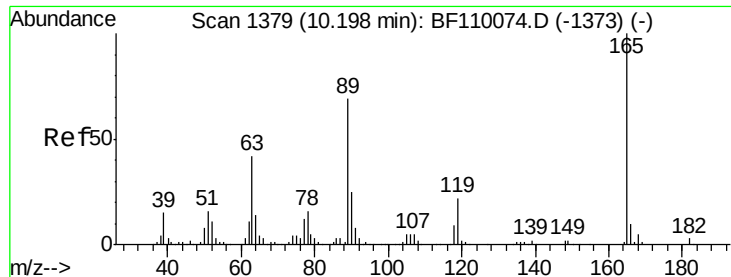


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 2.063 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF110083.D

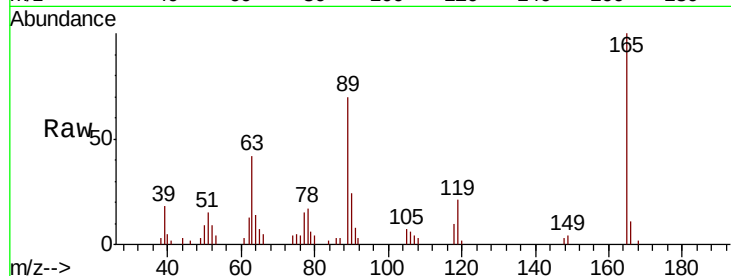
Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:	165	Resp:	16104
Ion	Ratio	Lower	Upper
165	100		
63	41.9	44.8	67.2#
89	70.3	62.2	93.4
182	0.0	2.1	3.1#



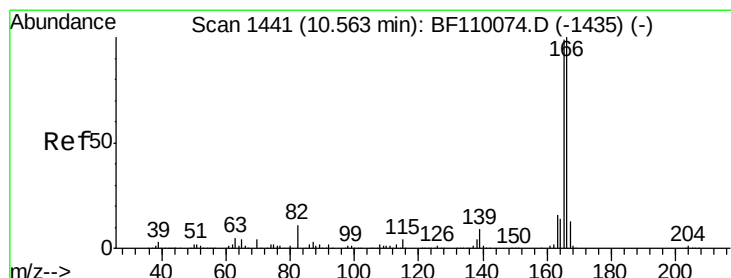
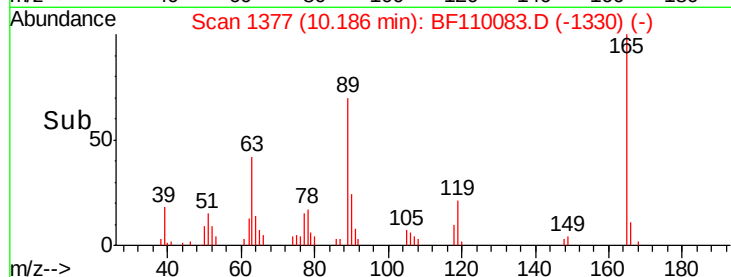
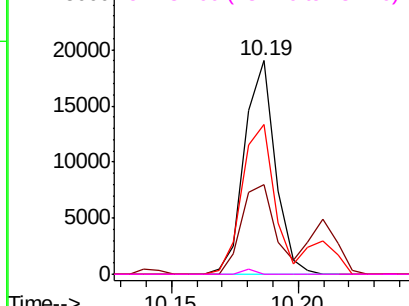
Abundance

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: 2.479 ng

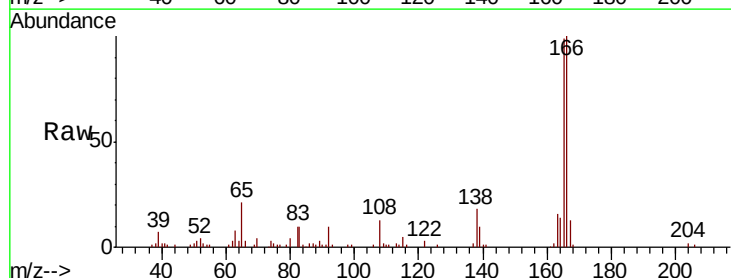
RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Tgt Ion:	166	Resp:	63277
Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.1	10.8	16.2

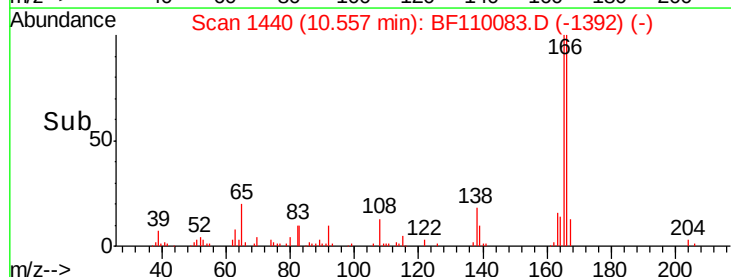
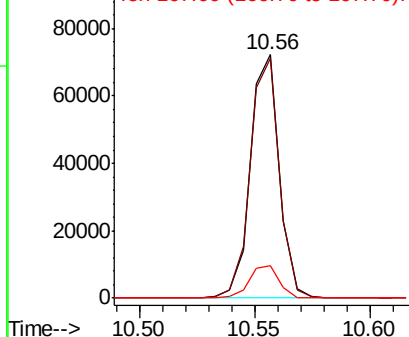


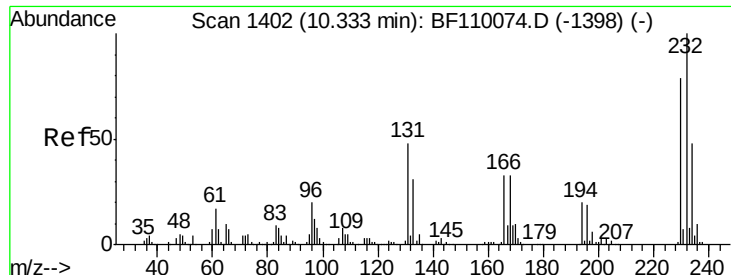
Abundance

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

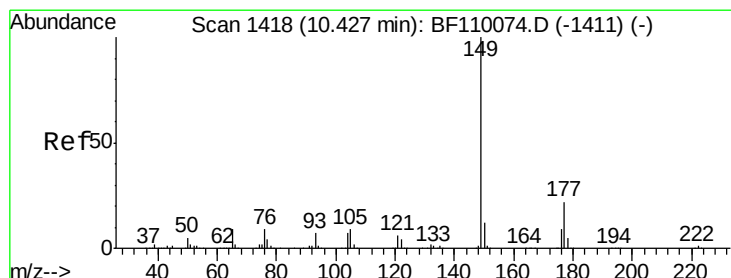
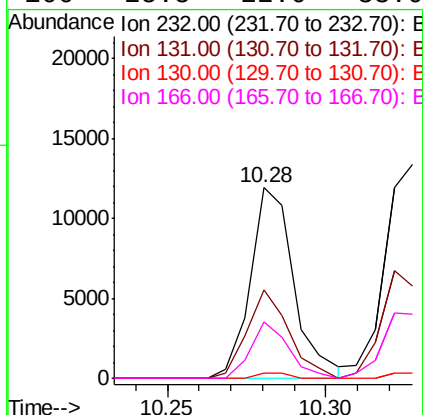
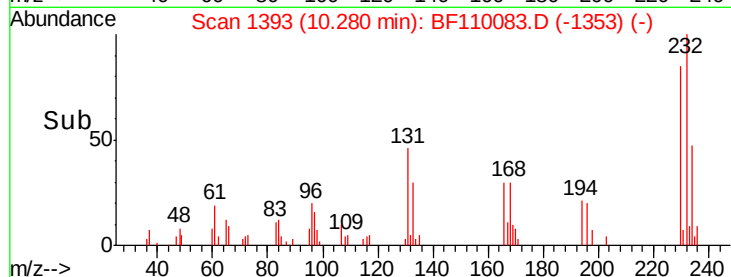
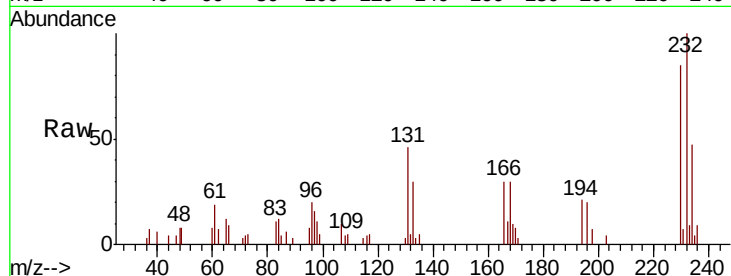




#59
2,3,4,6-Tetrachlorophenol
Concen: 1.707 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.06 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

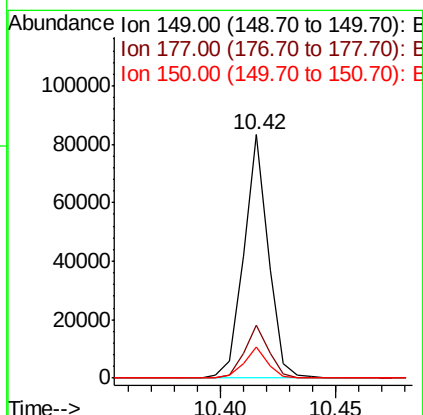
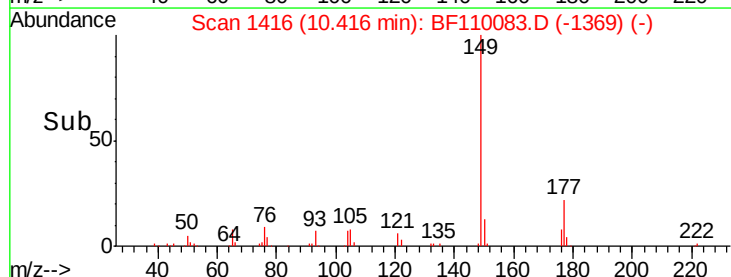
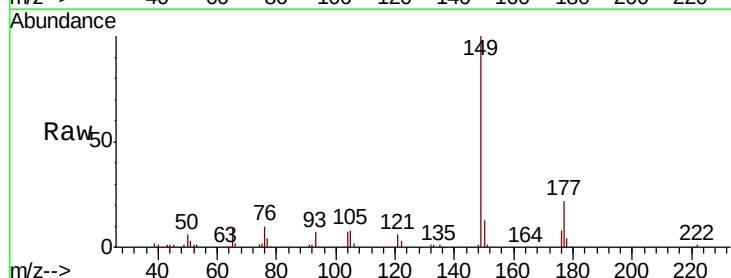
Instrument :
BNA_F
ClientSampleId :

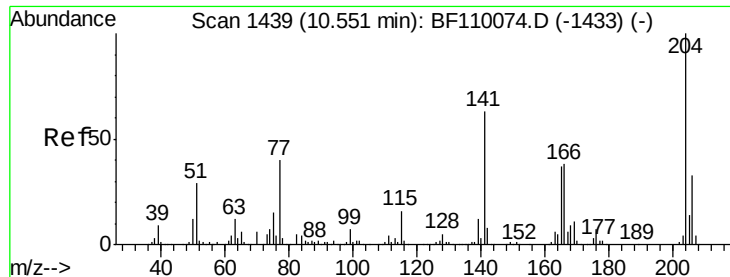
Tot Ion:232 Resp: 11419
Ion Ratio Lower Upper
232 100
131 44.4 37.0 55.4
130 2.0 1.8 2.6
166 25.5 22.0 33.0



#60
Diethylphthalate
Concen: 2.222 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion:149 Resp: 61872
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.9 9.8 14.8

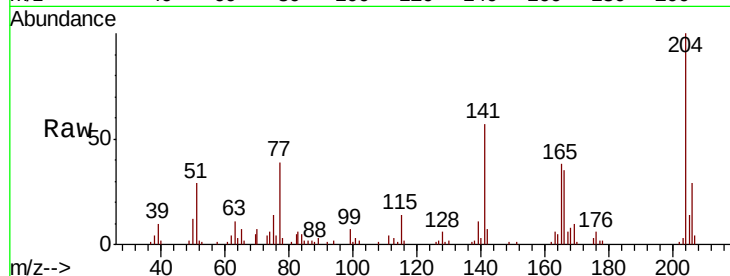




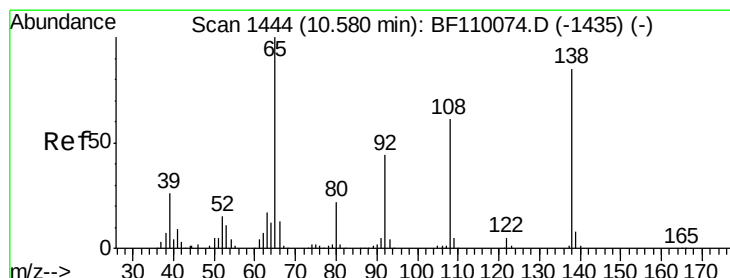
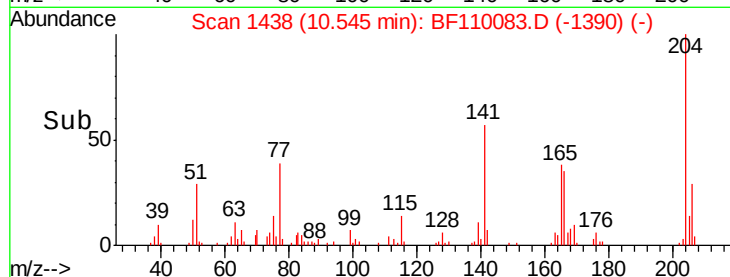
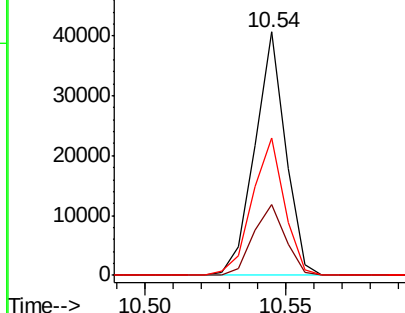
#61
 4-Chlorophenyl-phenylether
 Concen: 2.289 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 30820
 Ion Ratio Lower Upper
 204 100
 206 29.1 26.5 39.7
 141 56.6 51.8 77.8

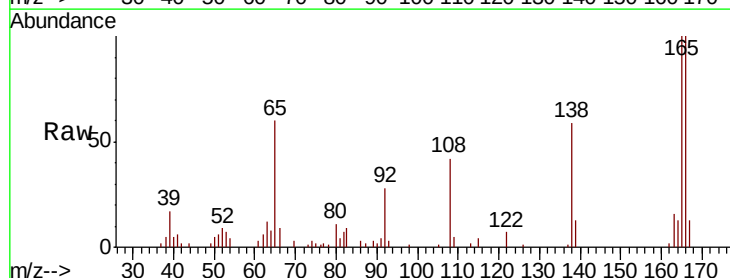


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

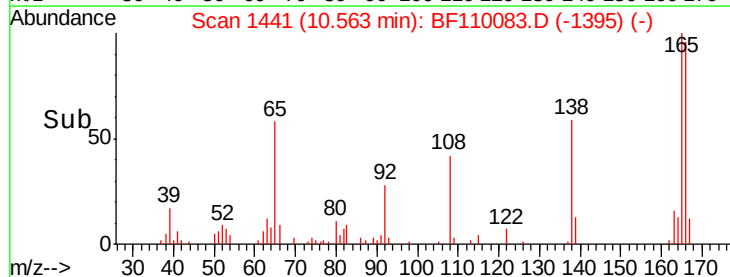
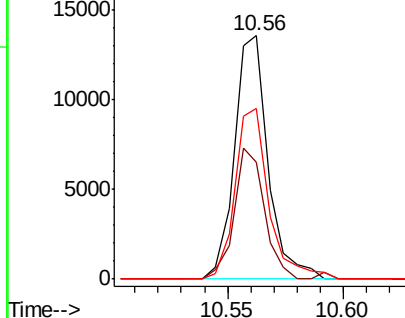


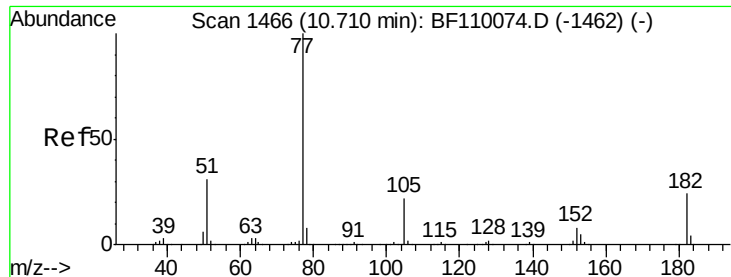
#62
 4-Nitroaniline
 Concen: 1.895 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.03 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

Tgt Ion:138 Resp: 13775
 Ion Ratio Lower Upper
 138 100
 92 48.0 31.7 71.7
 108 70.1 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

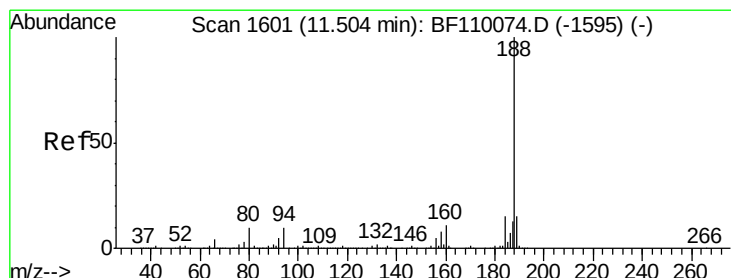
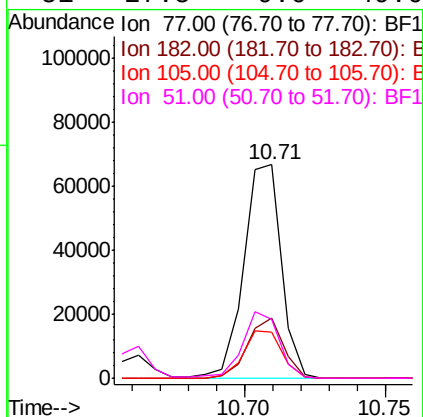
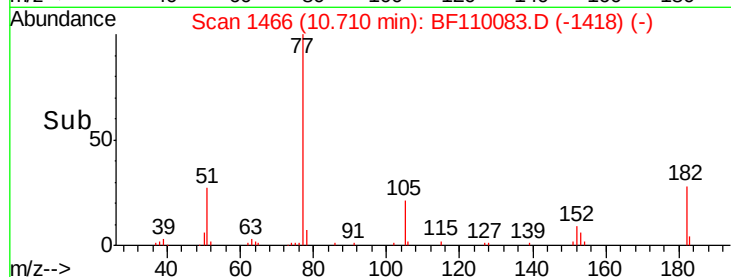
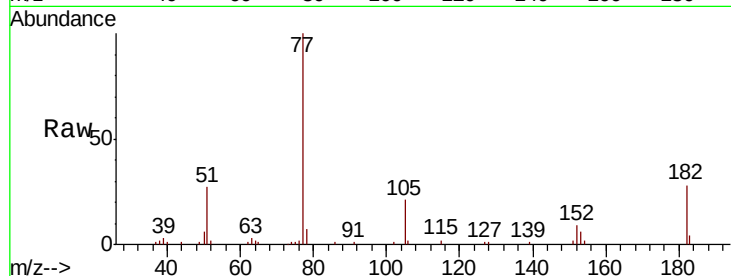




#63
Azobenzene
Concen: 2.231 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

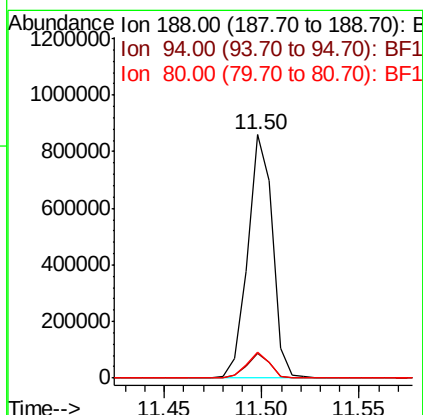
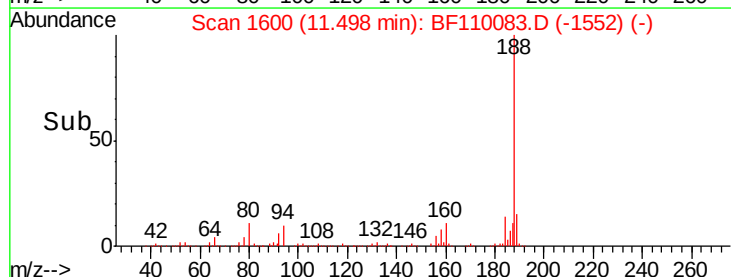
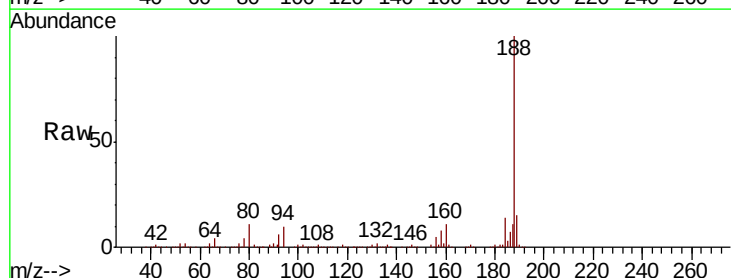
Instrument :
BNA_F
ClientSampled :

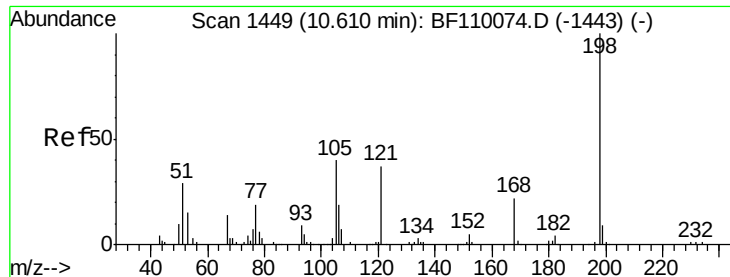
Tot Ion:	77	Resp:	61658
Ion	Ratio	Lower	Upper
77	100		
182	28.4	4.3	44.3
105	21.4	1.3	41.3
51	27.5	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion:	188	Resp:	754528
Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.2	10.8
80	10.9	7.9	11.9

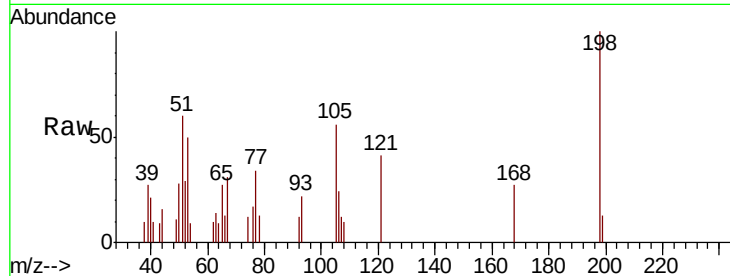




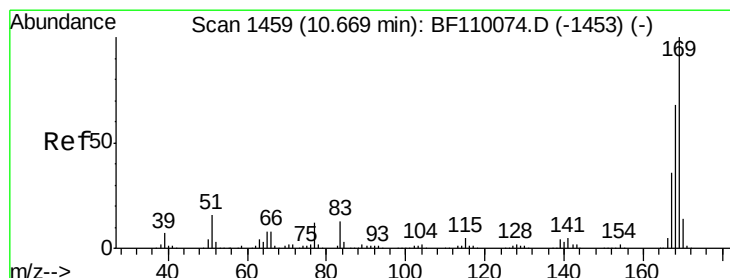
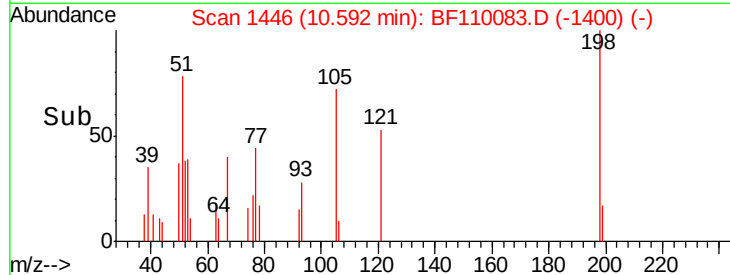
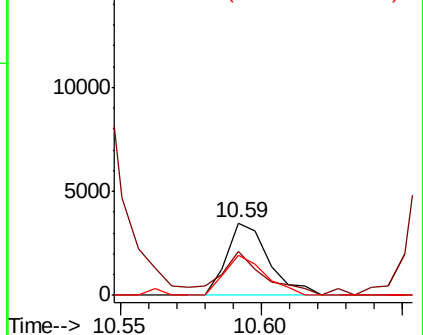
#65
4,6-Dinitro-2-methylphenol
Concen: 1.042 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.03 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 3591
Ion Ratio Lower Upper
198 100
51 60.1 22.8 62.8
105 55.9 23.6 63.6

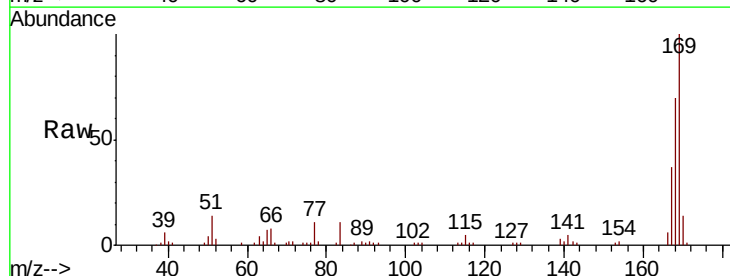


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

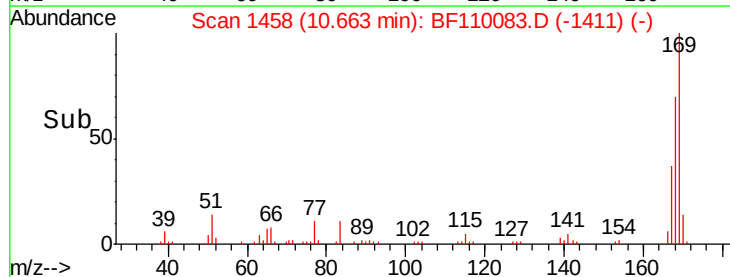
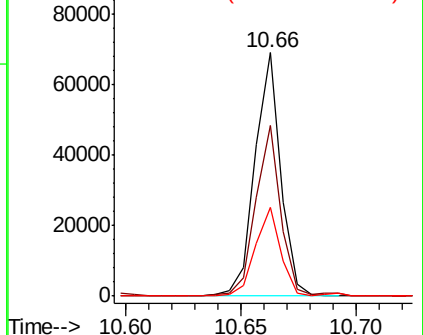


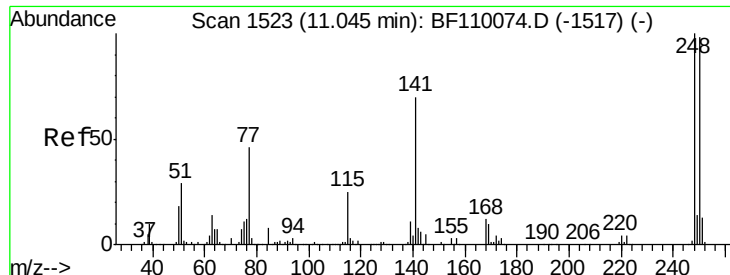
#66
n-Nitrosodiphenylamine
Concen: 2.183 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion:169 Resp: 54023
Ion Ratio Lower Upper
169 100
168 69.9 51.2 76.8
167 36.6 27.8 41.6



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

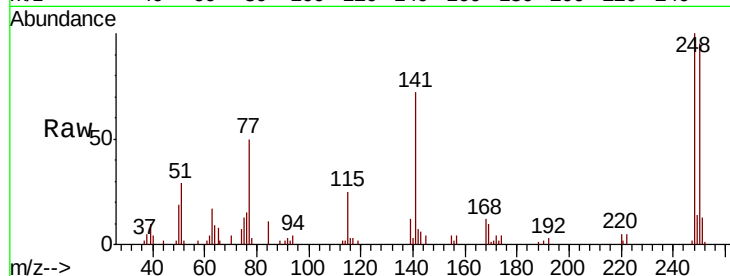




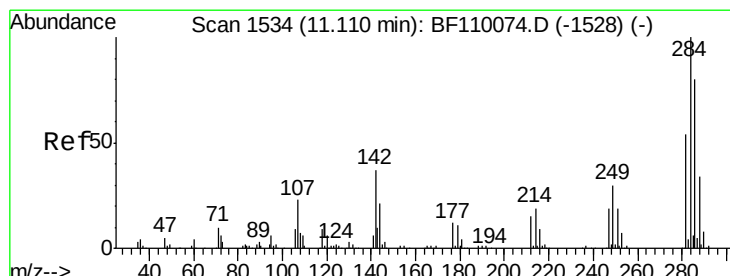
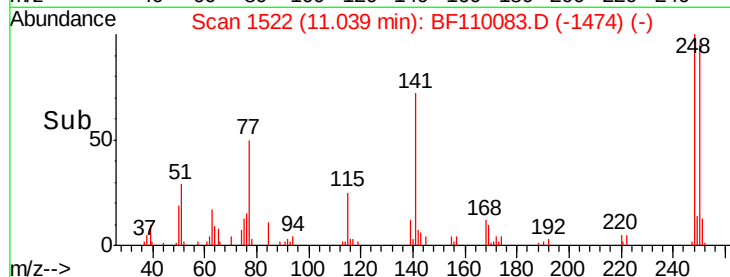
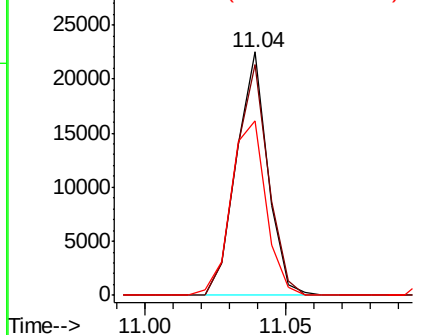
#67
4-Bromophenyl-phenylether
Concen: 2.121 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17360
Ion Ratio Lower Upper
248 100
250 95.0 79.4 119.2
141 71.6 55.9 83.9

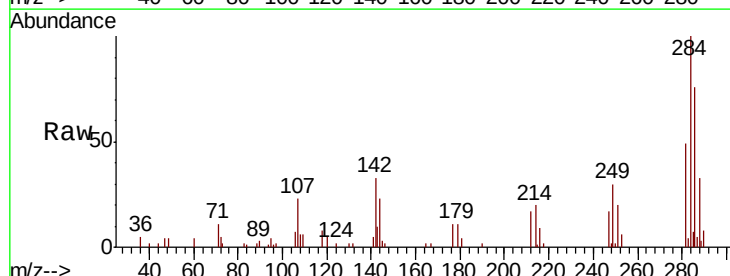


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

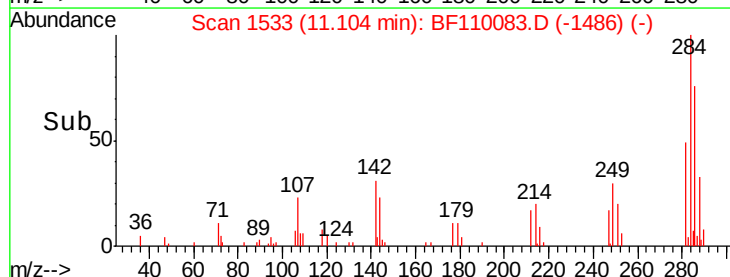
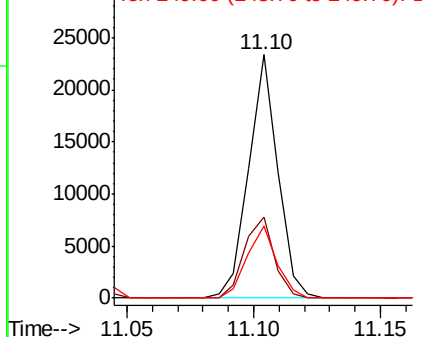


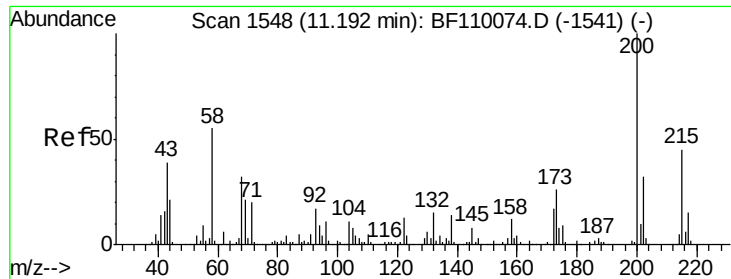
#68
Hexachlorobenzene
Concen: 2.162 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion:284 Resp: 18771
Ion Ratio Lower Upper
284 100
142 33.0 23.9 35.9
249 29.6 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

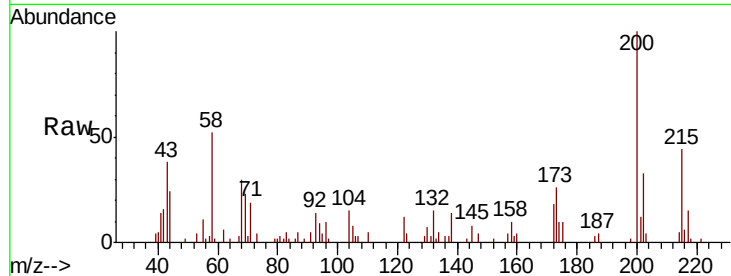




#69
 Atrazine
 Concen: 2.116 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.02 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.6	46.6
215	44.0	26.3	66.3

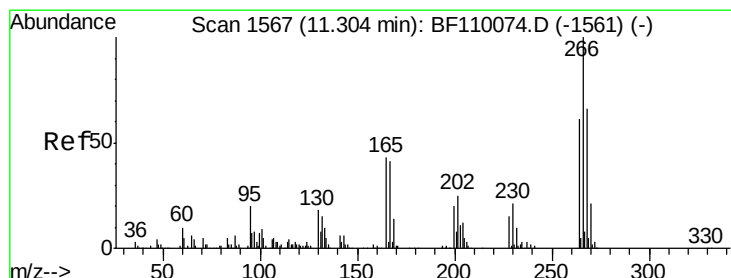
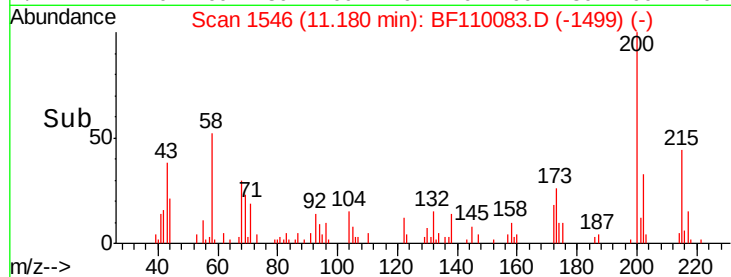
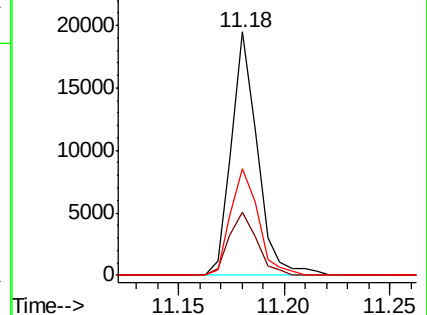


Abundance

Ion 200.00 (199.70 to 200.70): E

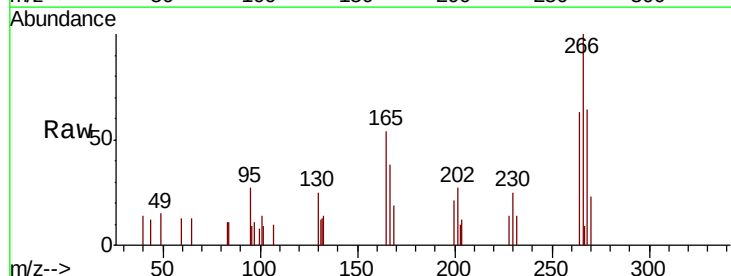
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 1.072 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.6	75.8
264	62.6	50.6	75.8

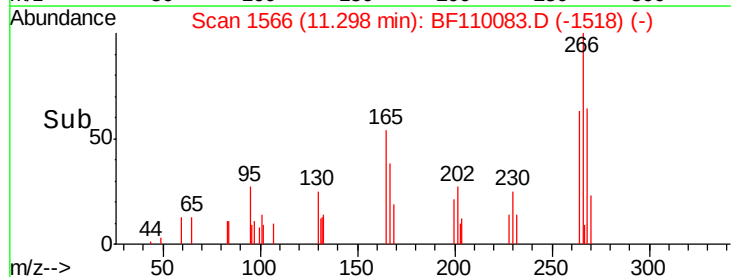
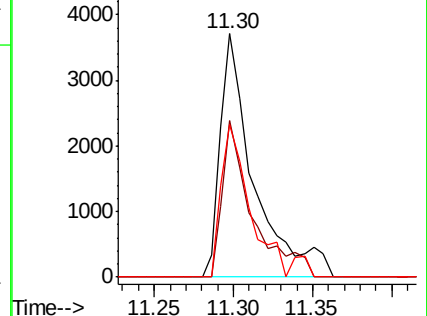


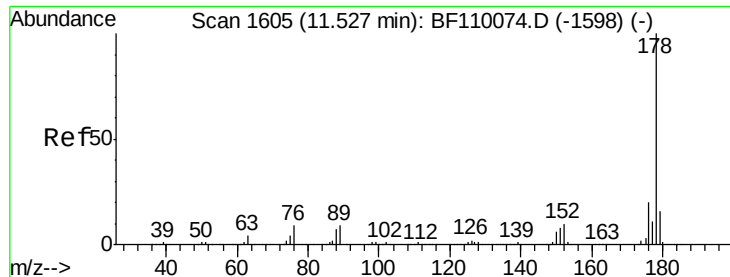
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

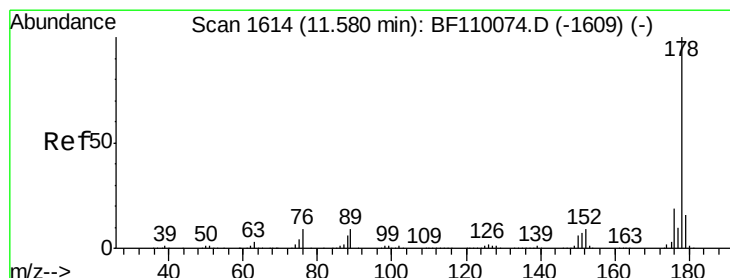
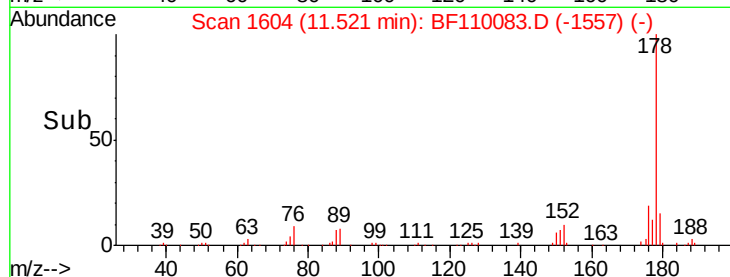
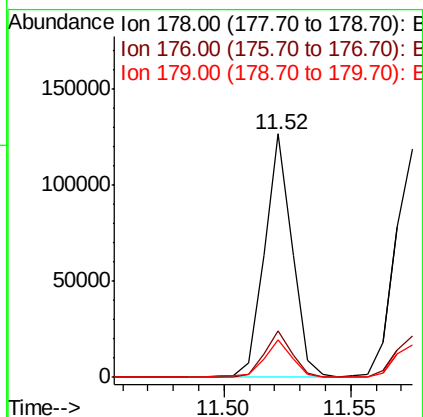
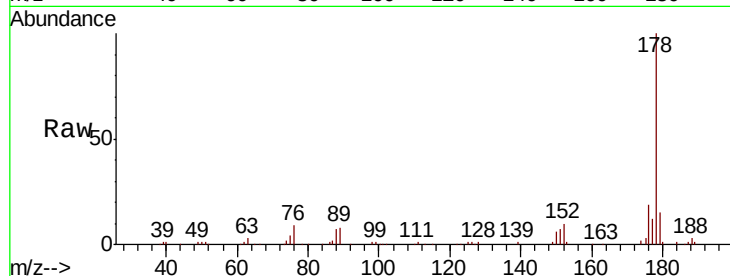




#71
 Phenanthrene
 Concen: 2.442 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

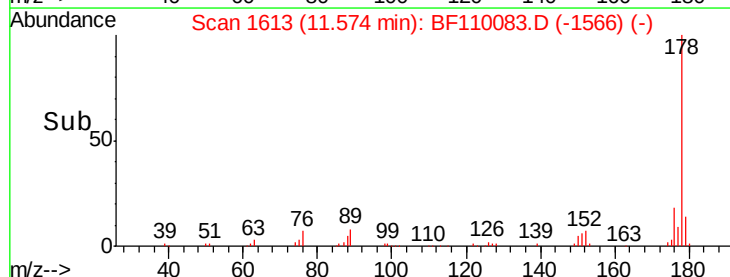
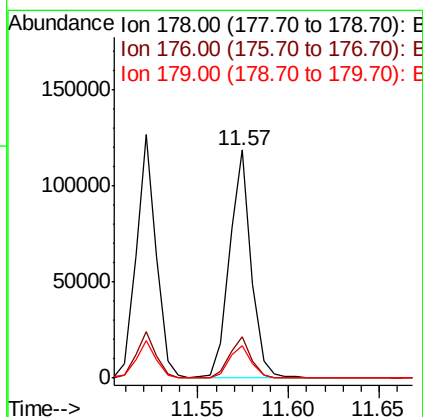
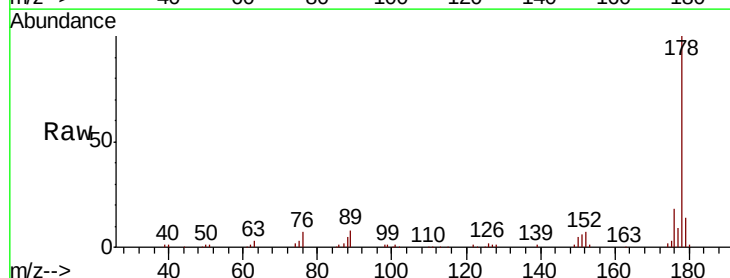
Instrument :
 BNA_F
 ClientSampleId :

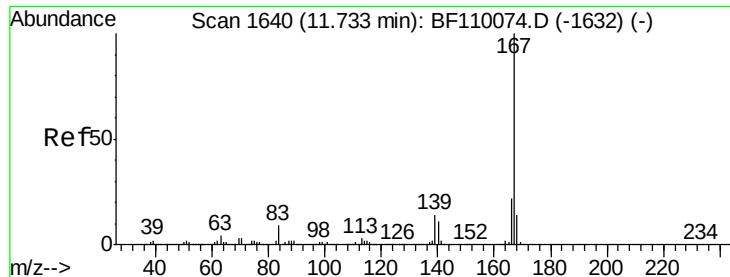
Tot Ion:178 Resp: 96419
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.2 12.5 18.7



#72
 Anthracene
 Concen: 2.503 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF110083.D
 Acq: 23 Oct 2018 17:52

Tgt Ion:178 Resp: 99037
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.2
 179 14.0 12.6 18.8





#73

Carbazole

Concen: 2.171 ng

RT: 11.73 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

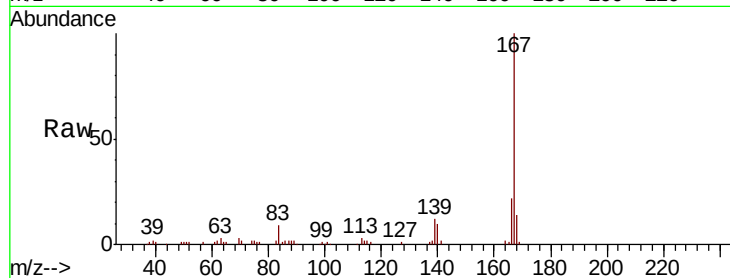
Tot Ion:167 Resp: 83873

Ion Ratio Lower Upper

167 100

166 22.4 17.4 26.0

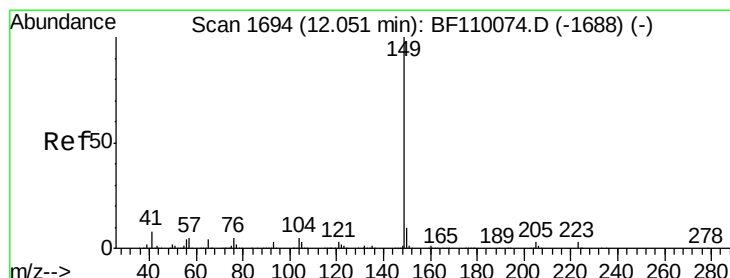
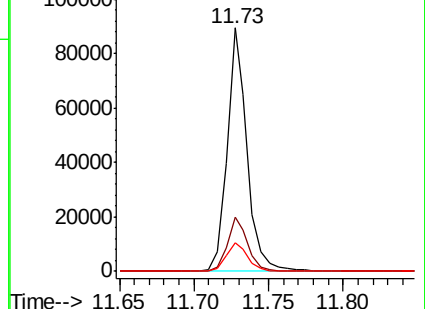
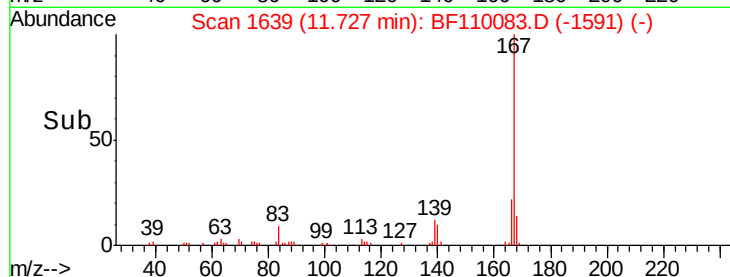
139 11.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 2.165 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

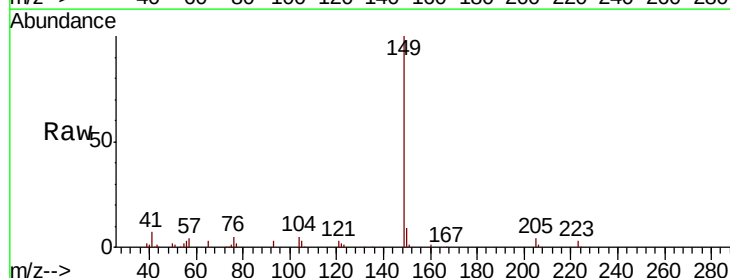
Tgt Ion:149 Resp: 94481

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

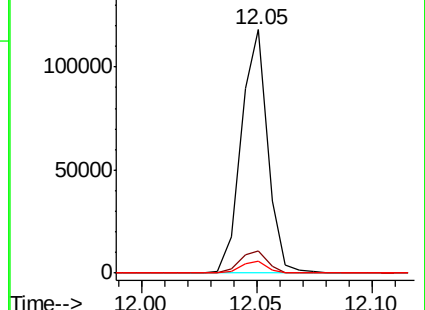
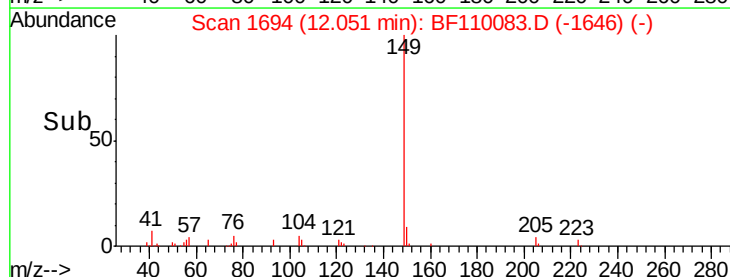
104 5.1 4.2 6.4

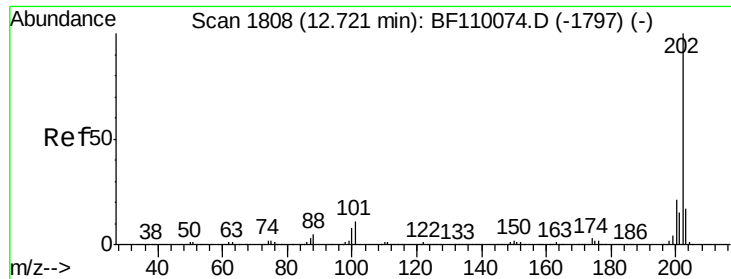


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

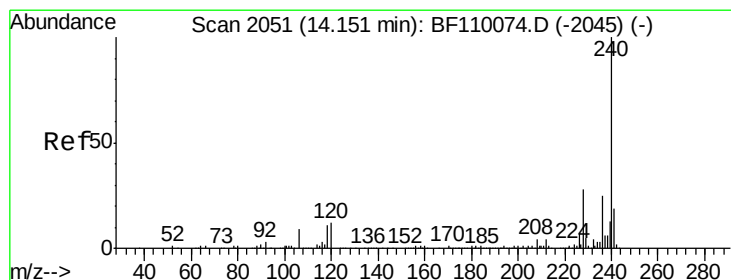
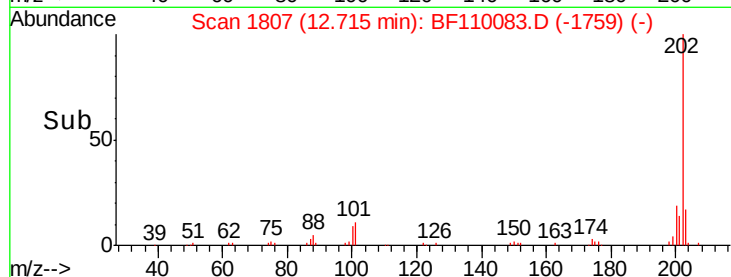
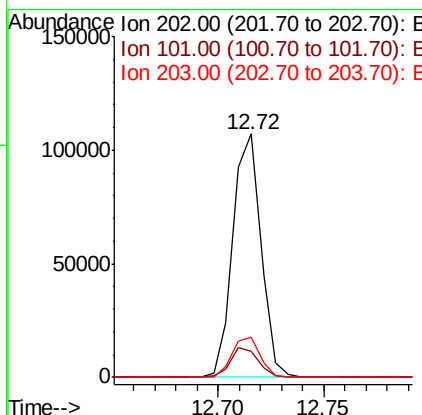
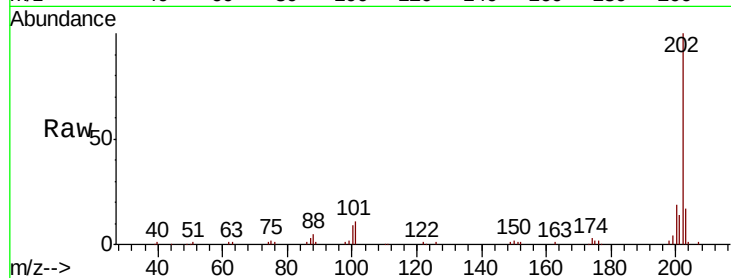




#75
Fluoranthene
Concen: 2.459 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

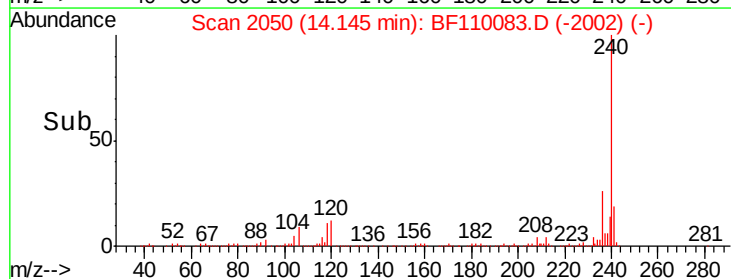
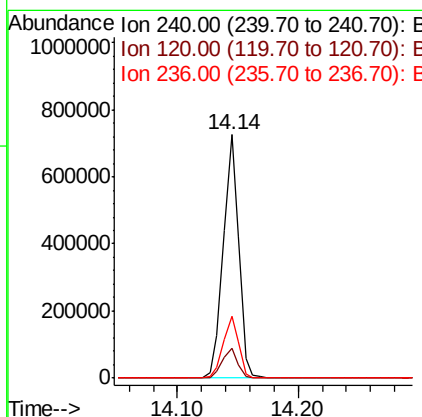
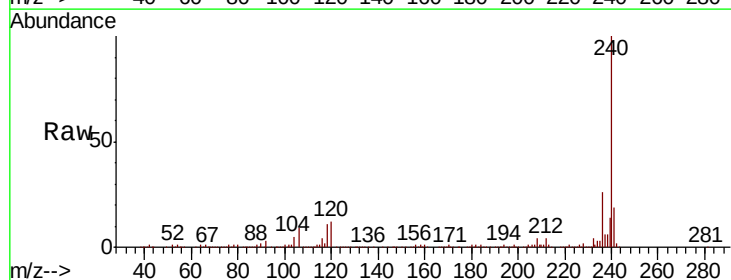
Instrument :
BNA_F
ClientSampled :

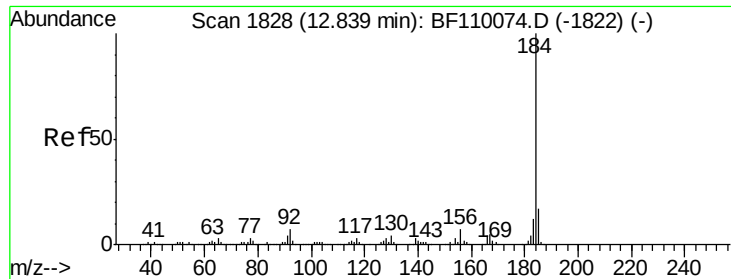
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	16.6	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.7	21.2	31.8





#77

Benzidine

Concen: 1.077 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.24 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

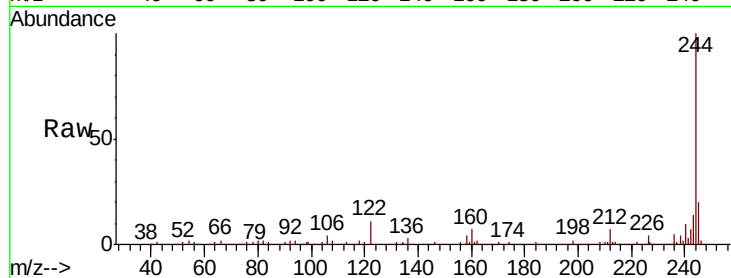
Tot Ion:184 Resp: 28742

Ion Ratio Lower Upper

184 100

185 17.2 13.4 20.2

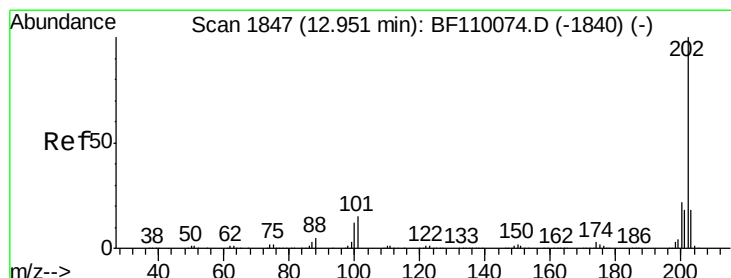
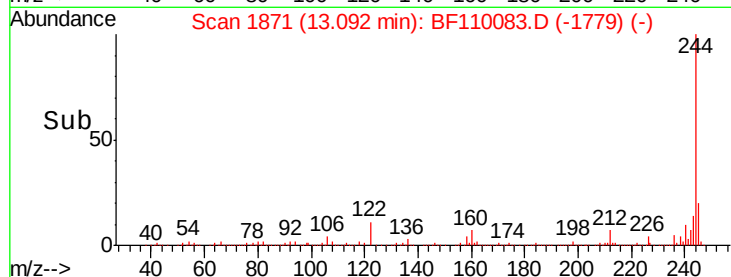
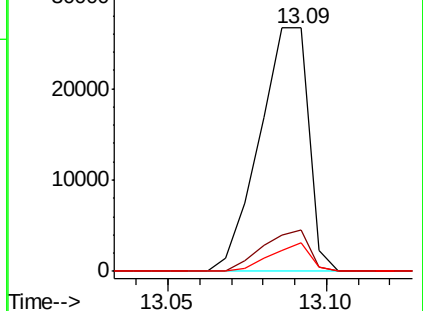
183 11.7 9.4 14.2



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: 2.154 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

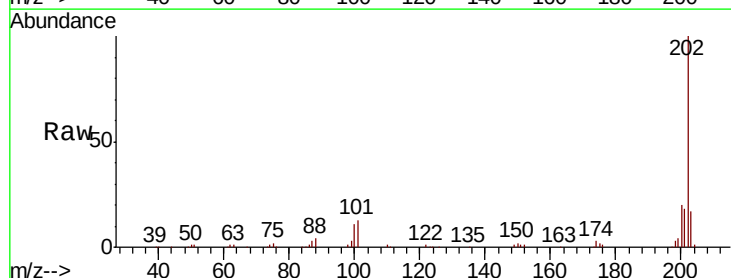
Tgt Ion:202 Resp: 98362

Ion Ratio Lower Upper

202 100

200 20.2 17.8 26.6

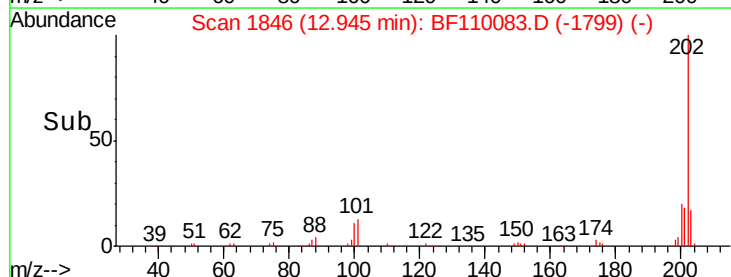
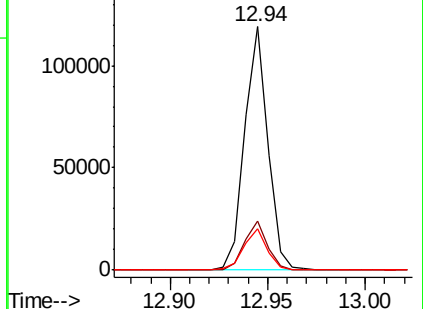
203 16.8 14.2 21.4

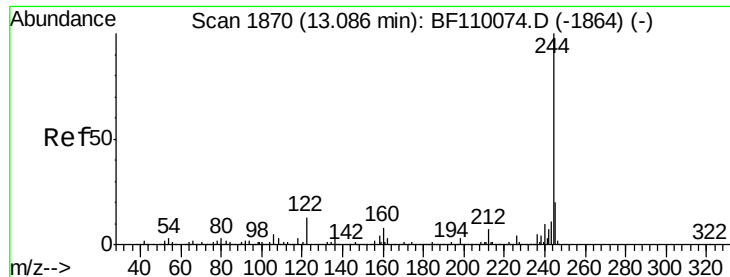


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.007 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampled :

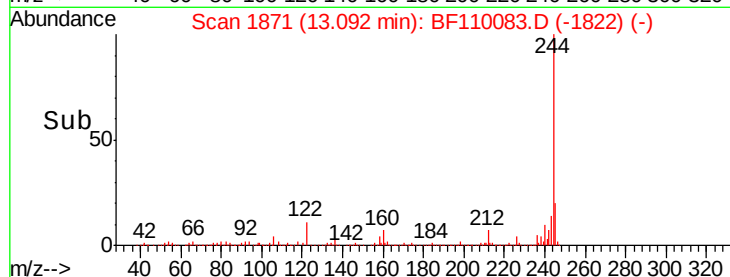
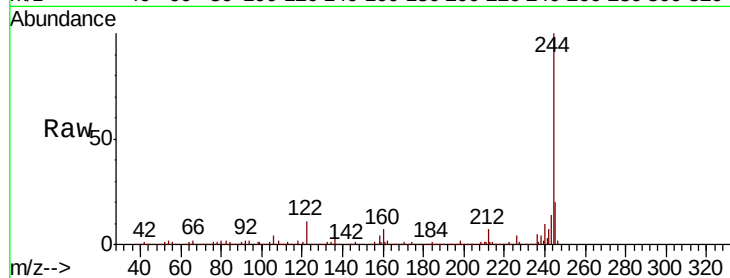
Tot Ion:244 Resp: 2052335

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

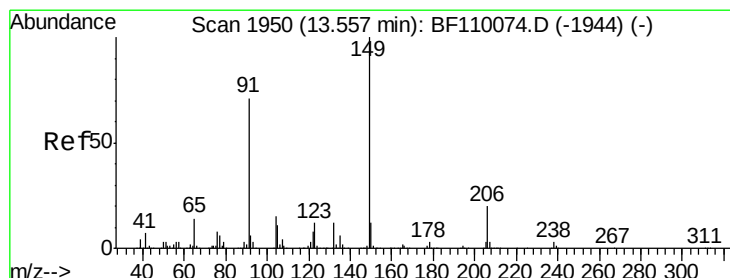
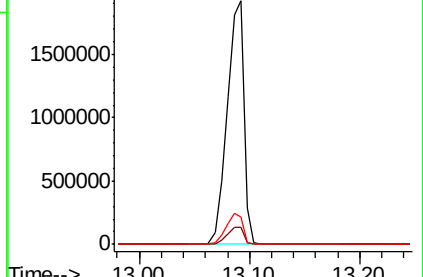
122 11.1 8.7 13.1



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: 1.907 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

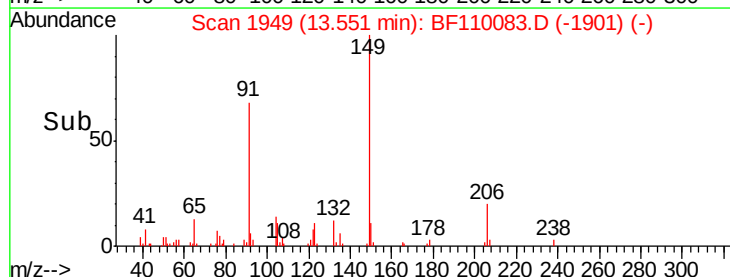
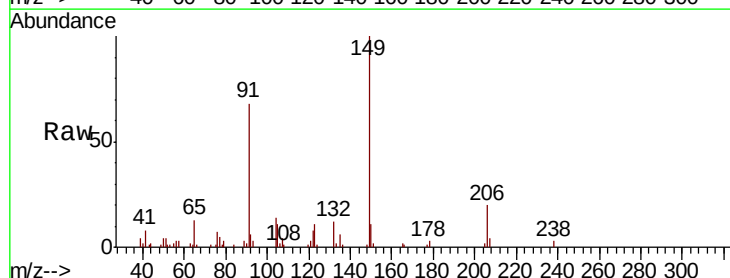
Tgt Ion:149 Resp: 37797

Ion Ratio Lower Upper

149 100

91 68.0 57.2 85.8

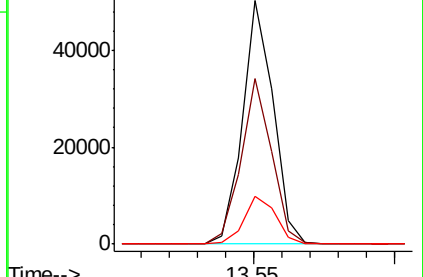
206 19.6 15.7 23.5

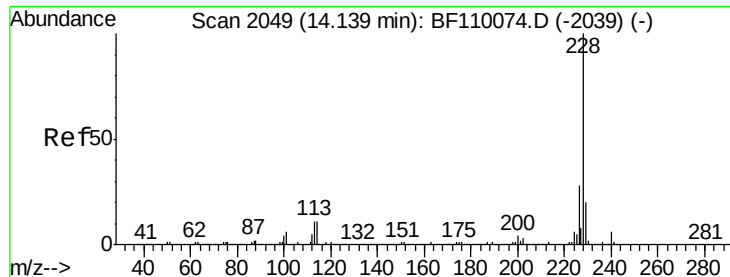


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.334 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

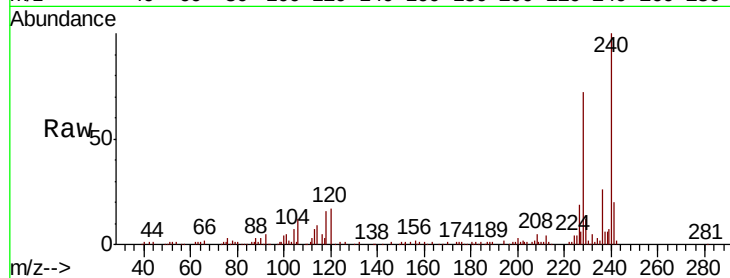
Tot Ion:228 Resp: 88171

Ion Ratio Lower Upper

228 100

226 26.2 22.1 33.1

229 16.6 15.6 23.4

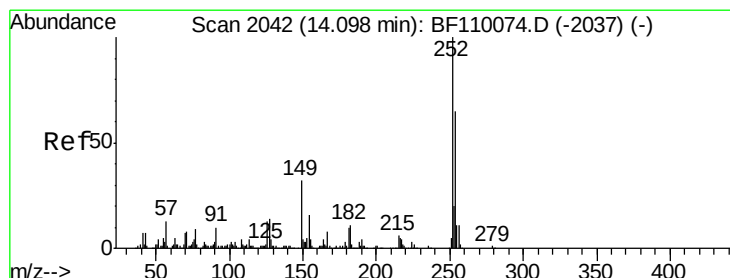
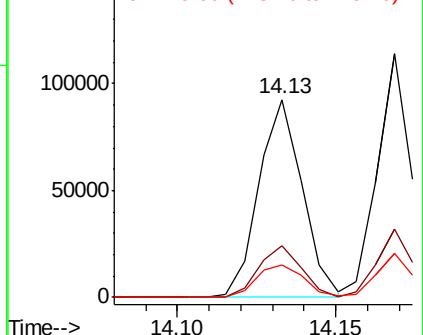
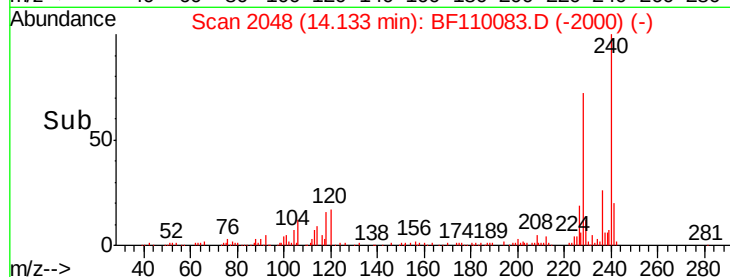


Abundance

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: 1.531 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

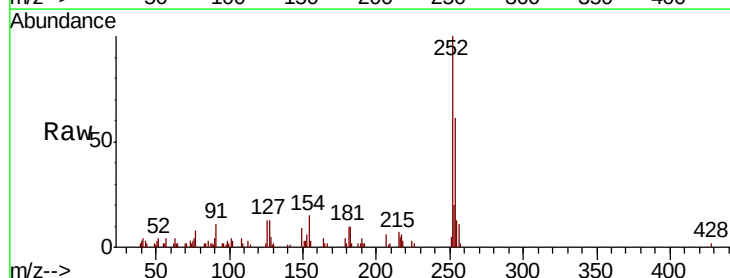
Tgt Ion:252 Resp: 20145

Ion Ratio Lower Upper

252 100

254 61.1 51.3 76.9

126 12.5 9.4 14.2

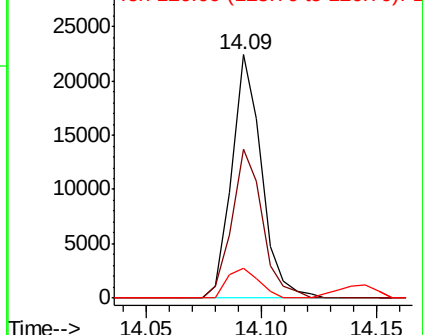
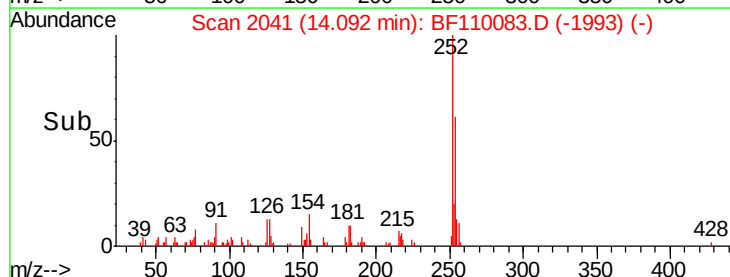


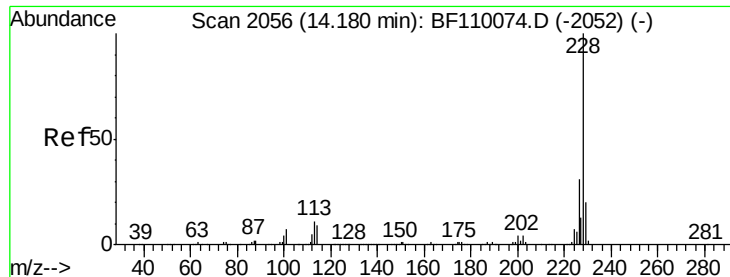
Abundance

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: 2.379 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

Instrument :

BNA_F

ClientSampleId :

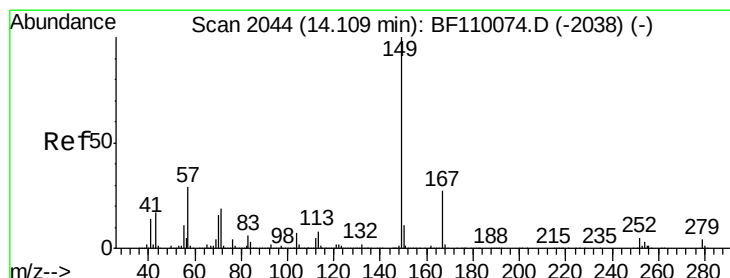
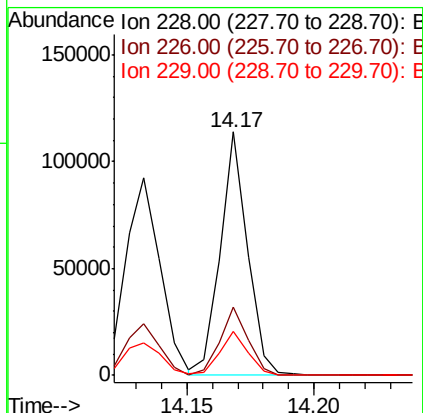
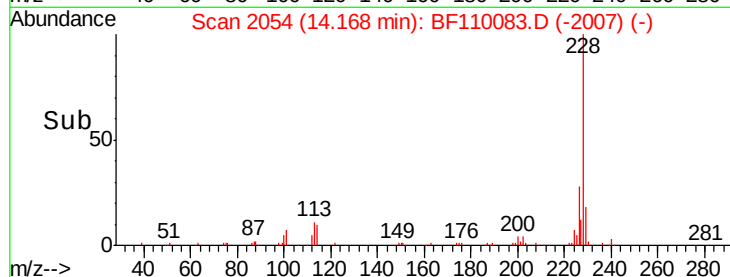
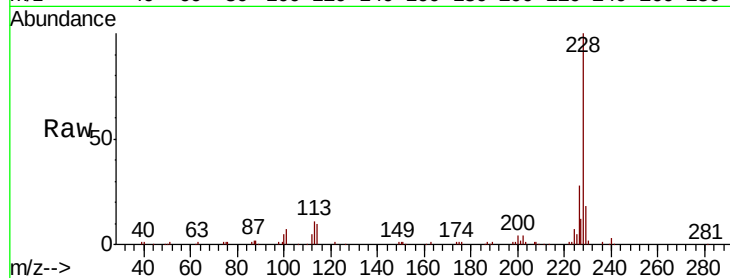
Tot Ion:228 Resp: 85357

Ion Ratio Lower Upper

228 100

226 27.8 24.7 37.1

229 18.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.089 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BF110083.D

Acq: 23 Oct 2018 17:52

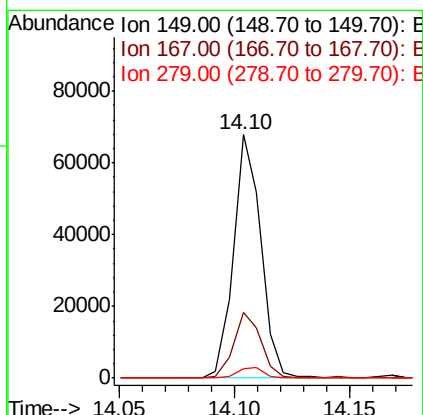
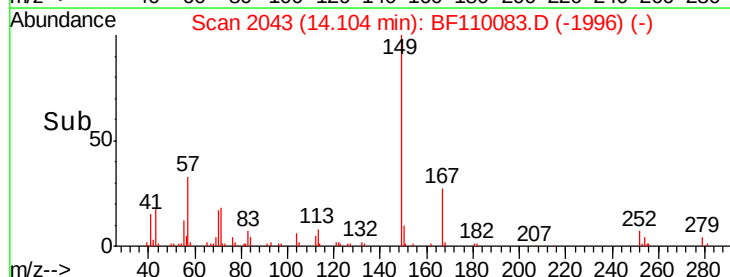
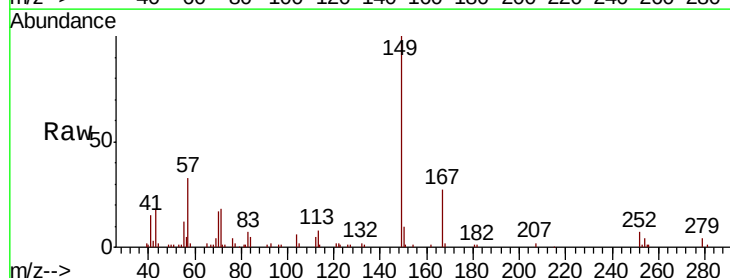
Tgt Ion:149 Resp: 55978

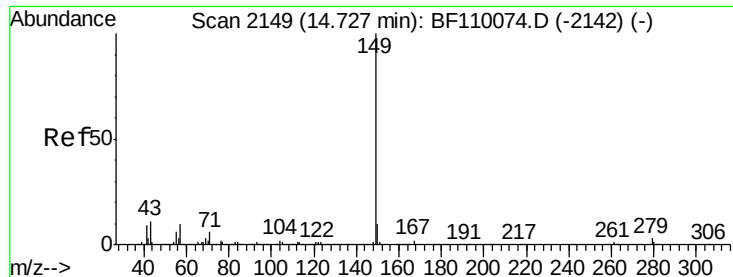
Ion Ratio Lower Upper

149 100

167 26.8 19.8 29.8

279 3.8 2.7 4.1

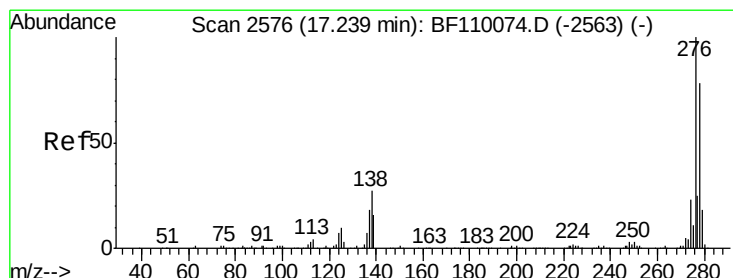
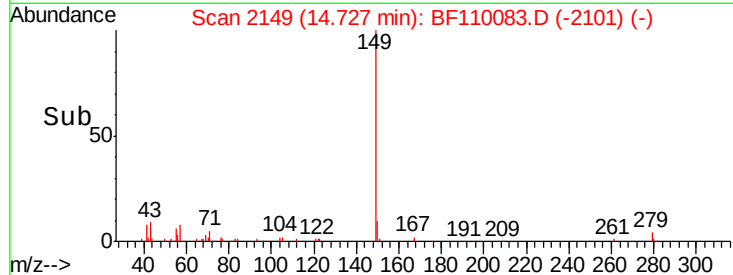
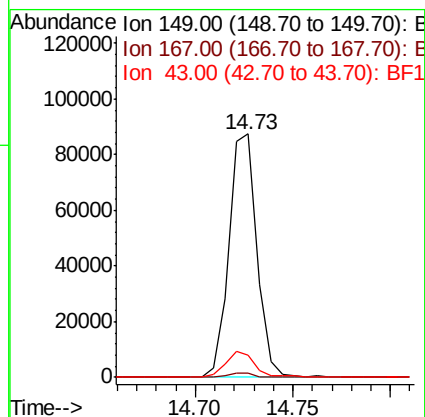
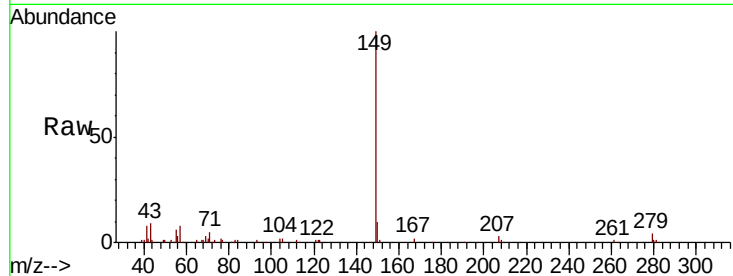




#85
Di-n-octyl phthalate
Concen: 2.075 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

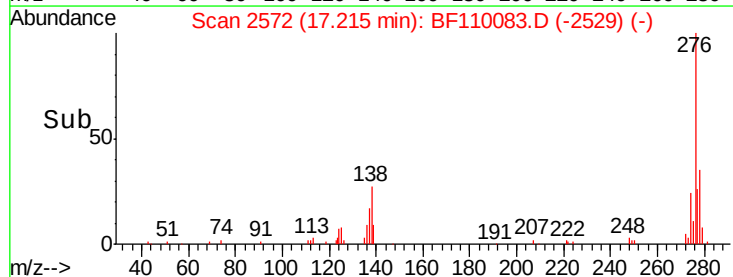
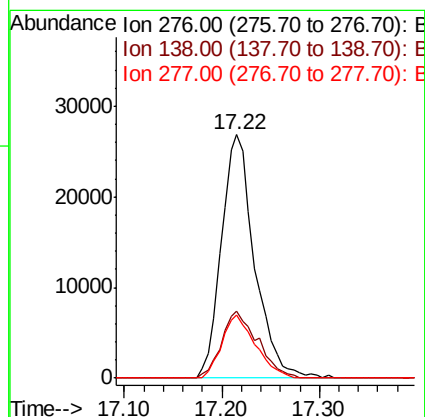
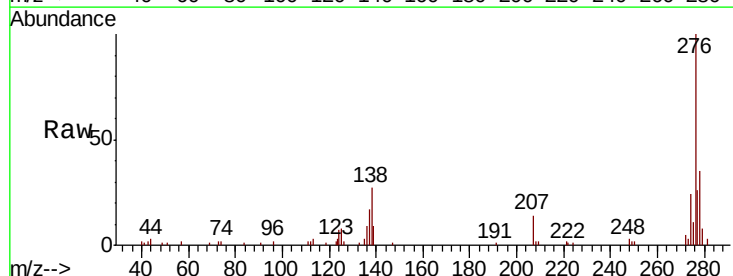
Instrument :
BNA_F
ClientSampleId :

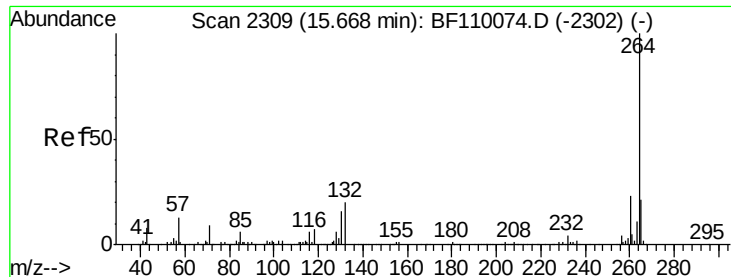
Tot Ion:149 Resp: 86447
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 11.6 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.126 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.05 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion:276 Resp: 63269
Ion Ratio Lower Upper
276 100
138 29.8 18.5 27.7#
277 26.2 20.0 30.0

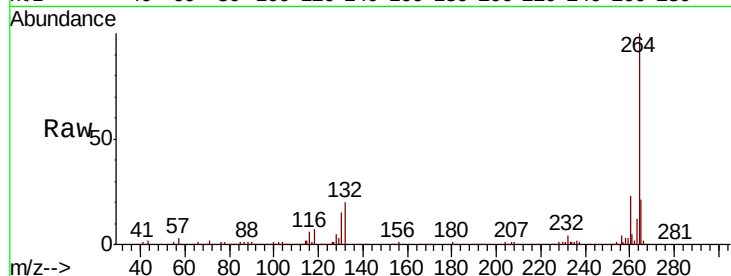




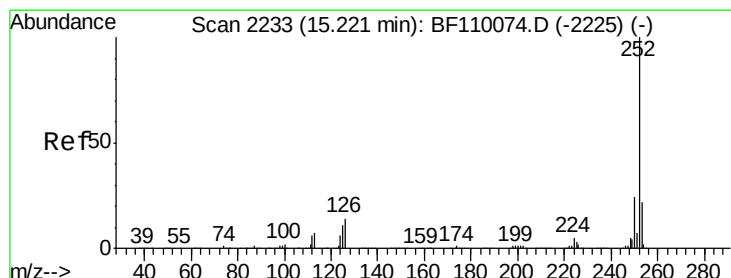
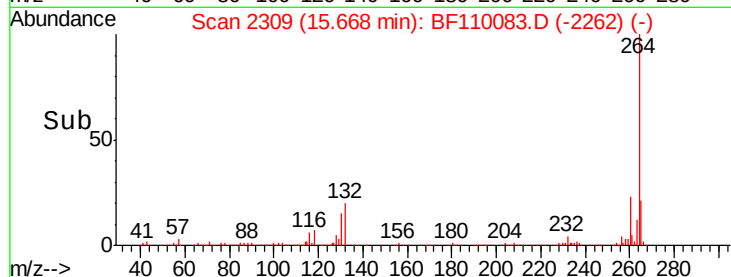
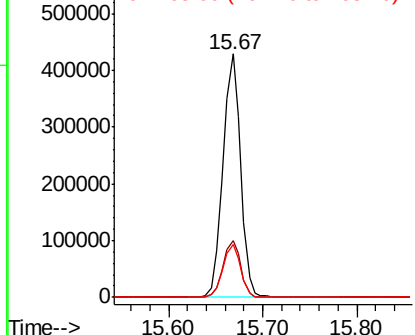
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 559754
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.5 16.7 25.1

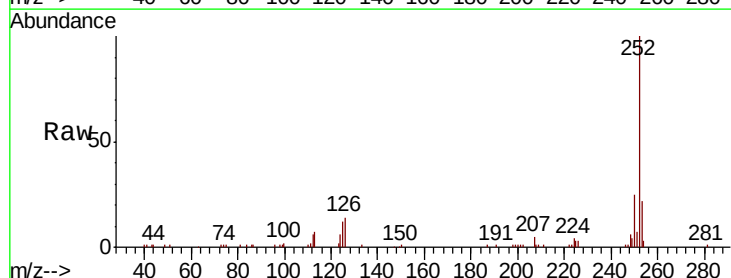


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

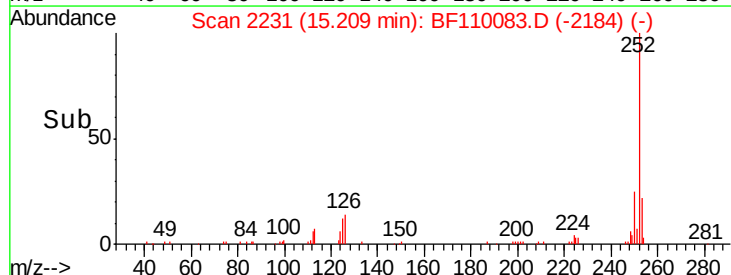
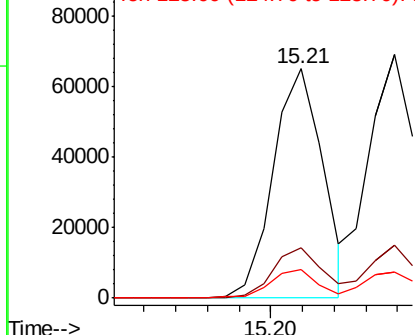


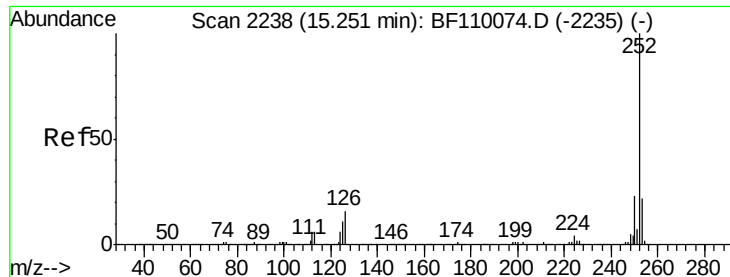
#88
Benzo(b)fluoranthene
Concen: 2.202 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion:252 Resp: 71179
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 12.2 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

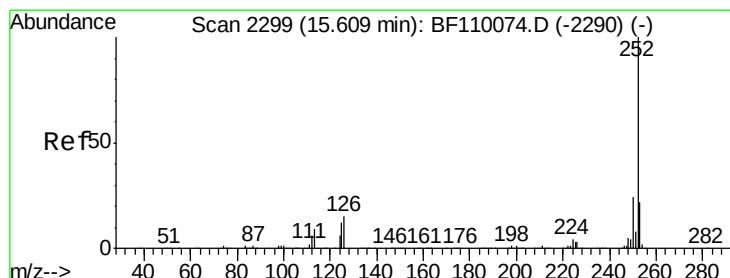
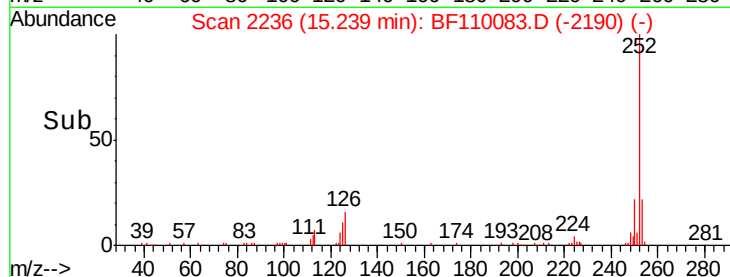
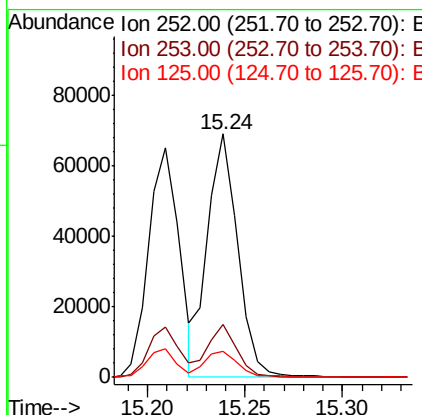
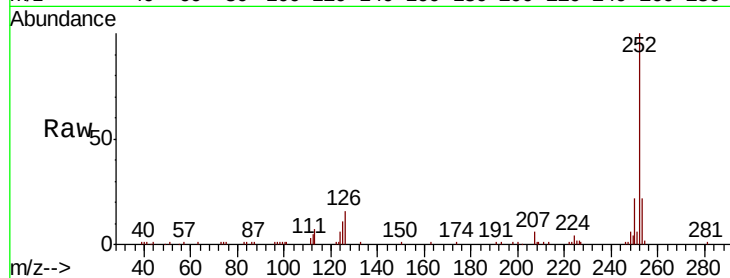




#89
Benzo(k)fluoranthene
Concen: 2.360 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

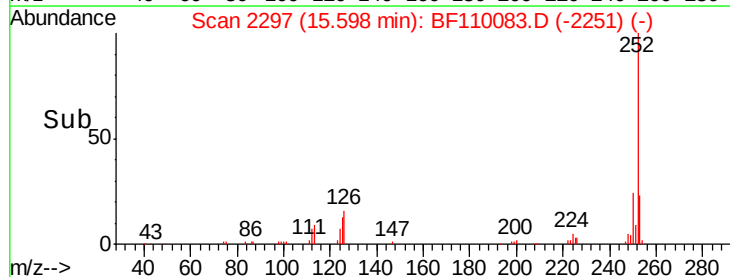
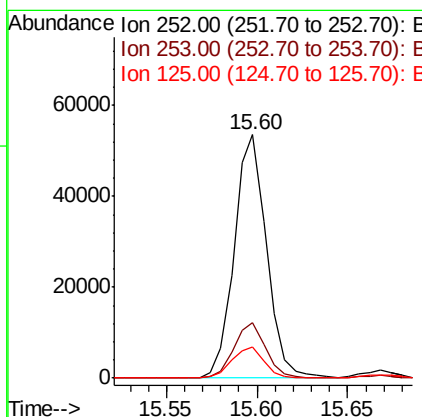
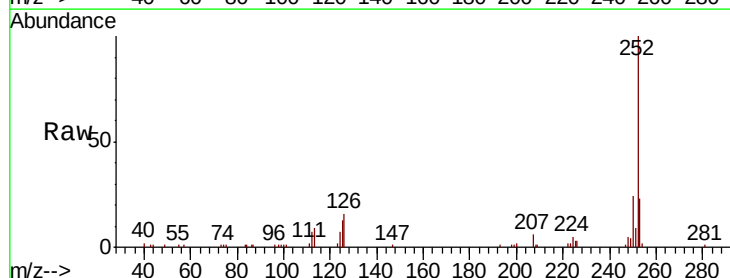
Instrument :
BNA_F
ClientSampleId :

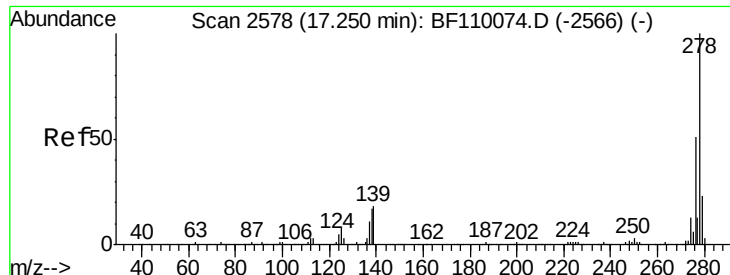
Tot Ion:252 Resp: 74986
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 2.230 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion:252 Resp: 66322
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 12.7 9.0 13.6

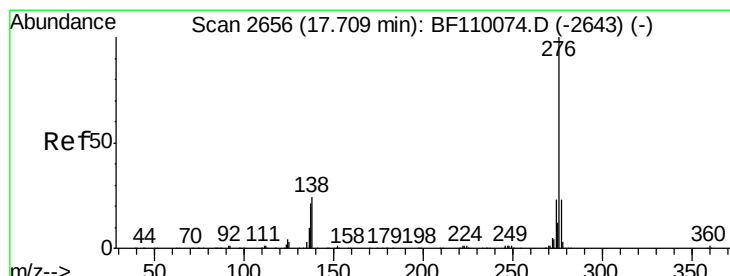
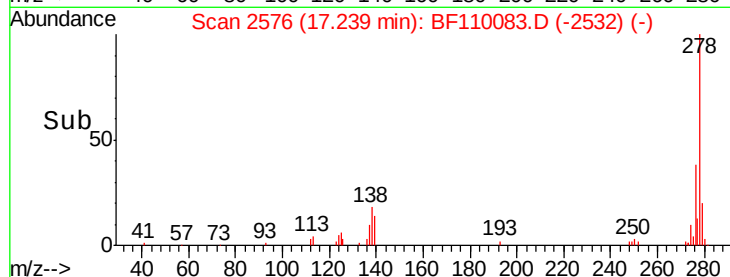
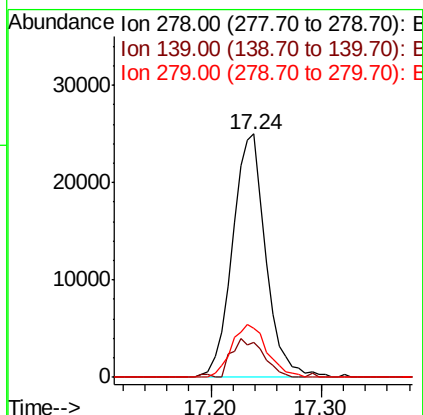
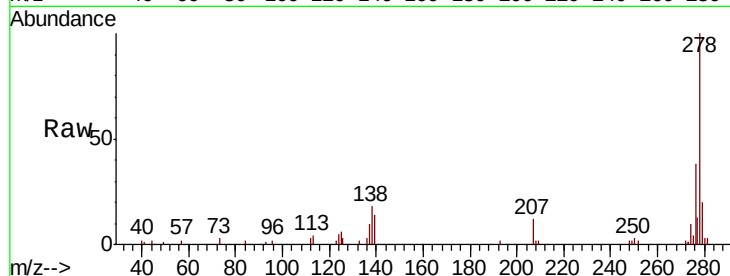




#91
Dibenzo(a,h)anthracene
Concen: 2.060 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.04 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 52862
Ion Ratio Lower Upper
278 100
139 14.2 12.7 19.1
279 20.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 1.995 ng
RT: 17.69 min Scan# 2652
Delta R.T. -0.05 min
Lab File: BF110083.D
Acq: 23 Oct 2018 17:52

Tgt Ion:276 Resp: 50446
Ion Ratio Lower Upper
276 100
277 22.1 18.8 28.2
138 27.4 16.0 24.0#

