

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110094.D
 Acq On : 23 Oct 2018 22:54
 Operator : JU/SJ
 Sample : J5164-07
 Misc : LOD 8PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:57:21 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	187466	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	790563	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	390345	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	742895	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	634110	20.00	ng	-0.02
87) Perylene-d12	15.67	264	539976	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1256259	109.13	ng	-0.02
7) Phenol-d6	6.59	99	1571701	106.74	ng	-0.02
23) Nitrobenzene-d5	7.53	82	960045	72.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	417771	108.05	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	1755681	70.63	ng	-0.02
79) Terphenyl-d14	13.09	244	1839758	60.34	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.83	88	34099	5.654	ng	88
3) Pyridine	3.65	79	90678	6.750	ng	88
4) n-Nitrosodimethylamine	3.55	42	41877	7.441	ng	# 98
6) Aniline	6.63	93	125475	6.542	ng	# 53
8) 2-Chlorophenol	6.75	128	93967	7.080	ng	94
9) Benzaldehyde	6.52	77	66320	5.653	ng	95
10) Phenol	6.60	94	110012	6.990	ng	# 60
11) bis(2-Chloroethyl)ether	6.69	93	91205	7.043	ng	92
12) 1,3-Dichlorobenzene	6.90	146	104125	7.129	ng	95
13) 1,4-Dichlorobenzene	6.98	146	106170	7.187	ng	99
14) 1,2-Dichlorobenzene	7.13	146	98071	7.152	ng	99
15) Benzyl Alcohol	7.10	79	91512	8.081	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.23	45	148232	7.159	ng	68
17) 2-Methylphenol	7.20	107	78023	7.376	ng	# 82
18) Hexachloroethane	7.47	117	37847	6.998	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	67508	7.146	ng	94
20) 3+4-Methylphenols	7.35	107	102435	7.492	ng	# 86
22) Acetophenone	7.36	105	138998	7.630	ng	# 97
24) Nitrobenzene	7.55	77	101557	7.380	ng	91
25) Isophorone	7.77	82	179198	7.887	ng	98
26) 2-Nitrophenol	7.86	139	42021	6.417	ng	98
27) 2,4-Dimethylphenol	7.89	122	83383	7.680	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	116001	7.516	ng	98
29) 2,4-Dichlorophenol	8.09	162	77911	7.103	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	86825	7.067	ng	96
31) Naphthalene	8.27	128	292722	8.034	ng	99
32) Benzoic acid	7.95	122	33283	3.966	ng	91
33) 4-Chloroaniline	8.31	127	99492	6.067	ng	99
34) Hexachlorobutadiene	8.38	225	47379	6.945	ng	99
35) Caprolactam	8.65	113	24534	6.418	ng	# 83
36) 4-Chloro-3-methylphenol	8.78	107	83912	7.075	ng	93
37) 2-Methylnaphthalene	8.96	142	197566	8.195	ng	98
38) 1-Methylnaphthalene	9.06	142	187892	8.065	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	81778	6.724	ng	99

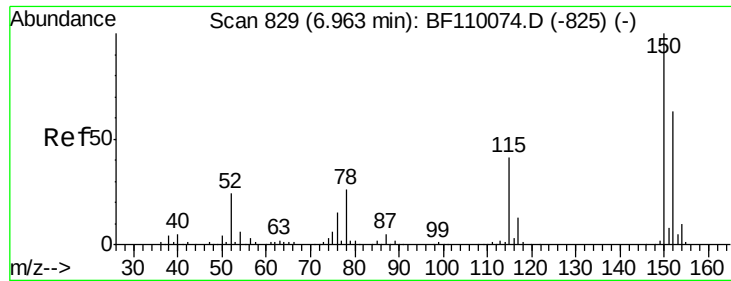
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110094.D
 Acq On : 23 Oct 2018 22:54
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	43578	7.007	ng	98
43) 2,4,6-Trichlorophenol	9.23	196	51953	6.623	ng	96
44) 2,4,5-Trichlorophenol	9.27	196	57800	6.971	ng	# 95
46) 1,1'-Biphenyl	9.42	154	247234	7.004	ng	99
47) 2-Chloronaphthalene	9.45	162	186299	7.195	ng	99
48) 2-Nitroaniline	9.54	65	53758	6.851	ng	97
49) Acenaphthylene	9.87	152	287981	7.700	ng	100
50) Dimethylphthalate	9.72	163	212358	7.370	ng	99
51) 2,6-Dinitrotoluene	9.78	165	44867	7.229	ng	95
52) Acenaphthene	10.04	154	185430	7.495	ng	98
53) 3-Nitroaniline	9.95	138	44579	6.040	ng	92
54) 2,4-Dinitrophenol	10.06	184	9949	8.953	ng	90
55) Dibenzofuran	10.21	168	259117	7.480	ng	96
56) 4-Nitrophenol	10.10	139	37452	6.856	ng	97
57) 2,4-Dinitrotoluene	10.19	165	57459	7.288	ng	# 83
58) Fluorene	10.56	166	206564	8.013	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	49449	7.316	ng	95
60) Diethylphthalate	10.42	149	203746	7.244	ng	100
61) 4-Chlorophenyl-phenylether	10.55	204	98762	7.262	ng	95
62) 4-Nitroaniline	10.56	138	49367	6.725	ng	93
63) Azobenzene	10.70	77	206209	7.386	ng	99
65) 4,6-Dinitro-2-methylphenol	10.59	198	17294	5.095	ng	83
66) n-Nitrosodiphenylamine	10.66	169	179293	7.358	ng	98
67) 4-Bromophenyl-phenylether	11.04	248	57886	7.183	ng	97
68) Hexachlorobenzene	11.10	284	61532	7.197	ng	96
69) Atrazine	11.18	200	58622	7.613	ng	98
70) Pentachlorophenol	11.30	266	24307	4.875	ng	97
71) Phenanthrene	11.52	178	315877	8.126	ng	100
72) Anthracene	11.57	178	323074	8.292	ng	99
73) Carbazole	11.73	167	278568	7.322	ng	98
74) Di-n-butylphthalate	12.05	149	333173	7.754	ng	98
75) Fluoranthene	12.71	202	318495	8.073	ng	99
77) Benzidine	12.83	184	103387	3.977	ng	98
78) Pyrene	12.94	202	327758	7.210	ng	98
80) Butylbenzylphthalate	13.55	149	131198	6.649	ng	97
81) Benzo(a)anthracene	14.13	228	282864	7.522	ng	99
82) 3,3'-Dichlorobenzidine	14.09	252	70088	5.353	ng	98
83) Chrysene	14.17	228	269198	7.537	ng	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	186560	6.994	ng	97
85) Di-n-octyl phthalate	14.72	149	291629	7.031	ng	98
86) Indeno(1,2,3-cd)pyrene	17.21	276	209508	7.071	ng	# 95
88) Benzo(b)fluoranthene	15.21	252	236036	7.570	ng	99
89) Benzo(k)fluoranthene	15.24	252	237903	7.761	ng	100
90) Benzo(a)pyrene	15.60	252	218719	7.623	ng	98
91) Dibenzo(a,h)anthracene	17.23	278	175215	7.077	ng	98
92) Benzo(g,h,i)perylene	17.69	276	164688	6.751	ng	94

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

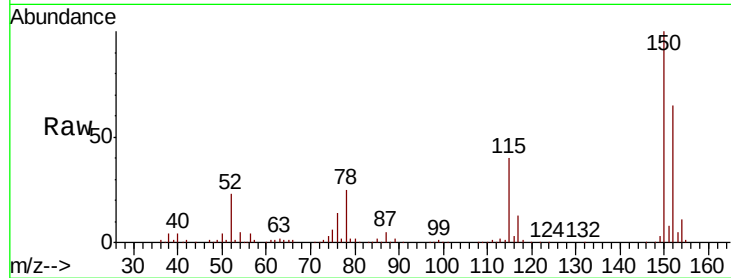


#1

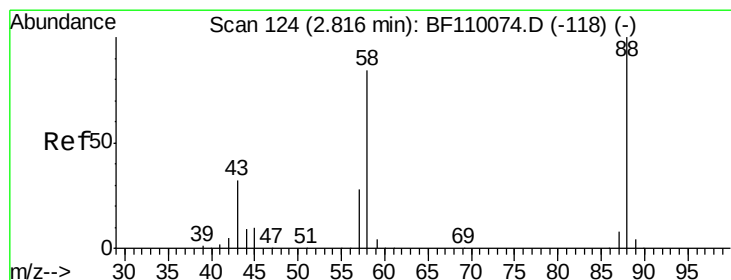
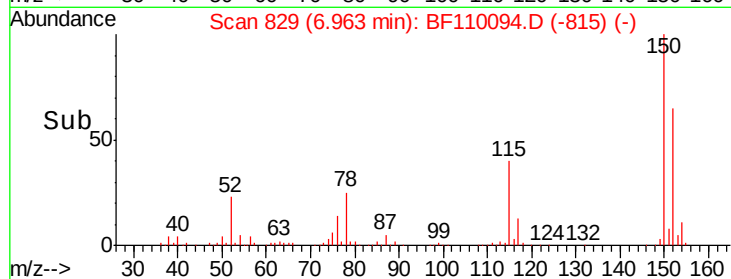
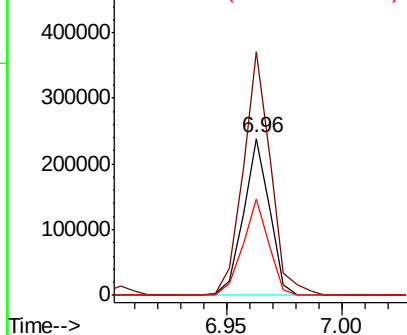
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 187466
Ion Ratio Lower Upper
152 100
150 155.0 122.7 184.1
115 61.7 49.1 73.7



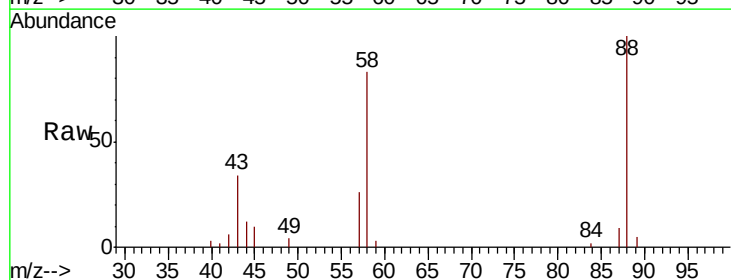
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



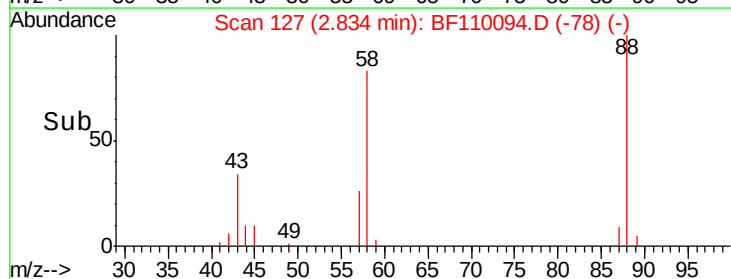
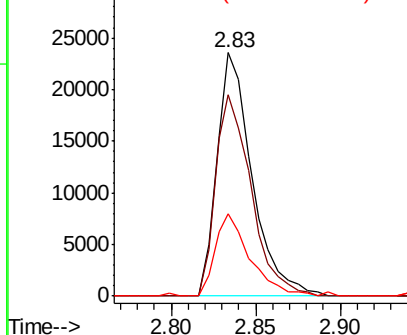
#2

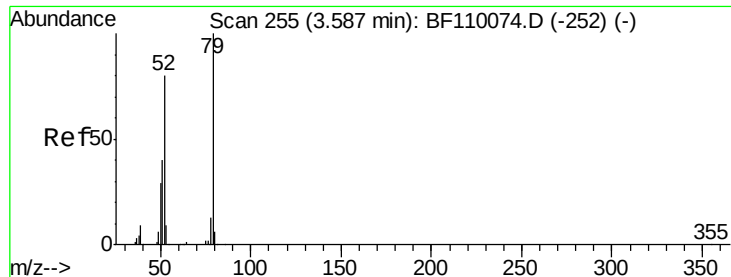
1,4-Dioxane
Concen: 5.654 ng
RT: 2.83 min Scan# 127
Delta R.T. -0.01 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion: 88 Resp: 34099
Ion Ratio Lower Upper
88 100
58 83.8 57.1 85.7
43 33.5 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 6.750 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.04 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampleId :

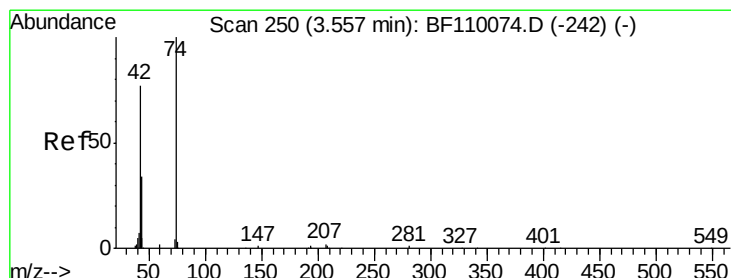
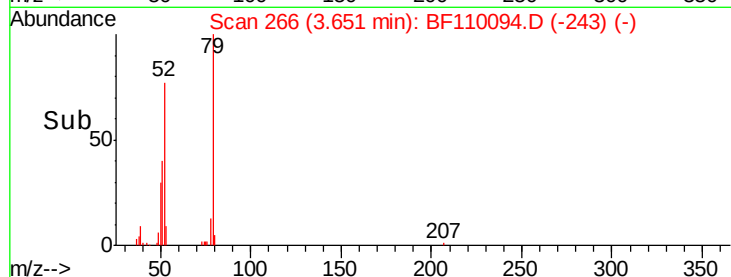
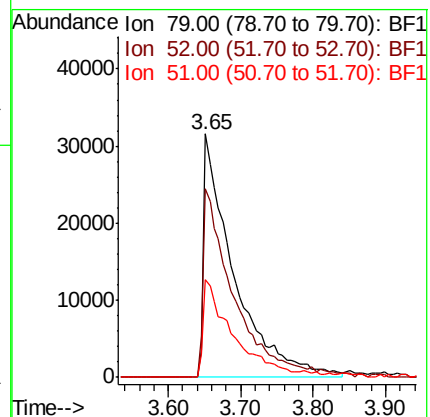
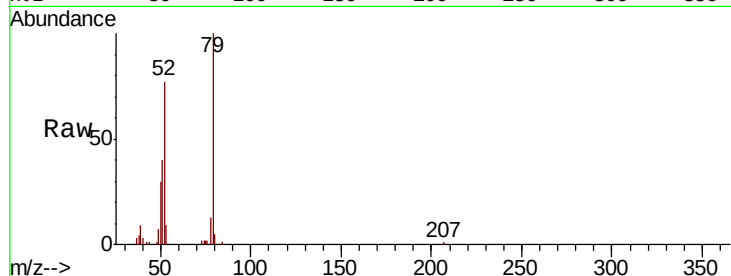
Tot Ion: 79 Resp: 90678

Ion Ratio Lower Upper

79 100

52 77.3 53.1 79.7

51 40.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 7.441 ng

RT: 3.55 min Scan# 249

Delta R.T. -0.03 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

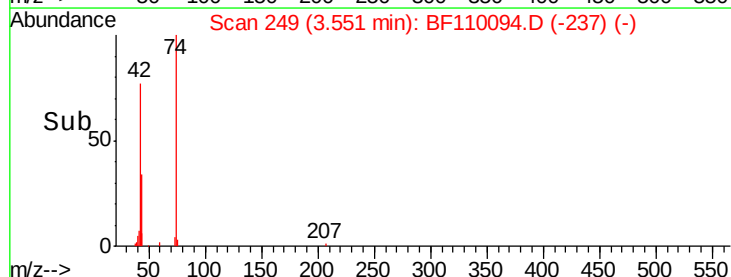
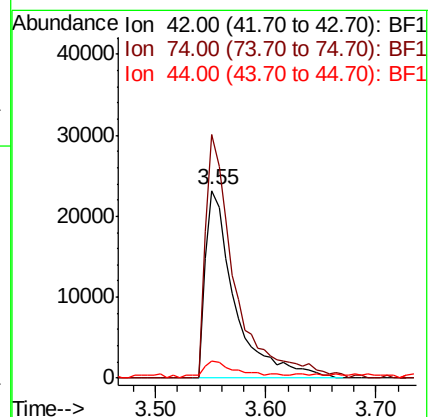
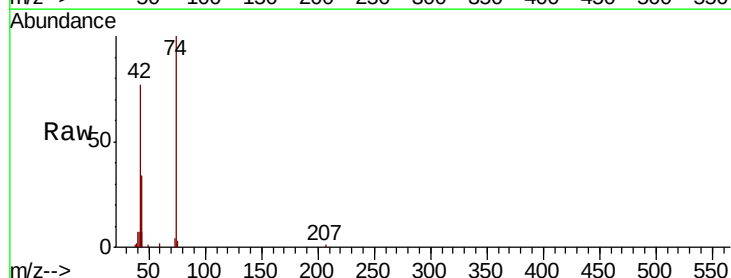
Tgt Ion: 42 Resp: 41877

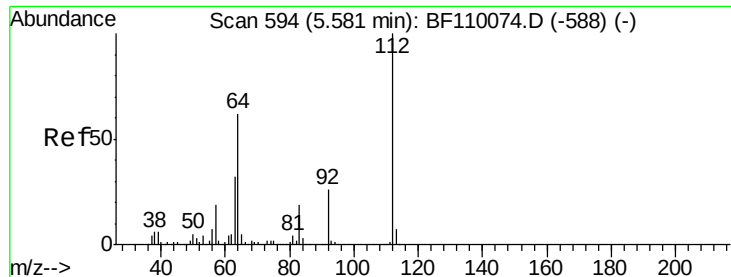
Ion Ratio Lower Upper

42 100

74 129.6 105.5 158.3

44 8.8 4.9 7.3#





#5

2-Fluorophenol

Concen: 109.127 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampled :

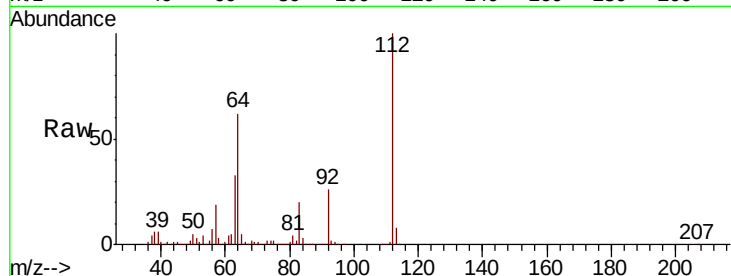
Tot Ion:112 Resp: 1256259

Ion Ratio Lower Upper

112 100

64 61.7 44.1 66.1

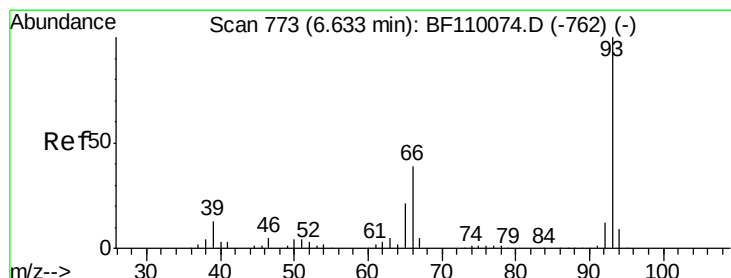
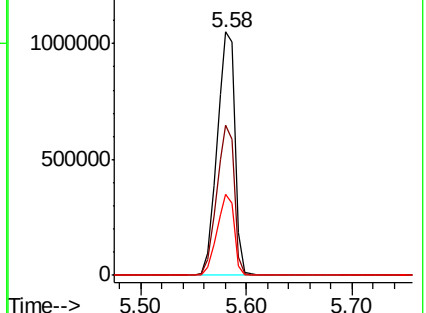
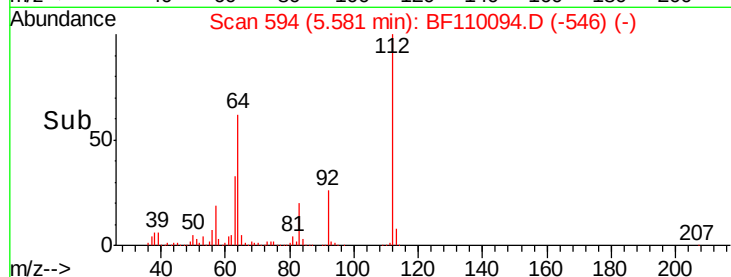
63 33.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.542 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

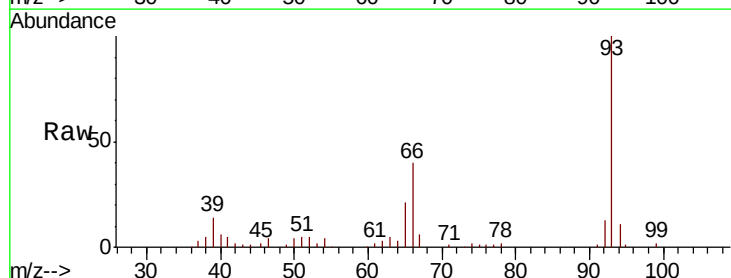
Tgt Ion: 93 Resp: 125475

Ion Ratio Lower Upper

93 100

66 40.2 67.4 101.0#

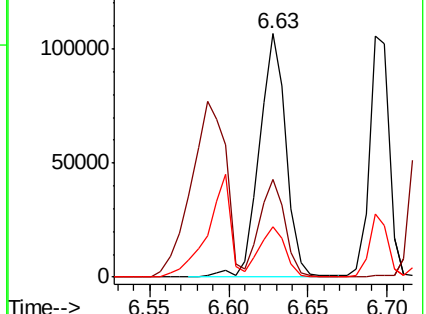
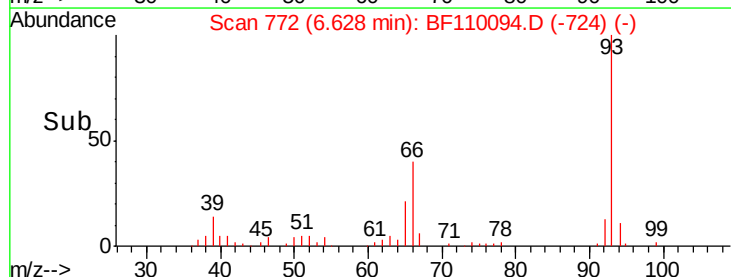
65 20.7 41.0 61.4#

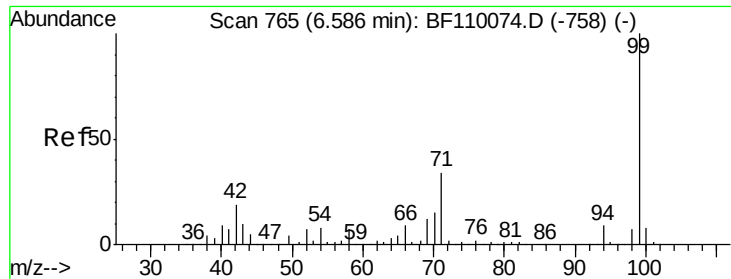


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.740 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

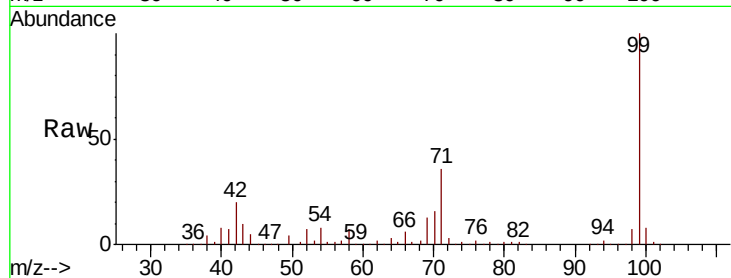
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1571701

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.8	23.6
71	35.8	28.0	42.0

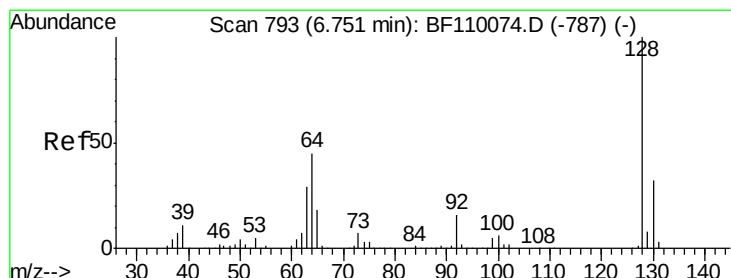
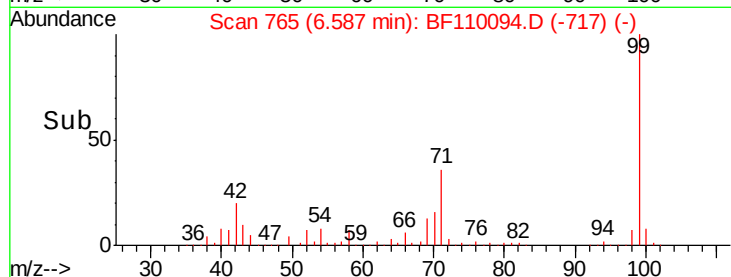
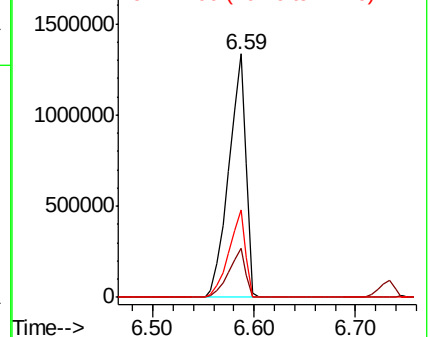


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 7.080 ng

RT: 6.75 min Scan# 792

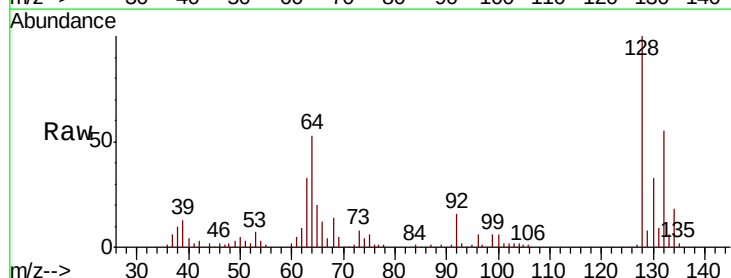
Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Tgt Ion: 128 Resp: 93967

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.1	53.1
64	52.7	26.0	66.0

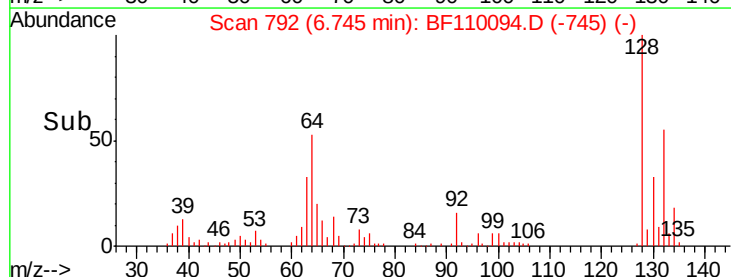
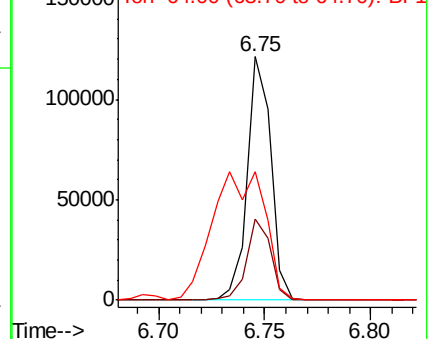


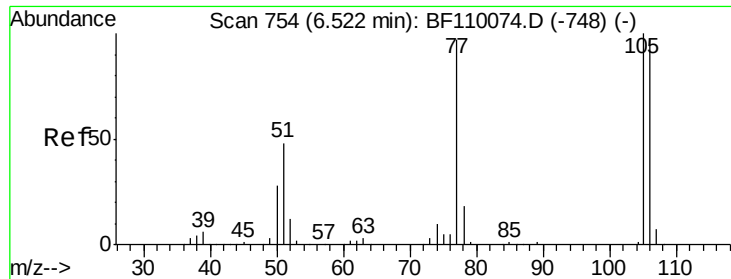
Abundance

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: 5.653 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampled :

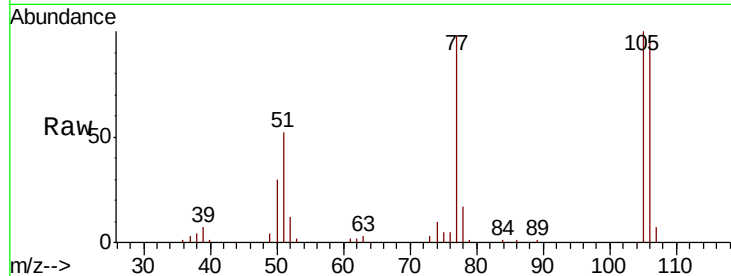
Tot Ion: 77 Resp: 66320

Ion Ratio Lower Upper

77 100

105 102.4 78.6 118.6

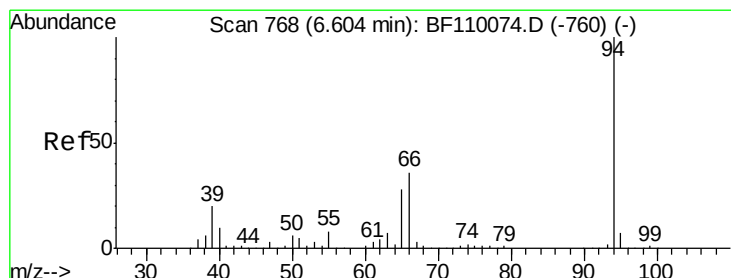
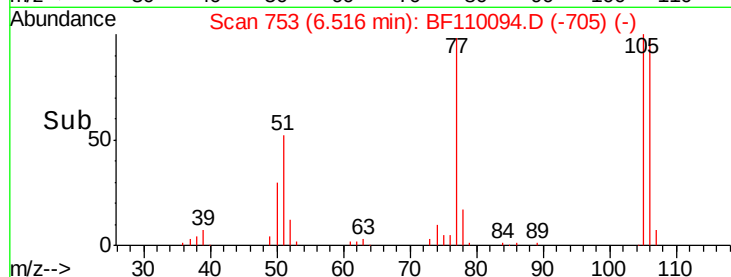
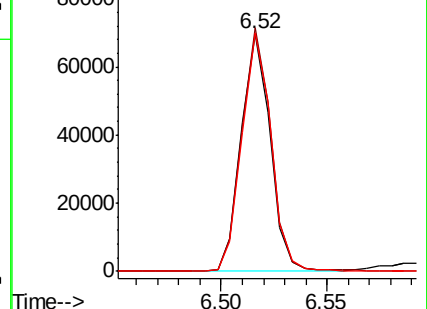
106 100.1 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 6.990 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

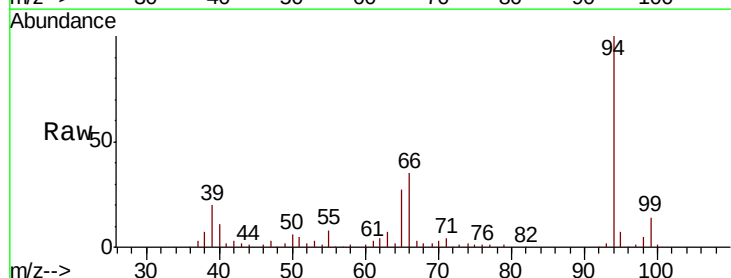
Tgt Ion: 94 Resp: 110012

Ion Ratio Lower Upper

94 100

65 27.2 25.3 65.3

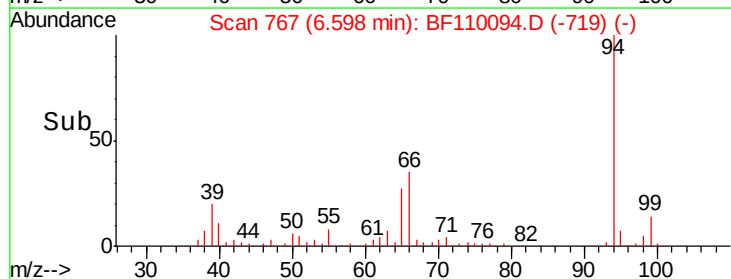
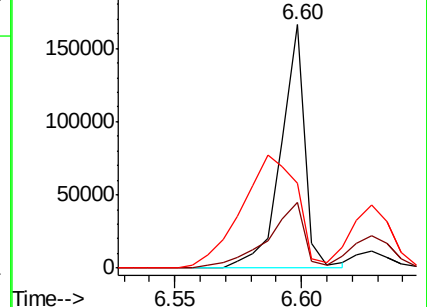
66 34.9 54.5 94.5#

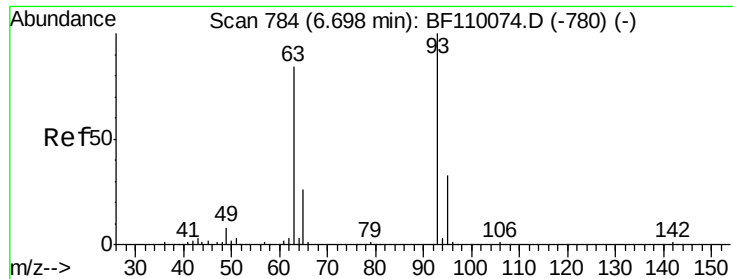


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

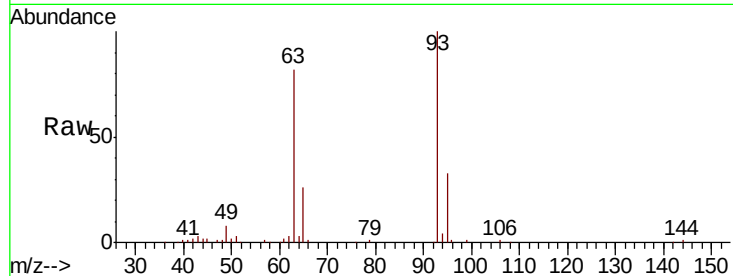




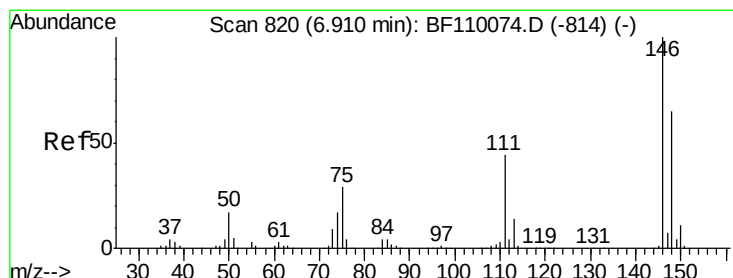
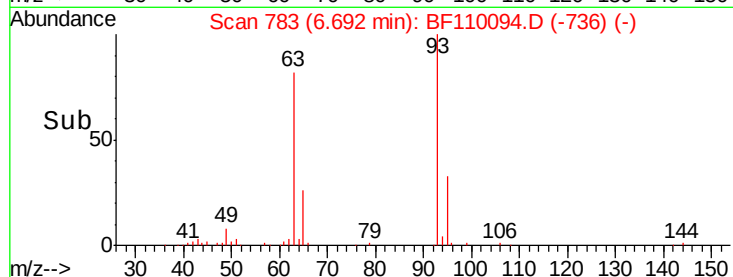
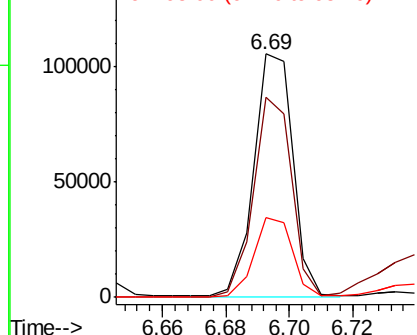
#11
bis(2-Chloroethyl)ether
Concen: 7.043 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.1	53.4	93.4
95	32.9	12.1	52.1

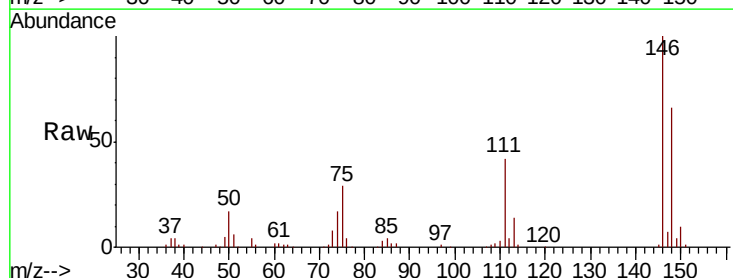


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

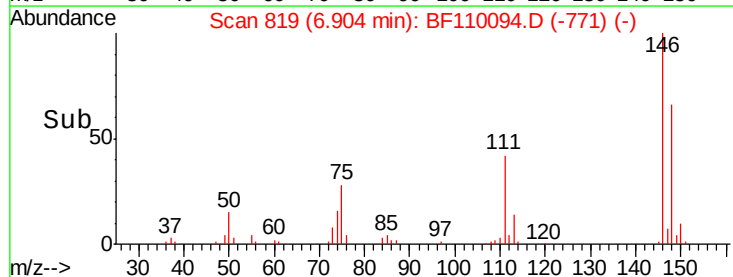
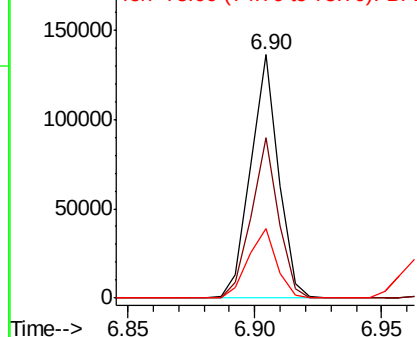


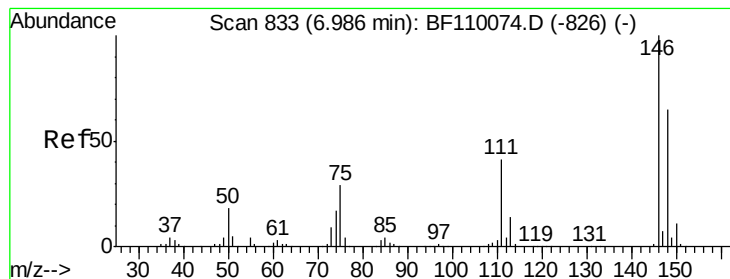
#12
1,3-Dichlorobenzene
Concen: 7.129 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.4	75.6
75	28.5	25.8	38.6



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





#13

1,4-Dichlorobenzene

Concen: 7.187 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampleId :

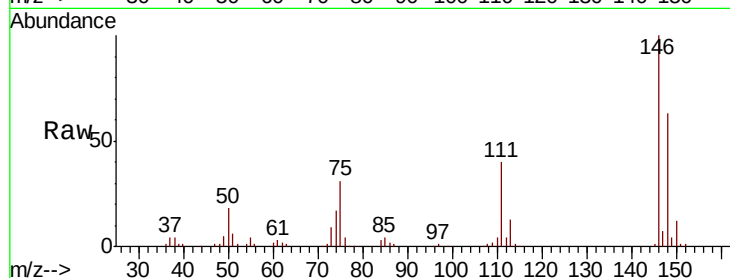
Tot Ion:146 Resp: 106170

Ion Ratio Lower Upper

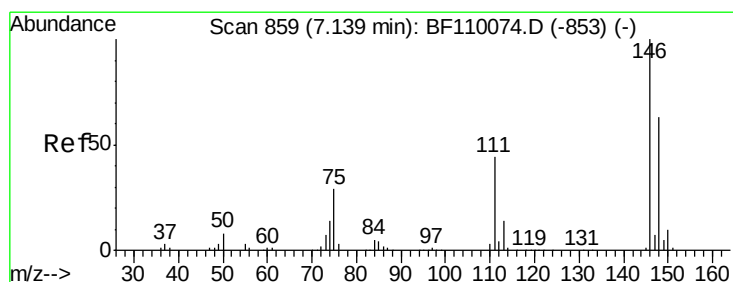
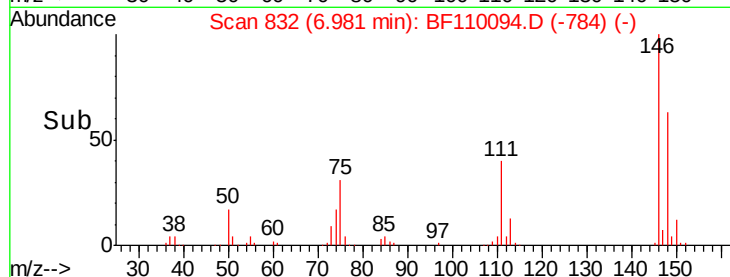
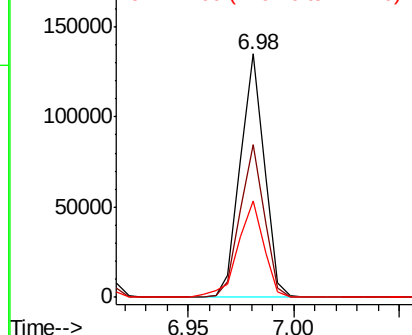
146 100

148 62.8 50.3 75.5

111 39.5 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: 7.152 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

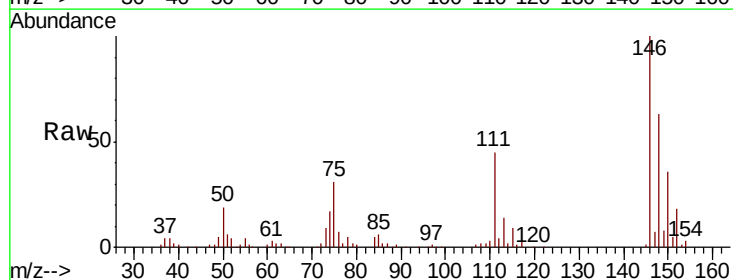
Tgt Ion:146 Resp: 98071

Ion Ratio Lower Upper

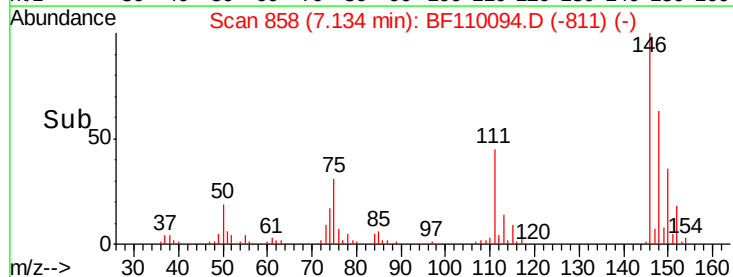
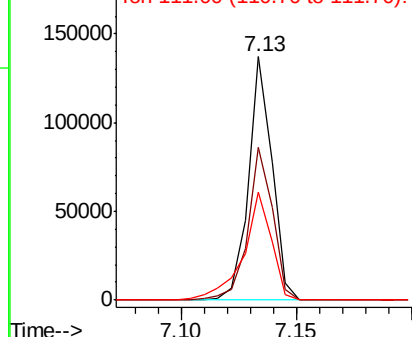
146 100

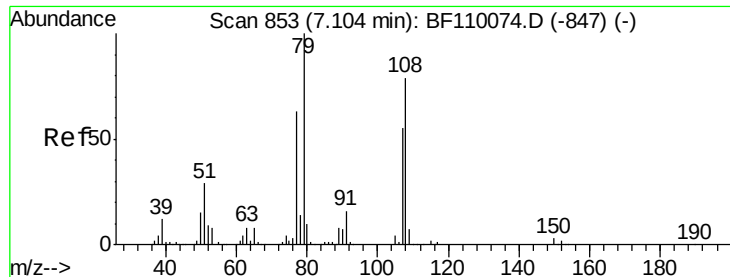
148 62.6 51.1 76.7

111 44.6 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: 8.081 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampleId :

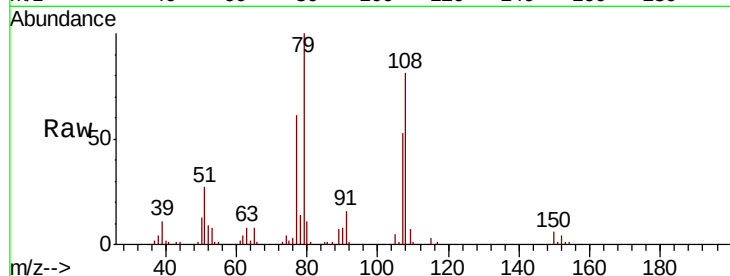
Tot Ion: 79 Resp: 91512

Ion Ratio Lower Upper

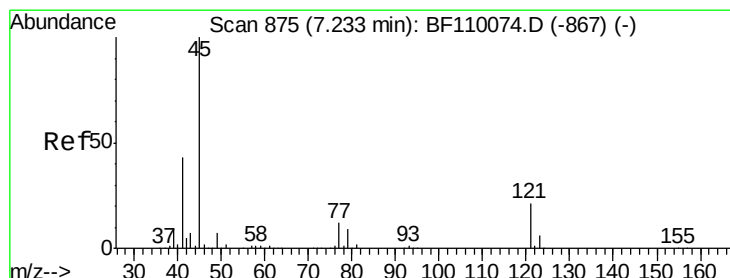
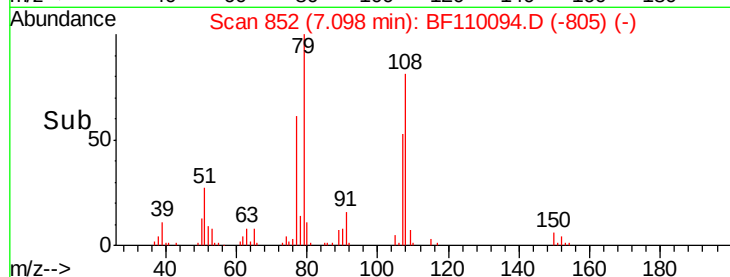
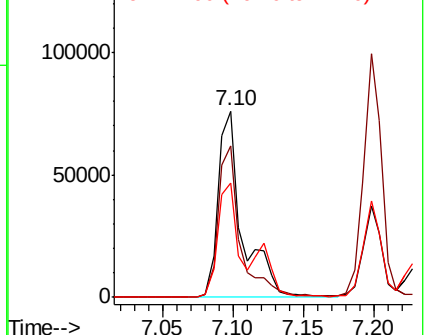
79 100

108 81.1 56.3 84.5

77 61.3 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.159 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

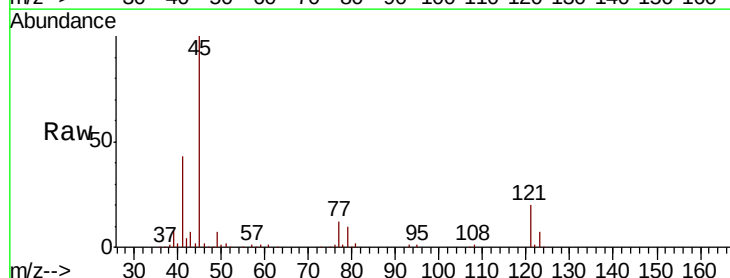
Tgt Ion: 45 Resp: 148232

Ion Ratio Lower Upper

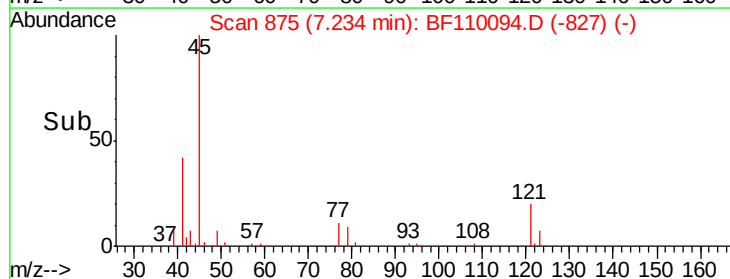
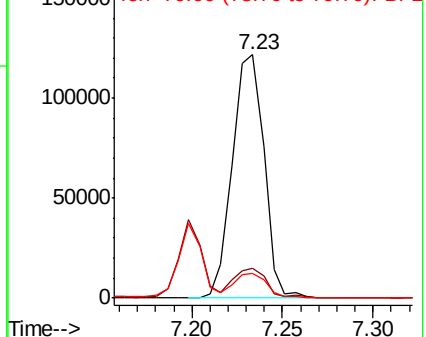
45 100

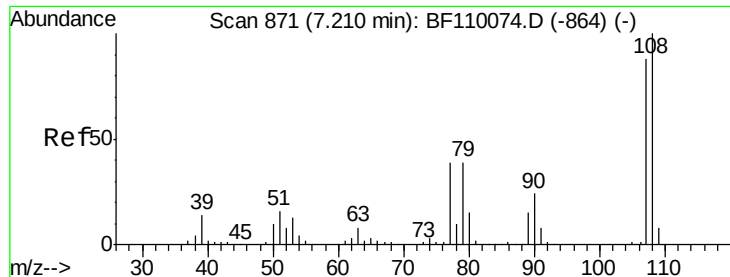
77 12.2 10.0 50.0

79 10.0 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

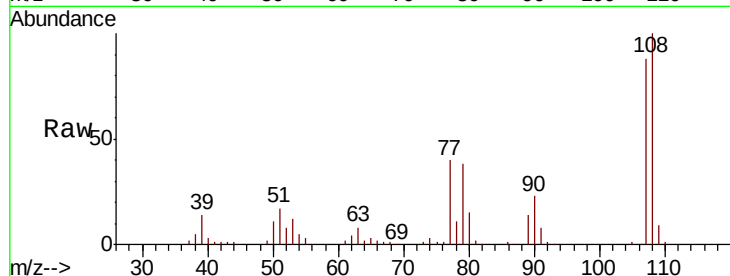




#17
2-Methylphenol
Concen: 7.376 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	92.6	138.8
77	45.2	59.4	89.2
79	43.1	54.0	81.0



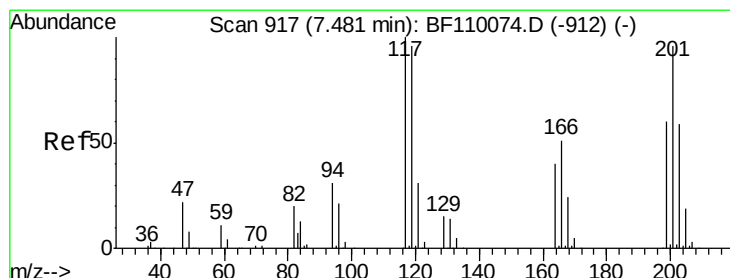
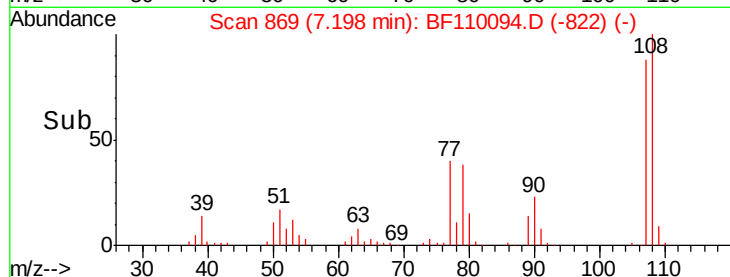
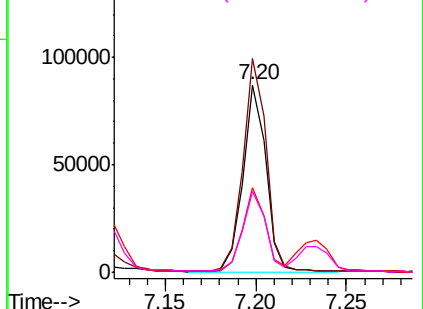
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

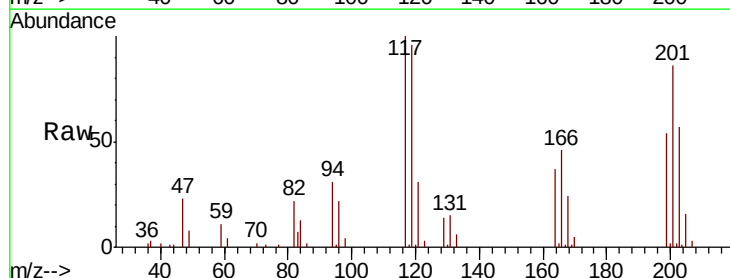
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 6.998 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.0	112.6
201	86.3	79.2	118.8

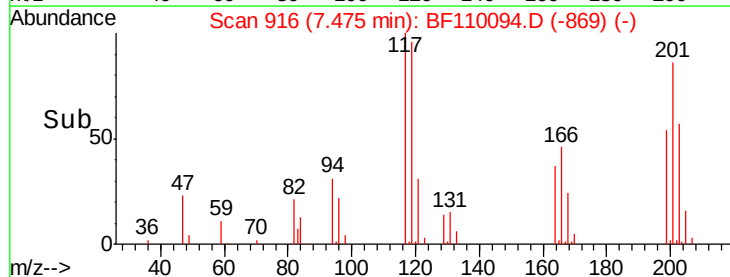
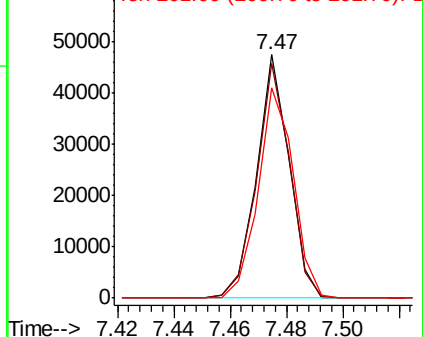


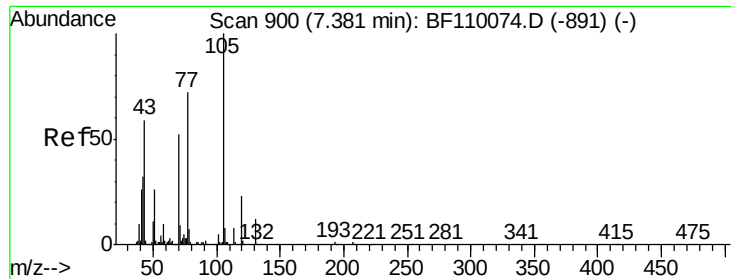
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

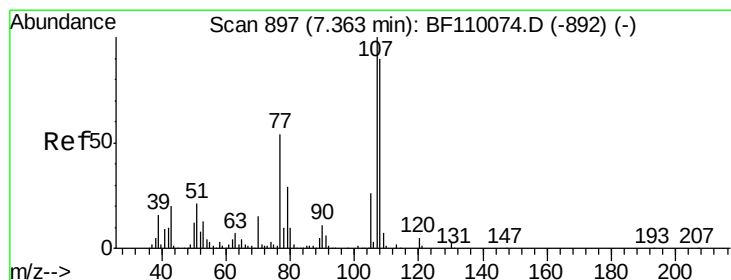
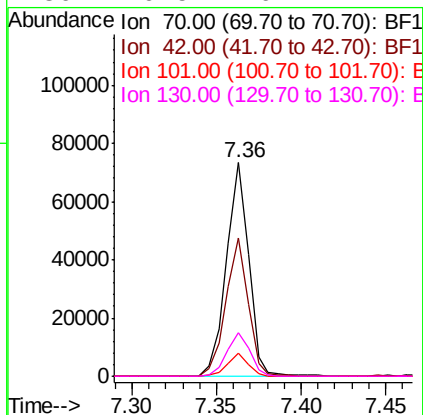
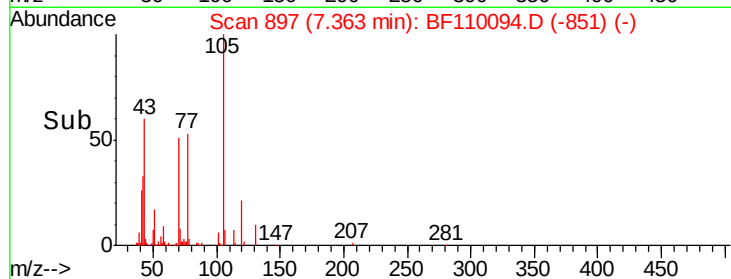
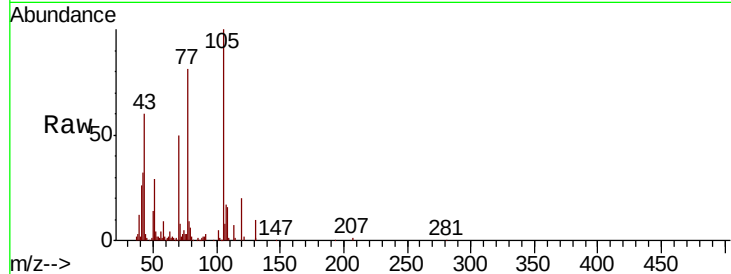




#19
n-Nitroso-di-n-propylamine
Concen: 7.146 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

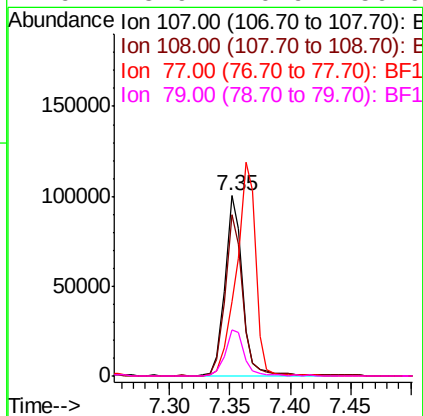
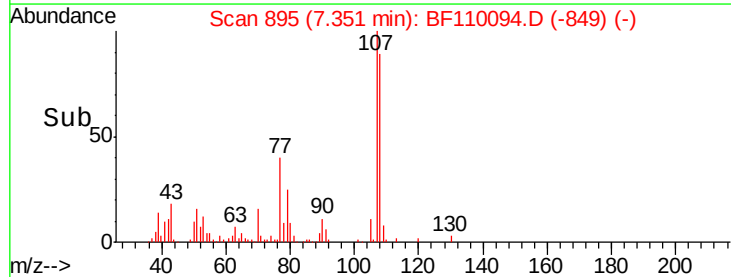
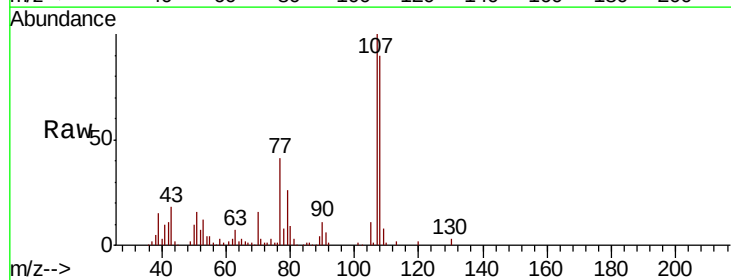
Instrument :
BNA_F
ClientSampleId :

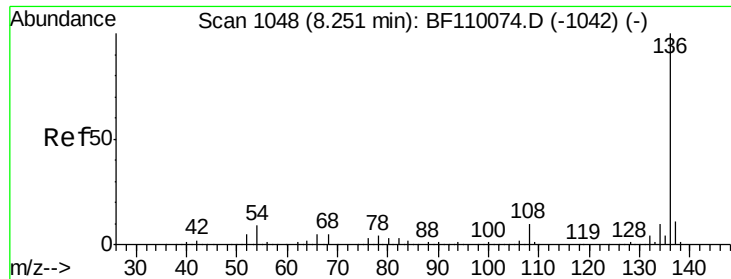
Tot Ion:	70	Resp:	67508
Ion	Ratio	Lower	Upper
70	100		
42	64.9	47.4	71.2
101	10.9	7.3	10.9
130	20.5	16.2	24.2



#20
3+4-Methylphenols
Concen: 7.492 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:	107	Resp:	102435
Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	40.9	47.3	87.3#
79	25.9	10.9	50.9

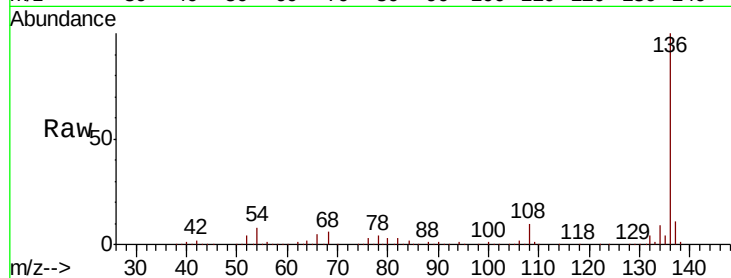




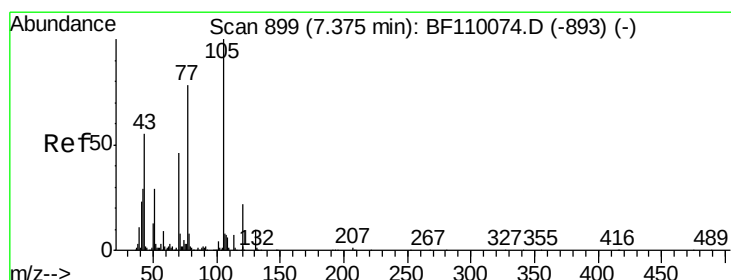
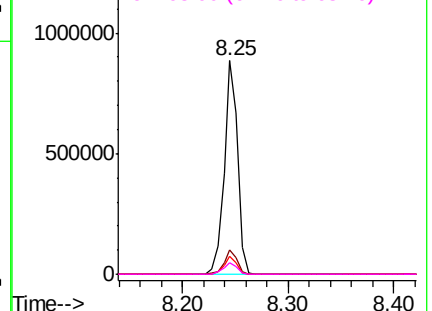
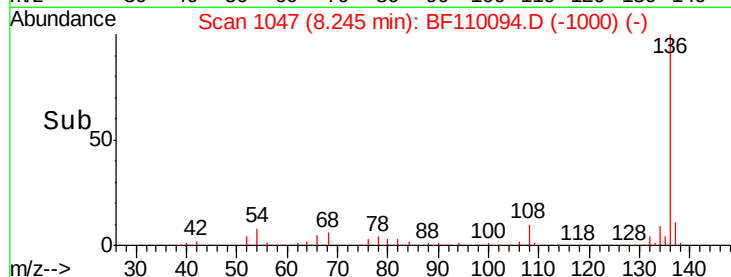
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	790563
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	8.5	5.4 8.2#
68	5.6	4.2 6.2

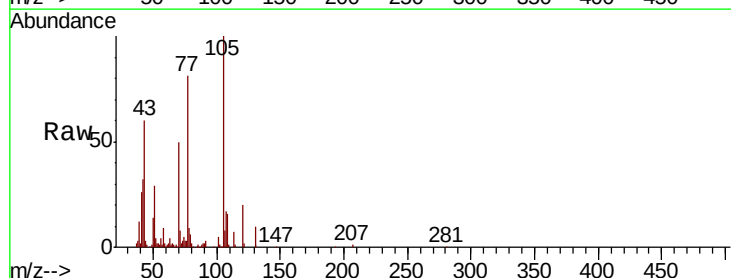


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

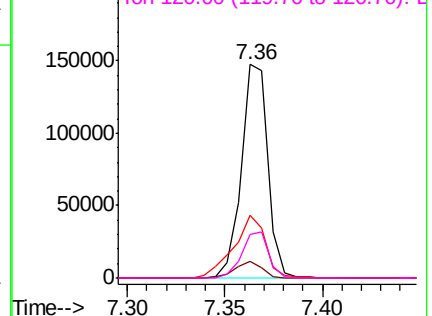
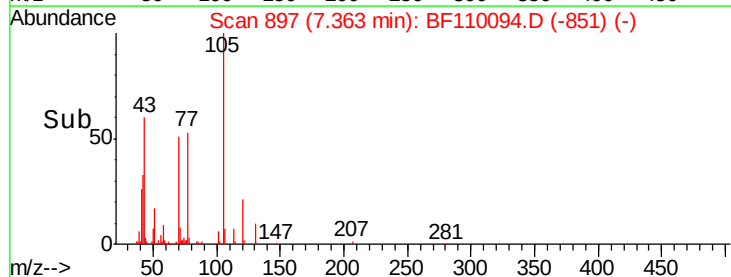


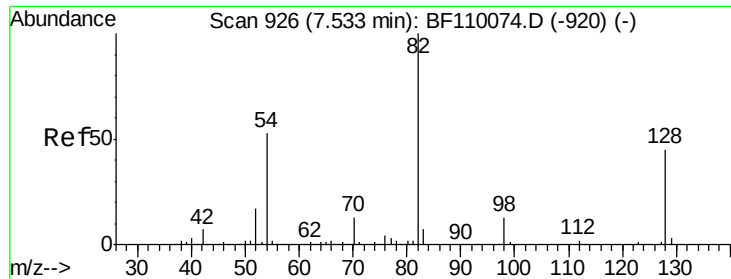
#22
Acetophenone
Concen: 7.630 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:105	Resp:	138998
Ion Ratio	Lower	Upper
105	100	
71	8.0	5.2 7.8#
51	29.4	21.8 32.8
120	20.3	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

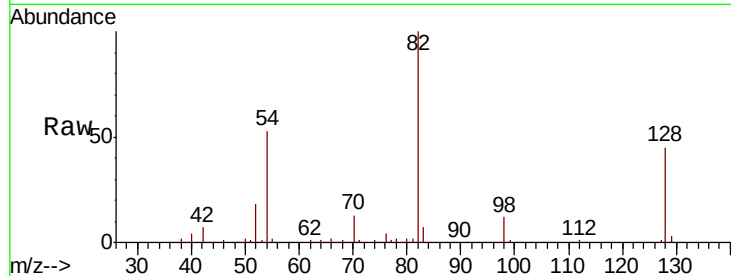




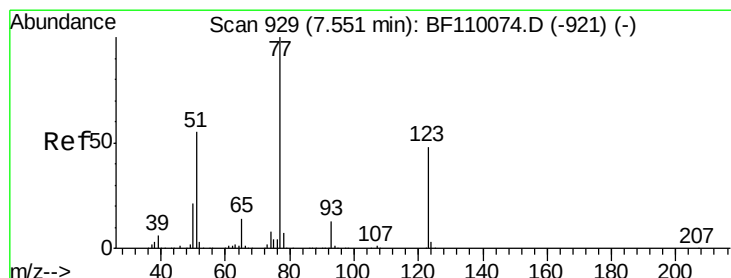
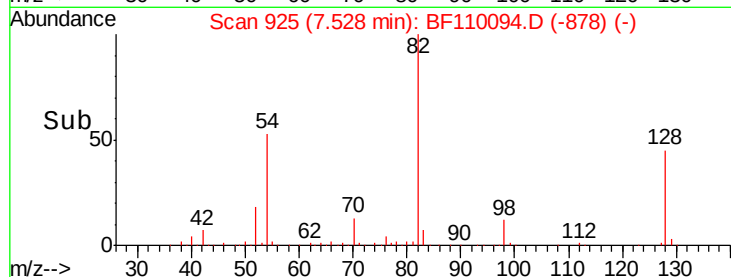
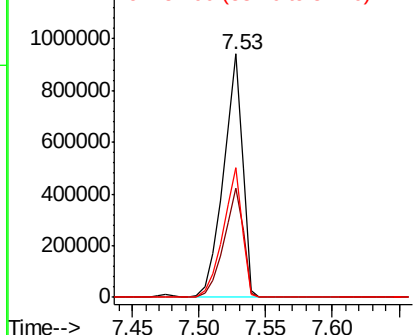
#23
 Nitrobenzene-d5
 Concen: 72.029 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	960045
Ion Ratio	100	Lower	Upper
128	44.8	34.2	51.2
54	53.2	38.6	58.0

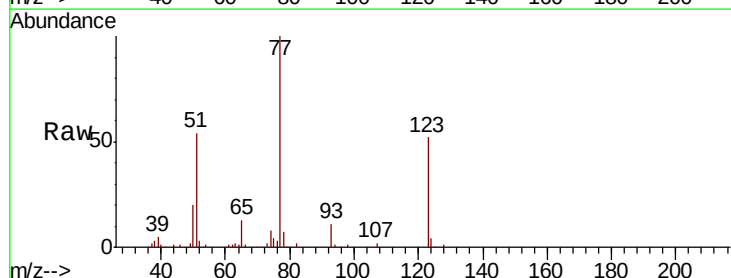


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

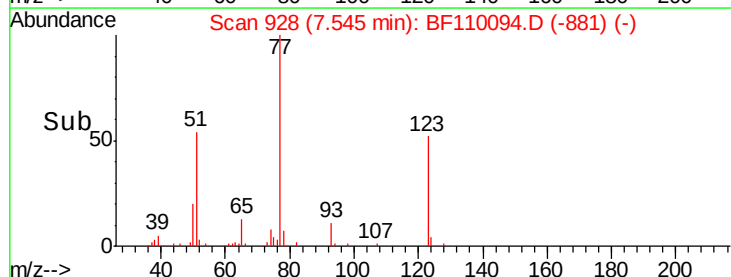
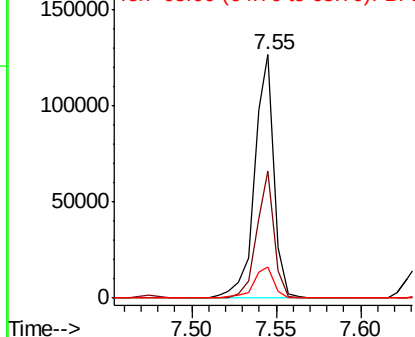


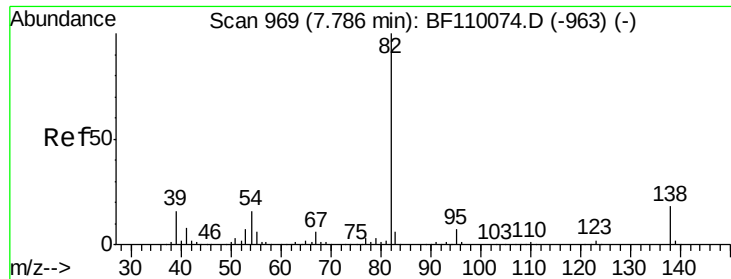
#24
 Nitrobenzene
 Concen: 7.380 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Tgt Ion	77	Resp	101557
Ion Ratio	100	Lower	Upper
123	52.0	35.7	53.5
65	12.8	10.7	16.1



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





#25

Isophorone

Concen: 7.887 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampled :

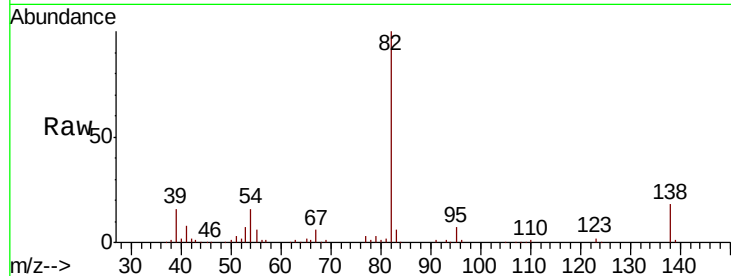
Tot Ion: 82 Resp: 179198

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

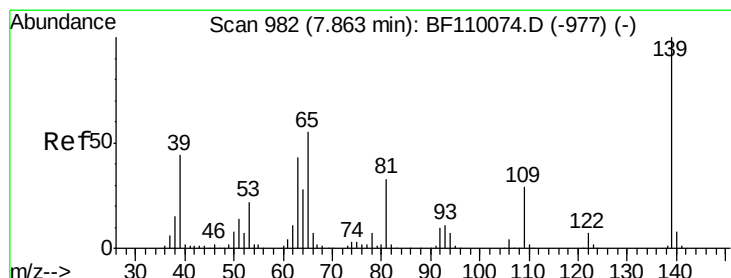
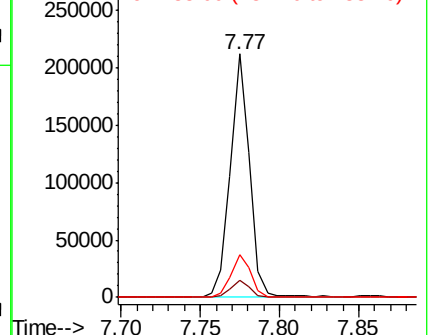
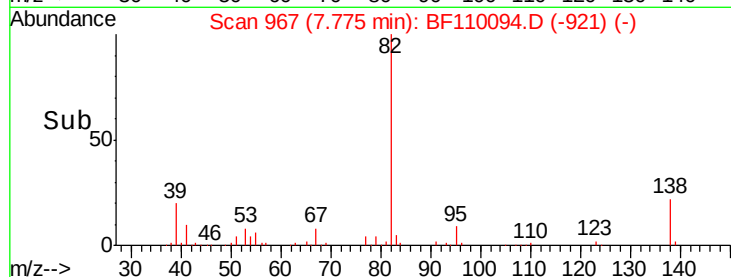
138 17.7 13.2 19.8



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: 6.417 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

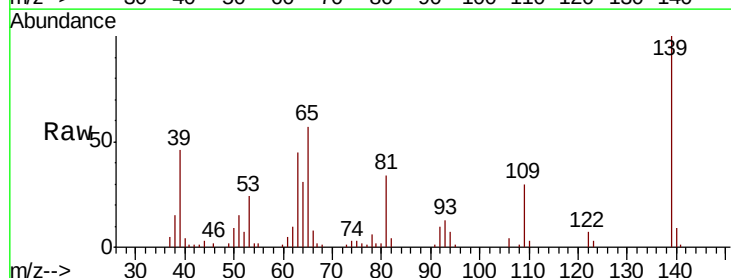
Tgt Ion: 139 Resp: 42021

Ion Ratio Lower Upper

139 100

109 30.3 25.0 37.6

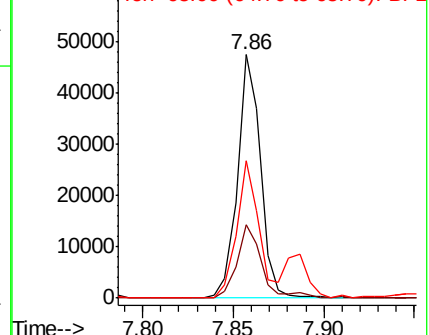
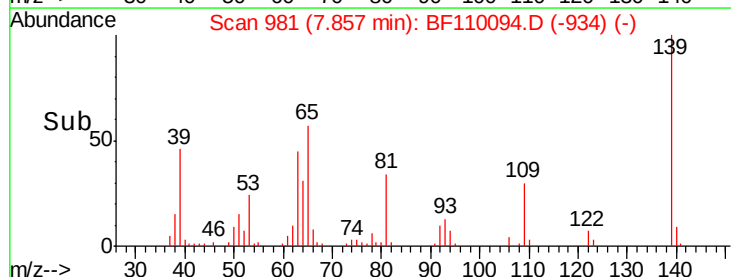
65 56.6 44.0 66.0

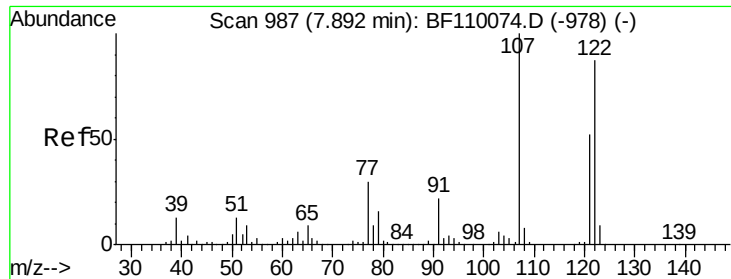


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

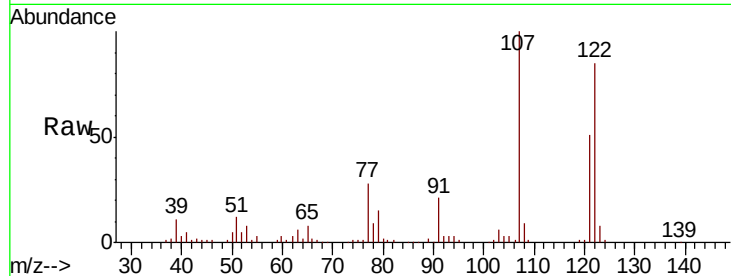




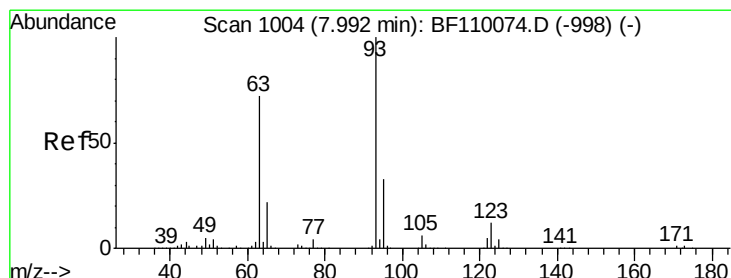
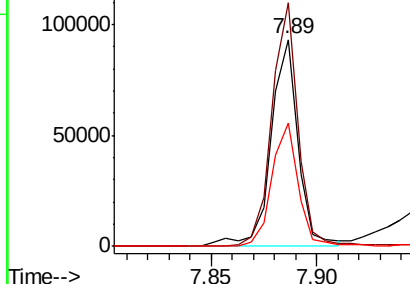
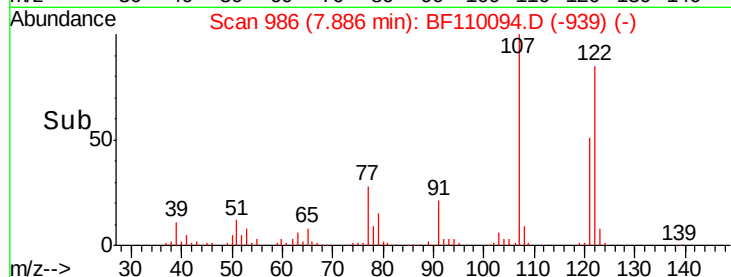
#27
 2,4-Dimethylphenol
 Concen: 7.680 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 83383
 Ion Ratio Lower Upper
 122 100
 107 117.9 92.5 138.7
 121 59.7 45.8 68.8

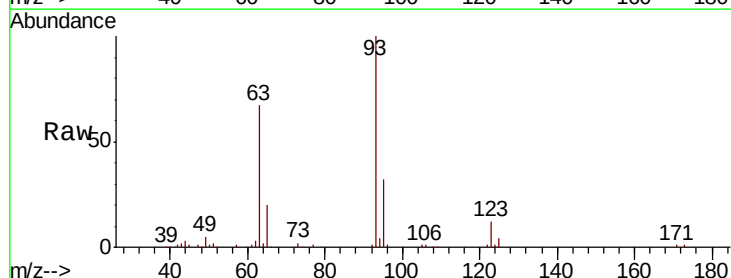


Abundance Ion 122.00 (121.70 to 122.70): E
 150000 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

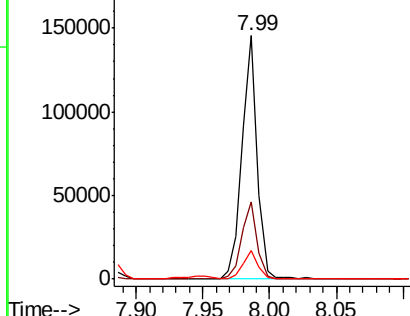
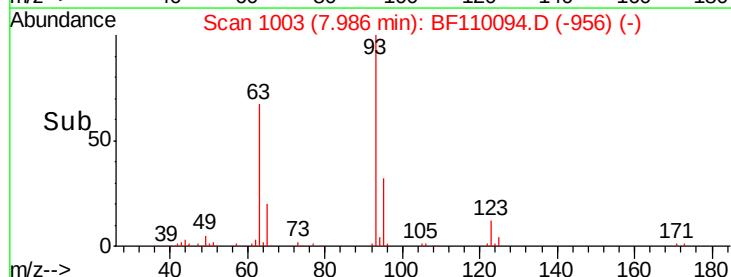


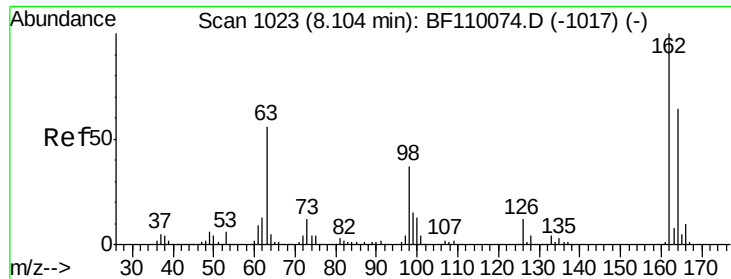
#28
 bis(2-Chloroethoxy)methane
 Concen: 7.516 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Tgt Ion: 93 Resp: 116001
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.4 39.6
 123 11.8 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 200000 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

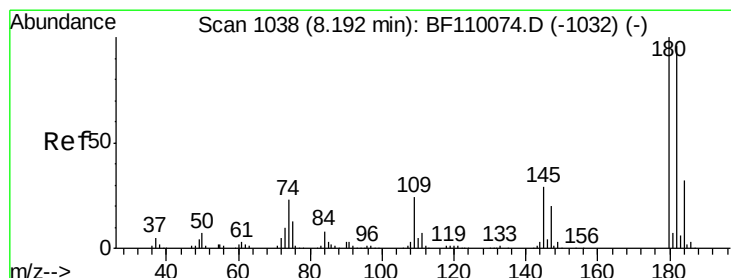
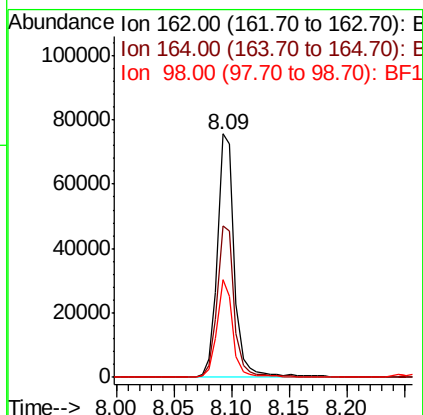
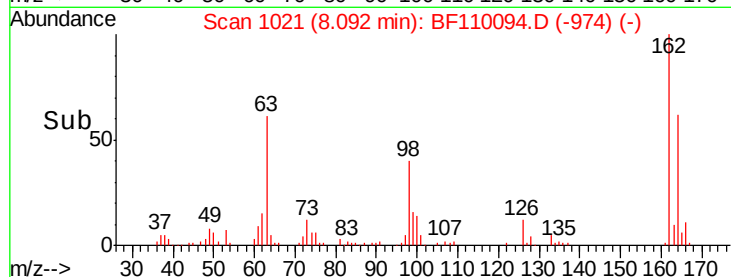
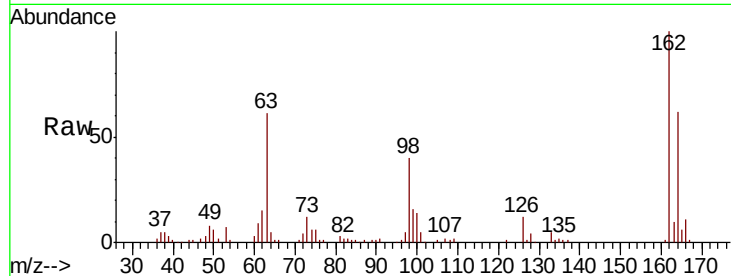




#29
2,4-Dichlorophenol
Concen: 7.103 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

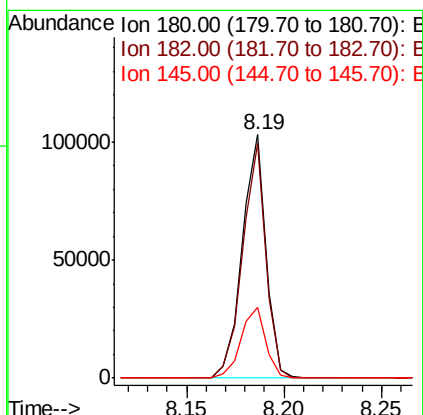
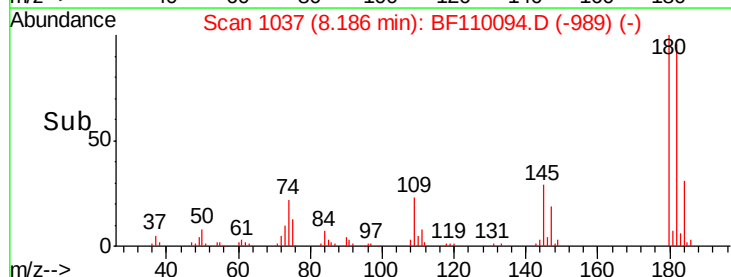
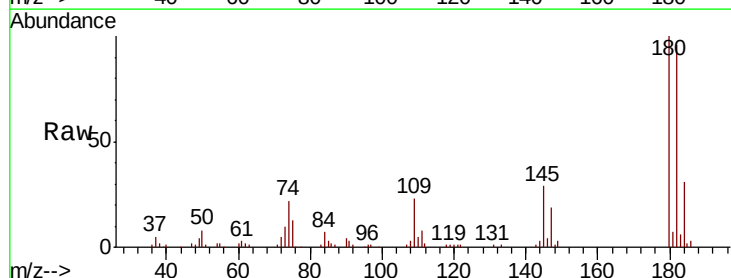
Instrument :
BNA_F
ClientSampled :

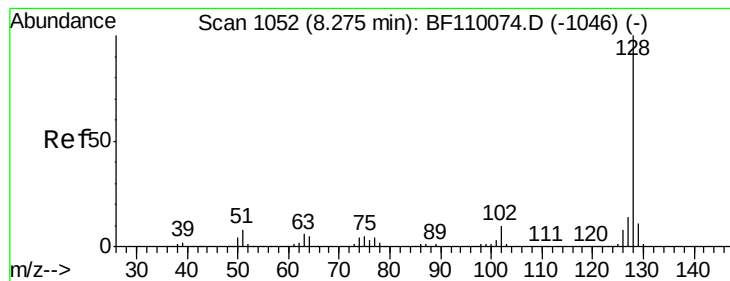
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.6	84.6
98	40.0	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 7.067 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	80.3	120.5
145	29.2	25.4	38.0





#31

Naphthalene

Concen: 8.034 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampled :

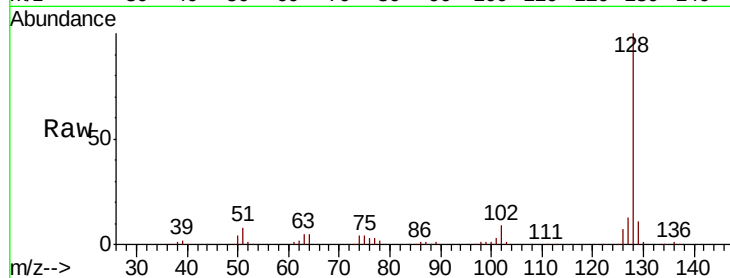
Tot Ion:128 Resp: 292722

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

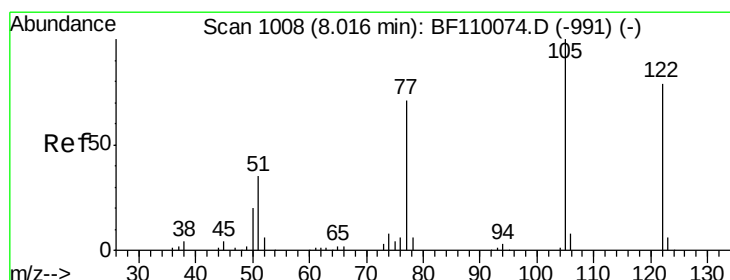
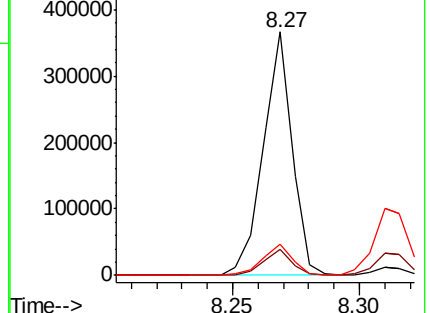
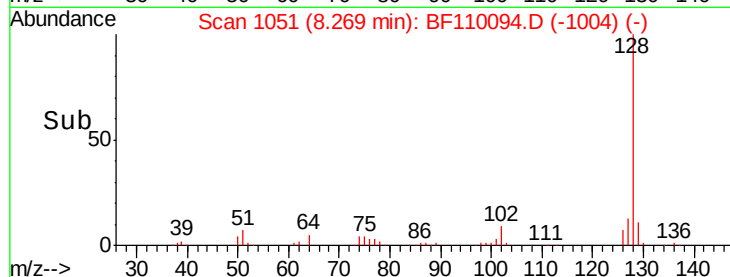
127 12.8 10.8 16.2



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: 3.966 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.06 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

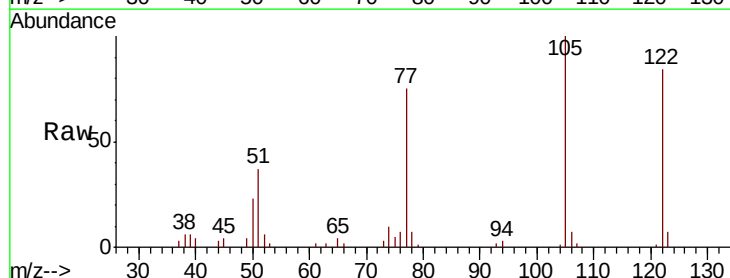
Tgt Ion:122 Resp: 33283

Ion Ratio Lower Upper

122 100

105 119.0 109.0 149.0

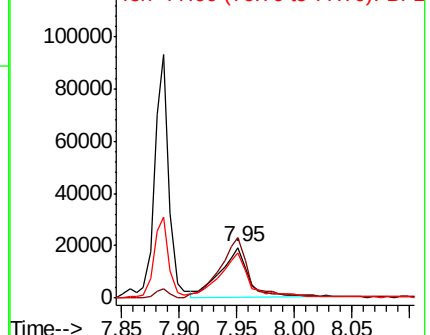
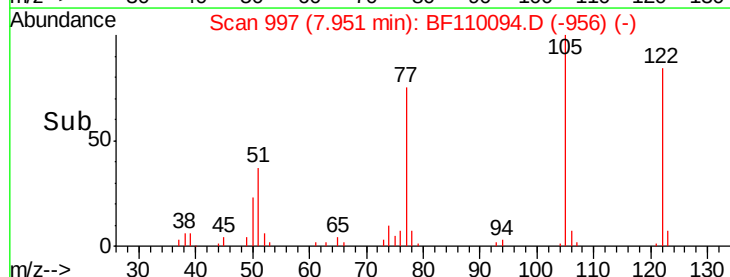
77 89.1 79.0 119.0

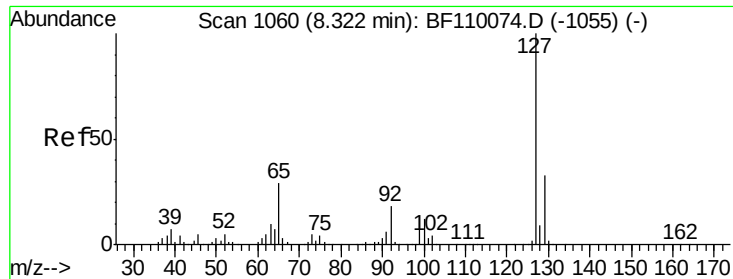


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

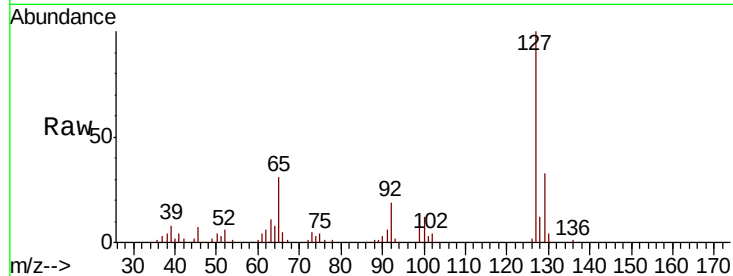




#33
4-Chloroaniline
Concen: 6.067 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	99492
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	30.6	25.1	37.7
92	18.6	15.0	22.6



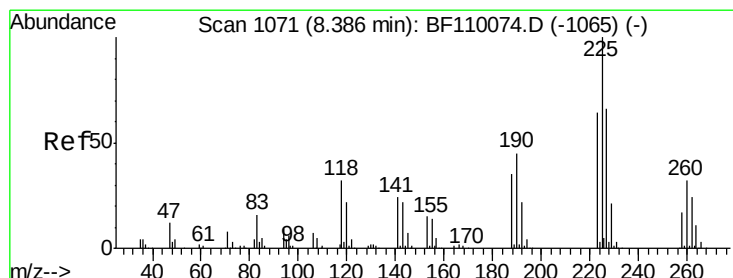
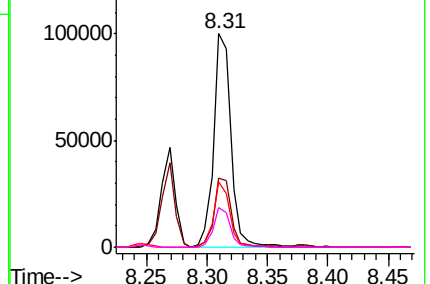
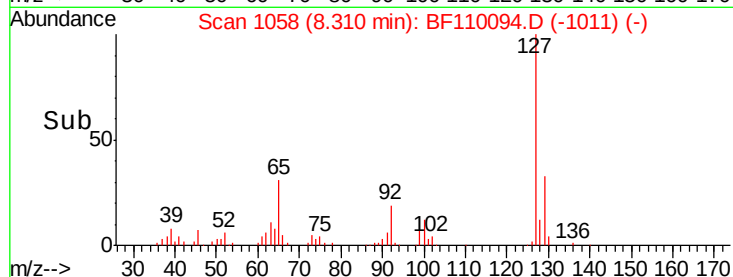
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

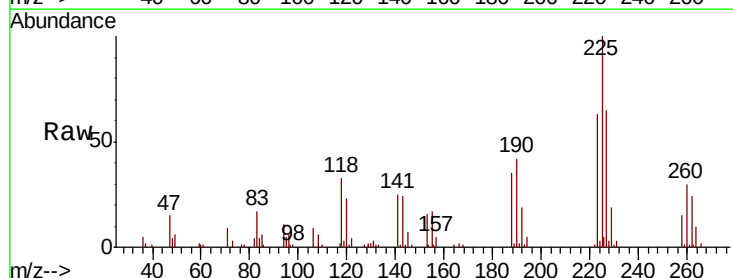
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 6.945 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:	225	Resp:	47379
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	64.6	51.0	76.6

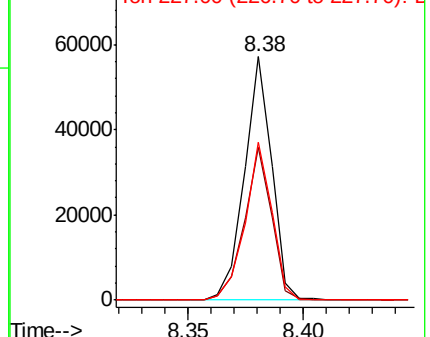
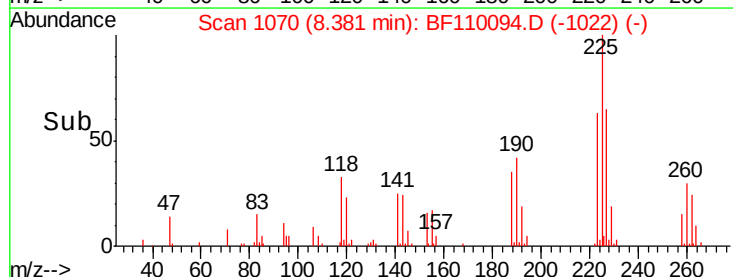


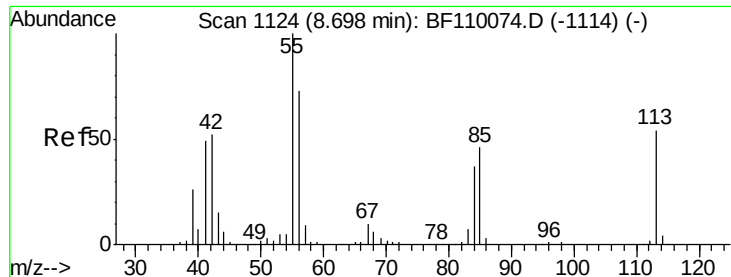
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

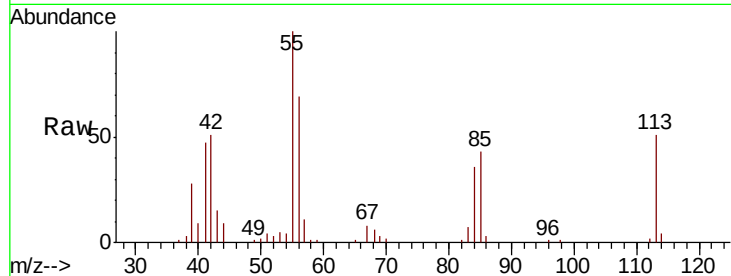




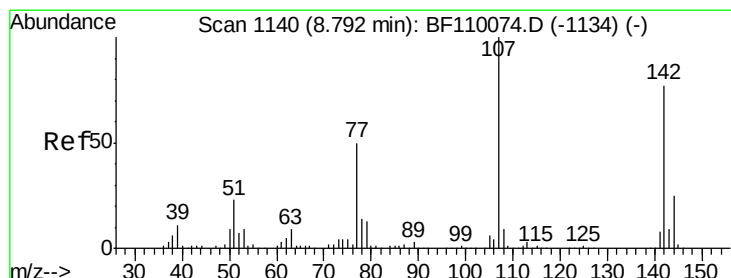
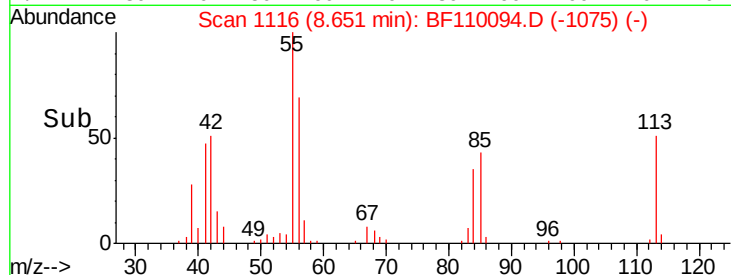
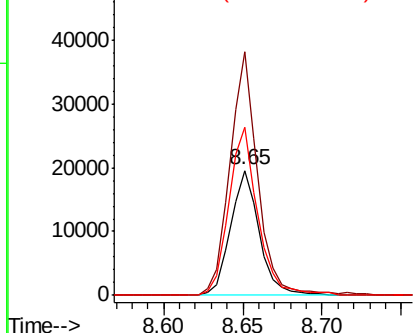
#35
 Caprolactam
 Concen: 6.418 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.06 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 24534
 Ion Ratio Lower Upper
 113 100
 55 194.9 142.8 182.8#
 56 135.0 105.0 145.0

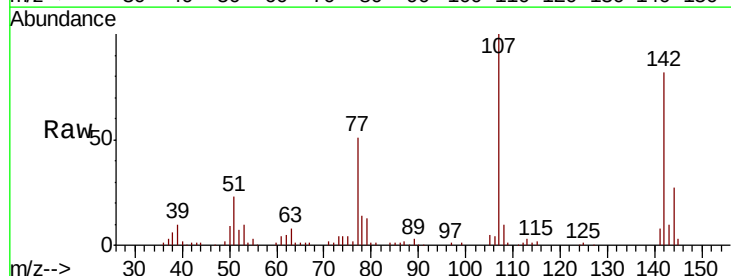


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

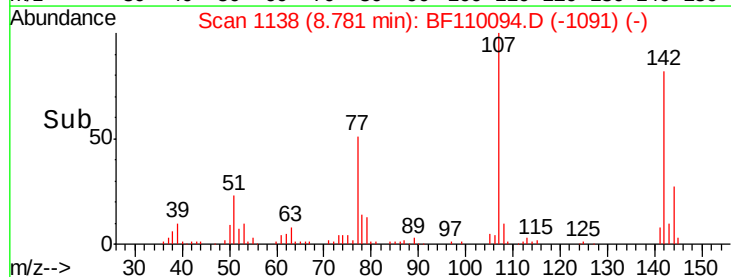
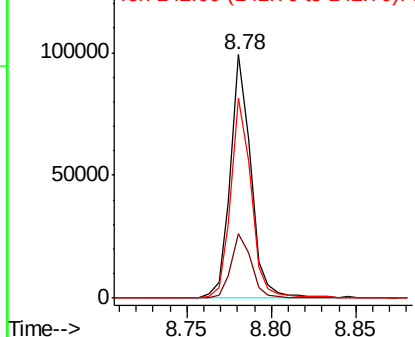


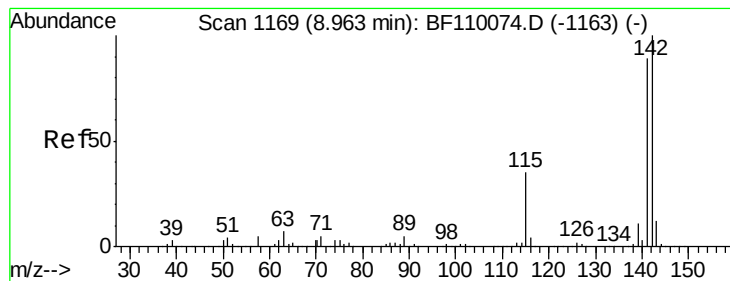
#36
 4-Chloro-3-methylphenol
 Concen: 7.075 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Tgt Ion:107 Resp: 83912
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.0 30.0
 142 82.2 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: 8.195 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampled :

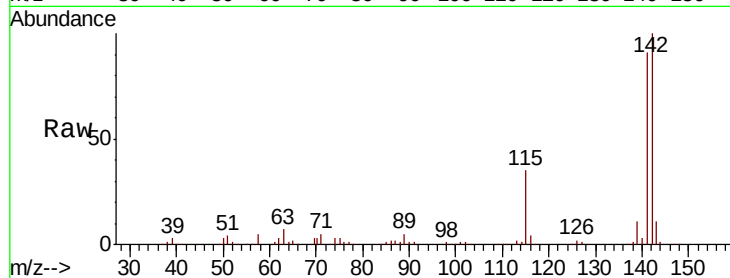
Tot Ion:142 Resp: 197566

Ion Ratio Lower Upper

142 100

141 91.2 71.4 107.2

115 34.9 28.7 43.1

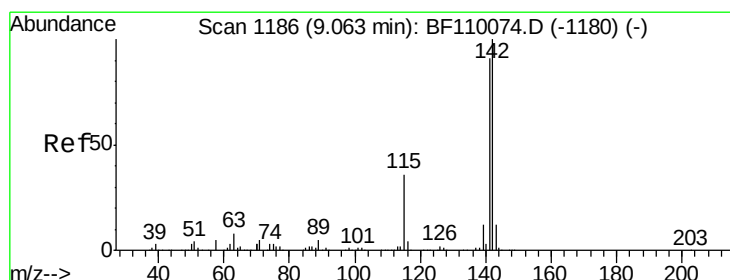
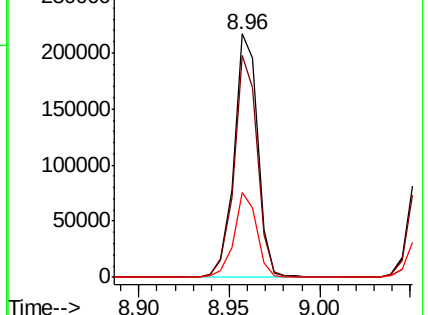
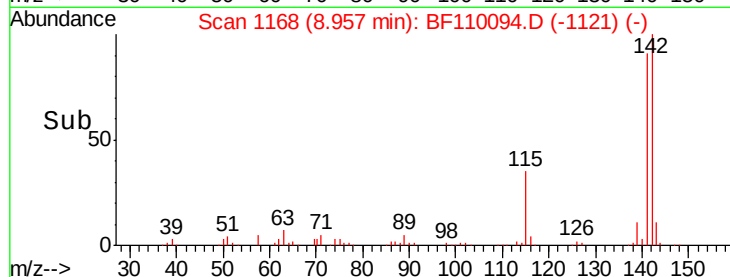


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 8.065 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

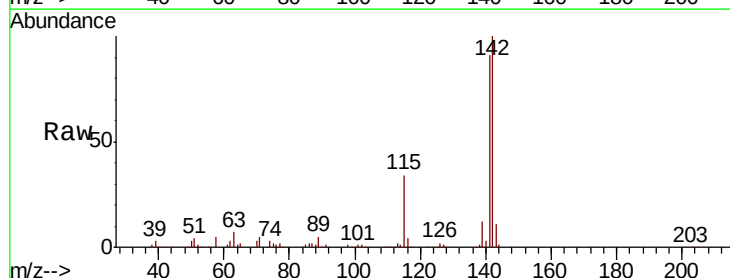
Tgt Ion:142 Resp: 187892

Ion Ratio Lower Upper

142 100

141 91.2 74.2 111.4

116 3.5 2.6 4.0

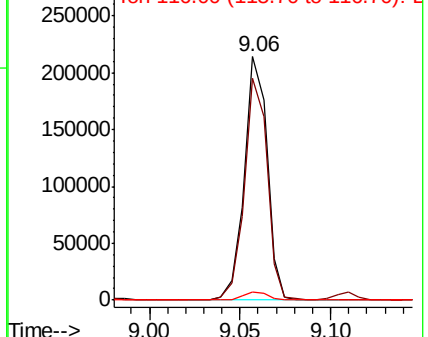
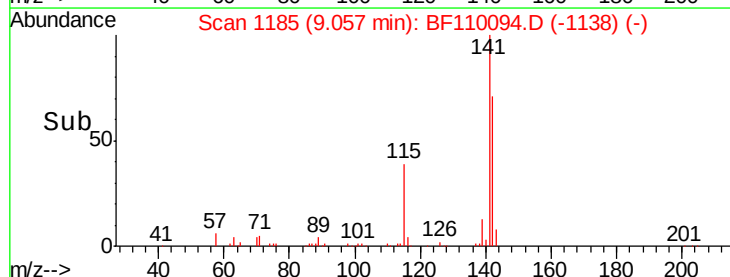


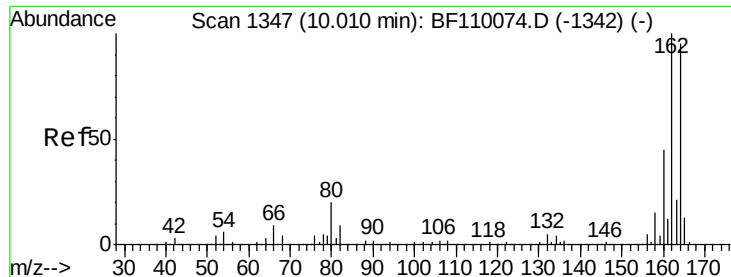
Abundance

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: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampled :

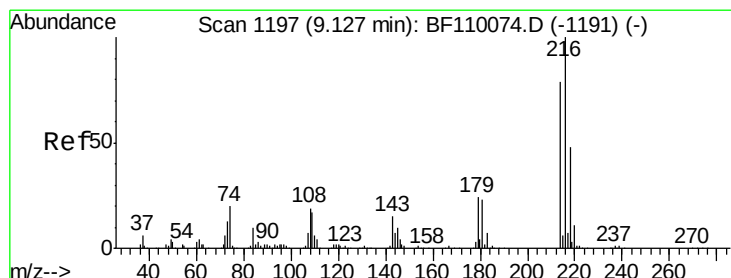
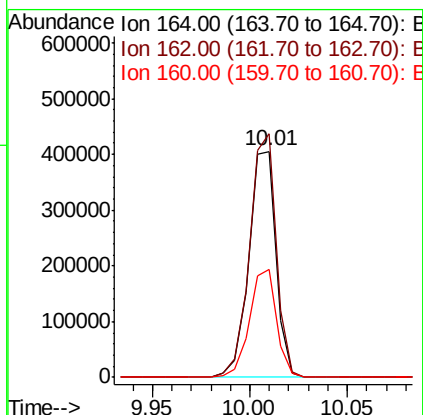
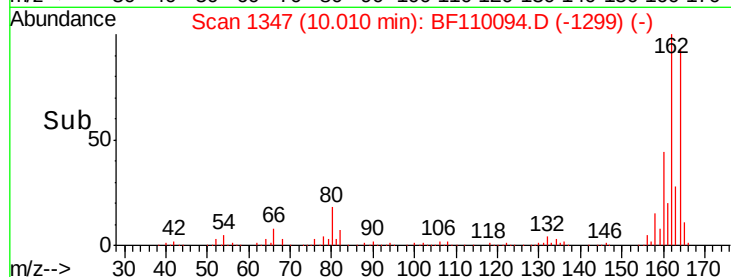
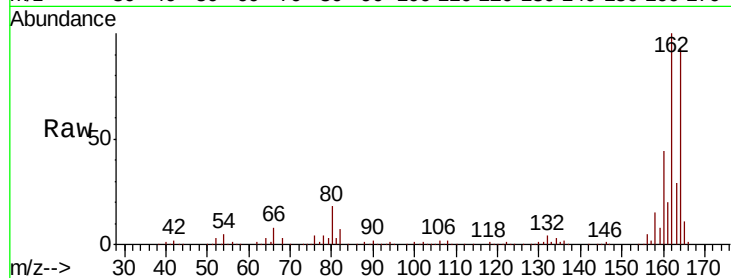
Tot Ion:164 Resp: 390345

Ion Ratio Lower Upper

164 100

162 107.9 83.0 124.6

160 47.9 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.724 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Tgt Ion:216 Resp: 81778

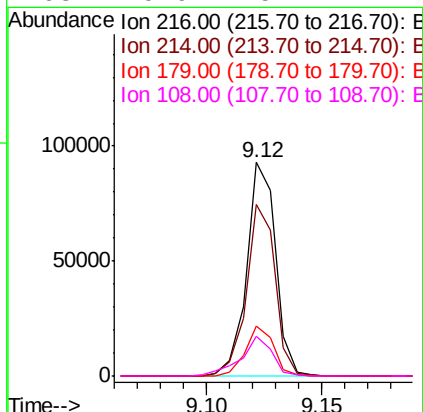
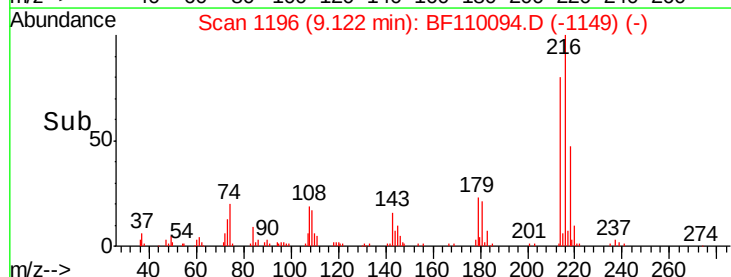
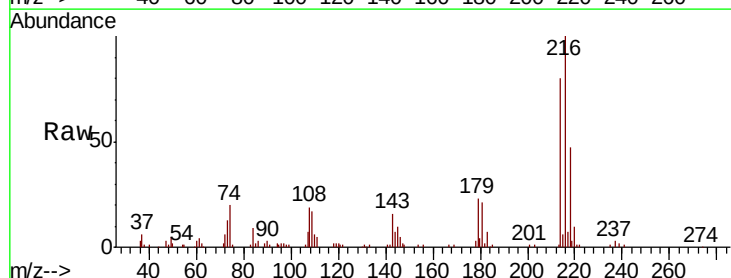
Ion Ratio Lower Upper

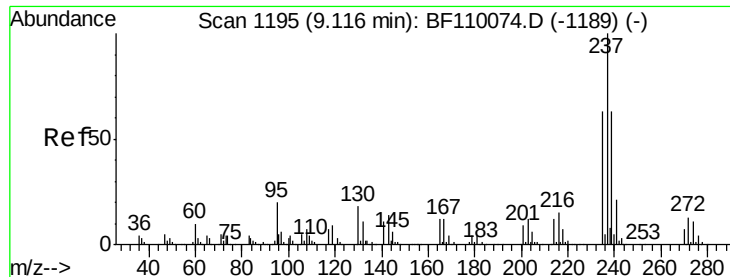
216 100

214 79.5 63.8 95.6

179 22.6 16.6 25.0

108 19.9 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 7.007 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampleId :

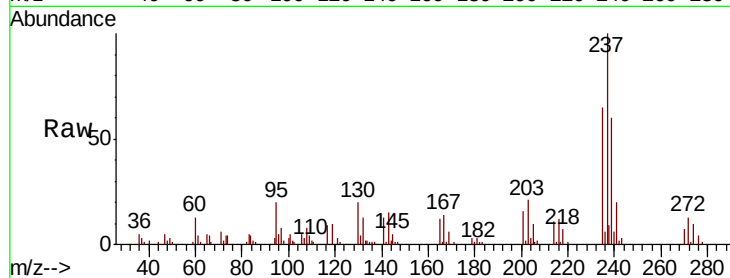
Tot Ion:237 Resp: 43578

Ion Ratio Lower Upper

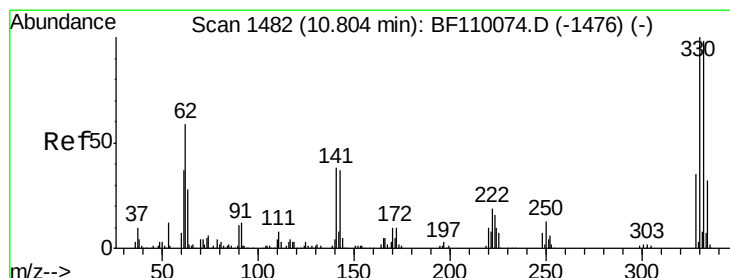
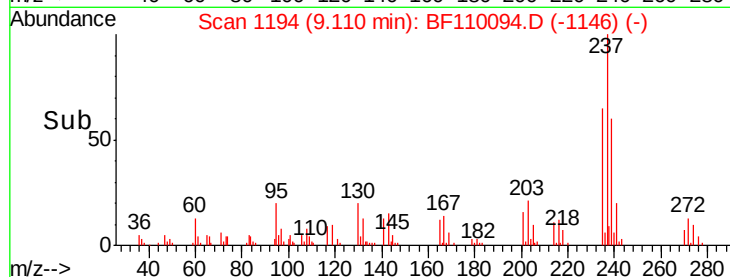
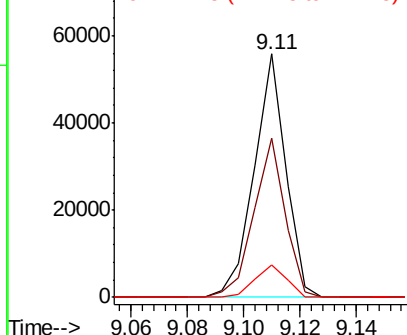
237 100

235 65.1 43.1 83.1

272 13.3 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: 108.045 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

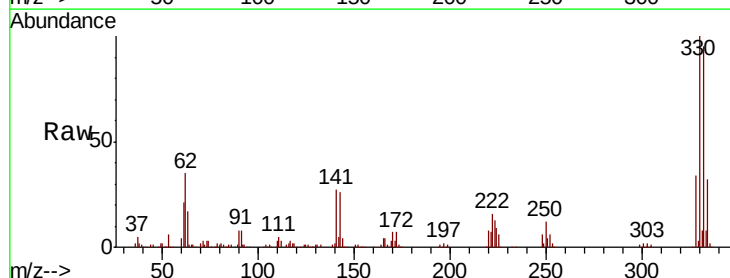
Tgt Ion:330 Resp: 417771

Ion Ratio Lower Upper

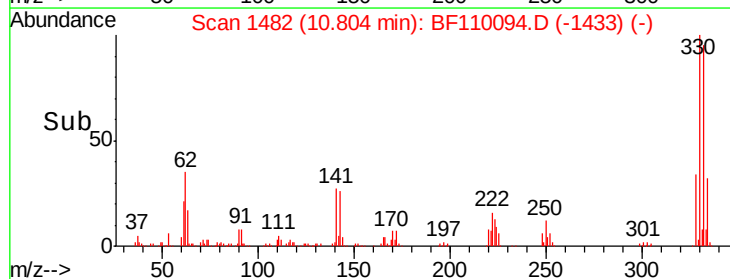
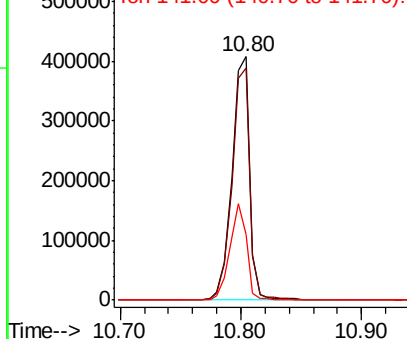
330 100

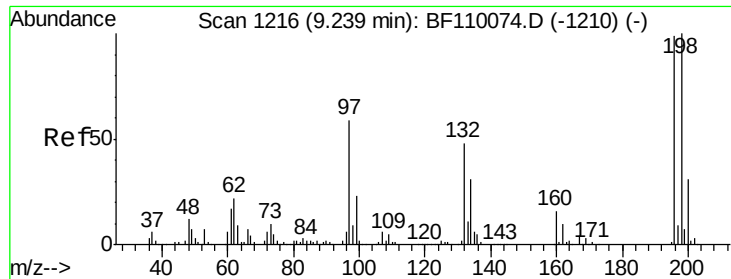
332 96.2 77.1 115.7

141 37.6 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

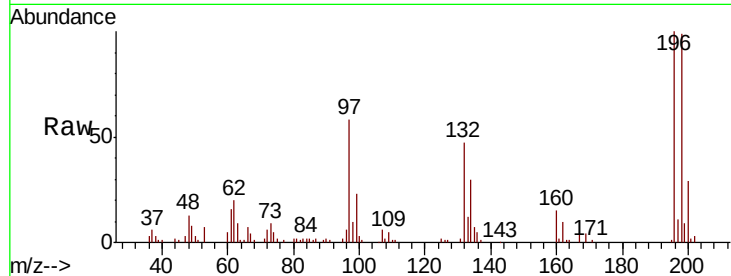




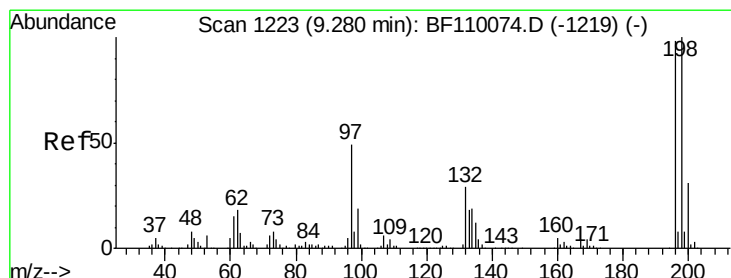
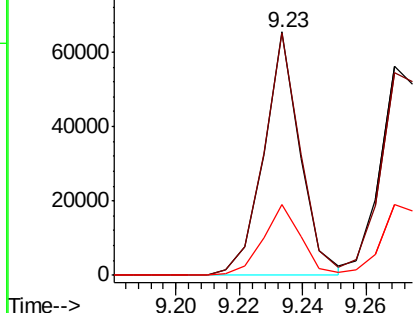
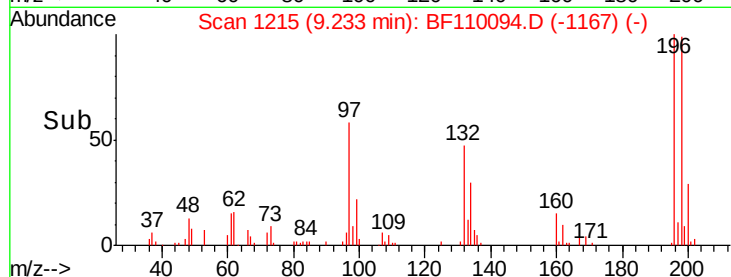
#43
 2,4,6-Trichlorophenol
 Concen: 6.623 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	76.2	114.4
200	29.2	24.4	36.6

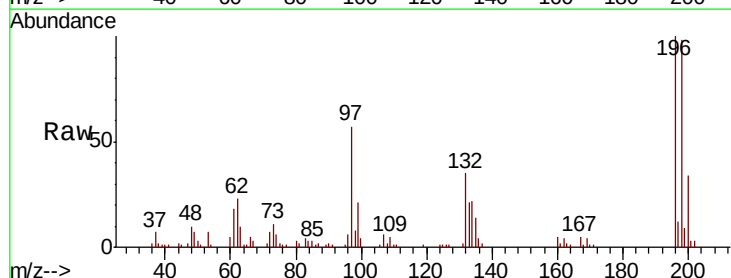


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

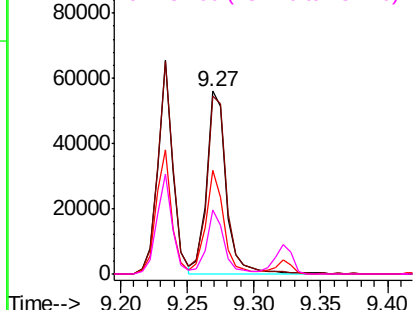
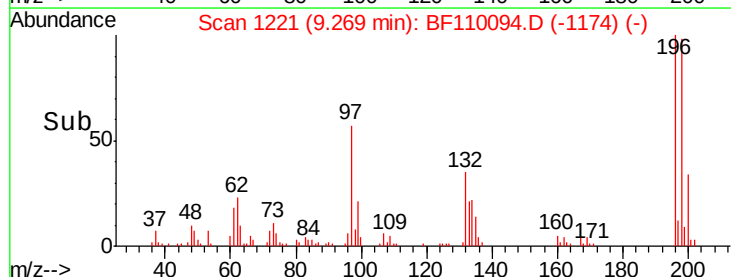


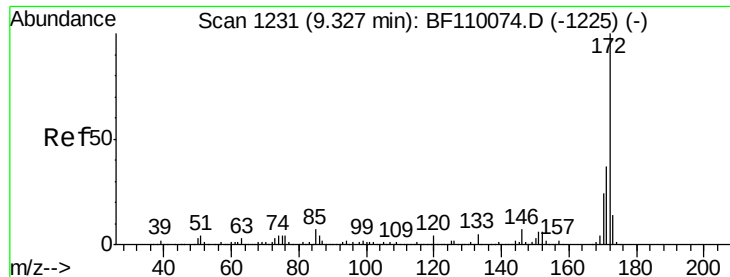
#44
 2,4,5-Trichlorophenol
 Concen: 6.971 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.8	113.6
97	56.7	42.4	63.6
132	34.7	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

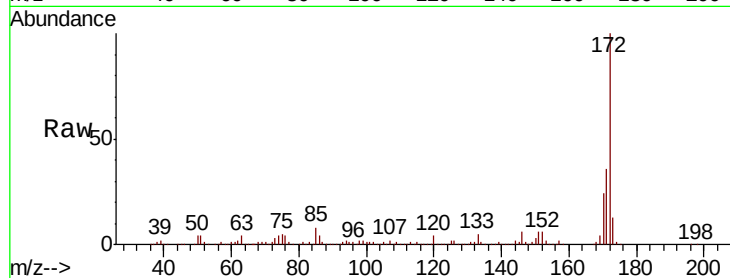




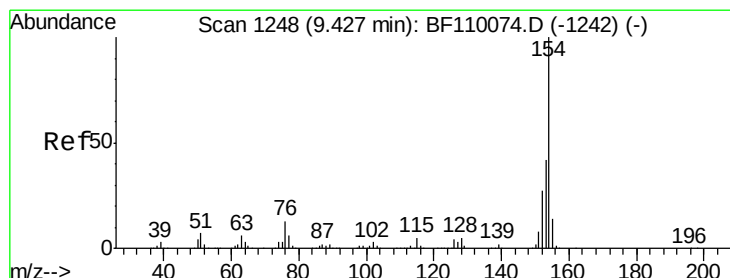
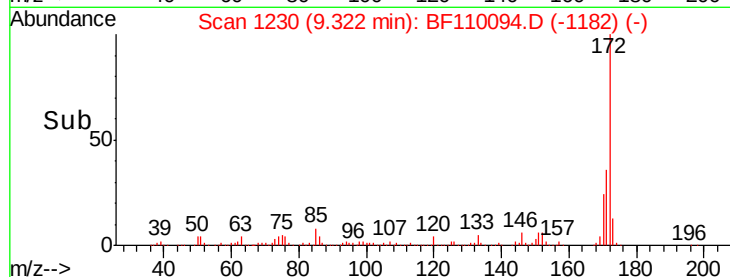
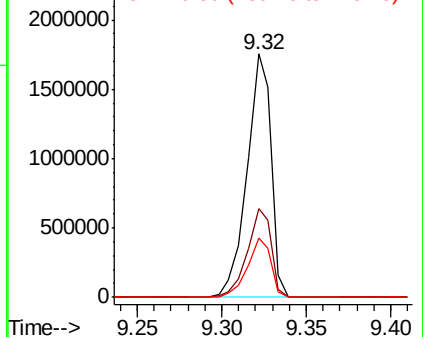
#45
2-Fluorobiphenyl
Concen: 70.627 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1755681
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.4 19.7 29.5

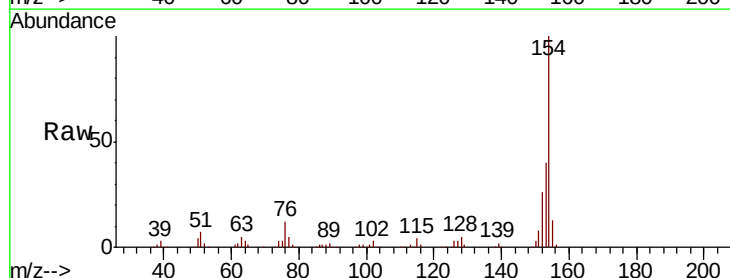


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

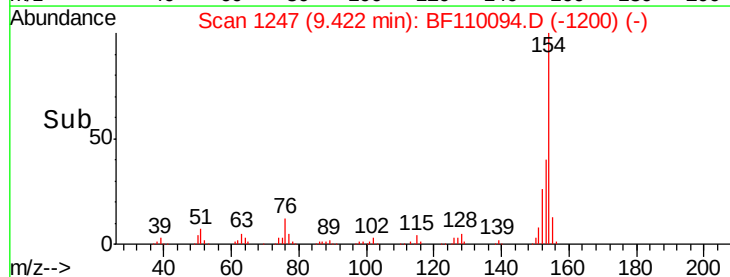
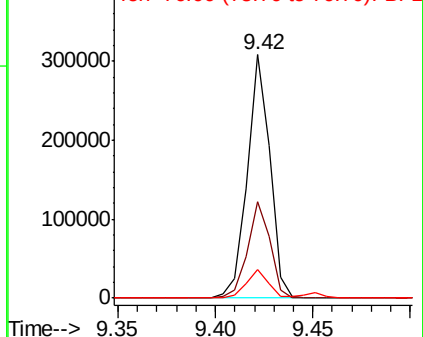


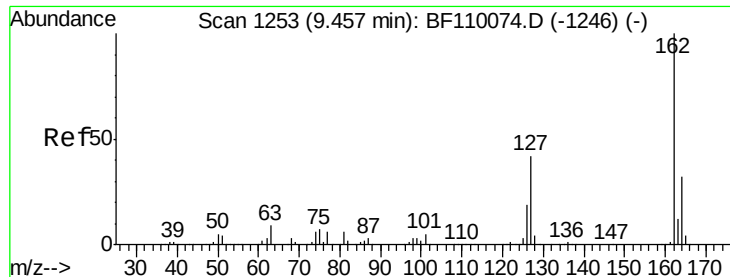
#46
1,1'-Biphenyl
Concen: 7.004 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:154 Resp: 247234
Ion Ratio Lower Upper
154 100
153 39.7 20.4 60.4
76 11.7 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

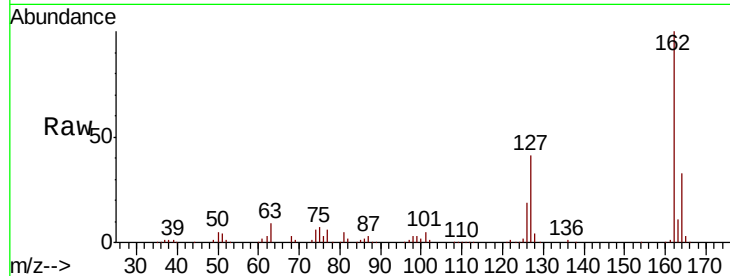




#47
 2-Chloronaphthalene
 Concen: 7.195 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.6	48.8
164	33.1	25.9	38.9

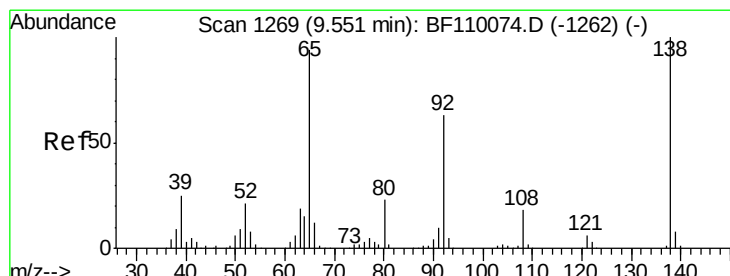
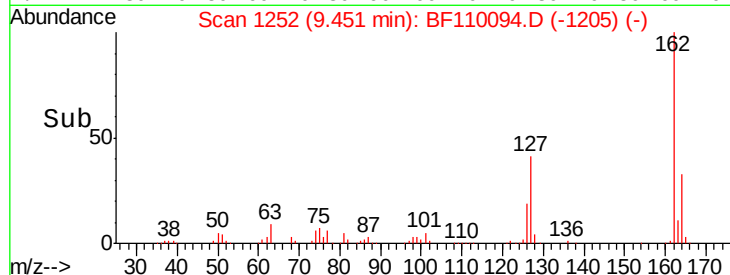
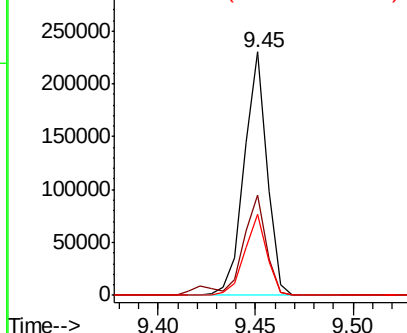


Abundance

Ion 162.00 (161.70 to 162.70): E

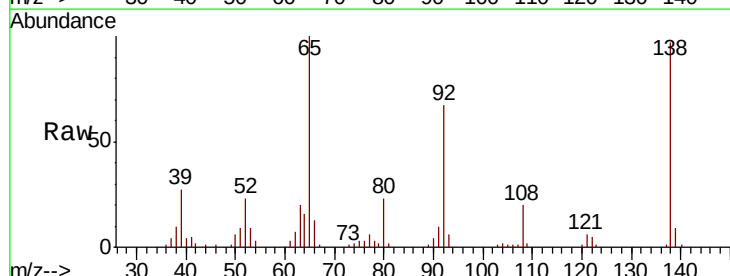
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 6.851 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	54.6	81.8
138	97.2	80.3	120.5

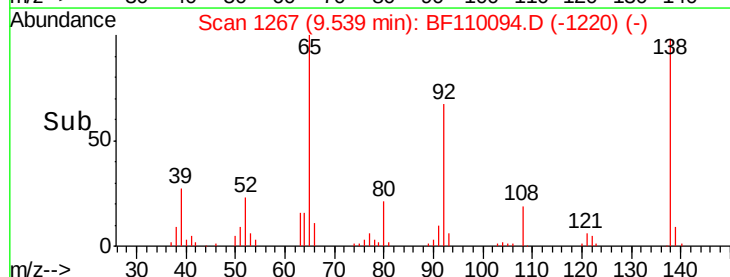
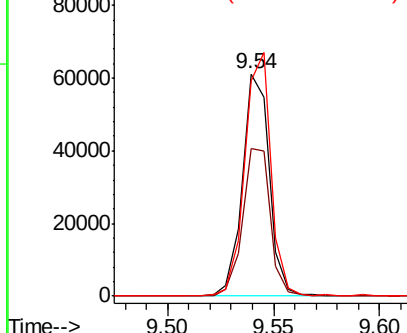


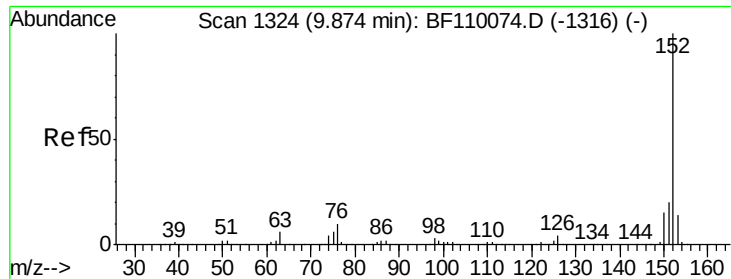
Abundance

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: 7.700 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampleId :

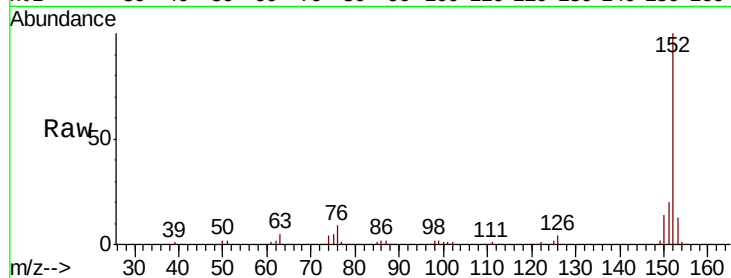
Tot Ion:152 Resp: 287981

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

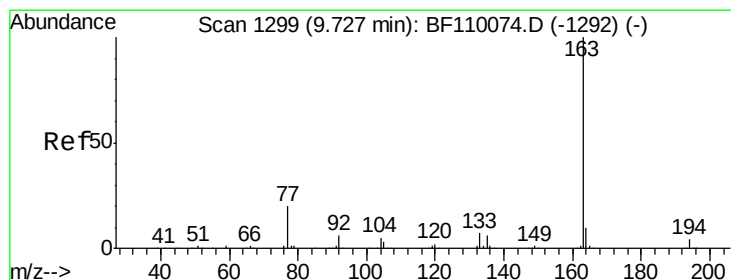
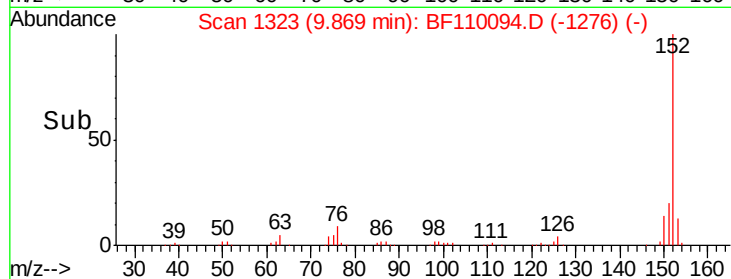
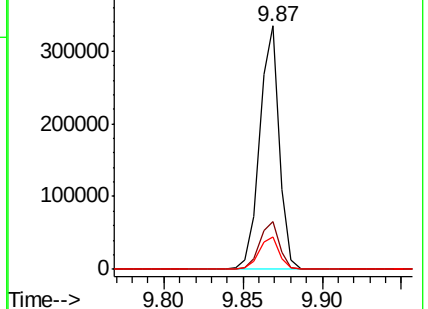
153 13.1 10.4 15.6



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: 7.370 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

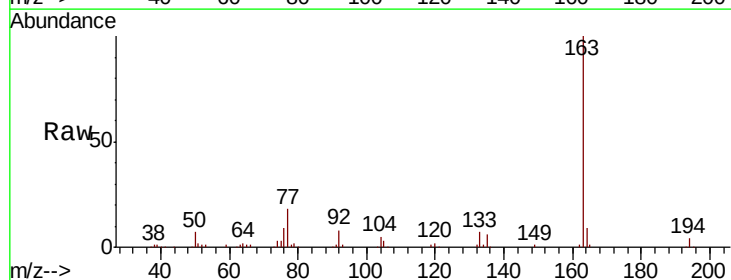
Tgt Ion:163 Resp: 212358

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

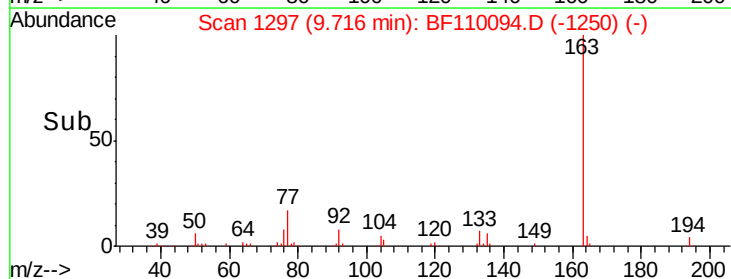
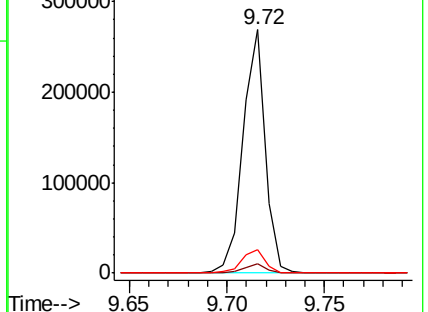
164 9.5 8.1 12.1

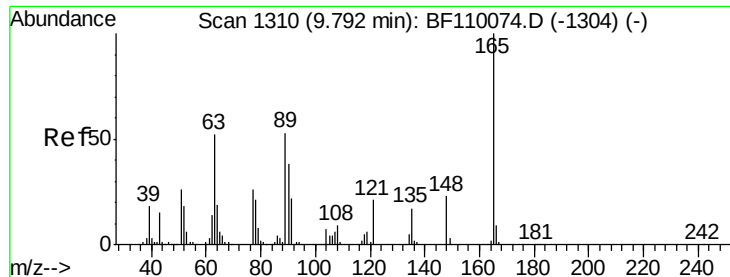


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.229 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampled :

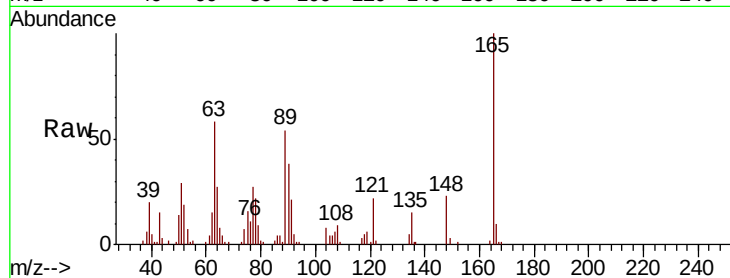
Tot Ion:165 Resp: 44867

Ion Ratio Lower Upper

165 100

63 57.8 48.9 73.3

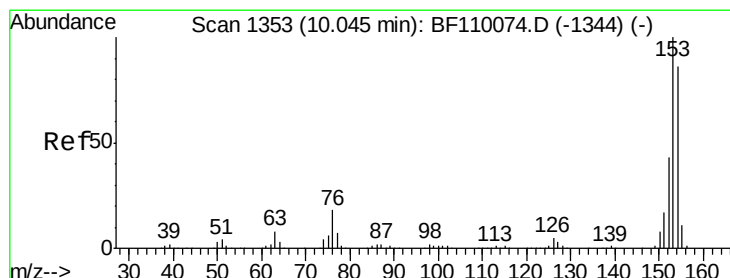
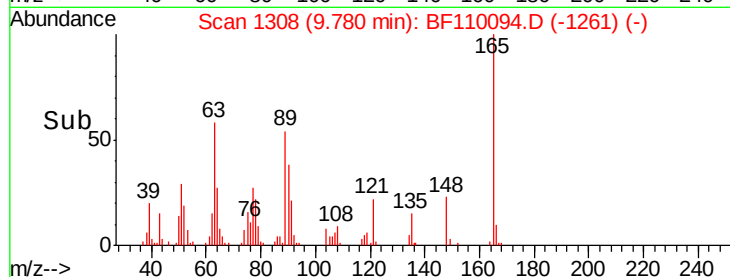
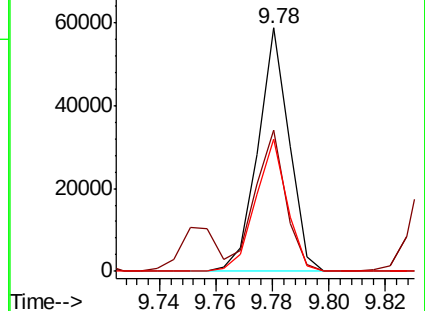
89 54.3 46.6 69.8



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: 7.495 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

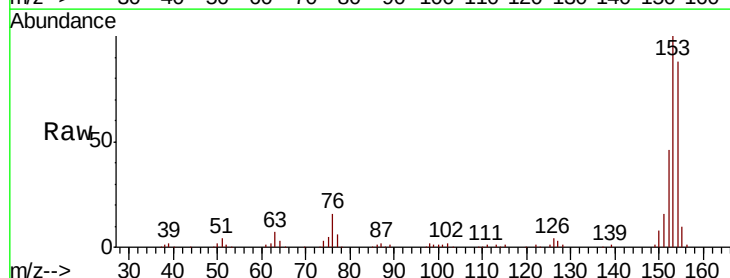
Tgt Ion:154 Resp: 185430

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

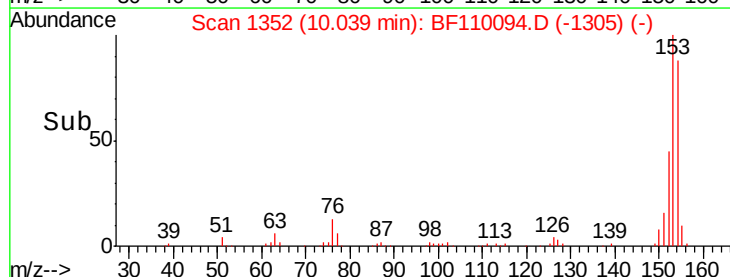
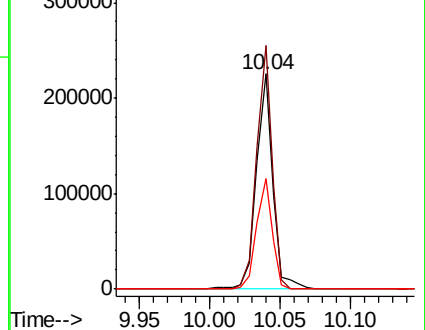
152 51.5 43.4 65.2

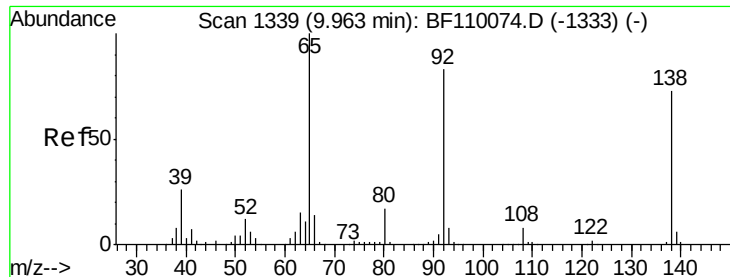


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

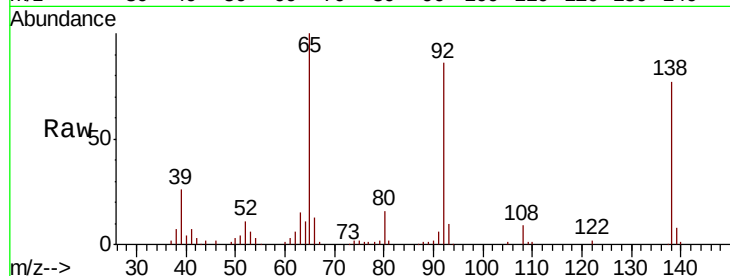




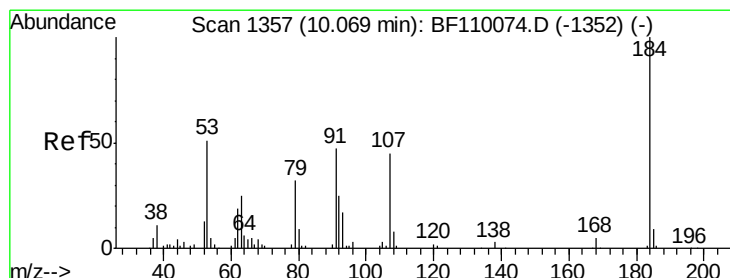
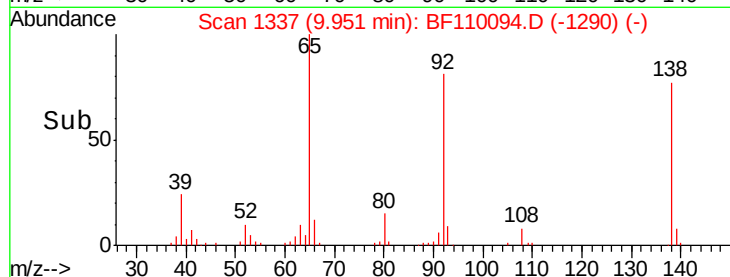
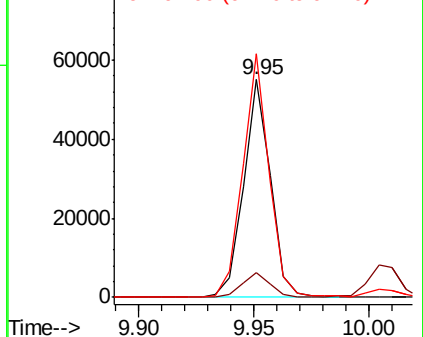
#53
3-Nitroaniline
Concen: 6.040 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 44579
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 111.8 97.0 145.4

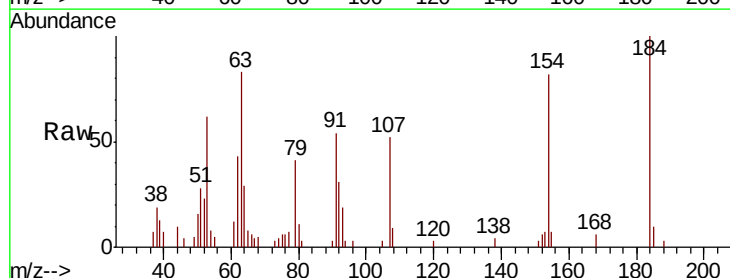


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

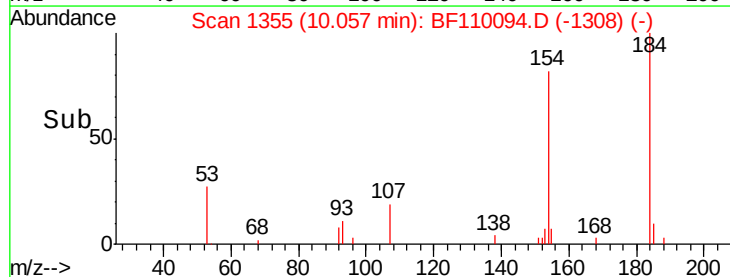
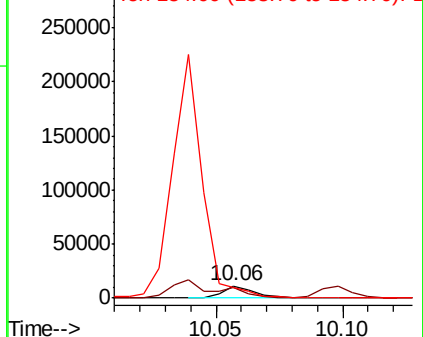


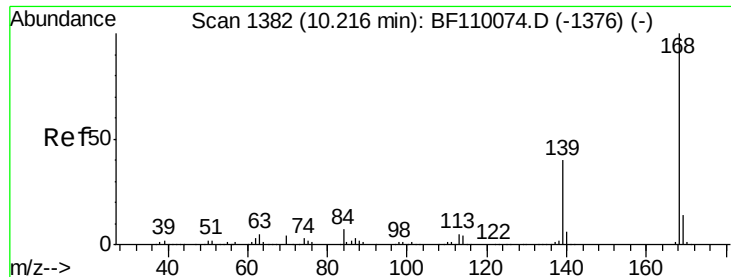
#54
2,4-Dinitrophenol
Concen: 8.953 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:184 Resp: 9949
Ion Ratio Lower Upper
184 100
63 83.0 55.8 83.6
154 82.1 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

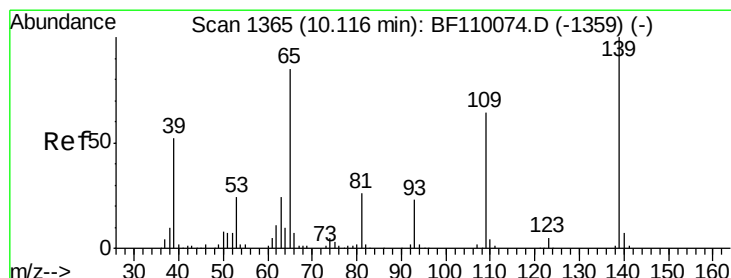
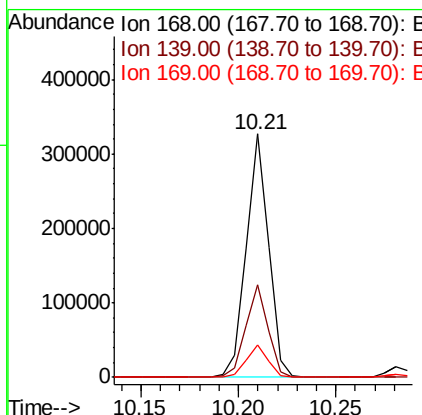
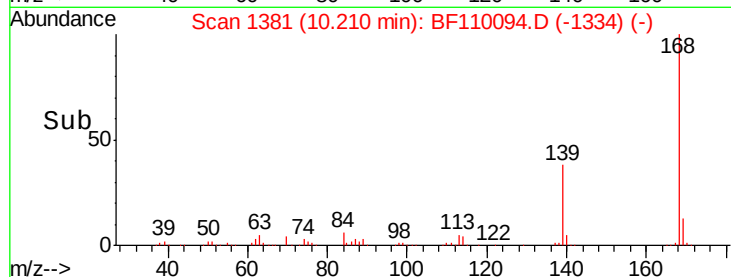
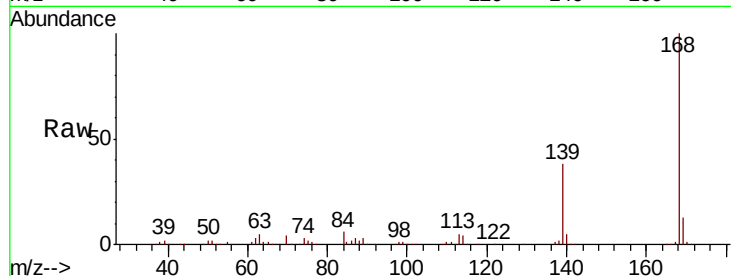




#55
Dibenzenofuran
Concen: 7.480 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

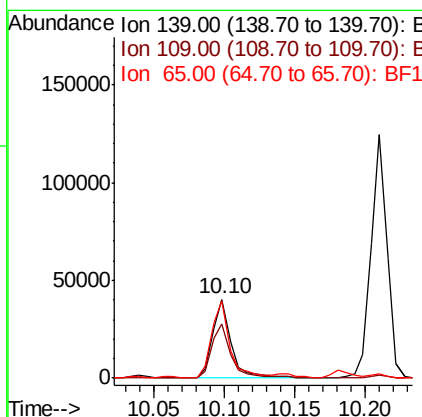
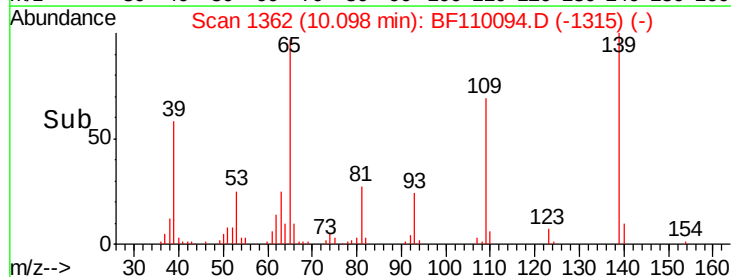
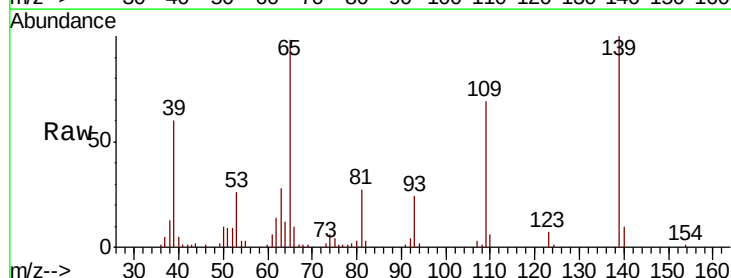
Instrument :
BNA_F
ClientSampleId :

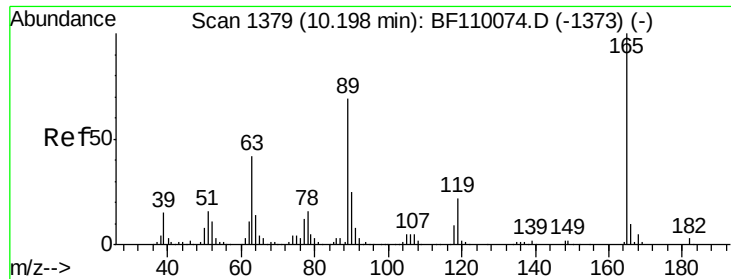
Tot Ion:168 Resp: 259117
Ion Ratio Lower Upper
168 100
139 38.1 33.0 49.6
169 13.4 11.3 16.9



#56
4-Nitrophenol
Concen: 6.856 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:139 Resp: 37452
Ion Ratio Lower Upper
139 100
109 69.0 55.8 95.8
65 97.9 77.9 117.9

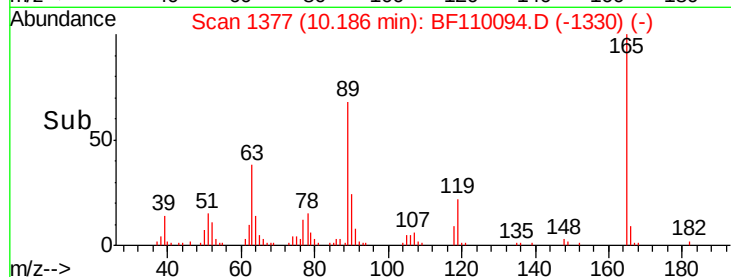
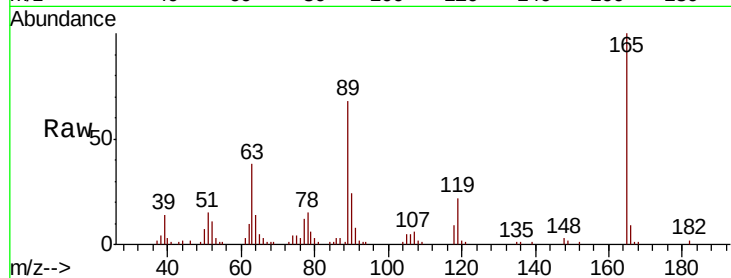




#57
2,4-Dinitrotoluene
Concen: 7.288 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.9	44.8	67.2#
89	68.2	62.2	93.4
182	2.4	2.1	3.1



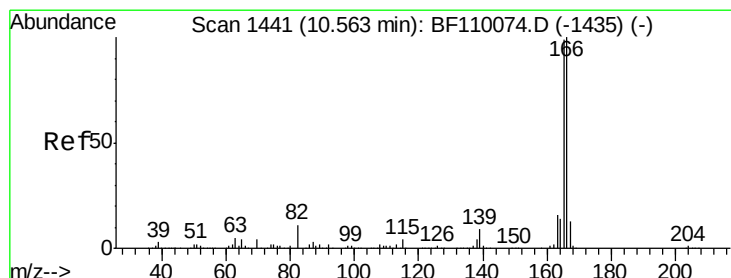
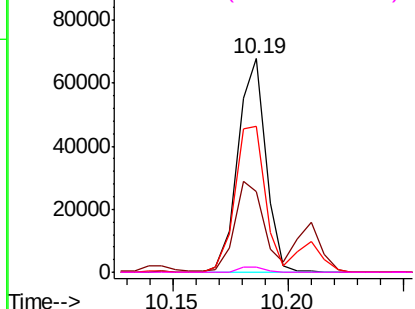
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

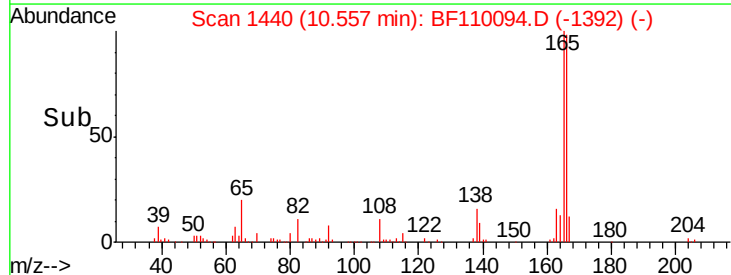
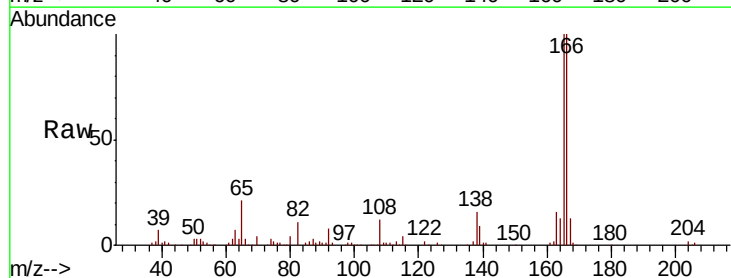
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 8.013 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	117.8
167	13.3	10.8	16.2

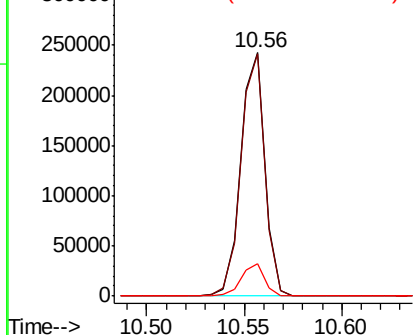


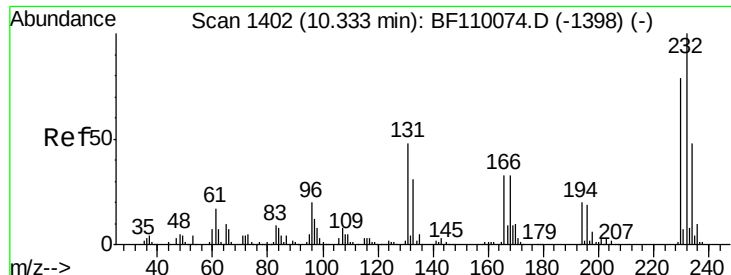
Abundance

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

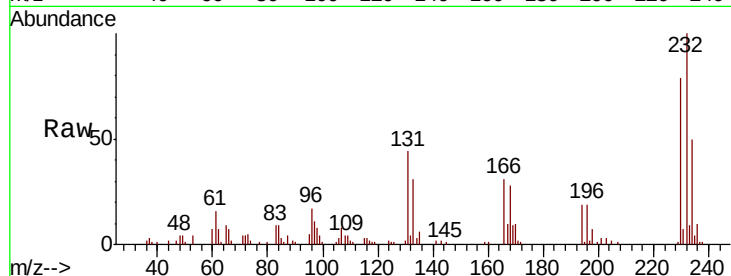




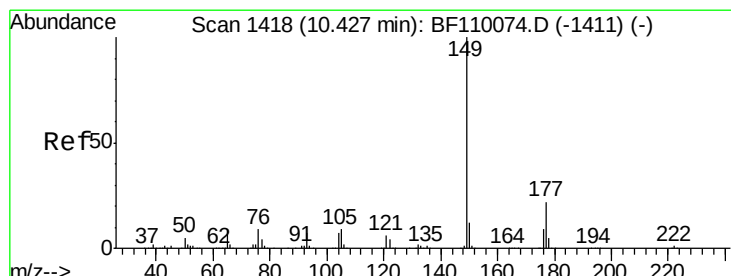
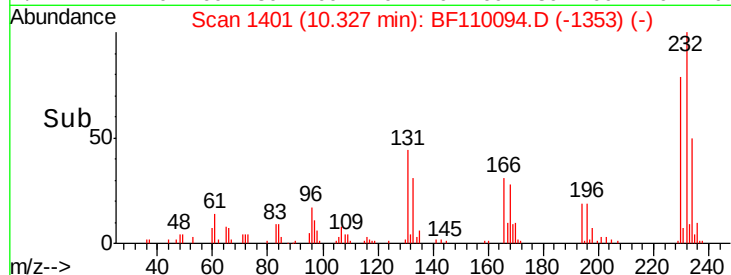
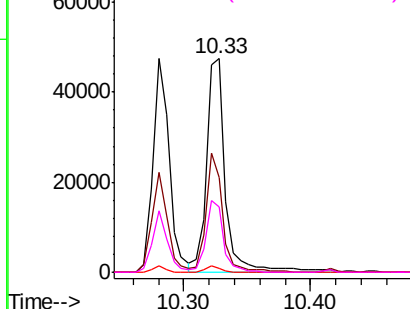
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.316 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.0	37.0	55.4
130	2.1	1.8	2.6
166	30.9	22.0	33.0

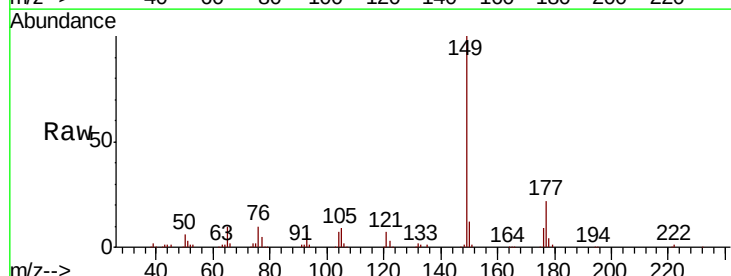


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

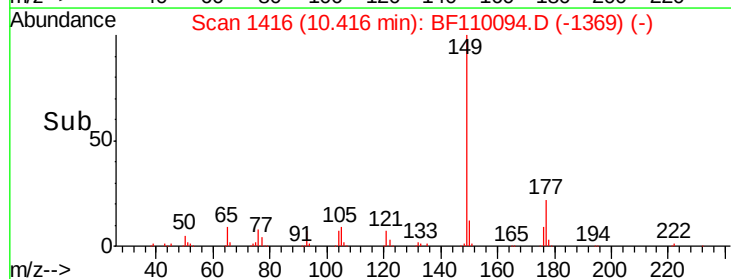
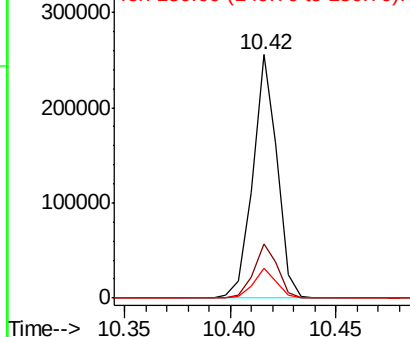


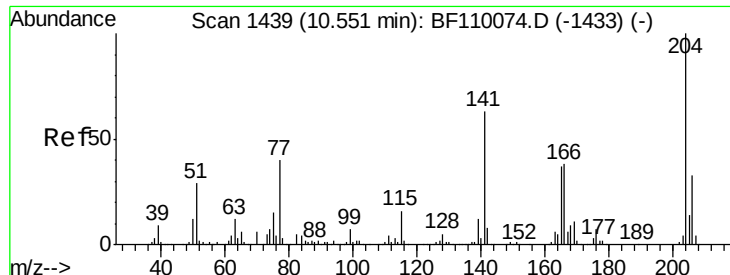
#60
 Diethylphthalate
 Concen: 7.244 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	12.3	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

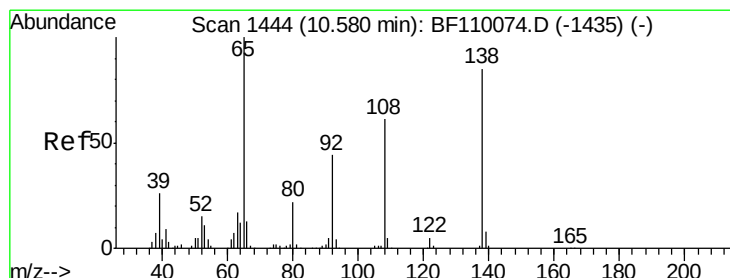
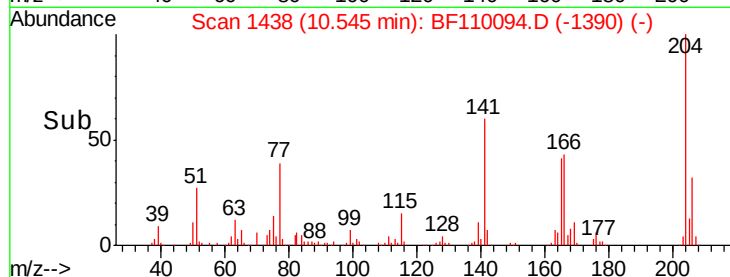
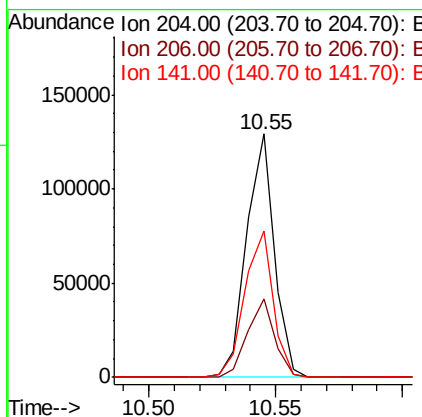
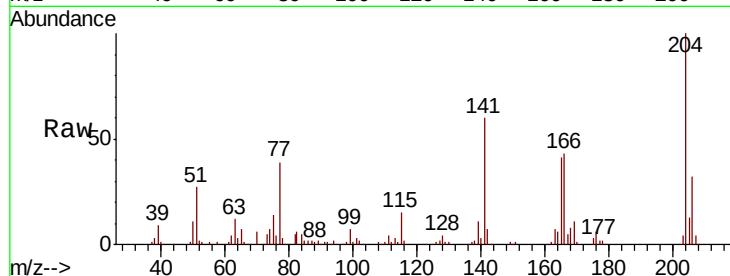




#61
 4-Chlorophenyl-phenylether
 Concen: 7.262 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

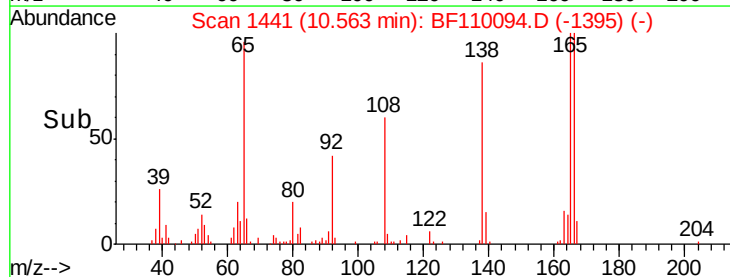
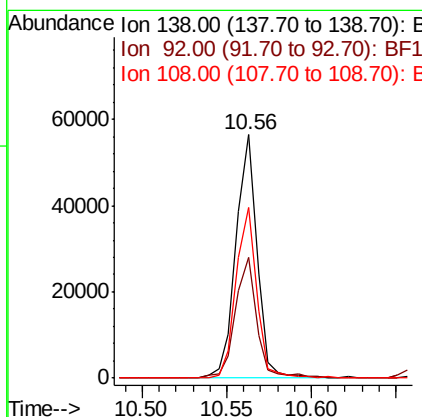
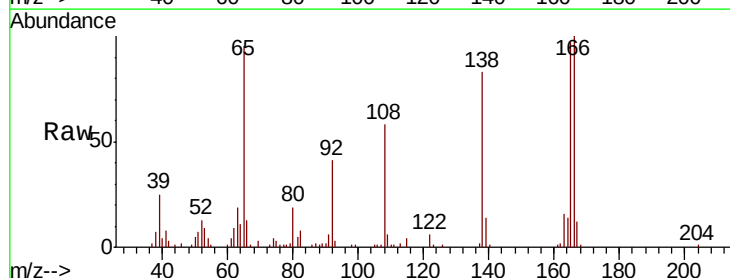
Instrument :
 BNA_F
 ClientSampleId :

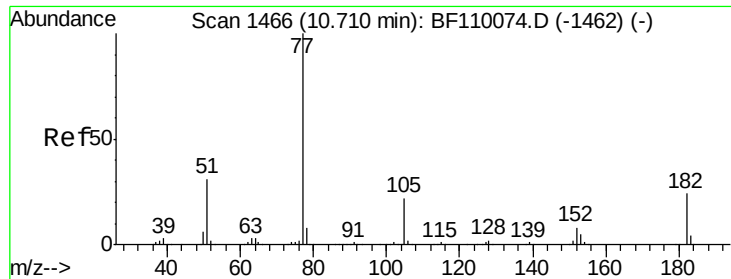
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	60.0	51.8	77.8



#62
 4-Nitroaniline
 Concen: 6.725 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.03 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	31.7	71.7
108	70.2	59.3	99.3

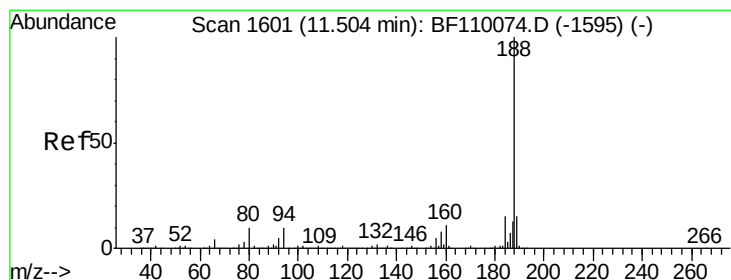
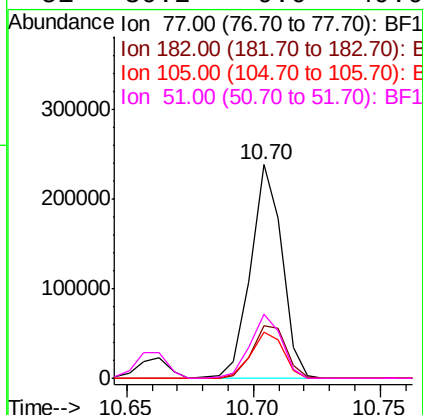
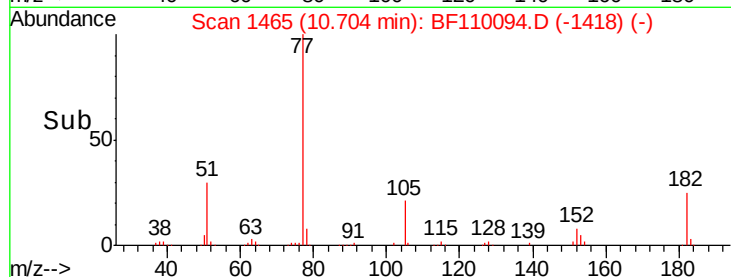
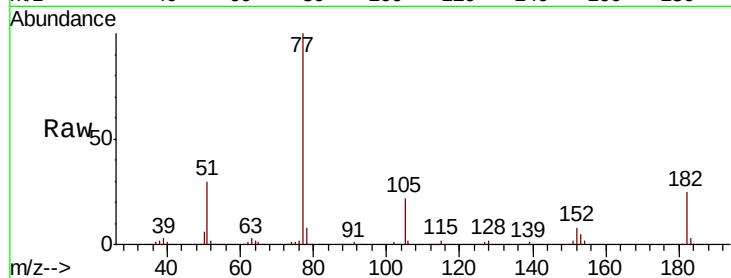




#63
Azobenzene
Concen: 7.386 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

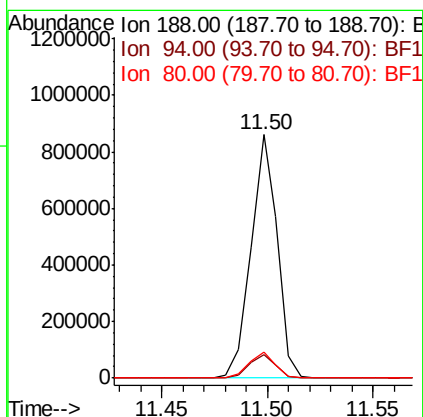
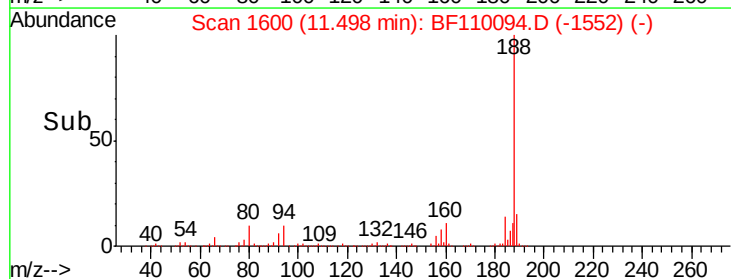
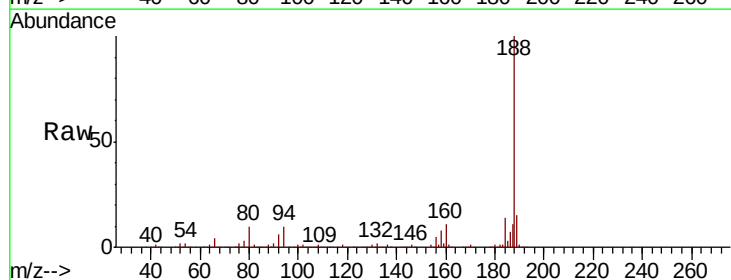
Instrument :
BNA_F
ClientSampleId :

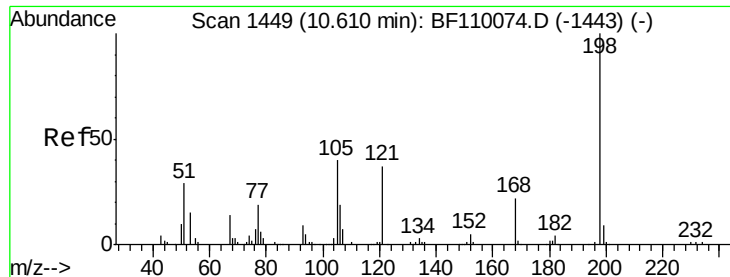
Tot Ion:	77	Resp:	206209
Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.3	44.3
105	21.9	1.3	41.3
51	30.2	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:	188	Resp:	742895
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.4	7.9	11.9

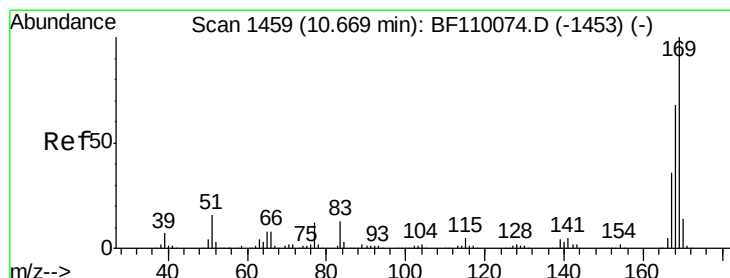
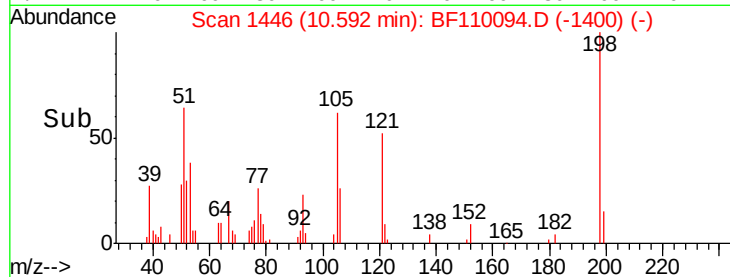
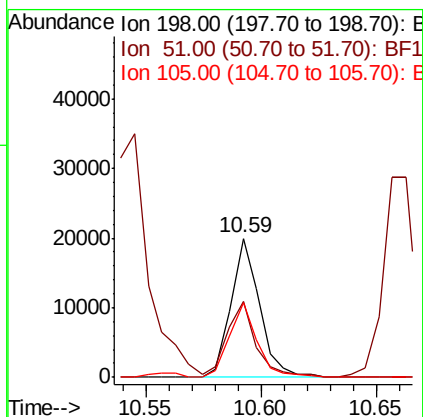
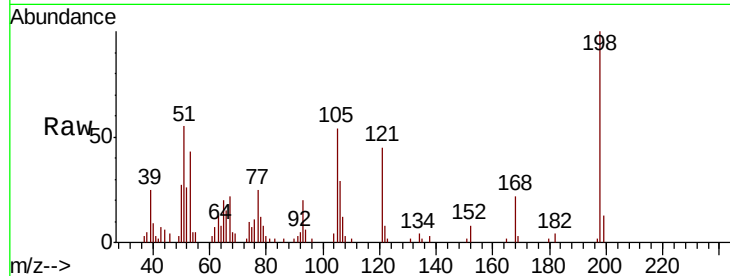




#65
4,6-Dinitro-2-methylphenol
Concen: 5.095 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.03 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

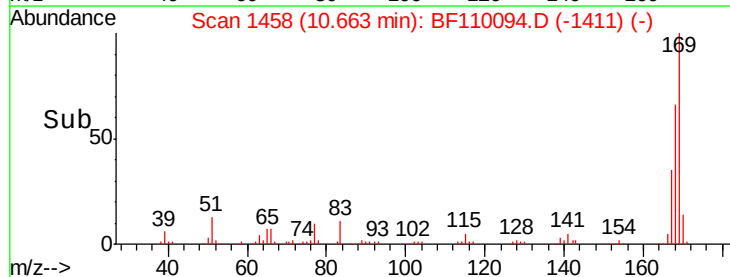
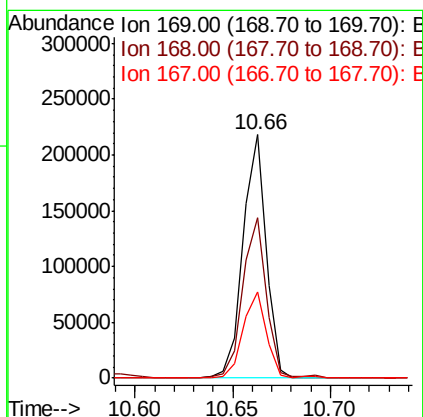
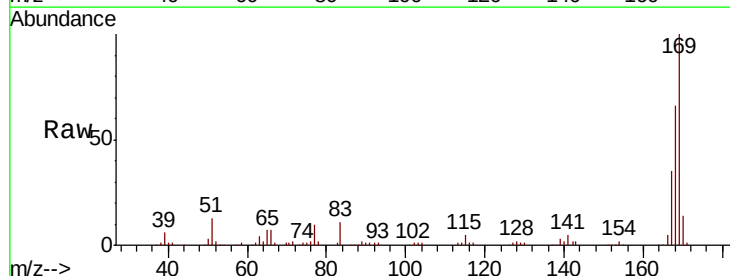
Instrument :
BNA_F
ClientSampled :

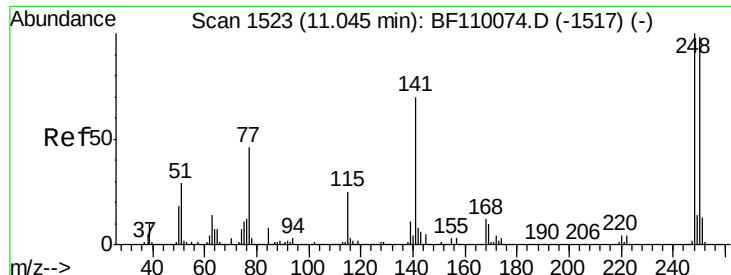
Tot Ion:198 Resp: 17294
Ion Ratio Lower Upper
198 100
51 54.9 22.8 62.8
105 53.8 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 7.358 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:169 Resp: 179293
Ion Ratio Lower Upper
169 100
168 66.0 51.2 76.8
167 35.5 27.8 41.6

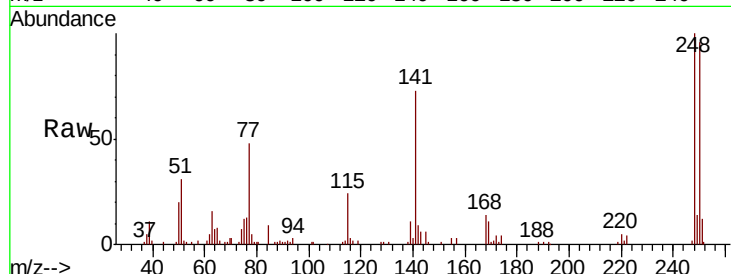




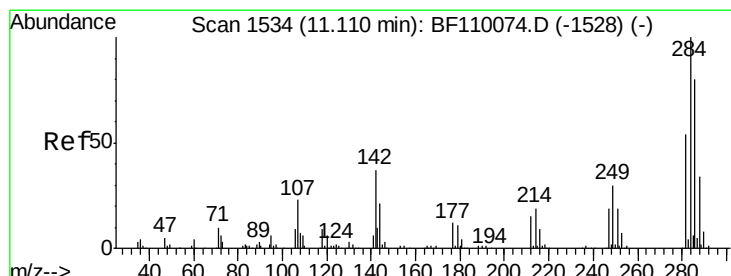
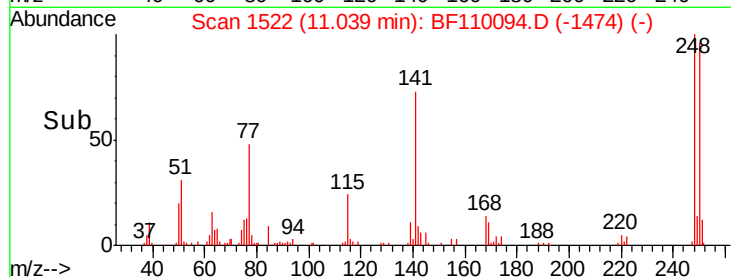
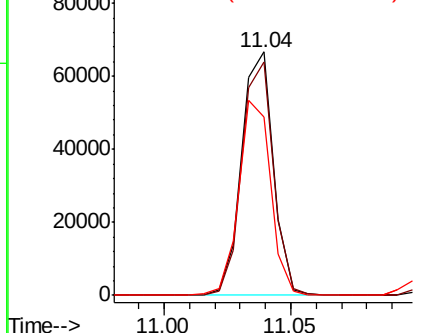
#67
 4-Bromophenyl-phenylether
 Concen: 7.183 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 57886
 Ion Ratio Lower Upper
 248 100
 250 96.1 79.4 119.2
 141 73.0 55.9 83.9

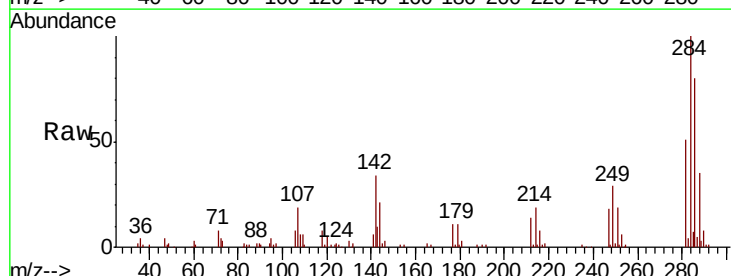


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

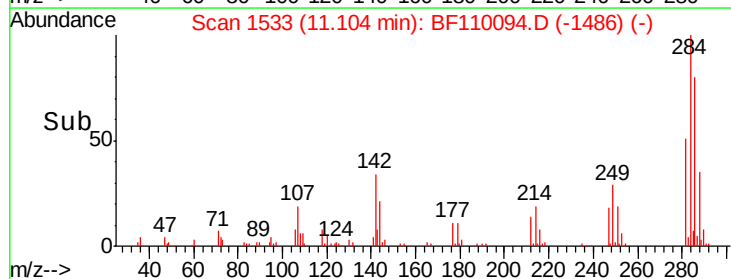
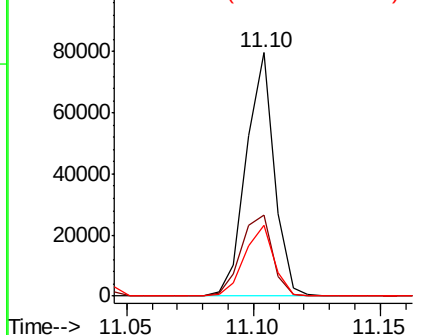


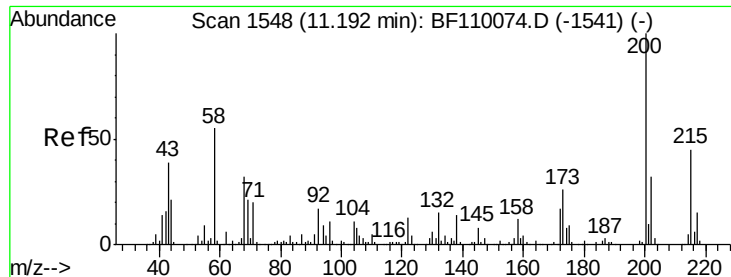
#68
 Hexachlorobenzene
 Concen: 7.197 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Tgt Ion:284 Resp: 61532
 Ion Ratio Lower Upper
 284 100
 142 33.6 23.9 35.9
 249 29.3 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

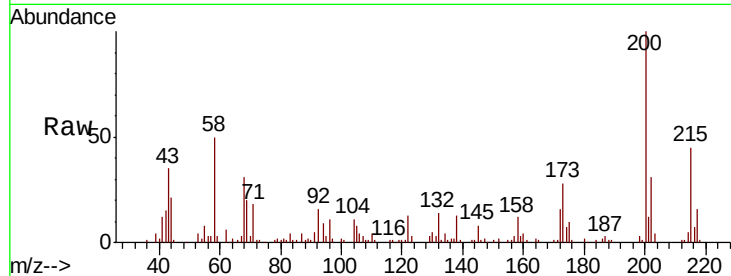




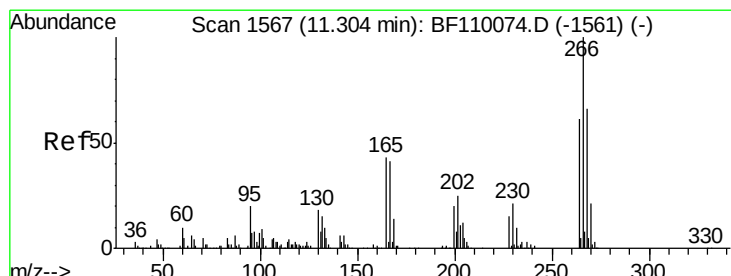
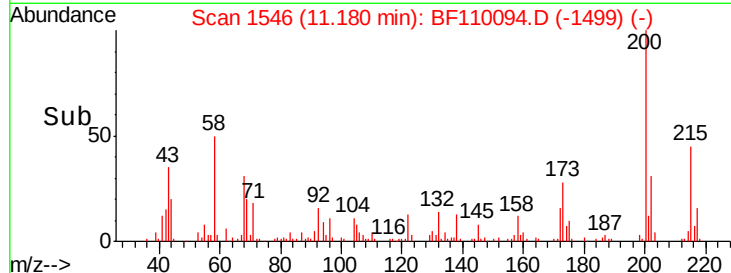
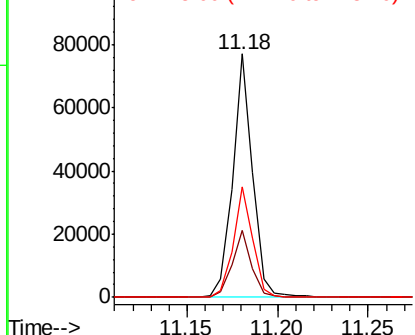
#69
 Atrazine
 Concen: 7.613 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 58622
 Ion Ratio Lower Upper
 200 100
 173 27.7 6.6 46.6
 215 45.2 26.3 66.3

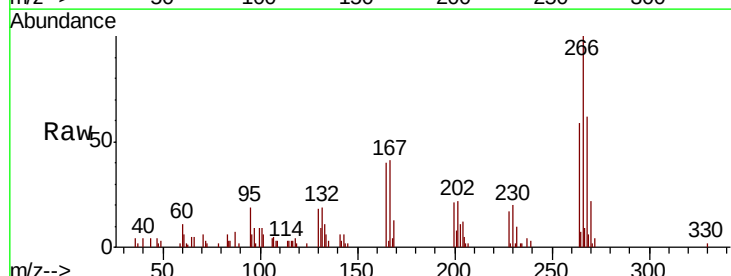


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

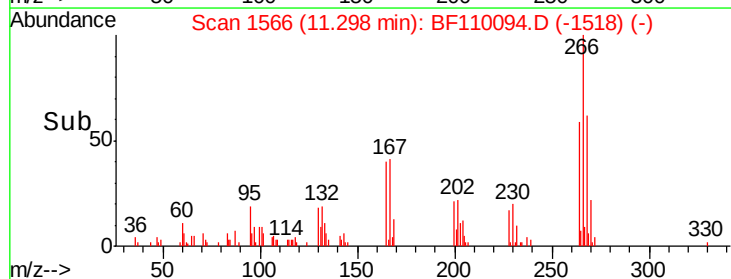
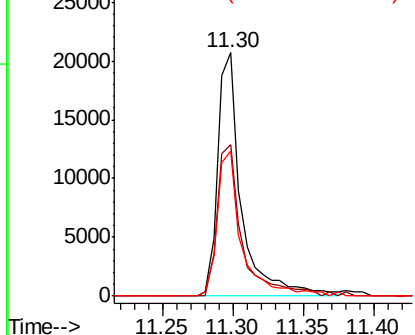


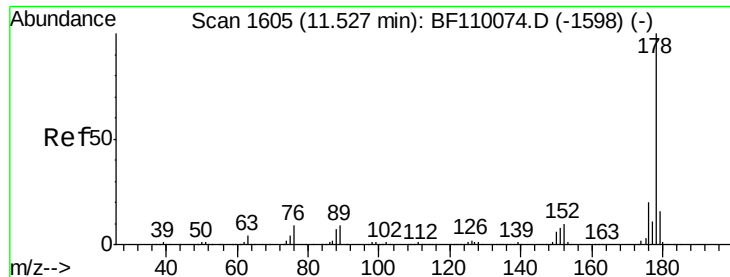
#70
 Pentachlorophenol
 Concen: 4.875 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Tgt Ion:266 Resp: 24307
 Ion Ratio Lower Upper
 266 100
 268 62.0 50.6 75.8
 264 59.4 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: 8.126 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

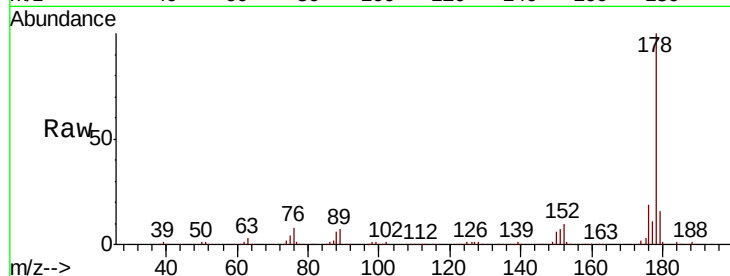
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 315877

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.5	18.7

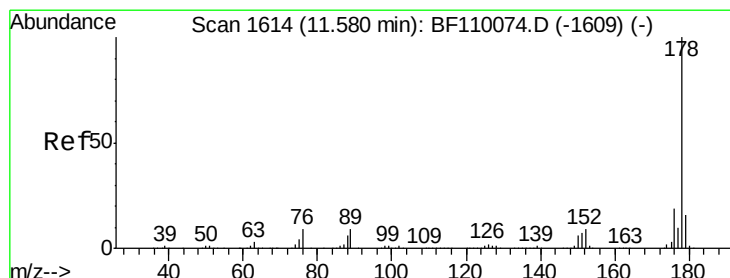
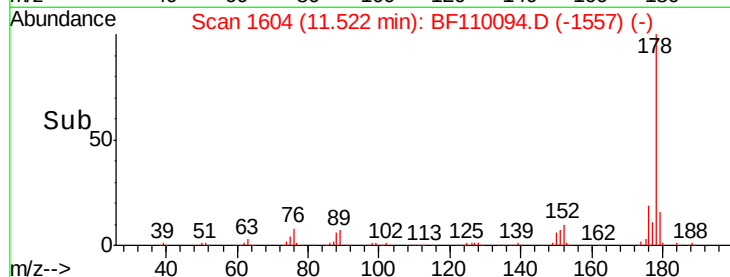
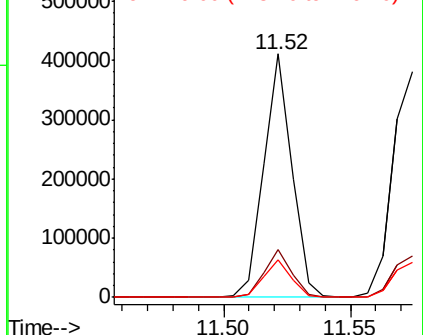


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 8.292 ng

RT: 11.57 min Scan# 1613

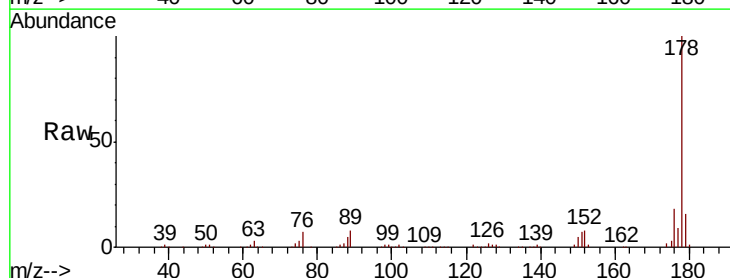
Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Tgt Ion:178 Resp: 323074

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.6	12.6	18.8

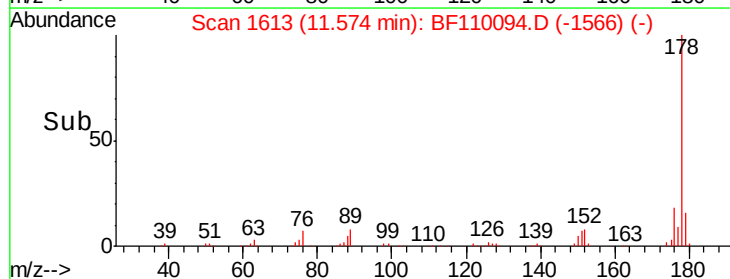
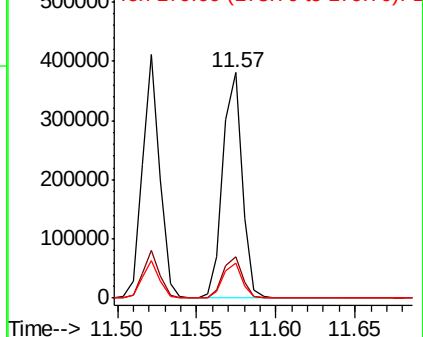


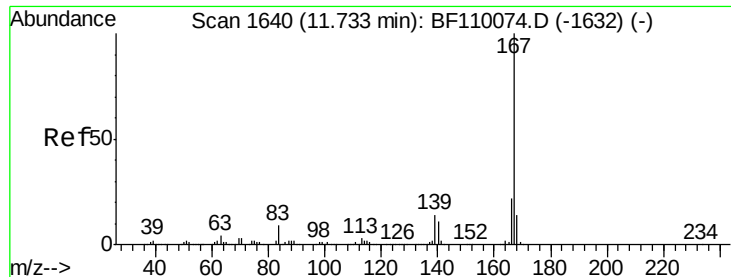
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

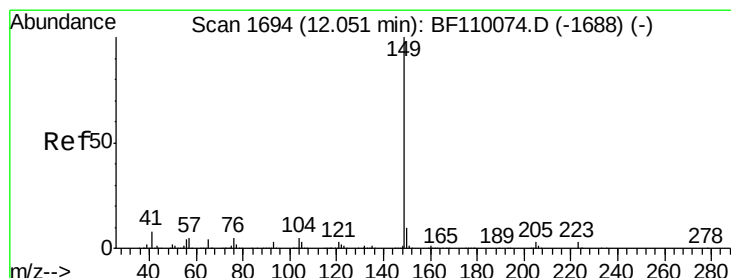
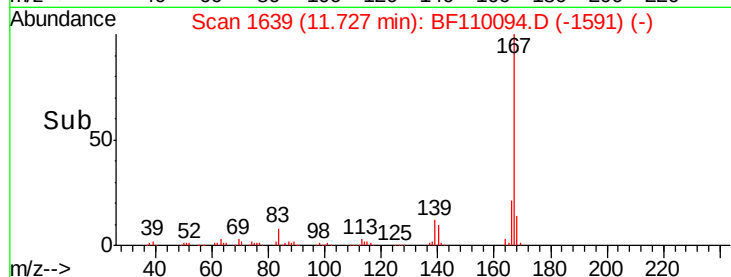
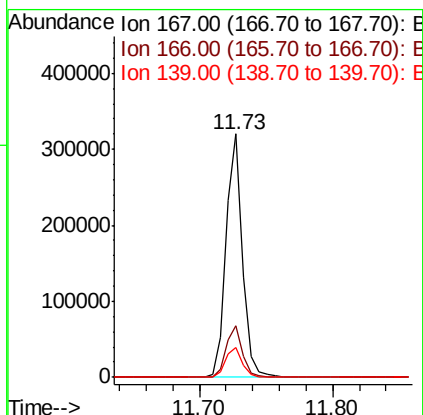
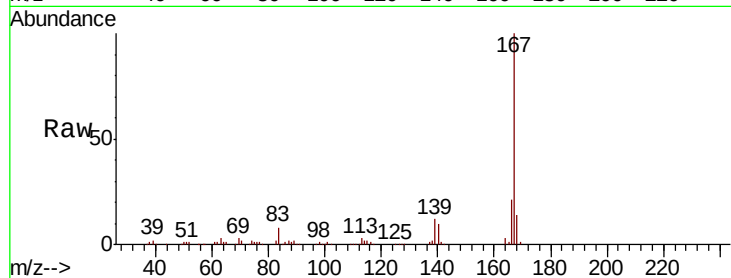




#73
 Carbazole
 Concen: 7.322 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

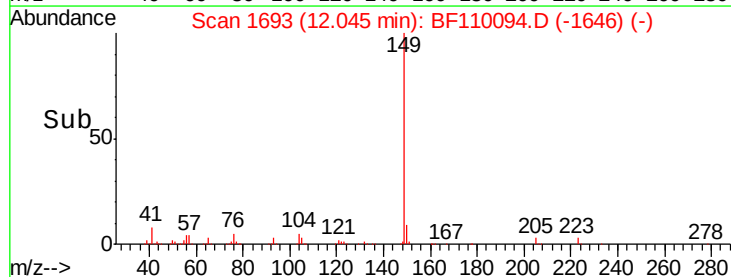
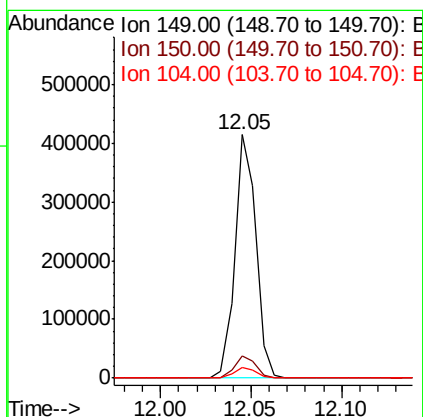
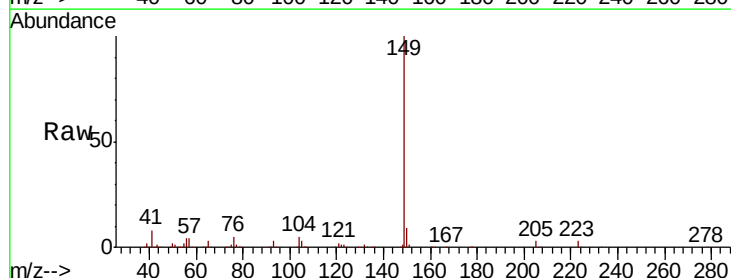
Instrument :
 BNA_F
 ClientSampleId :

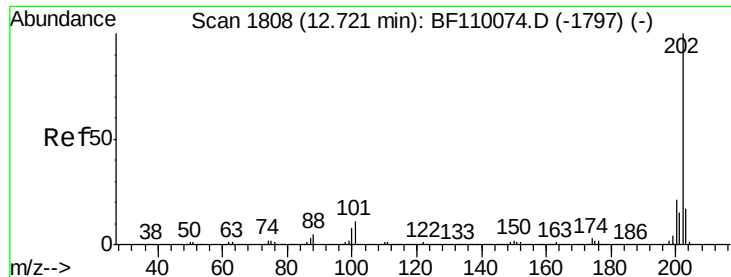
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	12.1	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 7.754 ng
 RT: 12.05 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BF110094.D
 Acq: 23 Oct 2018 22:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.5	4.2	6.4

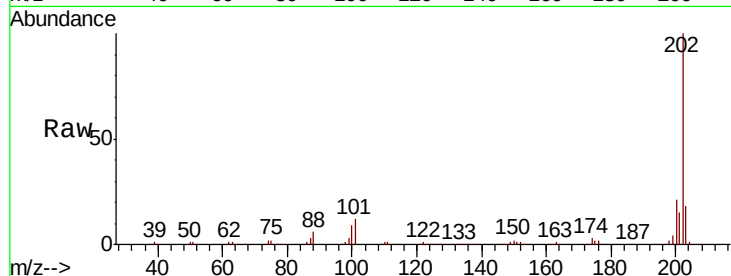




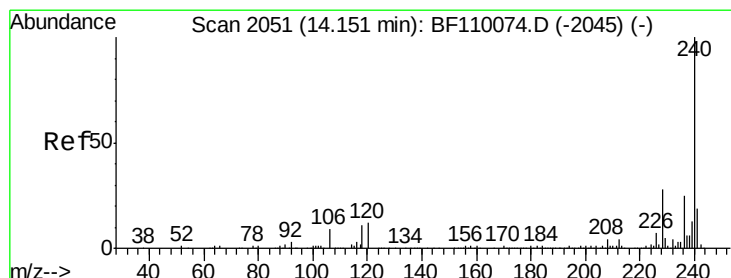
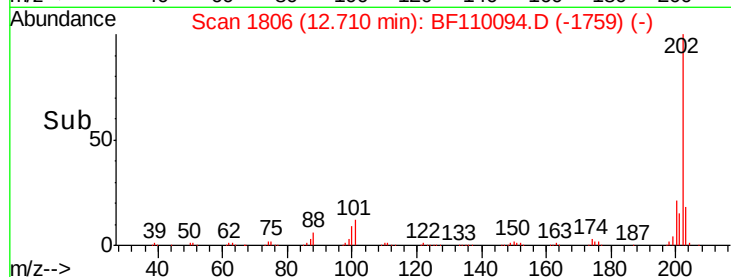
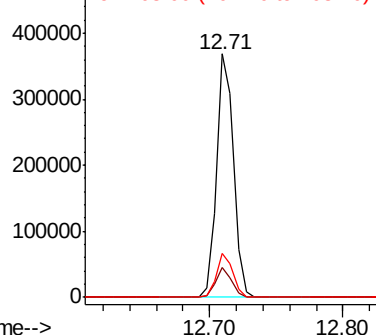
#75
Fluoranthene
Concen: 8.073 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.4
203	17.9	0.0	37.7

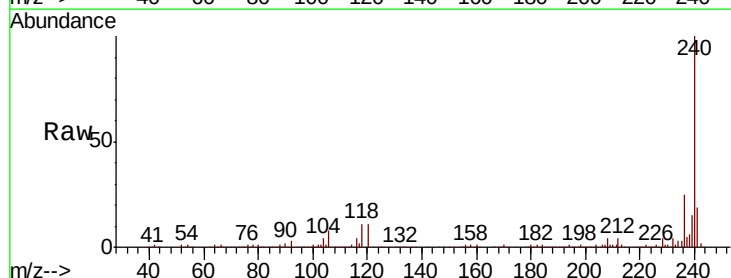


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

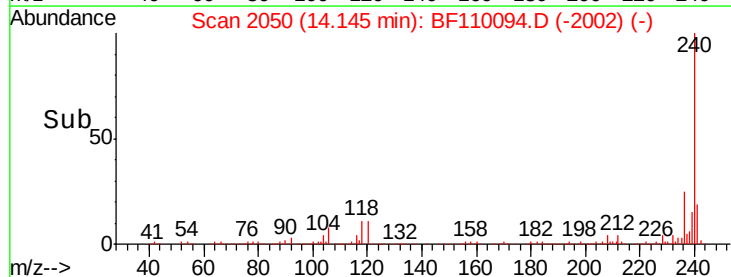
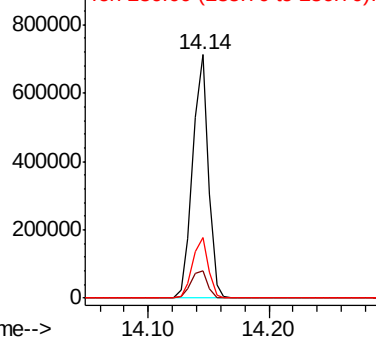


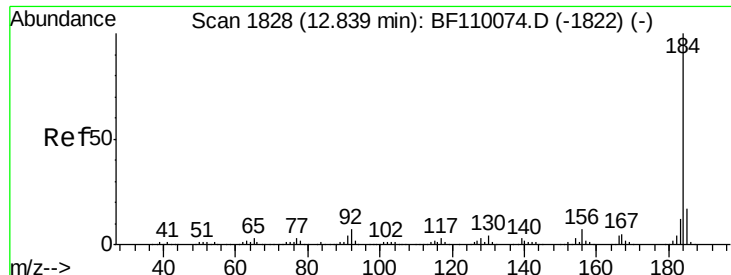
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	25.0	21.2	31.8



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

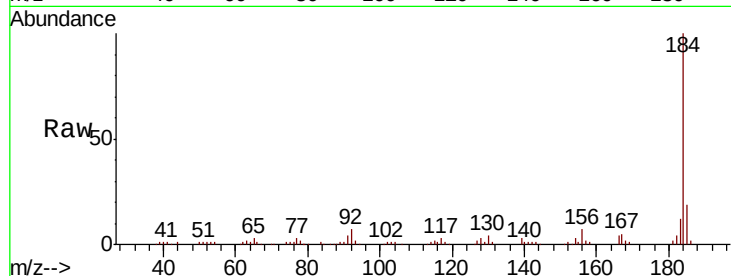




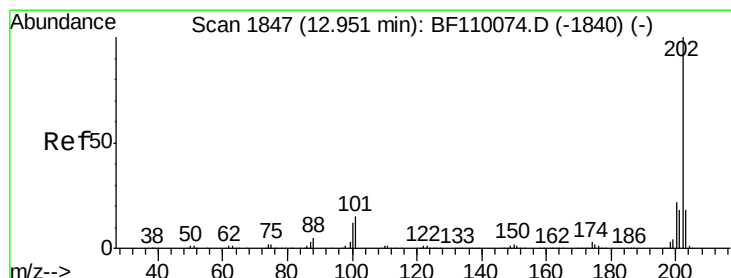
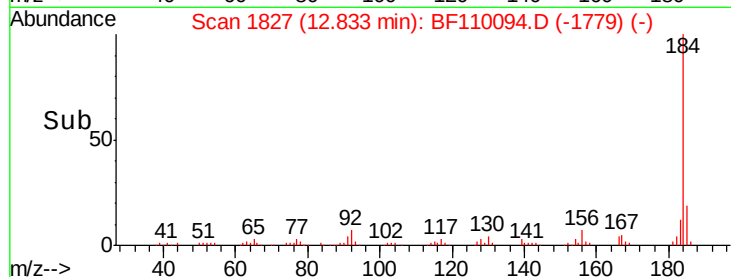
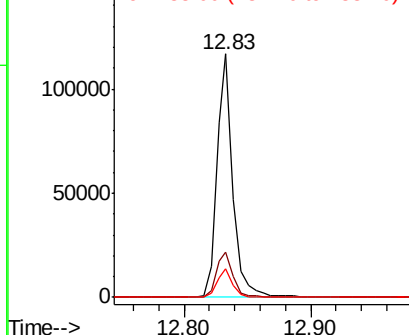
#77
Benzidine
Concen: 3.977 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 103387
Ion Ratio Lower Upper
184 100
185 18.5 13.4 20.2
183 11.8 9.4 14.2

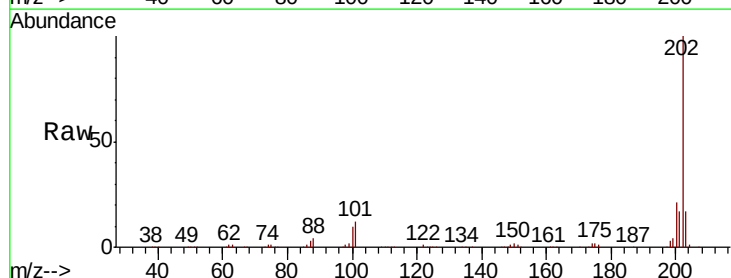


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

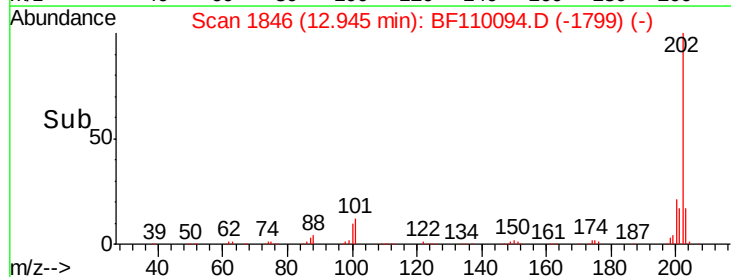
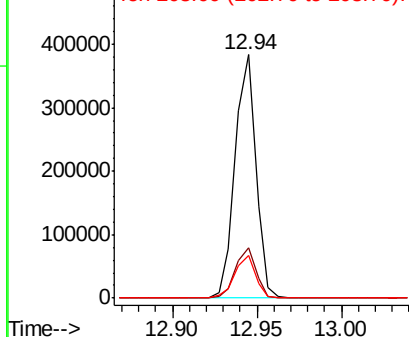


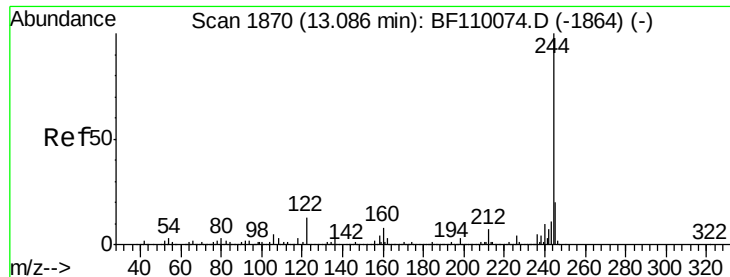
#78
Pyrene
Concen: 7.210 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:202 Resp: 327758
Ion Ratio Lower Upper
202 100
200 20.8 17.8 26.6
203 17.3 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: 60.339 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

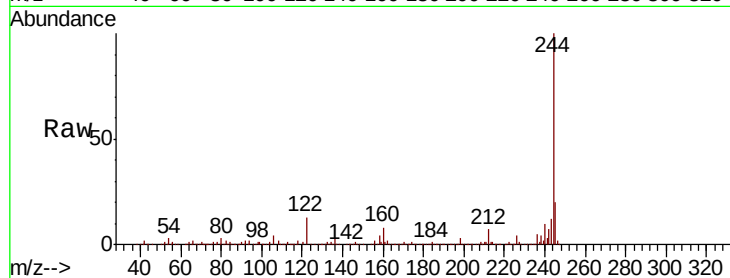
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1839758

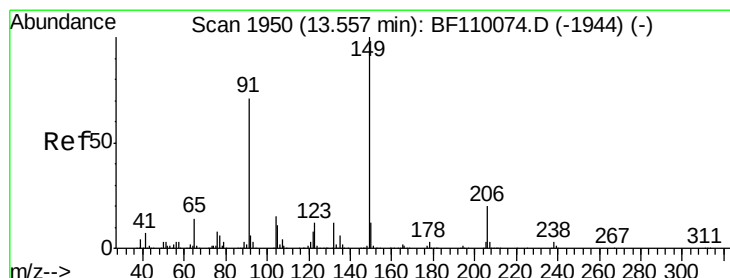
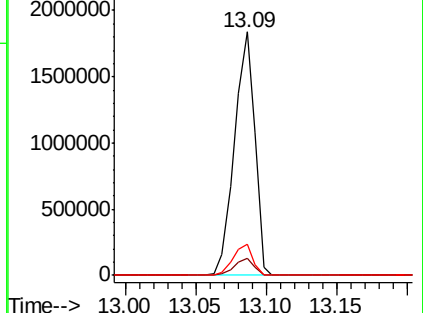
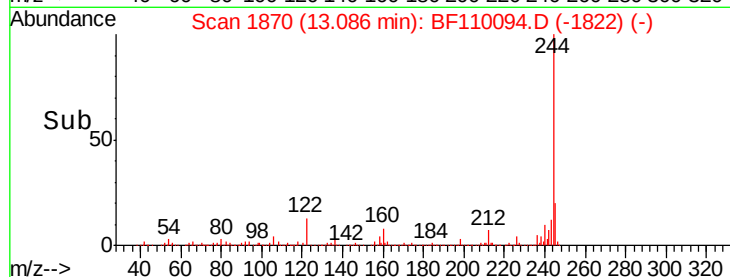
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.9	8.7	13.1



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: 6.649 ng

RT: 13.55 min Scan# 1949

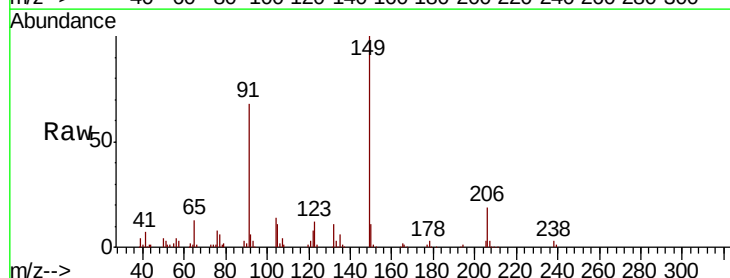
Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Tgt Ion:149 Resp: 131198

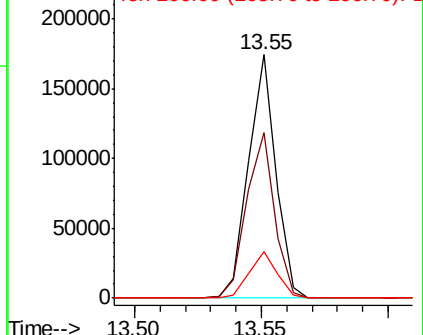
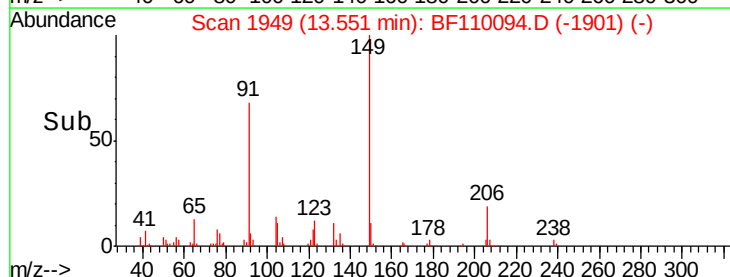
Ion	Ratio	Lower	Upper
149	100		
91	68.3	57.2	85.8
206	19.0	15.7	23.5

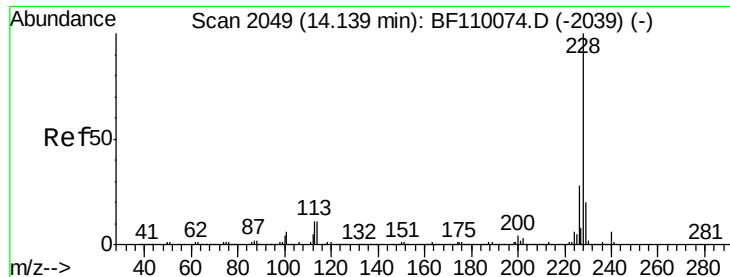


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 7.522 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampleId :

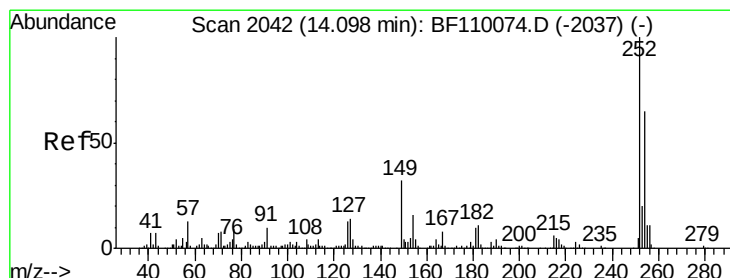
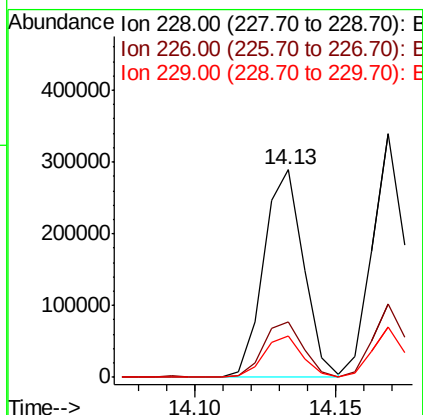
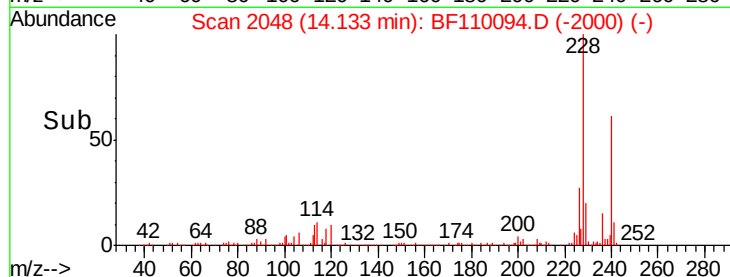
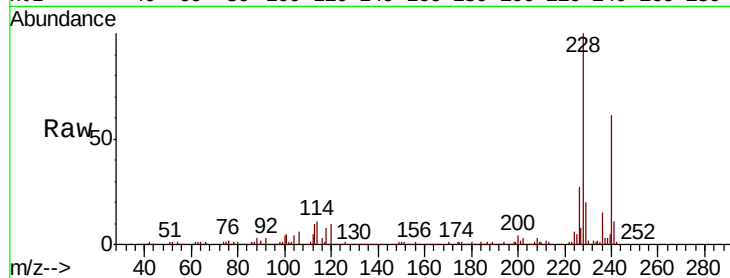
Tot Ion:228 Resp: 282864

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

229 20.0 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 5.353 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

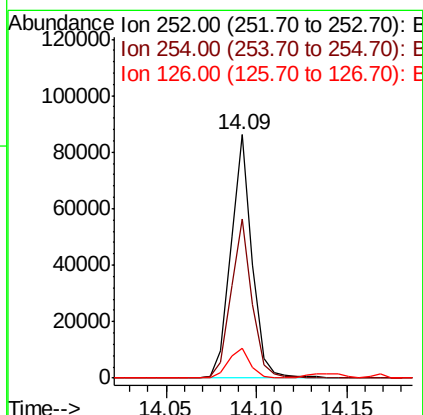
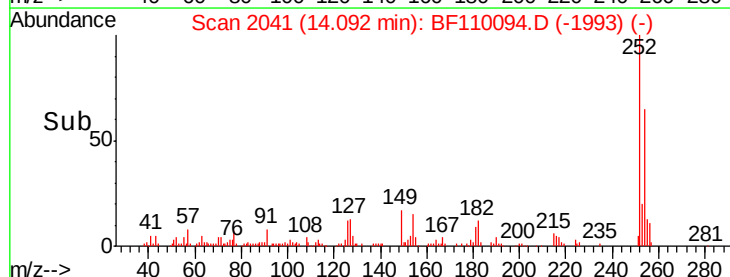
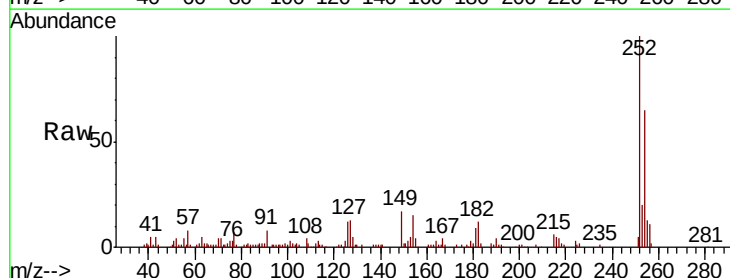
Tgt Ion:252 Resp: 70088

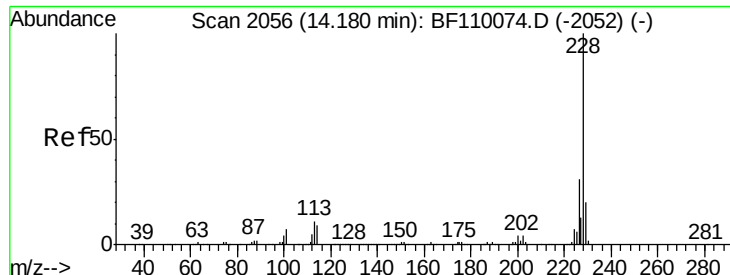
Ion Ratio Lower Upper

252 100

254 65.3 51.3 76.9

126 12.5 9.4 14.2





#83

Chrysene

Concen: 7.537 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampled :

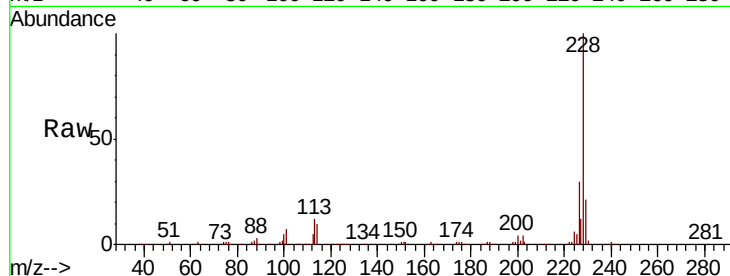
Tot Ion:228 Resp: 269198

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

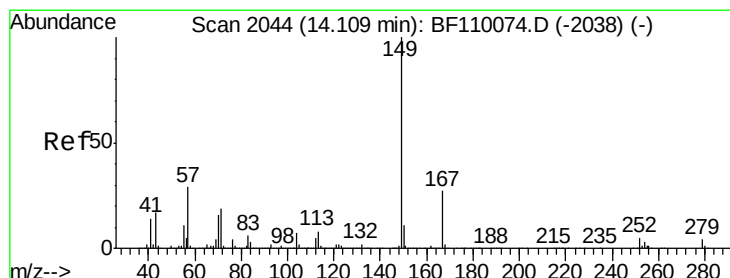
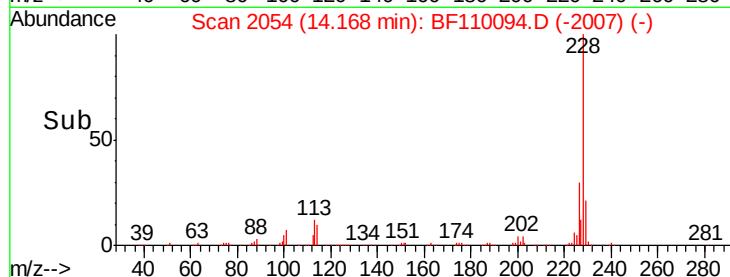
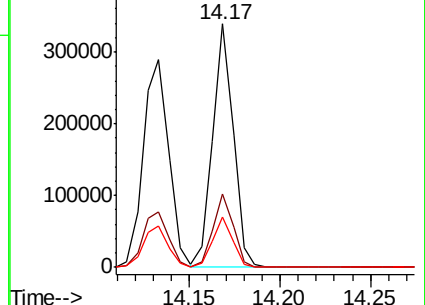
229 20.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.994 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

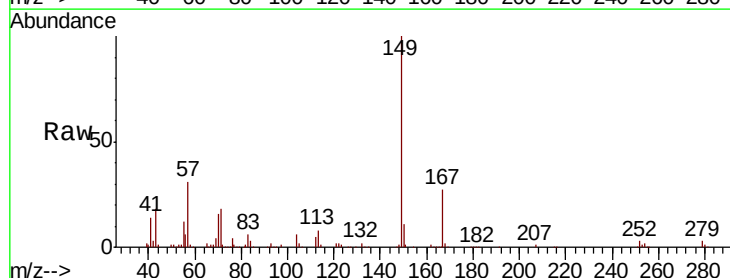
Tgt Ion:149 Resp: 186560

Ion Ratio Lower Upper

149 100

167 26.6 19.8 29.8

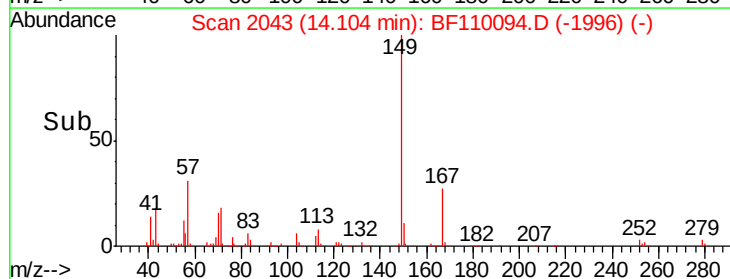
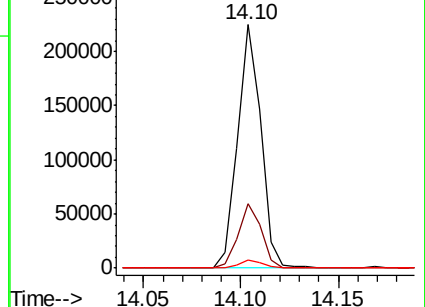
279 3.4 2.7 4.1

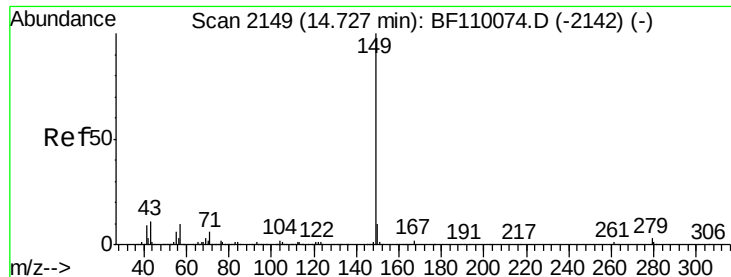


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

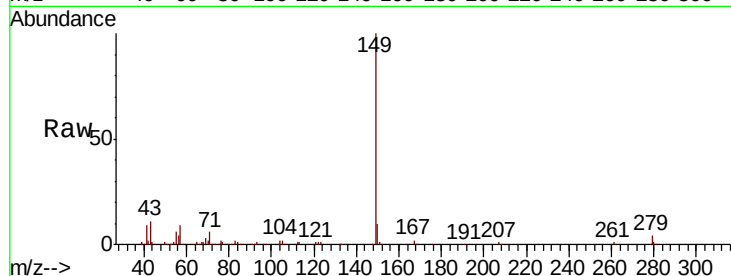




#85
Di-n-octyl phthalate
Concen: 7.031 ng
RT: 14.72 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.5	7.8	11.8

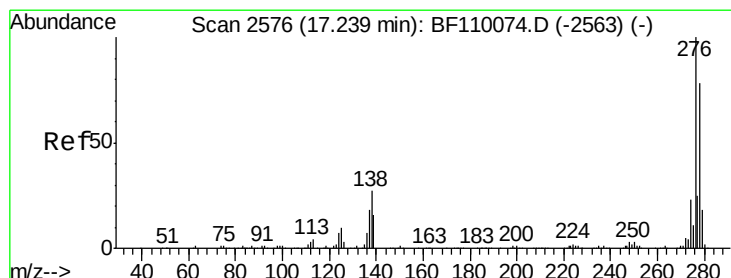
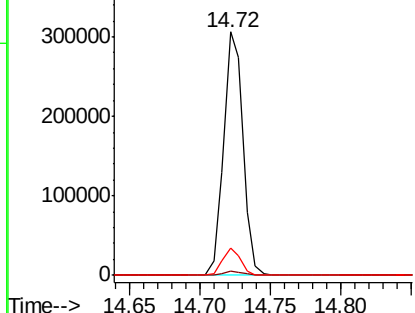
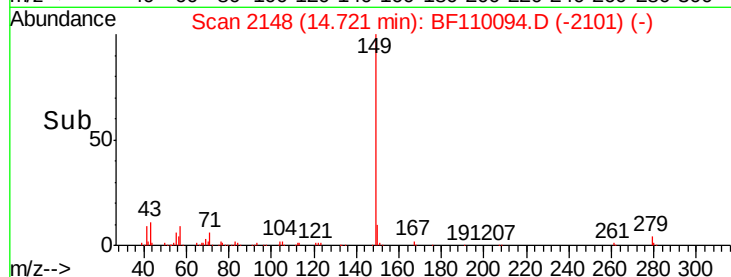


Abundance

Ion 149.00 (148.70 to 149.70): E

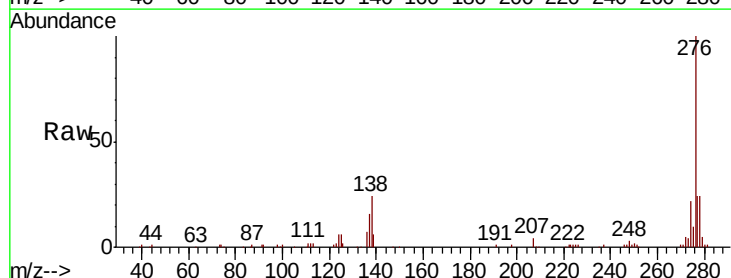
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 7.071 ng
RT: 17.21 min Scan# 2571
Delta R.T. -0.05 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	18.5	27.7#
277	24.9	20.0	30.0

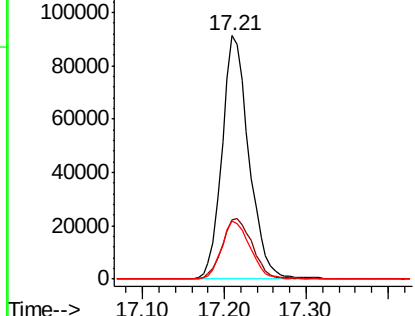
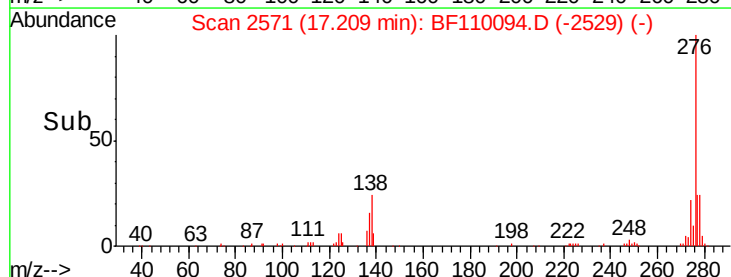


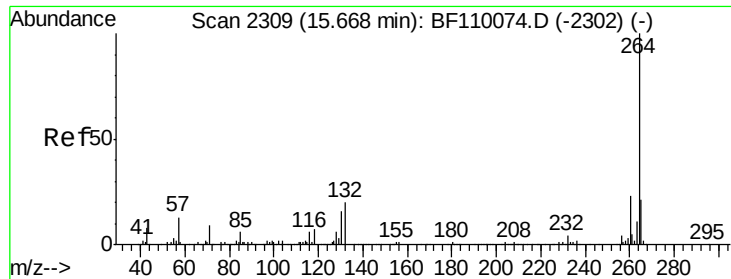
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

Instrument :

BNA_F

ClientSampled :

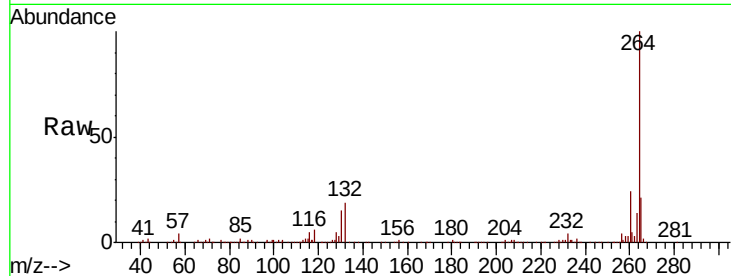
Tot Ion:264 Resp: 539976

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

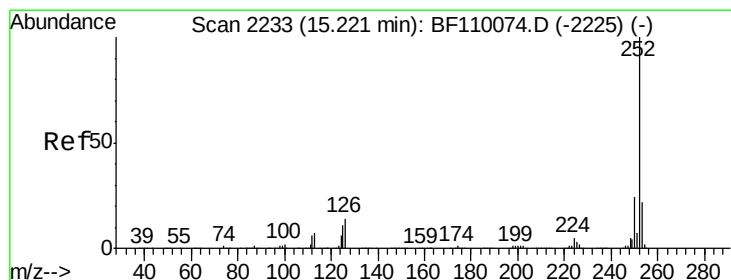
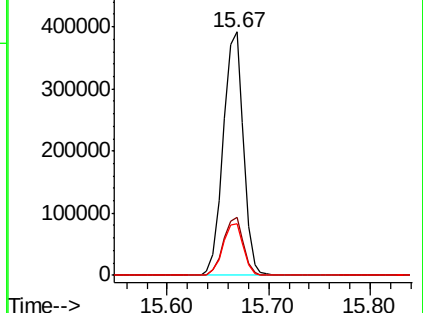
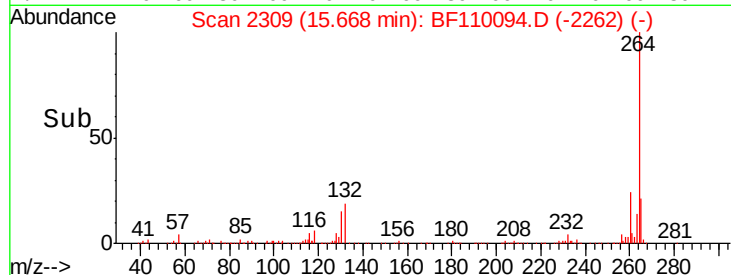
265 21.5 16.7 25.1



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: 7.570 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.02 min

Lab File: BF110094.D

Acq: 23 Oct 2018 22:54

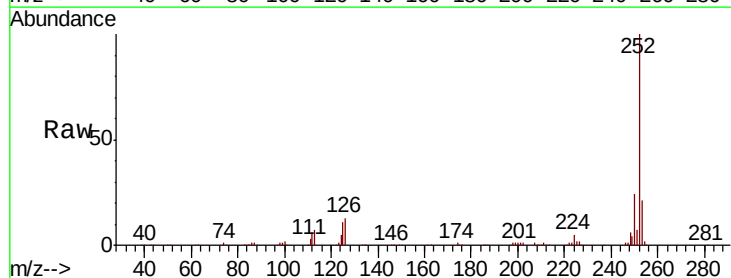
Tgt Ion:252 Resp: 236036

Ion Ratio Lower Upper

252 100

253 21.0 17.2 25.8

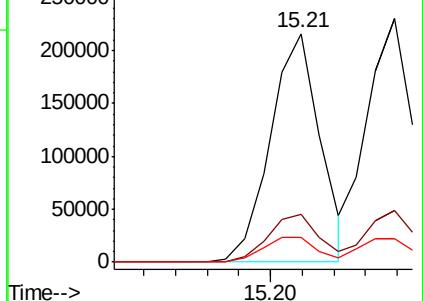
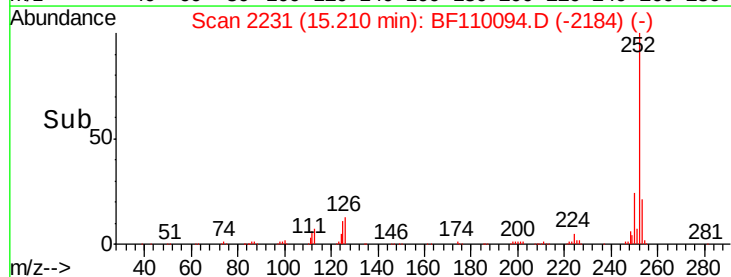
125 10.7 8.2 12.4

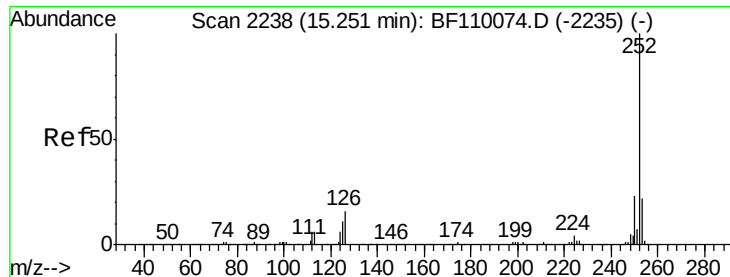


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

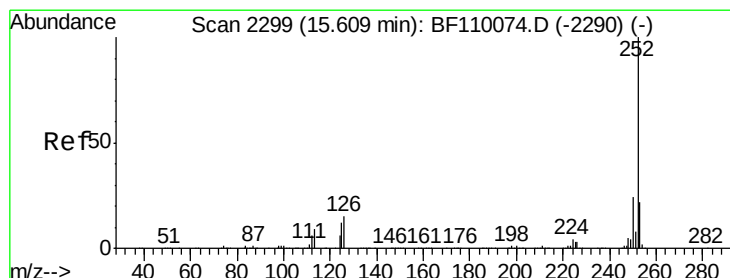
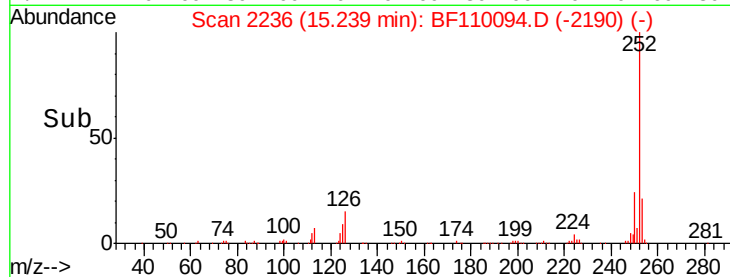
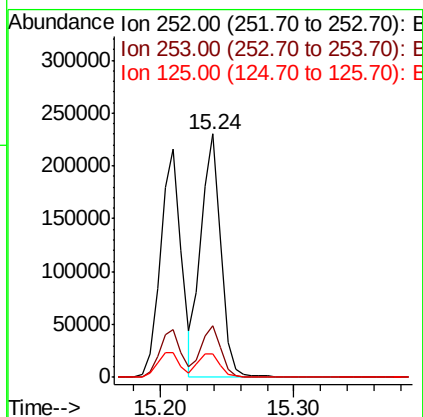
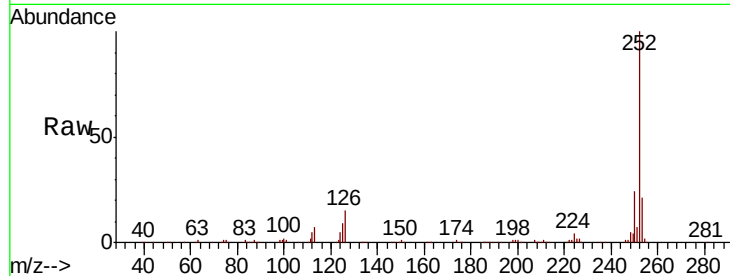




#89
Benzo(k)fluoranthene
Concen: 7.761 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

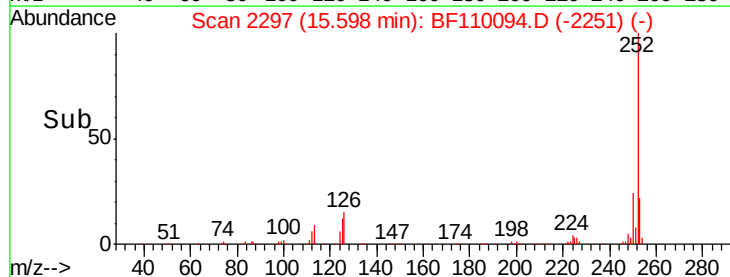
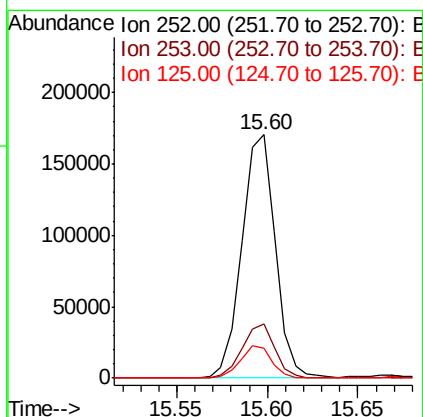
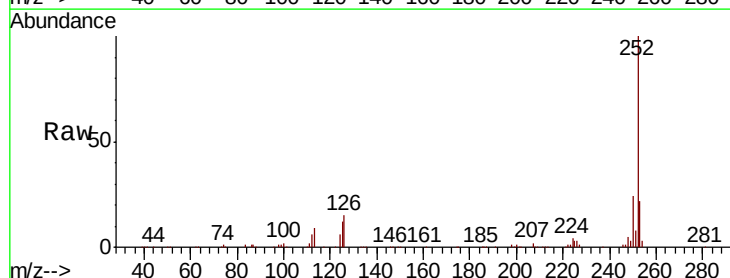
Instrument :
BNA_F
ClientSampleId :

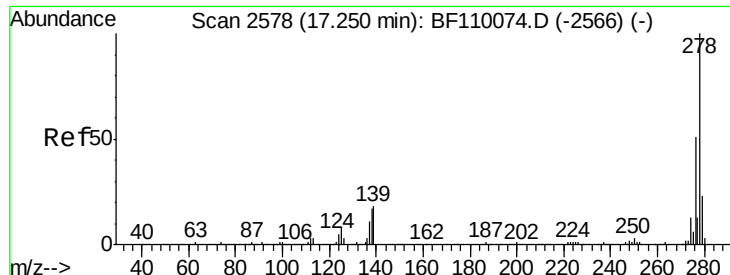
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	9.5	7.4	11.0



#90
Benzo(a)pyrene
Concen: 7.623 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	12.2	9.0	13.6



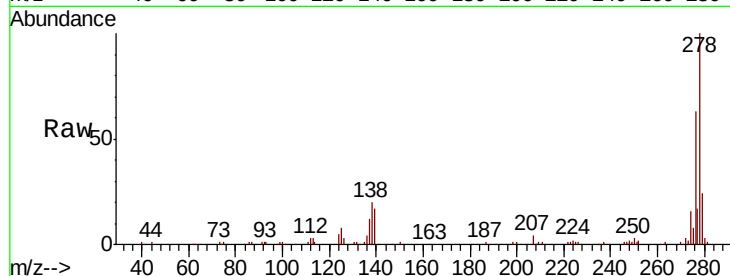


#91
Dibenzo(a,h)anthracene
Concen: 7.077 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.05 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

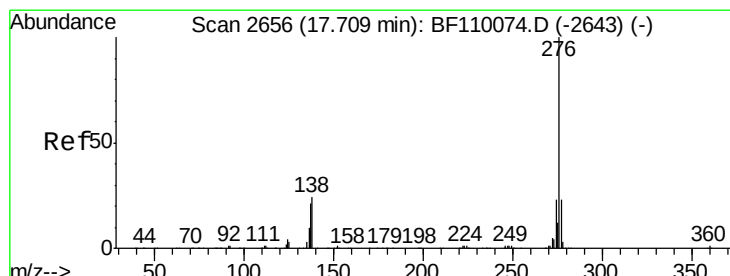
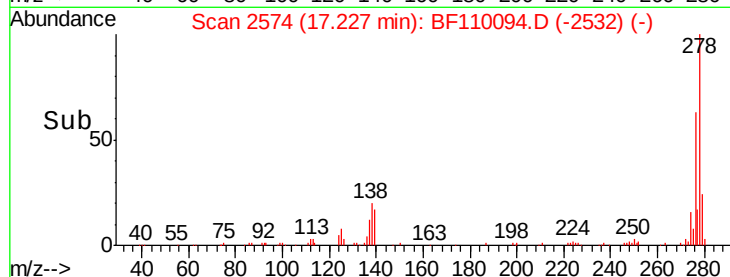
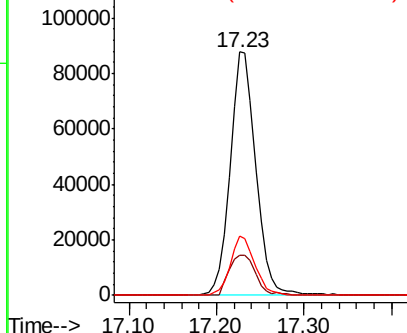
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 175215

Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.7	19.1
279	24.4	19.0	28.4



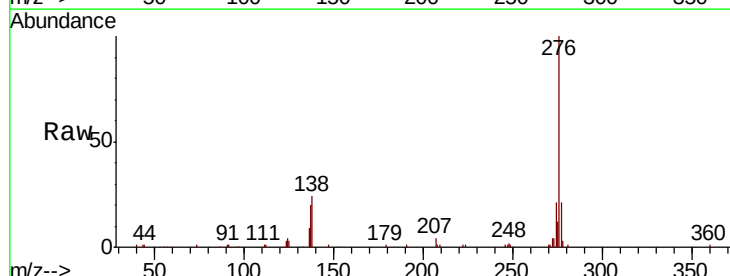
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 6.751 ng
RT: 17.69 min Scan# 2652
Delta R.T. -0.05 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:276 Resp: 164688

Ion	Ratio	Lower	Upper
276	100		
277	21.4	18.8	28.2
138	23.9	16.0	24.0



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

