

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103194.D
 Acq On : 23 Feb 2018 12:52
 Operator : SJ/JU
 Sample : J1161-07
 Misc : LOD-S-1ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 13:25:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	178708	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	781737	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	363678	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	649606	20.00	ng	0.00
75) Chrysene-d12	14.08	240	480546	20.00	ng	0.03
86) Perylene-d12	15.63	264	464650	20.00	ng	0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1334427	112.93	ng	0.00
7) Phenol-d6	6.50	99	1637811	113.28	ng	0.00
23) Nitrobenzene-d5	7.44	82	1200917	87.73	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	369620	120.07	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1776373	83.86	ng	0.00
78) Terphenyl-d14	12.99	244	1478739	73.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	5319	0.852	ng	# 88
4) n-Nitrosodimethylamine	3.49	42	983	0.146	ng	# 42
6) Aniline	6.54	93	21927	1.051	ng	# 85
8) 2-Chlorophenol	6.66	128	13666	1.113	ng	93
9) Benzaldehyde	6.43	77	7715	0.172	ng	94
10) Phenol	6.52	94	18386	1.095	ng	82
11) bis(2-Chloroethyl)ether	6.60	93	14608	1.147	ng	91
12) 1,3-Dichlorobenzene	6.81	146	15633	1.114	ng	97
13) 1,4-Dichlorobenzene	6.89	146	16237	1.155	ng	97
14) 1,2-Dichlorobenzene	6.89	146	16237	1.252	ng	96
15) Benzyl Alcohol	7.02	79	28668	2.631	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	7.14	45	24471	1.119	ng	84
17) 2-Methylphenol	7.12	107	11895	1.066	ng	# 94
18) Hexachloroethane	7.38	117	5320	1.039	ng	92
19) n-Nitroso-di-n-propylamine	7.27	70	11549	1.283	ng	97
20) 3+4-Methylphenols	7.29	107	15659	1.152	ng	# 76
22) Acetophenone	7.27	105	22893	1.255	ng	# 91
24) Nitrobenzene	7.45	77	19807	1.314	ng	93
25) Isophorone	7.44	82	1200917	44.545	ng	# 64
26) 2-Nitrophenol	7.77	139	5732	0.808	ng	97
27) 2,4-Dimethylphenol	7.81	122	10228	0.943	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	17561	1.108	ng	96
29) 2,4-Dichlorophenol	8.03	162	9856	0.949	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	11541	1.044	ng	97
31) Naphthalene	8.17	128	43868	1.146	ng	99
32) Benzoic acid	7.90	122	479	6.965	ng	# 79
33) 4-Chloroaniline	8.23	127	15587	0.944	ng	96
34) Hexachlorobutadiene	8.29	225	6454	1.121	ng	94
35) Caprolactam	8.56	113	3223	0.883	ng	# 84
36) 4-Chloro-3-methylphenol	8.71	107	11797	1.007	ng	99
37) 2-Methylnaphthalene	8.87	142	29202	1.181	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	10759	1.082	ng	99
42) 2,4,6-Trichlorophenol	9.15	196	6676	0.998	ng	85
43) 2,4,5-Trichlorophenol	9.20	196	6498	0.845	ng	97

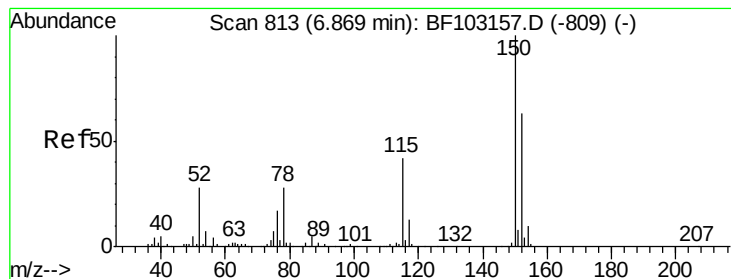
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
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 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.33	154	40306	1.323	nq	97
46) 2-Chloronaphthalene	9.36	162	28011	1.162	nq	98
47) 2-Nitroaniline	9.46	65	8405	0.941	nq	# 79
48) Acenaphthylene	9.77	152	43367	1.169	nq	99
49) Dimethylphthalate	9.62	163	32187	1.103	nq	99
50) 2,6-Dinitrotoluene	9.69	165	6051	0.988	nq	89
51) Acenaphthene	9.94	154	25971	1.201	nq	97
52) 3-Nitroaniline	9.87	138	6300	0.811	nq	83
54) Dibenzofuran	10.12	168	37212	1.253	nq	97
55) 4-Nitrophenol	10.07	139	745	0.155	nq	# 64
56) 2,4-Dinitrotoluene	10.10	165	7094	0.916	nq	# 67
57) Fluorene	10.46	166	29837	1.180	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	4954	0.958	nq	# 97
59) Diethylphthalate	10.32	149	31919	1.144	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	12821	1.195	nq	95
61) 4-Nitroaniline	10.49	138	6430	0.829	nq	94
62) Azobenzene	10.61	77	33119	1.166	nq	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	769	5.120	nq	# 49
65) n-Nitrosodiphenylamine	10.56	169	25652	1.134	nq	95
66) 4-Bromophenyl-phenylether	10.94	248	6971	1.030	nq	95
67) Hexachlorobenzene	11.00	284	7938	1.081	nq	93
68) Atrazine	11.09	200	6142	0.903	nq	94
69) Pentachlorophenol	11.23	266	1146	0.323	nq	# 58
70) Phenanthrene	11.42	178	42000	1.175	nq	97
71) Anthracene	11.47	178	41301	1.127	nq	98
72) Carbazole	11.64	167	39014	1.069	nq	99
73) Di-n-butylphthalate	11.95	149	50381	1.103	nq	98
74) Fluoranthene	12.62	202	39424	1.097	nq	97
76) Benzidine	12.74	184	9467	0.527	nq	# 91
77) Pyrene	12.85	202	41193	1.099	nq	97
79) Butylbenzylphthalate	13.46	149	18454	0.932	nq	97
80) Benzo(a)anthracene	14.07	228	32962	1.057	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	10456	0.940	nq	90
82) Chrysene	14.10	228	33176	1.096	nq	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	27604	1.033	nq	# 97
84) Di-n-octyl phthalate	14.71	149	43456	1.007	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.16	276	25829	1.078	nq	# 91
87) Benzo(b)fluoranthene	15.19	252	28153	0.922	nq	# 97
88) Benzo(k)fluoranthene	15.19	252	28153	0.979	nq	97
89) Benzo(a)pyrene	15.56	252	26941	0.988	nq	# 93
90) Dibenzo(a,h)anthracene	17.17	278	21396	1.015	nq	98
91) Benzo(g,h,i)perylene	17.62	276	22240	1.079	nq	# 94

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

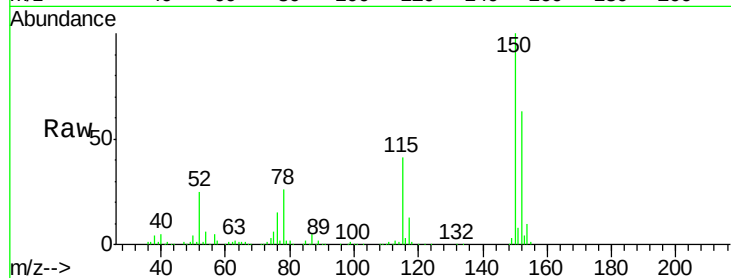


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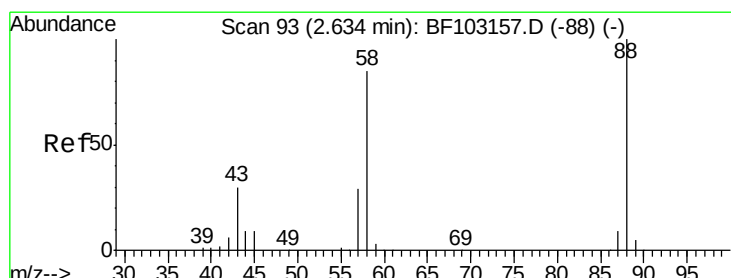
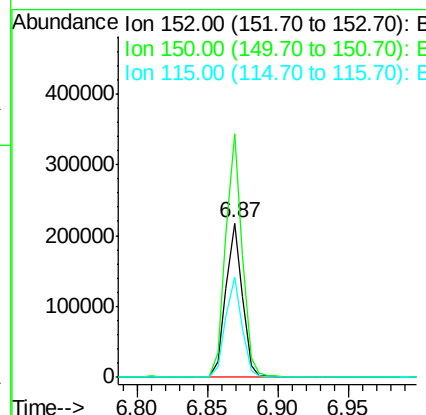
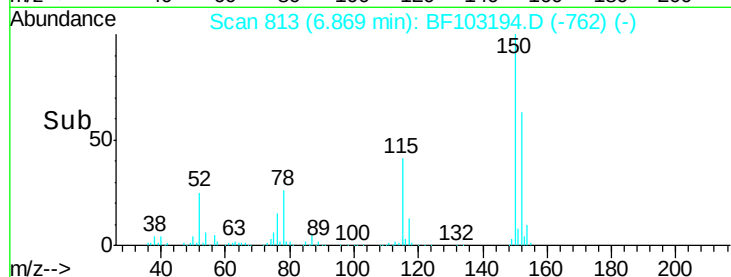
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 178708
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 65.2 50.1 75.1



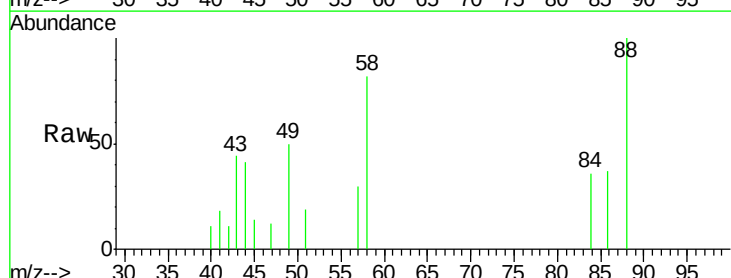
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



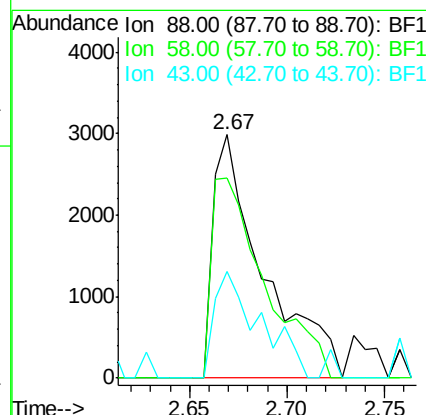
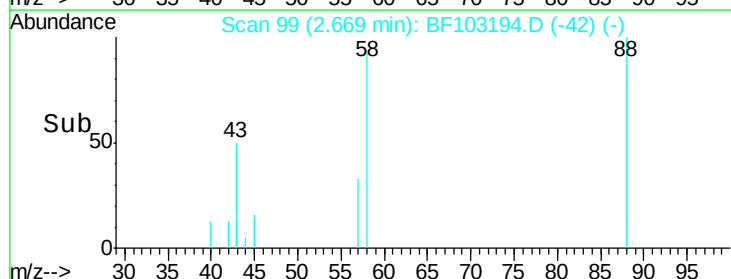
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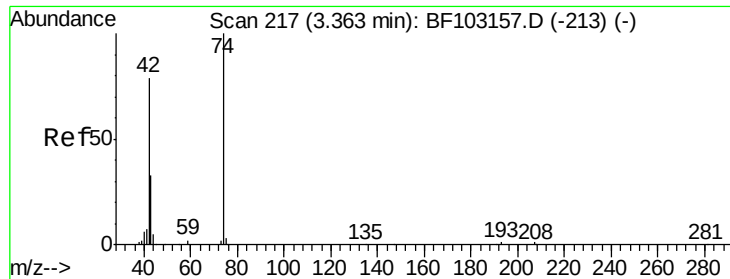
1,4-Dioxane
Concen: 0.852 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.04 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion: 88 Resp: 5319
Ion Ratio Lower Upper
88 100
58 86.9 62.6 93.8
43 39.9 24.6 37.0#



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





#4

n-Nitrosodimethylamine

Concen: 0.146 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.13 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampled :

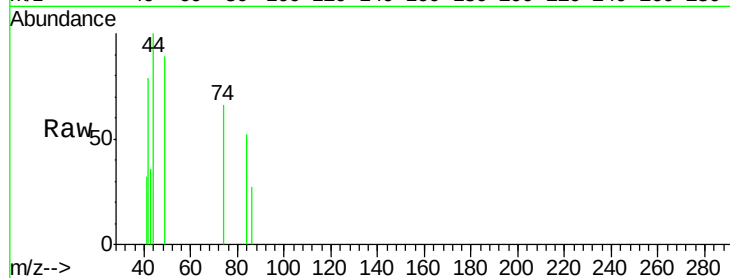
Tot Ion: 42 Resp: 983

Ion Ratio Lower Upper

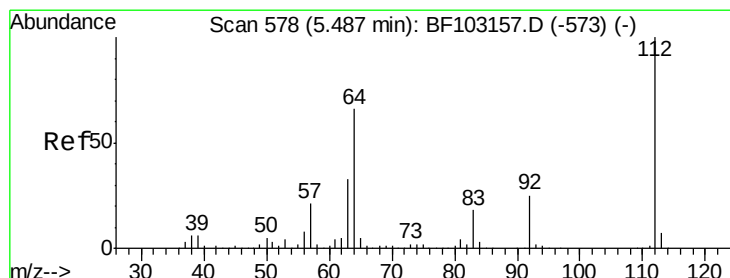
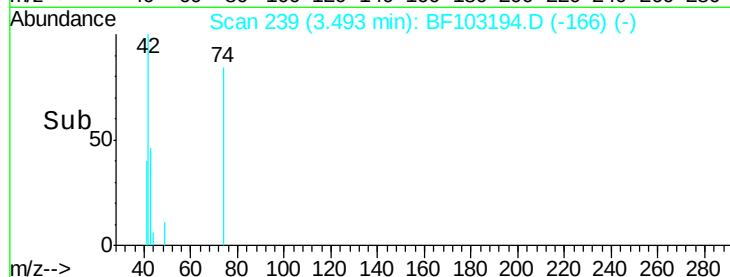
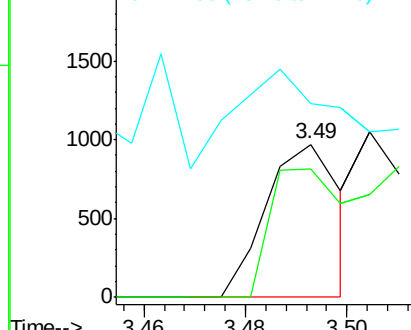
42 100

74 84.1 104.9 157.3#

44 127.1 6.9 10.3#



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



#5

2-Fluorophenol

Concen: 112.934 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

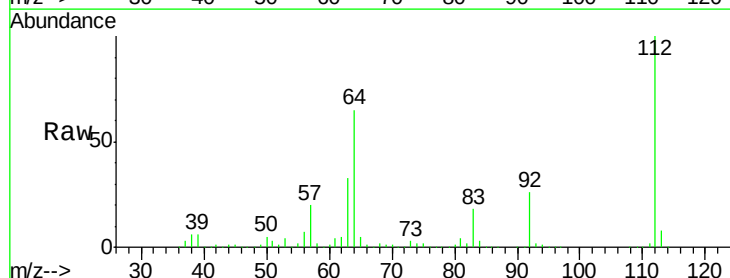
Tgt Ion: 112 Resp: 1334427

Ion Ratio Lower Upper

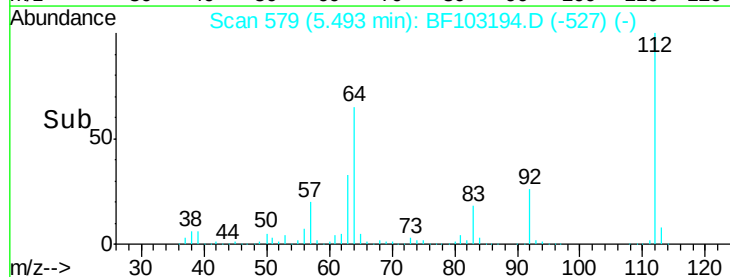
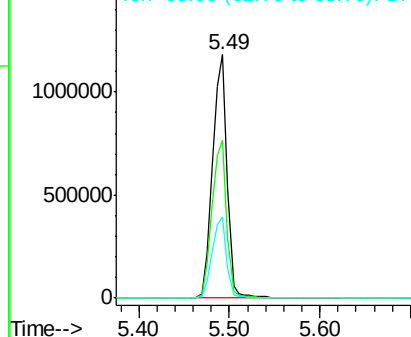
112 100

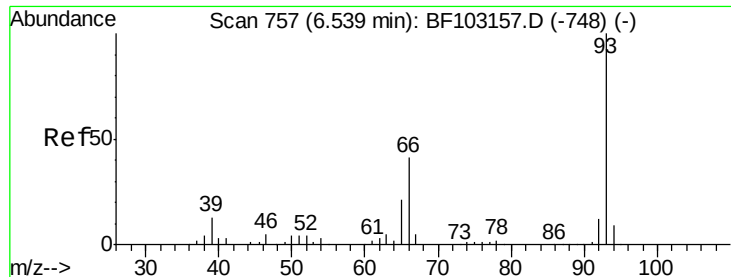
64 64.9 47.9 71.9

63 33.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 1.051 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampled :

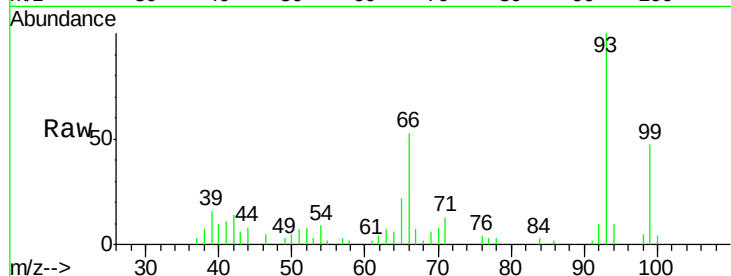
Tot Ion: 93 Resp: 21927

Ion Ratio Lower Upper

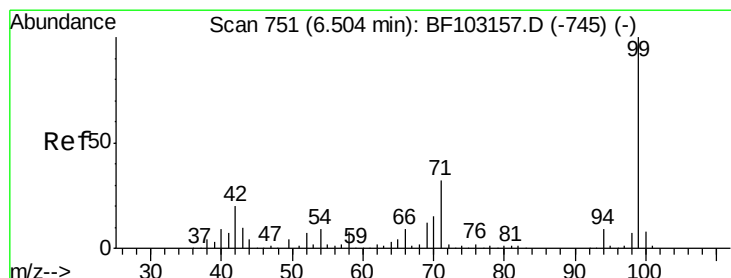
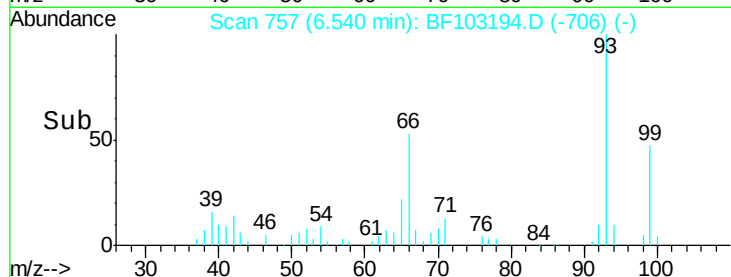
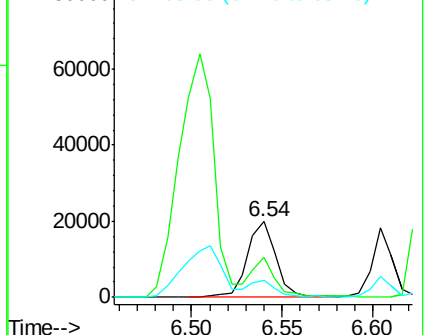
93 100

66 52.6 32.2 48.2#

65 22.5 16.4 24.6



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: 113.276 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

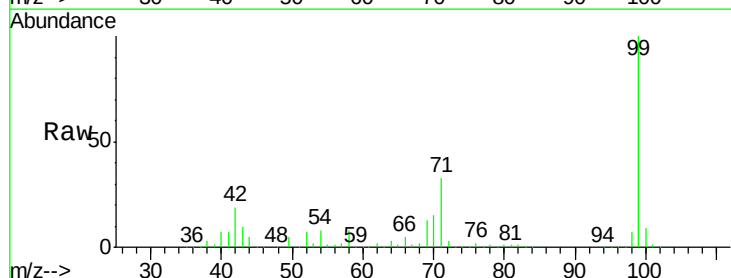
Tgt Ion: 99 Resp: 1637811

Ion Ratio Lower Upper

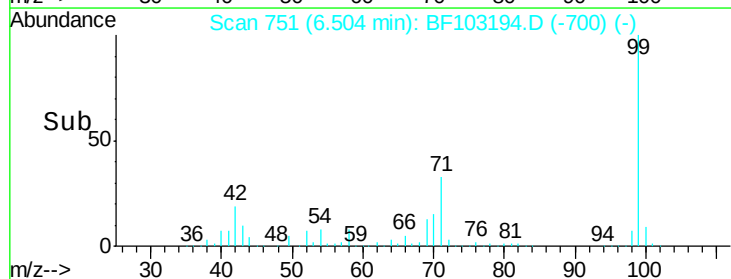
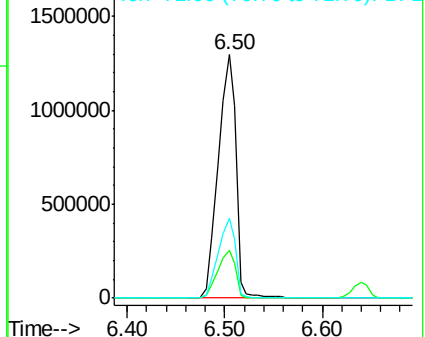
99 100

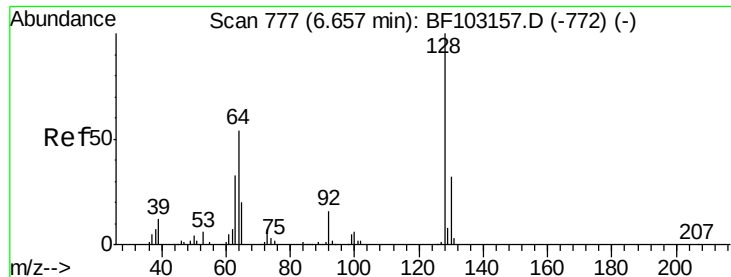
42 19.4 14.5 21.7

71 32.9 25.4 38.0



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: 1.113 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampleId :

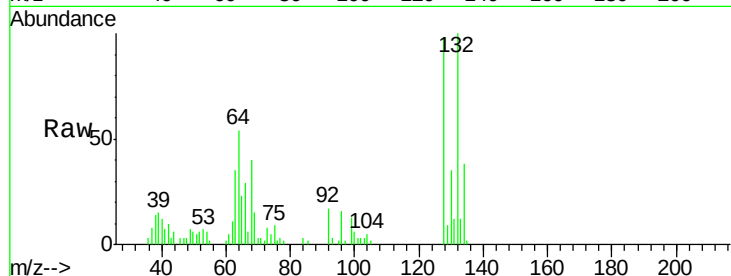
Tot Ion:128 Resp: 13666

Ion Ratio Lower Upper

128 100

130 35.3 13.0 53.0

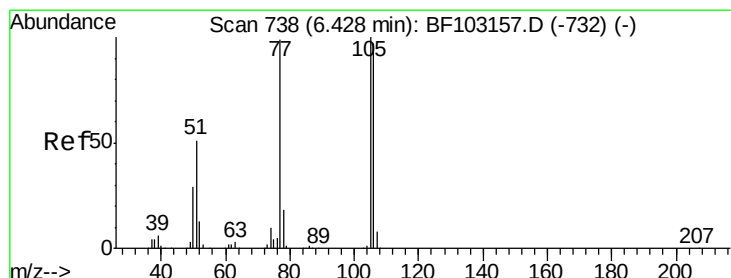
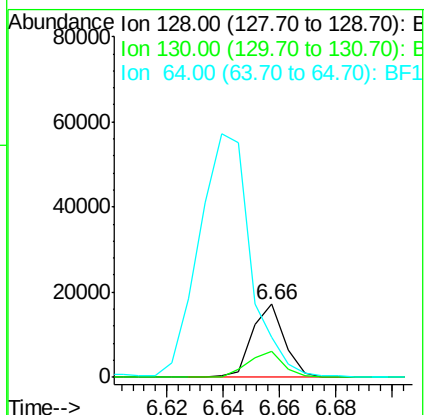
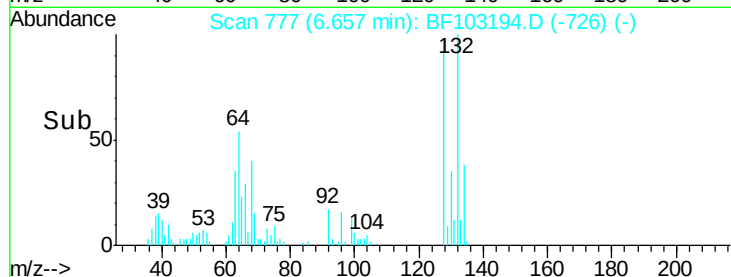
64 55.1 29.4 69.4



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: 0.172 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

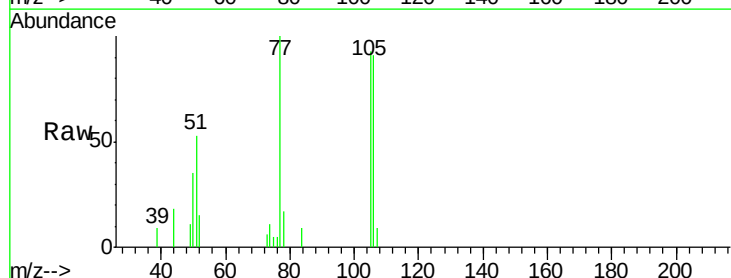
Tgt Ion: 77 Resp: 7715

Ion Ratio Lower Upper

77 100

105 92.7 81.1 121.1

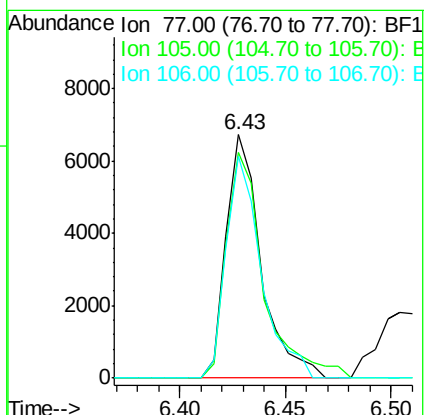
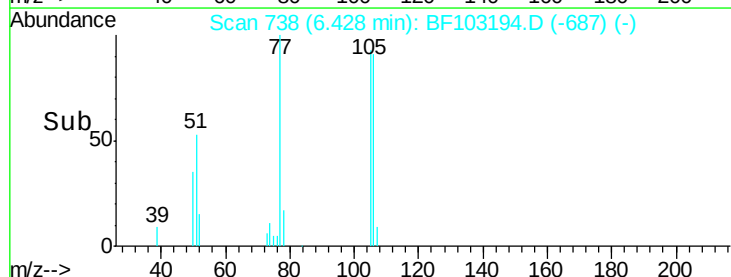
106 90.9 74.5 114.5

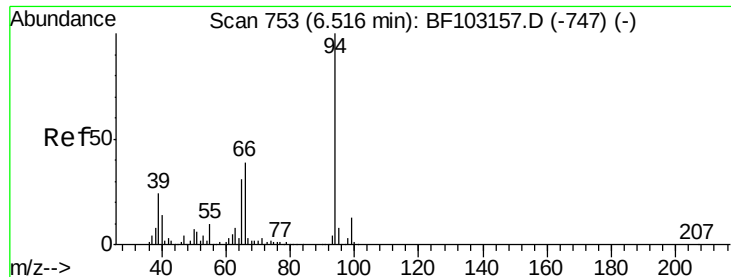


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

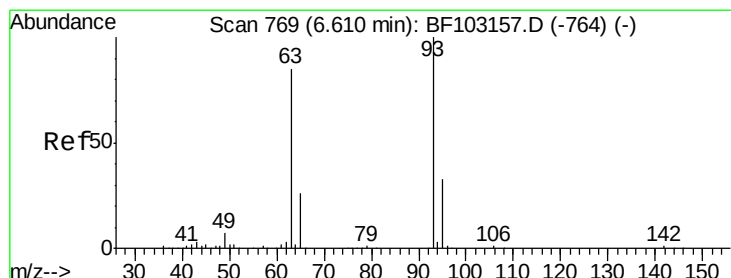
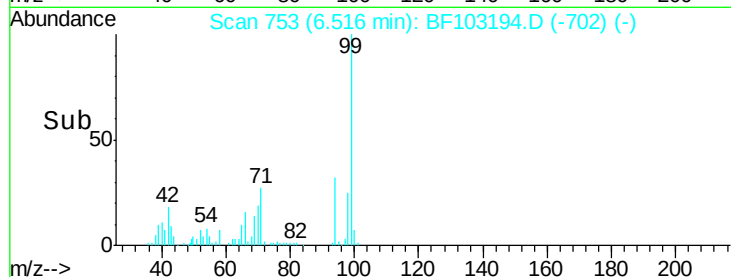
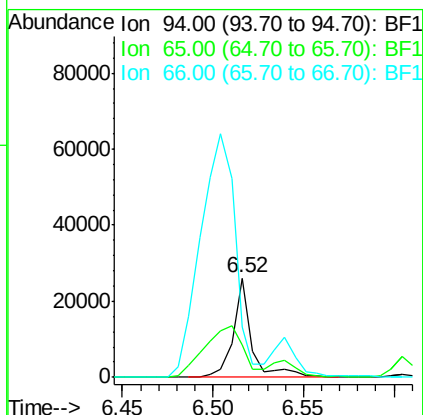
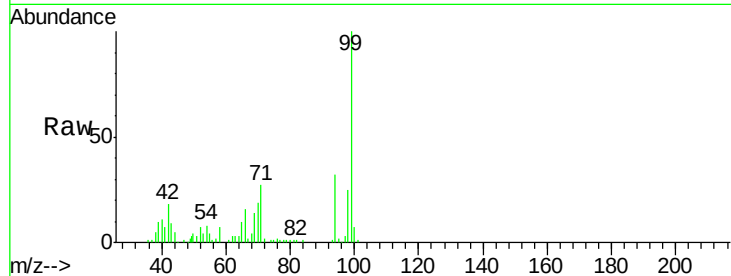




#10
Phenol
Concen: 1.095 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

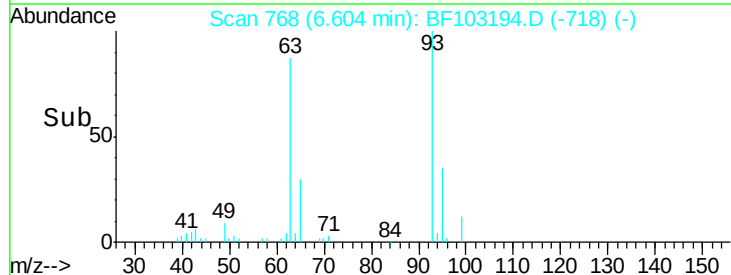
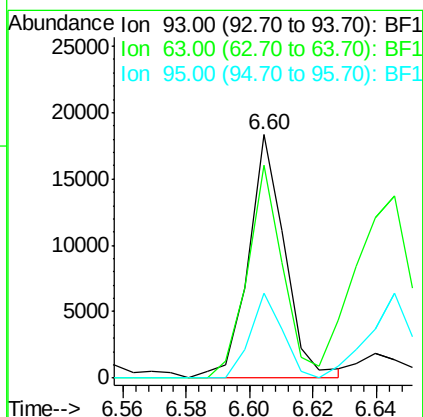
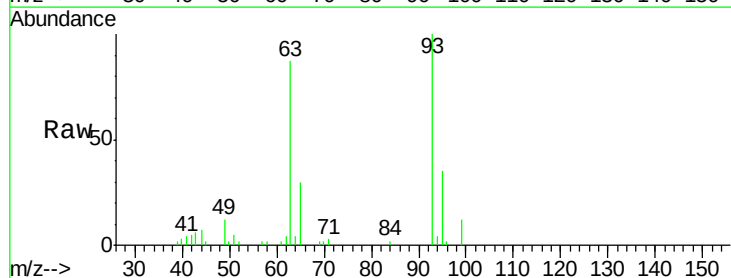
Instrument :
BNA_F
ClientSampleId :

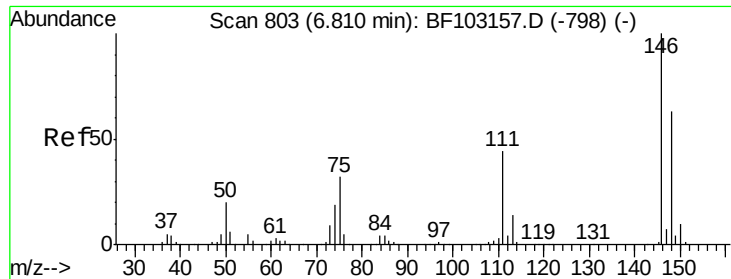
Tot Ion: 94 Resp: 18386
Ion Ratio Lower Upper
94 100
65 32.5 7.9 47.9
66 50.9 16.2 56.2



#11
bis(2-Chloroethyl)ether
Concen: 1.147 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion: 93 Resp: 14608
Ion Ratio Lower Upper
93 100
63 87.2 58.6 98.6
95 34.8 11.8 51.8

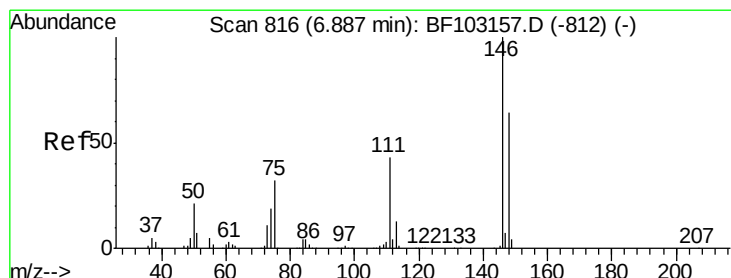
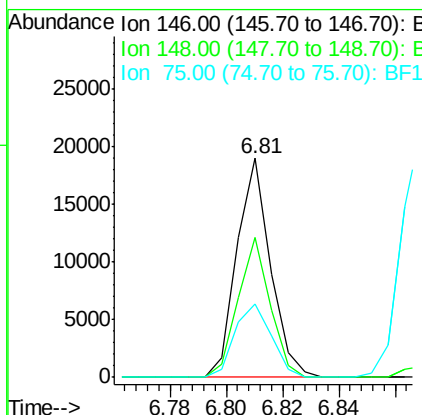
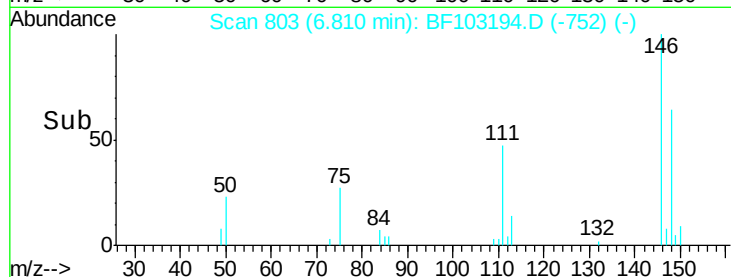
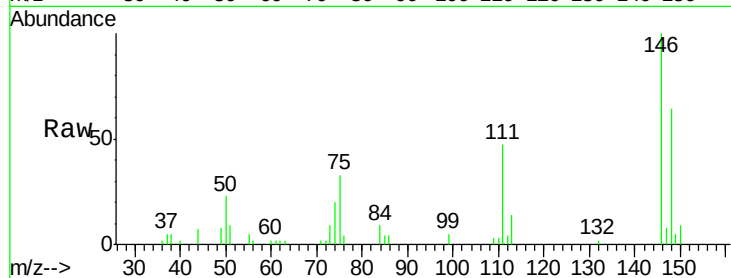




#12
 1,3-Dichlorobenzene
 Concen: 1.114 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

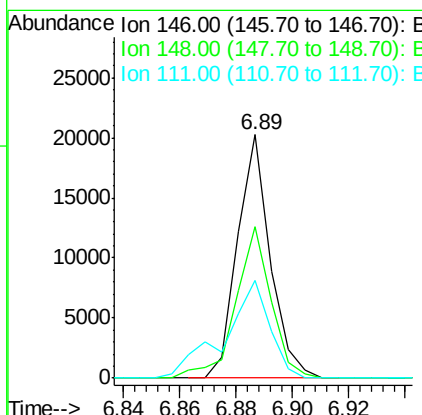
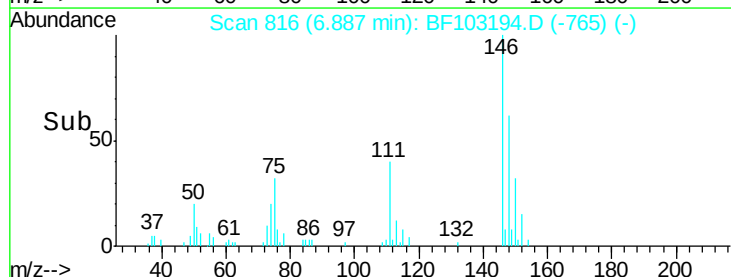
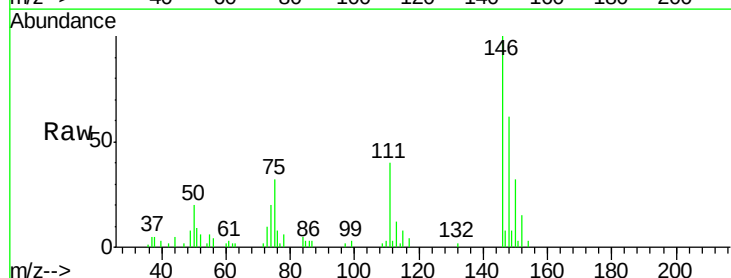
Instrument :
 BNA_F
 ClientSampled :

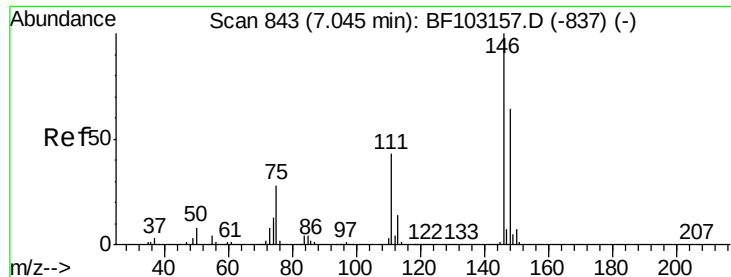
Tot Ion:146 Resp: 15633
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.8 77.8
 75 33.3 24.2 36.4



#13
 1,4-Dichlorobenzene
 Concen: 1.155 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

Tgt Ion:146 Resp: 16237
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.8 76.2
 111 40.0 34.2 51.2





#14

1,2-Dichlorobenzene

Concen: 1.252 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.16 min

Lab File: BF103194.D

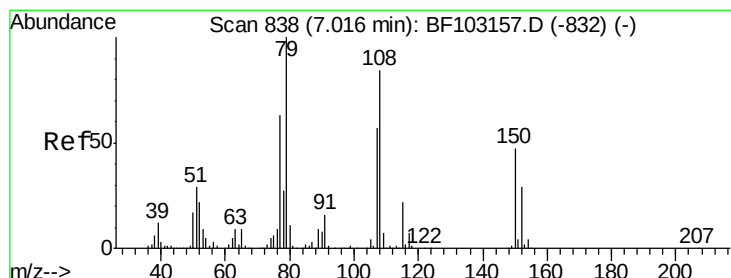
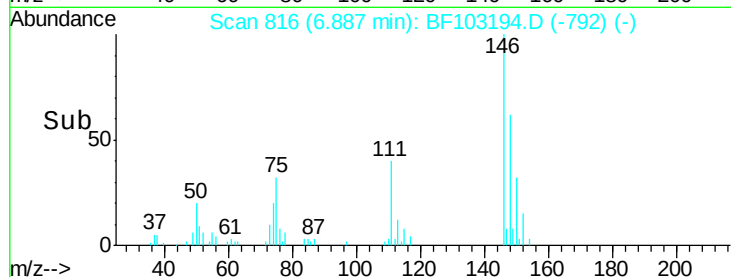
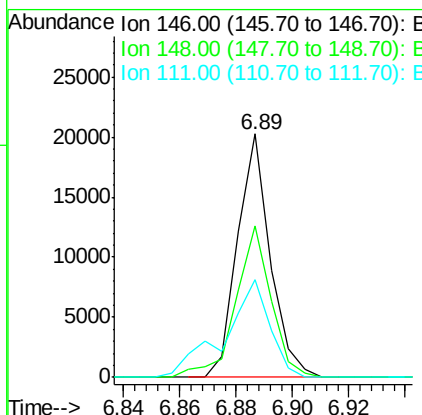
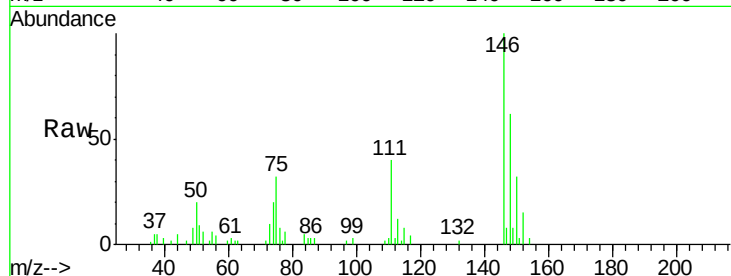
Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:	146	Resp:	16237
Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.6	75.8
111	40.0	36.0	54.0



#15

Benzyl Alcohol

Concen: 2.631 ng

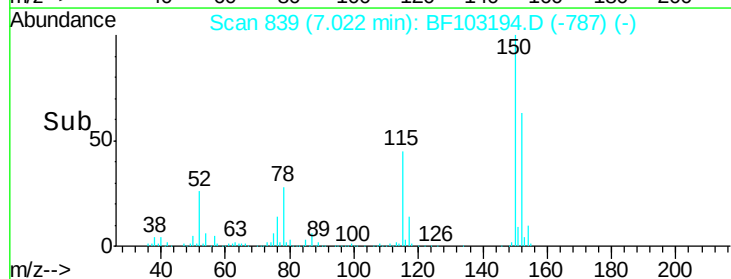
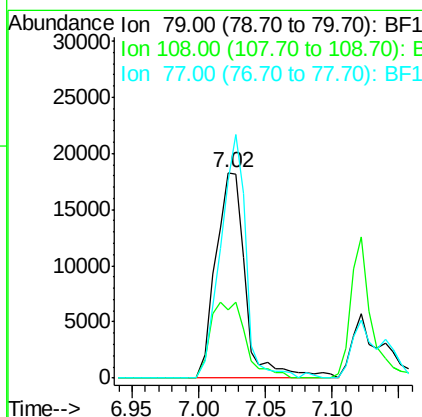
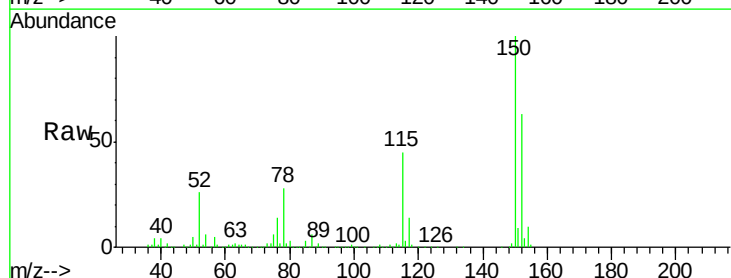
RT: 7.02 min Scan# 839

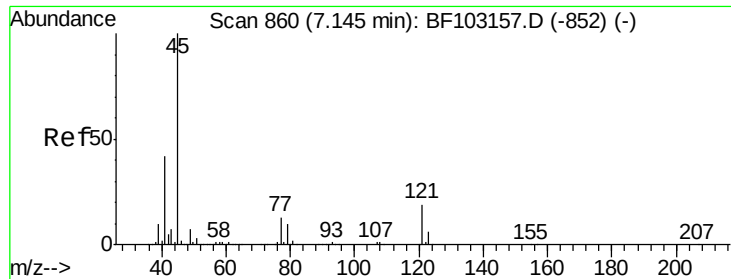
Delta R.T. 0.01 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Tgt Ion:	79	Resp:	28668
Ion	Ratio	Lower	Upper
79	100		
108	33.1	65.1	97.7#
77	96.1	50.6	75.8#

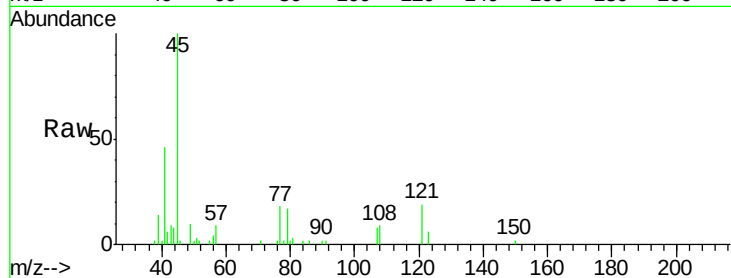




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 1.119 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	45	Resp	24471
Ion Ratio	100		
Lower	0.0		
Upper	32.9		
77	18.3		
79	16.7		
	0.0		
	29.6		

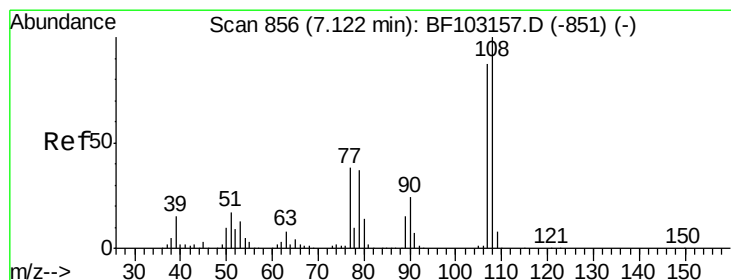
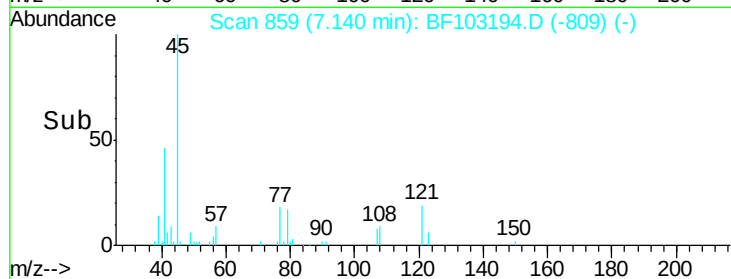
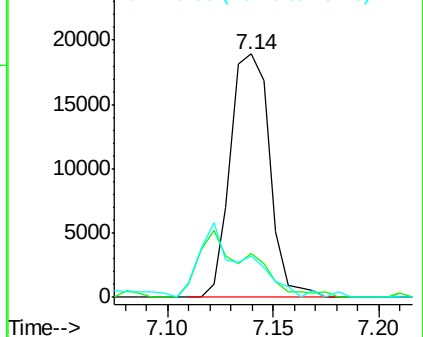


Abundance

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: 1.066 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion	107	Resp	11895
Ion Ratio	100		
Lower	91.7		
Upper	137.5		
108	112.2		
77	46.1		
79	51.4		
	33.8		
	50.8		

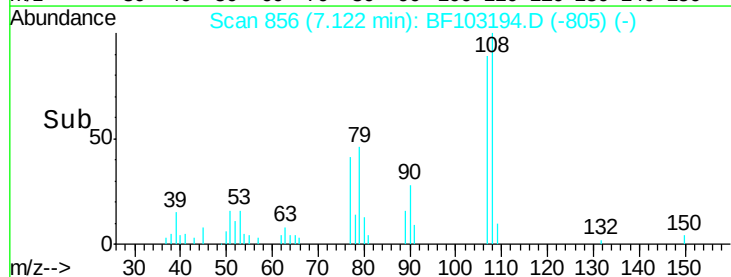
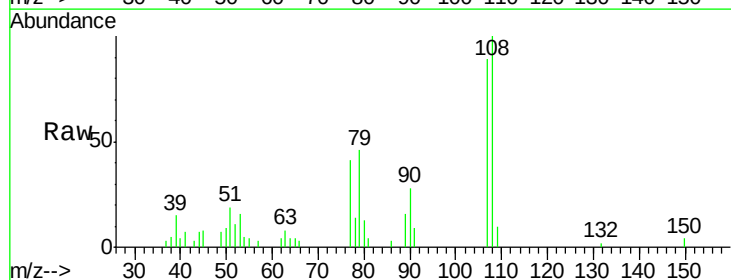
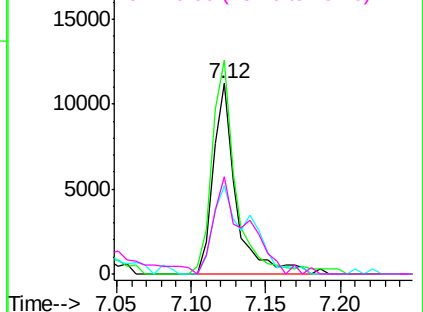
Abundance

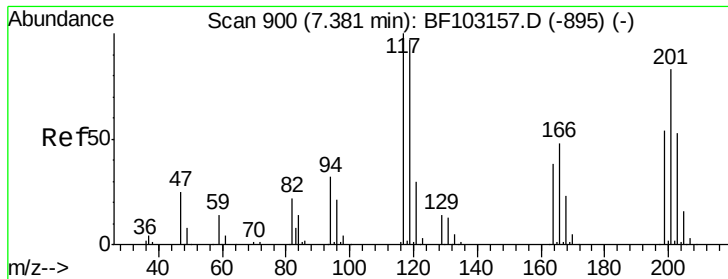
Ion 107.00 (106.70 to 107.70): E

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

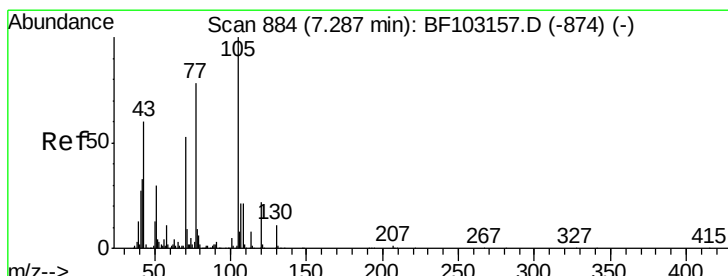
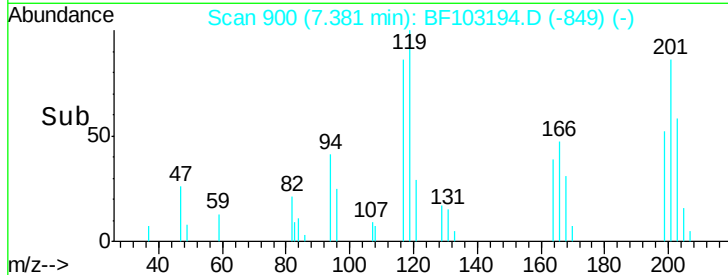
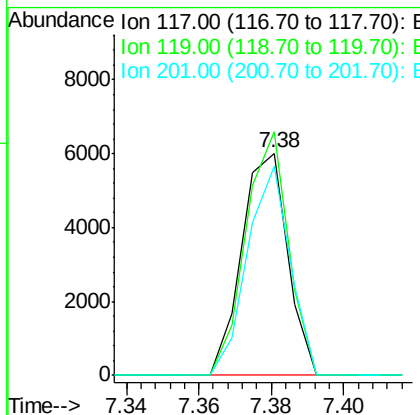
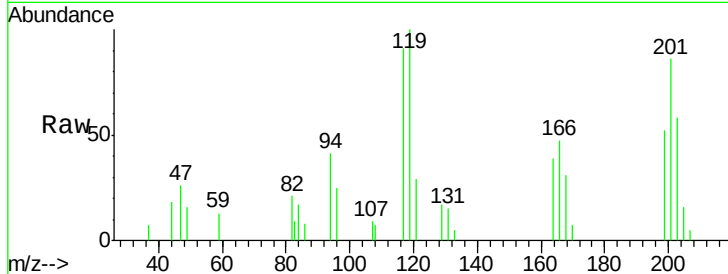




#18
Hexachloroethane
Concen: 1.039 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

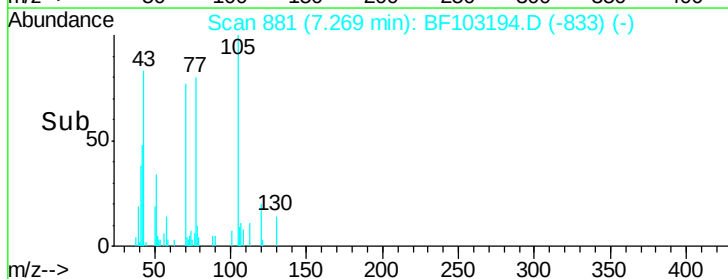
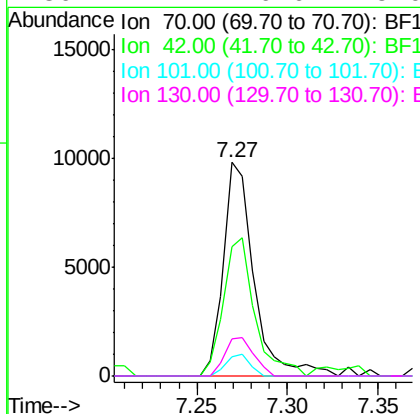
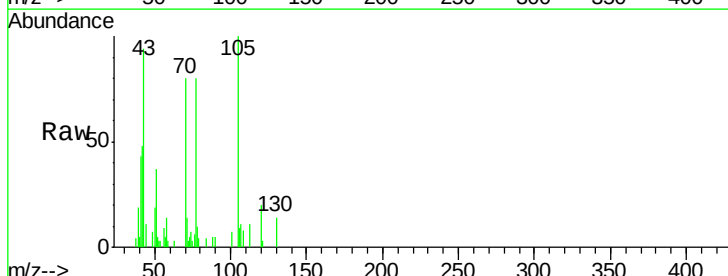
Instrument :
BNA_F
ClientSampleId :

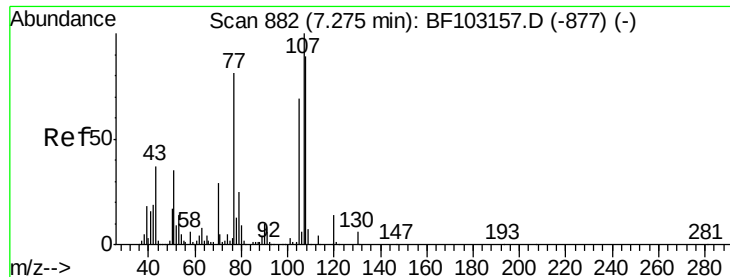
Tot Ion:117 Resp: 5320
Ion Ratio Lower Upper
117 100
119 109.6 75.8 113.8
201 94.0 75.7 113.5



#19
n-Nitroso-di-n-propylamine
Concen: 1.283 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion: 70 Resp: 11549
Ion Ratio Lower Upper
70 100
42 60.5 47.5 71.3
101 9.0 7.4 11.2
130 17.4 16.6 25.0

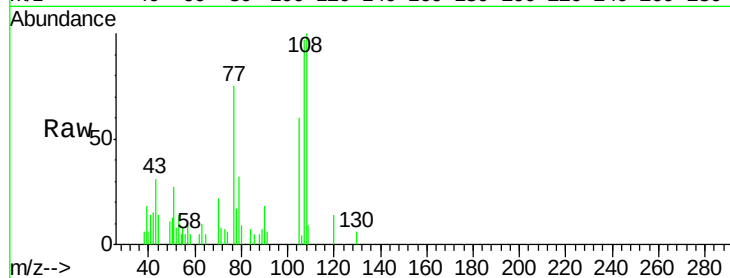




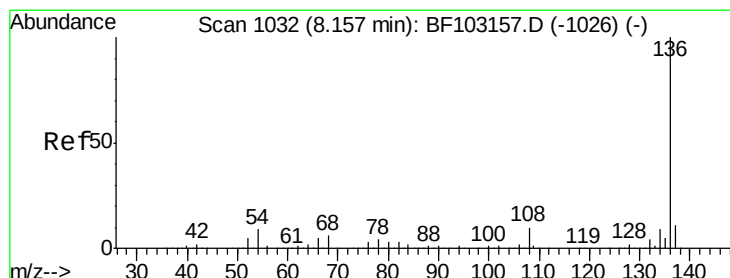
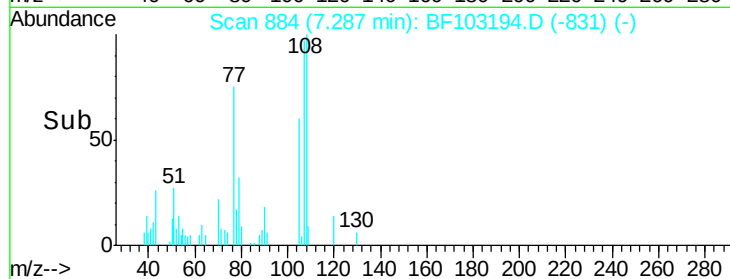
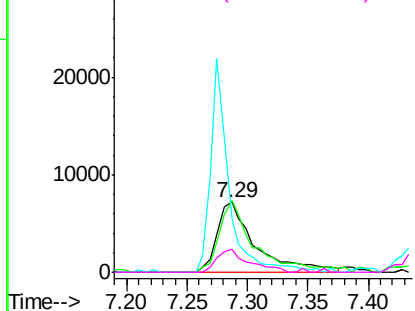
#20
3+4-Methylphenols
Concen: 1.152 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	15659
Ion	Ratio	Lower	Upper
107	100		
108	102.7	68.2	108.2
77	76.6	26.7	66.7#
79	32.7	6.3	46.3

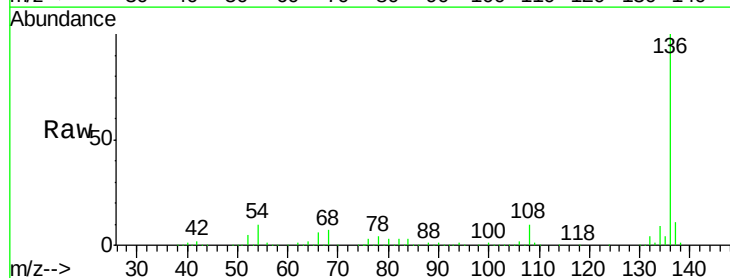


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

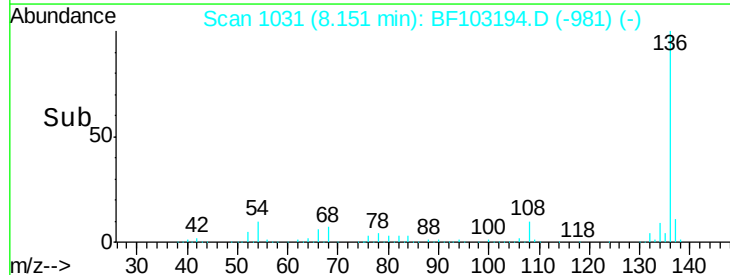
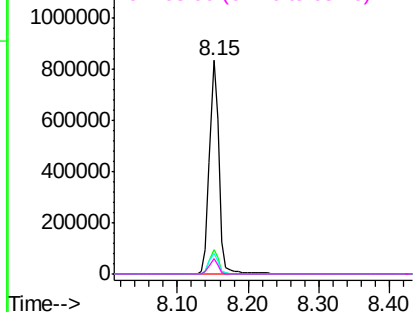


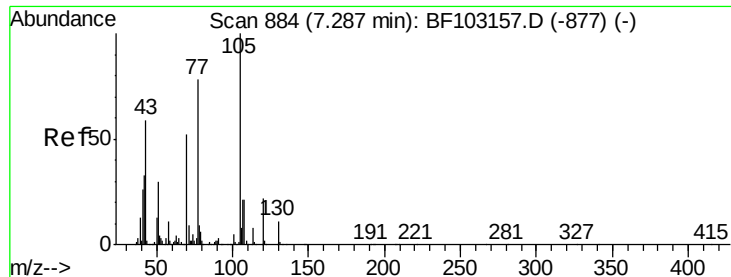
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:	136	Resp:	781737
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.7	6.6	9.8
68	7.0	5.0	7.4



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: 1.255 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103194.D

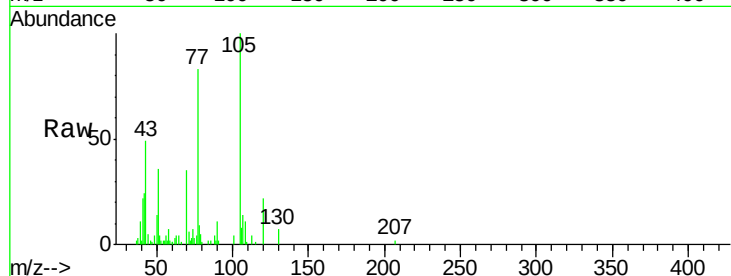
Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	22893
Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.4	6.6
51	35.6	22.3	33.5#
120	22.2	16.9	25.3

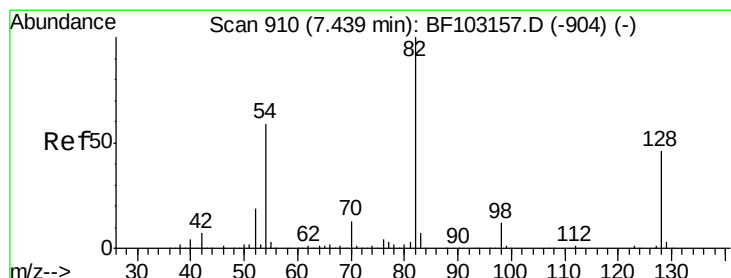
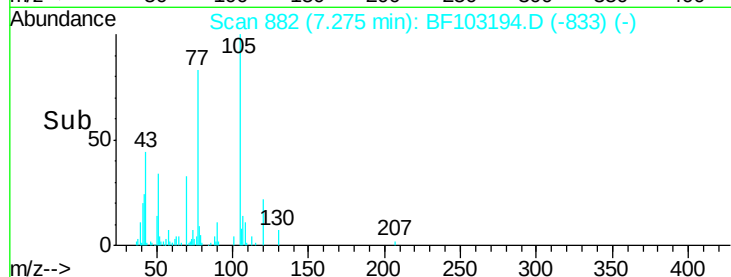
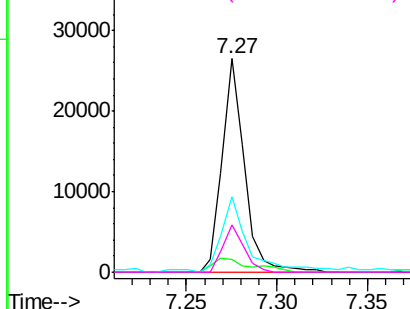


Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.731 ng

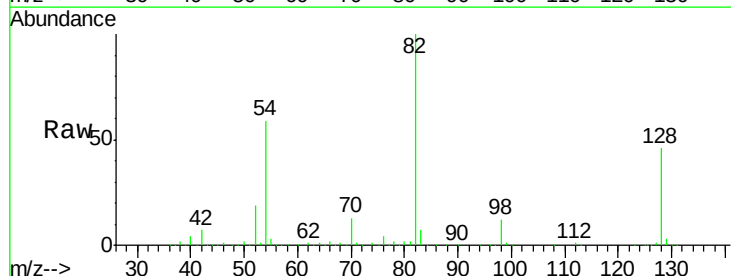
RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

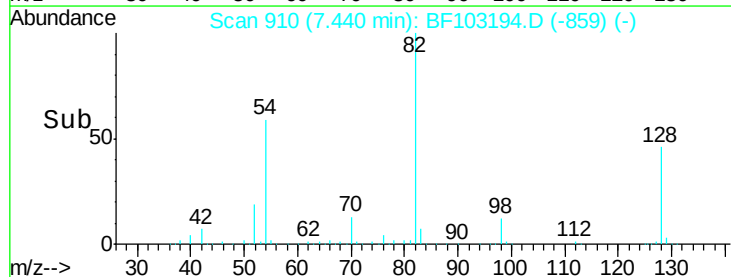
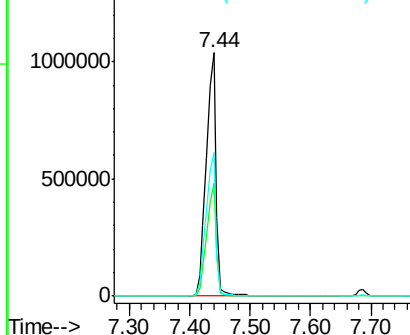
Tgt Ion:	82	Resp:	1200917
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	59.3	41.4	62.2

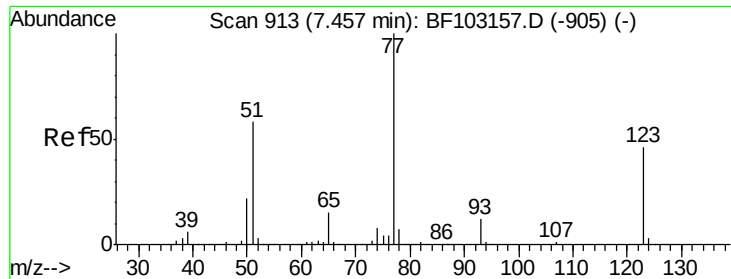


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 1.314 ng

RT: 7.45 min Scan# 912

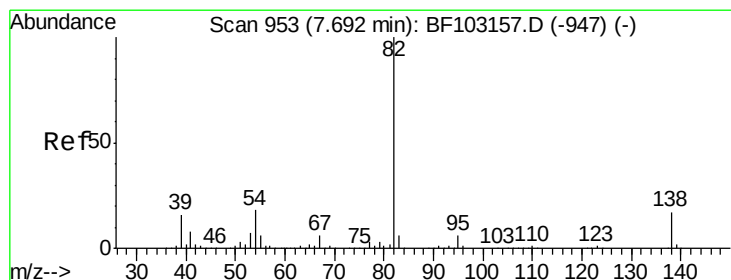
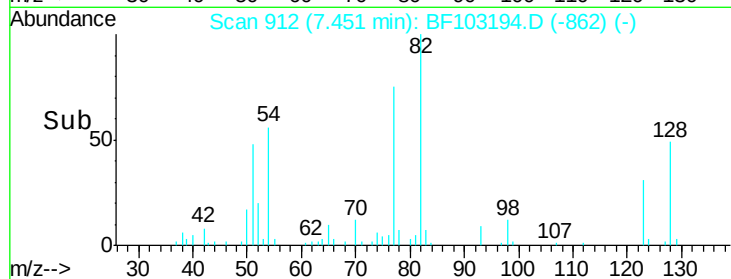
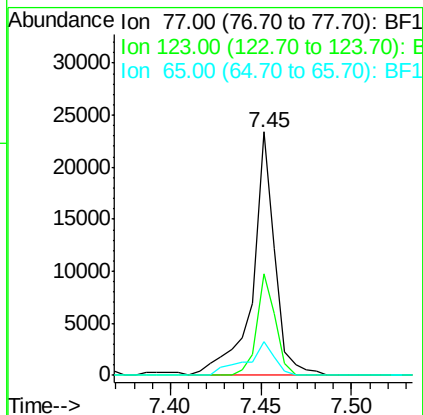
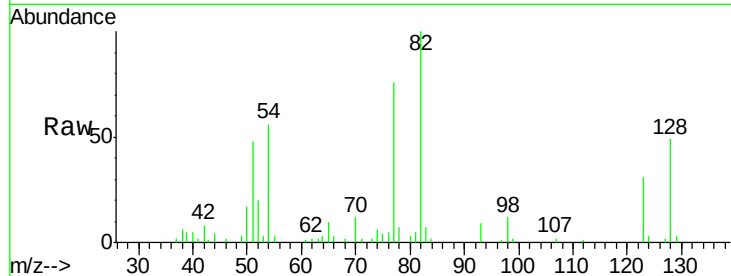
Delta R.T. -0.01 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77.00	Resp:	19807
Ion	Ratio	Lower	Upper
77	100		
123	41.4	37.9	56.9
65	13.8	11.0	16.4



#25

Isophorone

Concen: 44.545 ng

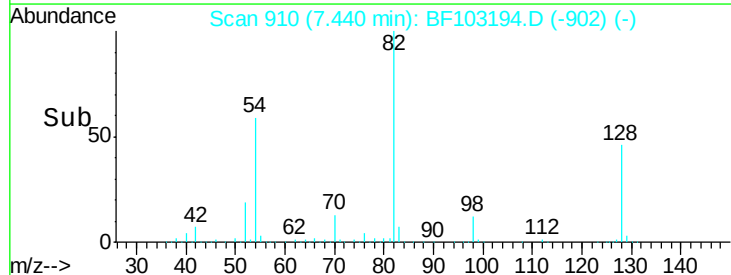
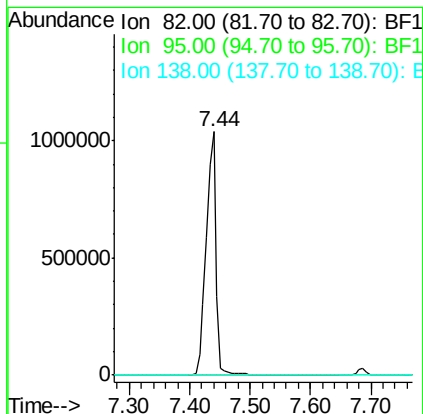
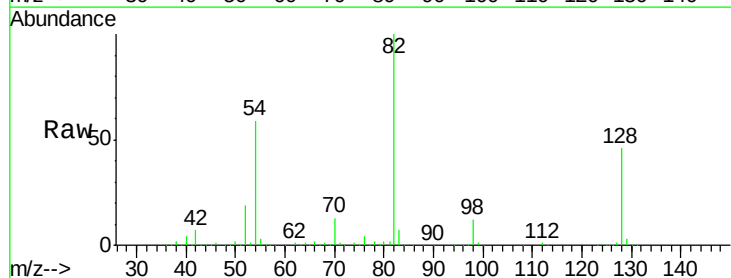
RT: 7.44 min Scan# 910

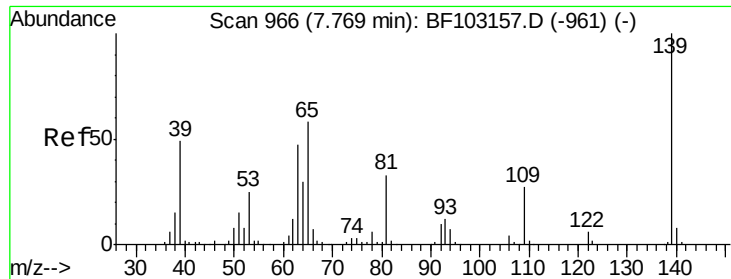
Delta R.T. -0.25 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Tgt Ion:	82.00	Resp:	1200917
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

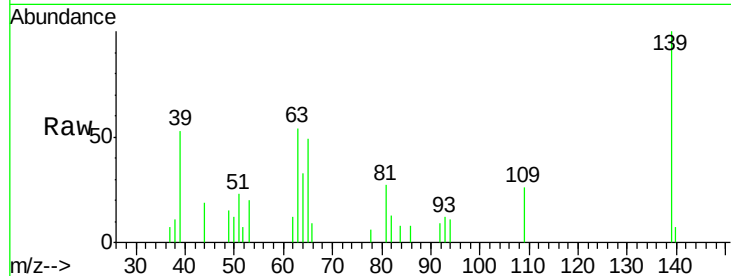




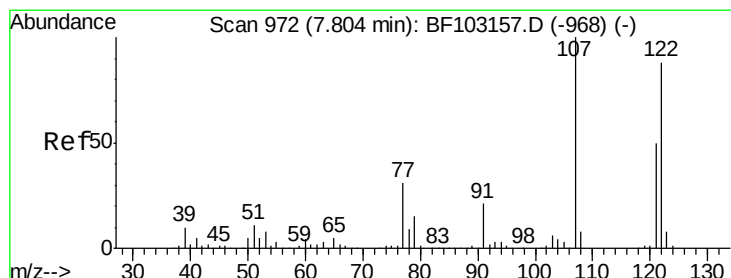
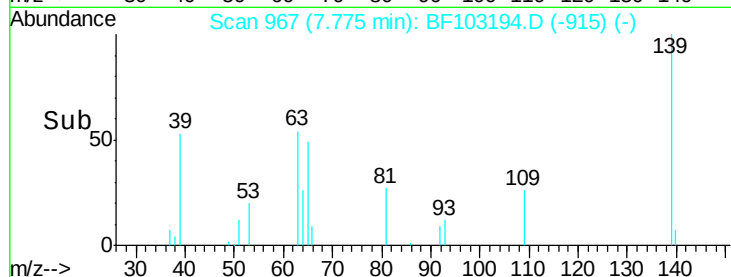
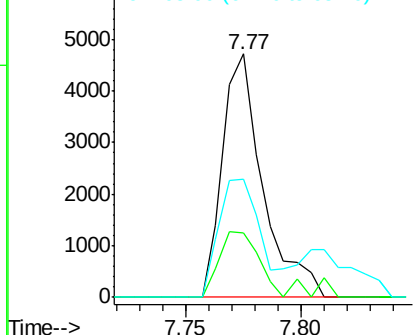
#26
2-Nitrophenol
Concen: 0.808 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 5732
Ion Ratio Lower Upper
139 100
109 26.2 22.7 34.1
65 48.7 40.5 60.7

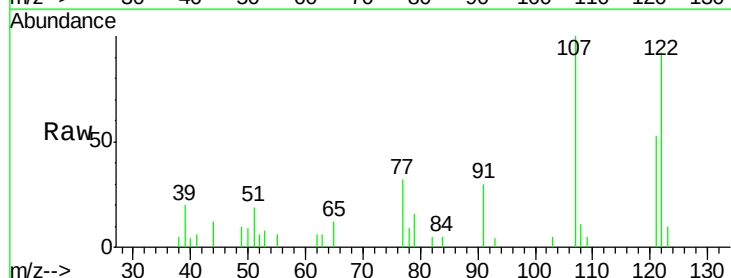


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

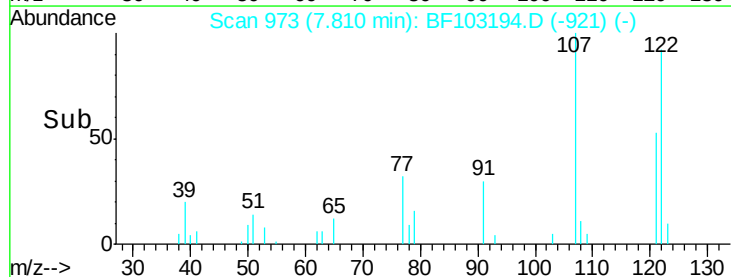
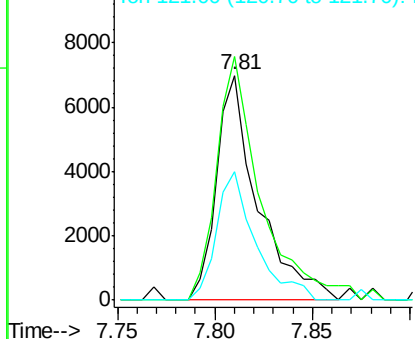


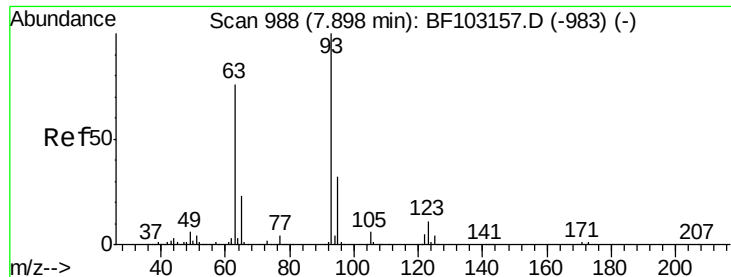
#27
2,4-Dimethylphenol
Concen: 0.943 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:122 Resp: 10228
Ion Ratio Lower Upper
122 100
107 108.4 91.2 136.8
121 57.0 47.2 70.8



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





#28

bis(2-Chloroethoxy)methane

Concen: 1.108 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampleId :

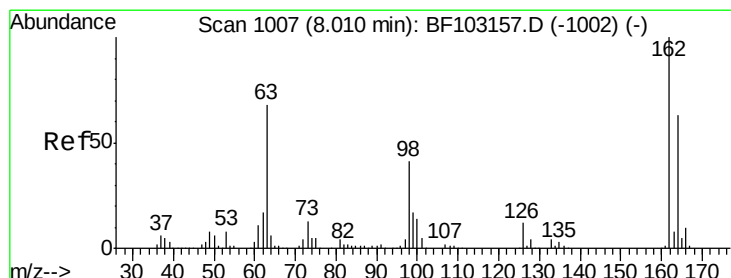
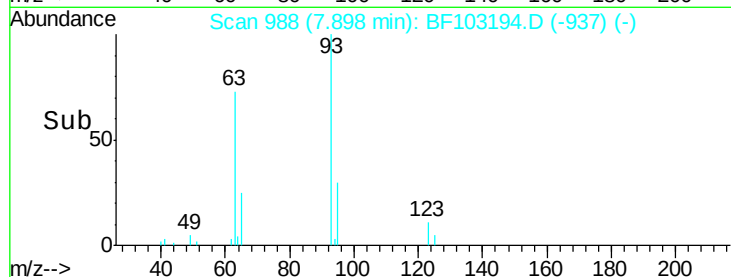
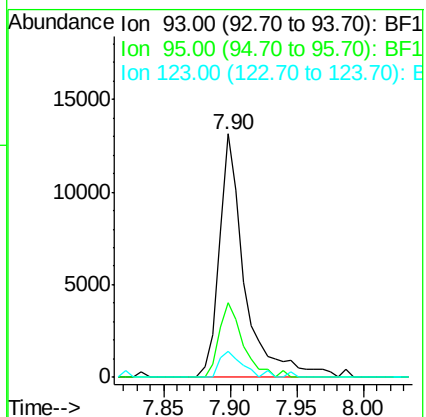
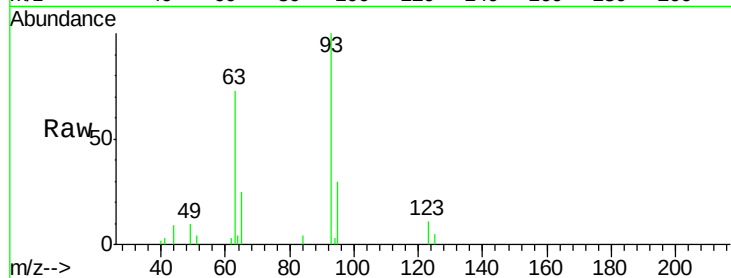
Tot Ion: 93 Resp: 17561

Ion Ratio Lower Upper

93 100

95 30.4 26.3 39.5

123 10.6 9.8 14.6



#29

2,4-Dichlorophenol

Concen: 0.949 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.02 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

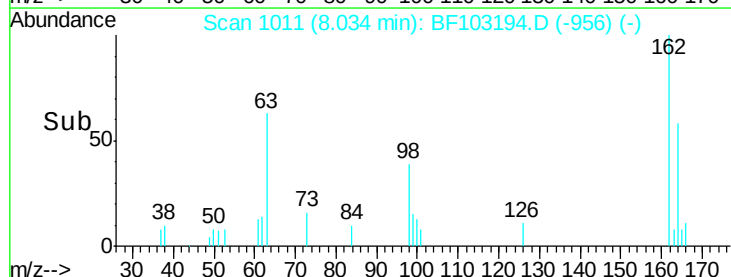
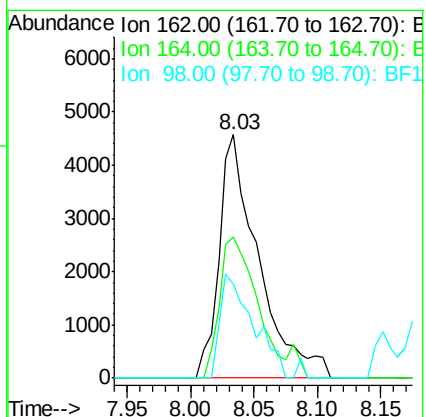
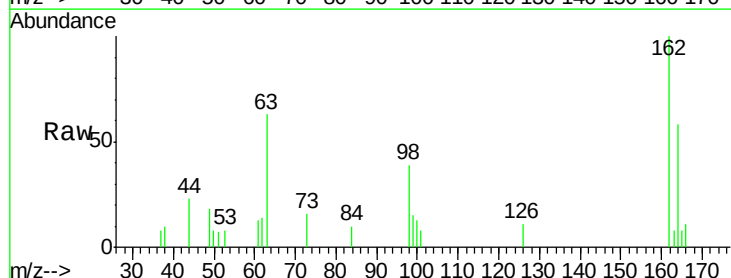
Tgt Ion: 162 Resp: 9856

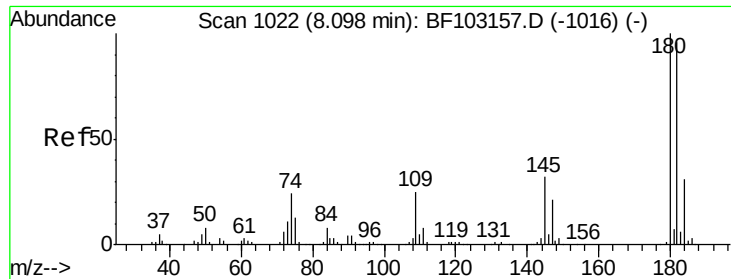
Ion Ratio Lower Upper

162 100

164 57.9 42.7 82.7

98 38.7 18.1 58.1

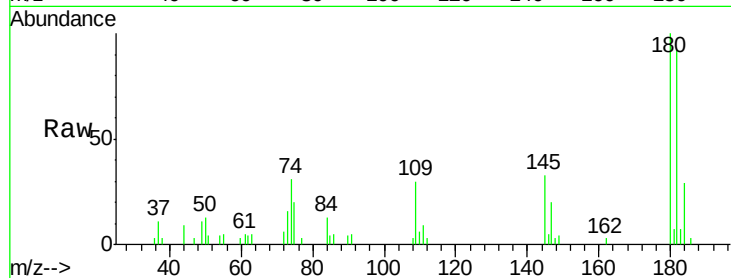




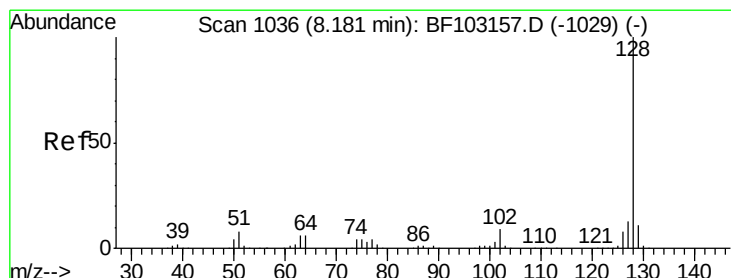
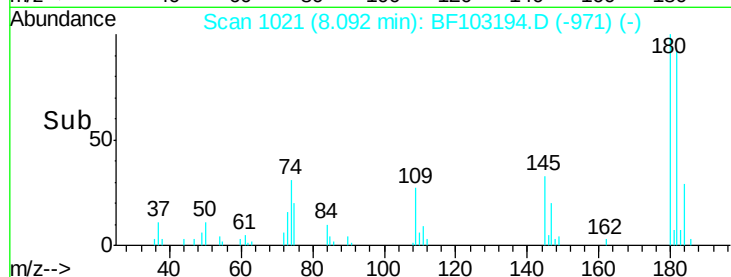
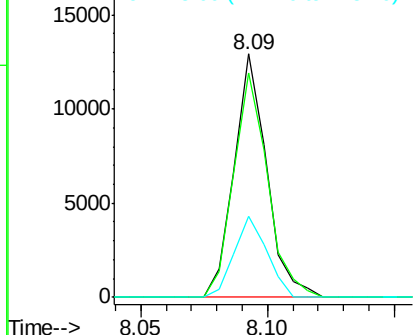
#30
 1,2,4-Trichlorobenzene
 Concen: 1.044 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 11541
 Ion Ratio Lower Upper
 180 100
 182 92.1 76.8 115.2
 145 33.5 26.5 39.7

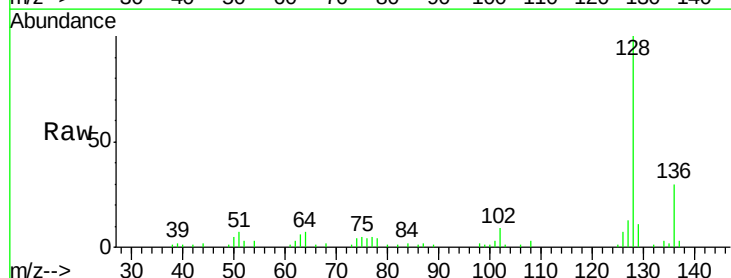


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

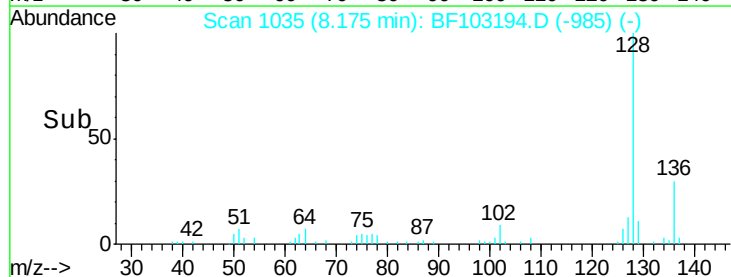
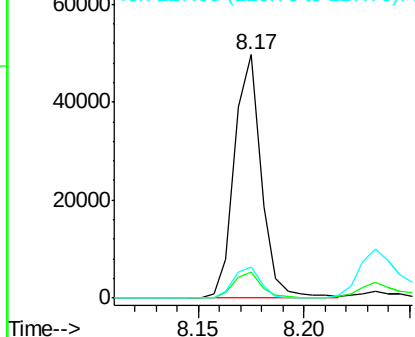


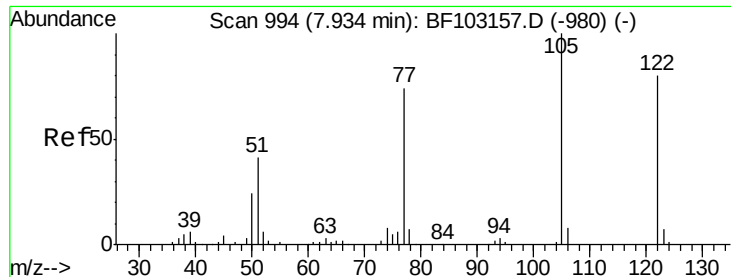
#31
 Naphthalene
 Concen: 1.146 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

Tgt Ion:128 Resp: 43868
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.8 13.2
 127 12.9 10.9 16.3



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: 6.965 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.03 min

Lab File: BF103194.D

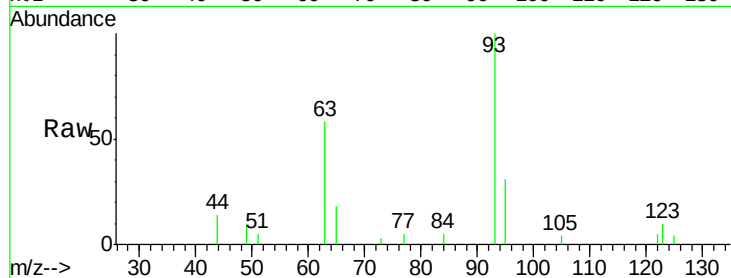
Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampleId :

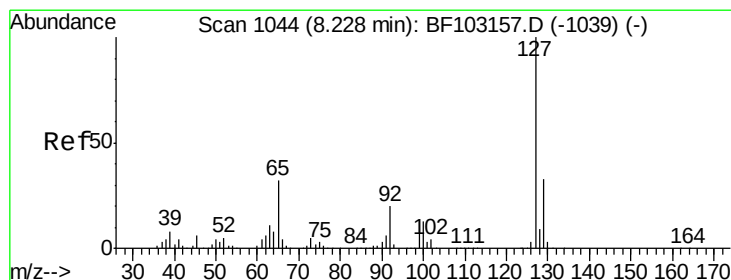
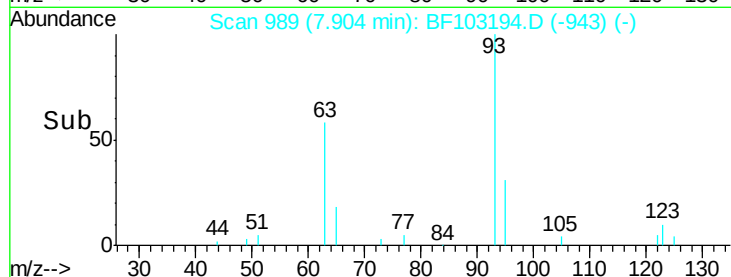
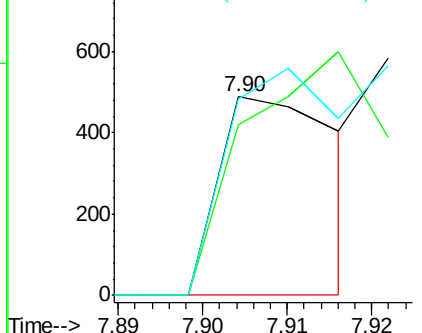
Tot Ion:	122	Resp:	479
Ion	Ratio	Lower	Upper
122	100		
105	86.3	101.1	141.1#
77	98.8	70.7	110.7



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: 0.944 ng

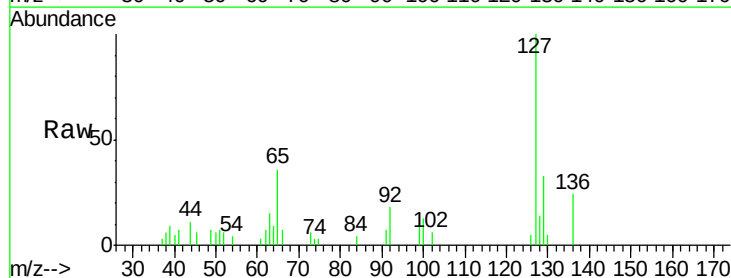
RT: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Tgt Ion:	127	Resp:	15587
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	35.7	25.0	37.4
92	18.5	15.2	22.8

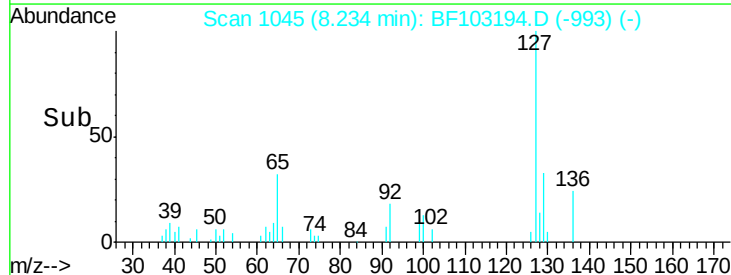
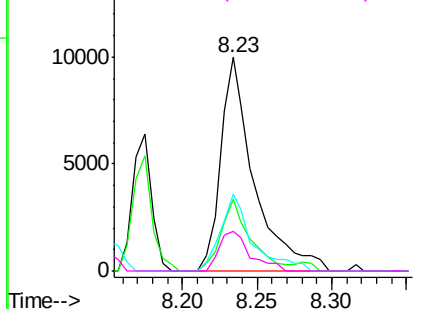


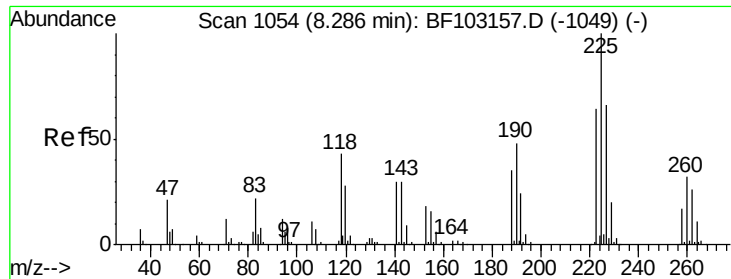
Abundance Ion 127.00 (126.70 to 127.70): E

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

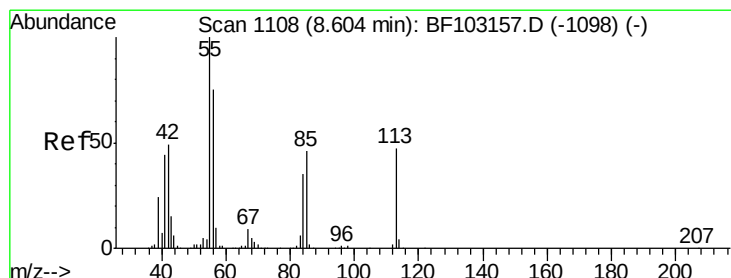
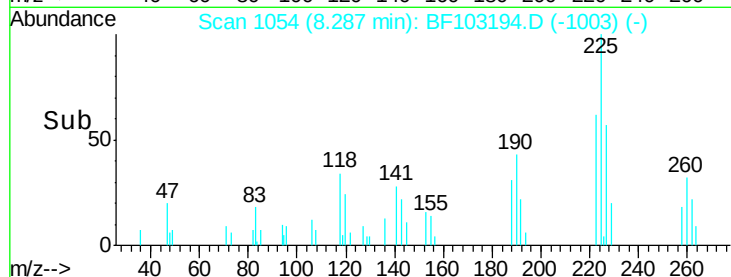
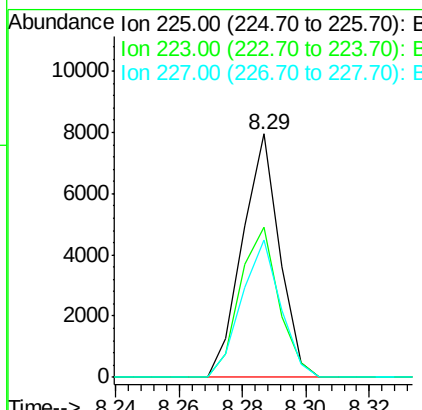
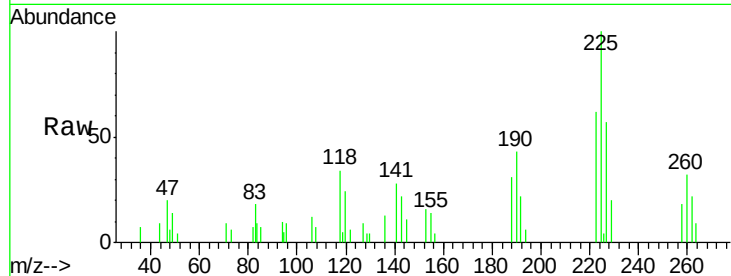




#34
 Hexachlorobutadiene
 Concen: 1.121 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

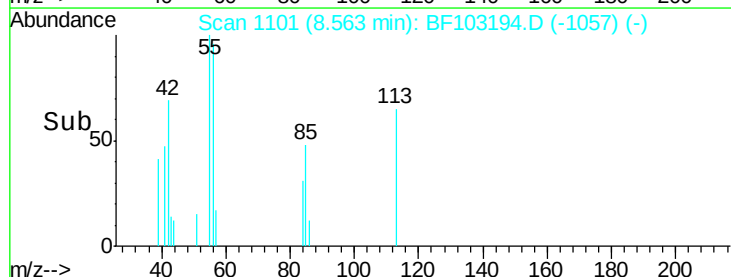
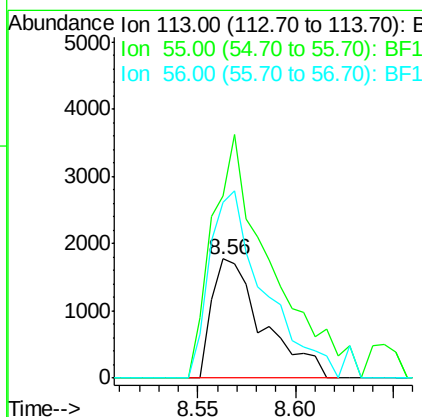
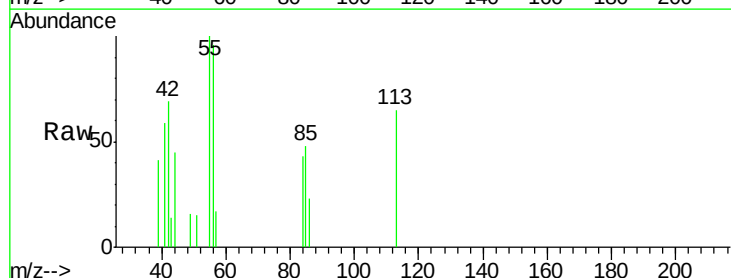
Instrument :
 BNA_F
 ClientSampleId :

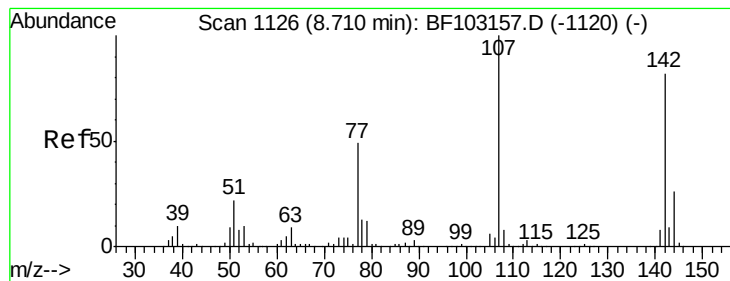
Tot Ion:225 Resp: 6454
 Ion Ratio Lower Upper
 225 100
 223 61.7 50.6 76.0
 227 56.6 51.9 77.9



#35
 Caprolactam
 Concen: 0.883 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.04 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

Tgt Ion:113 Resp: 3223
 Ion Ratio Lower Upper
 113 100
 55 153.0 163.3 203.3#
 56 147.4 115.7 155.7





#36

4-Chloro-3-methylphenol

Concen: 1.007 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampleId :

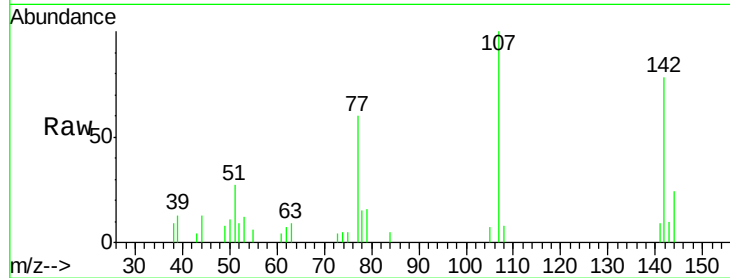
Tot Ion:107 Resp: 11797

Ion Ratio Lower Upper

107 100

144 24.3 20.5 30.7

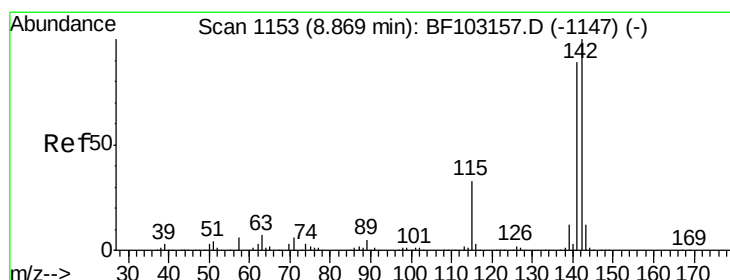
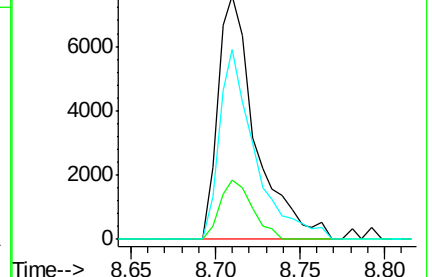
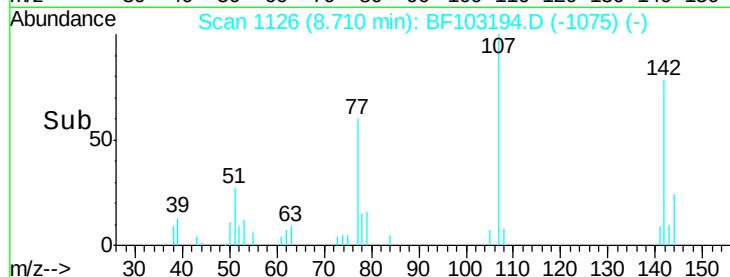
142 78.0 62.0 93.0



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: 1.181 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

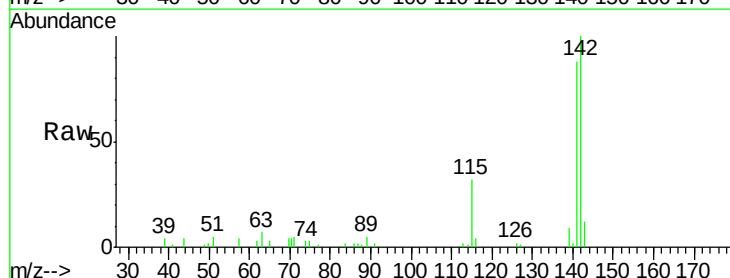
Tgt Ion:142 Resp: 29202

Ion Ratio Lower Upper

142 100

141 87.7 70.8 106.2

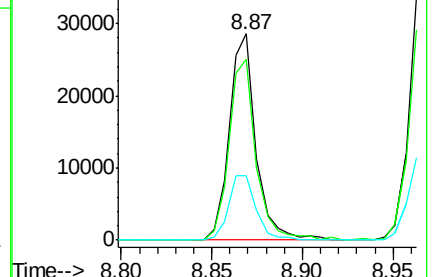
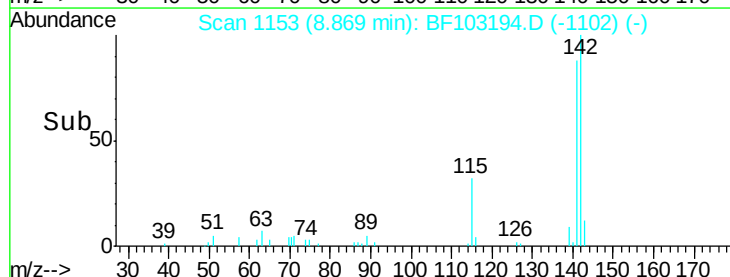
115 31.6 26.1 39.1

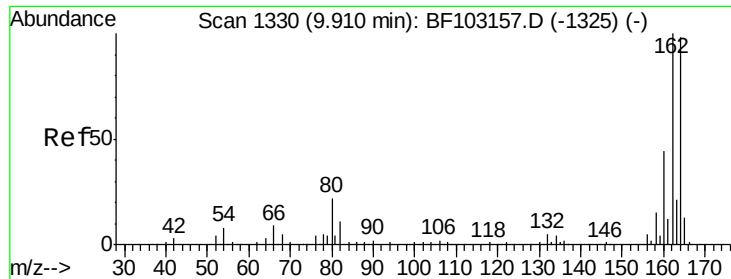


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampleId :

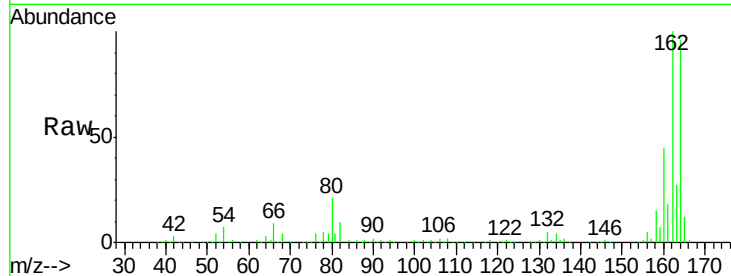
Tot Ion:164 Resp: 363678

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

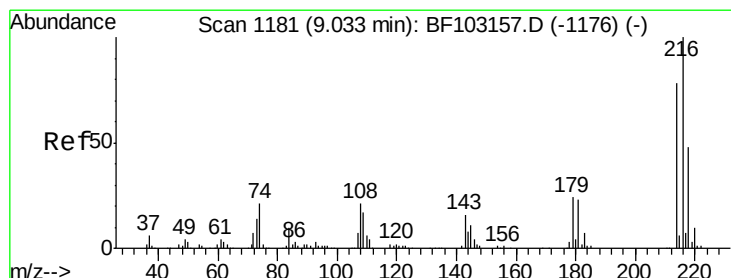
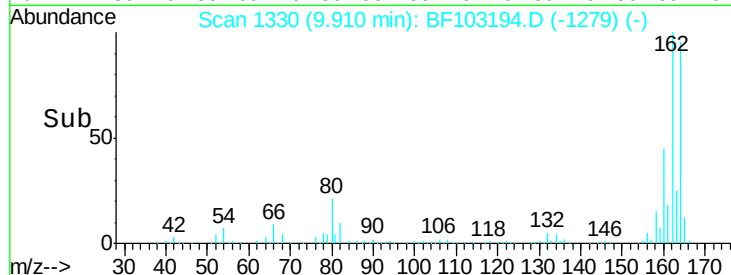
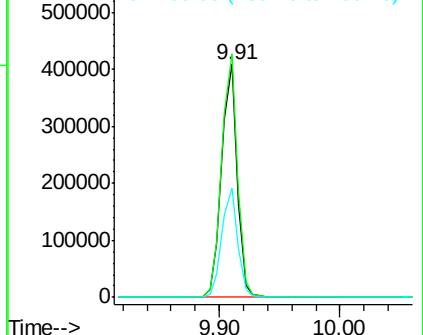
160 47.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 1.082 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Tgt Ion:216 Resp: 10759

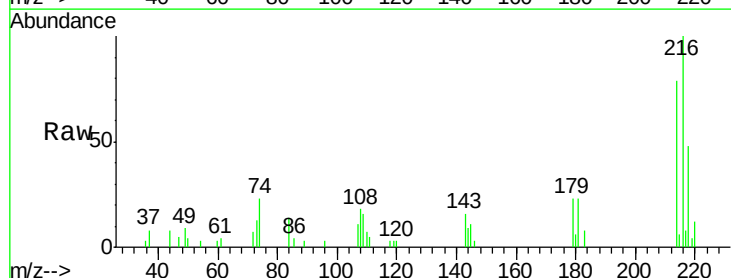
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 21.9 18.1 27.1

108 20.5 17.2 25.8

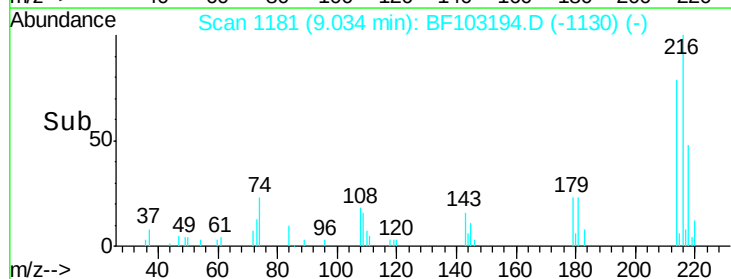
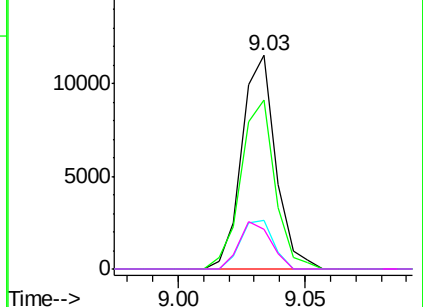


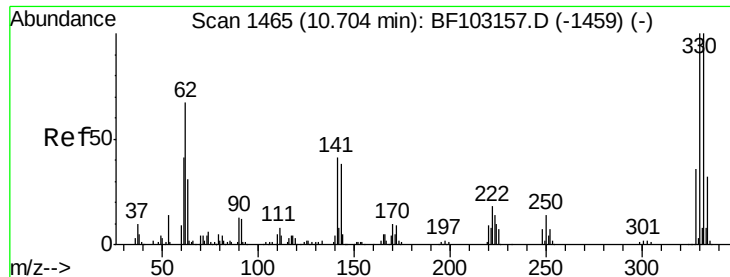
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

2,4,6-Tribromophenol

Concen: 120.071 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampled :

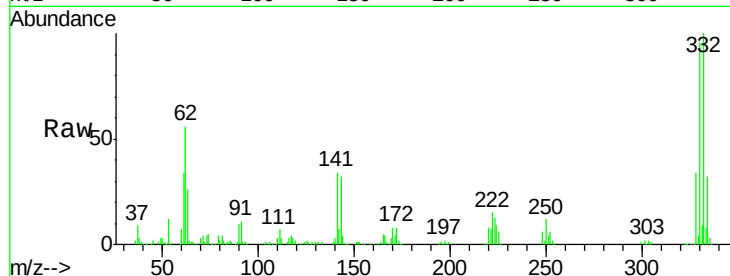
Tot Ion:330 Resp: 369620

Ion Ratio Lower Upper

330 100

332 103.8 77.0 115.6

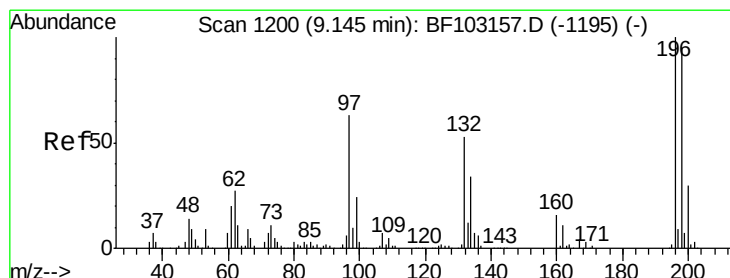
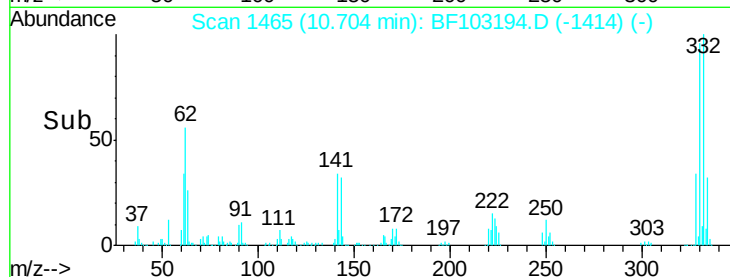
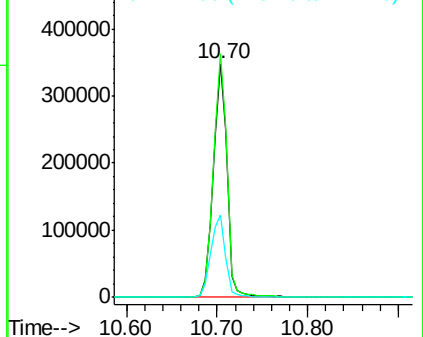
141 38.2 29.9 44.9



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



#42

2,4,6-Trichlorophenol

Concen: 0.998 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

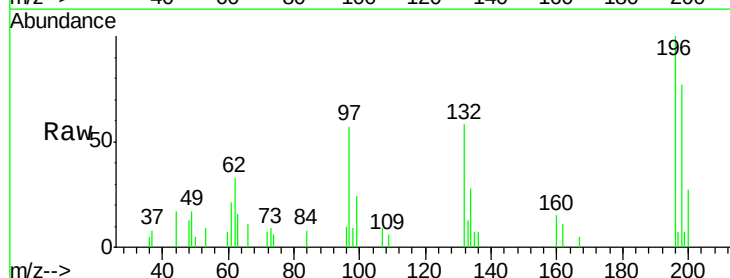
Tgt Ion:196 Resp: 6676

Ion Ratio Lower Upper

196 100

198 77.0 75.7 113.5

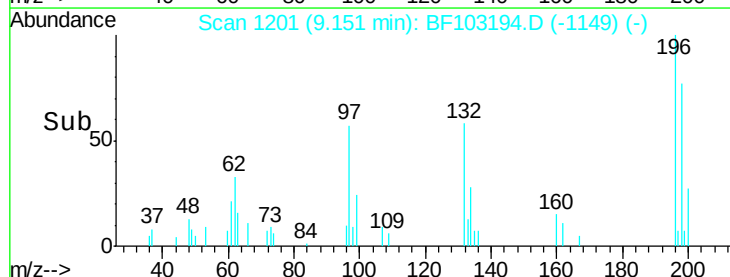
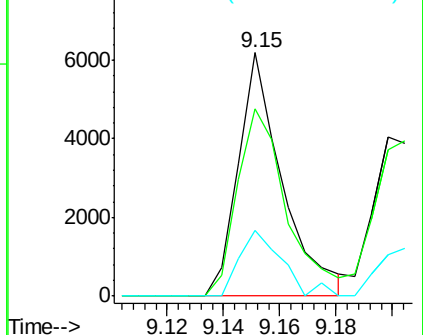
200 27.0 24.5 36.7

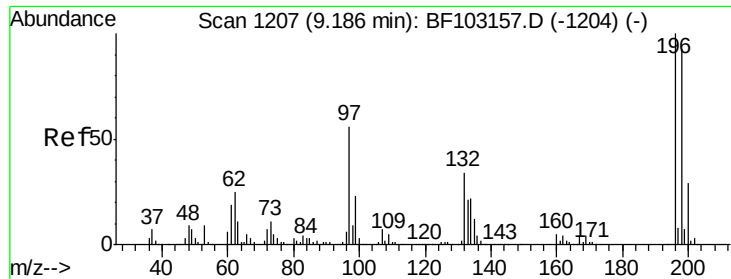


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

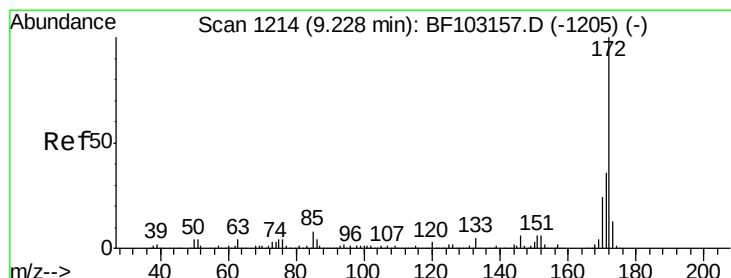
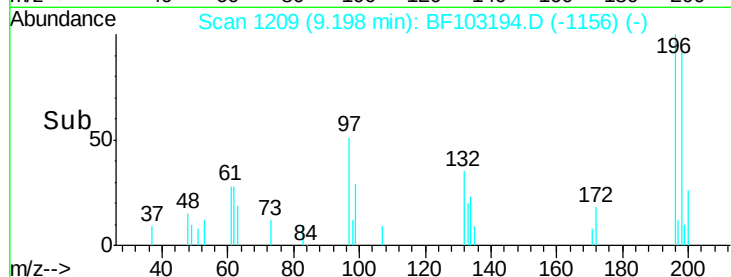
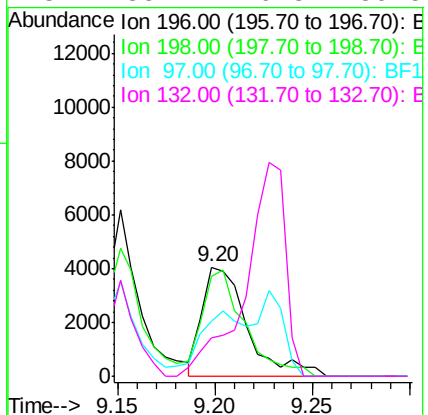
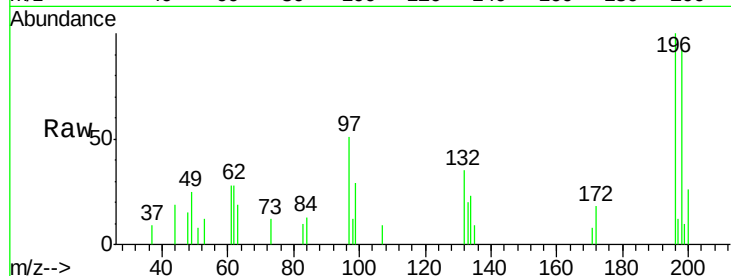




#43
 2,4,5-Trichlorophenol
 Concen: 0.845 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

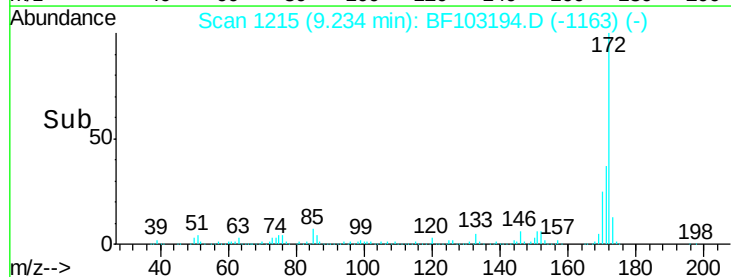
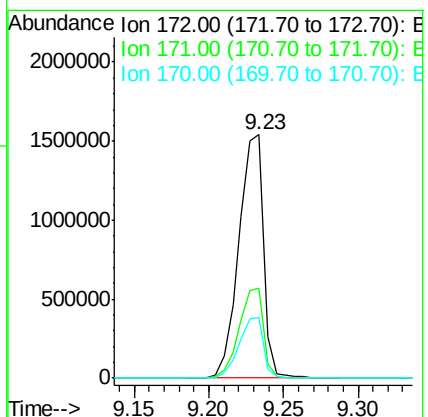
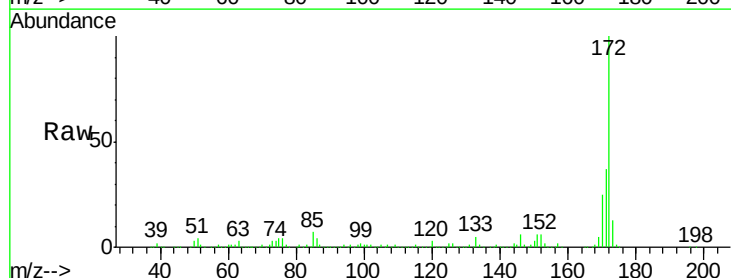
Instrument :
 BNA_F
 ClientSampleId :

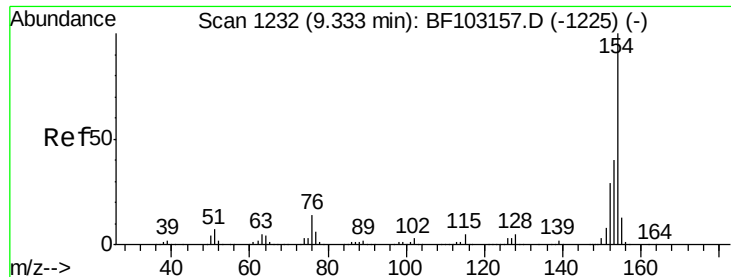
Tot Ion:196 Resp: 6498
 Ion Ratio Lower Upper
 196 100
 198 91.7 74.6 112.0
 97 50.8 42.9 64.3
 132 35.4 26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 83.862 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

Tgt Ion:172 Resp: 1776373
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.7 19.6 29.4

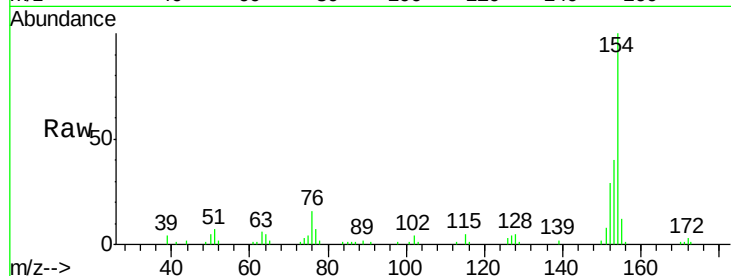




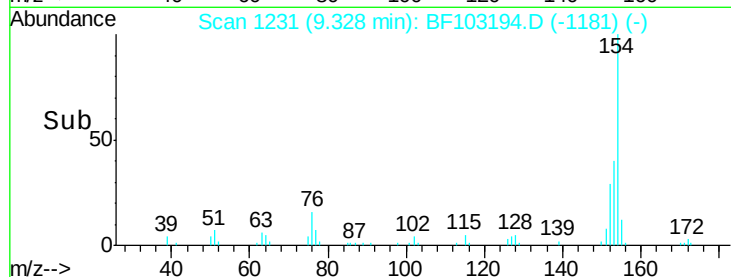
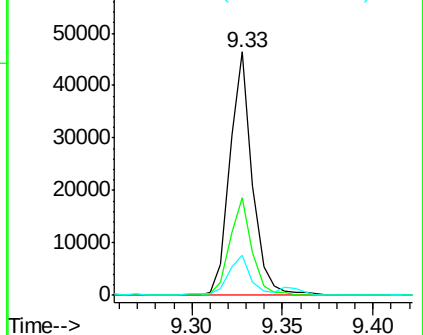
#45
 1,1'-Biphenyl
 Concen: 1.323 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.3	61.3
76	16.3	0.0	34.0

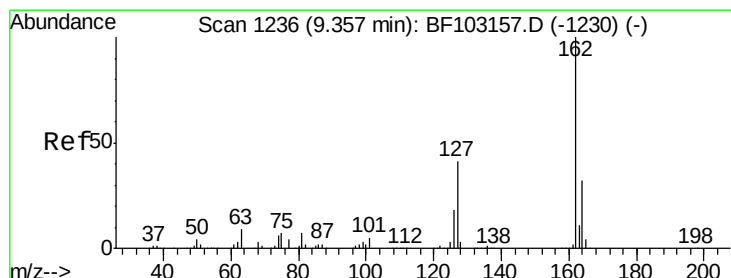


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

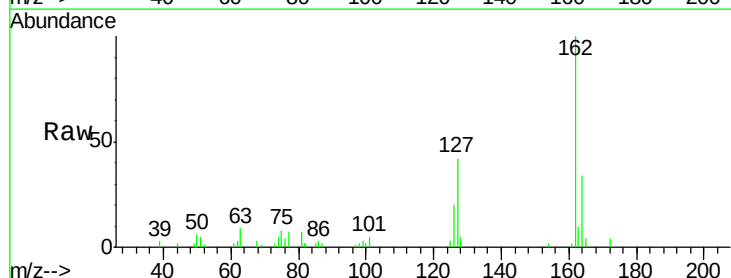
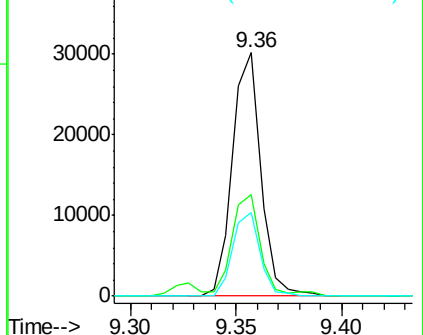


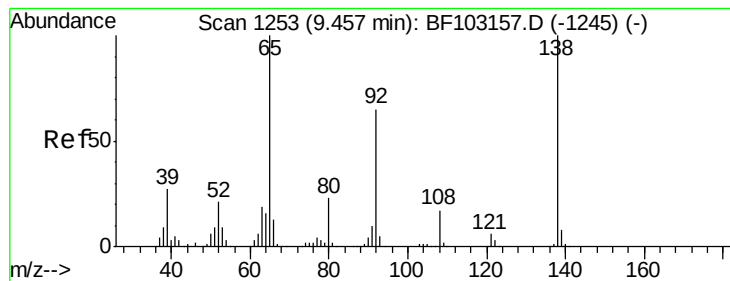
#46
 2-Chloronaphthalene
 Concen: 1.162 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.9	50.9
164	34.3	26.5	39.7



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





#47

2-Nitroaniline

Concen: 0.941 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampled :

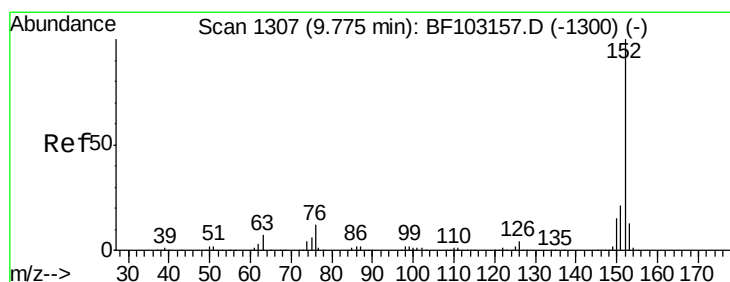
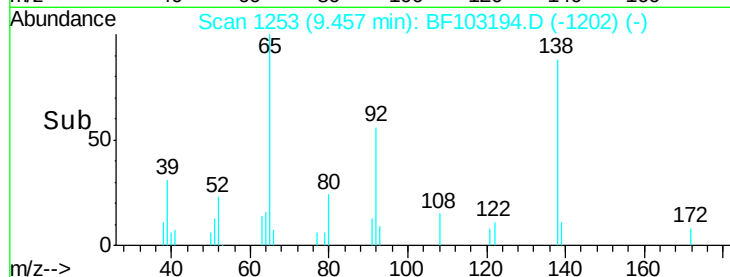
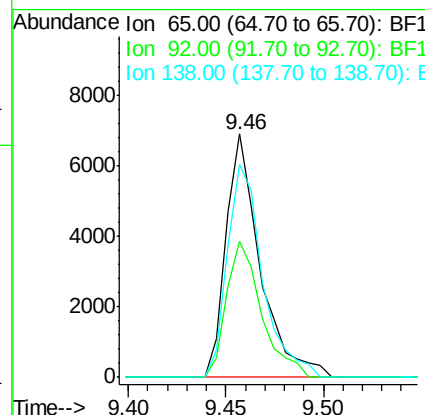
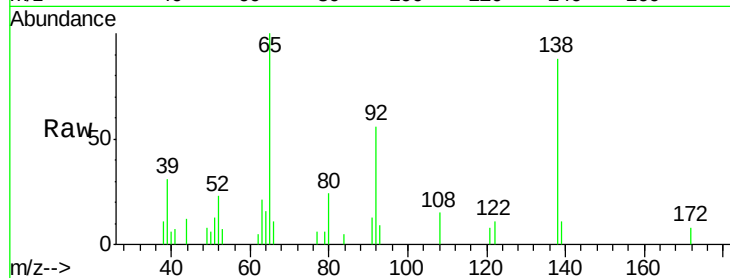
Tot Ion: 65 Resp: 8405

Ion Ratio Lower Upper

65 100

92 56.1 55.8 83.6

138 87.7 91.2 136.8#



#48

Acenaphthylene

Concen: 1.169 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

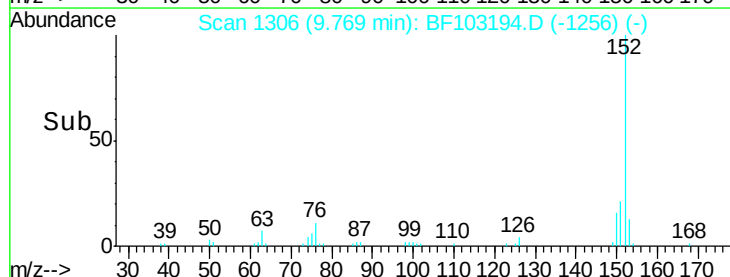
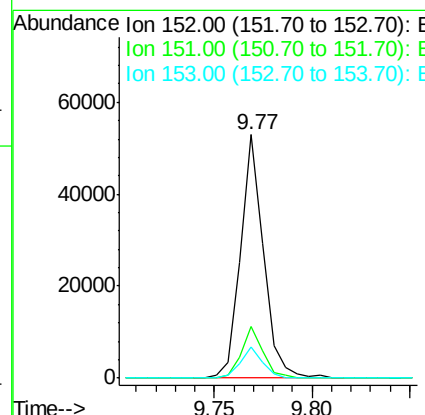
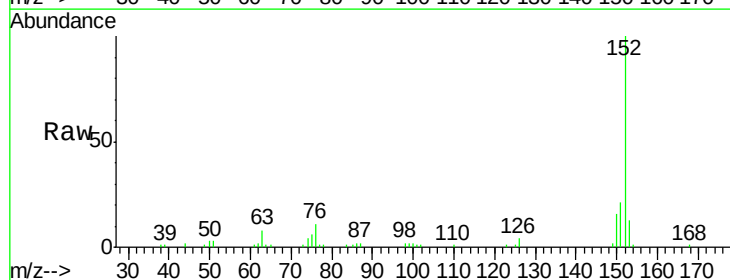
Tgt Ion: 152 Resp: 43367

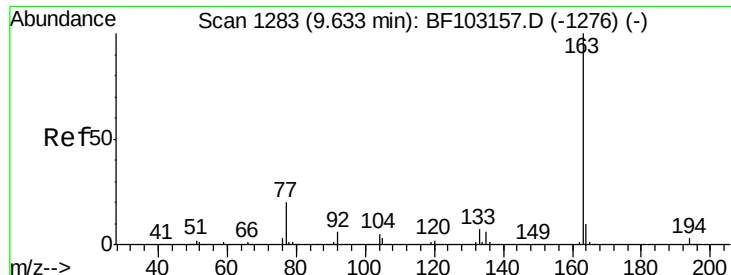
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 12.8 10.7 16.1

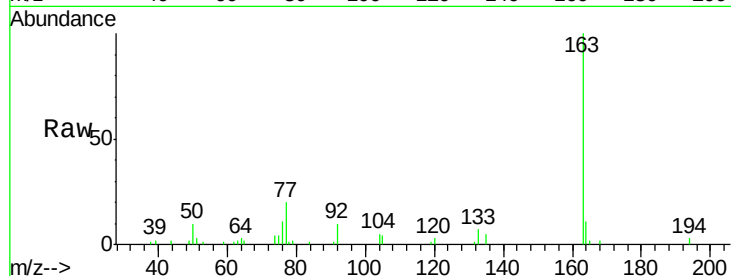




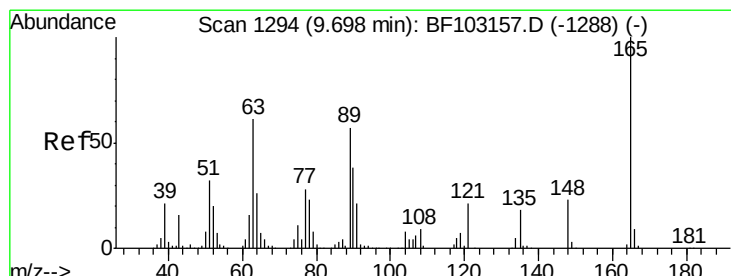
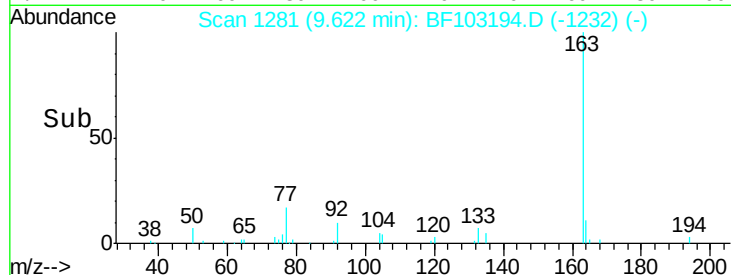
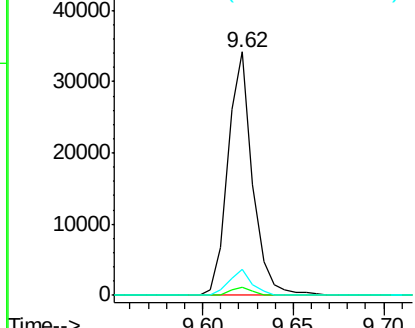
#49
Dimethylphthalate
Concen: 1.103 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 32187
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.6 8.2 12.2

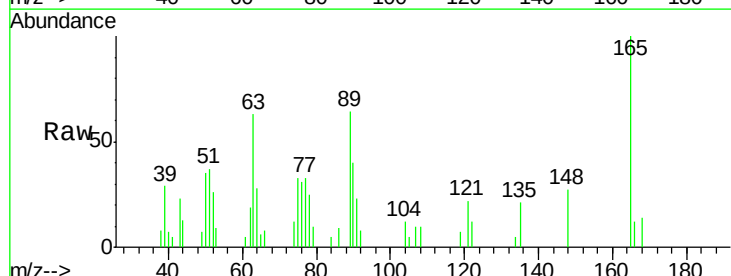


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

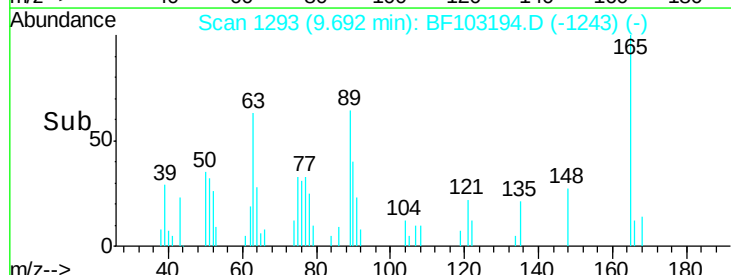
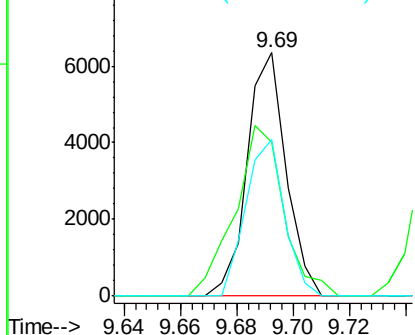


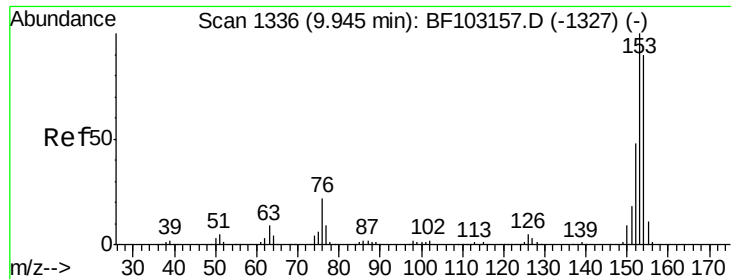
#50
2,6-Dinitrotoluene
Concen: 0.988 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:165 Resp: 6051
Ion Ratio Lower Upper
165 100
63 63.1 44.7 67.1
89 64.4 44.0 66.0



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





#51

Acenaphthene

Concen: 1.201 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampleId :

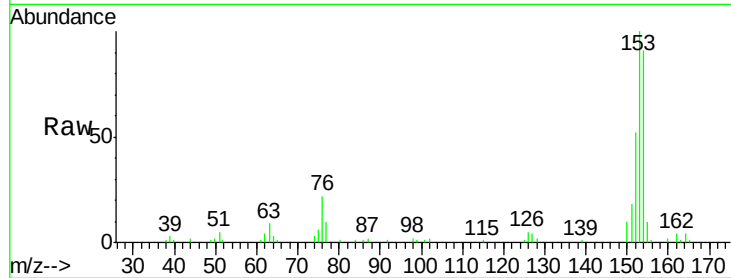
Tot Ion:154 Resp: 25971

Ion Ratio Lower Upper

154 100

153 109.9 91.2 136.8

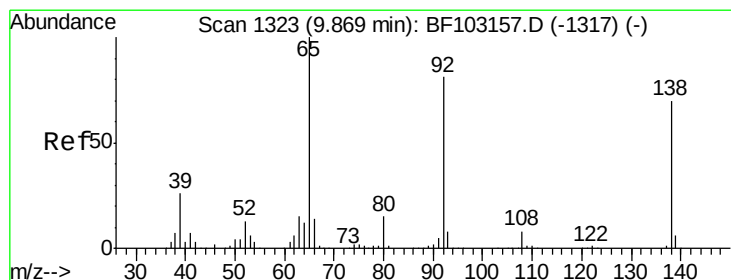
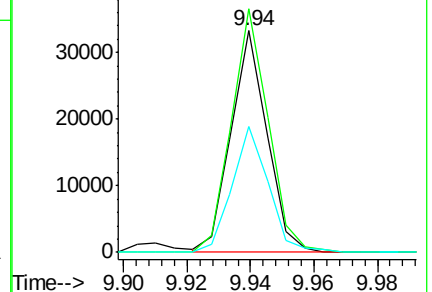
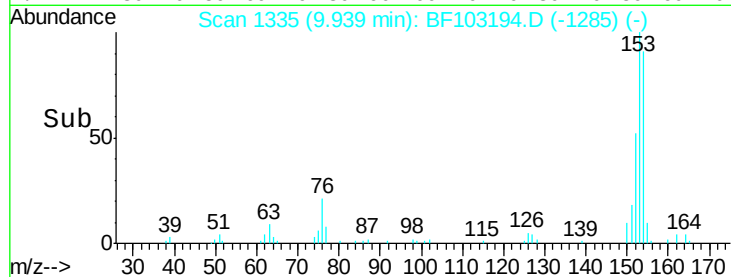
152 56.8 43.8 65.8



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



#52

3-Nitroaniline

Concen: 0.811 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

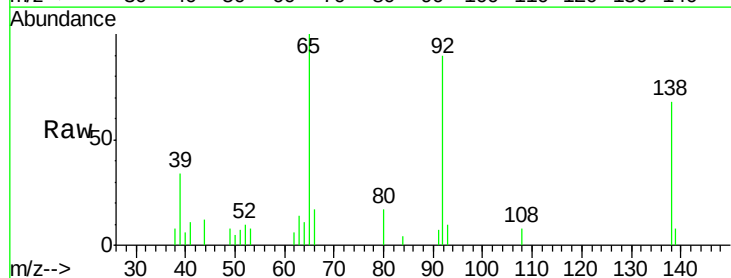
Tgt Ion:138 Resp: 6300

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

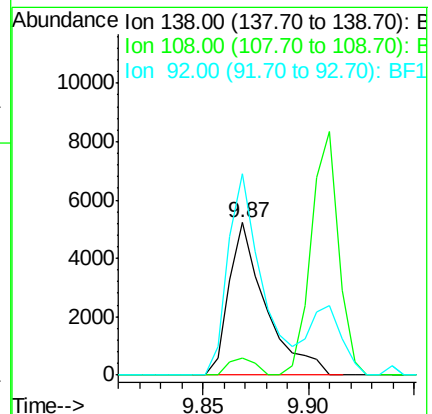
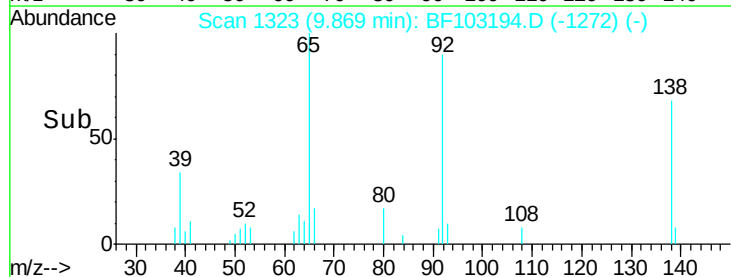
92 132.2 89.4 134.2

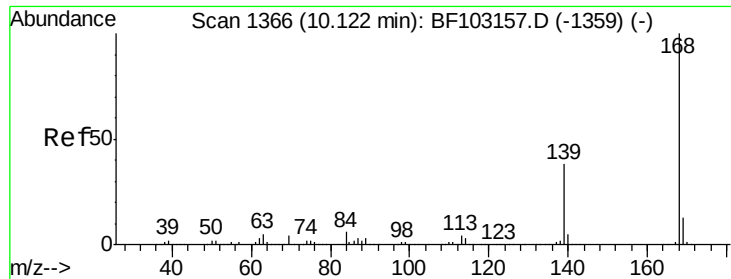


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

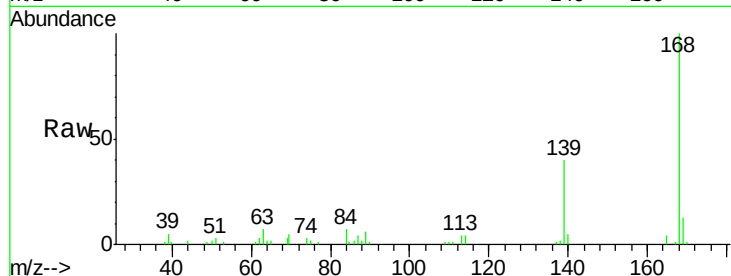




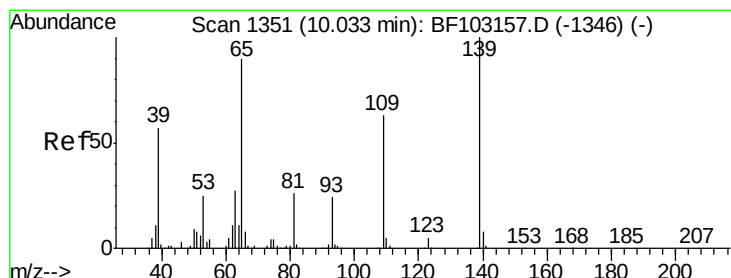
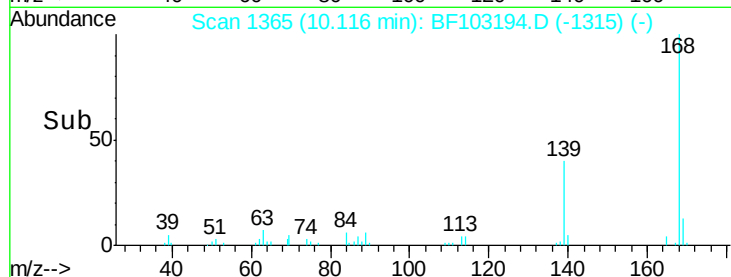
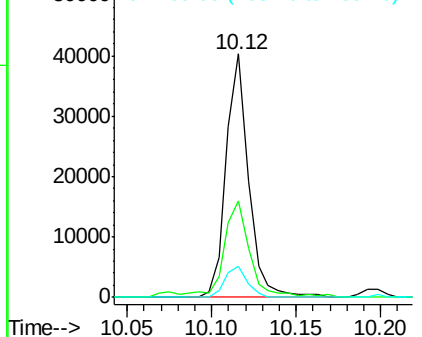
#54
Dibenzenofuran
Concen: 1.253 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 37212
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 13.0 10.9 16.3

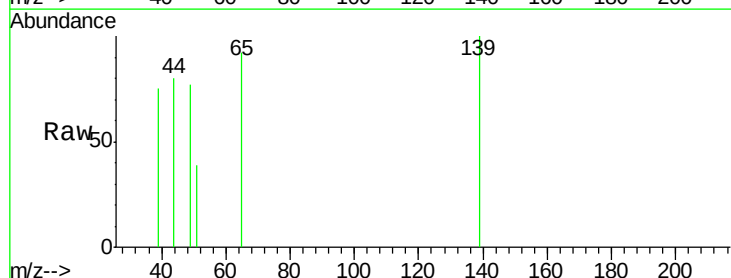


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

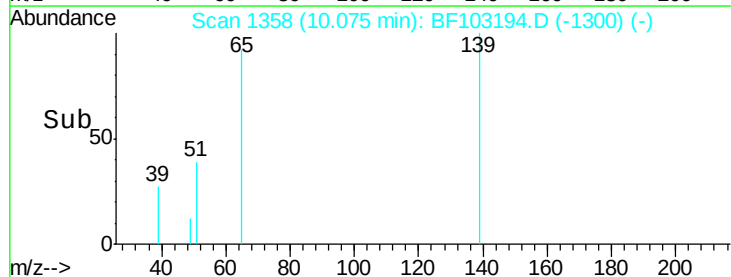
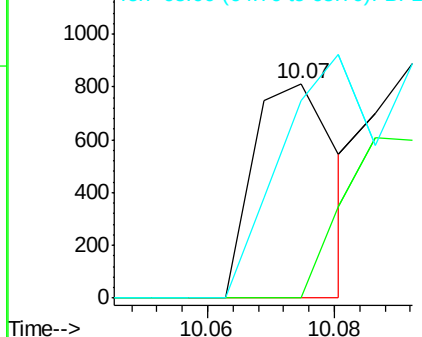


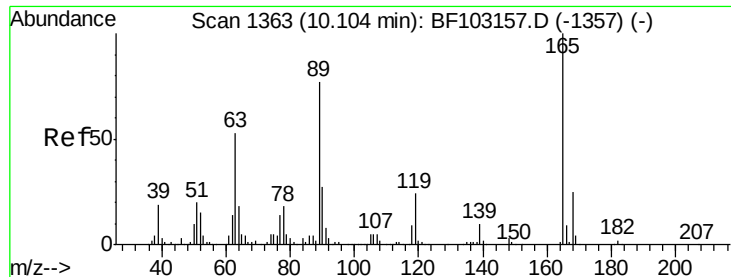
#55
4-Nitrophenol
Concen: 0.155 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.04 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:139 Resp: 745
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 91.9 72.6 112.6



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

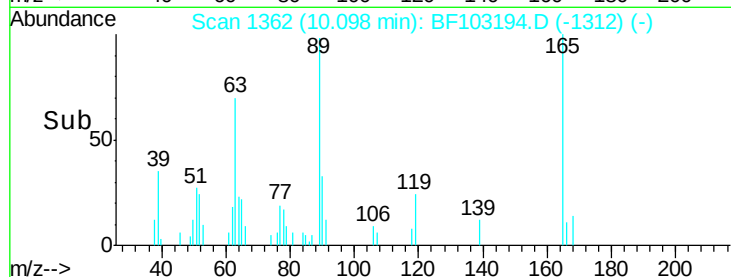
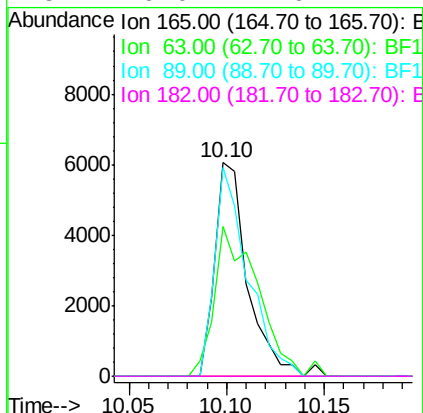
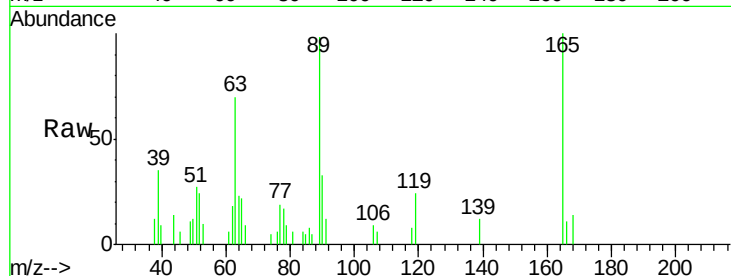




#56
2,4-Dinitrotoluene
Concen: 0.916 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

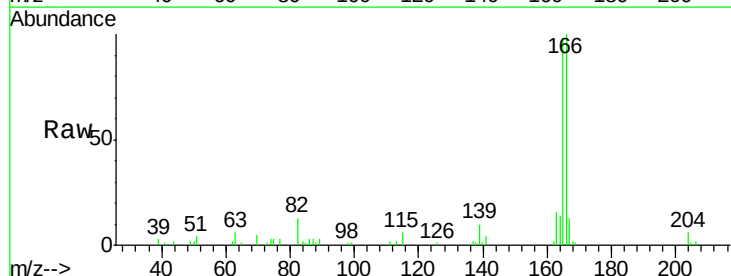
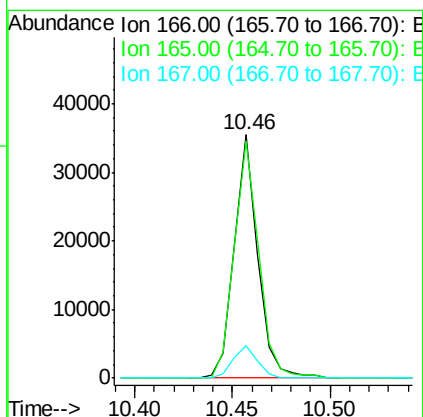
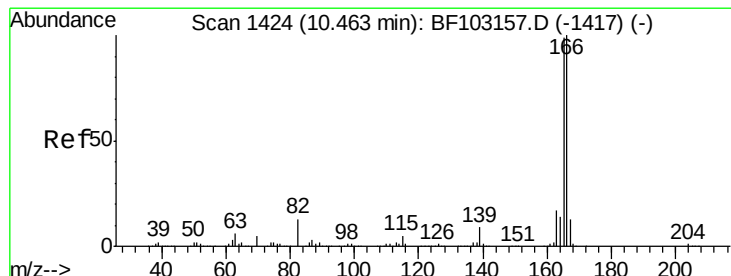
Instrument :
BNA_F
ClientSampled :

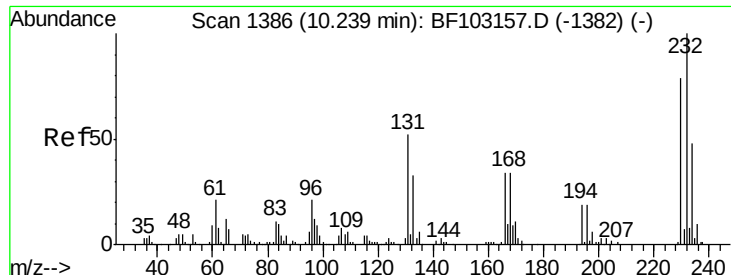
Tot Ion:165 Resp: 7094
Ion Ratio Lower Upper
165 100
63 69.9 36.4 54.6#
89 97.7 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 1.180 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:166 Resp: 29837
Ion Ratio Lower Upper
166 100
165 97.6 79.8 119.8
167 13.1 10.6 16.0

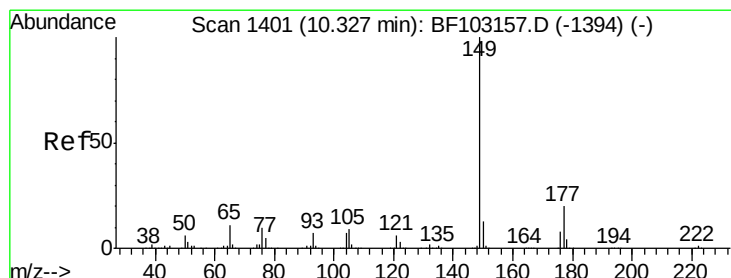
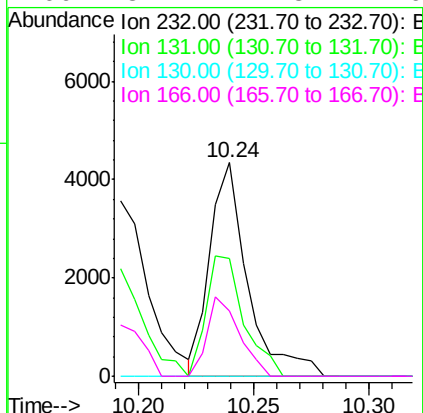
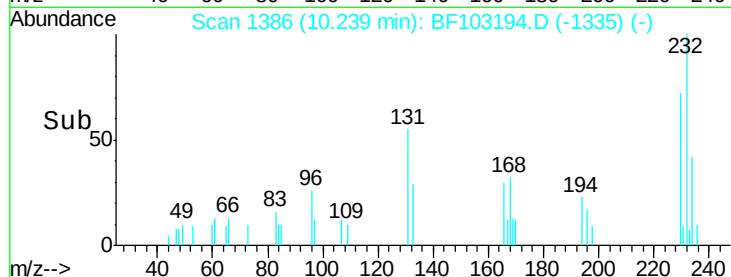
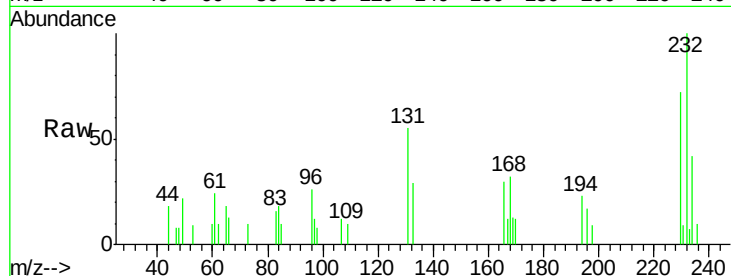




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.958 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

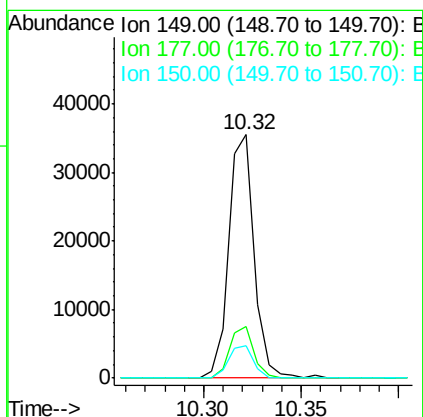
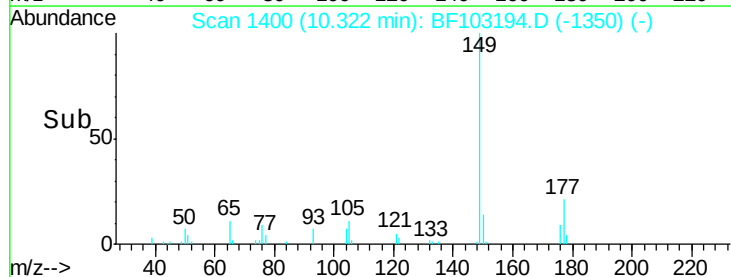
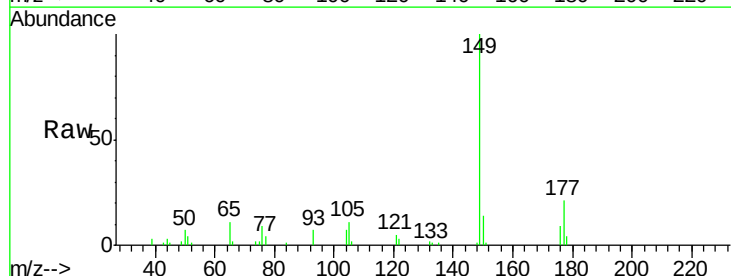
Instrument :
 BNA_F
 ClientSampleId :

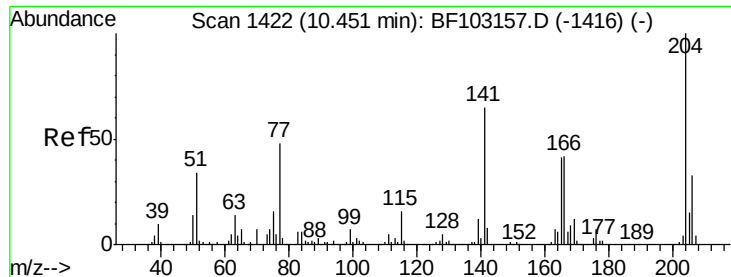
Tot Ion:232 Resp: 4954
 Ion Ratio Lower Upper
 232 100
 131 56.2 43.8 65.8
 130 0.0 2.1 3.1#
 166 31.4 27.8 41.6



#59
 Diethylphthalate
 Concen: 1.144 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

Tgt Ion:149 Resp: 31919
 Ion Ratio Lower Upper
 149 100
 177 21.1 16.1 24.1
 150 13.6 10.1 15.1

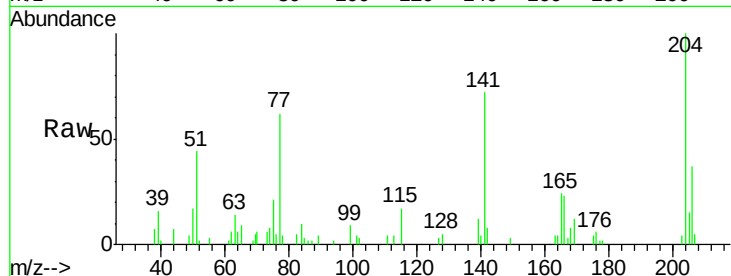




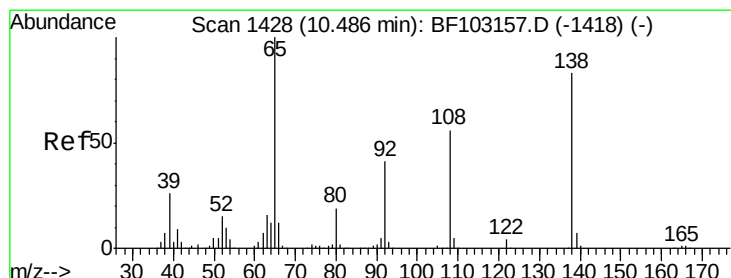
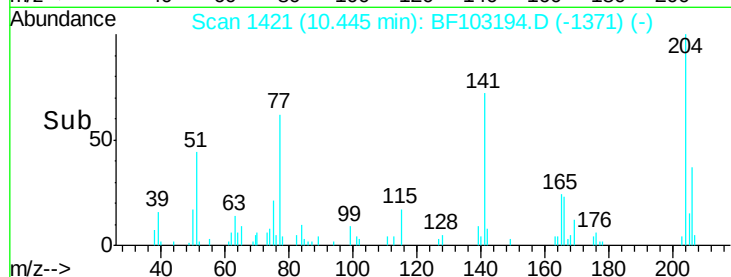
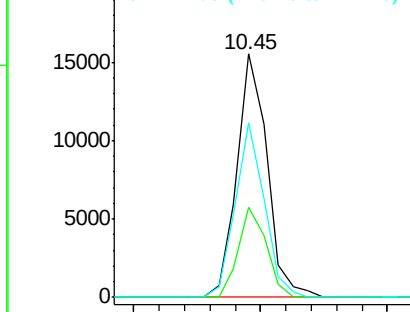
#60
4-Chlorophenyl-phenylether
Concen: 1.195 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 12821
Ion Ratio Lower Upper
204 100
206 36.8 26.5 39.7
141 71.9 54.6 81.8

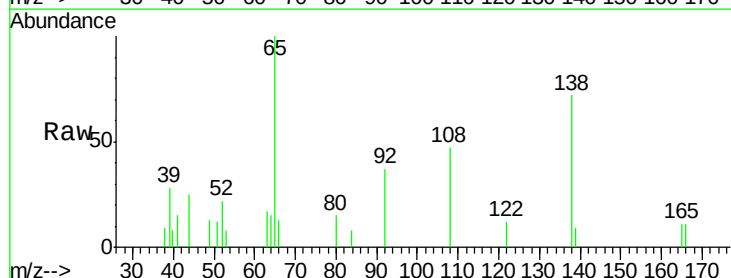


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

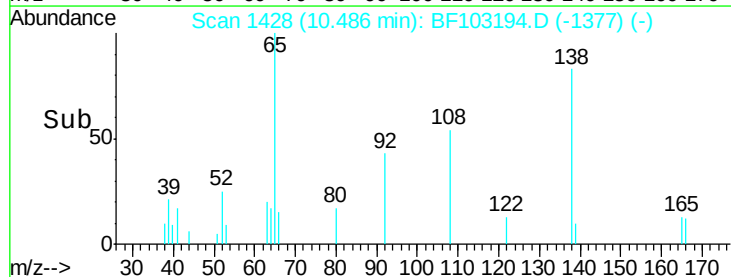
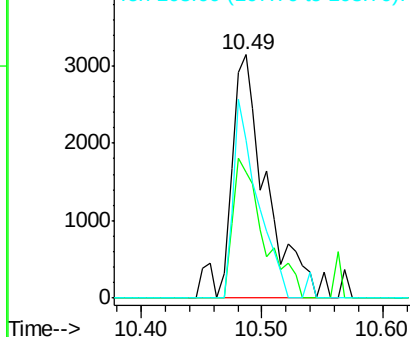


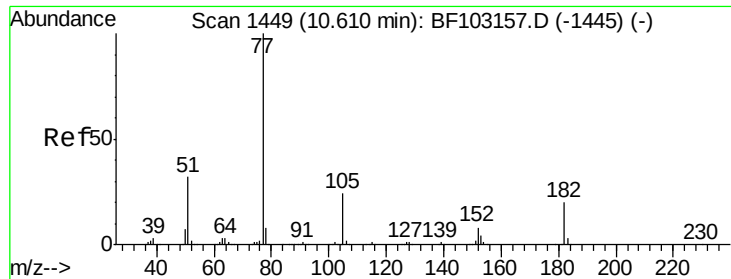
#61
4-Nitroaniline
Concen: 0.829 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:138 Resp: 6430
Ion Ratio Lower Upper
138 100
92 51.6 30.2 70.2
108 64.9 52.5 92.5



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

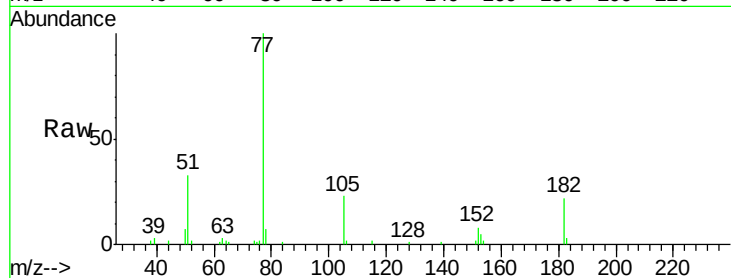




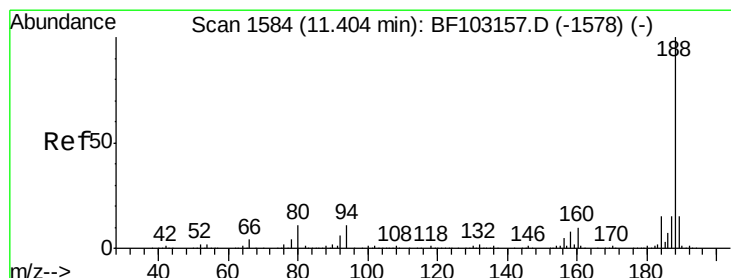
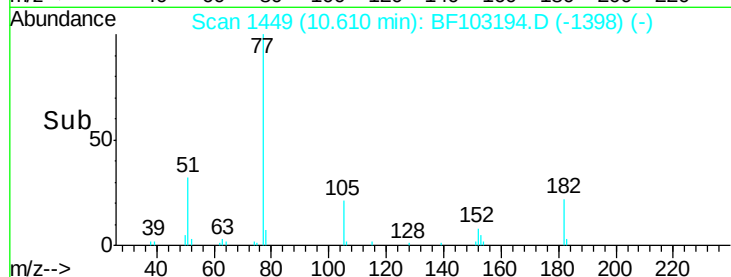
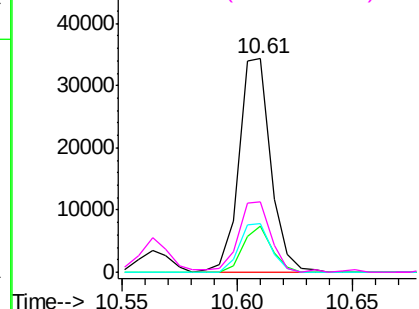
#62
Azobenzene
Concen: 1.166 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 33119
Ion Ratio Lower Upper
77 100
182 21.8 1.7 41.7
105 23.1 3.0 43.0
51 32.9 9.9 49.9

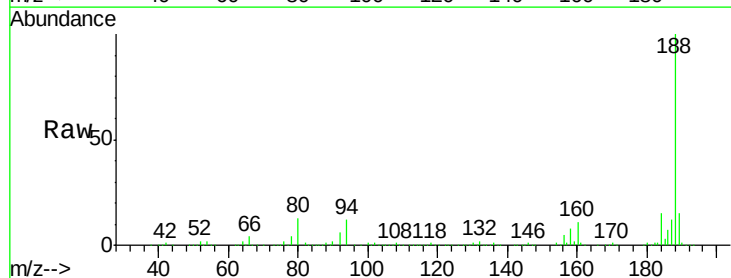


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

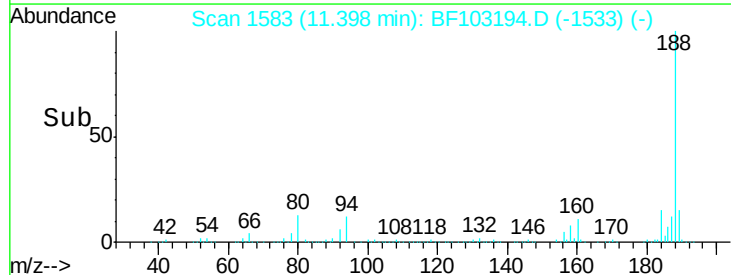
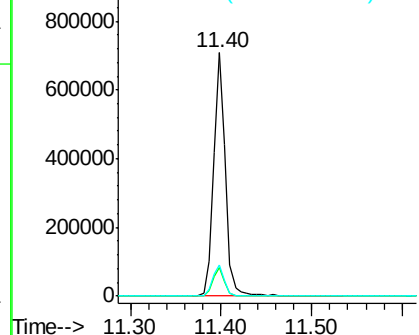


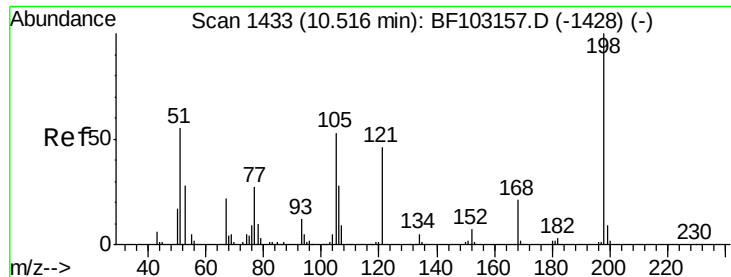
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion: 188 Resp: 649606
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.7 9.2 13.8



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

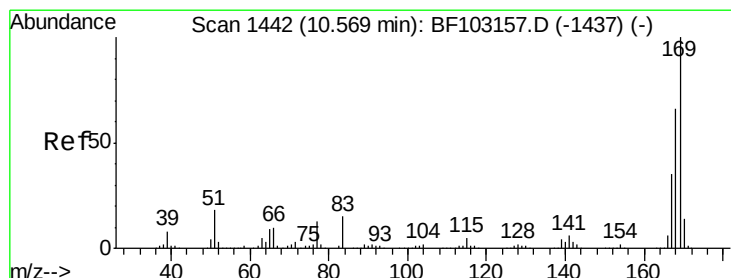
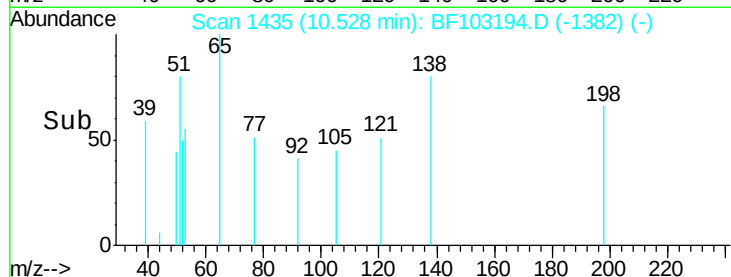
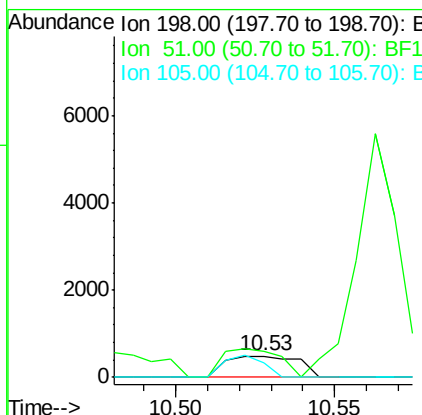
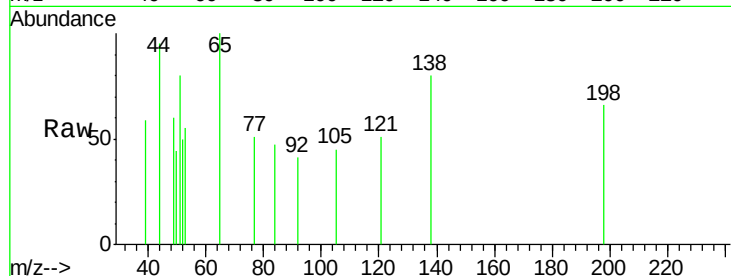




#64
4,6-Dinitro-2-methylphenol
Concen: 5.120 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

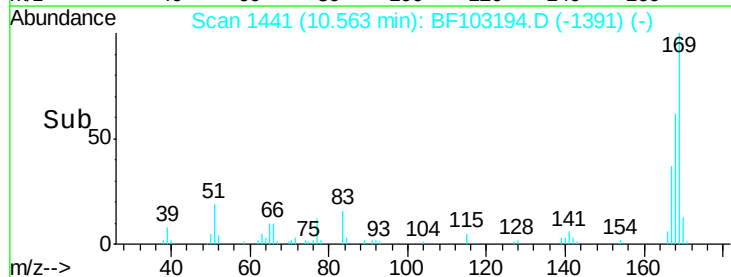
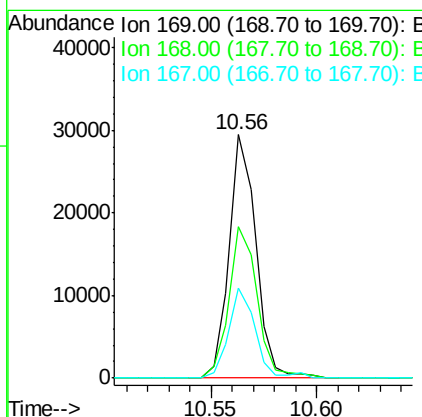
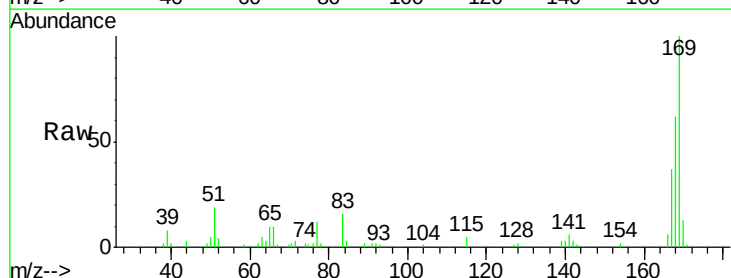
Instrument :
BNA_F
ClientSampleId :

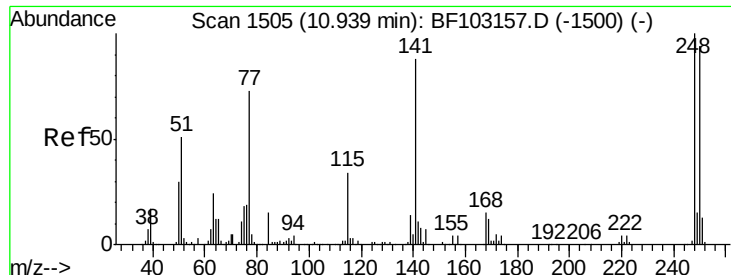
Tot Ion:198 Resp: 769
Ion Ratio Lower Upper
198 100
51 120.4 37.7 77.7#
105 67.8 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 1.134 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:169 Resp: 25652
Ion Ratio Lower Upper
169 100
168 62.1 54.4 81.6
167 36.8 29.8 44.6

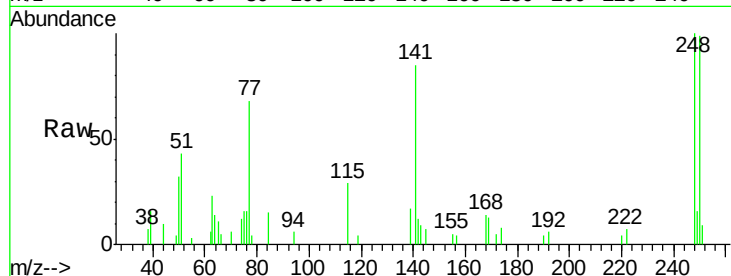




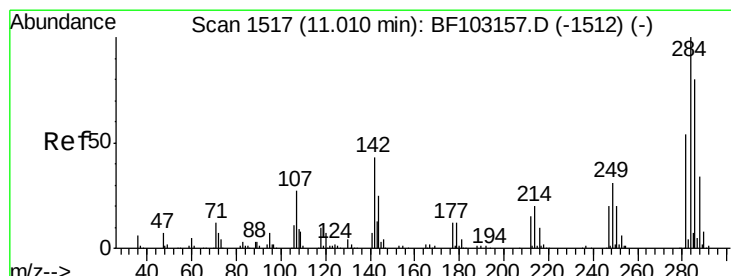
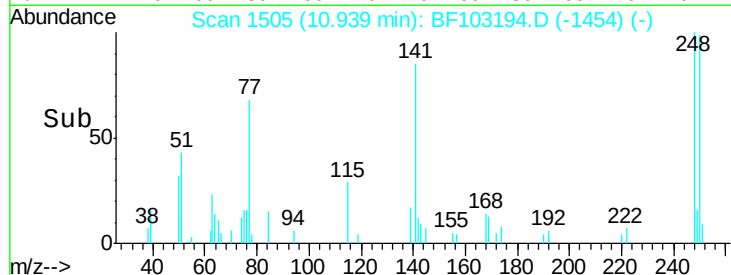
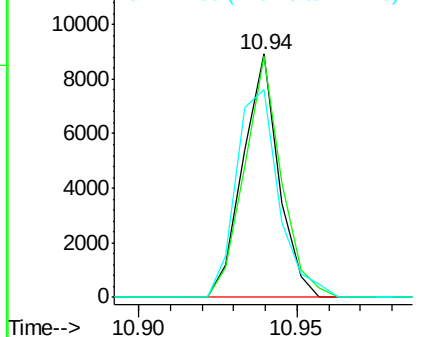
#66
4-Bromophenyl-phenylether
Concen: 1.030 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6971
Ion Ratio Lower Upper
248 100
250 98.9 76.9 115.3
141 85.3 74.4 111.6

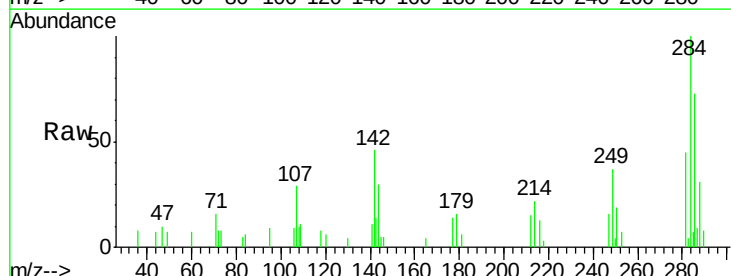


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

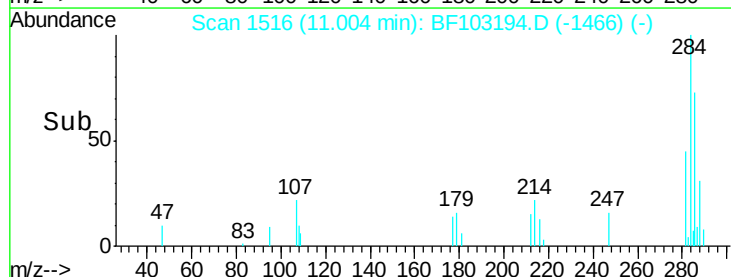
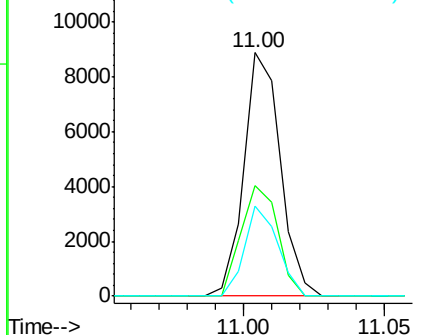


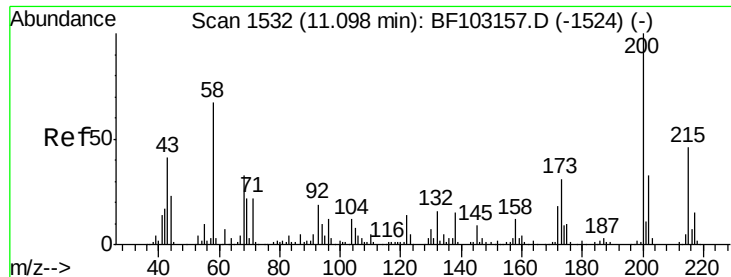
#67
Hexachlorobenzene
Concen: 1.081 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:284 Resp: 7938
Ion Ratio Lower Upper
284 100
142 45.6 34.6 52.0
249 36.9 24.8 37.2



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

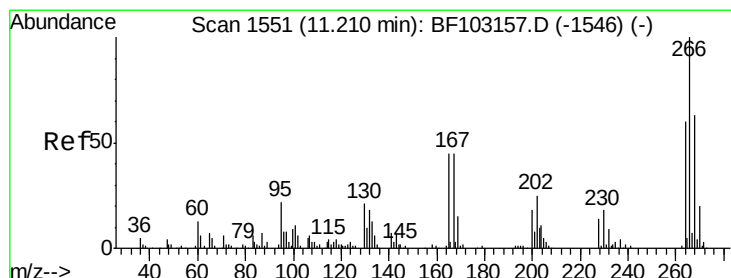
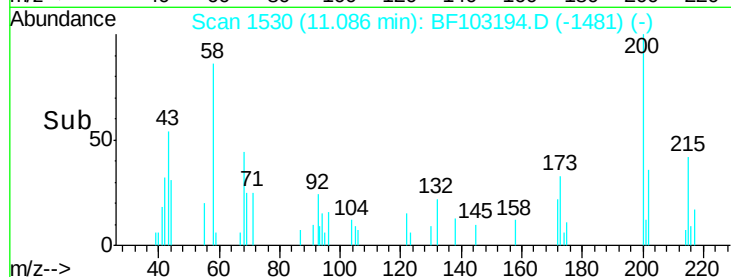
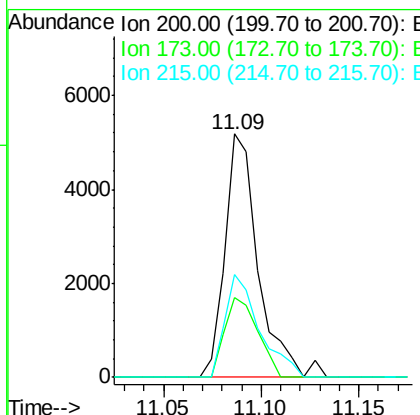
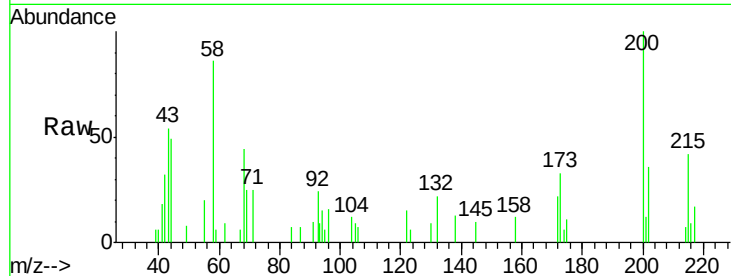




#68
Atrazine
Concen: 0.903 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

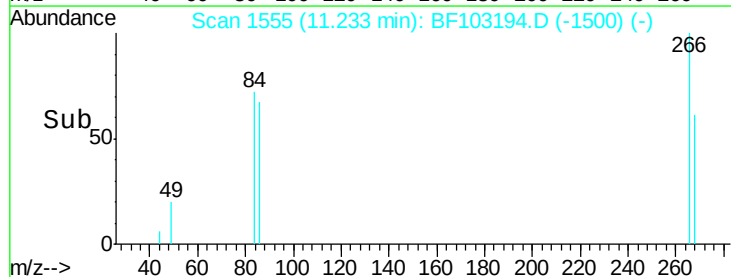
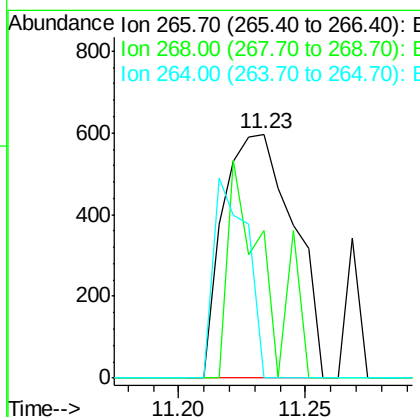
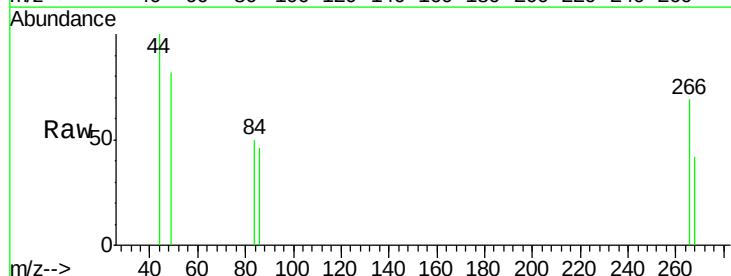
Instrument :
BNA_F
ClientSampleId :

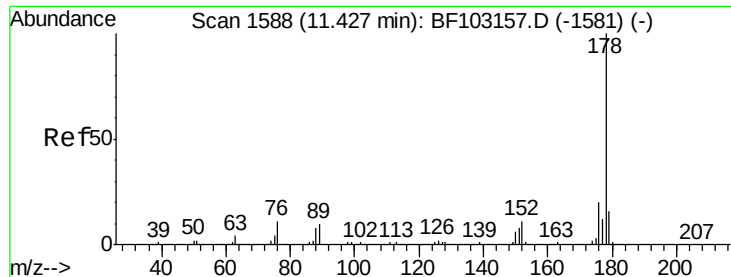
Tot Ion:200 Resp: 6142
Ion Ratio Lower Upper
200 100
173 32.7 8.6 48.6
215 42.0 25.1 65.1



#69
Pentachlorophenol
Concen: 0.323 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:266 Resp: 1146
Ion Ratio Lower Upper
266 100
268 60.7 51.1 76.7
264 0.0 49.5 74.3#





#70

Phenanthrene

Concen: 1.175 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampleId :

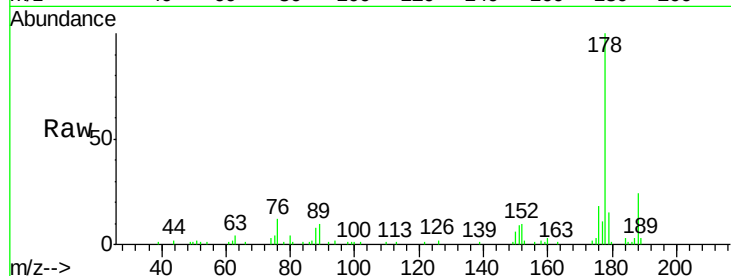
Tot Ion:178 Resp: 42000

Ion Ratio Lower Upper

178 100

176 18.1 15.8 23.8

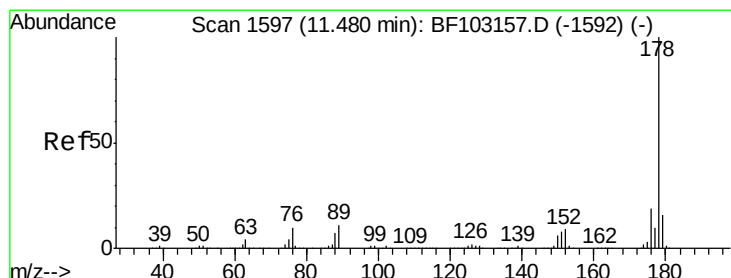
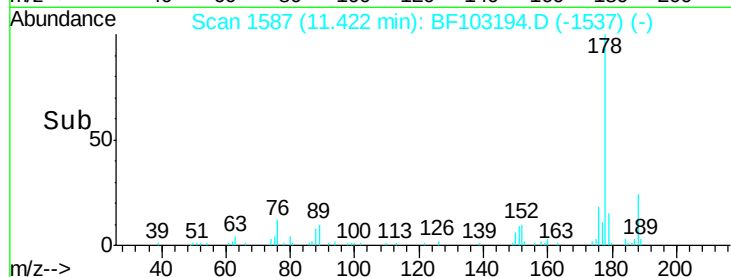
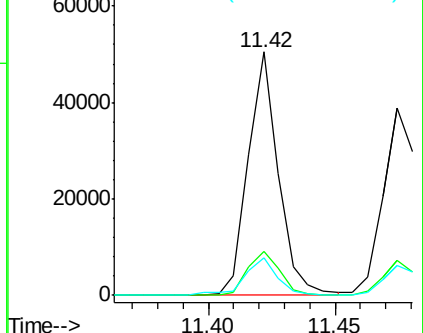
179 15.3 13.0 19.6



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



#71

Anthracene

Concen: 1.127 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

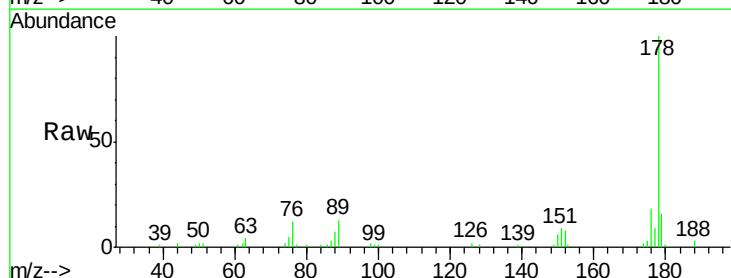
Tgt Ion:178 Resp: 41301

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

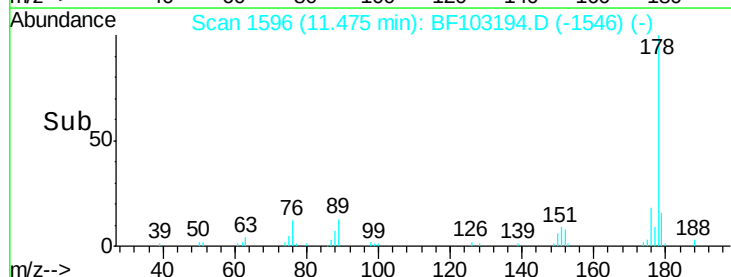
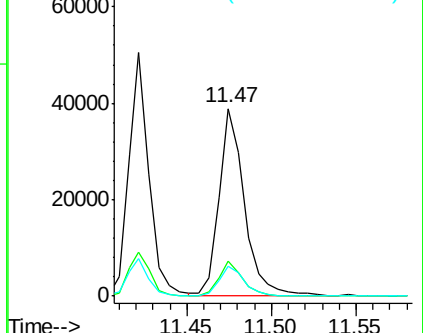
179 16.2 12.6 19.0

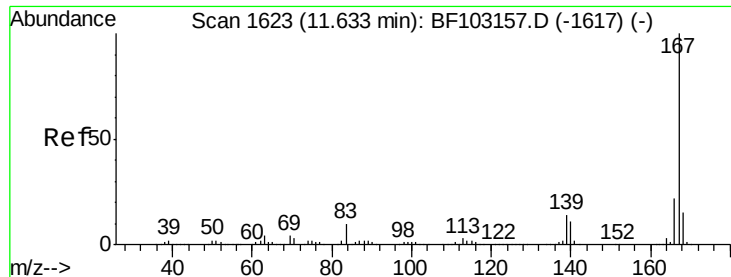


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

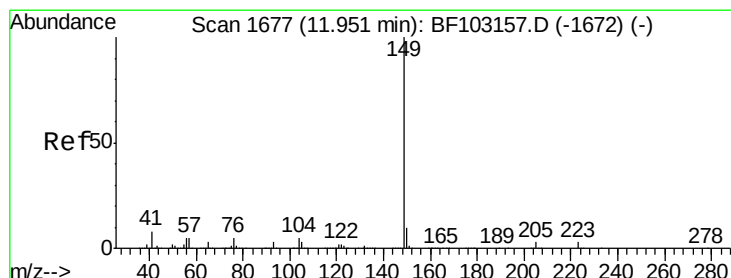
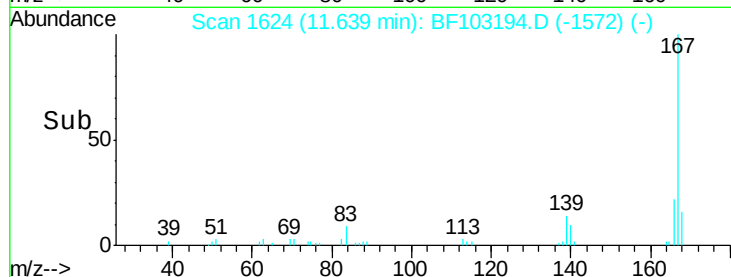
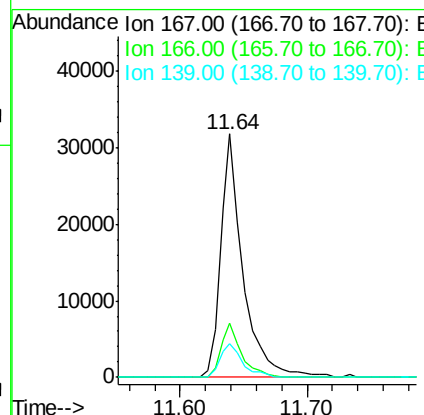
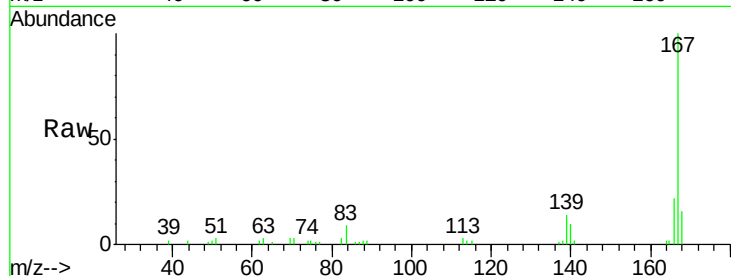




#72
 Carbazole
 Concen: 1.069 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

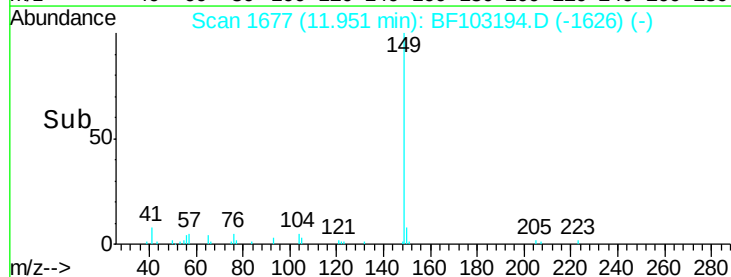
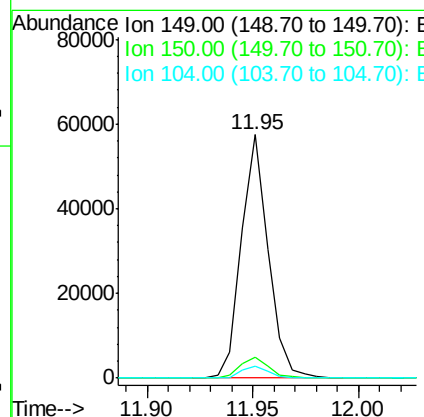
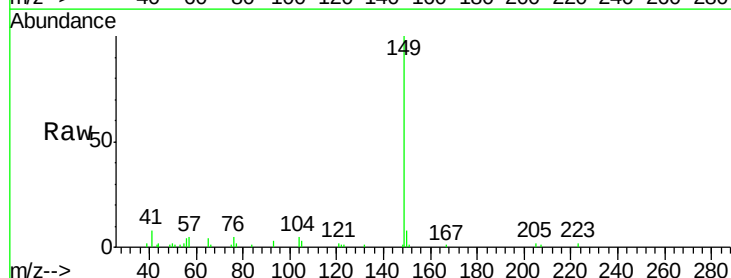
Instrument :
 BNA_F
 ClientSampleId :

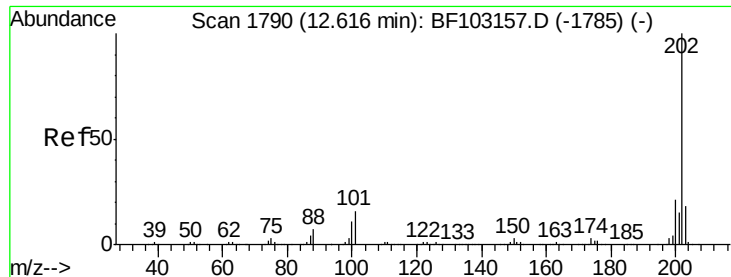
Tot Ion:167 Resp: 39014
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.7 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 1.103 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

Tgt Ion:149 Resp: 50381
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.8 11.6
 104 4.8 3.8 5.8

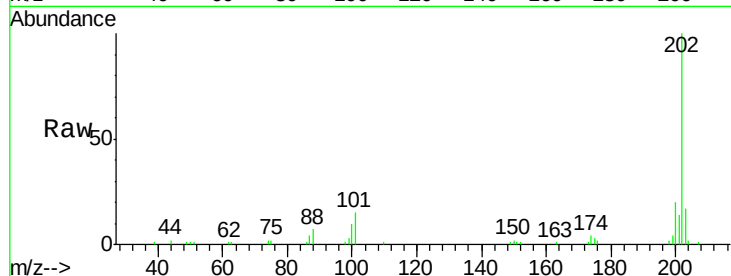




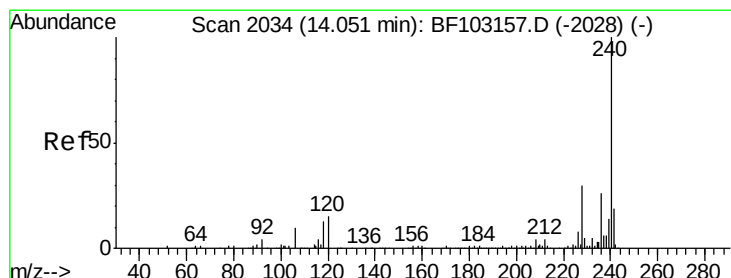
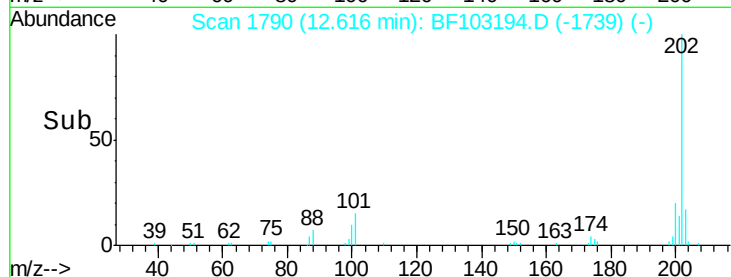
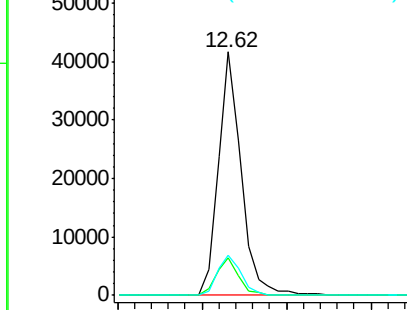
#74
 Fluoranthene
 Concen: 1.097 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 39424
 Ion Ratio Lower Upper
 202 100
 101 15.2 0.0 34.1
 203 16.6 0.0 38.1

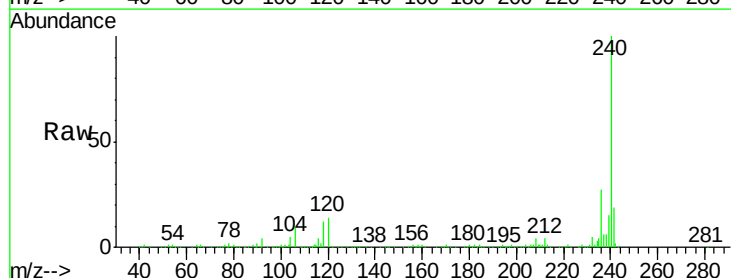


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

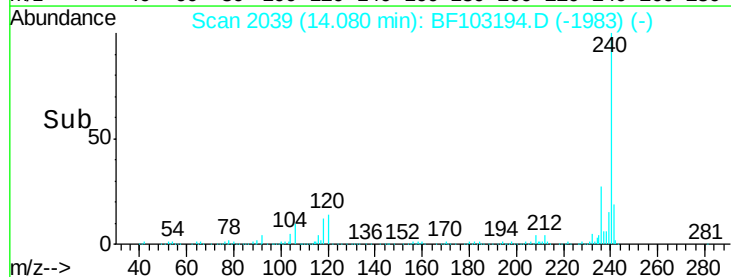
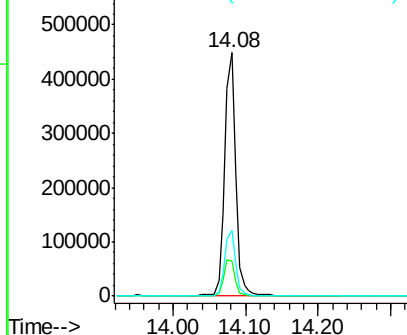


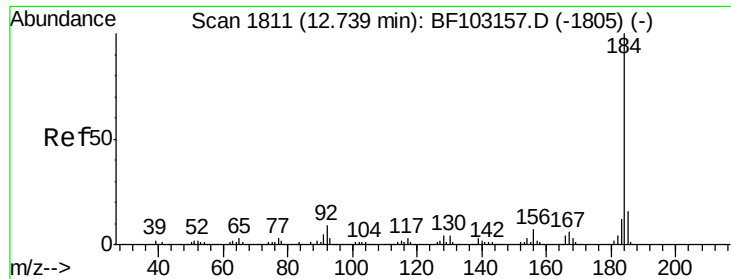
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.03 min
 Lab File: BF103194.D
 Acq: 23 Feb 2018 12:52

Tgt Ion:240 Resp: 480546
 Ion Ratio Lower Upper
 240 100
 120 14.4 9.5 14.3#
 236 27.1 20.7 31.1



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





#76

Benzidine

Concen: 0.527 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampleId :

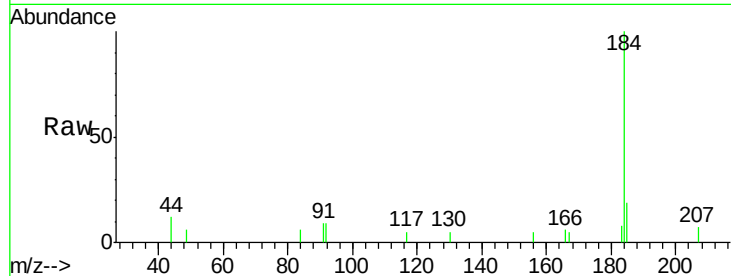
Tot Ion:184 Resp: 9467

Ion Ratio Lower Upper

184 100

185 18.8 12.6 18.8

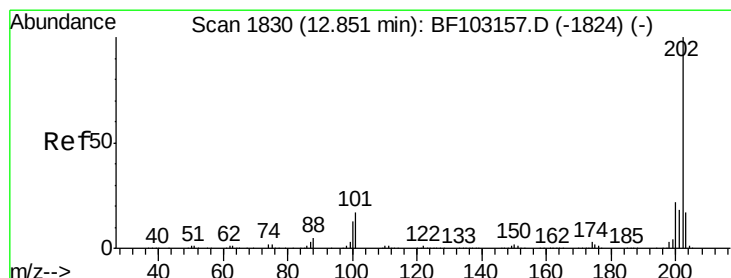
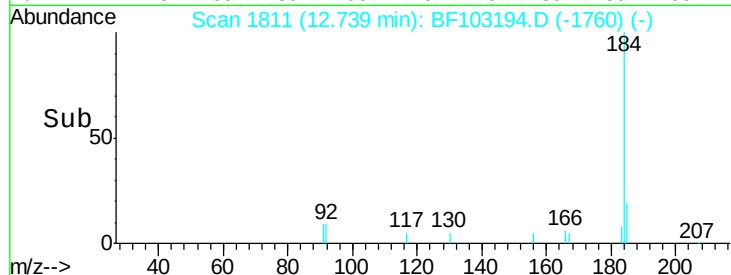
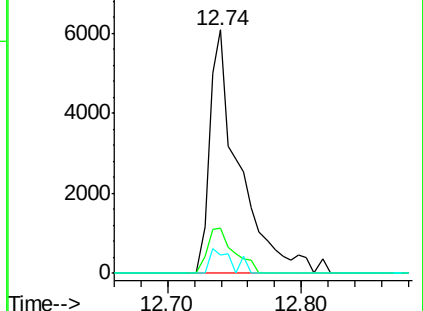
183 7.7 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 1.099 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

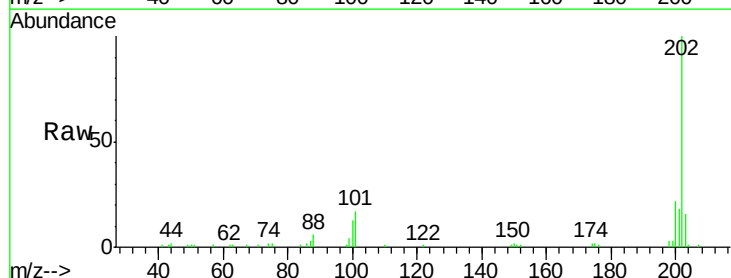
Tgt Ion:202 Resp: 41193

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

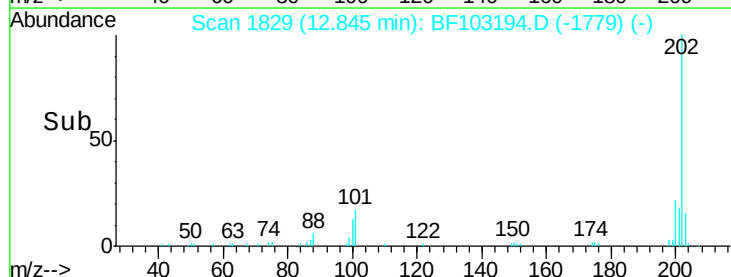
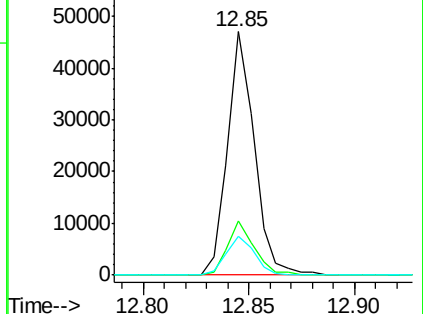
203 16.0 14.3 21.5

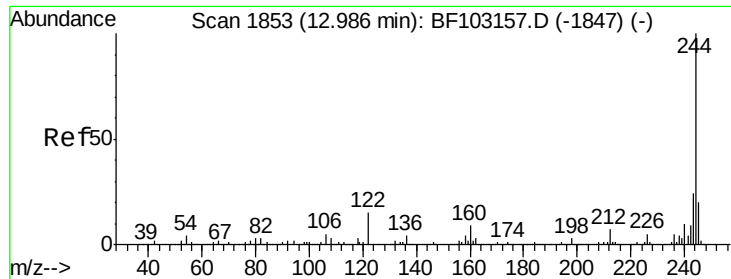


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.972 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampleId :

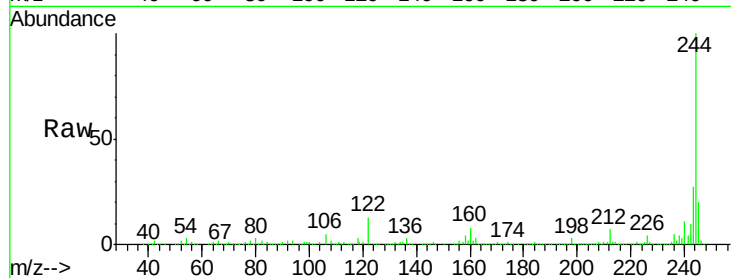
Tot Ion:244 Resp: 1478739

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

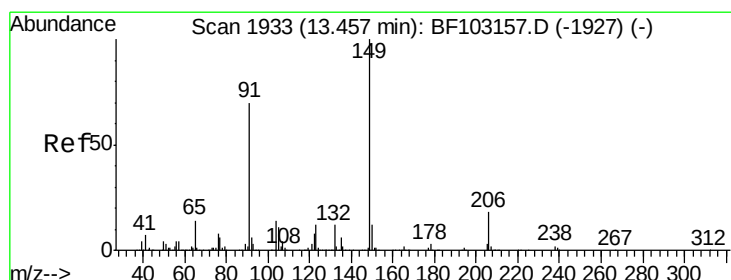
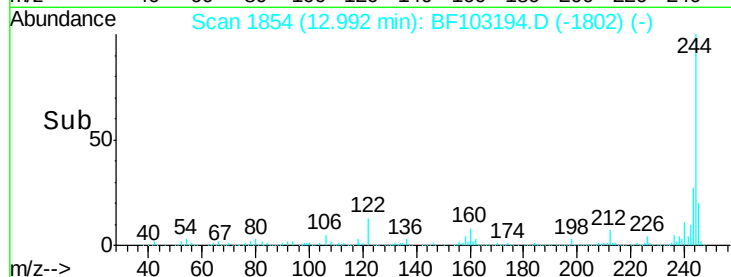
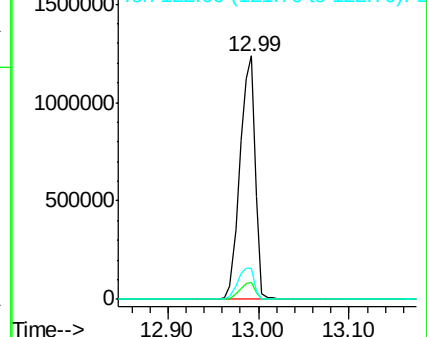
122 12.9 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 0.932 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

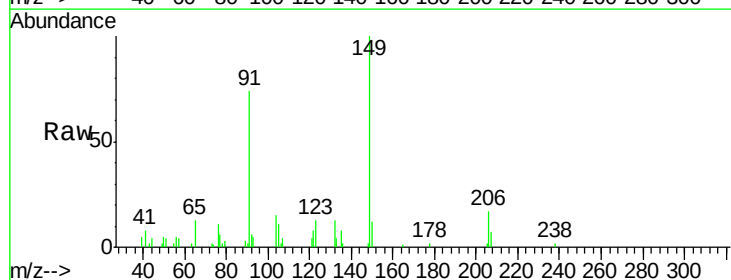
Tgt Ion:149 Resp: 18454

Ion Ratio Lower Upper

149 100

91 74.1 56.8 85.2

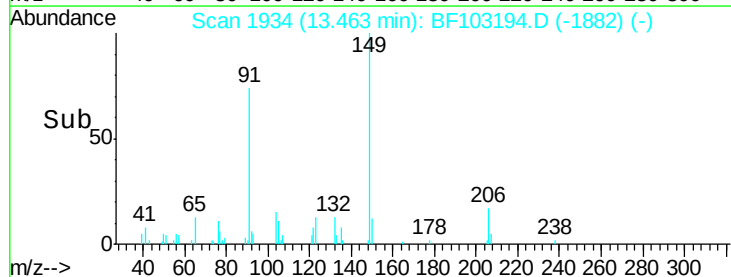
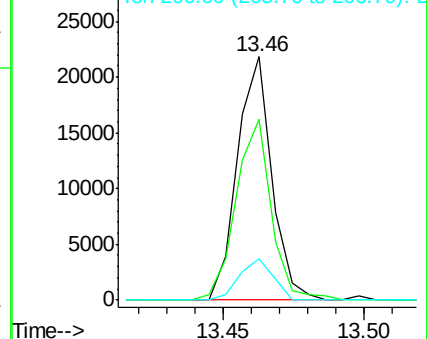
206 16.9 14.1 21.1

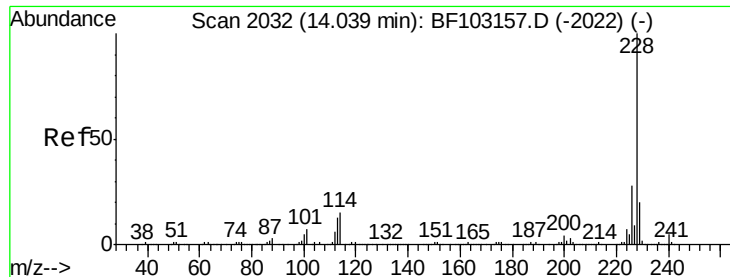


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 1.057 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.03 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampleId :

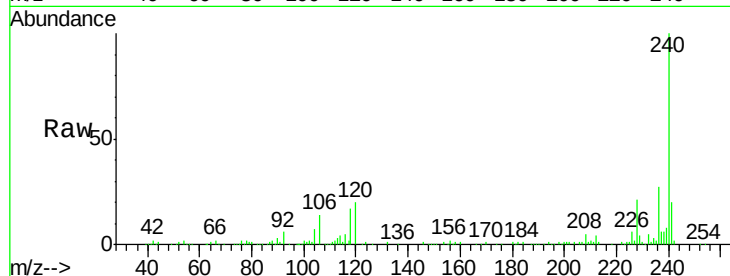
Tot Ion:228 Resp: 32962

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

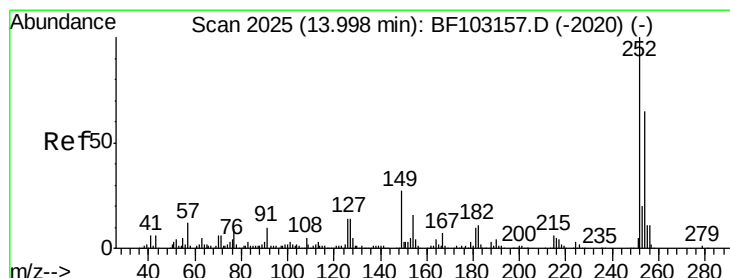
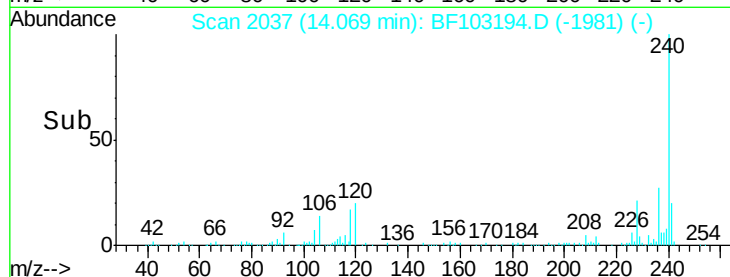
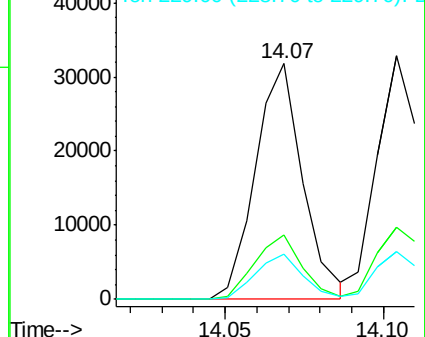
229 19.1 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 0.940 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.04 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

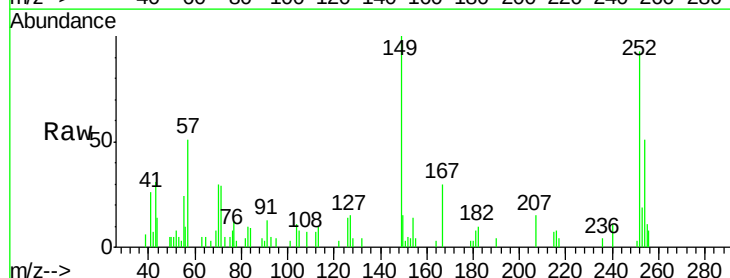
Tgt Ion:252 Resp: 10456

Ion Ratio Lower Upper

252 100

254 54.1 50.4 75.6

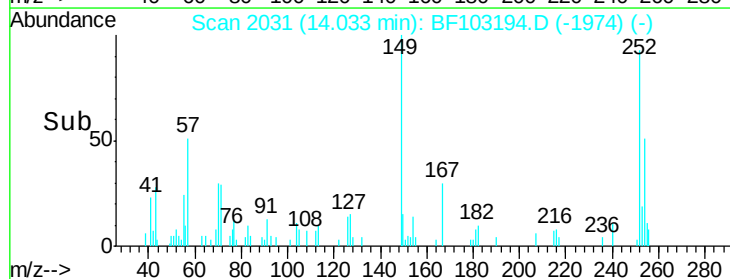
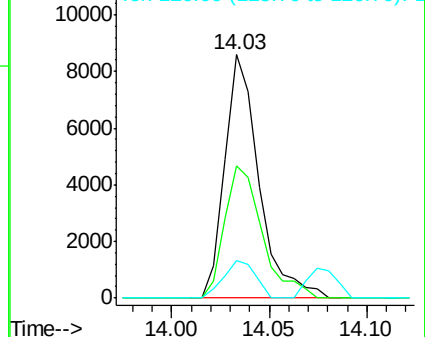
126 15.2 11.3 16.9

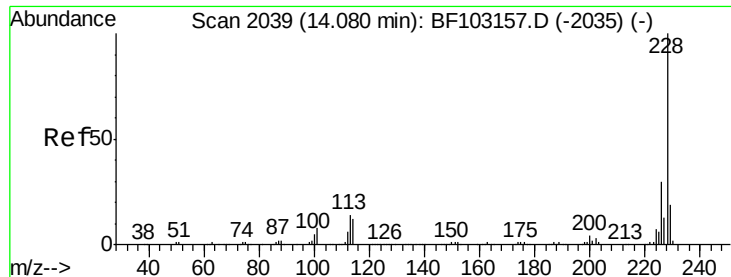


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

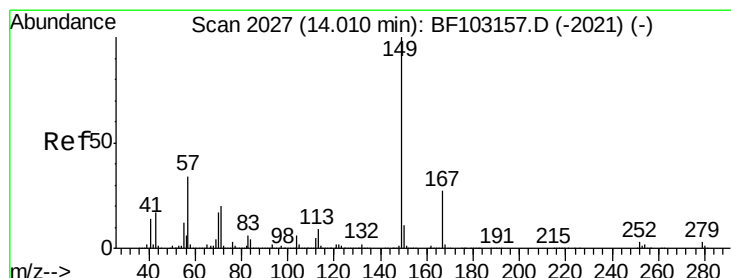
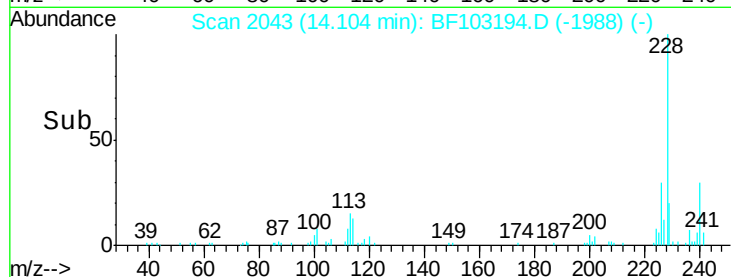
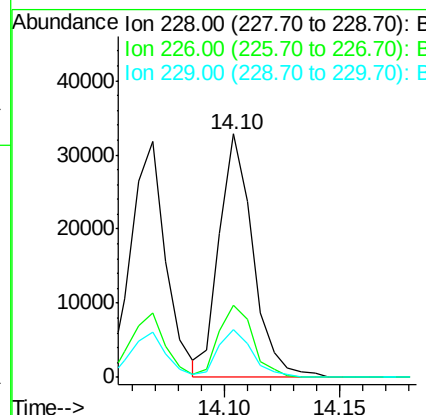
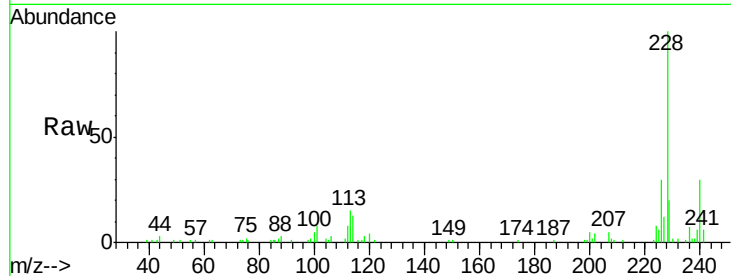




#82
Chrysene
Concen: 1.096 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.02 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

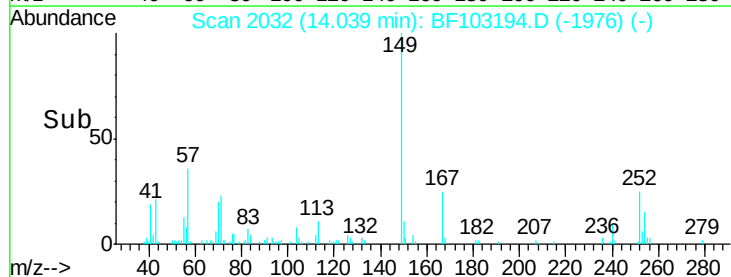
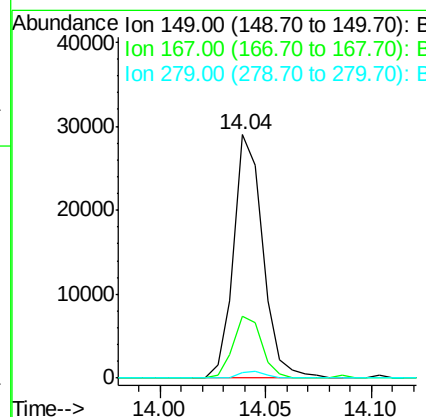
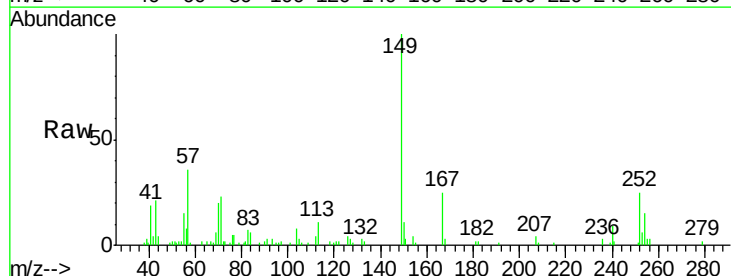
Instrument :
BNA_F
ClientSampleId :

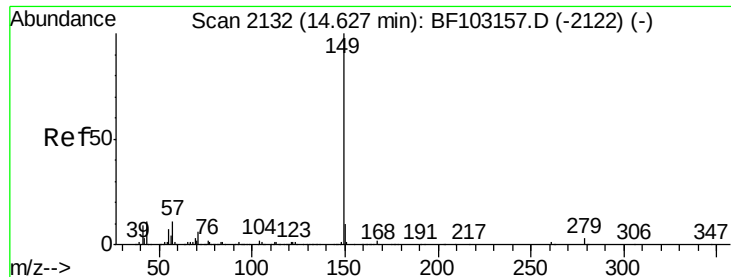
Tot Ion:228 Resp: 33176
Ion Ratio Lower Upper
228 100
226 29.6 25.0 37.6
229 19.7 16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 1.033 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.03 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:149 Resp: 27604
Ion Ratio Lower Upper
149 100
167 25.3 21.3 31.9
279 2.0 3.0 4.4#

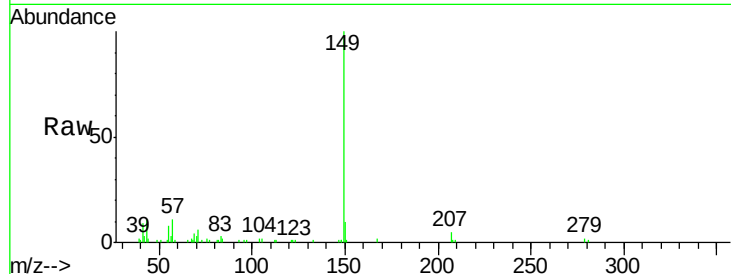




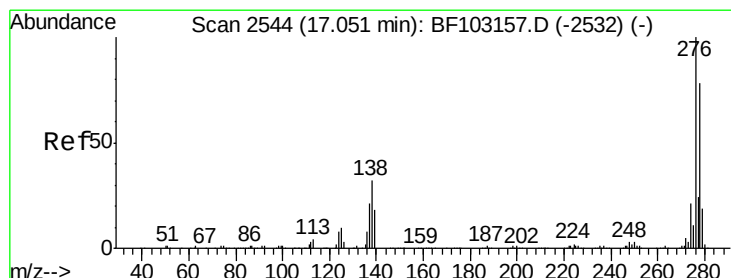
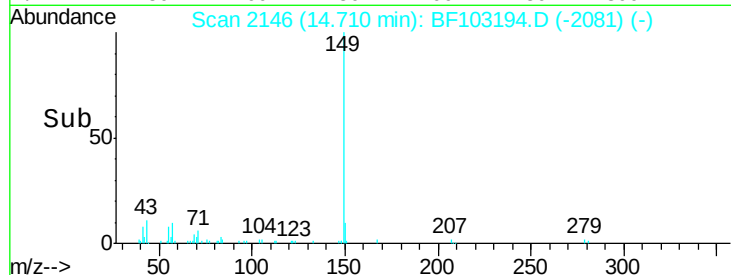
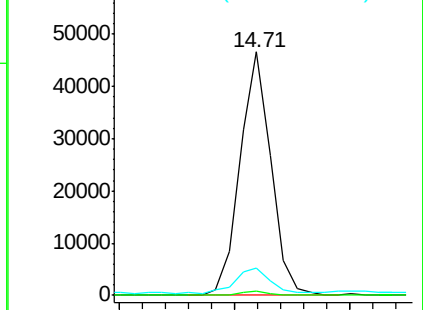
#84
Di-n-octyl phthalate
Concen: 1.007 ng
RT: 14.71 min Scan# 2146
Delta R.T. 0.08 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 43456
Ion Ratio Lower Upper
149 100
167 1.3 1.2 1.8
43 12.7 8.4 12.6#

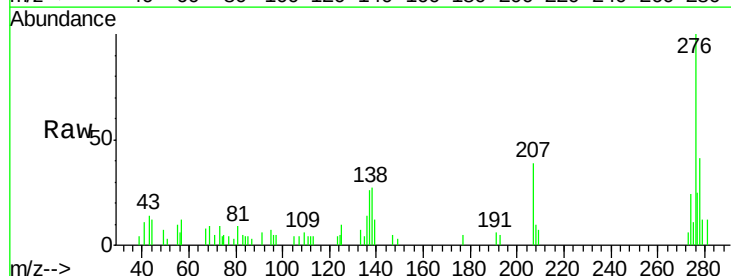


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

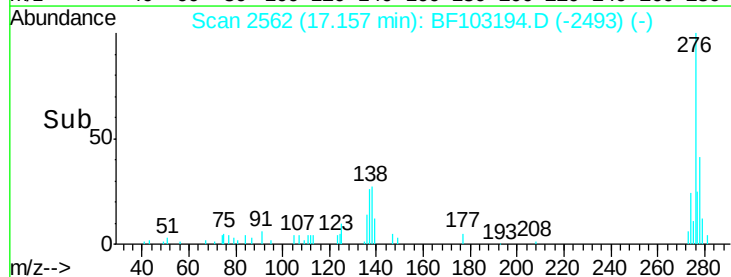
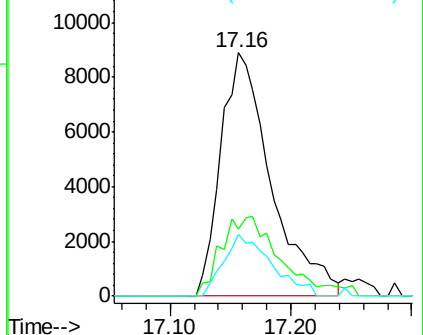


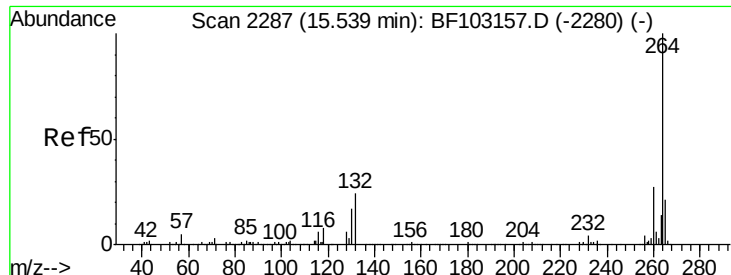
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.078 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.11 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:276 Resp: 25829
Ion Ratio Lower Upper
276 100
138 38.7 25.0 37.6#
277 23.6 20.1 30.1



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

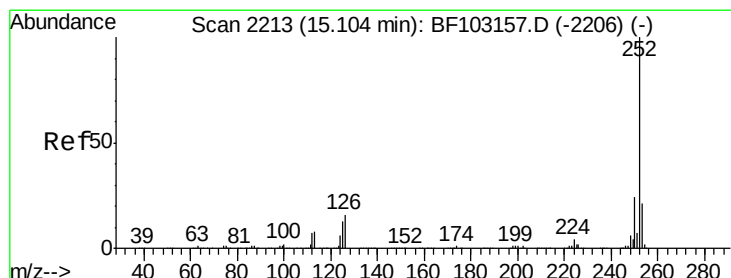
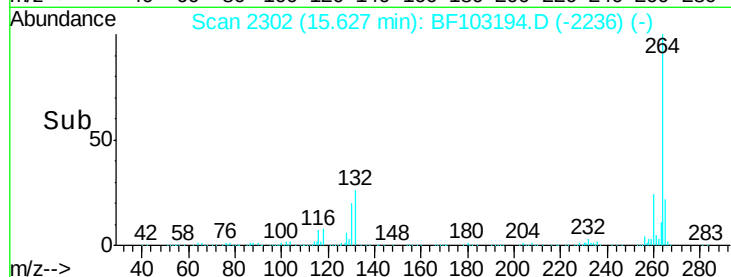
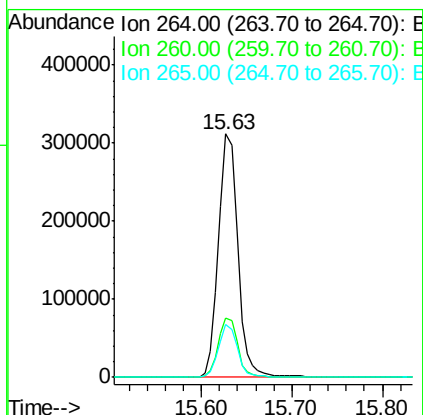
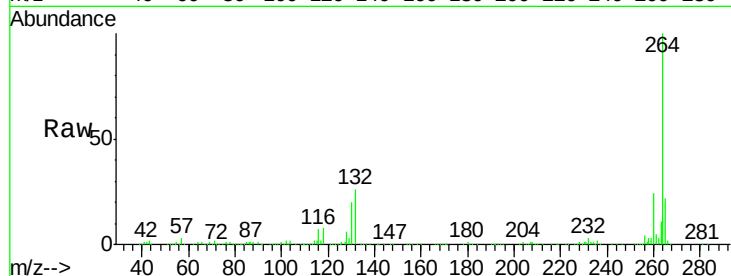




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.09 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

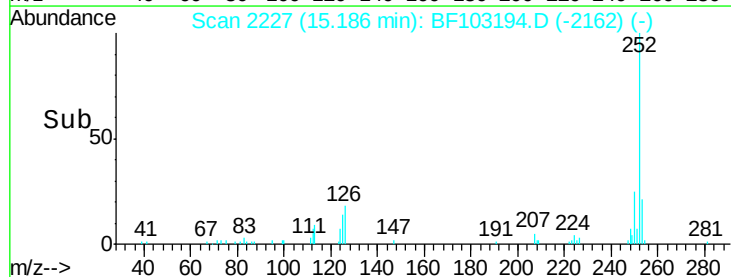
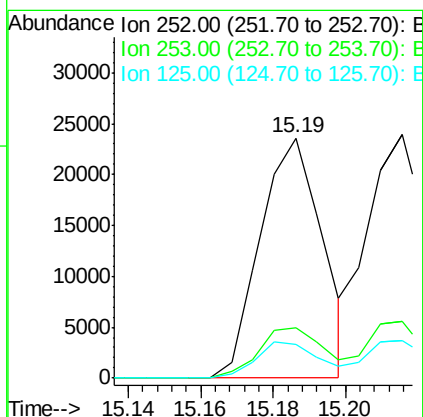
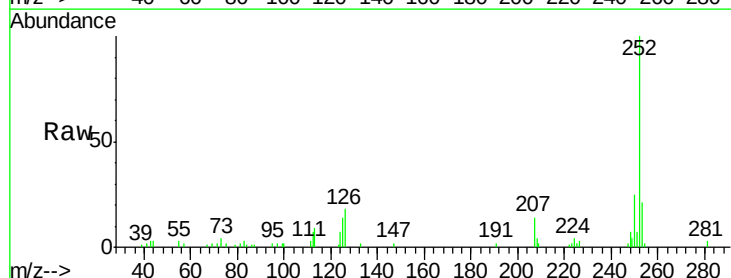
Instrument :
BNA_F
ClientSampleId :

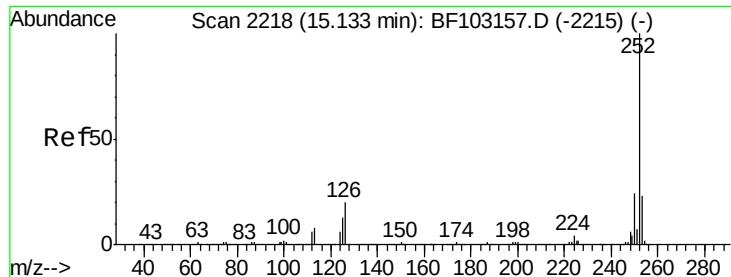
Tot Ion:264 Resp: 464650
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.9 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 0.922 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.08 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:252 Resp: 28153
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 13.9 9.0 13.6#

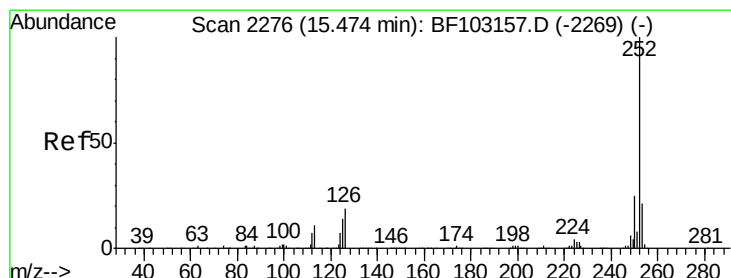
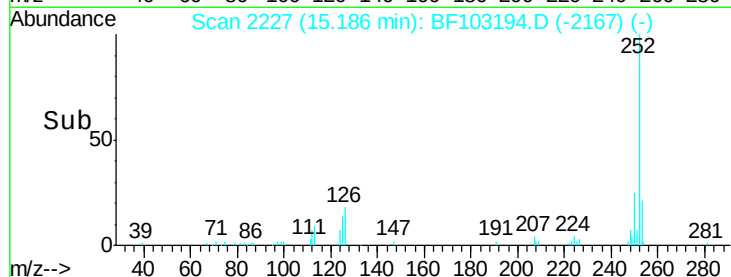
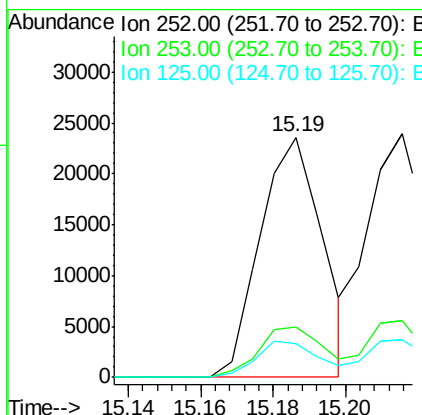
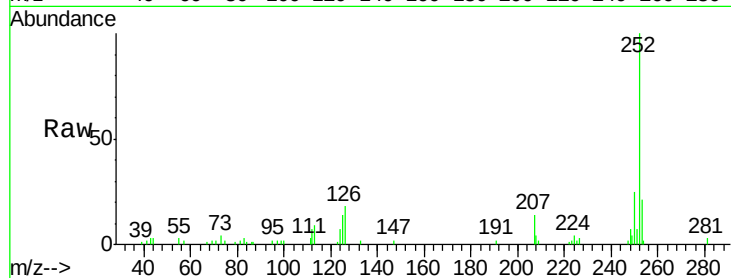




#88
Benzo(k)fluoranthene
Concen: 0.979 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.05 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

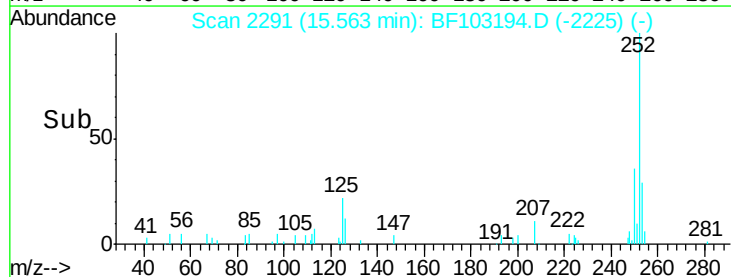
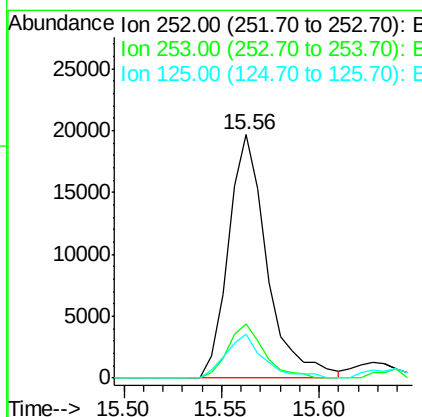
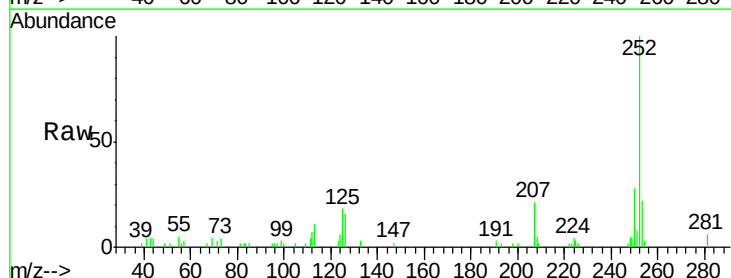
Instrument :
BNA_F
ClientSampleId :

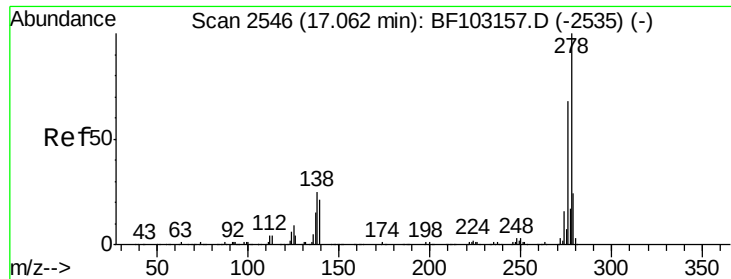
Tot Ion:252 Resp: 28153
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 13.9 10.2 15.2



#89
Benzo(a)pyrene
Concen: 0.988 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.09 min
Lab File: BF103194.D
Acq: 23 Feb 2018 12:52

Tgt Ion:252 Resp: 26941
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 18.2 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 1.015 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.11 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

Instrument :

BNA_F

ClientSampleId :

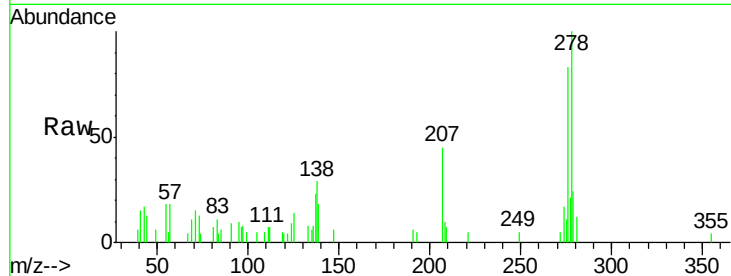
Tot Ion:278 Resp: 21396

Ion Ratio Lower Upper

278 100

139 18.0 15.9 23.9

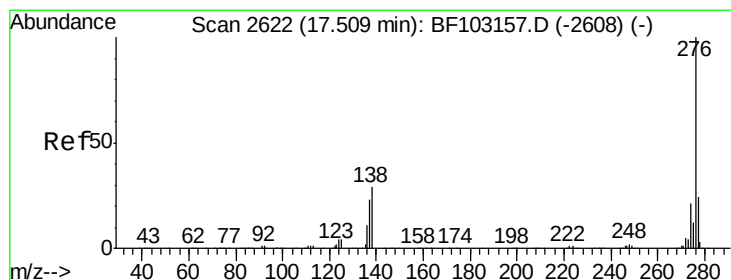
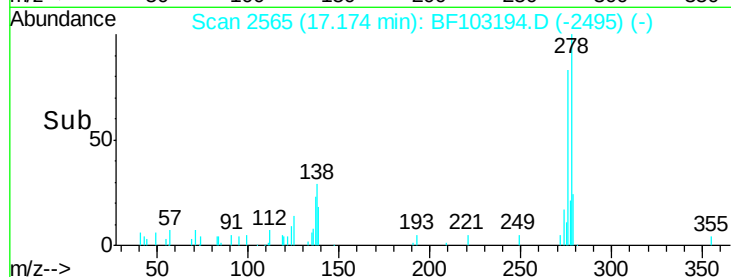
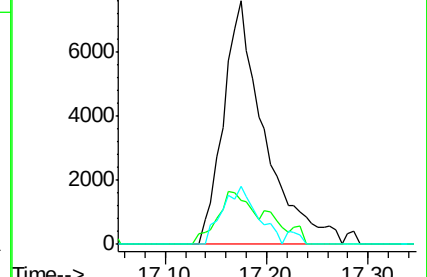
279 23.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 1.079 ng

RT: 17.62 min Scan# 2641

Delta R.T. 0.11 min

Lab File: BF103194.D

Acq: 23 Feb 2018 12:52

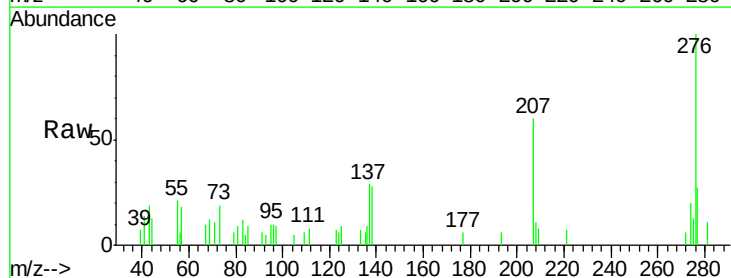
Tgt Ion:276 Resp: 22240

Ion Ratio Lower Upper

276 100

277 27.4 17.9 26.9#

138 28.4 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

