

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103970.D
 Acq On : 27 Mar 2018 15:25
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 03:49:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130499	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	542491	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	255356	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	466694	20.00	ng	0.00
75) Chrysene-d12	14.16	240	358900	20.00	ng	0.00
86) Perylene-d12	15.70	264	322948	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	703933	82.04	ng	0.01
7) Phenol-d6	6.61	99	849214	80.90	ng	0.01
23) Nitrobenzene-d5	7.54	82	757046	97.32	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	240463	109.52	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1333587	83.31	ng	0.00
78) Terphenyl-d14	13.09	244	1287895	83.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	157688	37.325	ng	# 89
3) Pyridine	3.62	79	420779	36.211	ng	85
4) n-Nitrosodimethylamine	3.59	42	129165	30.147	ng	# 72
6) Aniline	6.65	93	578282	38.581	ng	100
8) 2-Chlorophenol	6.76	128	377454	41.996	ng	94
9) Benzaldehyde	6.53	77	228160	33.086	ng	97
10) Phenol	6.62	94	482620	43.269	ng	98
11) bis(2-Chloroethyl)ether	6.71	93	355170	38.572	ng	92
12) 1,3-Dichlorobenzene	6.91	146	427015	41.714	ng	100
13) 1,4-Dichlorobenzene	6.99	146	436413	42.426	ng	99
14) 1,2-Dichlorobenzene	7.15	146	397706	41.665	ng	98
15) Benzyl Alcohol	7.12	79	309456	38.049	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	454306	34.689	ng	81
17) 2-Methylphenol	7.22	107	322249	40.262	ng	97
18) Hexachloroethane	7.48	117	153623	42.457	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	252011	37.462	ng	94
20) 3+4-Methylphenols	7.38	107	388707	38.268	ng	# 66
22) Acetophenone	7.39	105	524232	37.600	ng	96
24) Nitrobenzene	7.56	77	396864	43.455	ng	97
25) Isophorone	7.79	82	694140	38.545	ng	100
26) 2-Nitrophenol	7.87	139	211458	58.326	ng	95
27) 2,4-Dimethylphenol	7.90	122	300795	38.989	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	434703	39.864	ng	100
29) 2,4-Dichlorophenol	8.12	162	311948	44.444	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	349040	42.876	ng	98
31) Naphthalene	8.28	128	1115406	40.703	ng	100
32) Benzoic acid	8.04	122	237863	44.584	ng	98
33) 4-Chloroaniline	8.33	127	477033	41.493	ng	97
34) Hexachlorobutadiene	8.39	225	192557	43.142	ng	98
35) Caprolactam	8.71	113	106141	43.917	ng	# 79
36) 4-Chloro-3-methylphenol	8.81	107	329758	42.617	ng	96
37) 2-Methylnaphthalene	8.97	142	719755	41.417	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	317093	43.527	ng	99
40) Hexachlorocyclopentadiene	9.12	237	147908	39.347	ng	98

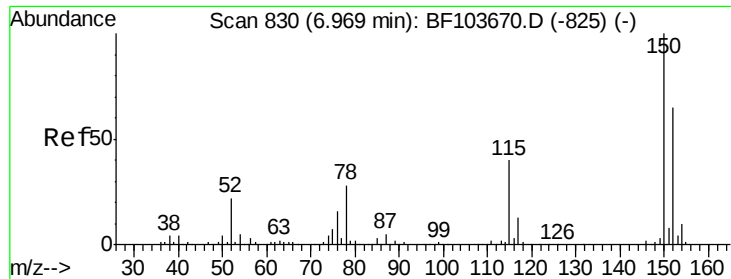
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103970.D
 Acq On : 27 Mar 2018 15:25
 Operator : JU/SJ
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Quant Time: Mar 28 03:49:43 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	220126	47.240	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	250716	47.671	ng	93
45) 1,1'-Biphenyl	9.43	154	883406	41.488	ng	98
46) 2-Chloronaphthalene	9.46	162	705595	41.721	ng	98
47) 2-Nitroaniline	9.56	65	209981	47.538	ng	91
48) Acenaphthylene	9.88	152	1082146	41.263	ng	100
49) Dimethylphthalate	9.73	163	846292	43.439	ng	100
50) 2,6-Dinitrotoluene	9.80	165	188138	49.761	ng	94
51) Acenaphthene	10.05	154	627571	40.301	ng	100
52) 3-Nitroaniline	9.97	138	213572	47.341	ng	99
53) 2,4-Dinitrophenol	10.07	184	67623	66.643	ng	# 24
54) Dibenzofuran	10.22	168	919562	41.347	ng	99
55) 4-Nitrophenol	10.14	139	152948	45.186	ng	91
56) 2,4-Dinitrotoluene	10.20	165	246875	51.226	ng	91
57) Fluorene	10.56	166	737515	42.735	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	186465	50.036	ng	92
59) Diethylphthalate	10.43	149	808623	41.818	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	342915	43.478	ng	97
61) 4-Nitroaniline	10.60	138	214069	49.146	ng	93
62) Azobenzene	10.72	77	732906	37.280	ng	91
64) 4,6-Dinitro-2-methylphenol	10.62	198	125763	63.578	ng	# 76
65) n-Nitrosodiphenylamine	10.67	169	665738	41.909	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	210824	43.998	ng	# 88
67) Hexachlorobenzene	11.11	284	241161	44.096	ng	94
68) Atrazine	11.20	200	213280	43.402	ng	99
69) Pentachlorophenol	11.31	266	143121	45.519	ng	96
70) Phenanthrene	11.53	178	1037533	40.641	ng	99
71) Anthracene	11.59	178	1068761	41.219	ng	99
72) Carbazole	11.75	167	1032430	40.966	ng	100
73) Di-n-butylphthalate	12.05	149	1258136	41.606	ng	100
74) Fluoranthene	12.73	202	1082697	41.166	ng	97
76) Benzidine	12.85	184	665309	43.464	ng	98
77) Pyrene	12.96	202	1107468	42.017	ng	99
79) Butylbenzylphthalate	13.56	149	529686	45.359	ng	91
80) Benzo(a)anthracene	14.15	228	941965	41.463	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	304862	40.118	ng	98
82) Chrysene	14.19	228	905499	41.812	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	645125	38.671	ng	100
84) Di-n-octyl phthalate	14.74	149	1085232	44.715	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.29	276	796681	42.125	ng	96
87) Benzo(b)fluoranthene	15.24	252	851144	41.716	ng	98
88) Benzo(k)fluoranthene	15.27	252	816452	41.628	ng	99
89) Benzo(a)pyrene	15.64	252	767882	41.494	ng	99
90) Dibenzo(a,h)anthracene	17.30	278	664954	41.497	ng	99
91) Benzo(g,h,i)perylene	17.77	276	655806	42.069	ng	95

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

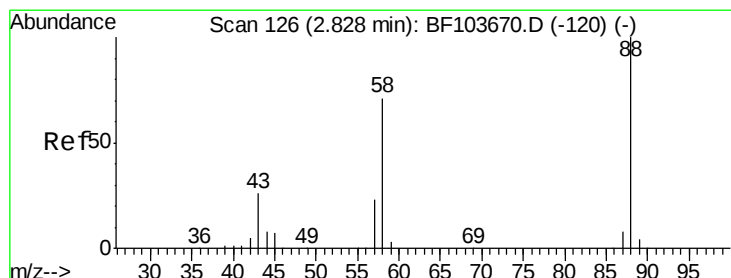
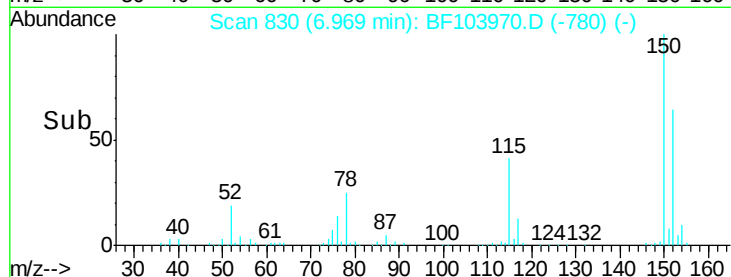
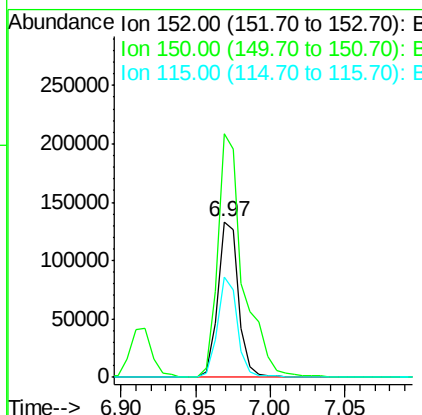
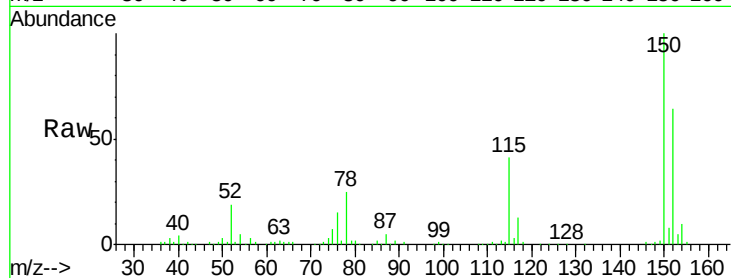


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Instrument :
BNA_F
ClientSampled :

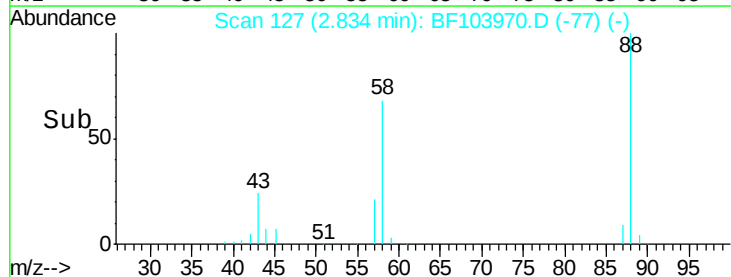
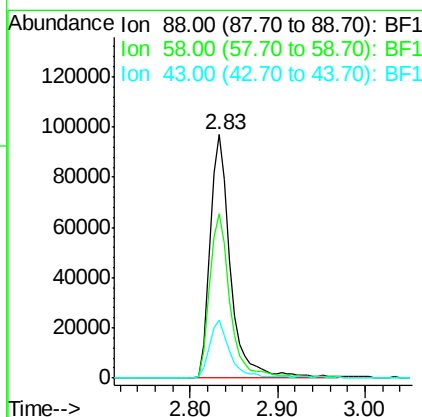
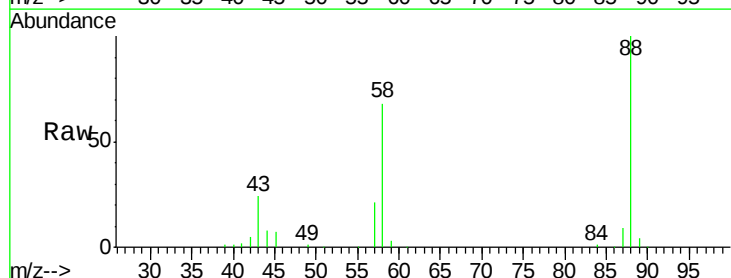
Tot Ion:152 Resp: 130499
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 64.4 50.1 75.1

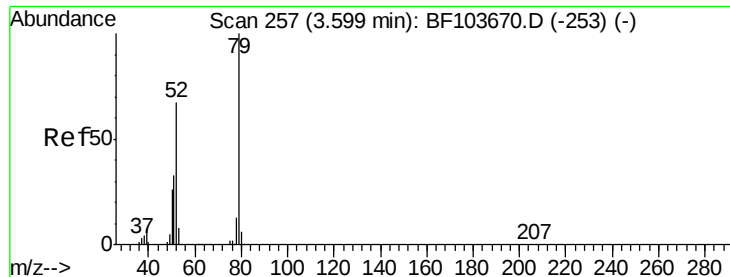


#2

1,4-Dioxane
Concen: 37.325 ng
RT: 2.83 min Scan# 127
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion: 88 Resp: 157688
Ion Ratio Lower Upper
88 100
58 68.3 62.6 93.8
43 24.5 24.6 37.0#





#3

Pvridine

Concen: 36.211 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

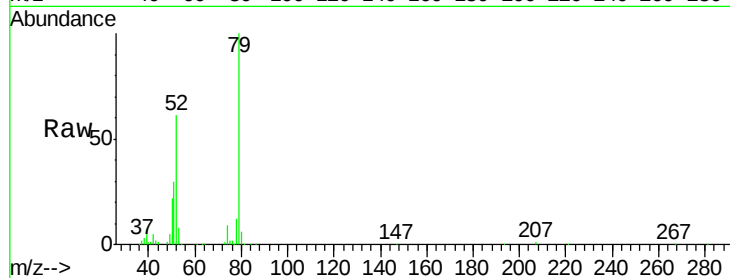
Tot Ion: 79 Resp: 420779

Ion Ratio Lower Upper

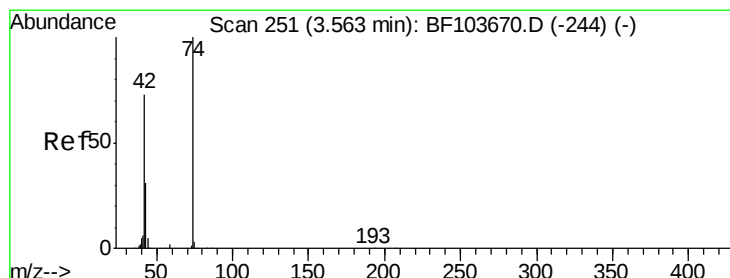
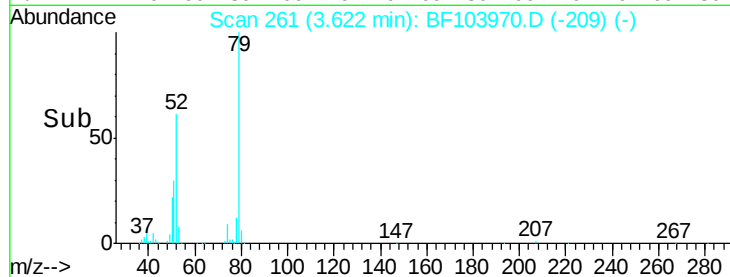
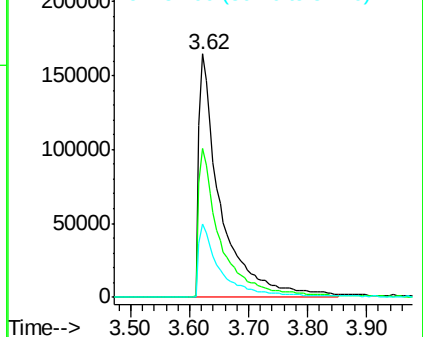
79 100

52 61.2 59.8 89.6

51 30.0 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 30.147 ng

RT: 3.59 min Scan# 256

Delta R.T. 0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

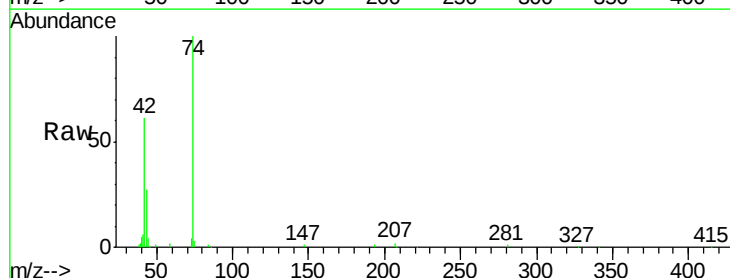
Tgt Ion: 42 Resp: 129165

Ion Ratio Lower Upper

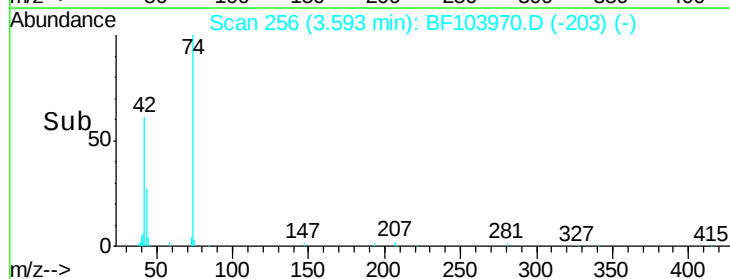
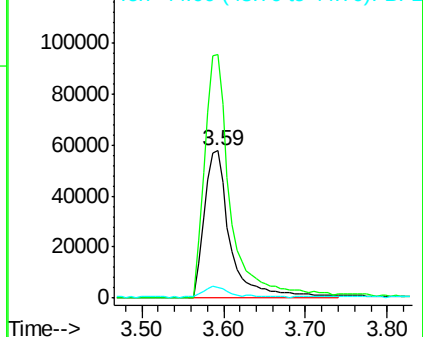
42 100

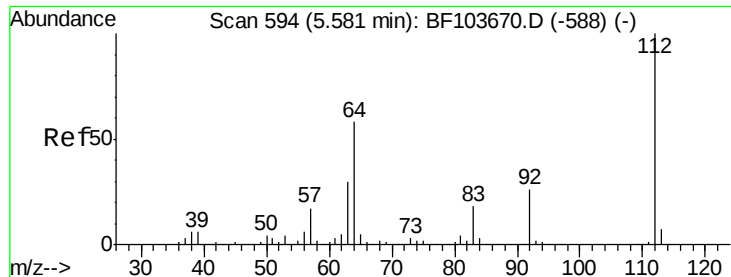
74 165.2 104.9 157.3#

44 7.3 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: 82.045 ng

RT: 5.60 min Scan# 598

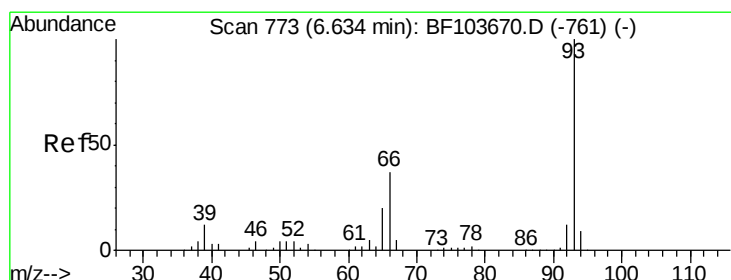
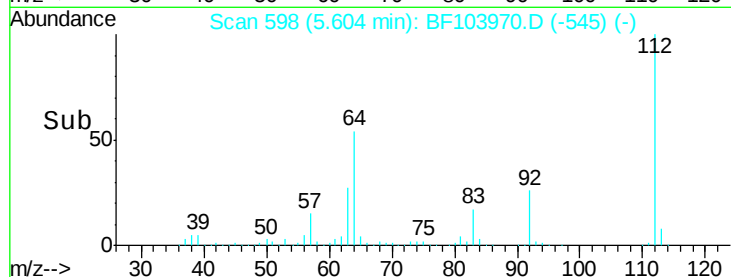
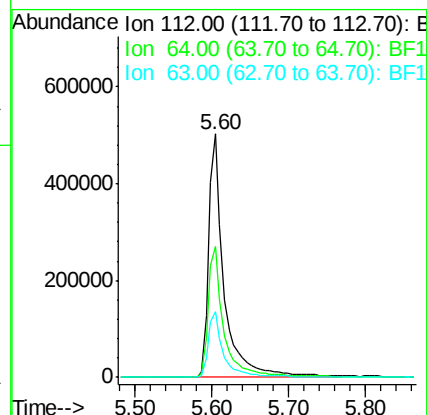
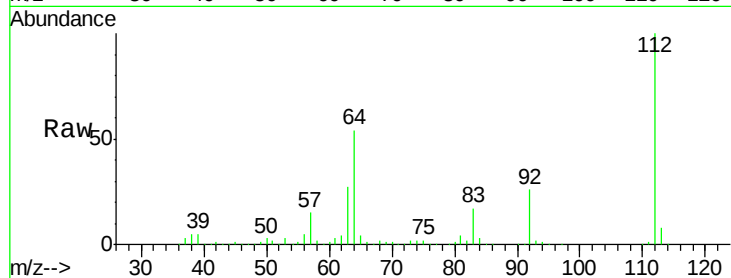
Delta R.T. 0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	703933
Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	26.9	23.7	35.5



#6

Aniline

Concen: 38.581 ng

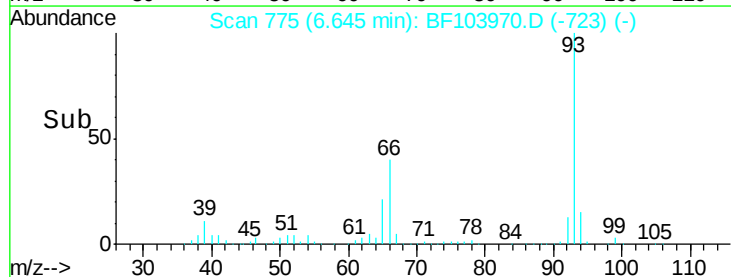
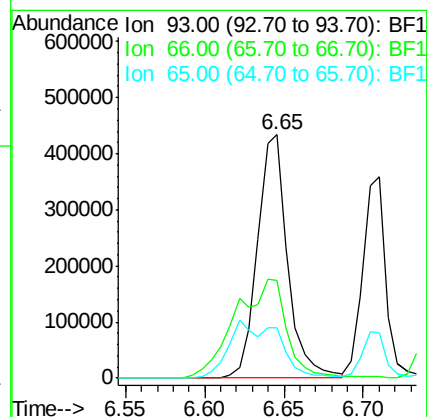
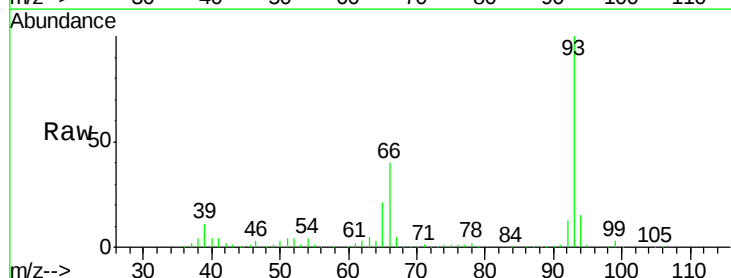
RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Tgt Ion:	93	Resp:	578282
Ion	Ratio	Lower	Upper
93	100		
66	39.9	32.2	48.2
65	20.6	16.4	24.6





#7

Phenol-d6

Concen: 80.902 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

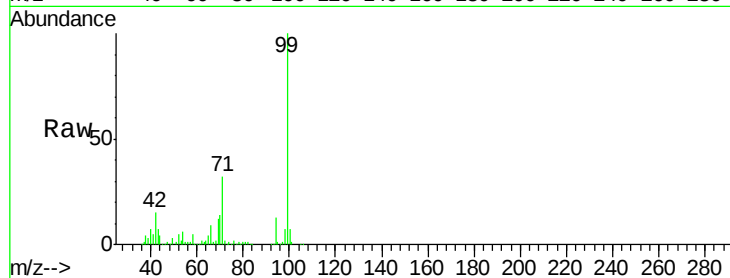
Tot Ion: 99 Resp: 849214

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

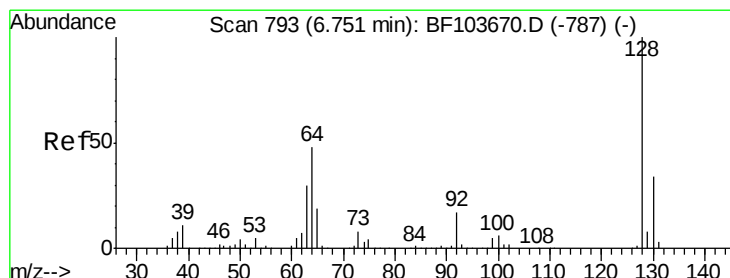
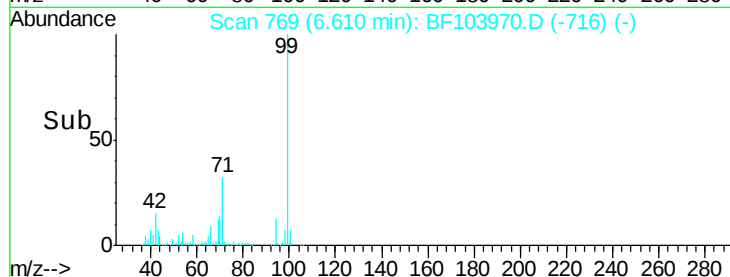
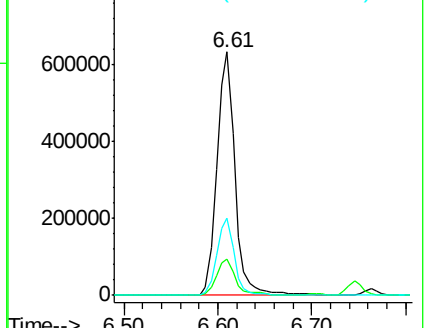
71 31.8 25.4 38.0



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: 41.996 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

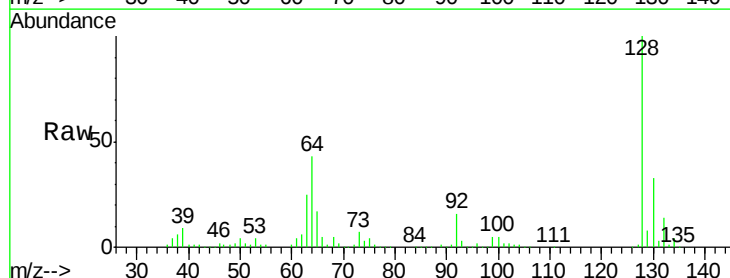
Tgt Ion: 128 Resp: 377454

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

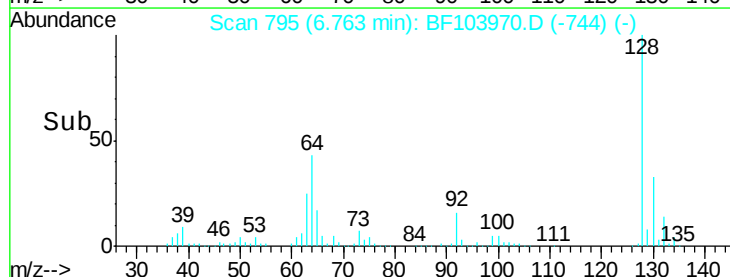
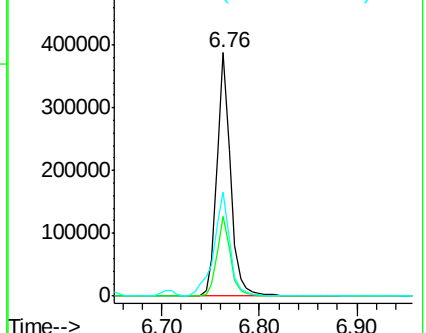
64 43.0 29.4 69.4

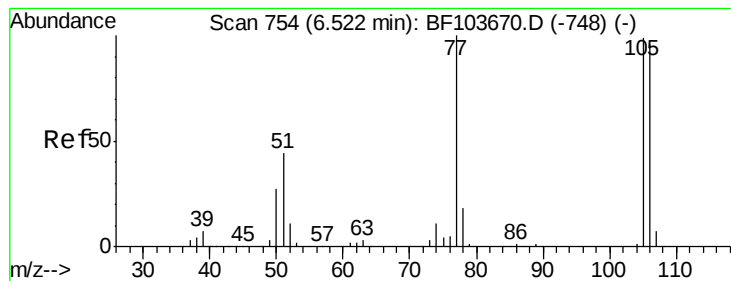


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.086 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

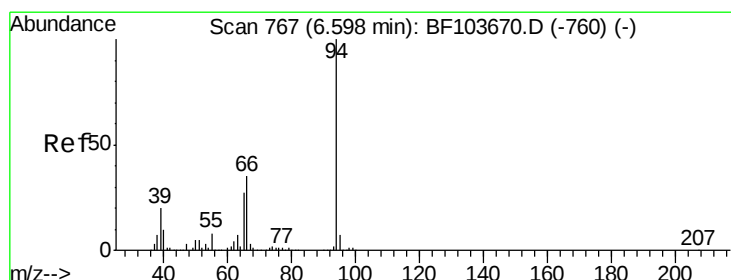
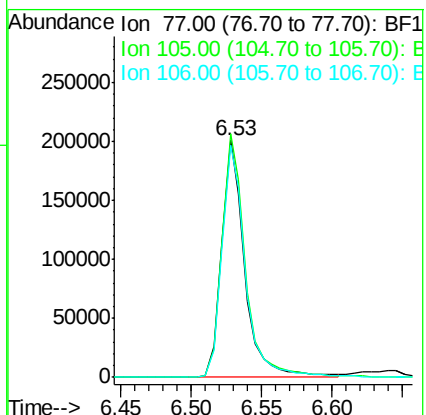
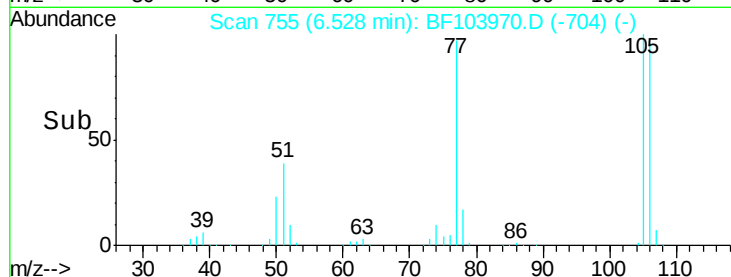
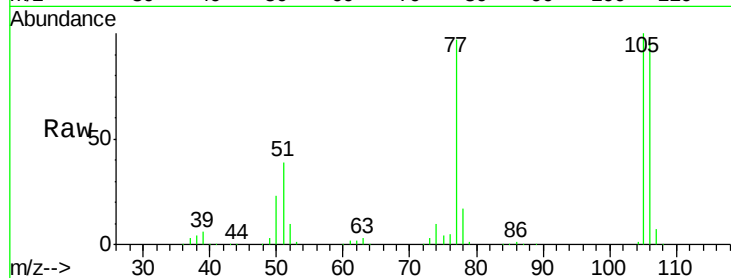
Tot Ion: 77 Resp: 228160

Ion Ratio Lower Upper

77 100

105 102.7 81.1 121.1

106 98.1 74.5 114.5



#10

Phenol

Concen: 43.269 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

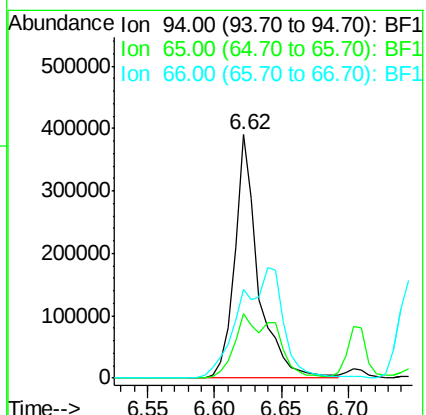
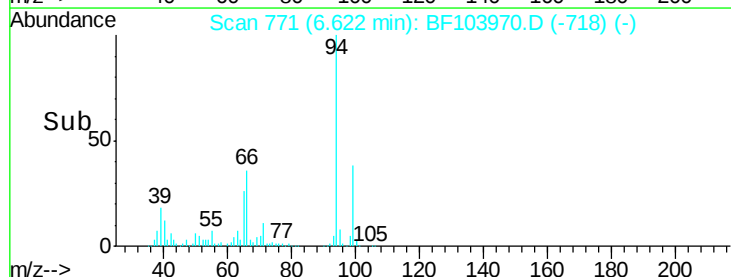
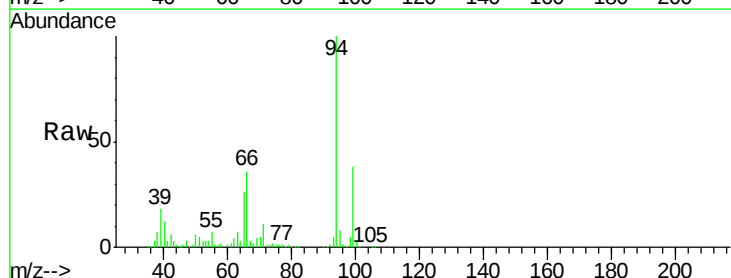
Tgt Ion: 94 Resp: 482620

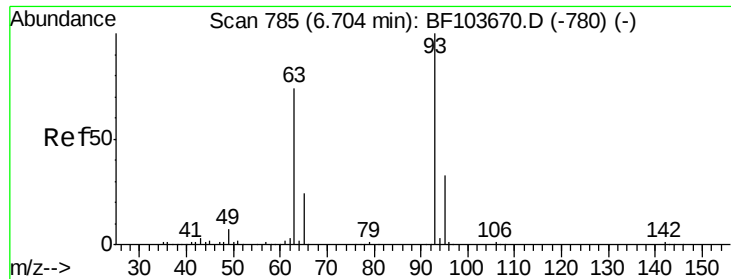
Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

66 36.5 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.572 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampled :

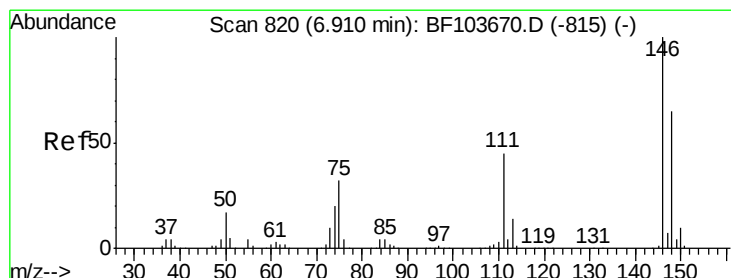
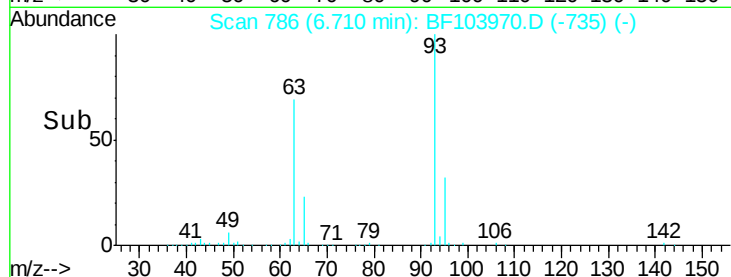
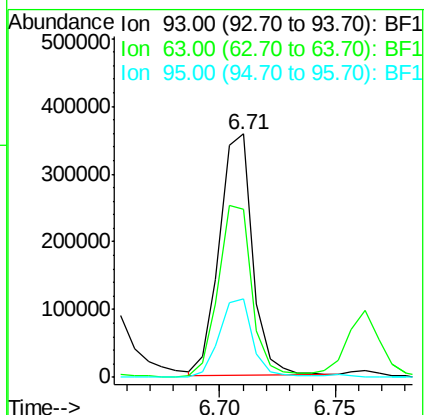
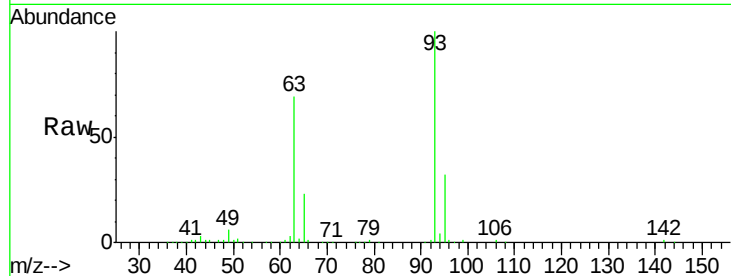
Tot Ion: 93 Resp: 355170

Ion Ratio Lower Upper

93 100

63 68.9 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 41.714 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

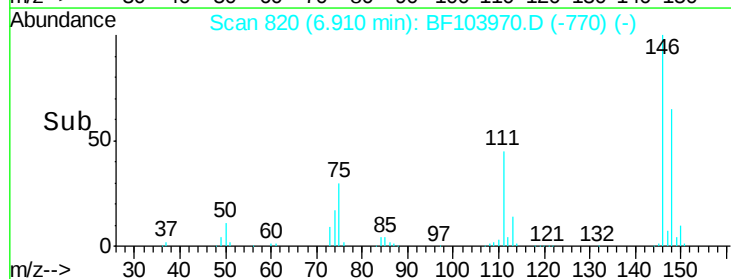
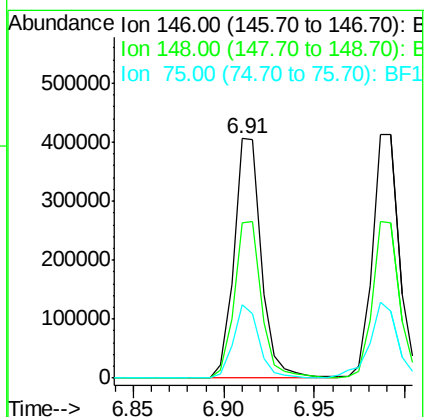
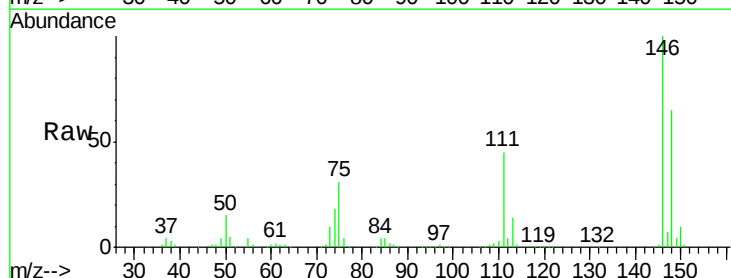
Tgt Ion: 146 Resp: 427015

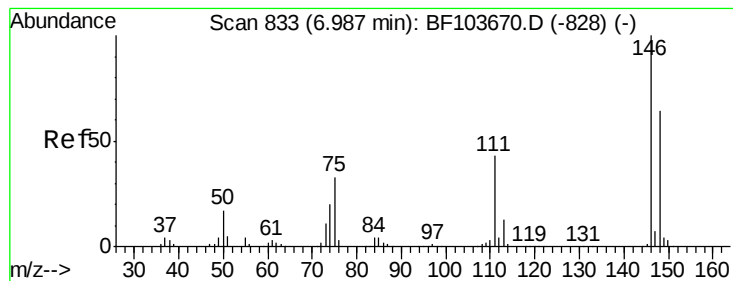
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

75 30.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 42.426 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampled :

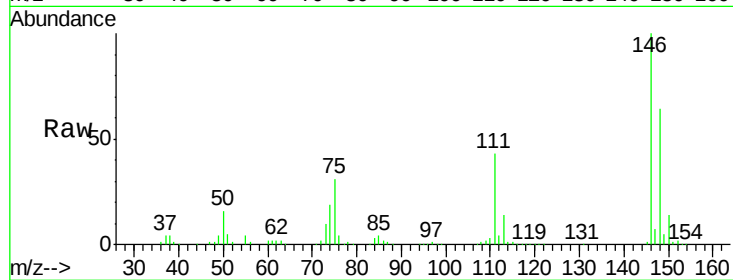
Tot Ion:146 Resp: 436413

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

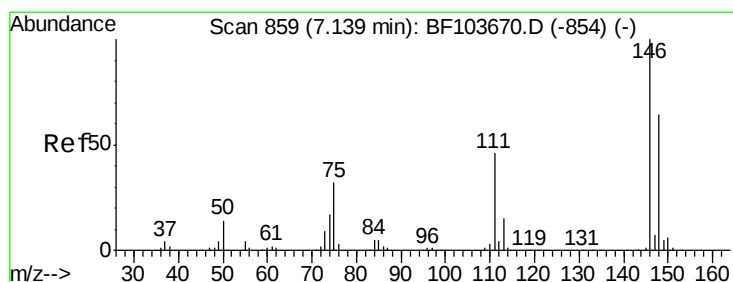
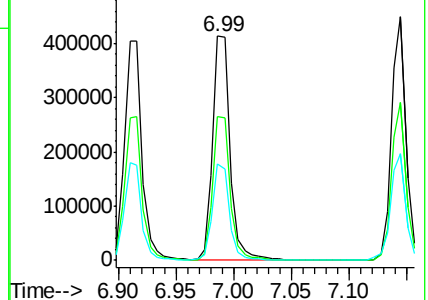
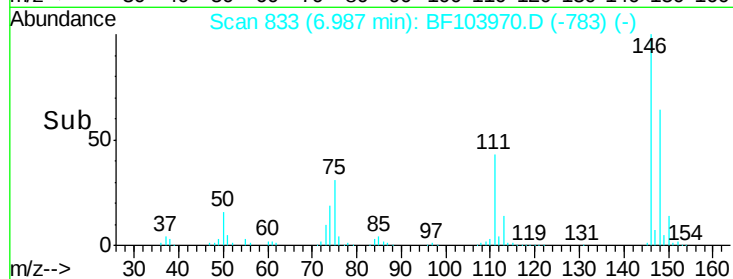
111 43.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.665 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

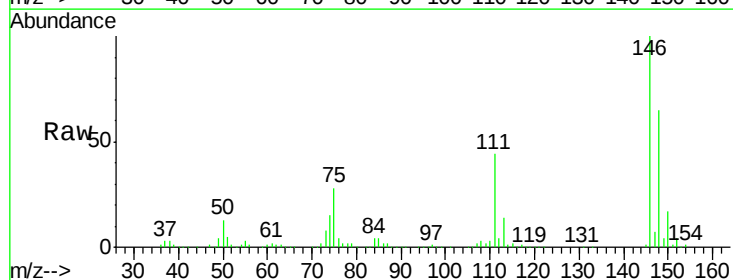
Tgt Ion:146 Resp: 397706

Ion Ratio Lower Upper

146 100

148 65.0 50.6 75.8

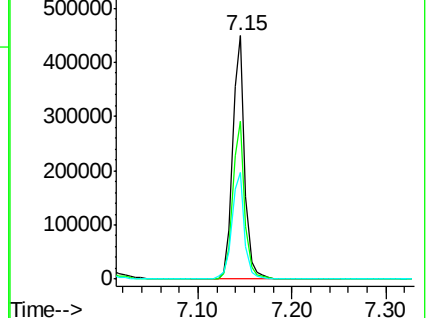
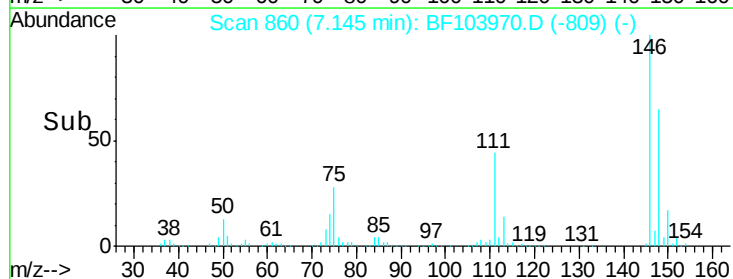
111 43.7 36.0 54.0

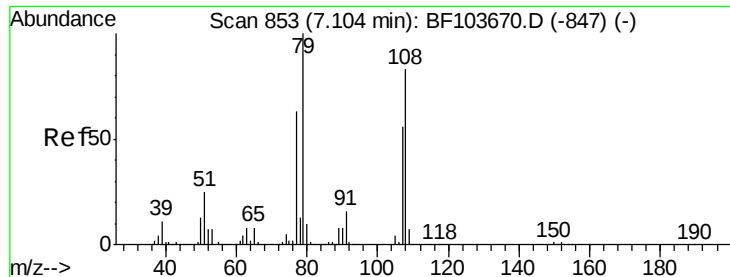


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

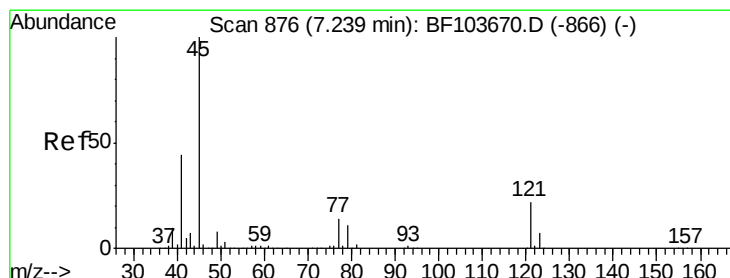
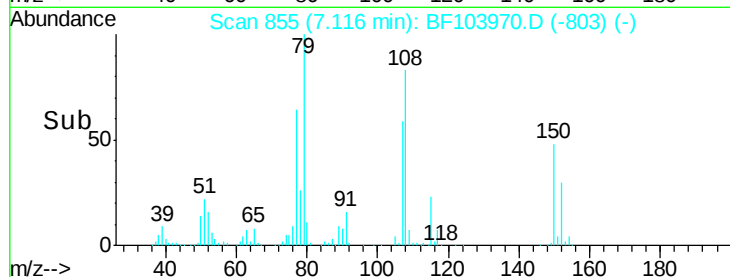
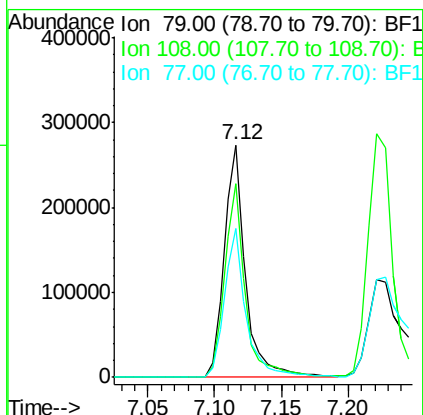
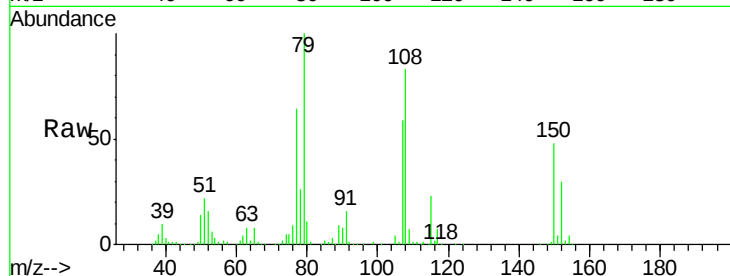




#15
Benzyl Alcohol
Concen: 38.049 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

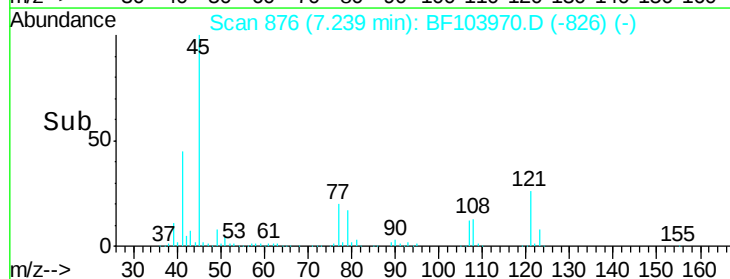
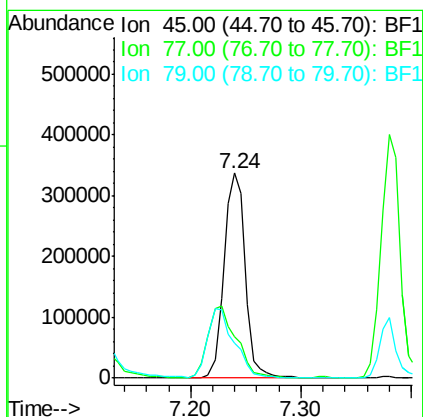
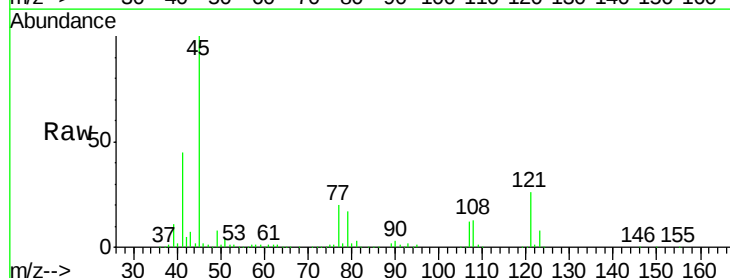
Instrument :
BNA_F
ClientSampleId :

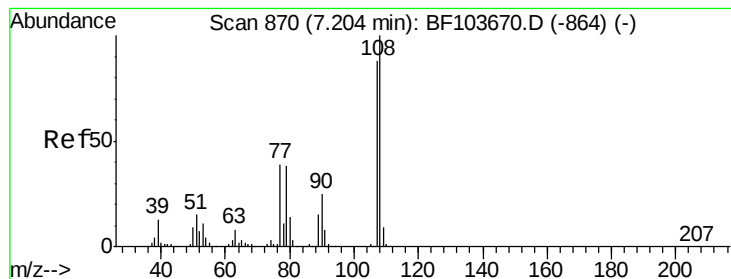
Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	83.1	65.1	97.7	
77	63.8	50.6	75.8	



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.689 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	20.4	0.0	32.9	
79	17.0	0.0	29.6	

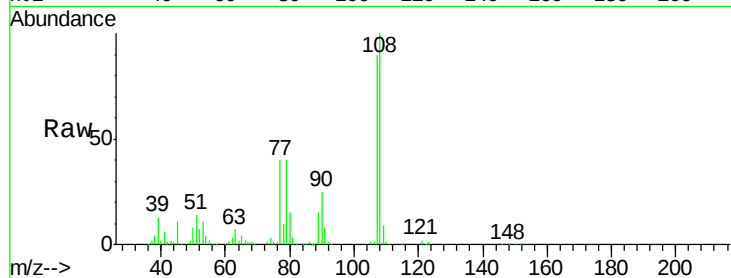




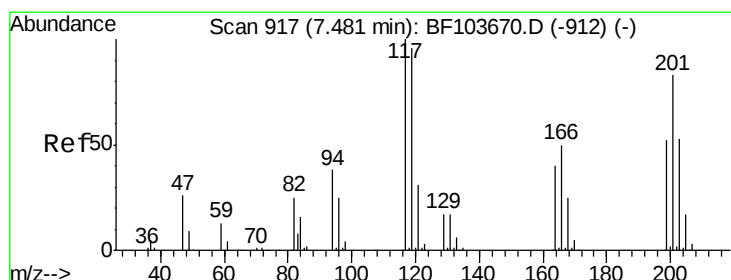
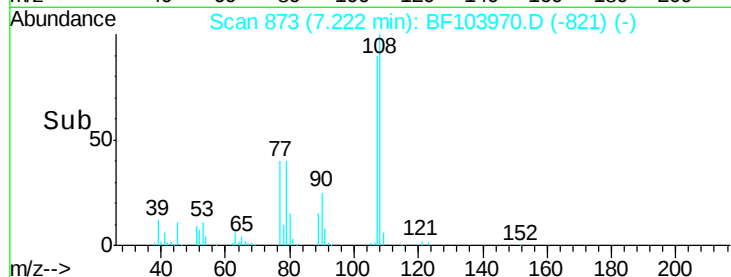
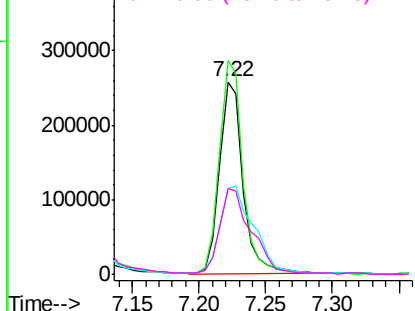
#17
2-Methylphenol
Concen: 40.262 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	322249
Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.7	137.5
77	44.7	33.8	50.8
79	44.5	33.8	50.8

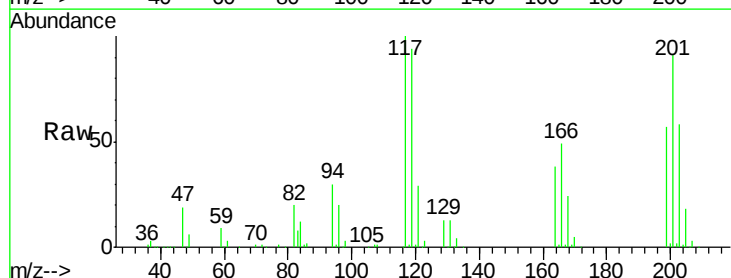


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

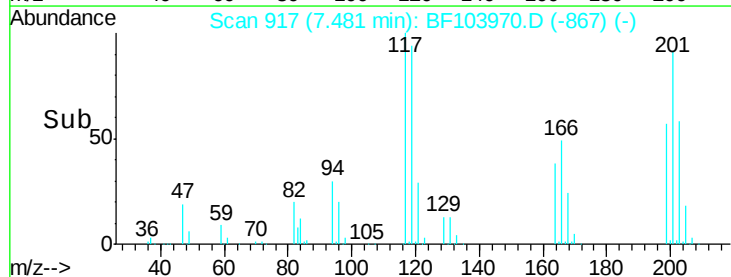
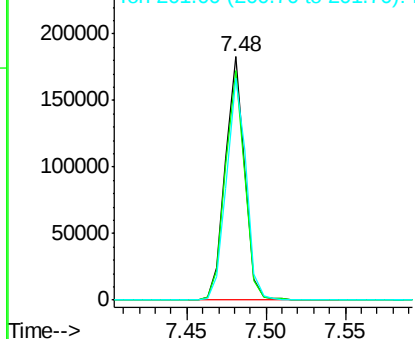


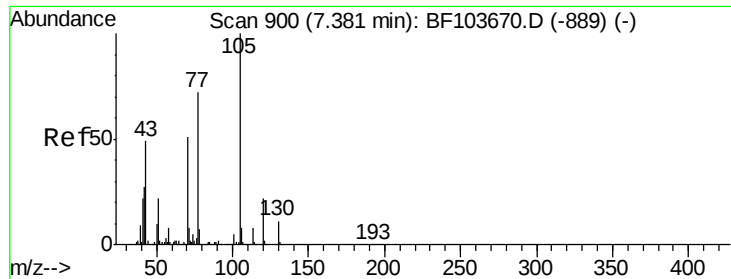
#18
Hexachloroethane
Concen: 42.457 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion:	117	Resp:	153623
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
201	91.0	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

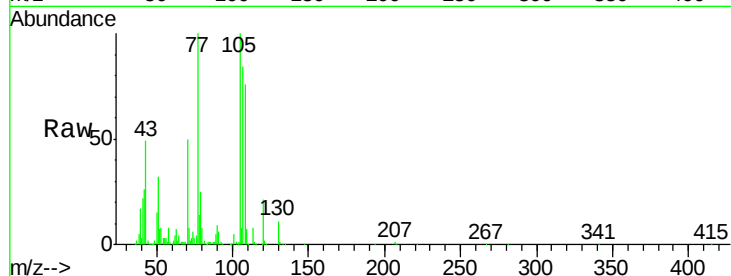




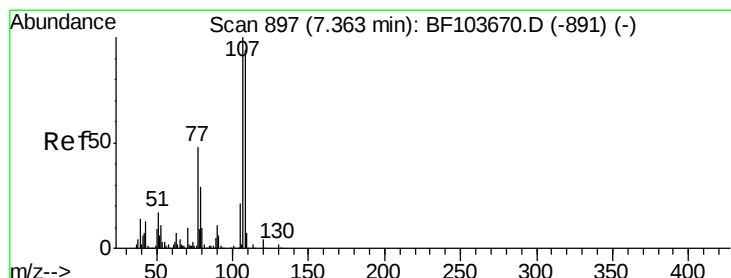
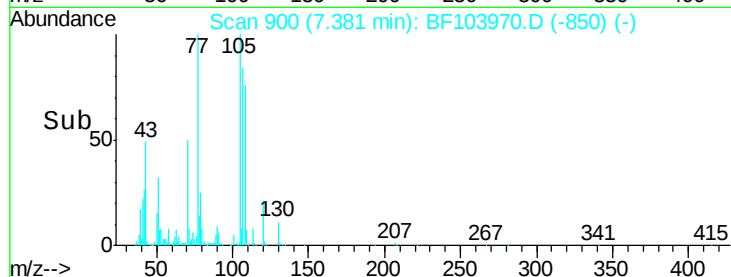
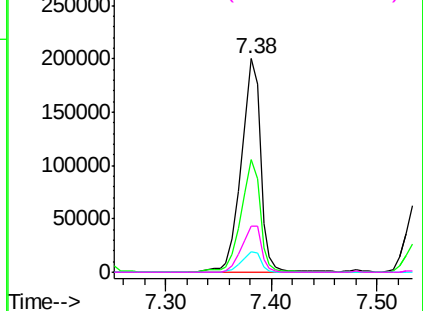
#19
n-Nitroso-di-n-propylamine
Concen: 37.462 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 252011
Ion Ratio Lower Upper
70 100
42 52.8 47.5 71.3
101 9.7 7.4 11.2
130 21.6 16.6 25.0



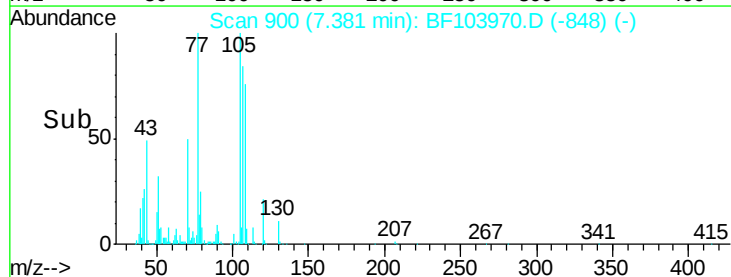
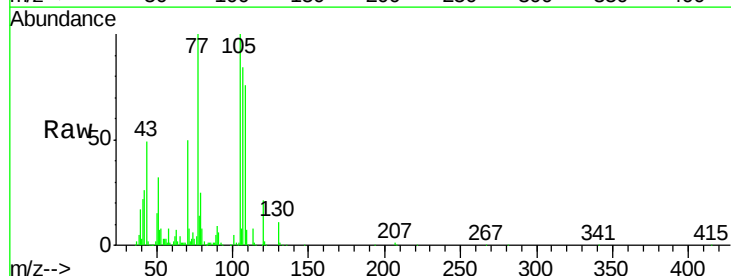
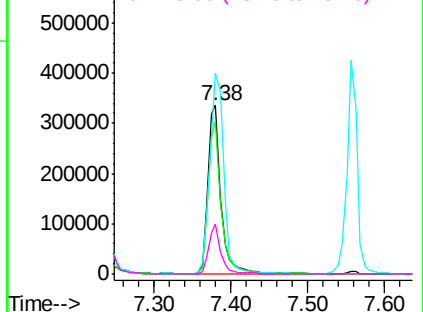
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

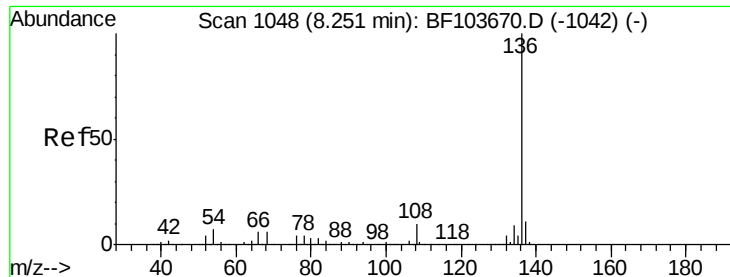


#20
3+4-Methylphenols
Concen: 38.268 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion:107 Resp: 388707
Ion Ratio Lower Upper
107 100
108 90.5 68.2 108.2
77 119.3 26.7 66.7#
79 29.7 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: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103970.D

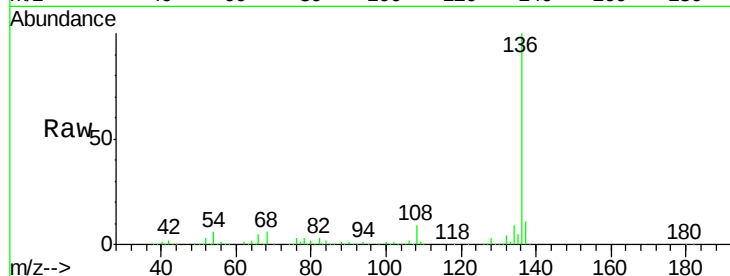
Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	542491
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.3	6.6 9.8#
68	5.6	5.0 7.4

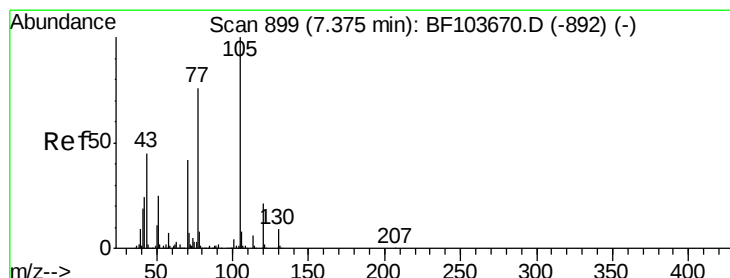
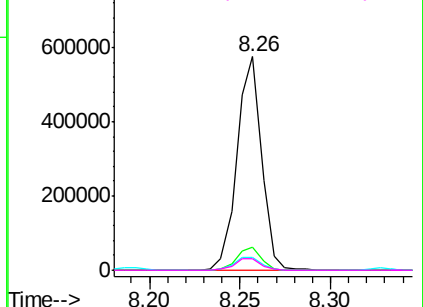
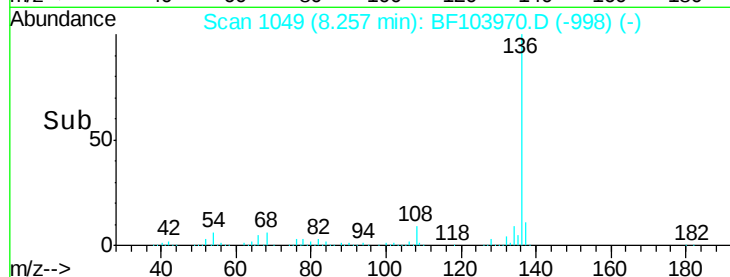


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.600 ng

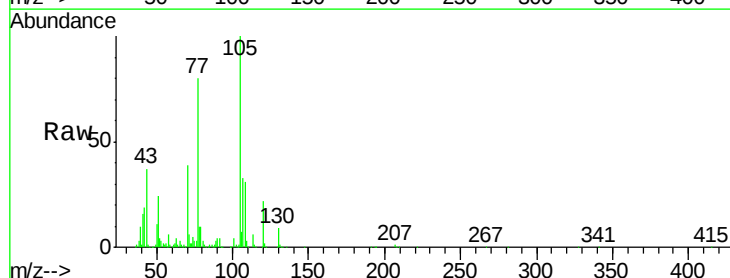
RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Tgt Ion:105	Resp:	524232
Ion Ratio	Lower	Upper
105	100	
71	6.3	4.4 6.6
51	24.2	22.3 33.5
120	21.8	16.9 25.3

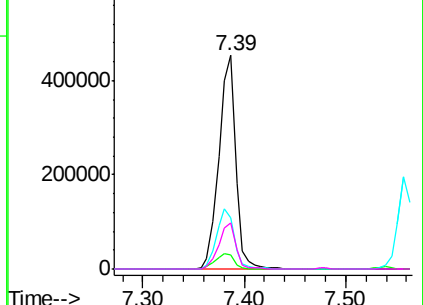
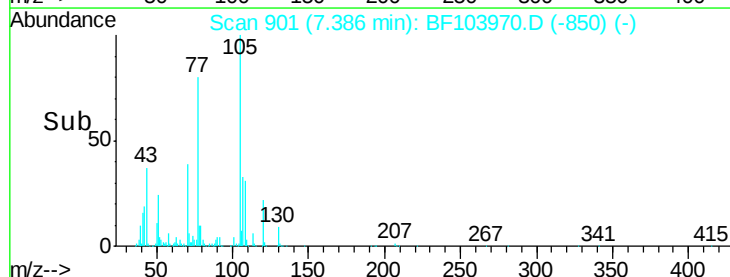


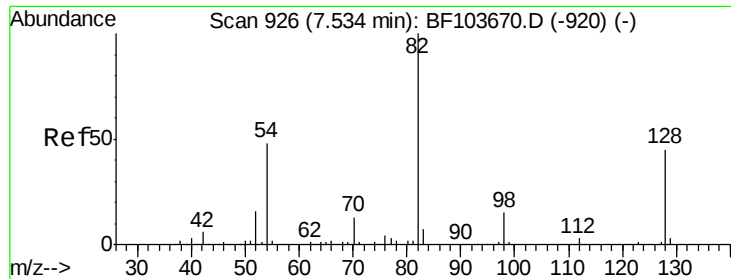
Abundance Ion 105.00 (104.70 to 105.70): E

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

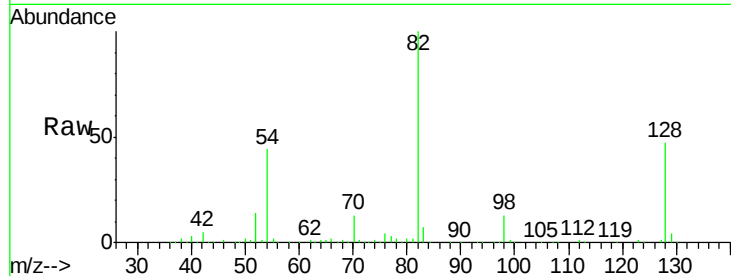




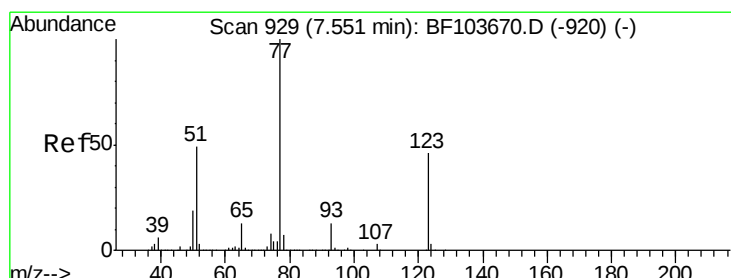
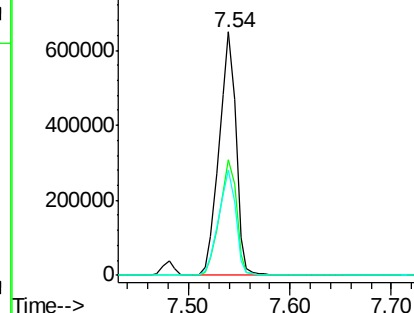
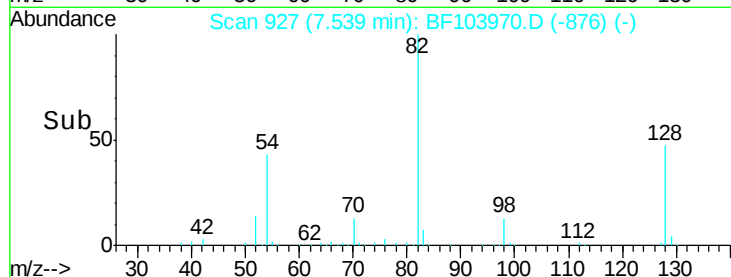
#23
 Nitrobenzene-d5
 Concen: 97.316 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	757046
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	47.2		
54	43.5		
	41.4		
	62.2		

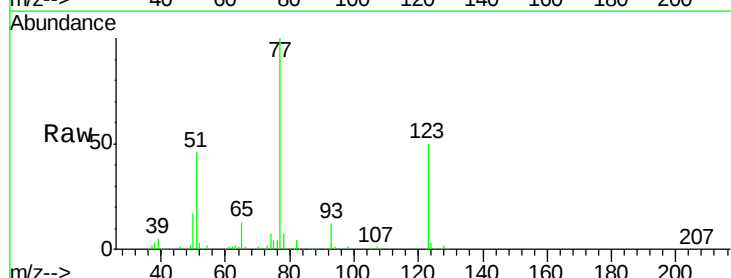


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

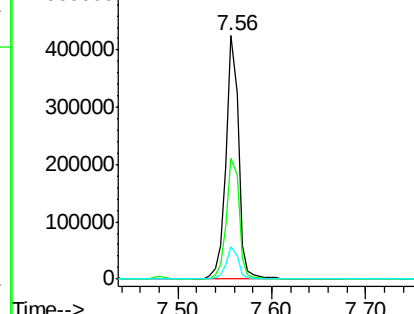
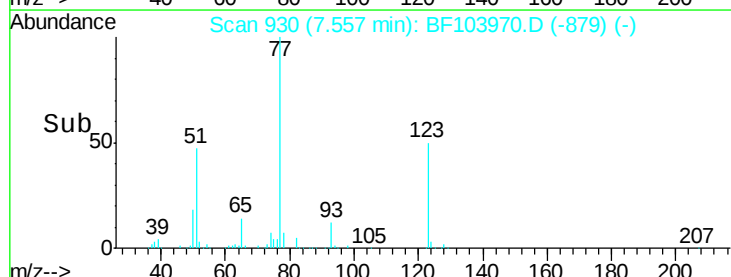


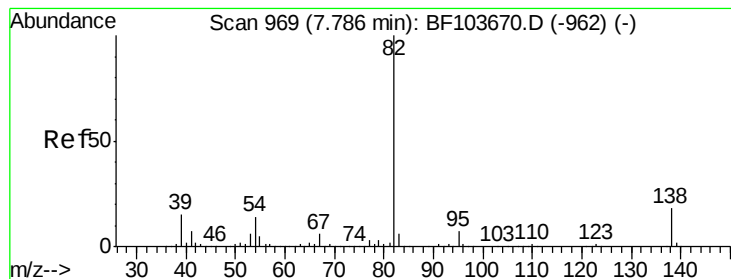
#24
 Nitrobenzene
 Concen: 43.455 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Tgt Ion	77	Resp	396864
Ion Ratio	100		
Lower	37.9		
Upper	56.9		
123	49.6		
65	13.3		
	11.0		
	16.4		



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





#25

Isophorone

Concen: 38.545 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

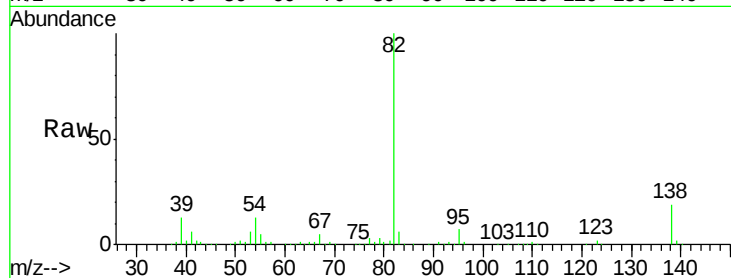
Tot Ion: 82 Resp: 694140

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

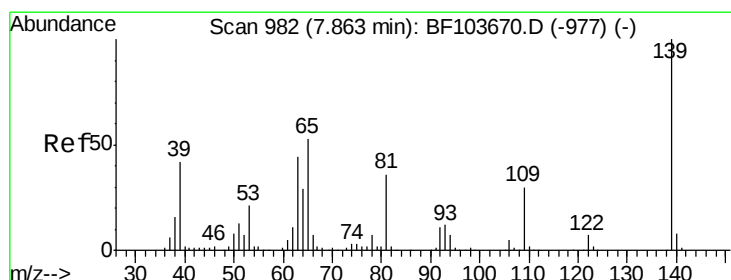
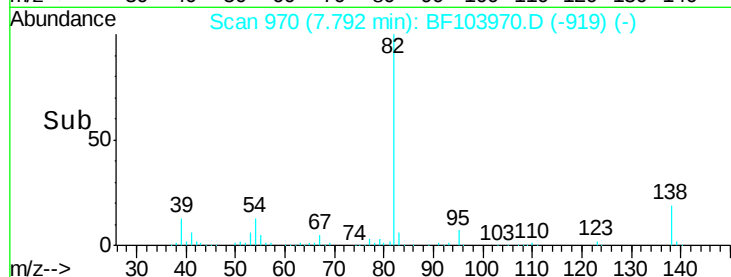
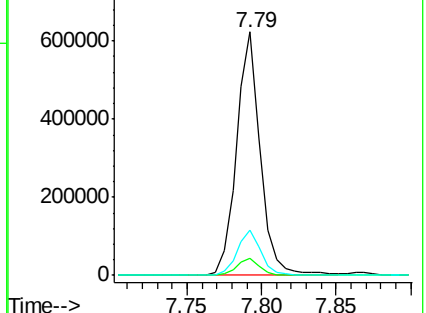
138 18.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 58.326 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

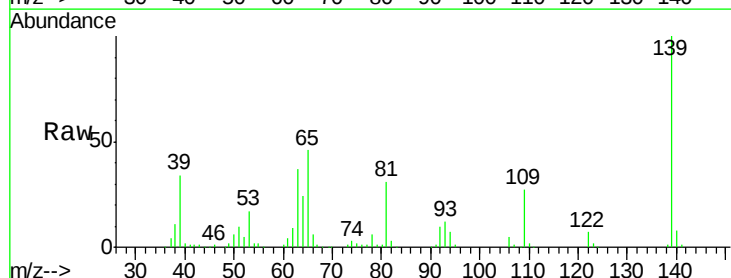
Tgt Ion: 139 Resp: 211458

Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

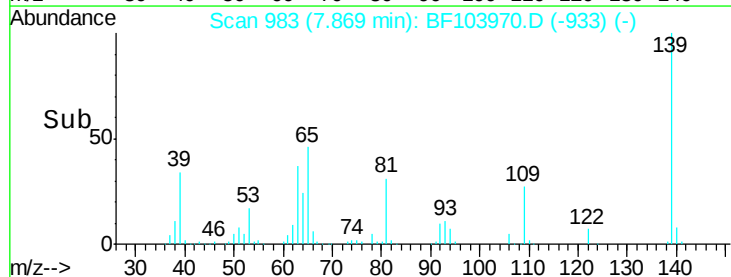
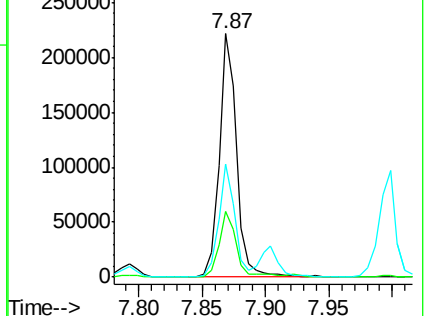
65 46.5 40.5 60.7

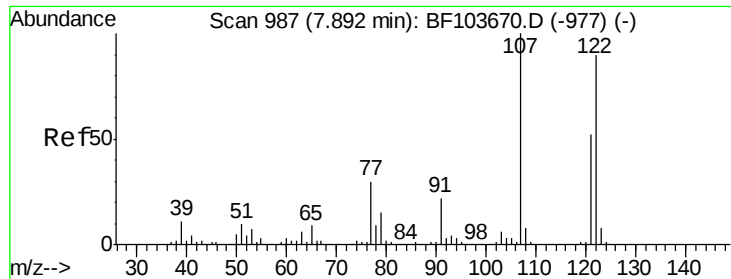


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.989 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampled :

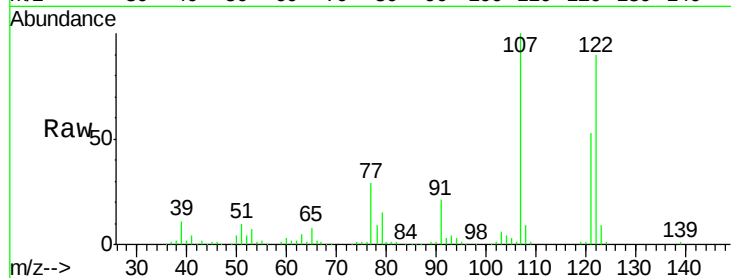
Tot Ion:122 Resp: 300795

Ion Ratio Lower Upper

122 100

107 111.6 91.2 136.8

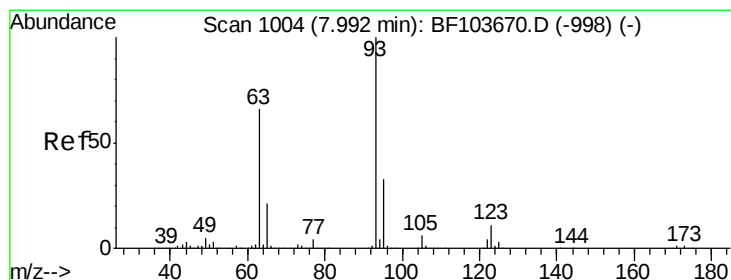
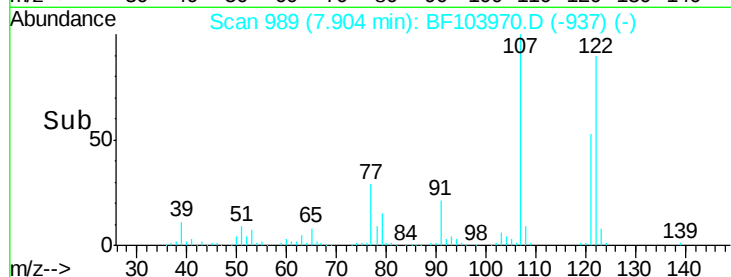
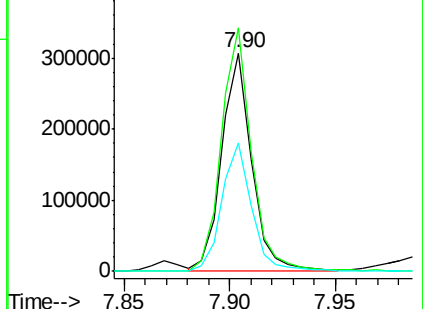
121 58.9 47.2 70.8



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: 39.864 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

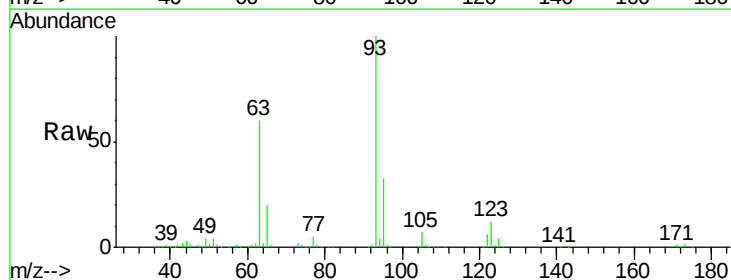
Tgt Ion: 93 Resp: 434703

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

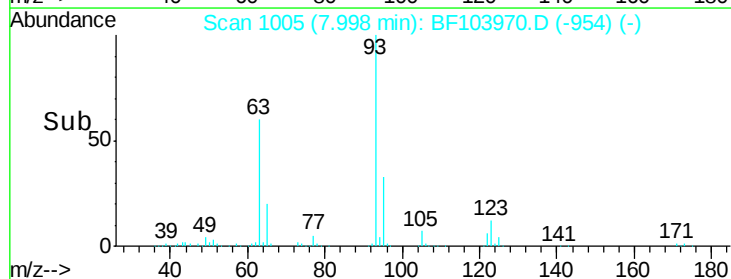
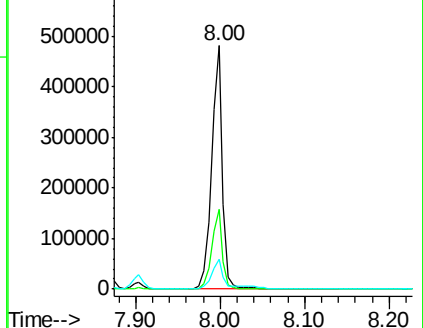
123 12.0 9.8 14.6

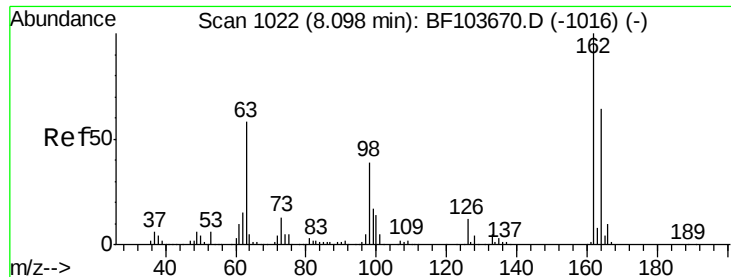


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

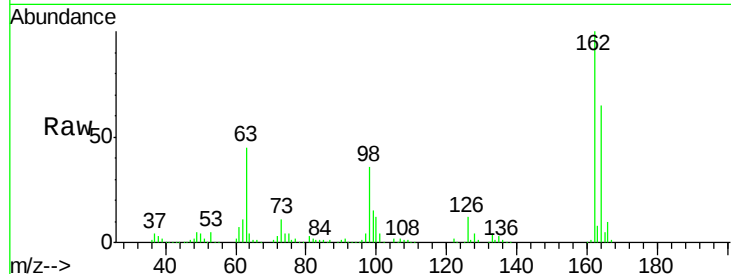




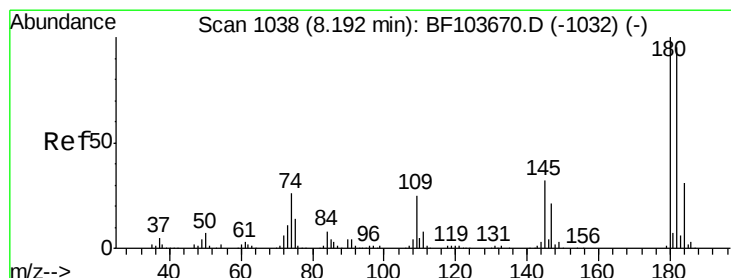
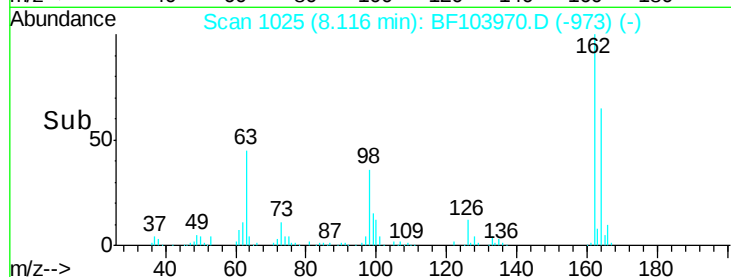
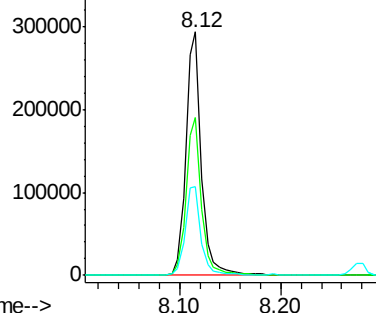
#29
2,4-Dichlorophenol
Concen: 44.444 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.7	82.7
98	36.3	18.1	58.1

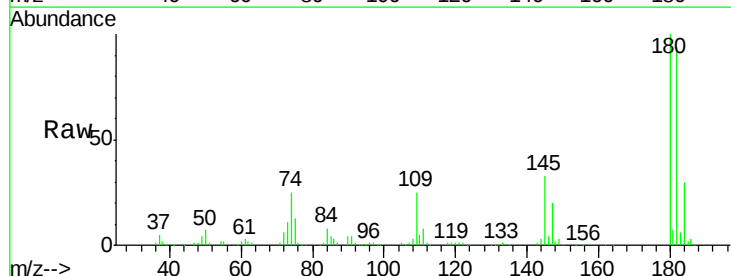


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

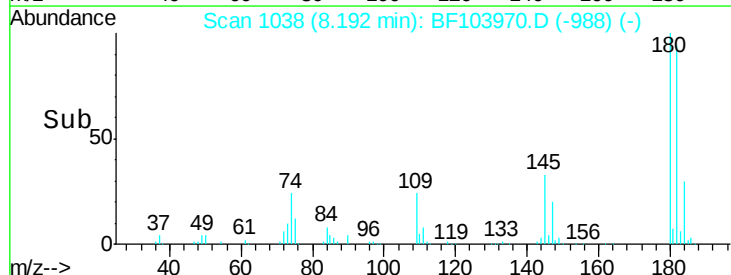
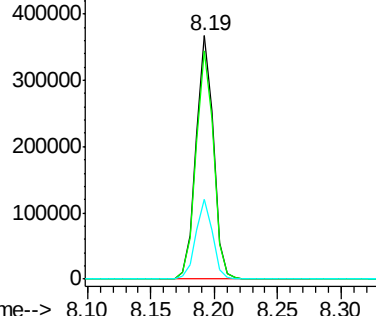


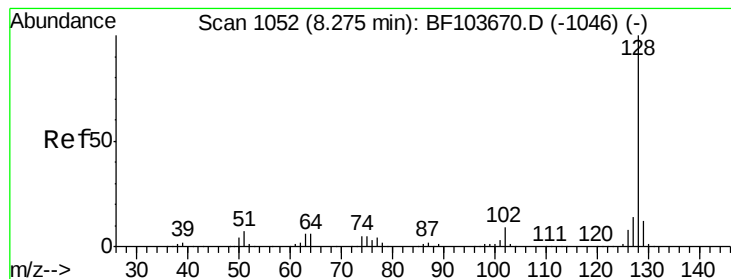
#30
1,2,4-Trichlorobenzene
Concen: 42.876 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.8	115.2
145	32.5	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: 40.703 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

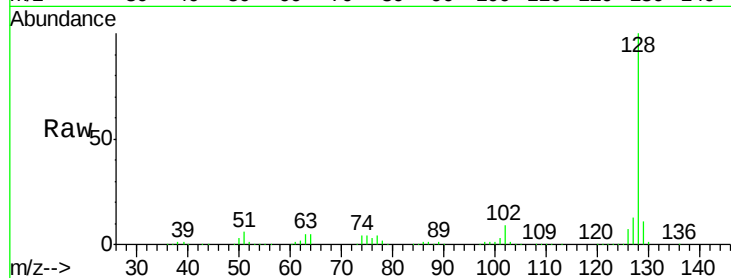
Tot Ion:128 Resp: 1115406

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

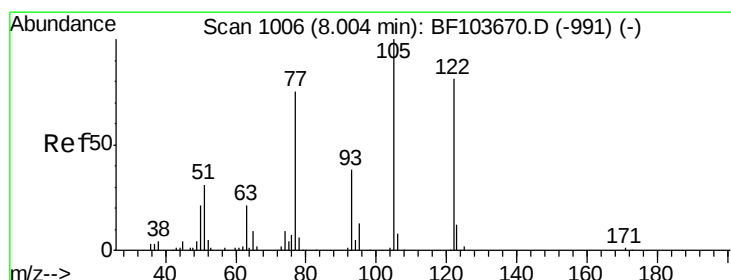
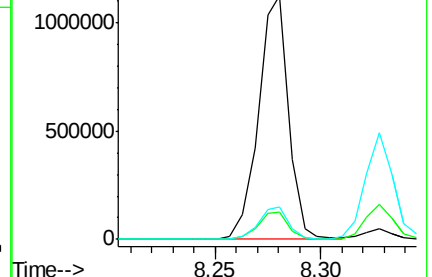
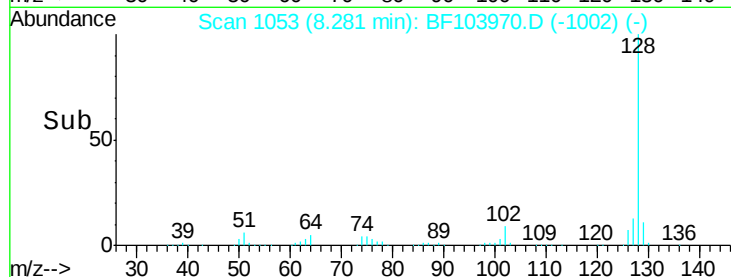
127 13.4 10.9 16.3



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: 44.584 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.02 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

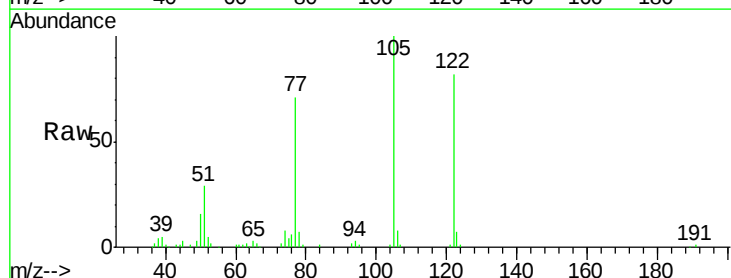
Tgt Ion:122 Resp: 237863

Ion Ratio Lower Upper

122 100

105 122.6 101.1 141.1

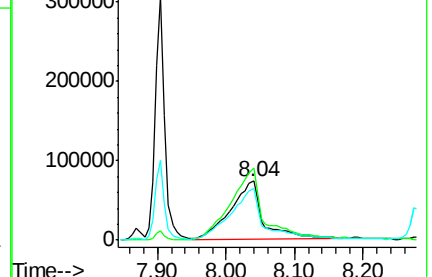
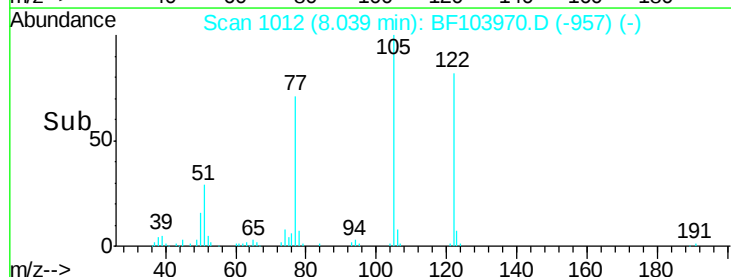
77 87.4 70.7 110.7



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

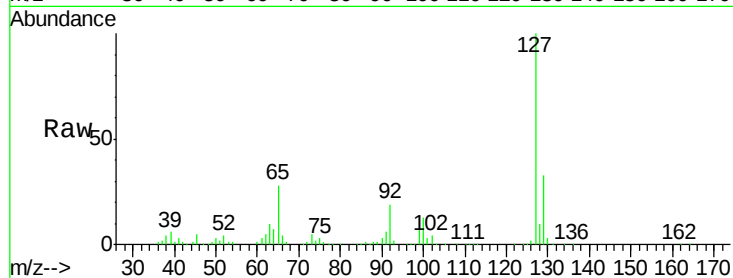




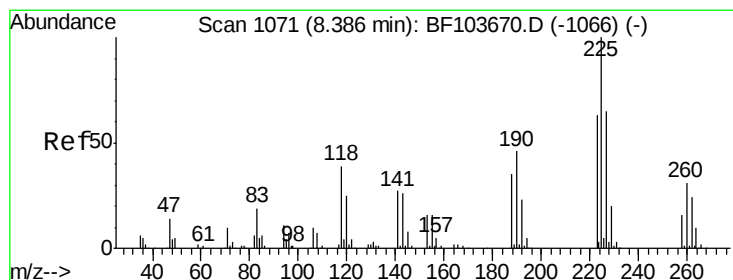
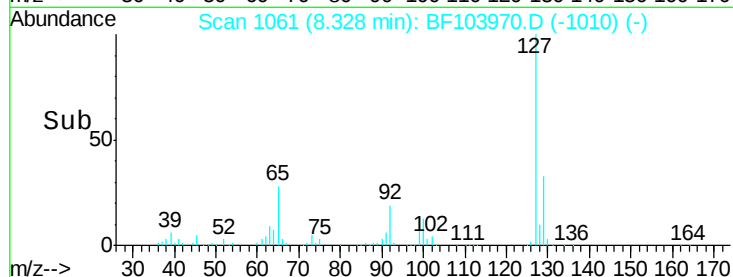
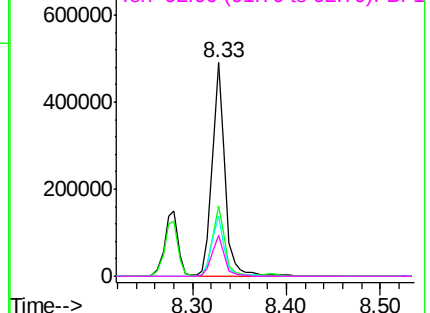
#33
4-Chloroaniline
Concen: 41.493 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 477033
Ion Ratio Lower Upper
127 100
129 33.2 25.9 38.9
65 28.3 25.0 37.4
92 19.2 15.2 22.8

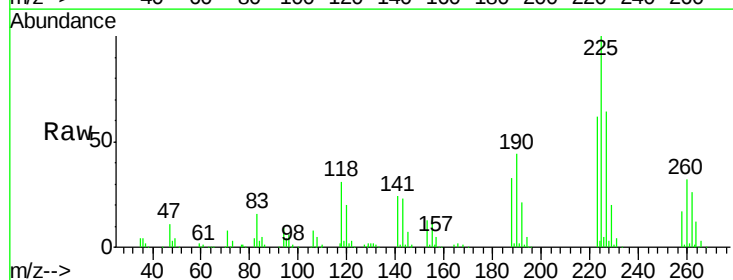


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

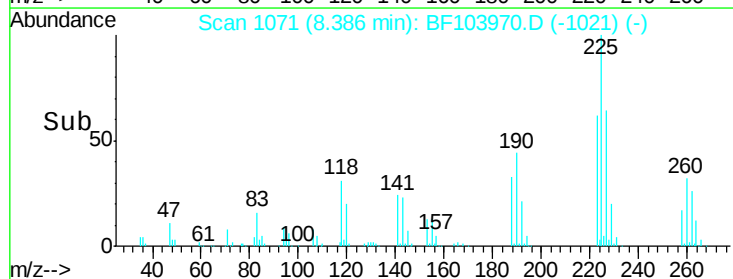
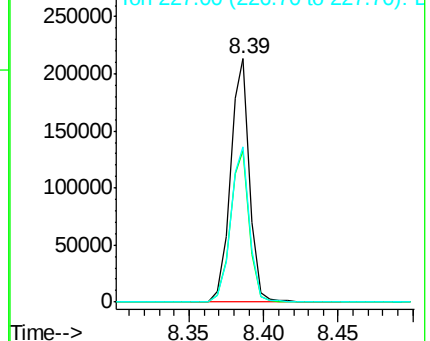


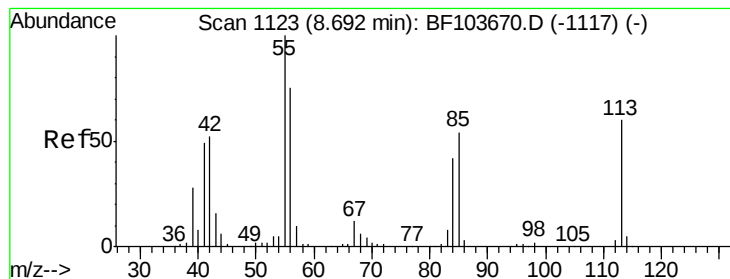
#34
Hexachlorobutadiene
Concen: 43.142 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion:225 Resp: 192557
Ion Ratio Lower Upper
225 100
223 62.1 50.6 76.0
227 63.6 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.917 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

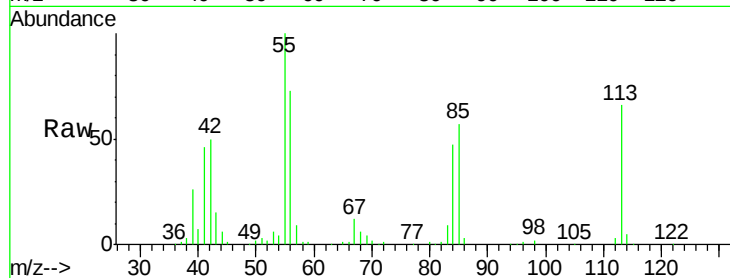
Tot Ion:113 Resp: 106141

Ion Ratio Lower Upper

113 100

55 151.9 163.3 203.3#

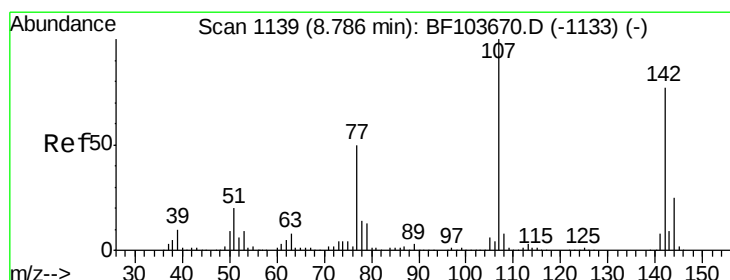
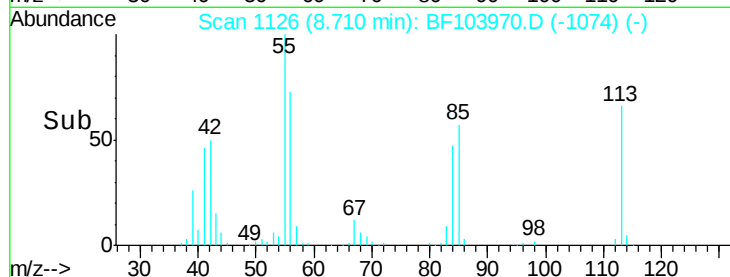
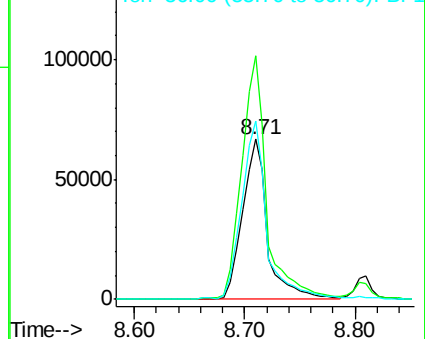
56 111.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.617 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

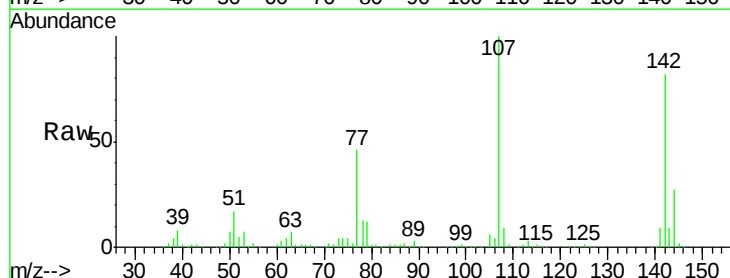
Tgt Ion:107 Resp: 329758

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

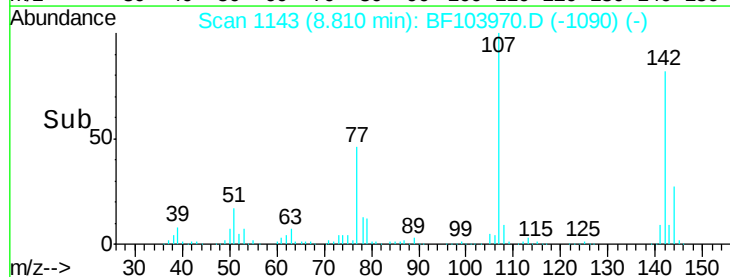
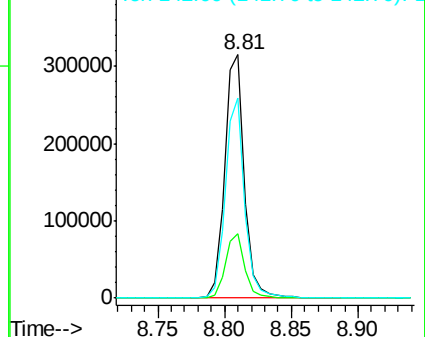
142 82.1 62.0 93.0

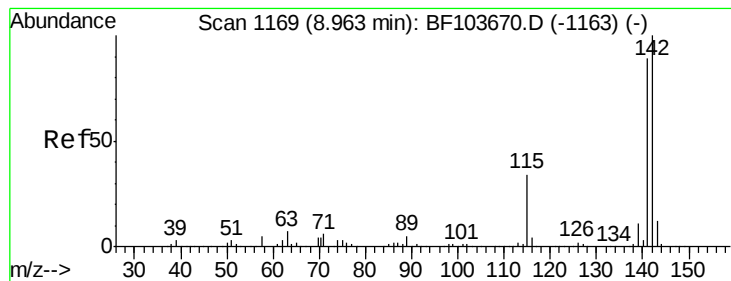


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.417 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

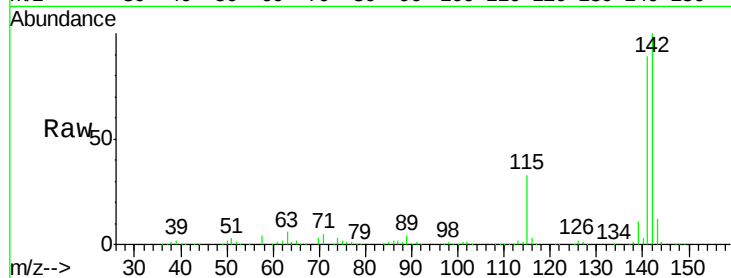
Tot Ion:142 Resp: 719755

Ion Ratio Lower Upper

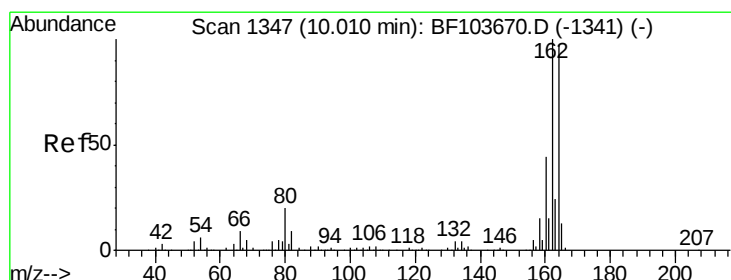
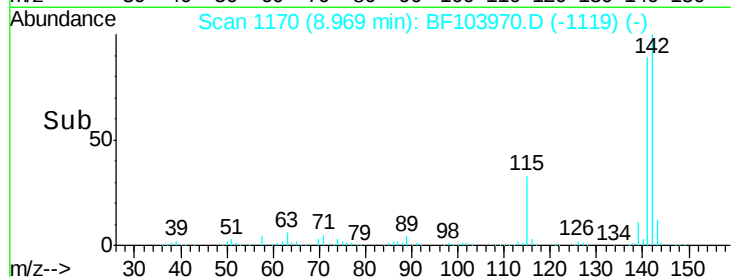
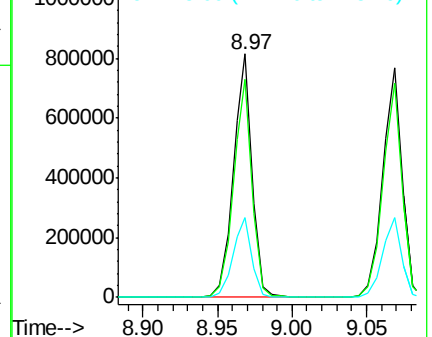
142 100

141 89.3 70.8 106.2

115 32.9 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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

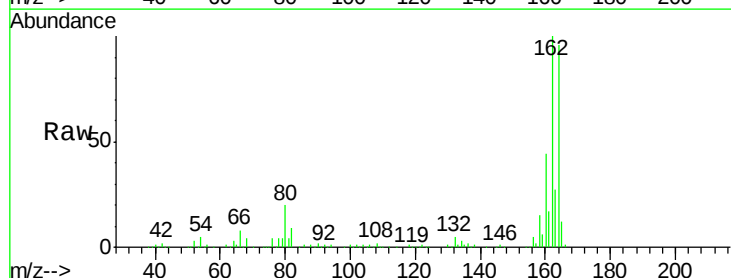
Tgt Ion:164 Resp: 255356

Ion Ratio Lower Upper

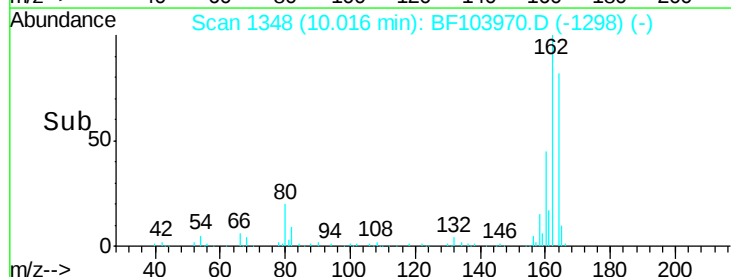
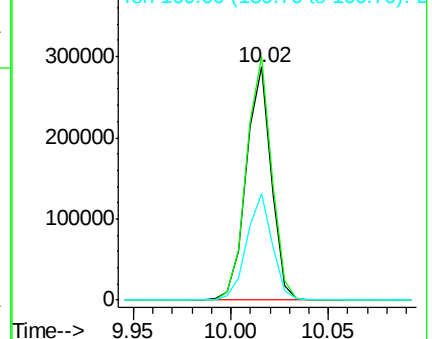
164 100

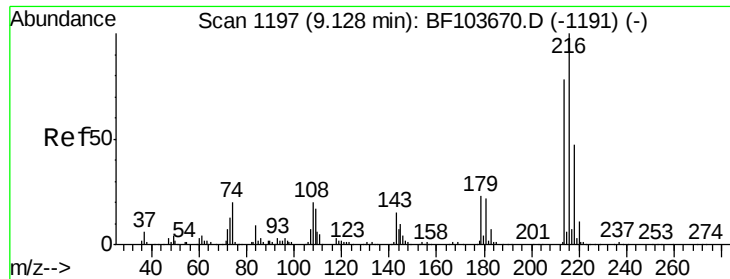
162 104.6 86.1 129.1

160 46.0 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: 43.527 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 317093

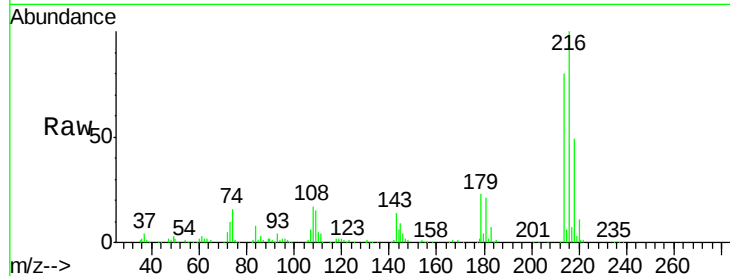
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 22.6 18.1 27.1

108 19.7 17.2 25.8

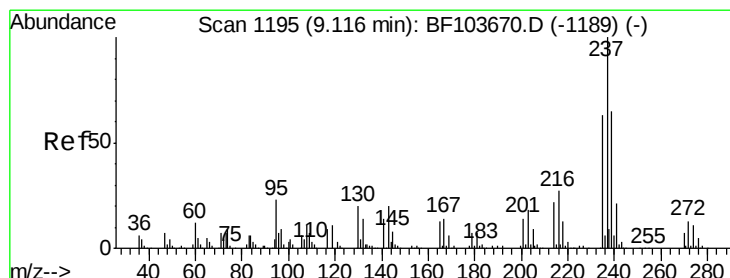
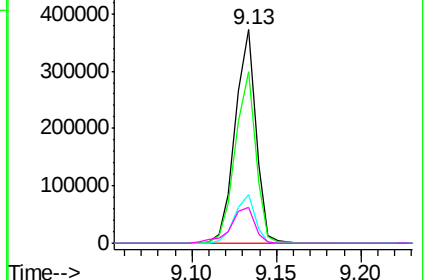
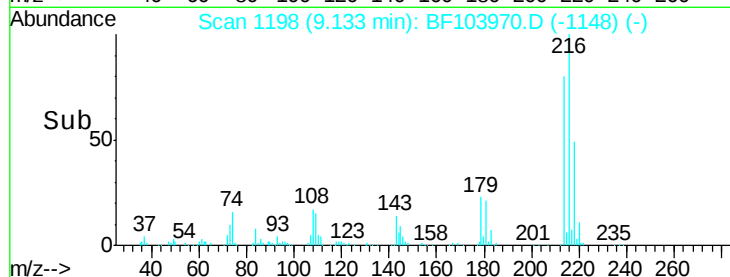


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 39.347 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

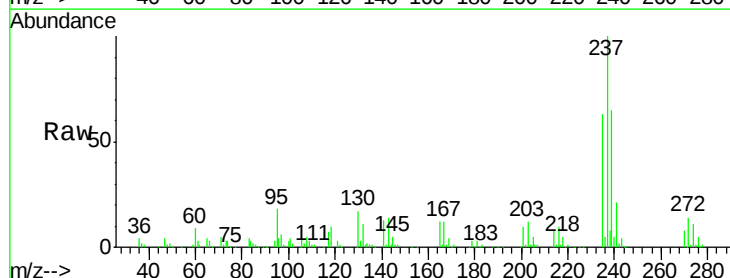
Tgt Ion:237 Resp: 147908

Ion Ratio Lower Upper

237 100

235 63.1 44.8 84.8

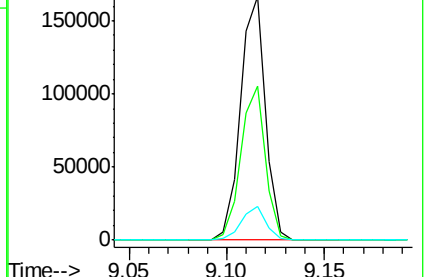
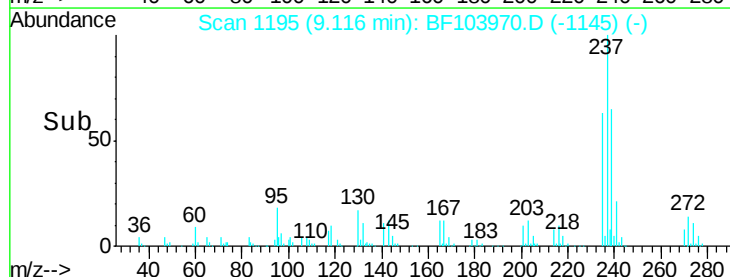
272 14.0 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

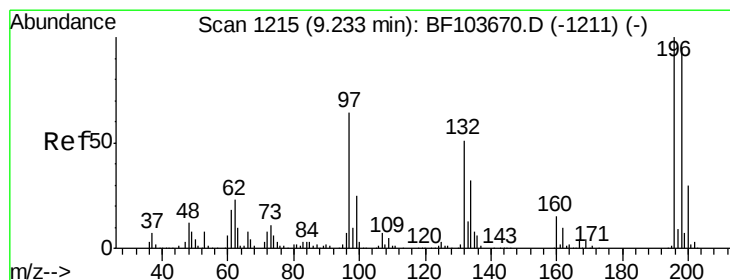
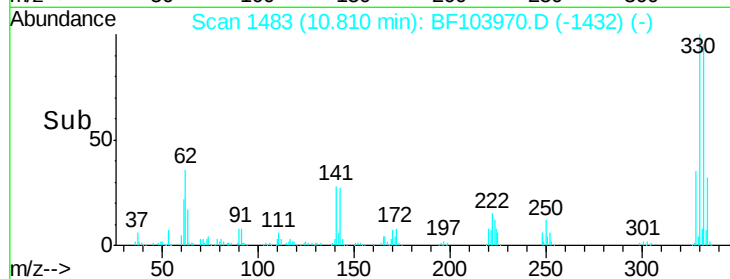
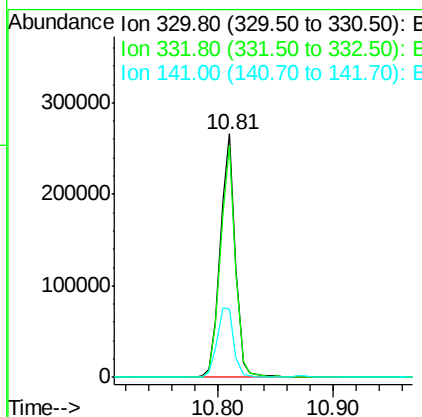
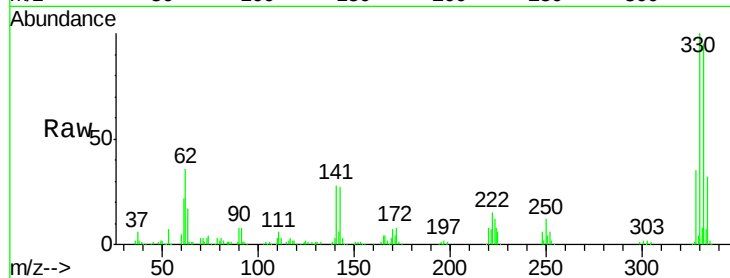




#41
 2,4,6-Tribromophenol
 Concen: 109.522 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

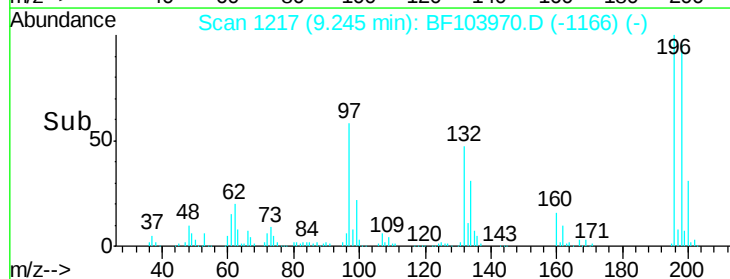
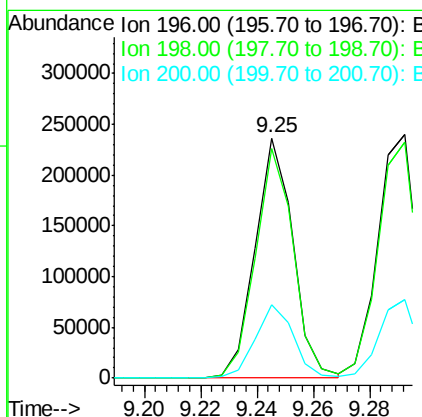
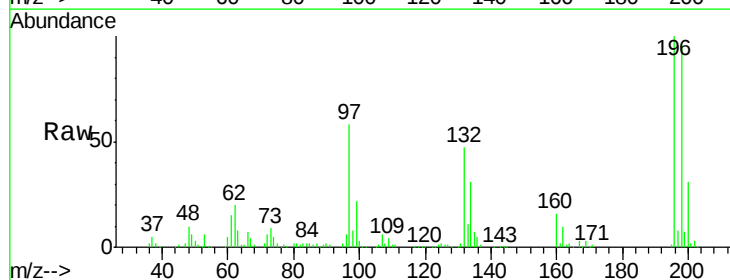
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 240463
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 31.6 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 47.240 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Tgt Ion:196 Resp: 220126
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 200 30.7 24.5 36.7

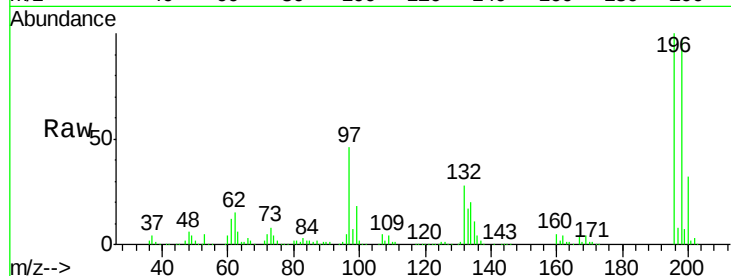




#43
 2,4,5-Trichlorophenol
 Concen: 47.671 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	74.6	112.0
97	45.6	42.9	64.3
132	28.4	26.3	39.5



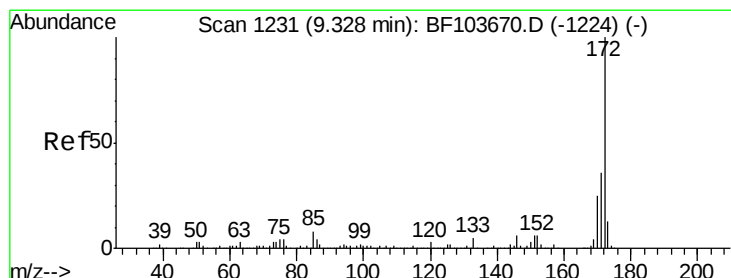
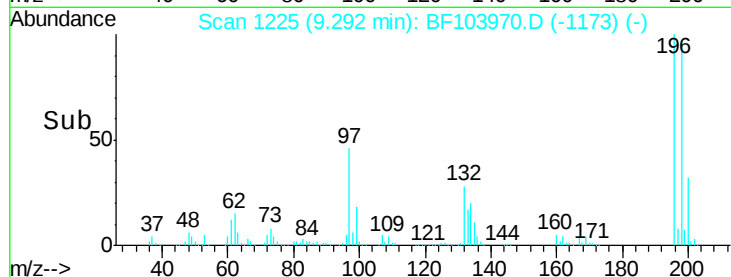
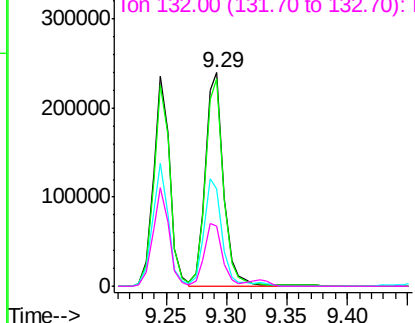
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

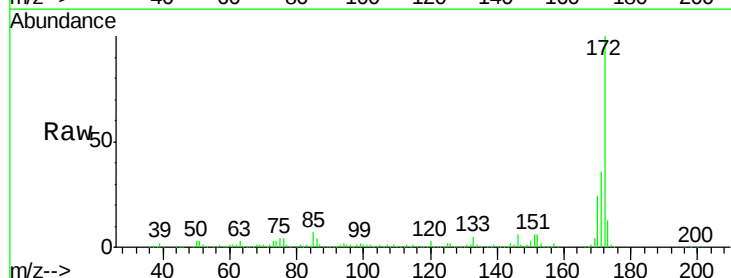
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.306 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4

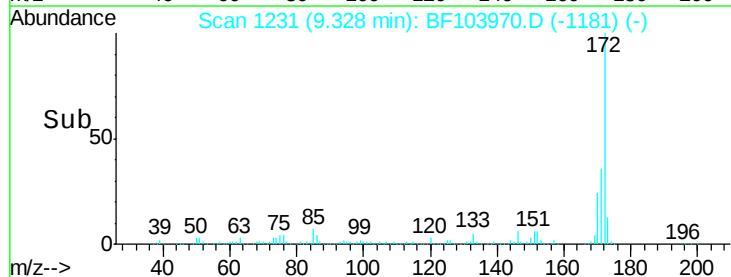
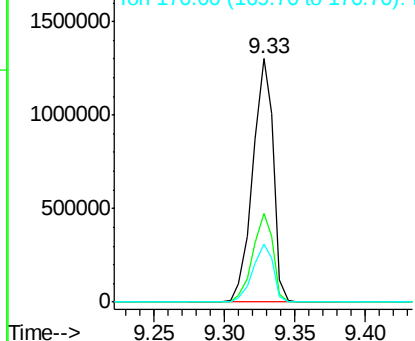


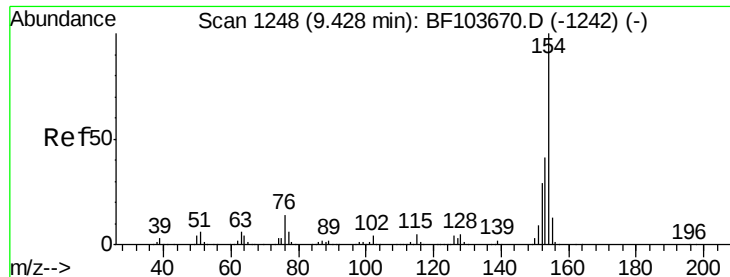
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

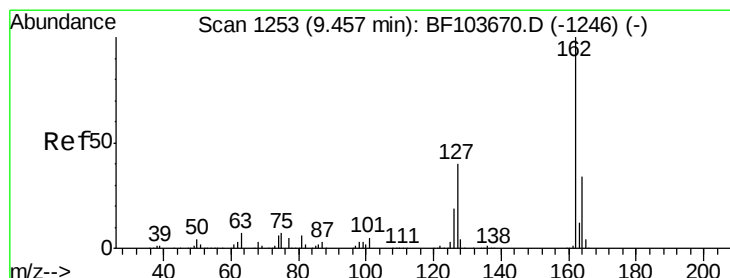
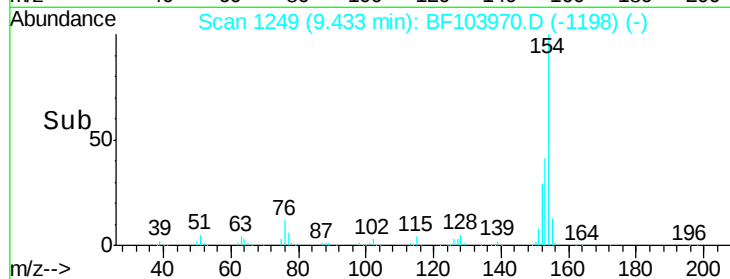
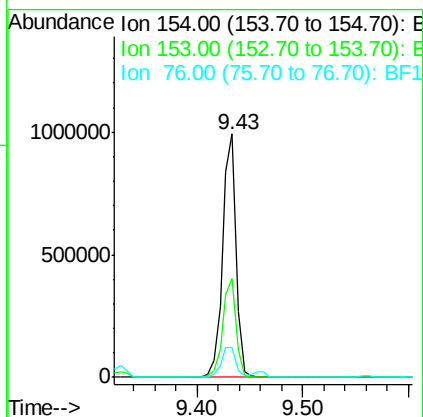
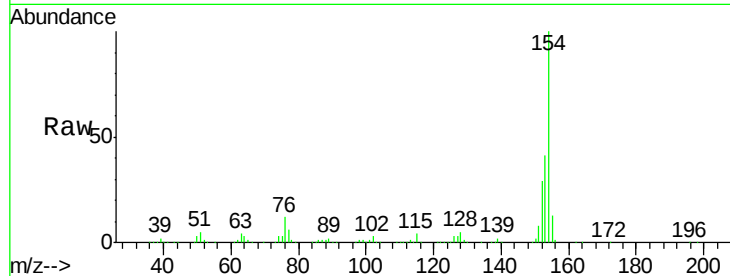




#45
 1,1'-Biphenyl
 Concen: 41.488 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

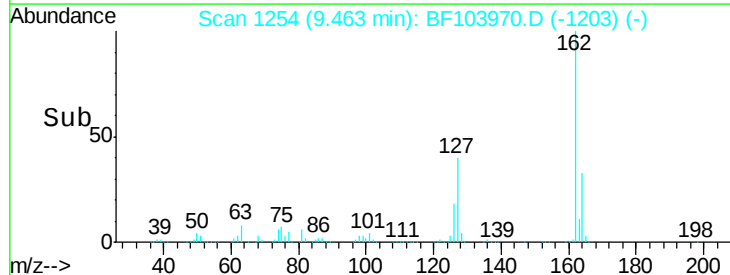
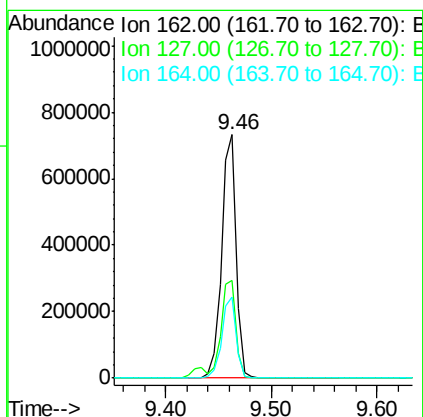
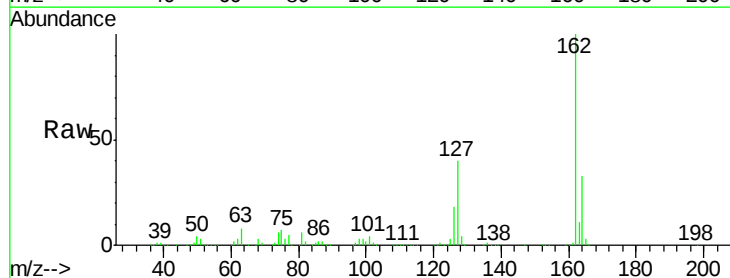
Instrument :
 BNA_F
 ClientSampled :

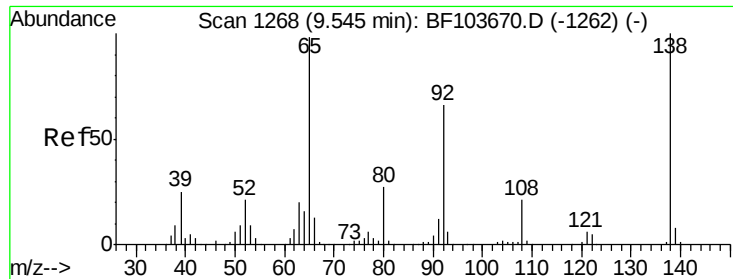
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.4	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 41.721 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.9	50.9
164	33.2	26.5	39.7

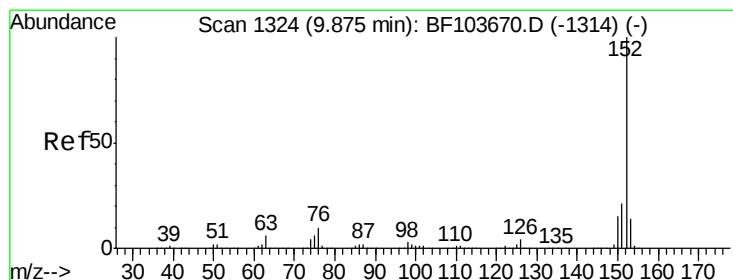
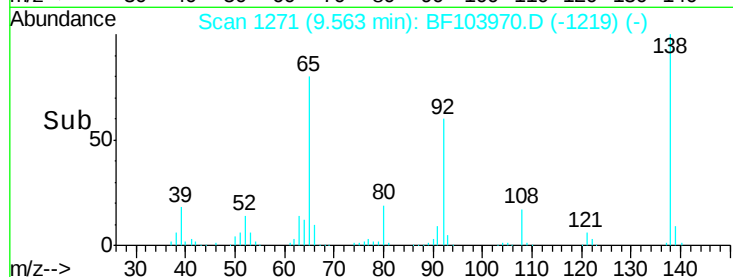
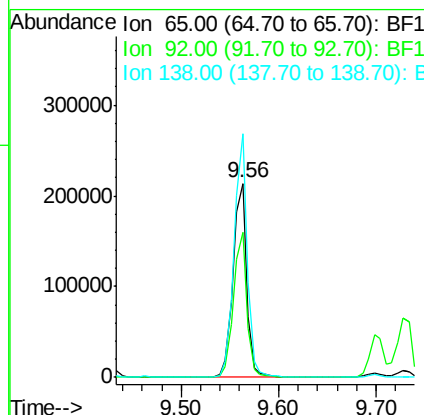
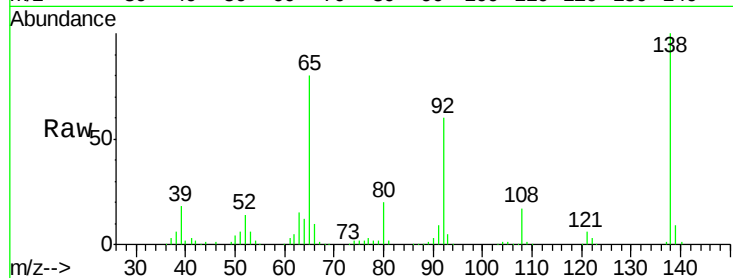




#47
 2-Nitroaniline
 Concen: 47.538 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

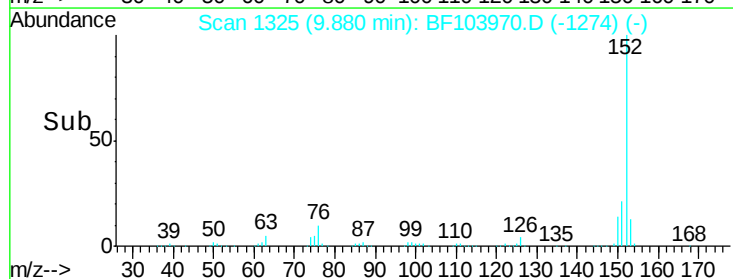
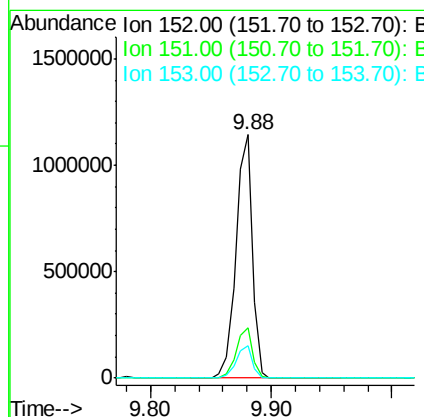
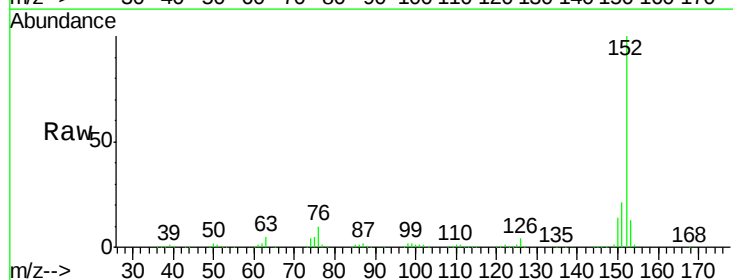
Instrument :
 BNA_F
 ClientSampleId :

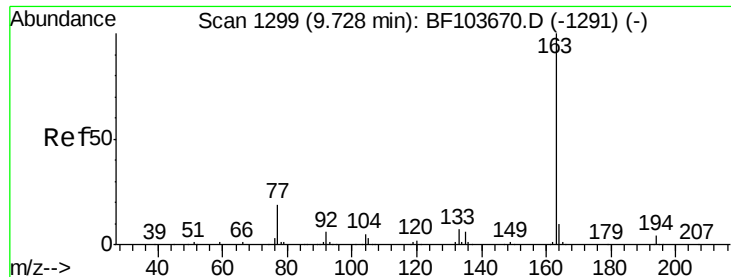
Tot Ion: 65 Resp: 209981
 Ion Ratio Lower Upper
 65 100
 92 74.7 55.8 83.6
 138 125.4 91.2 136.8



#48
 Acenaphthylene
 Concen: 41.263 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Tgt Ion: 152 Resp: 1082146
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.3 10.7 16.1

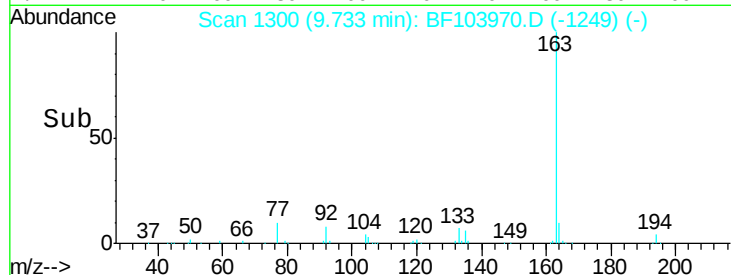
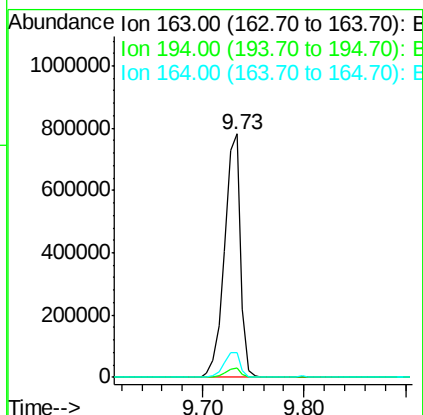
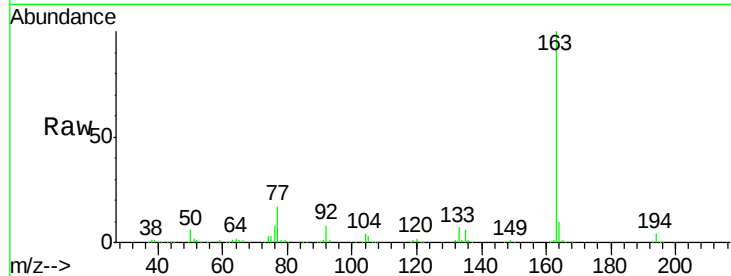




#49
Dimethylphthalate
Concen: 43.439 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

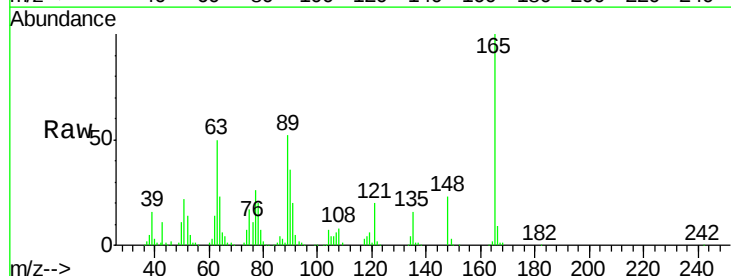
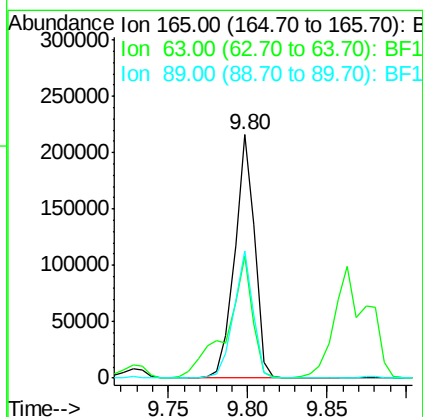
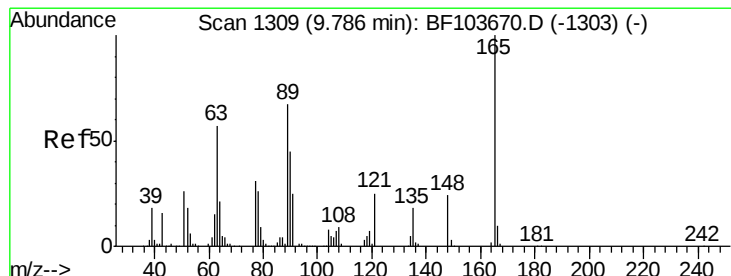
Instrument :
BNA_F
ClientSampled :

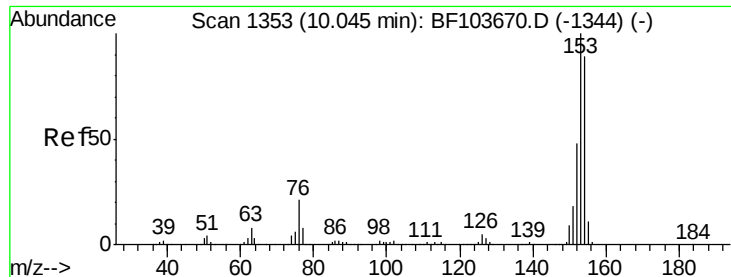
Tot Ion:163 Resp: 846292
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 49.761 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion:165 Resp: 188138
Ion Ratio Lower Upper
165 100
63 50.3 44.7 67.1
89 52.0 44.0 66.0





#51

Acenaphthene

Concen: 40.301 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

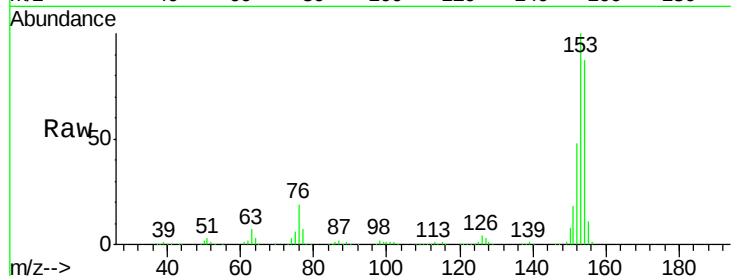
Tot Ion:154 Resp: 627571

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

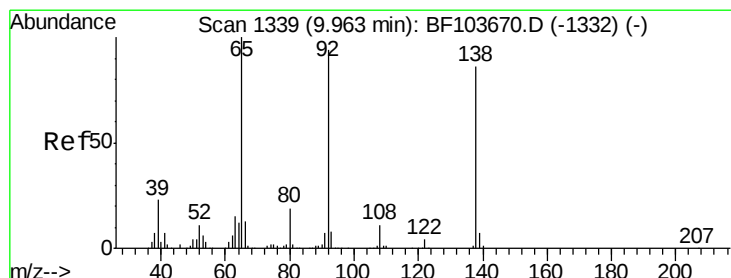
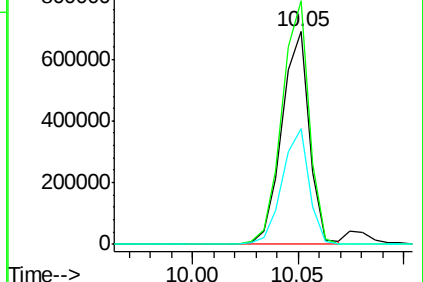
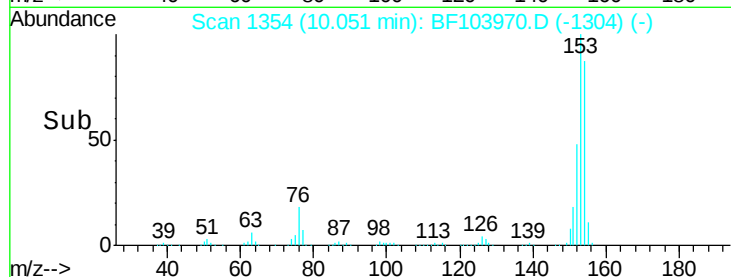
152 54.6 43.8 65.8



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: 47.341 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

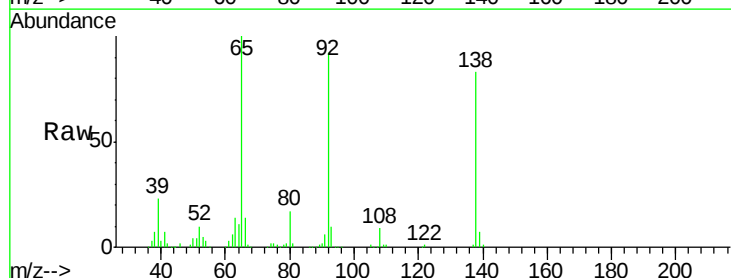
Tgt Ion:138 Resp: 213572

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

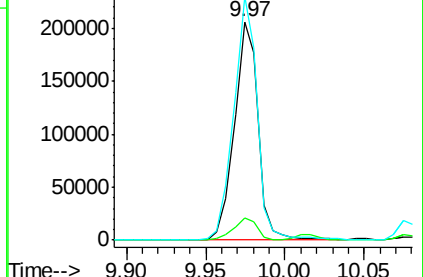
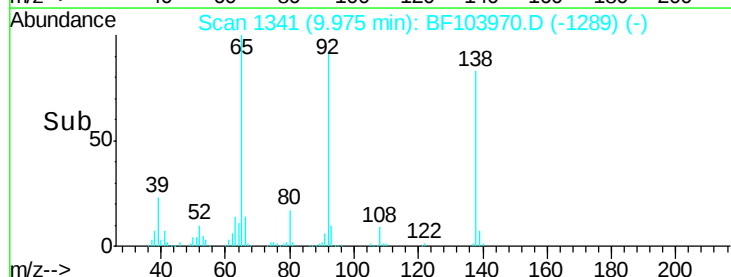
92 111.5 89.4 134.2

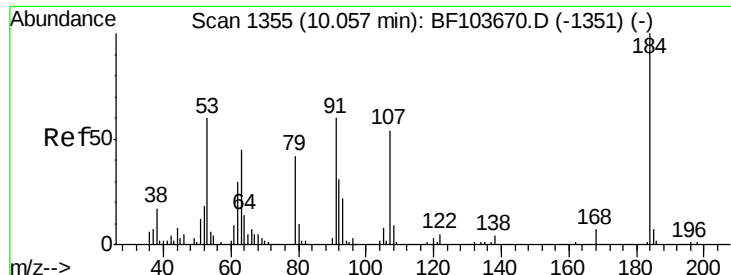


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

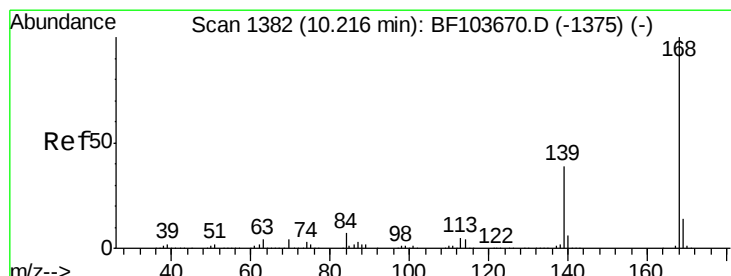
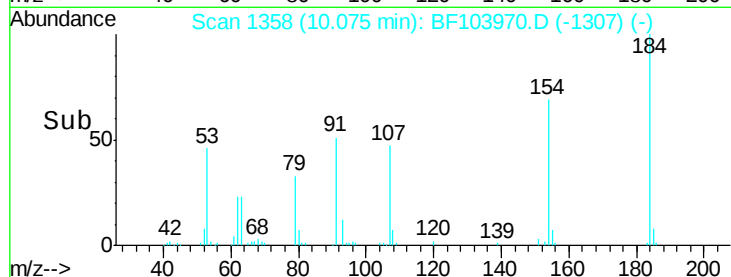
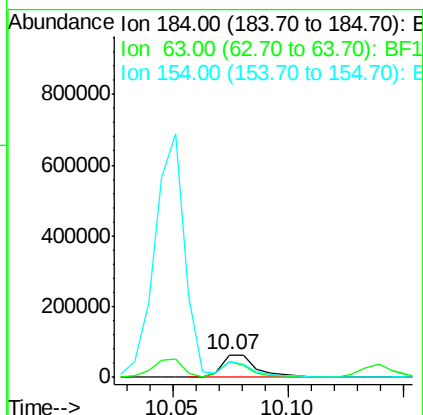
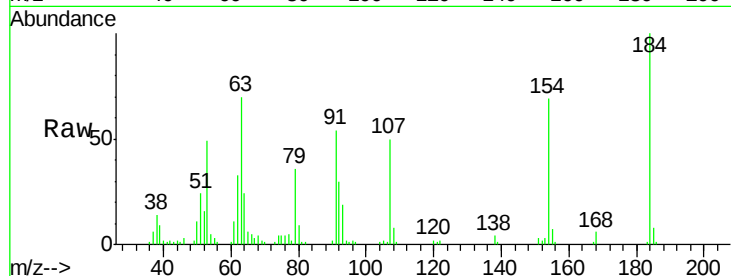




#53
2,4-Dinitrophenol
Concen: 66.643 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

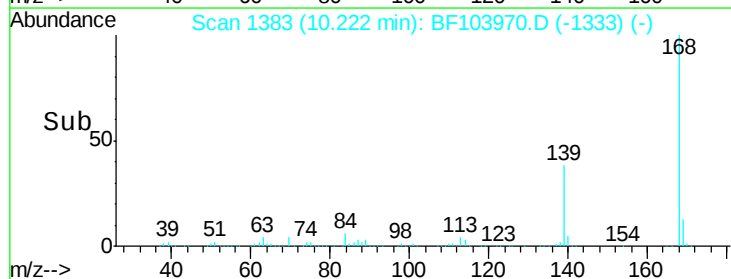
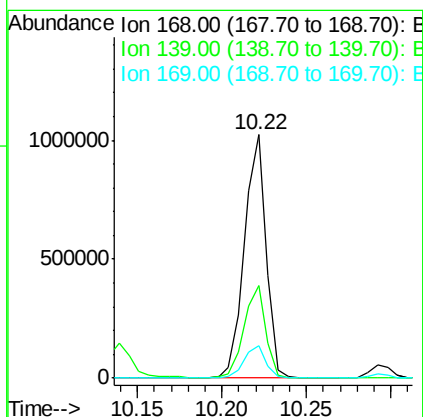
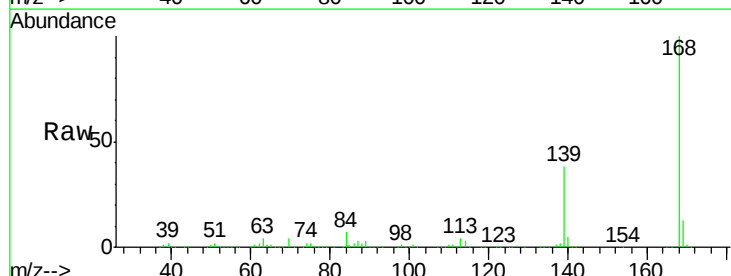
Instrument :
BNA_F
ClientSampled :

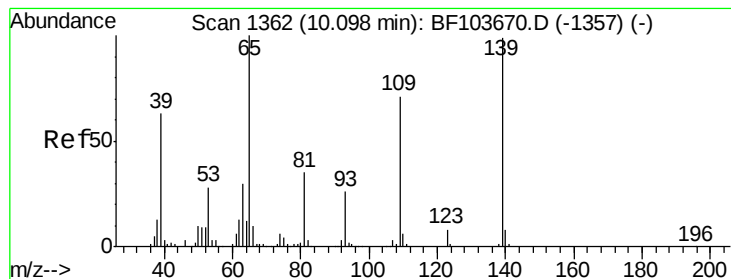
Tot Ion:184 Resp: 67623
Ion Ratio Lower Upper
184 100
63 70.2 54.2 81.2
154 69.1 184.0 276.0#



#54
Dibenzofuran
Concen: 41.347 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion:168 Resp: 919562
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1
169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 45.186 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.02 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampled :

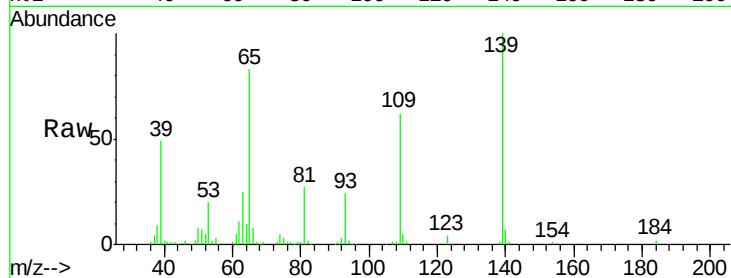
Tot Ion:139 Resp: 152948

Ion Ratio Lower Upper

139 100

109 61.9 48.4 88.4

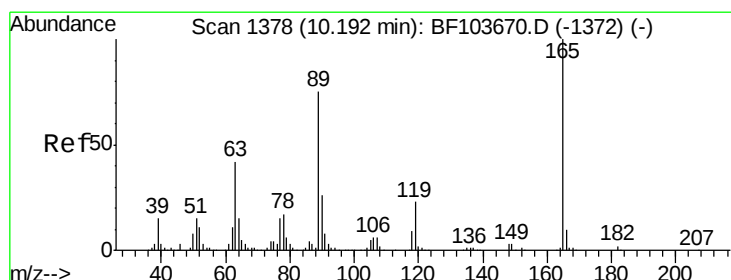
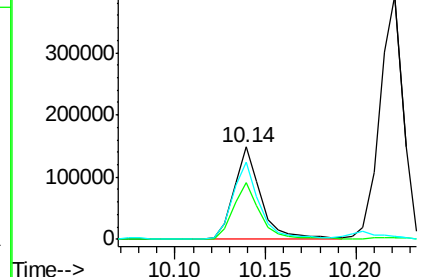
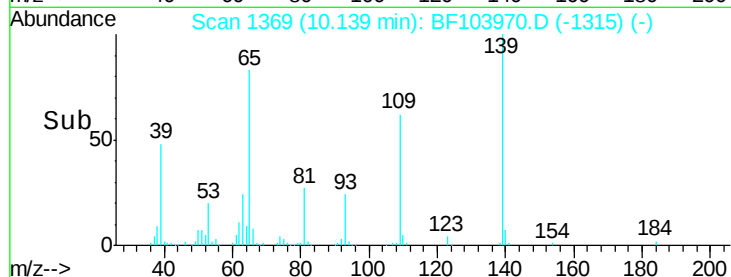
65 83.4 72.6 112.6



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: 51.226 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Tgt Ion:165 Resp: 246875

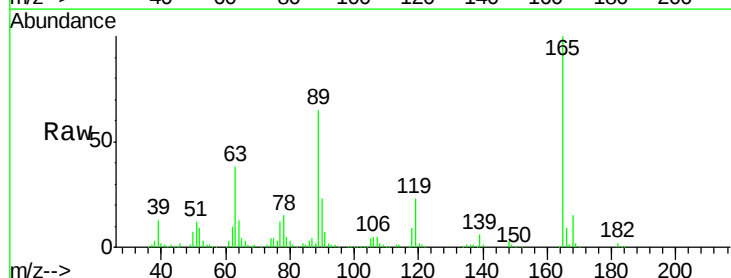
Ion Ratio Lower Upper

165 100

63 37.8 36.4 54.6

89 65.4 57.8 86.6

182 2.3 1.6 2.4

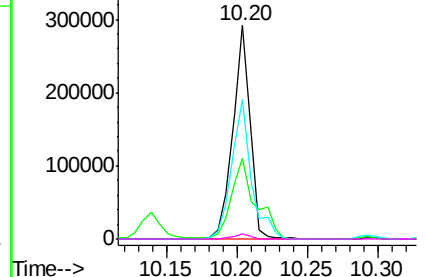
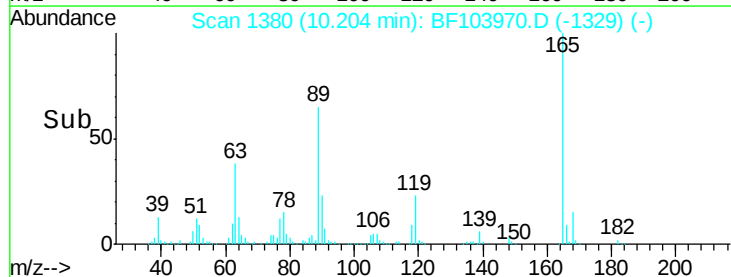


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

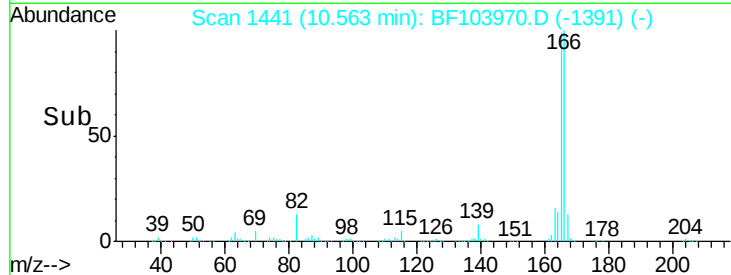
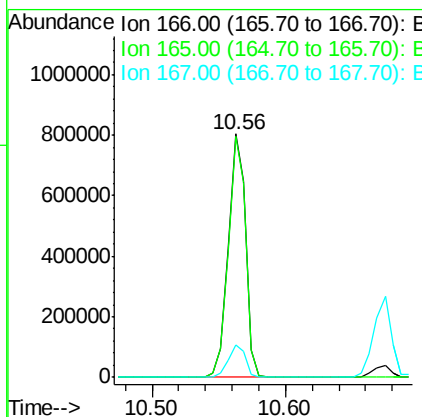
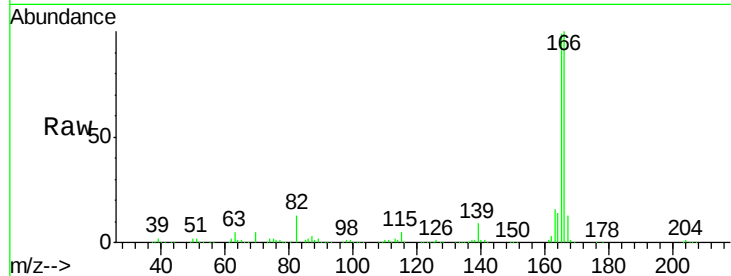




#57
 Fluorene
 Concen: 42.735 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

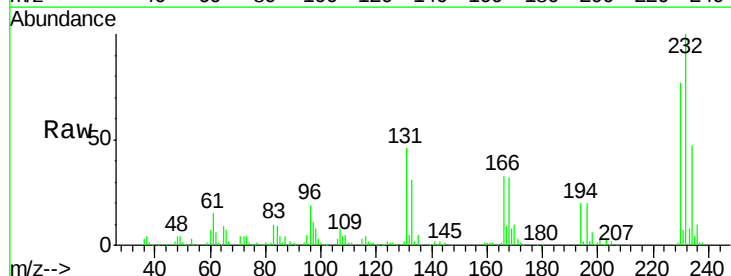
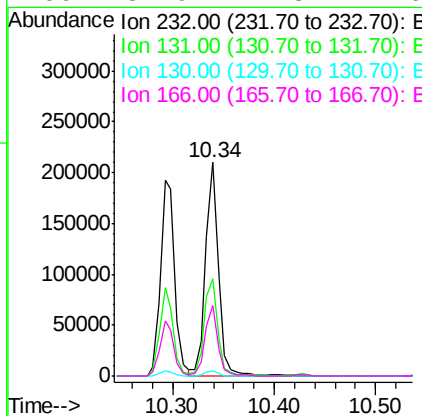
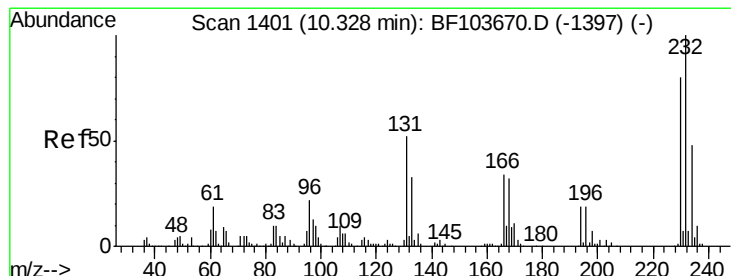
Instrument :
 BNA_F
 ClientSampled :

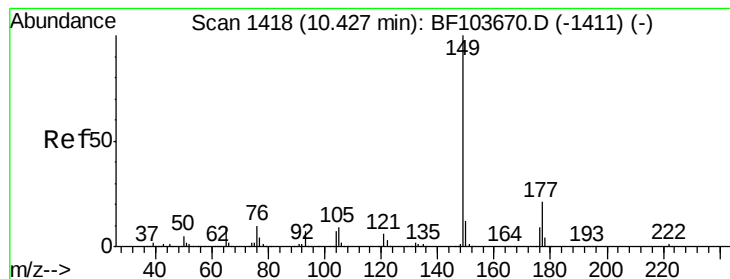
Tot Ion:166 Resp: 737515
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.036 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Tgt Ion:232 Resp: 186465
 Ion Ratio Lower Upper
 232 100
 131 46.9 43.8 65.8
 130 2.2 2.1 3.1
 166 32.9 27.8 41.6





#59

Diethylphthalate

Concen: 41.818 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

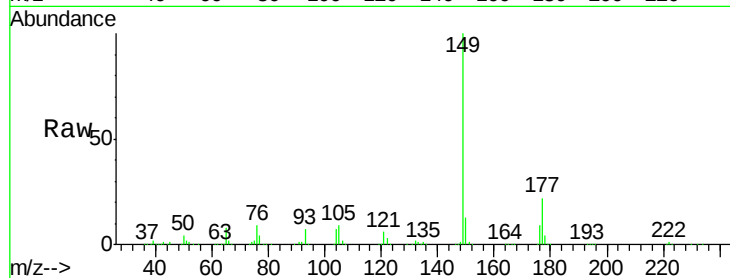
Tot Ion:149 Resp: 808623

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

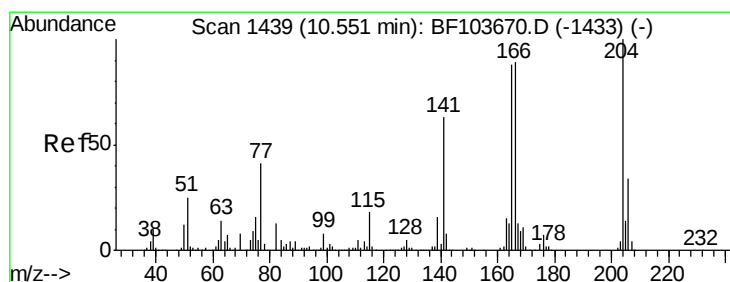
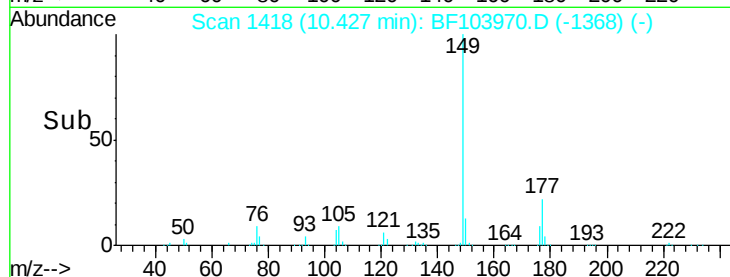
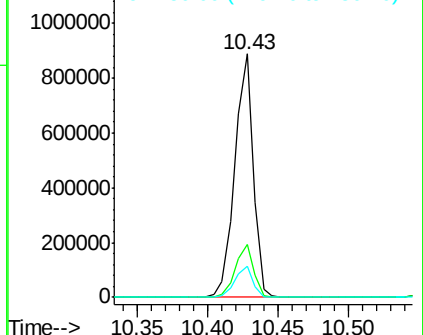
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.478 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

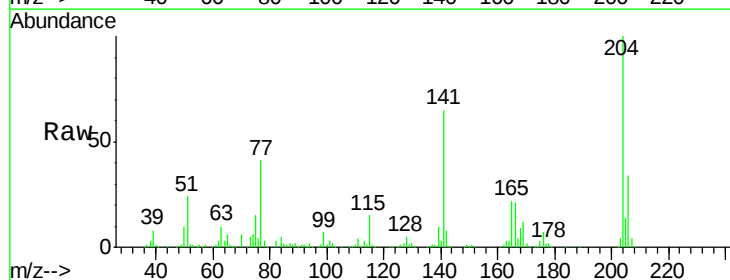
Tgt Ion:204 Resp: 342915

Ion Ratio Lower Upper

204 100

206 33.8 26.5 39.7

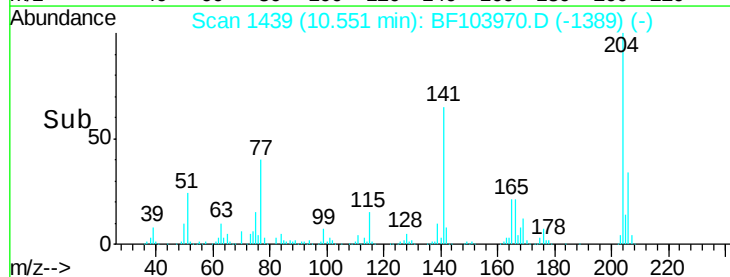
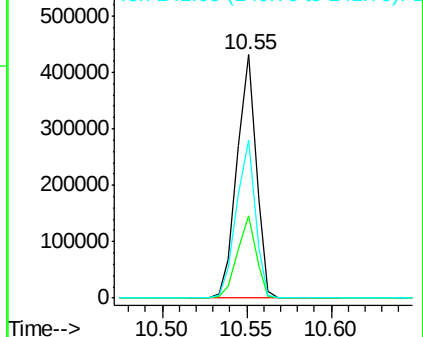
141 64.6 54.6 81.8

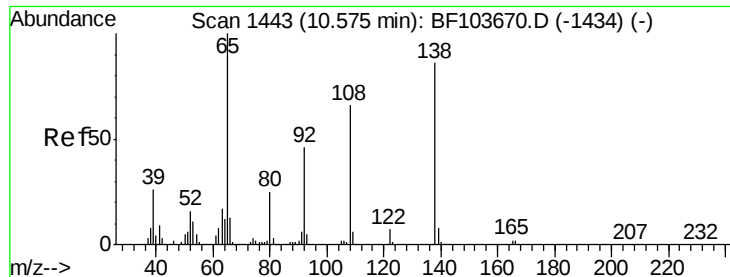


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

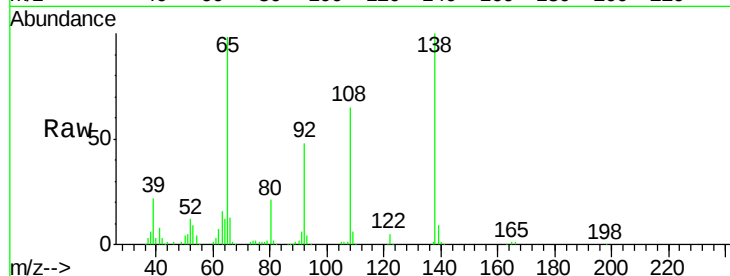




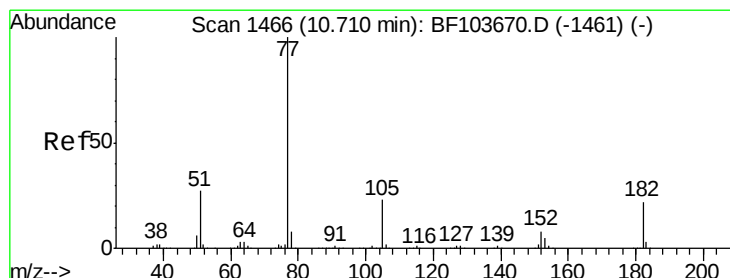
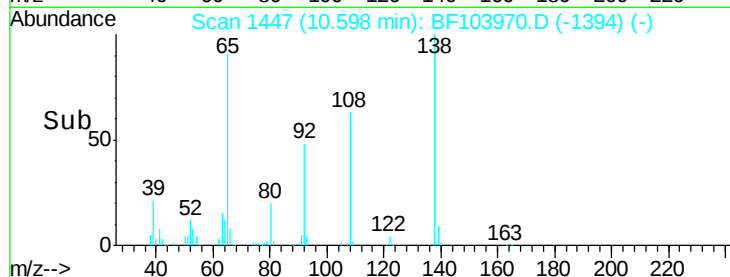
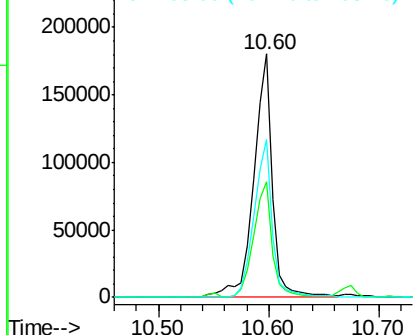
#61
4-Nitroaniline
Concen: 49.146 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 214069
Ion Ratio Lower Upper
138 100
92 47.6 30.2 70.2
108 65.0 52.5 92.5

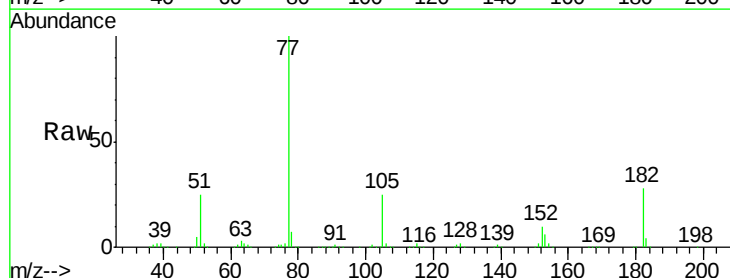


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

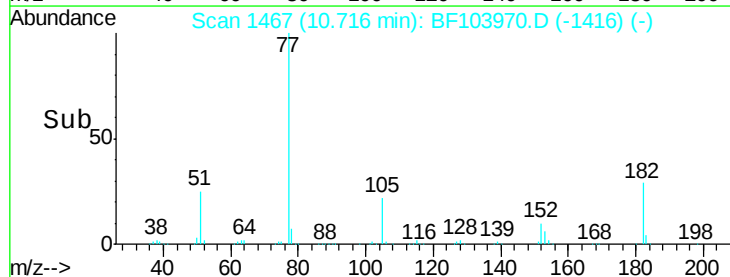
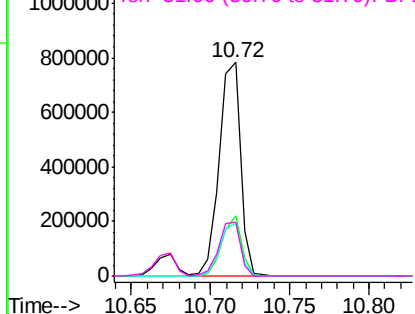


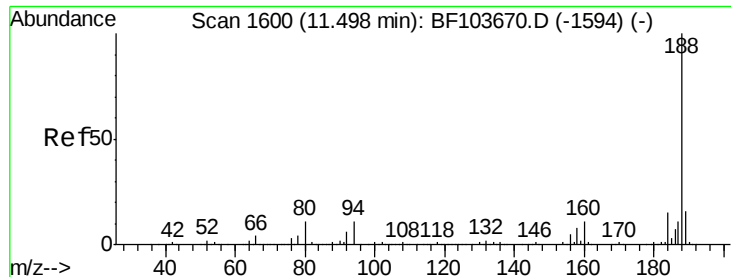
#62
Azobenzene
Concen: 37.280 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion: 77 Resp: 732906
Ion Ratio Lower Upper
77 100
182 28.2 1.7 41.7
105 24.8 3.0 43.0
51 25.0 9.9 49.9



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

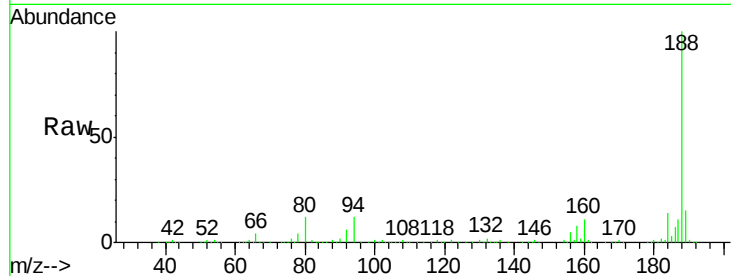




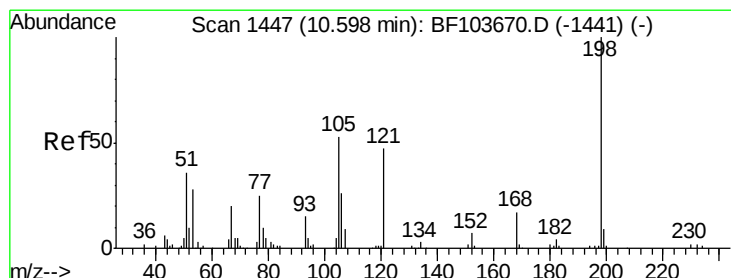
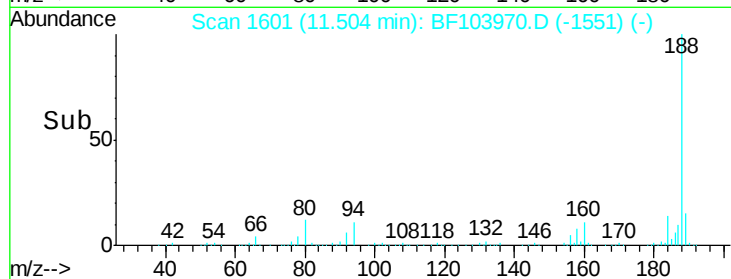
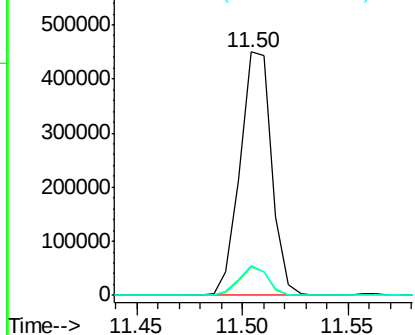
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 466694
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.1 9.2 13.8

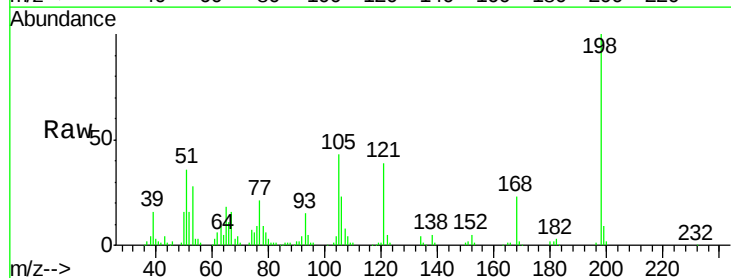


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

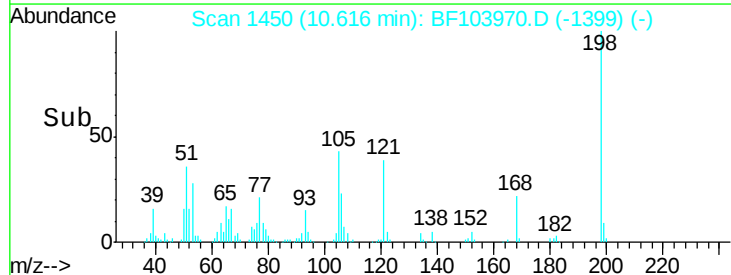
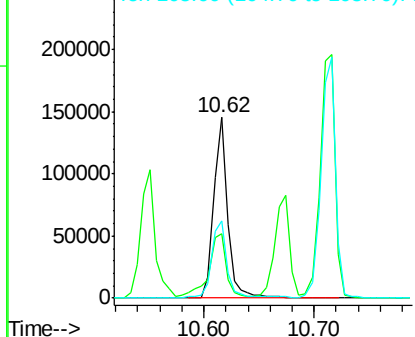


#64
 4,6-Dinitro-2-methylphenol
 Concen: 63.578 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Tgt Ion:198 Resp: 125763
 Ion Ratio Lower Upper
 198 100
 51 35.7 37.7 77.7#
 105 43.1 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 41.909 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampled :

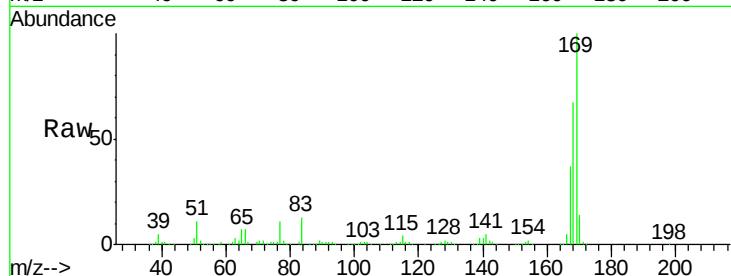
Tot Ion:169 Resp: 665738

Ion Ratio Lower Upper

169 100

168 67.2 54.4 81.6

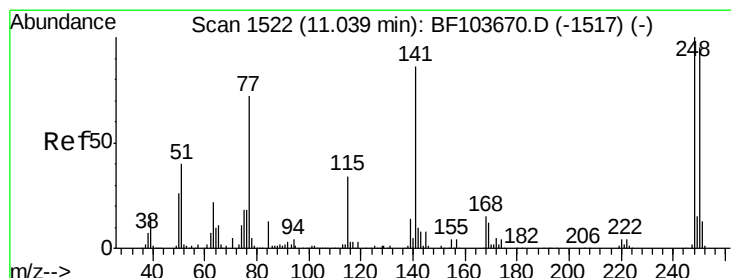
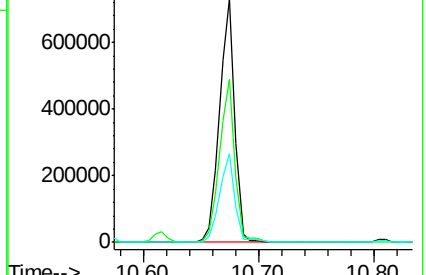
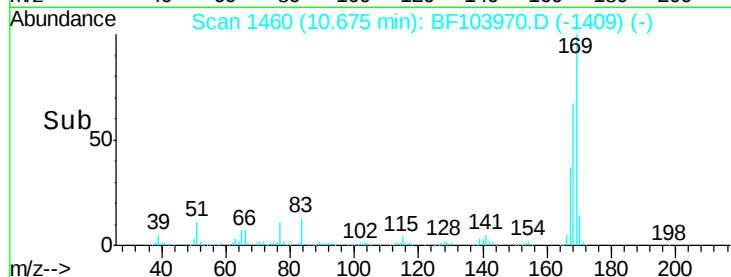
167 36.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.998 ng

RT: 11.05 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

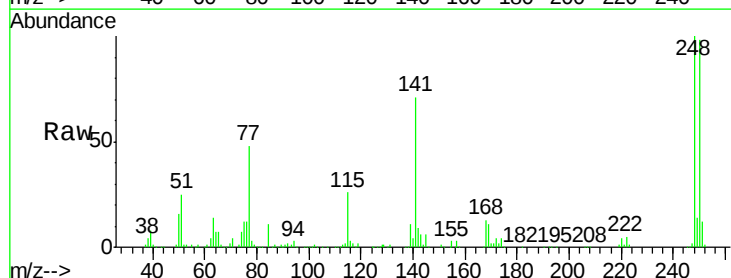
Tgt Ion:248 Resp: 210824

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

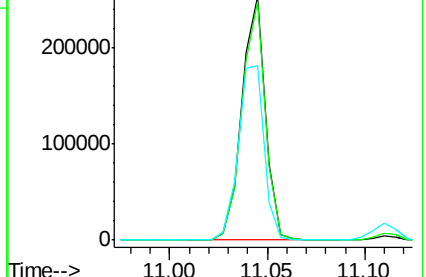
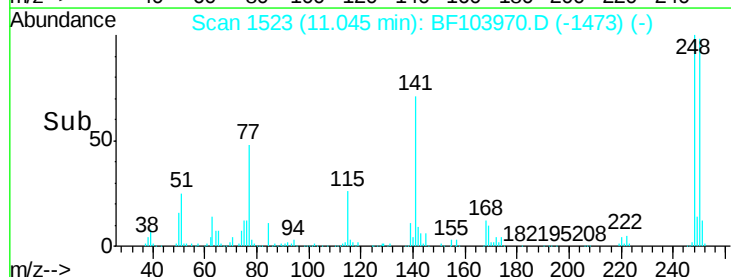
141 71.5 74.4 111.6#



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

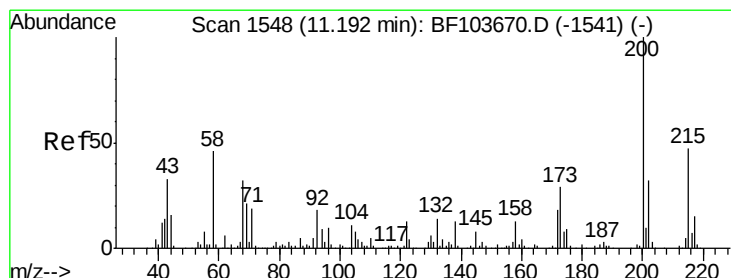
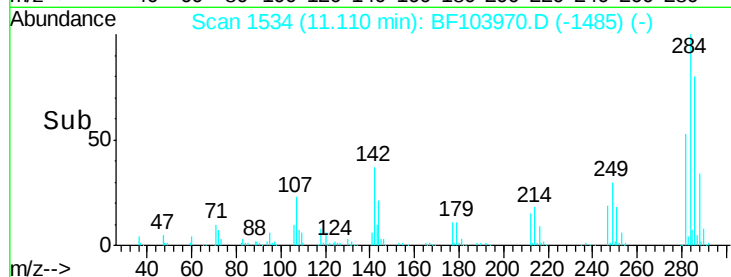
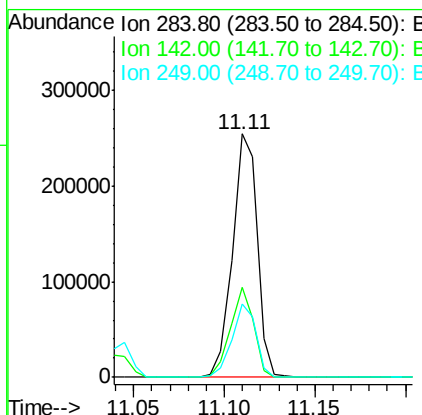
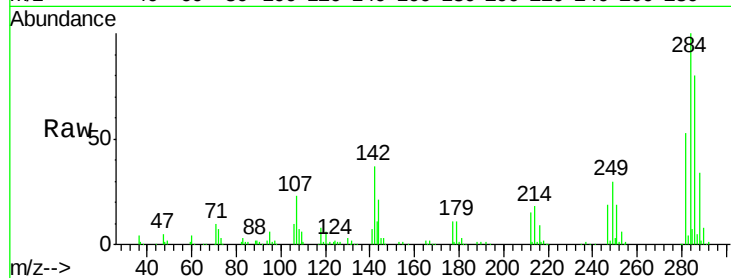




#67
Hexachlorobenzene
Concen: 44.096 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

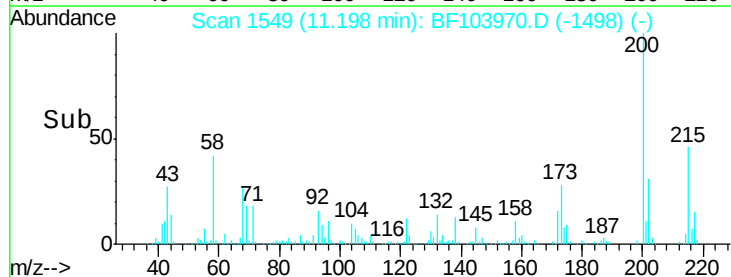
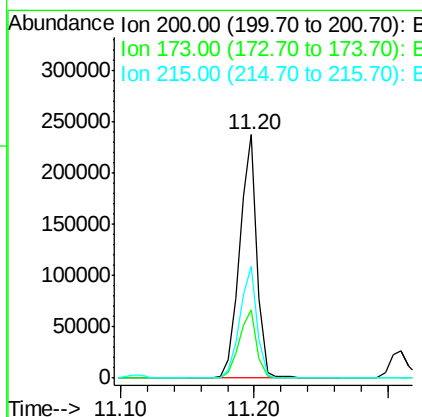
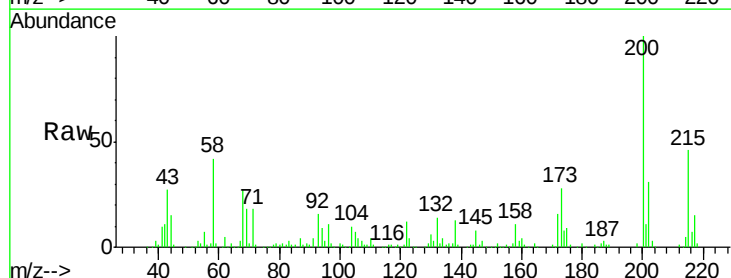
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 241161
Ion Ratio Lower Upper
284 100
142 37.2 34.6 52.0
249 30.0 24.8 37.2



#68
Atrazine
Concen: 43.402 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion:200 Resp: 213280
Ion Ratio Lower Upper
200 100
173 28.2 8.6 48.6
215 46.1 25.1 65.1

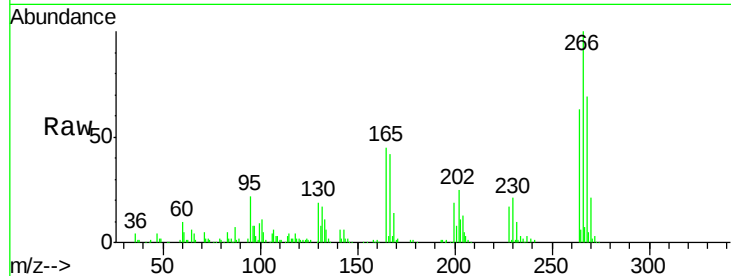




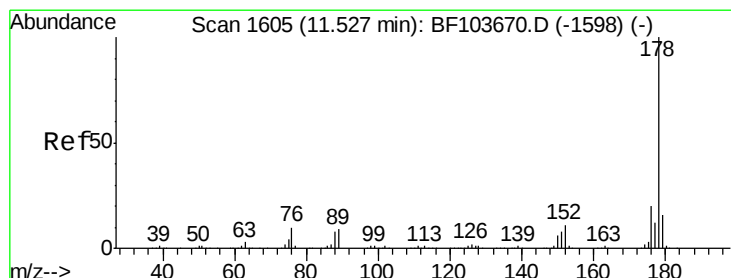
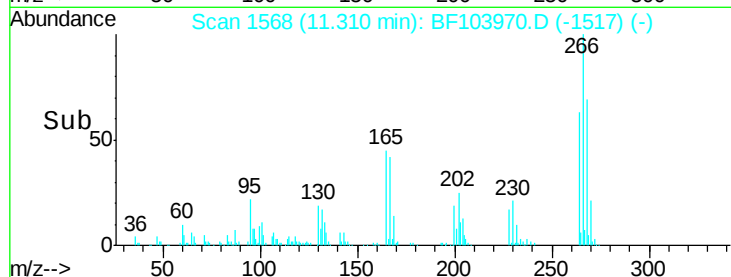
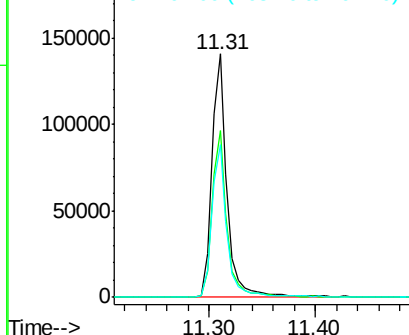
#69
 Pentachlorophenol
 Concen: 45.519 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 143121
 Ion Ratio Lower Upper
 266 100
 268 68.7 51.1 76.7
 264 62.9 49.5 74.3

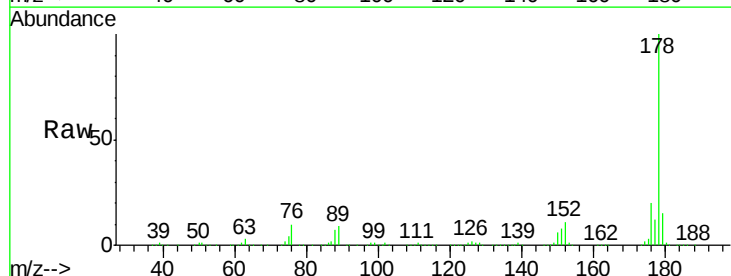


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

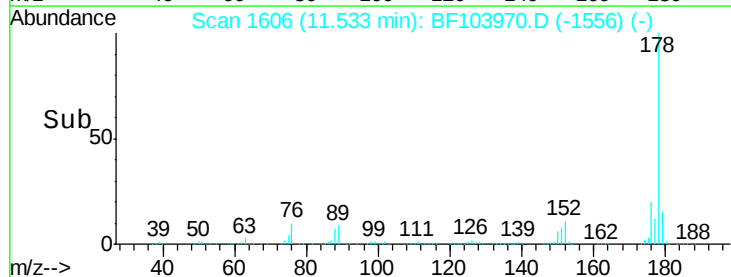
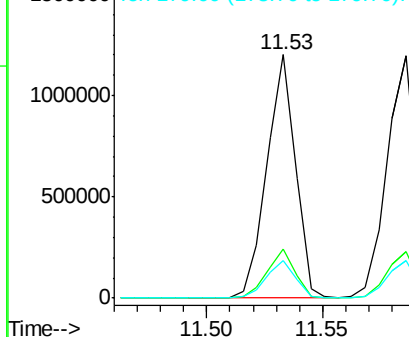


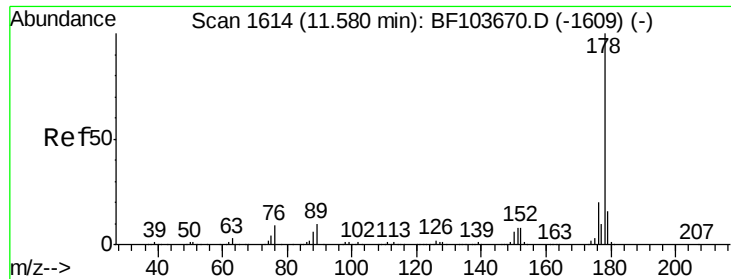
#70
 Phenanthrene
 Concen: 40.641 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Tgt Ion:178 Resp: 1037533
 Ion Ratio Lower Upper
 178 100
 176 20.0 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

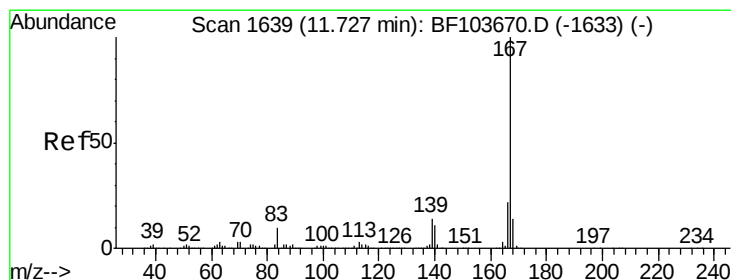
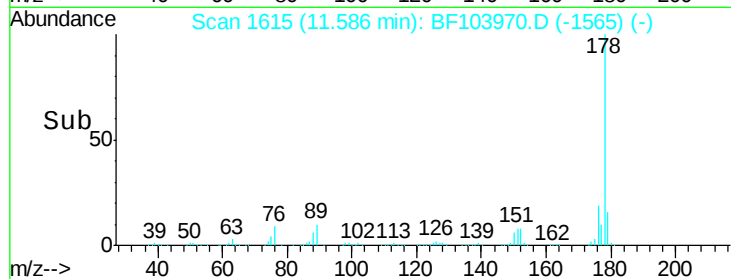
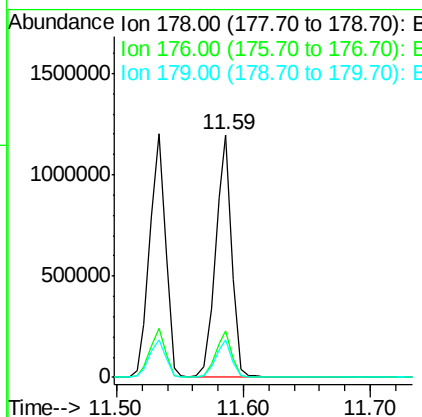
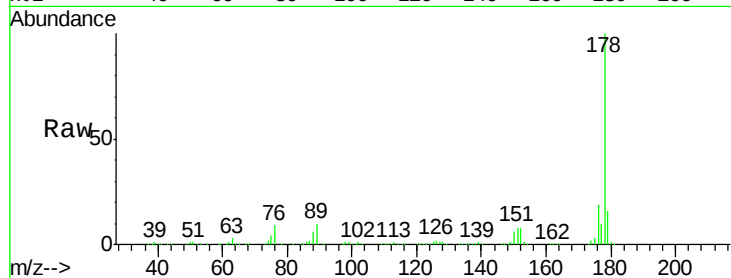




#71
 Anthracene
 Concen: 41.219 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

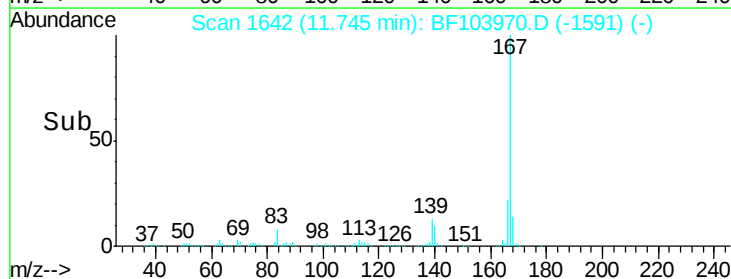
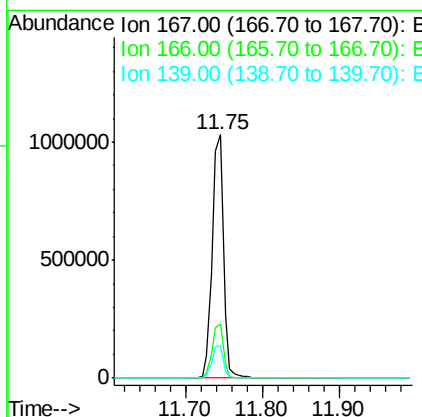
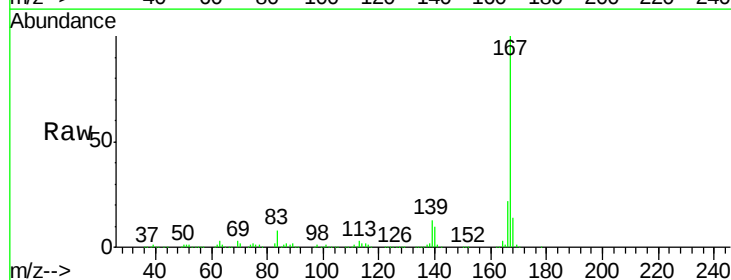
Instrument :
 BNA_F
 ClientSampleId :

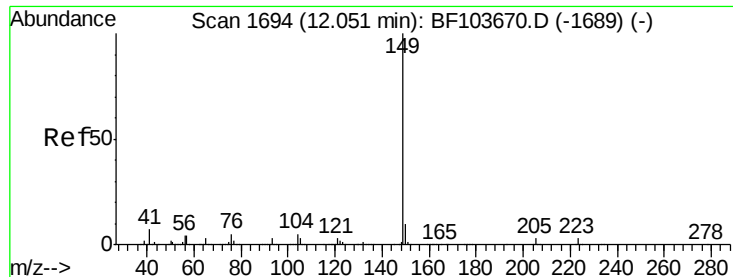
Tot Ion:178 Resp: 1068761
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 40.966 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Tgt Ion:167 Resp: 1032430
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.1 10.9 16.3

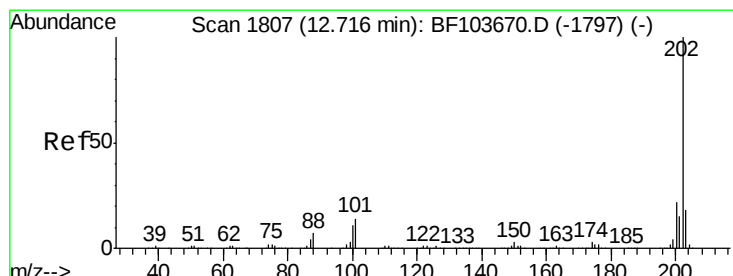
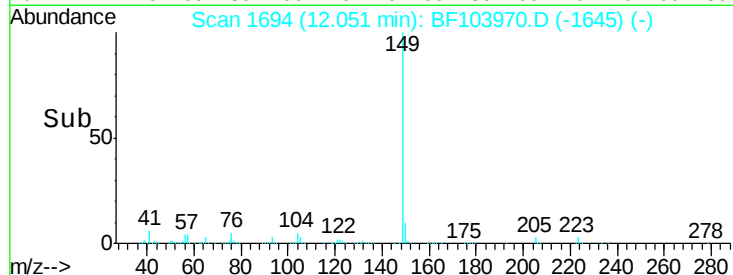
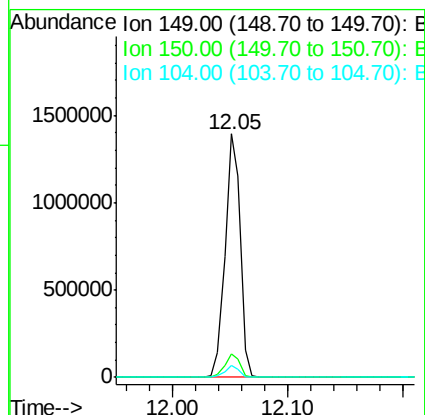
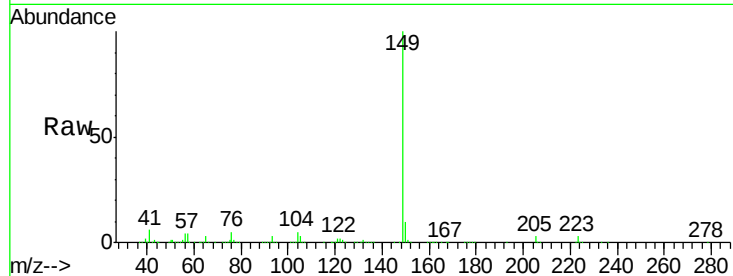




#73
Di-n-butylphthalate
Concen: 41.606 ng
RT: 12.05 min Scan# 1694
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

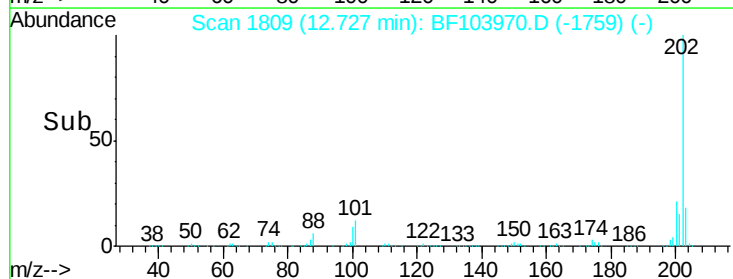
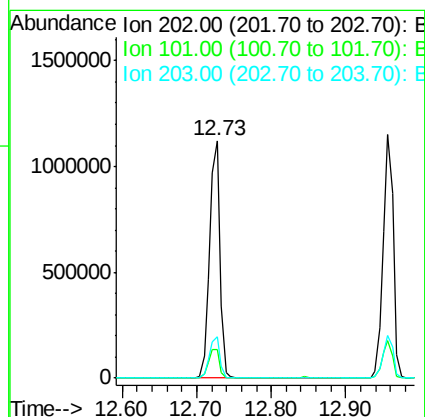
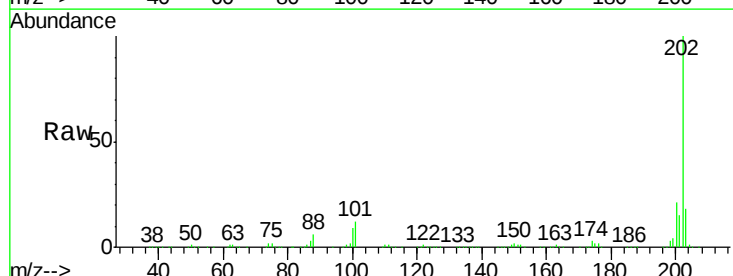
Instrument :
BNA_F
ClientSampleId :

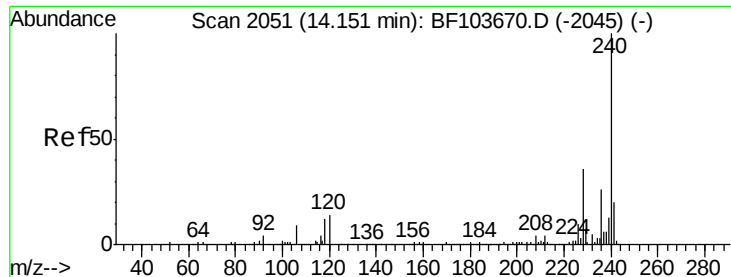
Tot Ion:149 Resp: 1258136
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 41.166 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion:202 Resp: 1082697
Ion Ratio Lower Upper
202 100
101 12.3 0.0 34.1
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

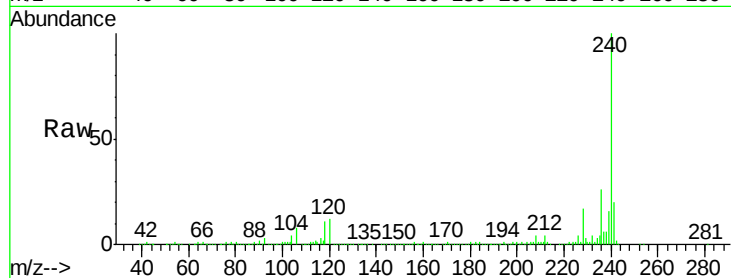
Tot Ion:240 Resp: 358900

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

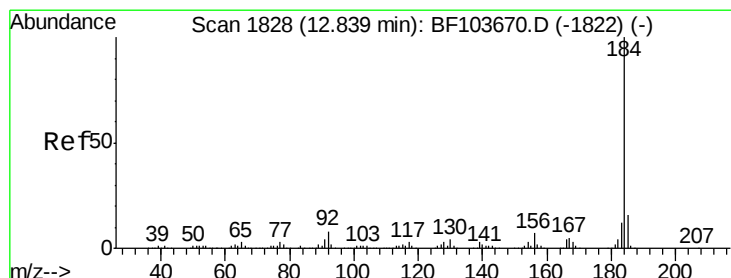
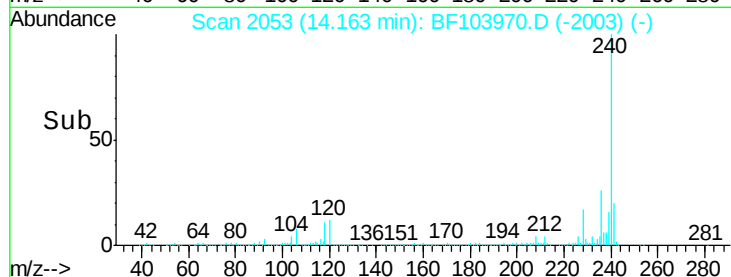
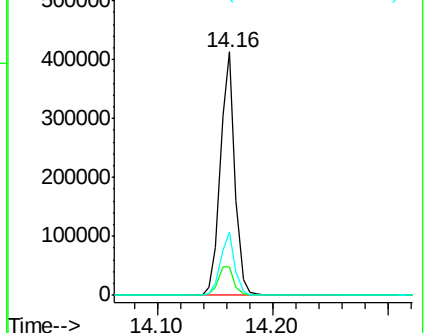
236 26.1 20.7 31.1



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: 43.464 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

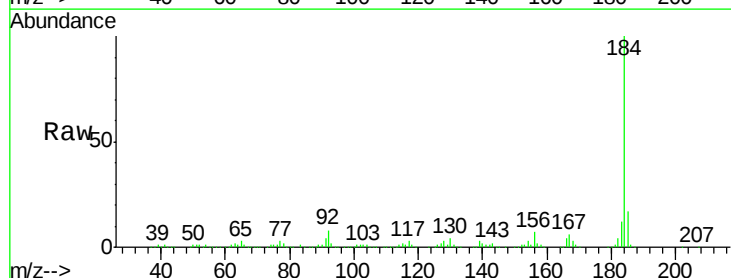
Tgt Ion:184 Resp: 665309

Ion Ratio Lower Upper

184 100

185 16.7 12.6 18.8

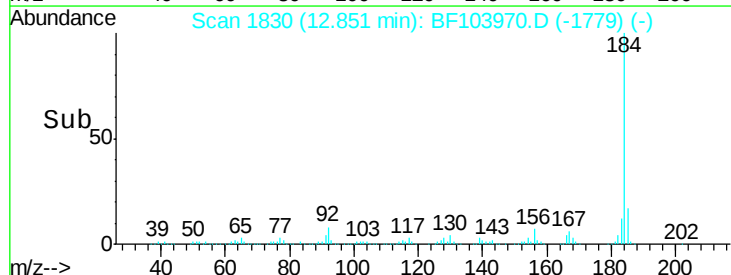
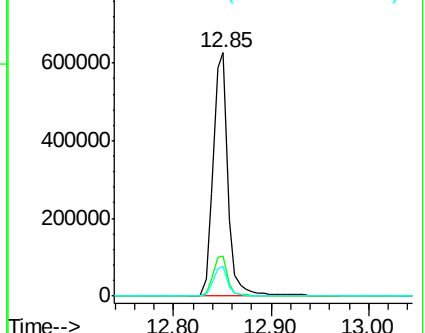
183 12.4 9.3 13.9

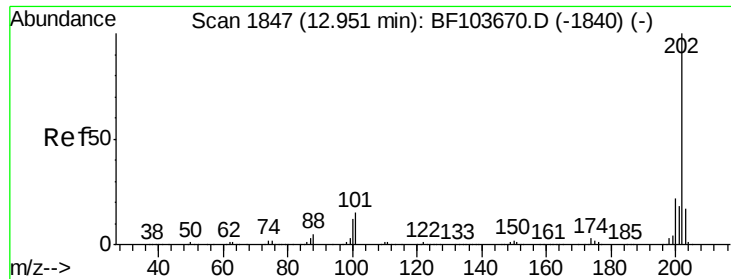


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

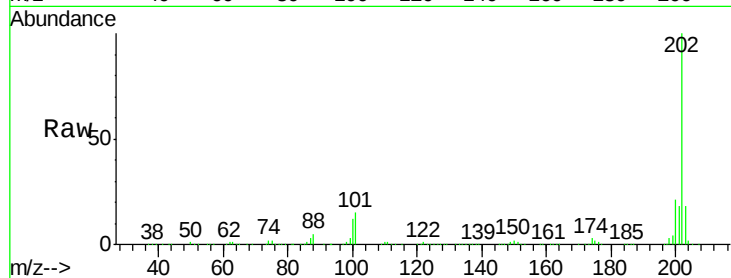




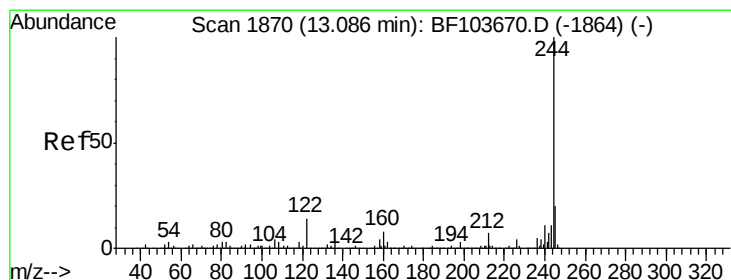
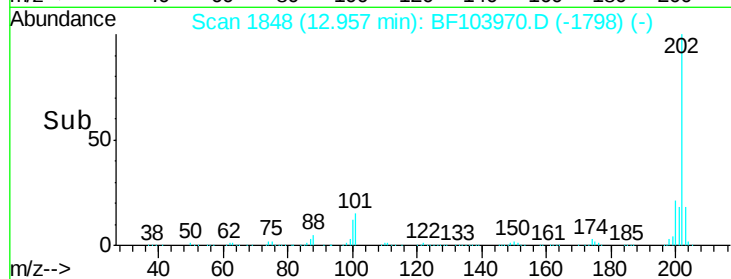
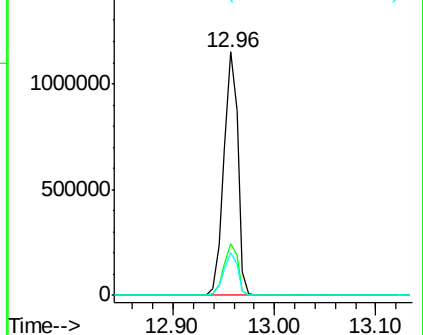
#77
Pvrene
Concen: 42.017 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1107468
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.6 14.3 21.5

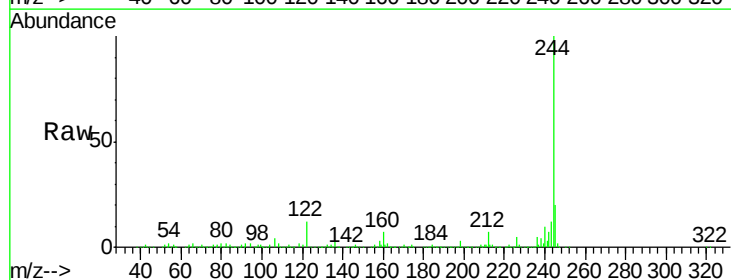


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

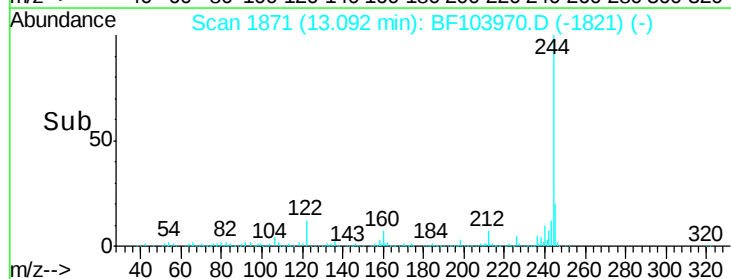
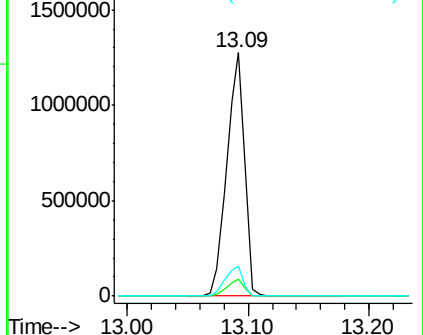


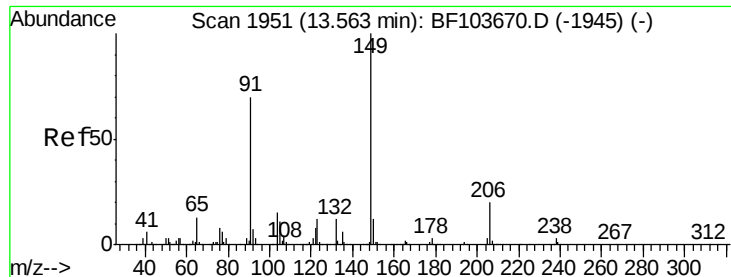
#78
Terphenyl-d14
Concen: 83.293 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion:244 Resp: 1287895
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.1 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

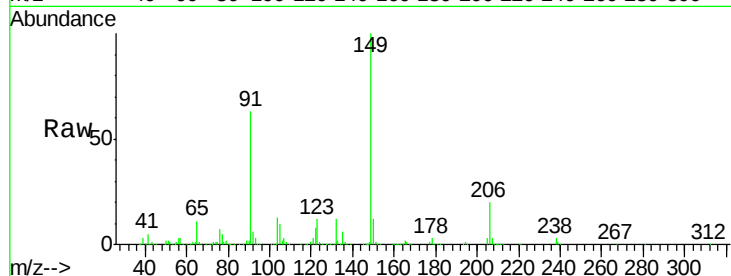




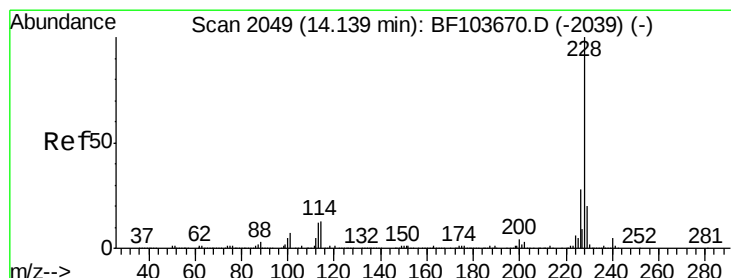
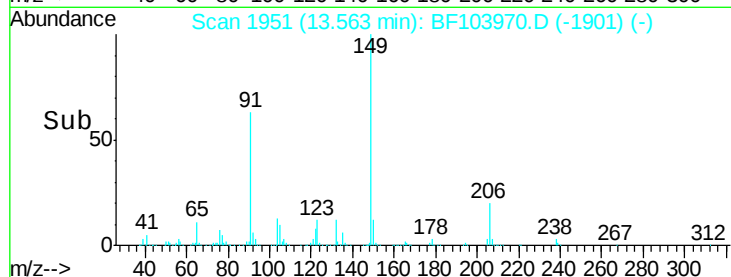
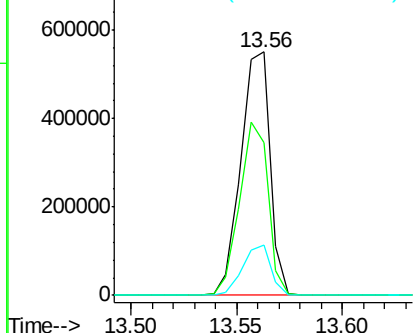
#79
Butylbenzylphthalate
Concen: 45.359 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.8	56.8	85.2
206	20.5	14.1	21.1

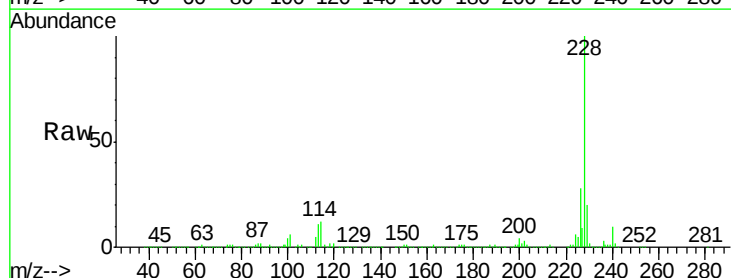


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

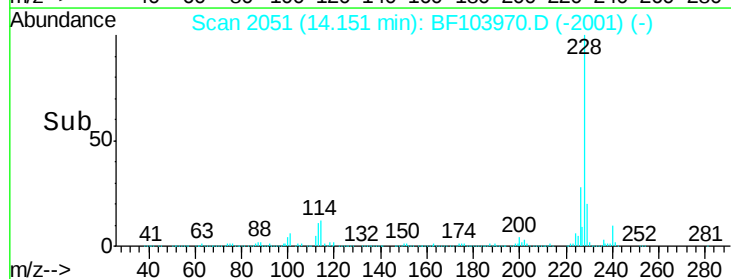
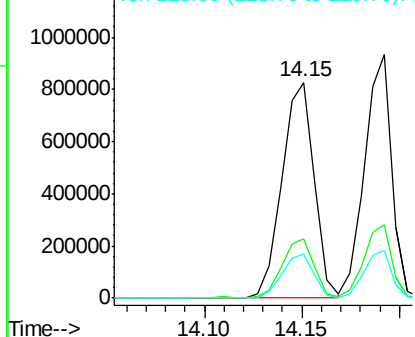


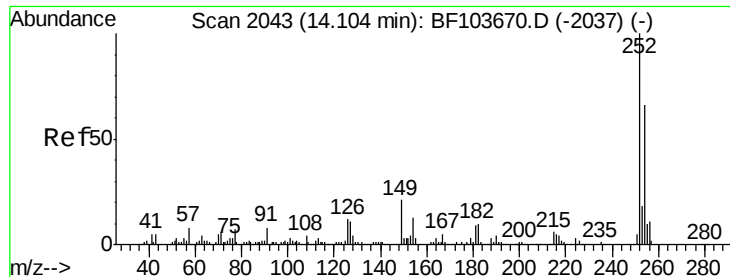
#80
Benzo(a)anthracene
Concen: 41.463 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.2	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

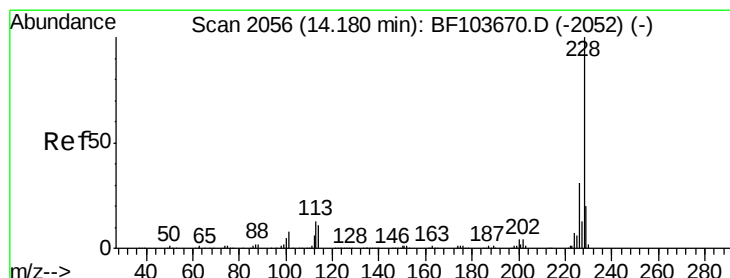
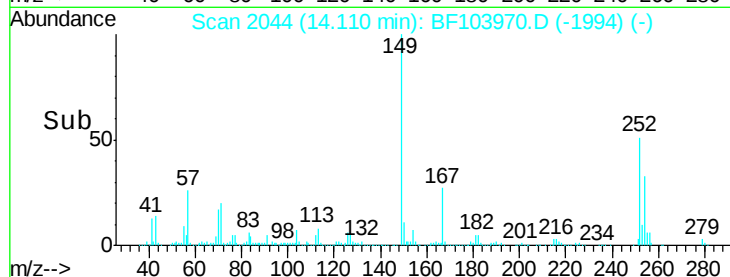
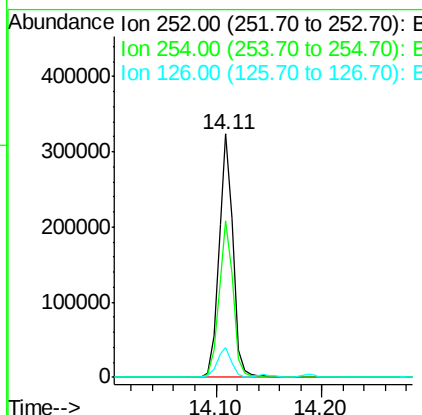
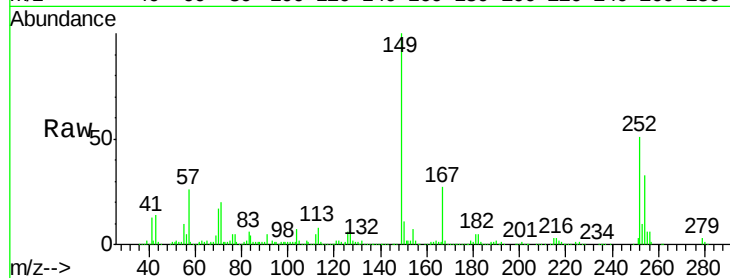




#81
 3,3'-Dichlorobenzidine
 Concen: 40.118 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

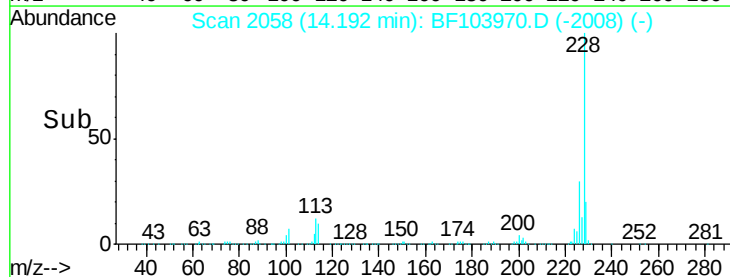
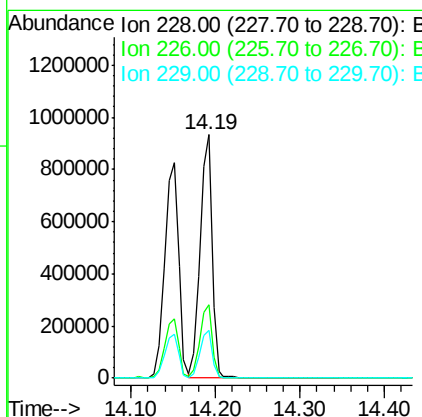
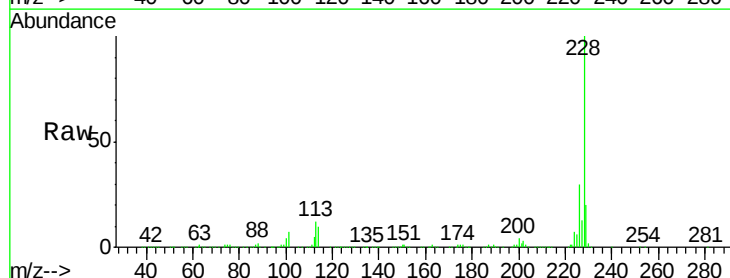
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 304862
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 12.5 11.3 16.9



#82
 Chrysene
 Concen: 41.812 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Tgt Ion:228 Resp: 905499
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 19.7 16.2 24.4

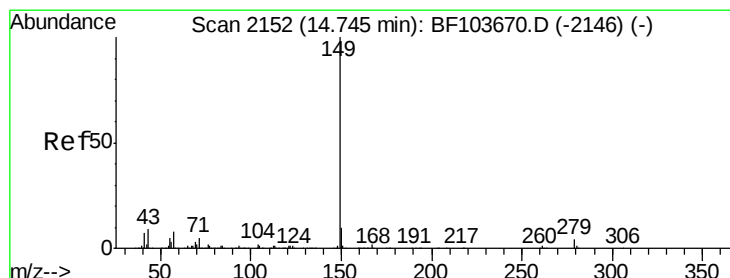
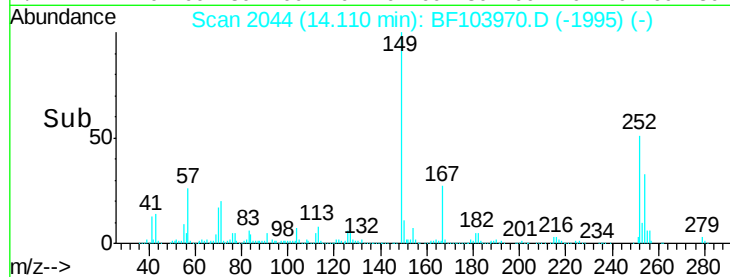
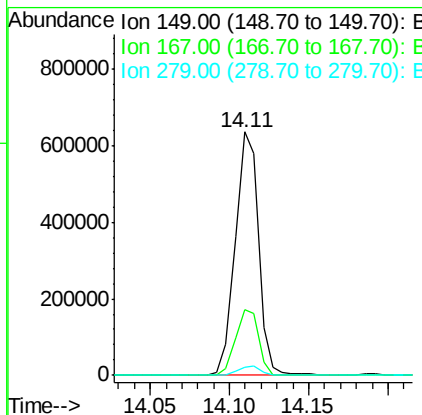
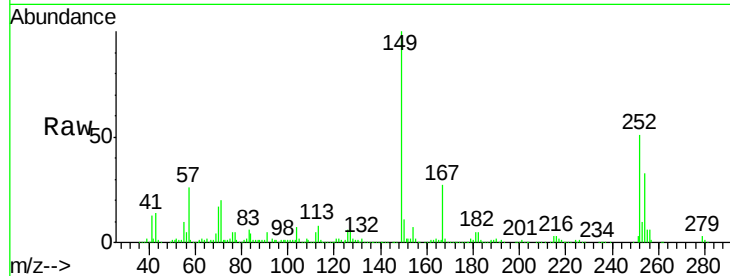




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.671 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

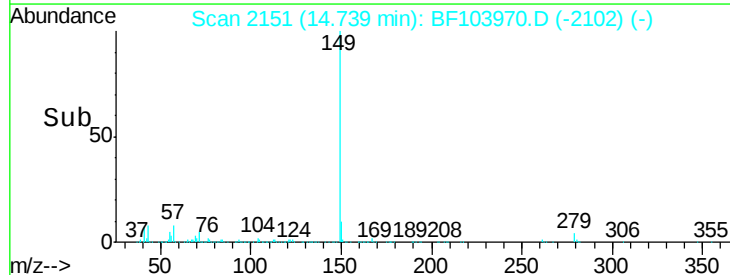
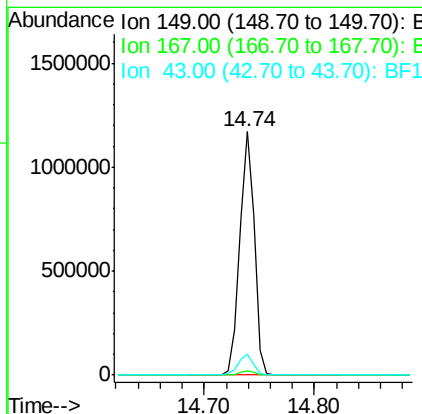
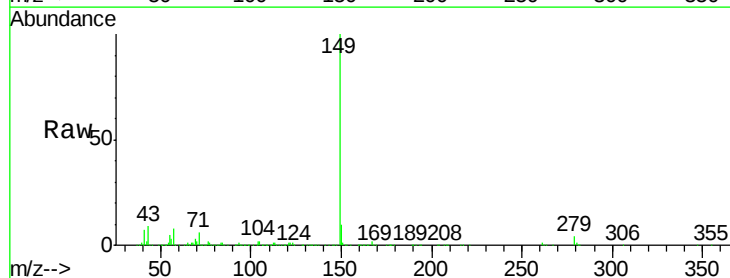
Instrument :
 BNA_F
 ClientSampleId :

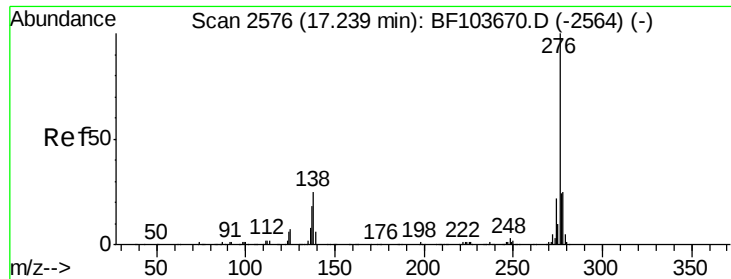
Tot Ion:149 Resp: 645125
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.5 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 44.715 ng
 RT: 14.74 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Tgt Ion:149 Resp: 1085232
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.2 8.4 12.6#

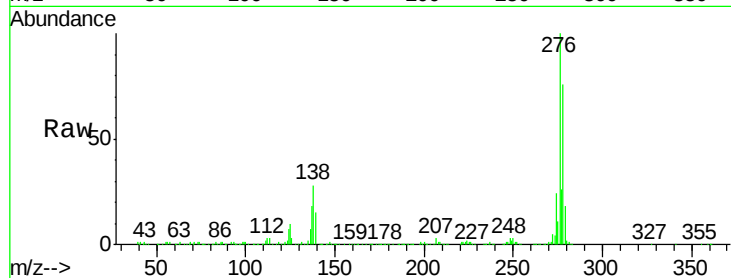




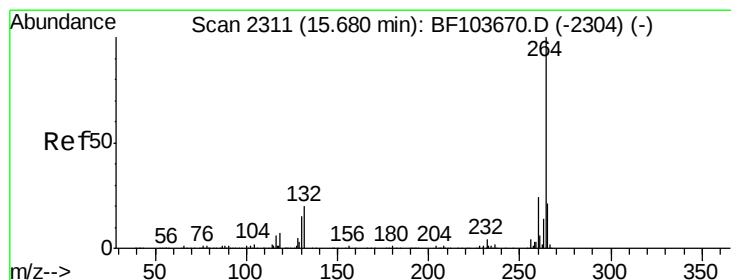
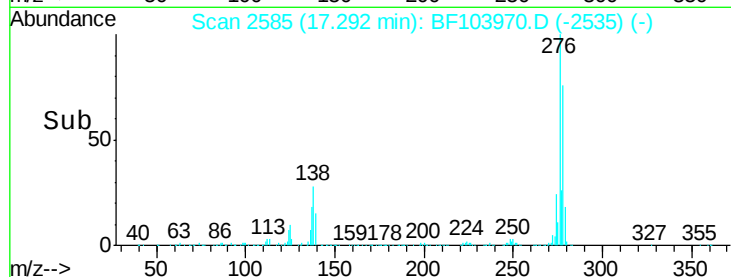
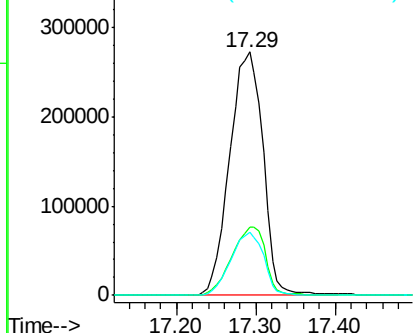
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.125 ng
 RT: 17.29 min Scan# 2585
 Delta R.T. -0.01 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	25.0	37.6
277	25.7	20.1	30.1

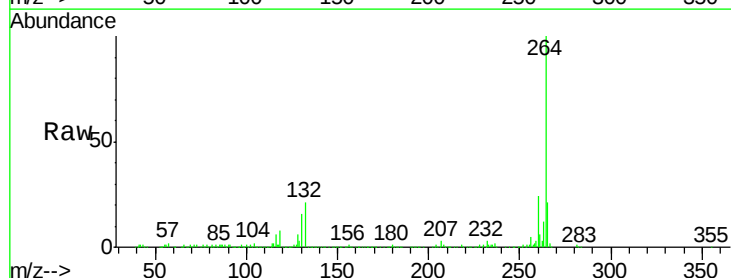


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

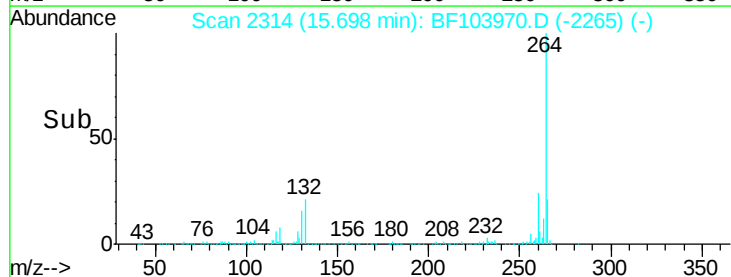
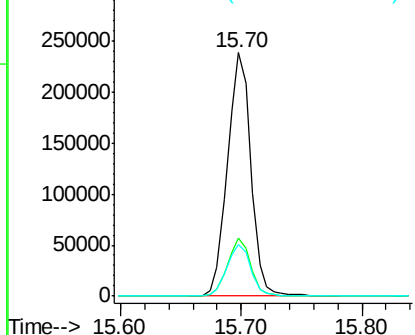


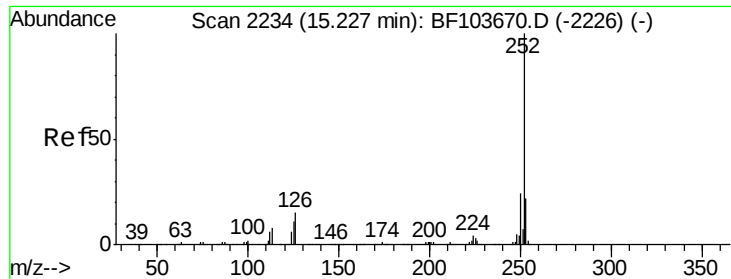
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BF103970.D
 Acq: 27 Mar 2018 15:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3



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

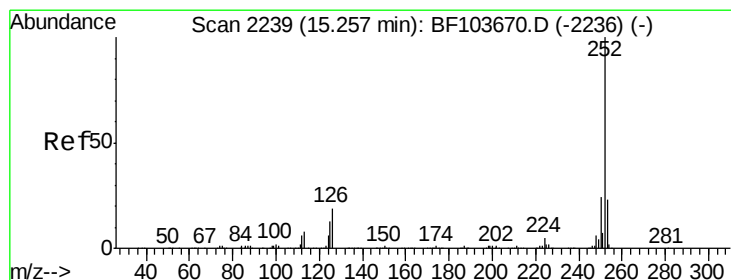
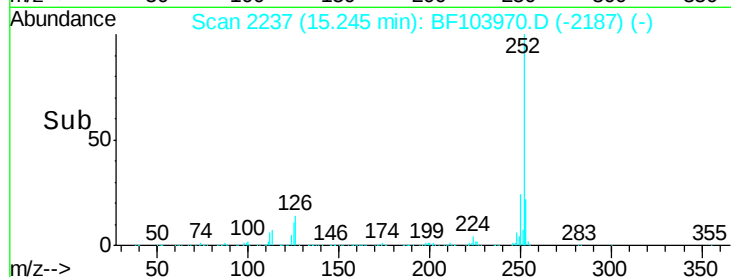
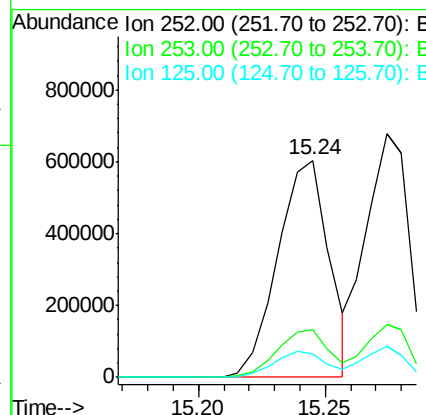
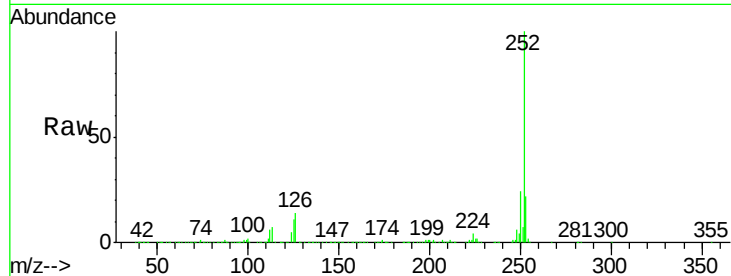




#87
Benzo(b)fluoranthene
Concen: 41.716 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

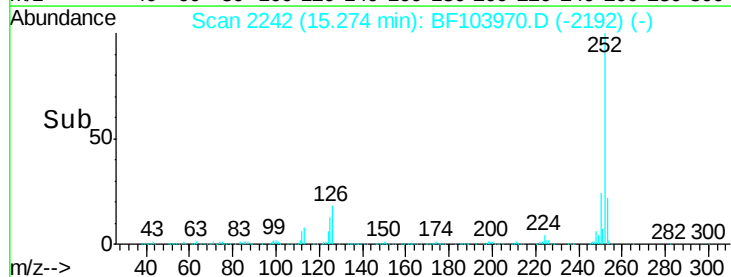
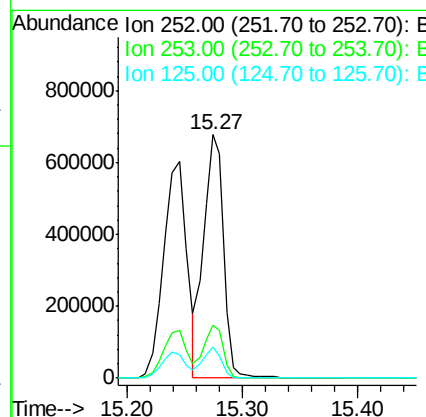
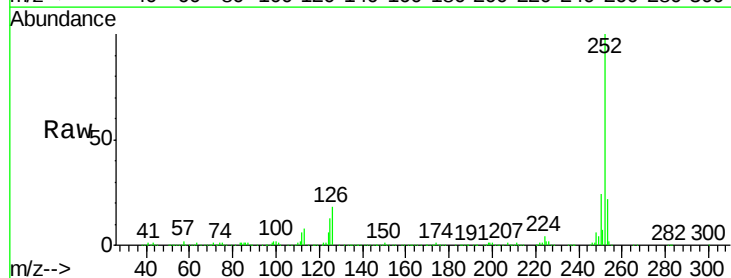
Instrument :
BNA_F
ClientSampleId :

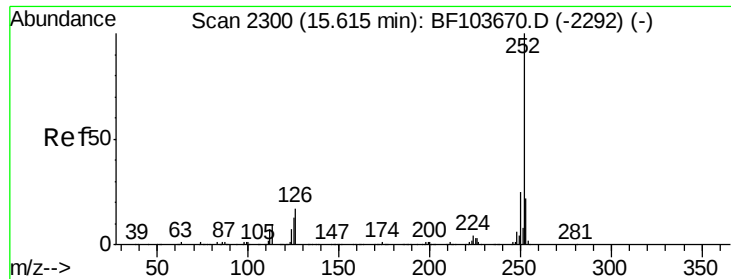
Tot Ion:252 Resp: 851144
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.628 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion:252 Resp: 816452
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.8 10.2 15.2

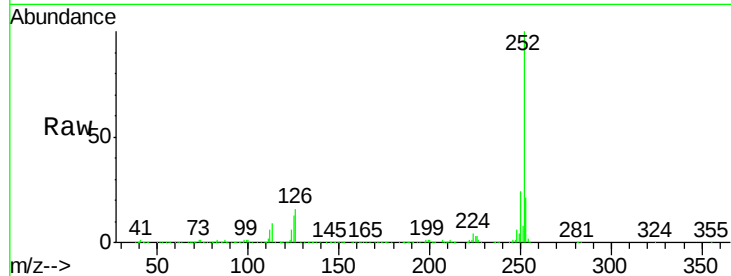




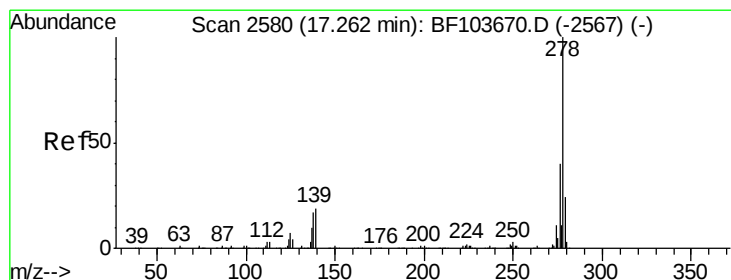
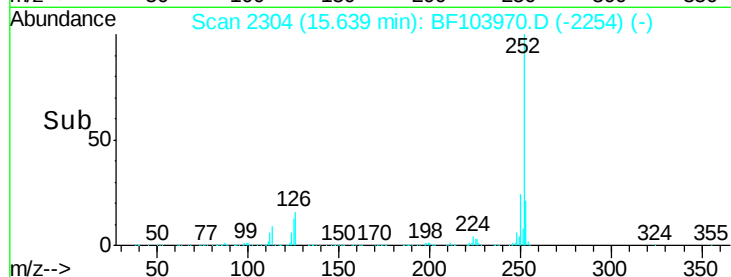
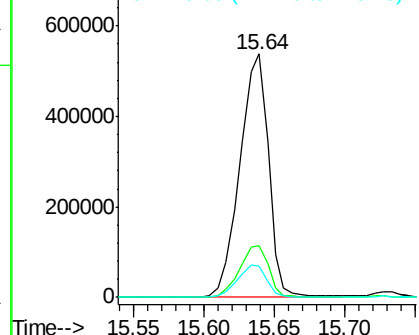
#89
Benzo(a)pyrene
Concen: 41.494 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 767882
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 12.8 9.8 14.6

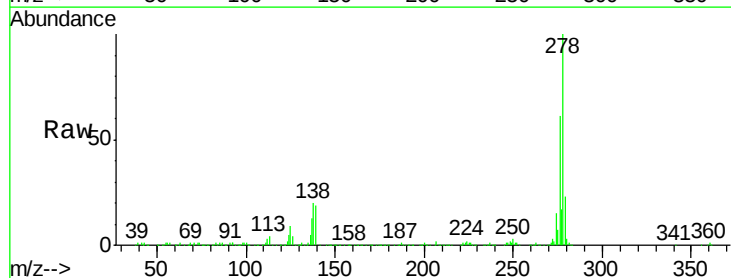


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

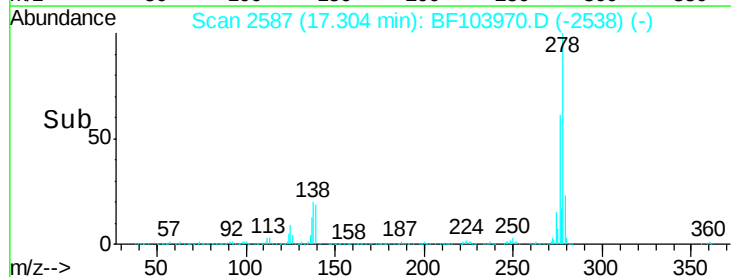
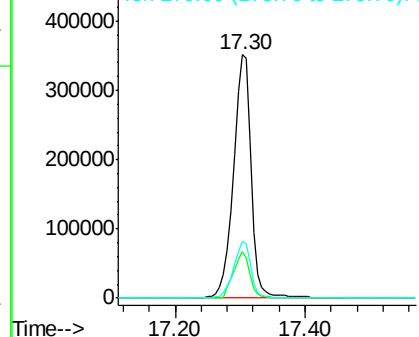


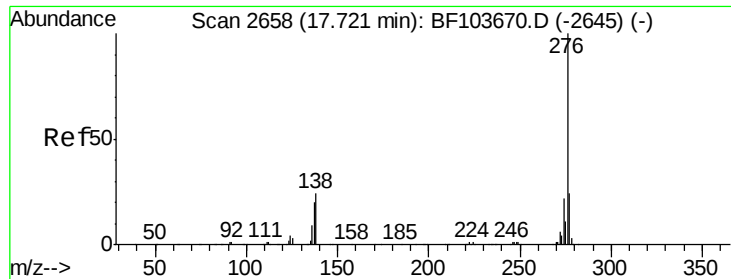
#90
Dibenzo(a,h)anthracene
Concen: 41.497 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BF103970.D
Acq: 27 Mar 2018 15:25

Tgt Ion:278 Resp: 664954
Ion Ratio Lower Upper
278 100
139 19.1 15.9 23.9
279 23.4 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 42.069 ng

RT: 17.77 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BF103970.D

Acq: 27 Mar 2018 15:25

Instrument :

BNA_F

ClientSampleId :

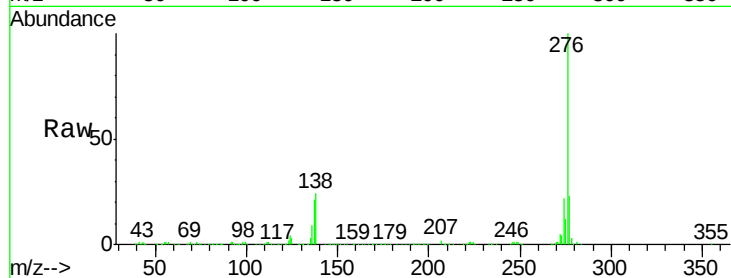
Tot Ion: 276 Resp: 655806

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 23.7 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

