

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103722.D
 Acq On : 17 Mar 2018 2:53
 Operator : JU/SJ
 Sample : J1915-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 19 06:58:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166568	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	649461	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	264081	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	379948	20.00	ng	0.00
75) Chrysene-d12	14.16	240	290718	20.00	ng	0.01
86) Perylene-d12	15.70	264	231590	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1245494	113.73	ng	0.02
7) Phenol-d6	6.60	99	1544293	115.26	ng	0.01
23) Nitrobenzene-d5	7.54	82	953856	102.42	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	265028	116.72	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1445809	87.33	ng	0.00
78) Terphenyl-d14	13.09	244	1040703	83.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	169850	31.498	ng	93
4) n-Nitrosodimethylamine	3.60	42	219347	40.109	ng	87
6) Aniline	6.63	93	72531	3.791	ng	99
8) 2-Chlorophenol	6.76	128	456178	39.764	ng	93
9) Benzaldehyde	6.52	77	211746	24.056	ng	98
10) Phenol	6.62	94	561724	39.455	ng	93
11) bis(2-Chloroethyl)ether	6.71	93	464365	39.511	ng	95
12) 1,3-Dichlorobenzene	6.92	146	478606	36.630	ng	100
13) 1,4-Dichlorobenzene	6.99	146	484342	36.889	ng	99
14) 1,2-Dichlorobenzene	7.15	146	443951	36.439	ng	99
15) Benzyl Alcohol	7.11	79	395280	38.077	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	623752	37.314	ng	94
17) 2-Methylphenol	7.22	107	368517	36.072	ng	99
18) Hexachloroethane	7.49	117	142394	30.832	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	309508	36.046	ng	92
20) 3+4-Methylphenols	7.37	107	455976	35.170	ng	95
22) Acetophenone	7.38	105	612175	36.676	ng	# 95
24) Nitrobenzene	7.56	77	480071	43.907	ng	100
25) Isophorone	7.79	82	880708	40.850	ng	99
26) 2-Nitrophenol	7.87	139	198309	47.736	ng	98
27) 2,4-Dimethylphenol	7.90	122	333748	36.136	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	565487	43.316	ng	99
29) 2,4-Dichlorophenol	8.11	162	352611	41.963	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	370376	38.003	ng	98
31) Naphthalene	8.28	128	1229842	37.487	ng	99
32) Benzoic acid	7.90	122	333748	50.550	ng	# 14
33) 4-Chloroaniline	8.33	127	163478	11.877	ng	96
34) Hexachlorobutadiene	8.39	225	200182	37.463	ng	97
35) Caprolactam	8.69	113	10496	3.628	ng	89
36) 4-Chloro-3-methylphenol	8.79	107	367866	39.712	ng	96
37) 2-Methylnaphthalene	8.97	142	786944	37.825	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	324030	43.009	ng	99
40) Hexachlorocyclopentadiene	9.12	237	50938	13.103	ng	96
42) 2,4,6-Trichlorophenol	9.24	196	219862	45.625	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103722.D
 Acq On : 17 Mar 2018 2:53
 Operator : JU/SJ
 Sample : J1915-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 19 06:58:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

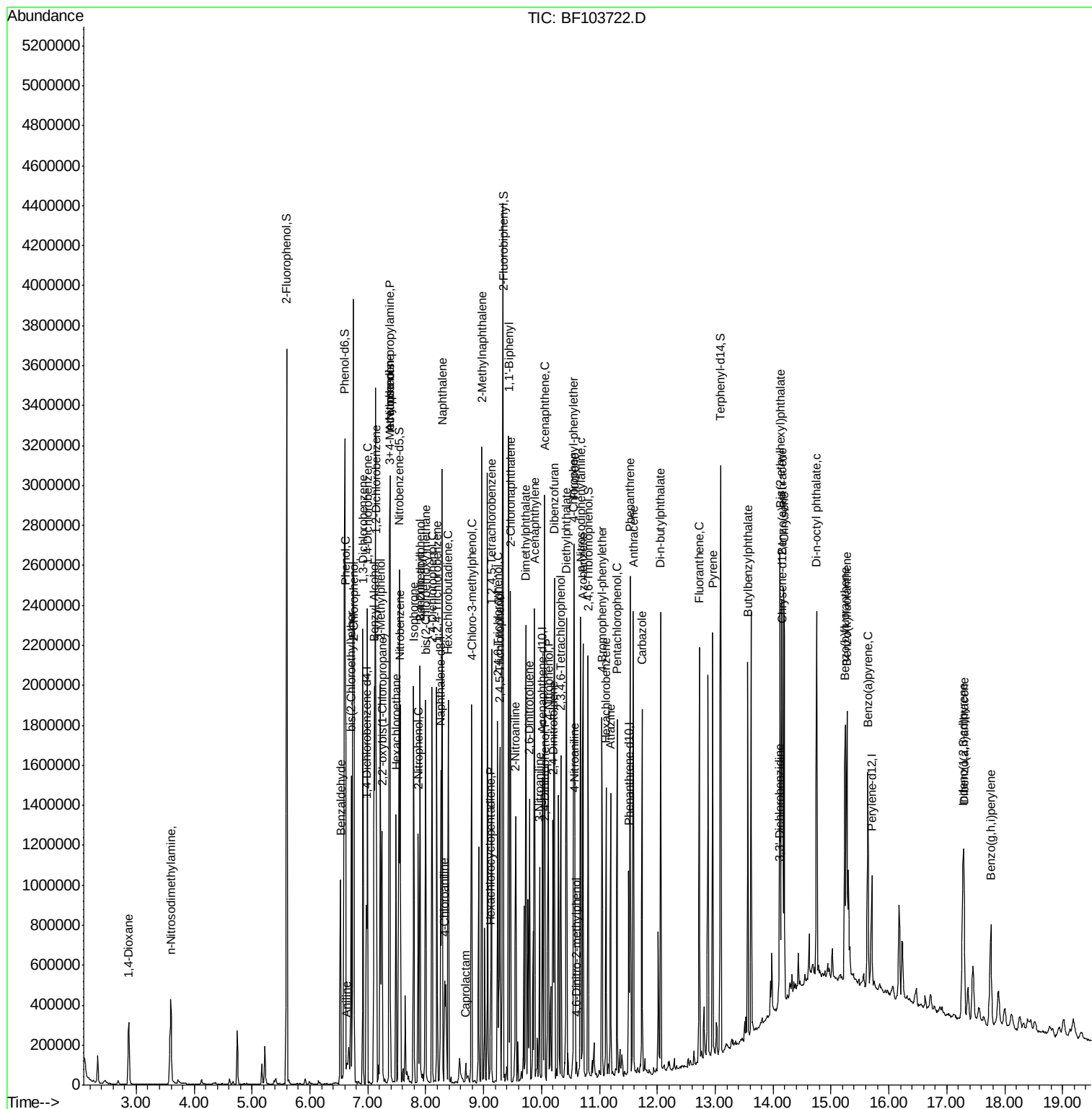
43) 2,4,5-Trichlorophenol	9.28	196	232447	42.737	nq	96
45) 1,1'-Biphenyl	9.43	154	893571	40.579	nq	100
46) 2-Chloronaphthalene	9.46	162	703560	40.226	nq	98
47) 2-Nitroaniline	9.55	65	231861	50.296	nq	96
48) Acenaphthylene	9.88	152	1015621	37.447	nq	99
49) Dimethylphthalate	9.73	163	988435	49.059	nq	99
50) 2,6-Dinitrotoluene	9.79	165	167052	43.287	nq	95
51) Acenaphthene	10.05	154	601573	37.356	nq	99
52) 3-Nitroaniline	9.96	138	153611	34.086	nq	99
53) 2,4-Dinitrophenol	10.06	184	2982	11.787	nq	# 1
54) Dibenzofuran	10.22	168	895937	38.954	nq	99
55) 4-Nitrophenol	10.12	139	256785	70.258	nq	99
56) 2,4-Dinitrotoluene	10.20	165	198100	41.139	nq	97
57) Fluorene	10.56	166	661757	37.079	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	163972	42.546	nq	97
59) Diethylphthalate	10.43	149	805113	40.261	nq	99
60) 4-Chlorophenyl-phenylether	10.55	204	325309	39.883	nq	99
61) 4-Nitroaniline	10.58	138	161298	36.825	nq	100
62) Azobenzene	10.72	77	742417	36.517	nq	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	6912	13.375	nq	97
65) n-Nitrosodiphenylamine	10.67	169	584021	45.158	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	180960	46.387	nq	95
67) Hexachlorobenzene	11.12	284	184144	41.358	nq	# 90
68) Atrazine	11.20	200	174573	43.636	nq	99
69) Pentachlorophenol	11.30	266	170679	66.677	nq	97
70) Phenanthrene	11.53	178	835462	40.197	nq	99
71) Anthracene	11.59	178	854001	40.456	nq	99
72) Carbazole	11.74	167	761318	37.106	nq	99
73) Di-n-butylphthalate	12.06	149	1086792	44.145	nq	100
74) Fluoranthene	12.73	202	817895	38.197	nq	97
77) Pyrene	12.96	202	830957	38.920	nq	100
79) Butylbenzylphthalate	13.56	149	419806	44.380	nq	95
80) Benzo(a)anthracene	14.15	228	763831	41.507	nq	100
81) 3,3'-Dichlorobenzidine	14.10	252	67861	11.024	nq	96
82) Chrysene	14.19	228	703428	40.099	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	621381	45.983	nq	# 99
84) Di-n-octyl phthalate	14.75	149	968122	49.245	nq	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	532011	34.728	nq	98
87) Benzo(b)fluoranthene	15.24	252	641479	43.843	nq	98
88) Benzo(k)fluoranthene	15.27	252	620171	44.094	nq	99
89) Benzo(a)pyrene	15.64	252	562526	42.389	nq	98
90) Dibenzo(a,h)anthracene	17.30	278	447120	38.910	nq	98
91) Benzo(g,h,i)perylene	17.76	276	435253	38.935	nq	97

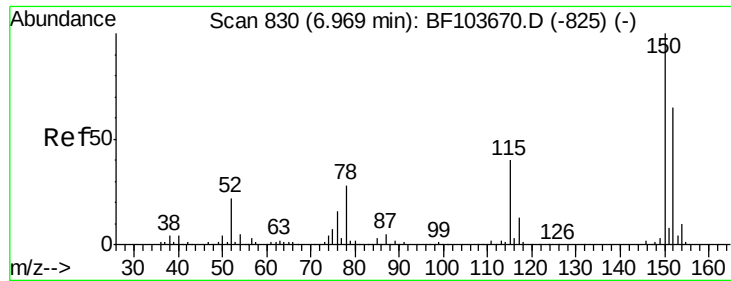
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103722.D
Acq On : 17 Mar 2018 2:53
Operator : JU/SJ
Sample : J1915-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Mar 19 06:58:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



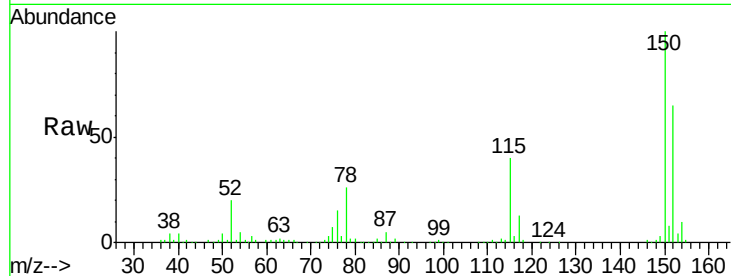


#1

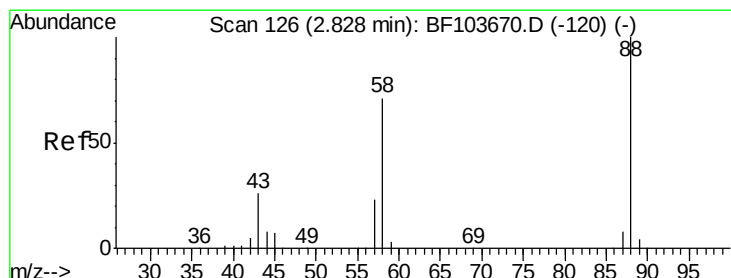
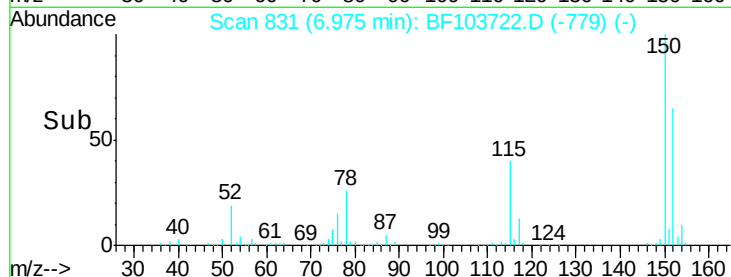
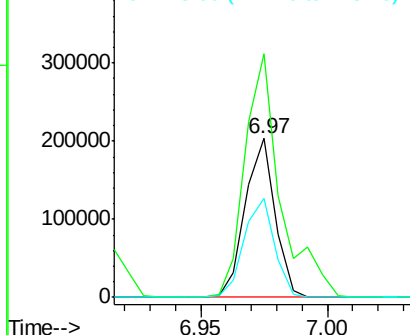
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166568
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 62.0 50.1 75.1



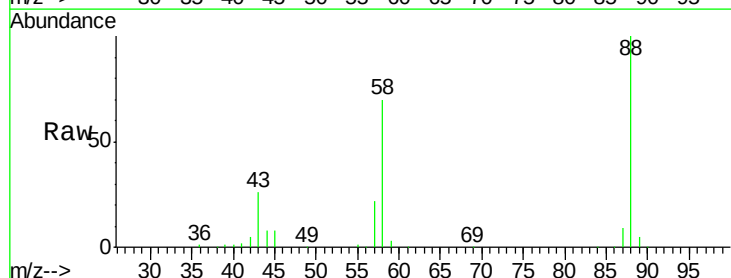
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



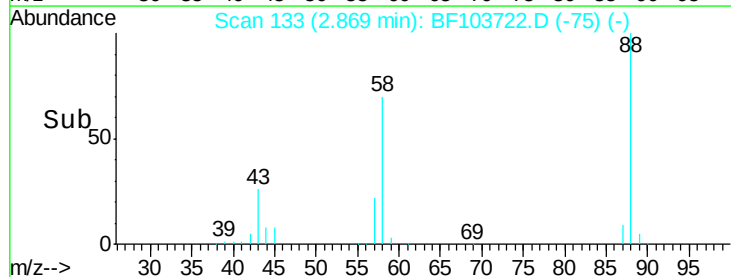
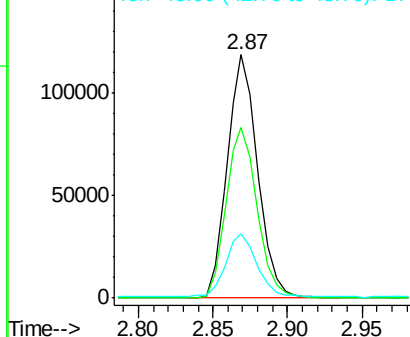
#2

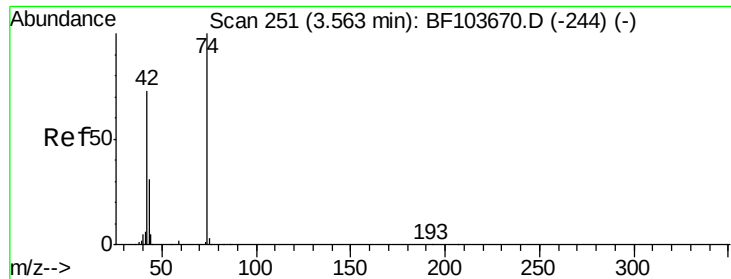
1,4-Dioxane
Concen: 31.498 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.04 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion: 88 Resp: 169850
Ion Ratio Lower Upper
88 100
58 71.5 62.6 93.8
43 27.2 24.6 37.0



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



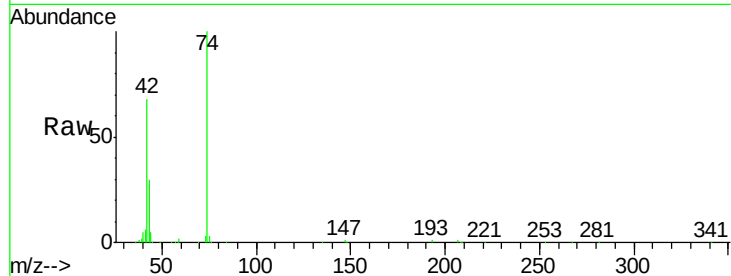


#4

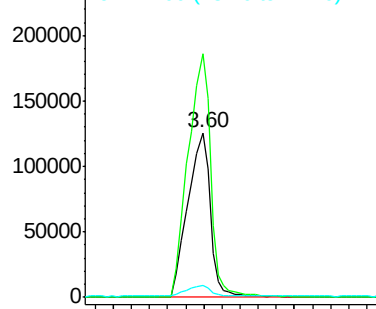
n-Nitrosodimethylamine
 Concen: 40.109 ng
 RT: 3.60 min Scan# 257
 Delta R.T. 0.04 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Instrument :
 BNA_F
 ClientSampleId :

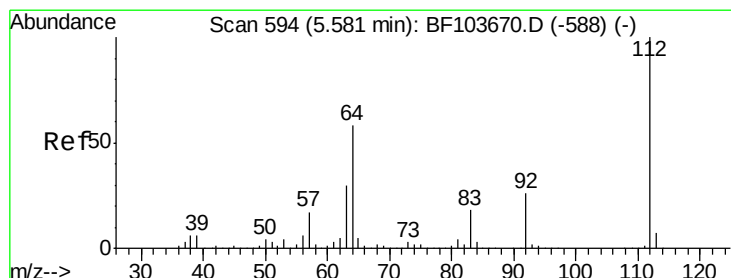
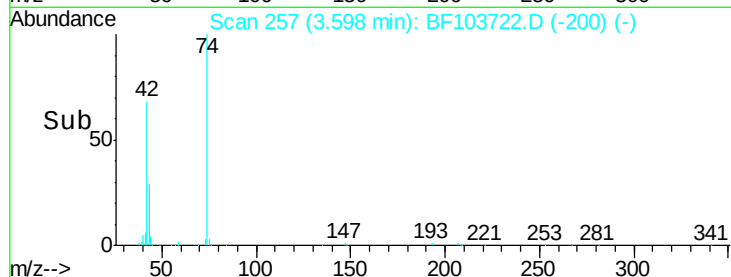
Tot Ion	Ratio	Lower	Upper
42	100		
74	147.7	104.9	157.3
44	7.3	6.9	10.3



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



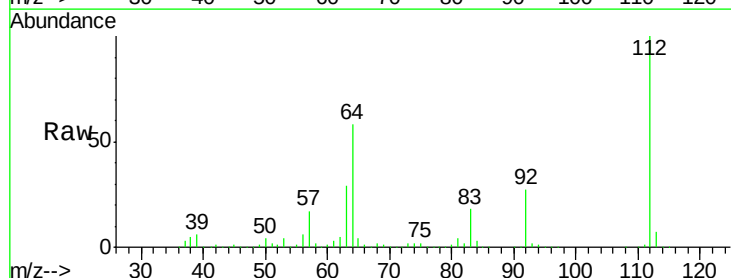
Time-->



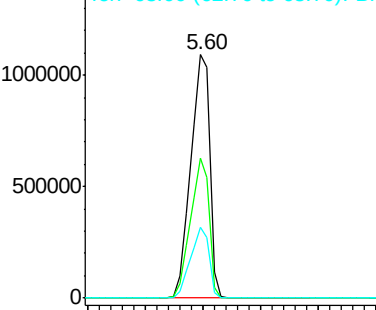
#5

2-Fluorophenol
 Concen: 113.731 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.02 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

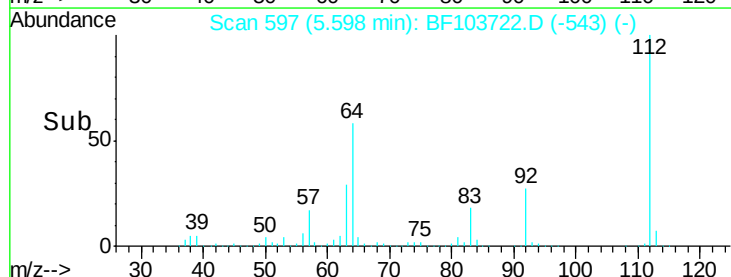
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.0	23.7	35.5

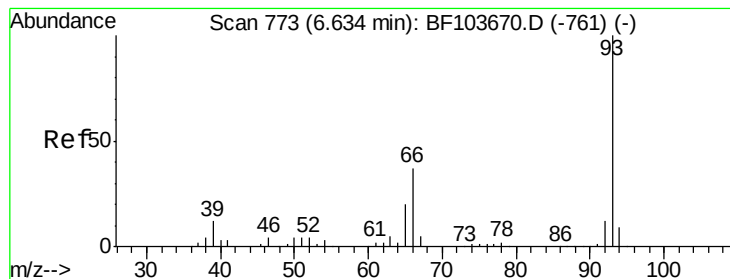


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1



Time-->





#6

Aniline

Concen: 3.791 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

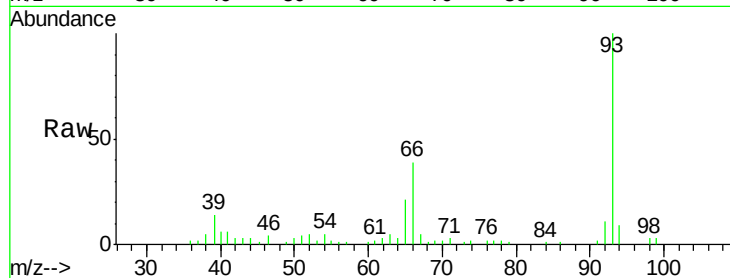
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 72531

Ion	Ratio	Lower	Upper
93	100		
66	39.2	32.2	48.2
65	20.7	16.4	24.6

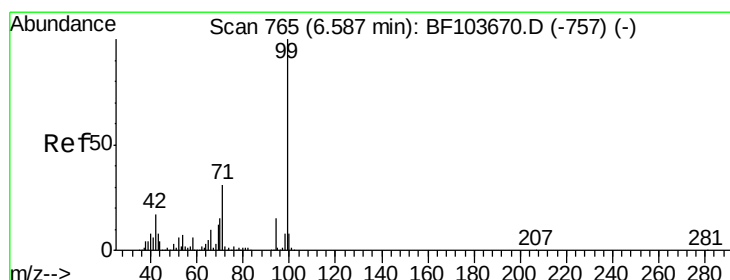
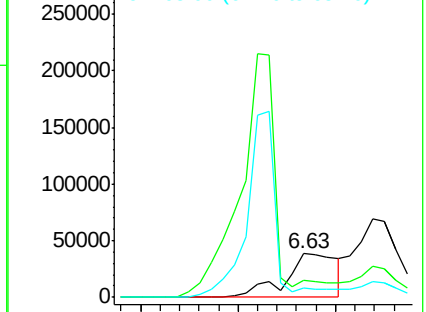
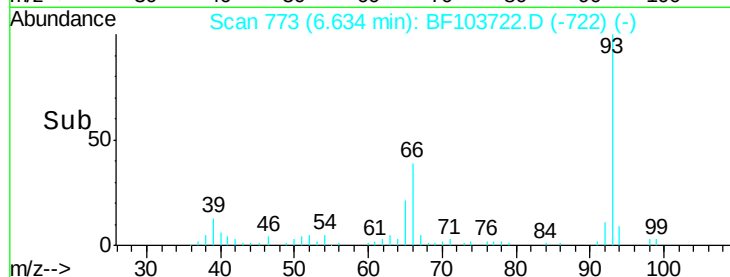


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 115.262 ng

RT: 6.60 min Scan# 767

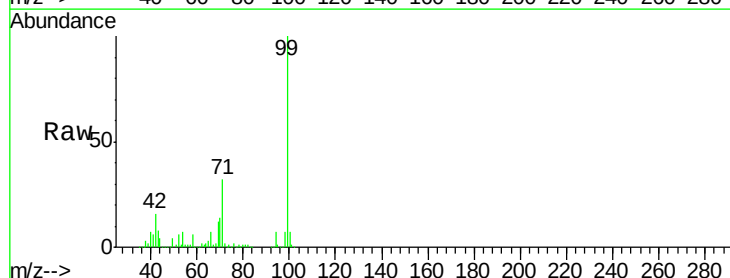
Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Tgt Ion: 99 Resp: 1544293

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	32.0	25.4	38.0

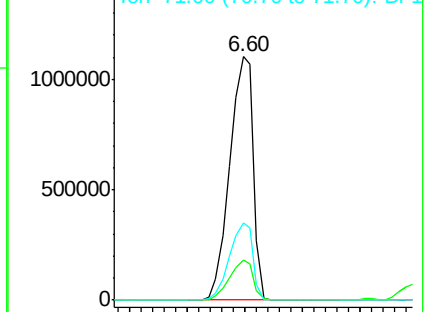
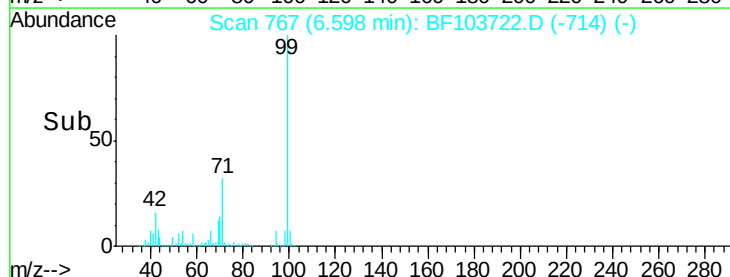


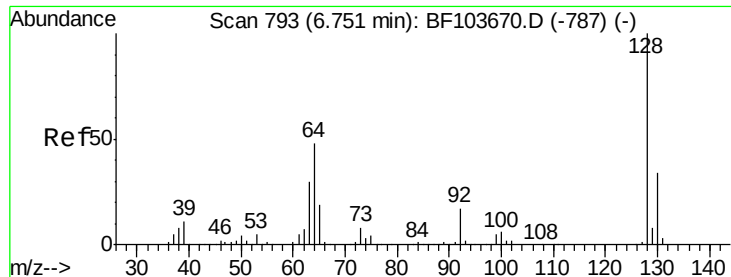
Abundance

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: 39.764 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA_F

ClientSampleId :

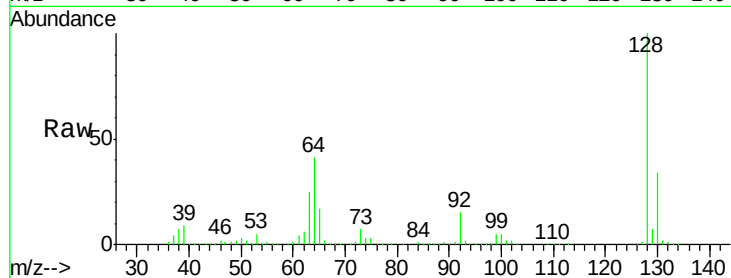
Tot Ion:128 Resp: 456178

Ion Ratio Lower Upper

128 100

130 33.8 13.0 53.0

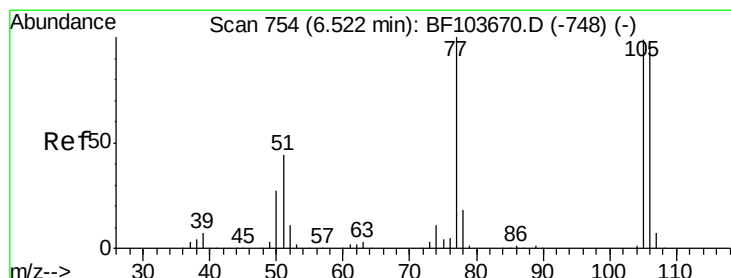
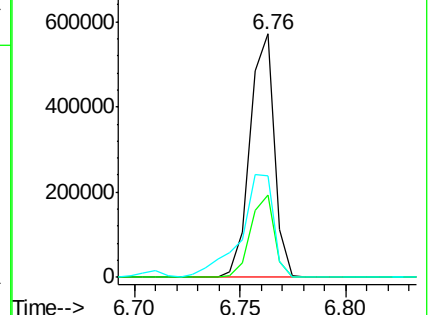
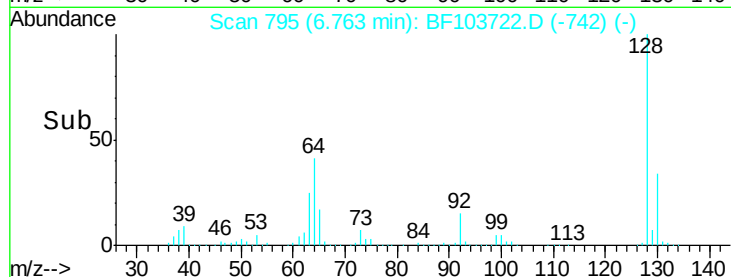
64 41.5 29.4 69.4



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: 24.056 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

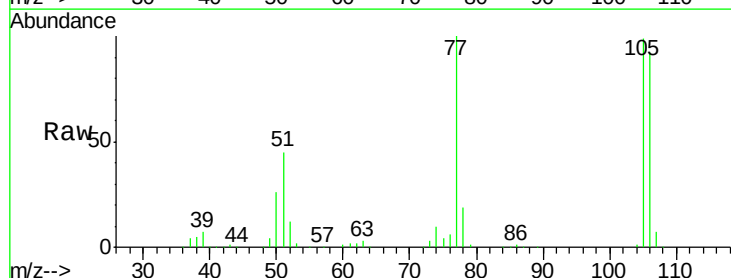
Tgt Ion: 77 Resp: 211746

Ion Ratio Lower Upper

77 100

105 98.7 81.1 121.1

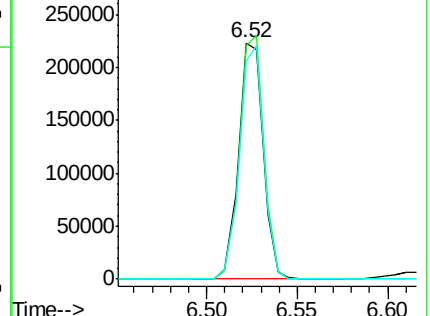
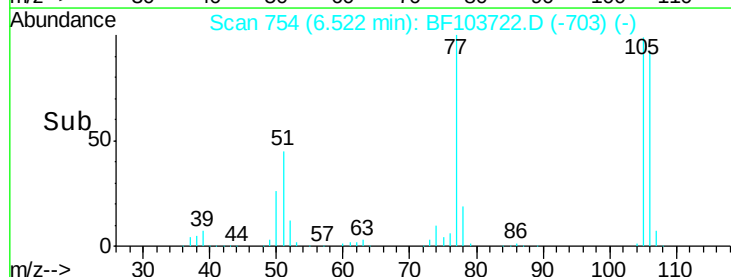
106 92.3 74.5 114.5

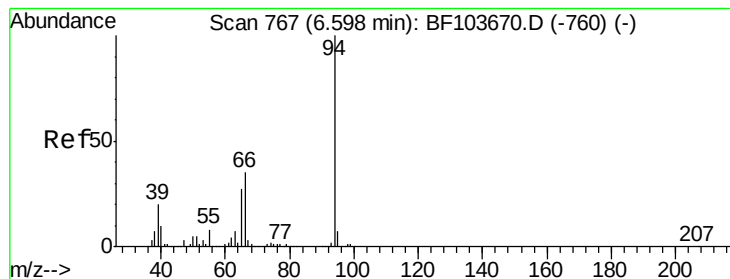


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 39.455 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.02 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA_F

ClientSampled :

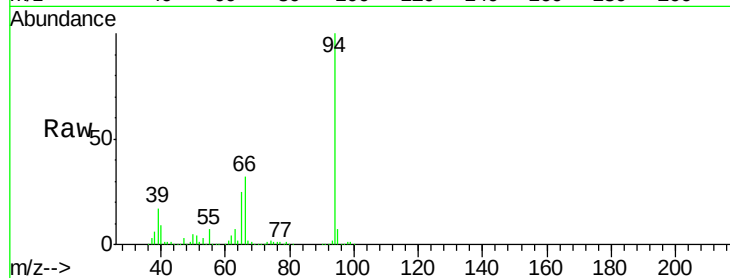
Tot Ion: 94 Resp: 561724

Ion Ratio Lower Upper

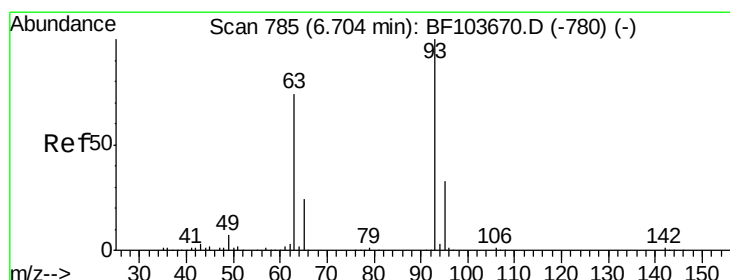
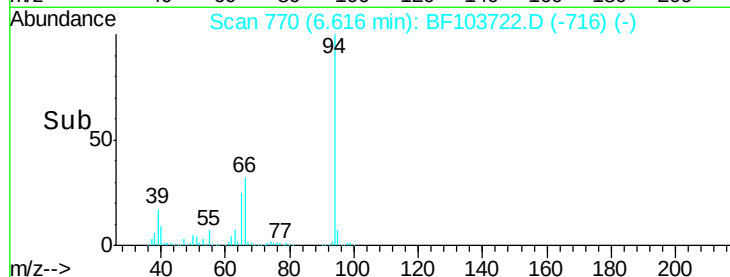
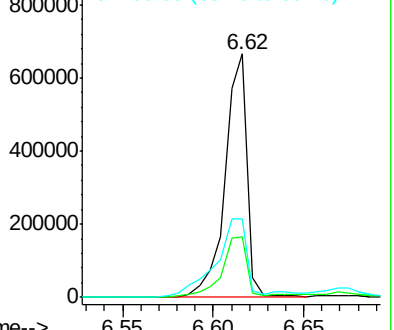
94 100

65 24.7 7.9 47.9

66 32.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 39.511 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

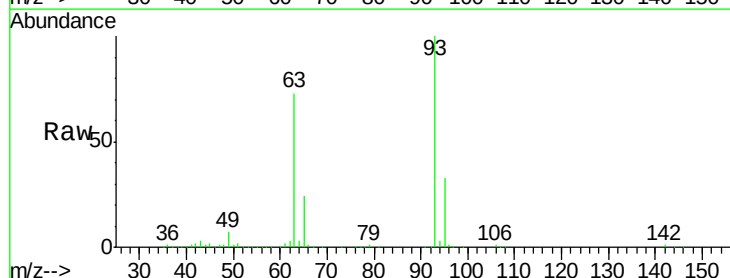
Tgt Ion: 93 Resp: 464365

Ion Ratio Lower Upper

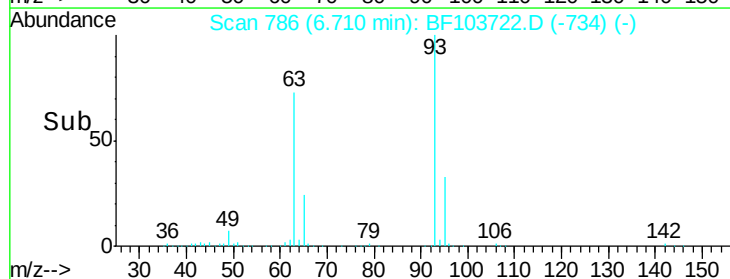
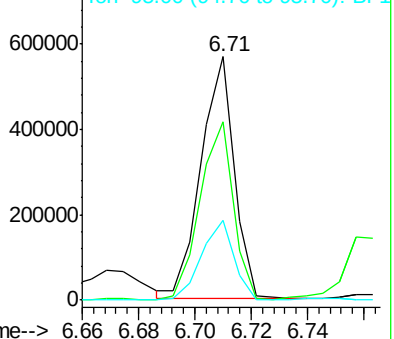
93 100

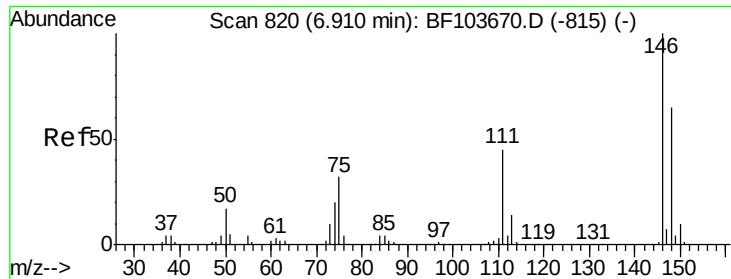
63 73.2 58.6 98.6

95 32.7 11.8 51.8



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

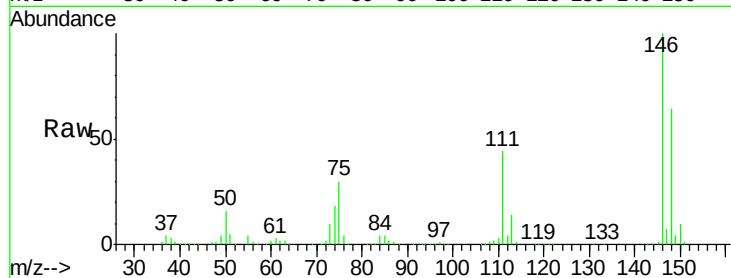




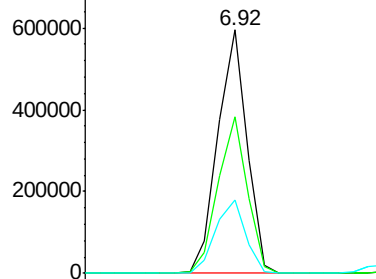
#12
 1,3-Dichlorobenzene
 Concen: 36.630 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Instrument :
 BNA_F
 ClientSampleId :

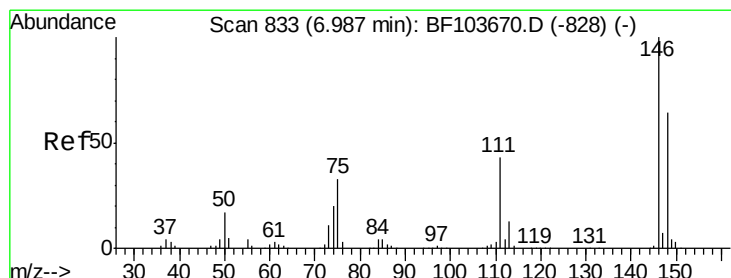
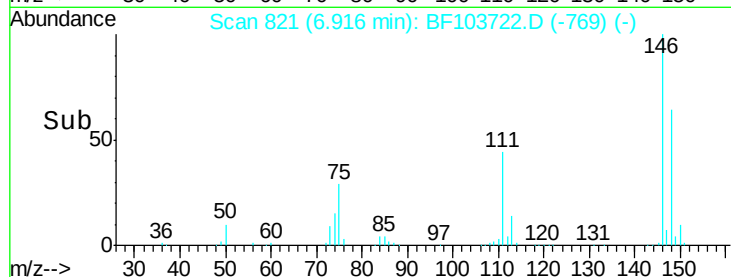
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	30.3	24.2	36.4



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

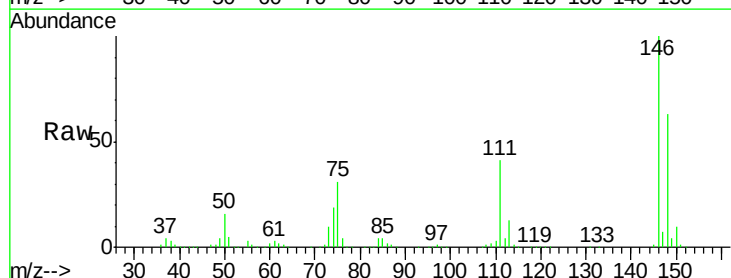


Time-->

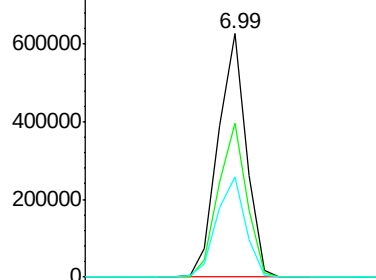


#13
 1,4-Dichlorobenzene
 Concen: 36.889 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

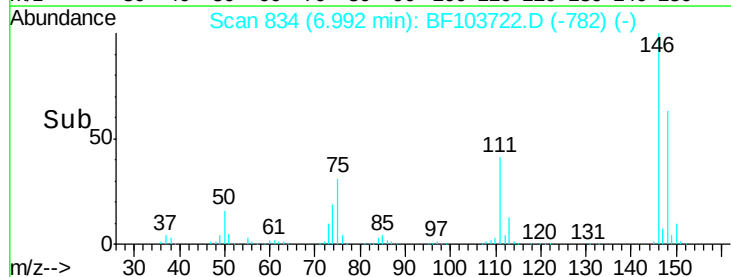
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	41.3	34.2	51.2

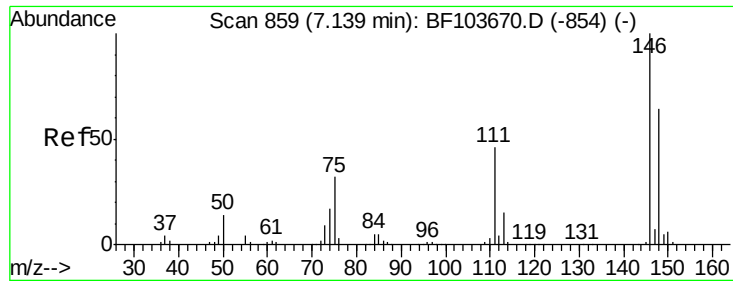


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



Time-->

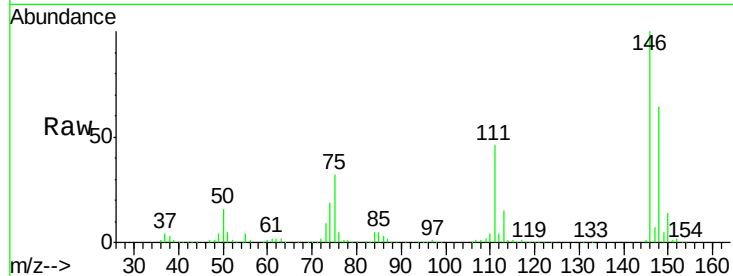




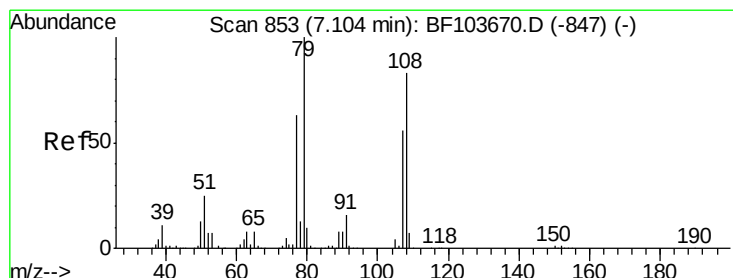
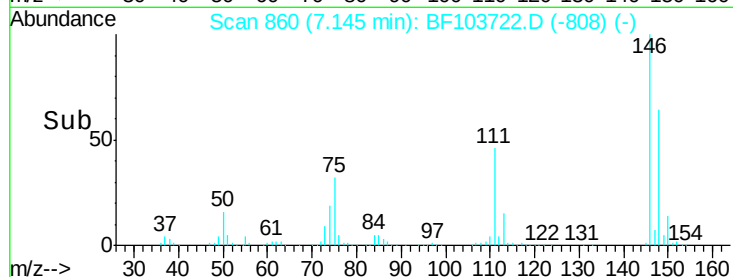
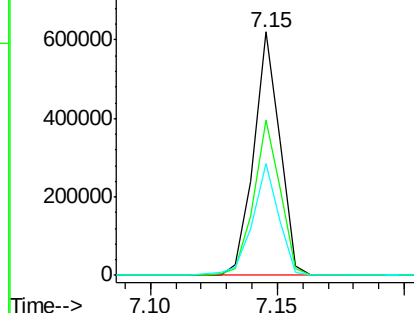
#14
 1,2-Dichlorobenzene
 Concen: 36.439 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 443951
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 46.0 36.0 54.0

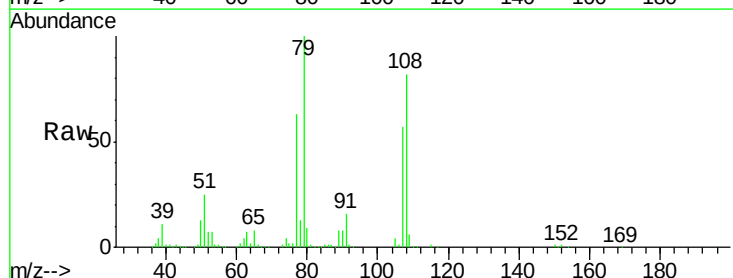


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

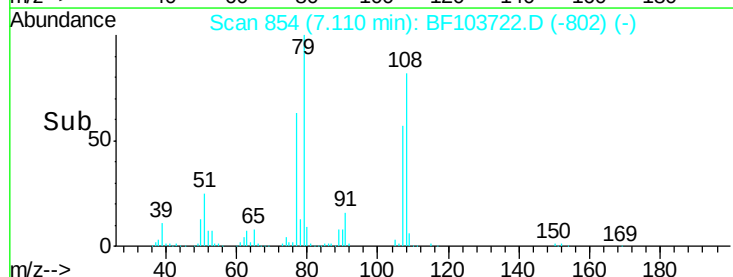
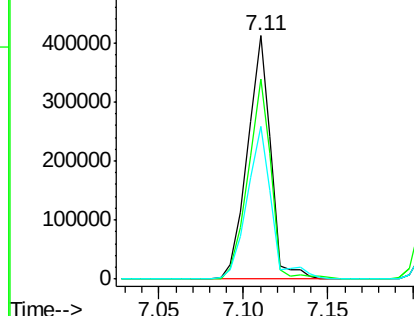


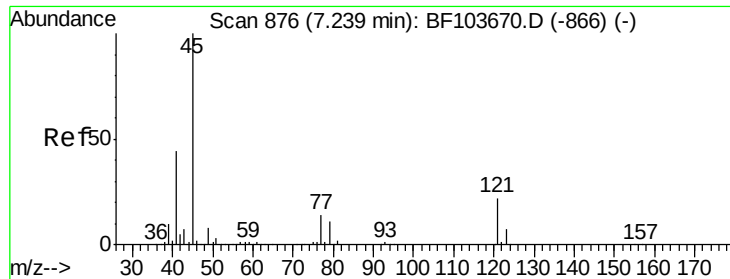
#15
 Benzyl Alcohol
 Concen: 38.077 ng
 RT: 7.11 min Scan# 854
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Tgt Ion: 79 Resp: 395280
 Ion Ratio Lower Upper
 79 100
 108 82.3 65.1 97.7
 77 62.9 50.6 75.8



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

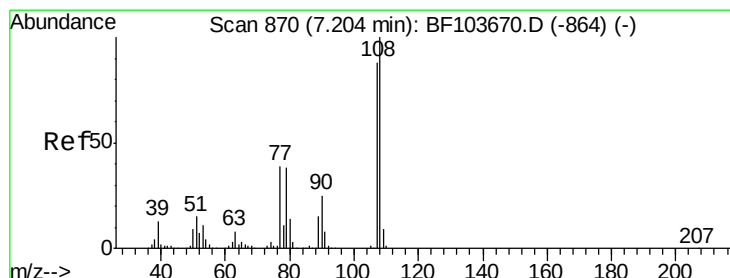
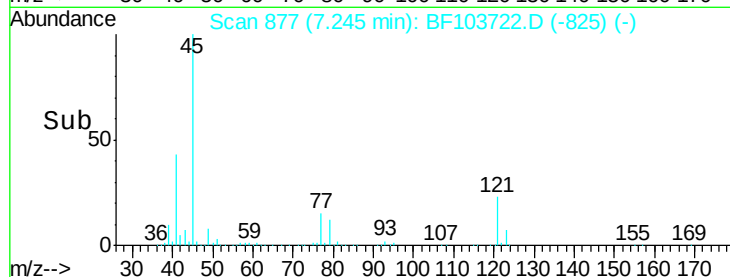
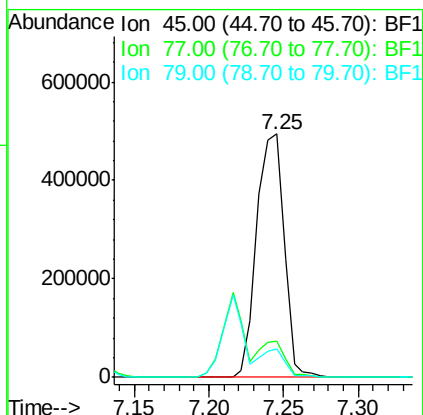
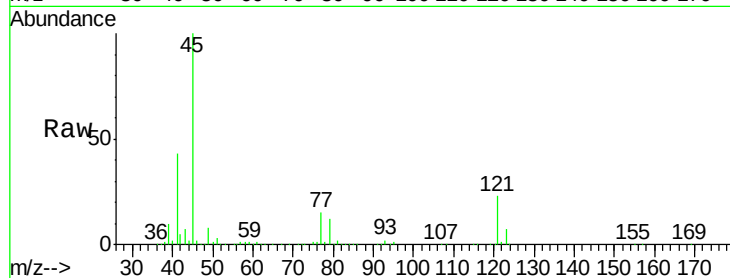




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 37.314 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

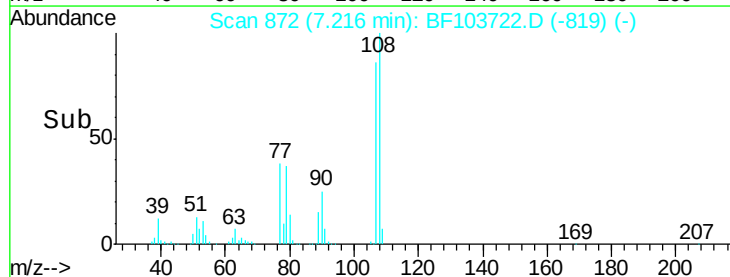
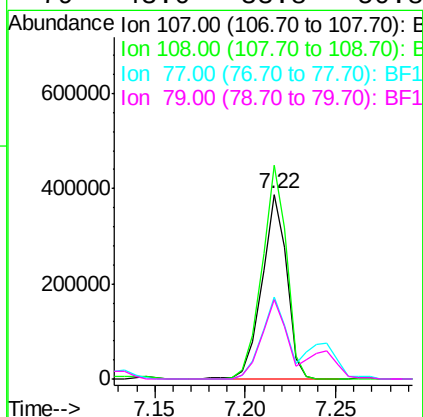
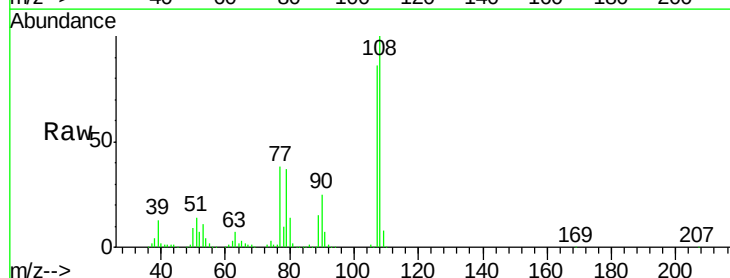
Instrument :
BNA_F
ClientSampleId :

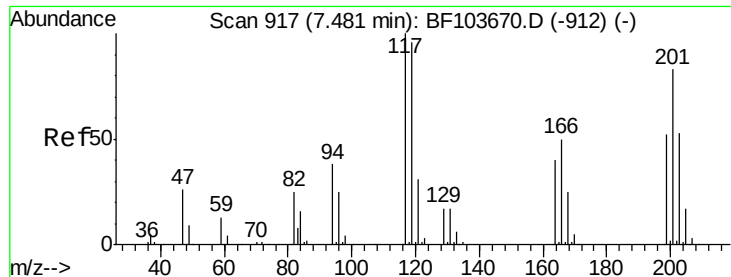
Tot Ion	45	Resp	623752
Ion Ratio	100	Lower	Upper
77	15.1	0.0	32.9
79	11.7	0.0	29.6



#17
2-Methylphenol
Concen: 36.072 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion	107	Resp	368517
Ion Ratio	100	Lower	Upper
108	115.8	91.7	137.5
77	44.2	33.8	50.8
79	43.0	33.8	50.8

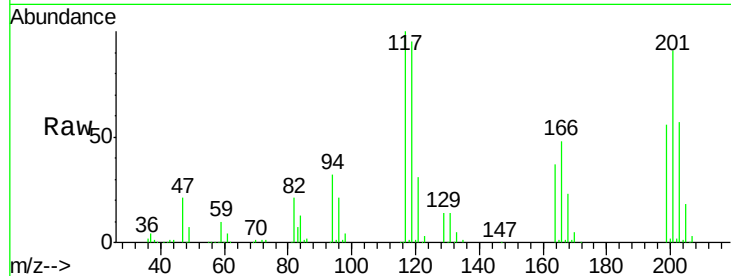




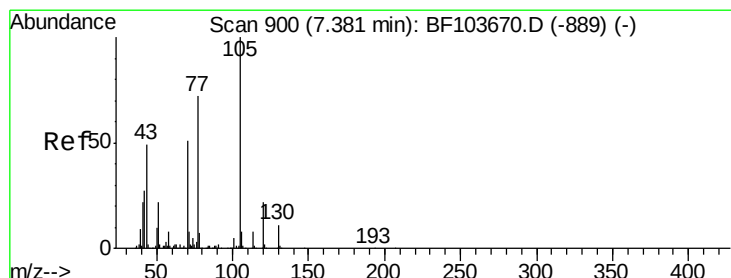
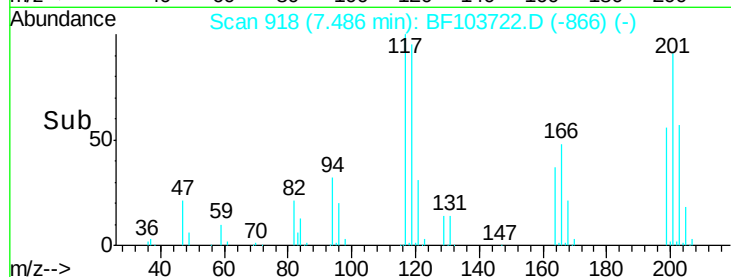
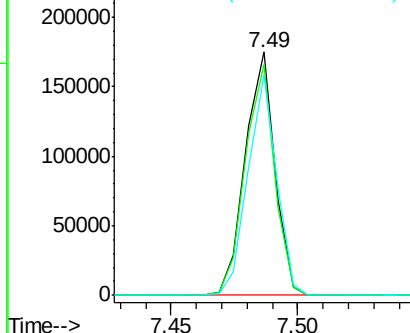
#18
Hexachloroethane
Concen: 30.832 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 142394
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
201 90.8 75.7 113.5

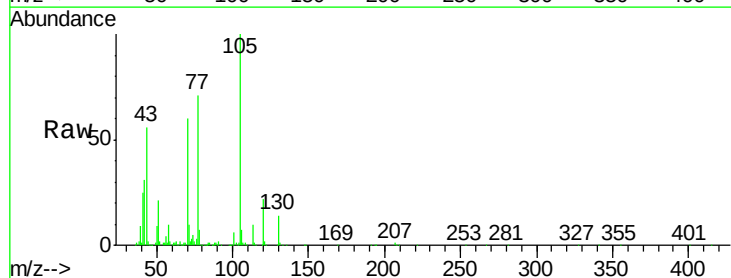


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

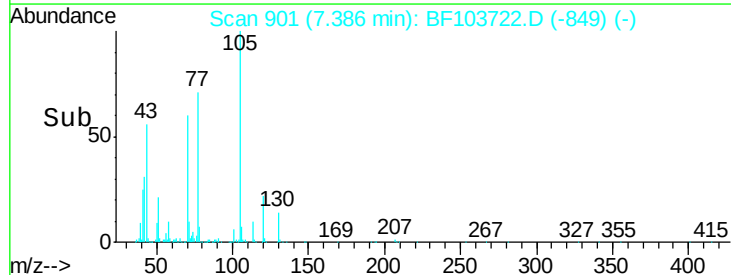
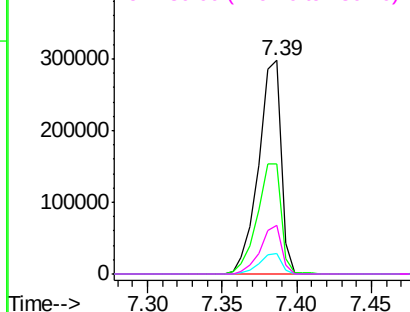


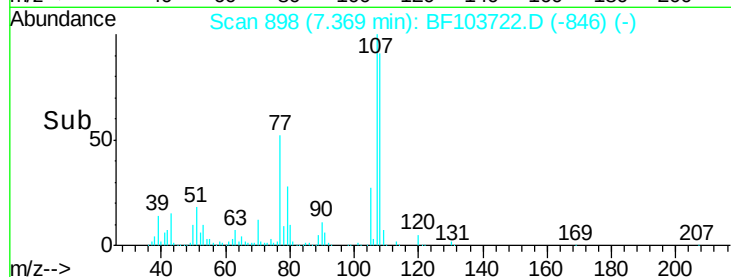
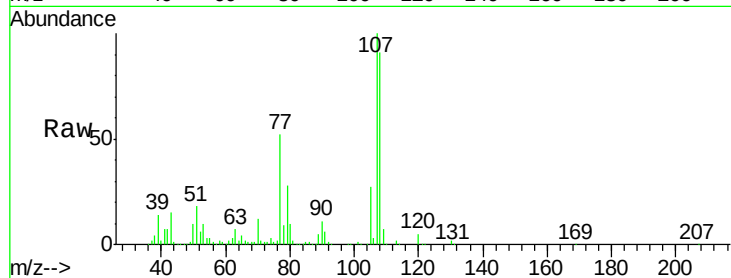
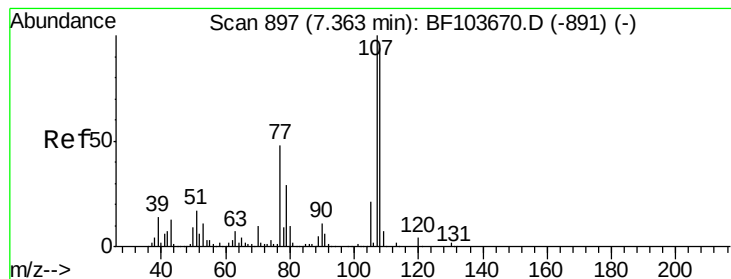
#19
n-Nitroso-di-n-propylamine
Concen: 36.046 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion: 70 Resp: 309508
Ion Ratio Lower Upper
70 100
42 51.3 47.5 71.3
101 9.7 7.4 11.2
130 23.1 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: 35.170 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 455976

Ion Ratio Lower Upper

107 100

108 91.2 68.2 108.2

77 52.1 26.7 66.7

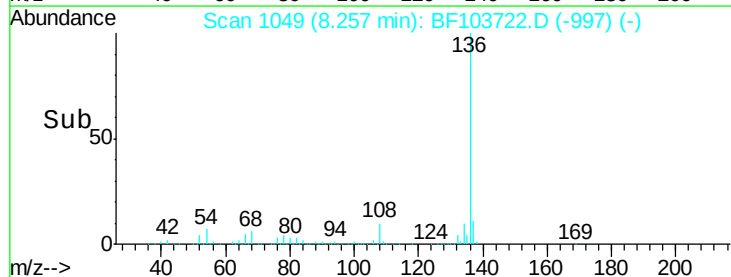
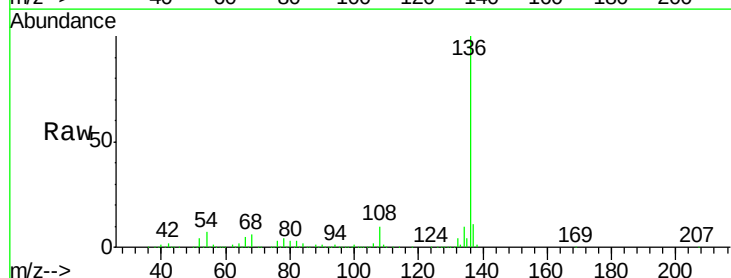
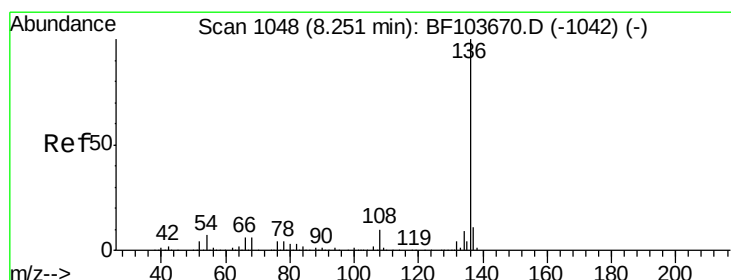
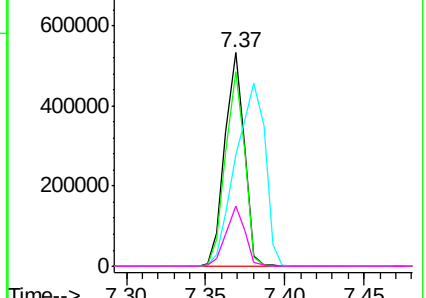
79 28.3 6.3 46.3

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. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Tgt Ion:136 Resp: 649461

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.3 6.6 9.8

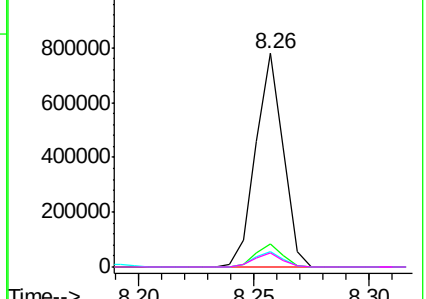
68 6.3 5.0 7.4

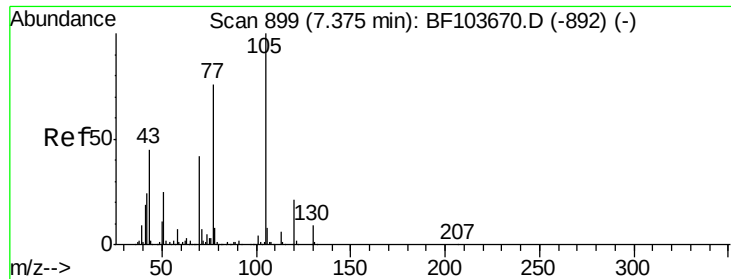
Abundance Ion 136.00 (135.70 to 136.70): E

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

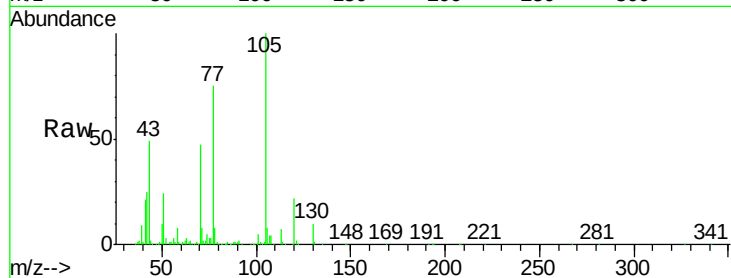




#22
Acetophenone
Concen: 36.676 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	105	Resp:	612175
Ion	Ratio	Lower	Upper
105	100		
71	8.1	4.4	6.6#
51	24.4	22.3	33.5
120	22.0	16.9	25.3

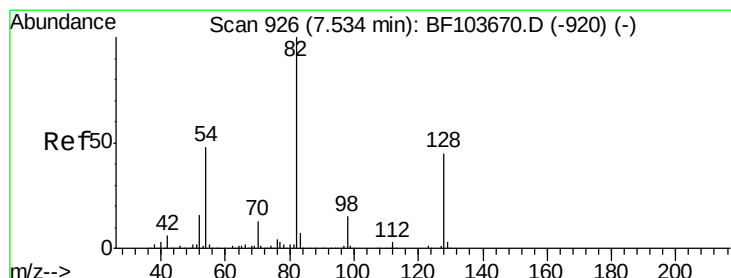
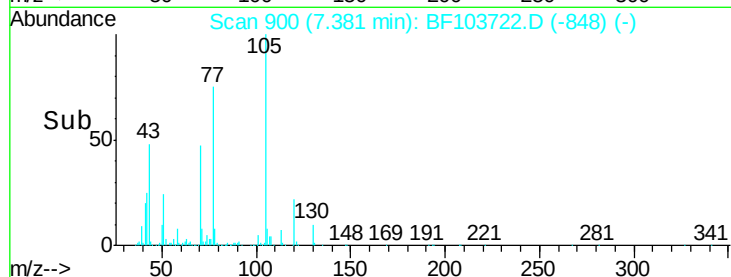
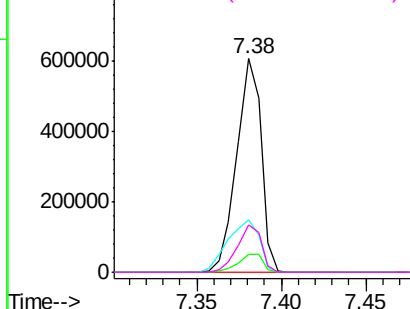


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

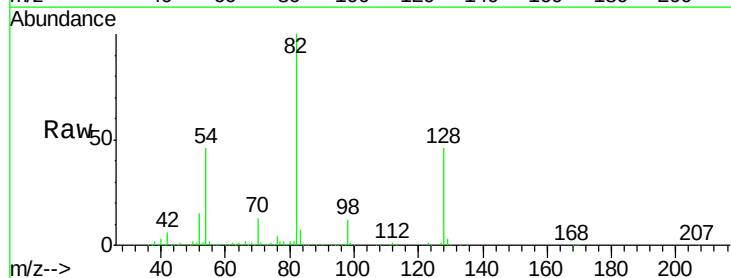
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23
Nitrobenzene-d5
Concen: 102.420 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

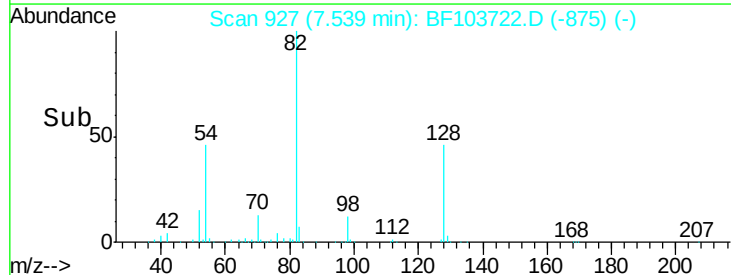
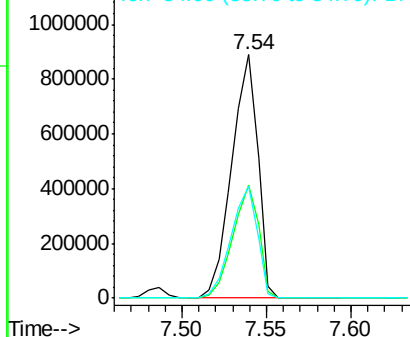
Tgt Ion:	82	Resp:	953856
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	46.1	41.4	62.2

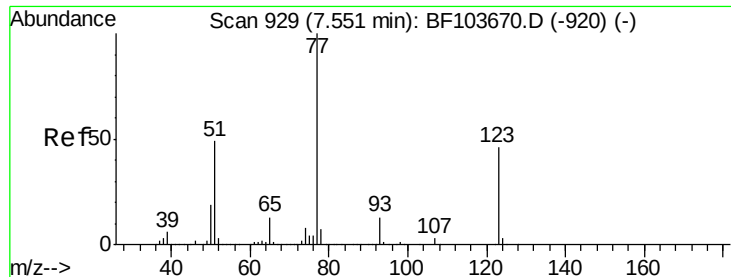


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

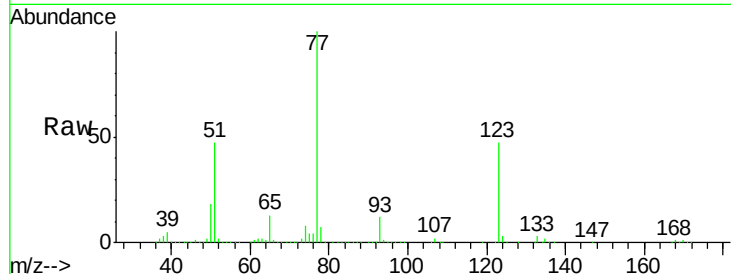




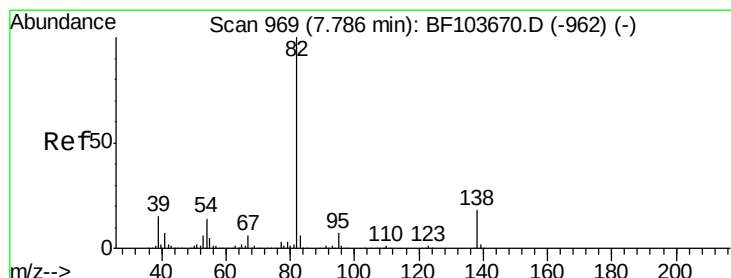
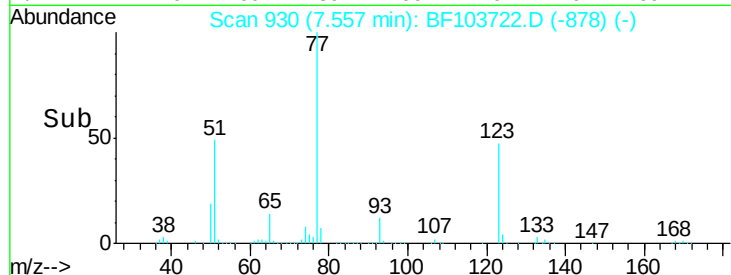
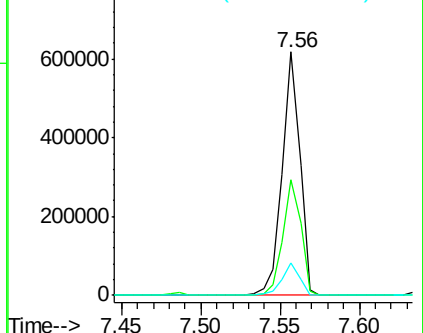
#24
 Nitrobenzene
 Concen: 43.907 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.9	56.9
65	13.4	11.0	16.4

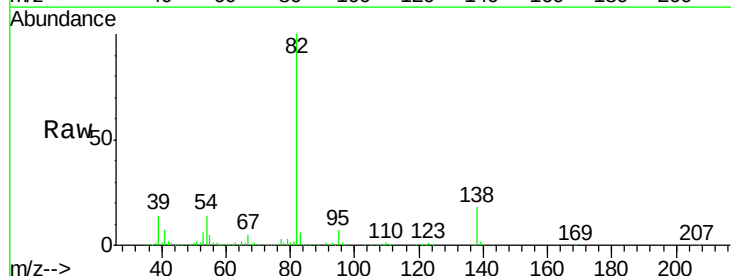


Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

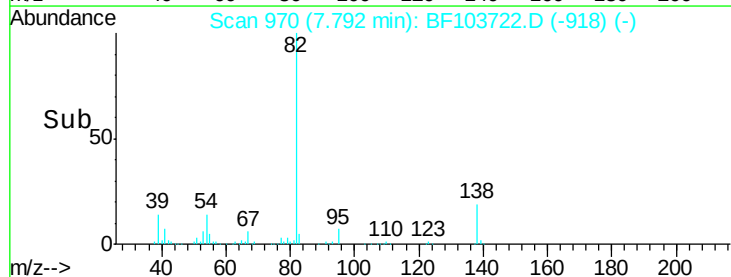
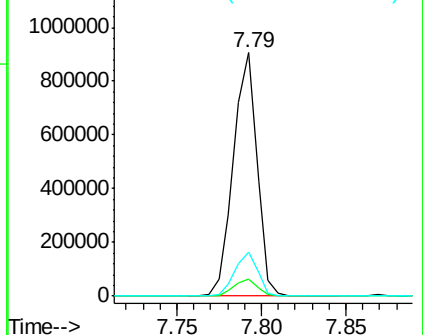


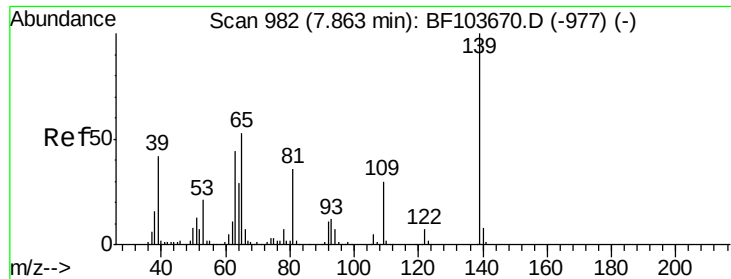
#25
 Isophorone
 Concen: 40.850 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.2	7.8
138	18.2	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

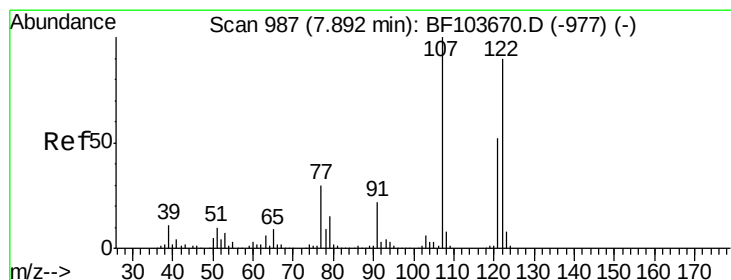
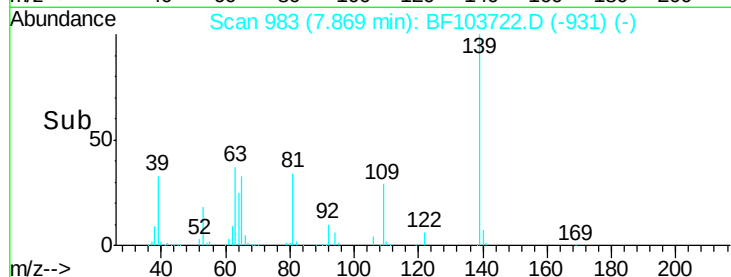
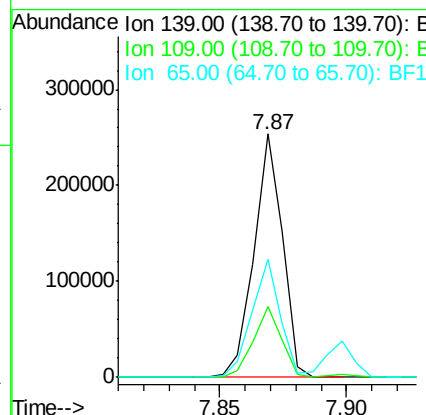
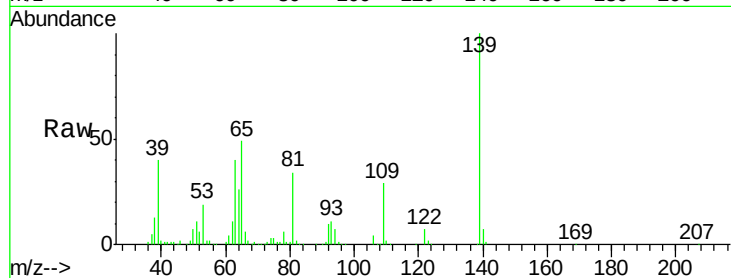




#26
2-Nitrophenol
Concen: 47.736 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

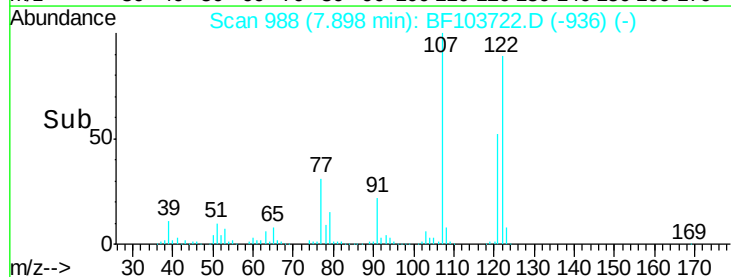
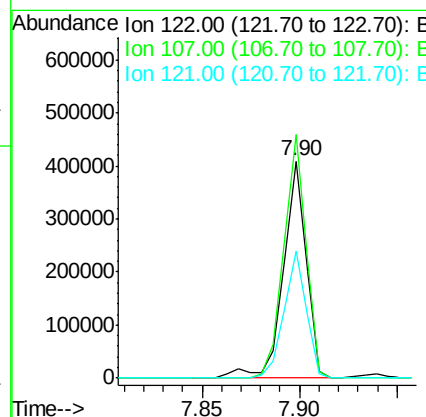
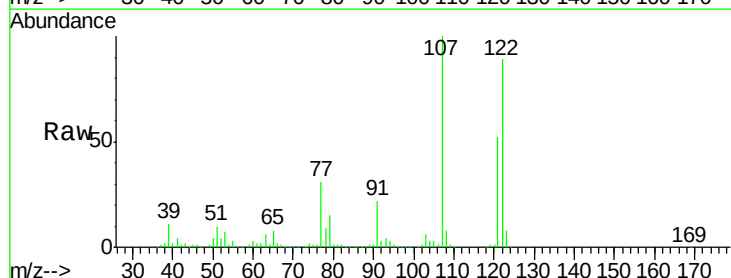
Instrument :
BNA_F
ClientSampleId :

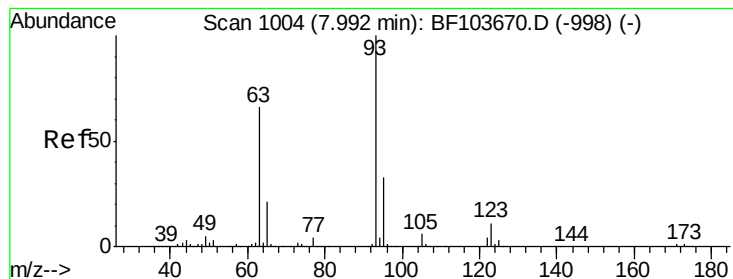
Tot Ion	Ratio	Lower	Upper
139	100		
109	28.9	22.7	34.1
65	48.8	40.5	60.7



#27
2,4-Dimethylphenol
Concen: 36.136 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.1	91.2	136.8
121	58.5	47.2	70.8





#28

bis(2-Chloroethoxy)methane

Concen: 43.316 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA_F

ClientSampled :

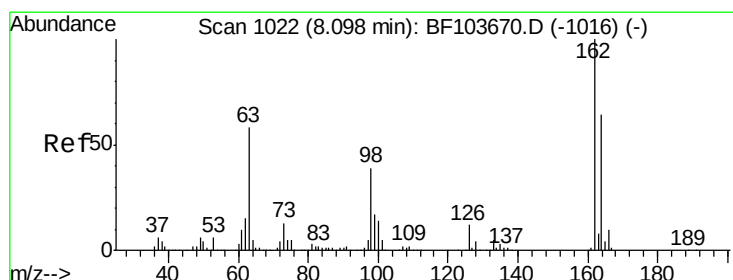
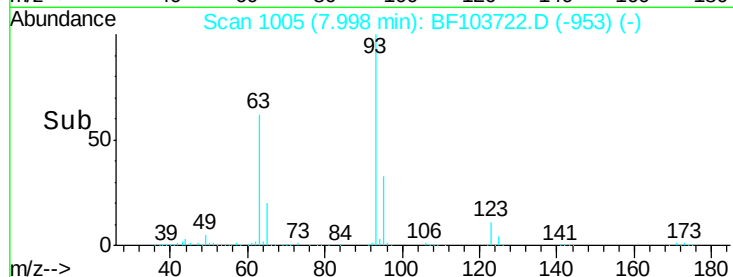
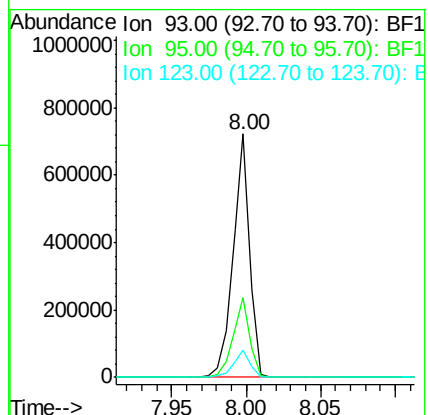
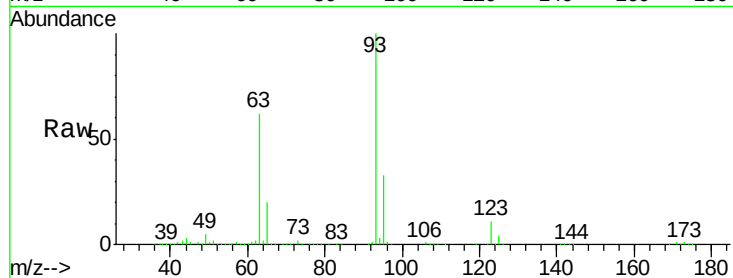
Tot Ion: 93 Resp: 565487

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

123 11.1 9.8 14.6



#29

2,4-Dichlorophenol

Concen: 41.963 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

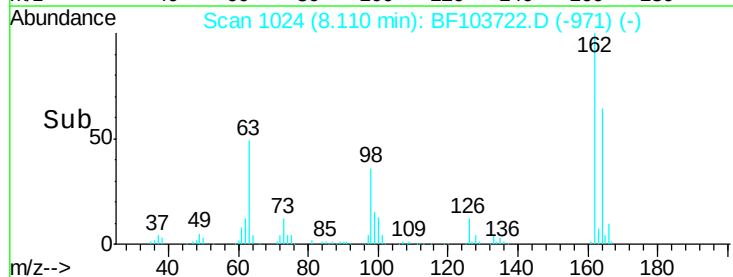
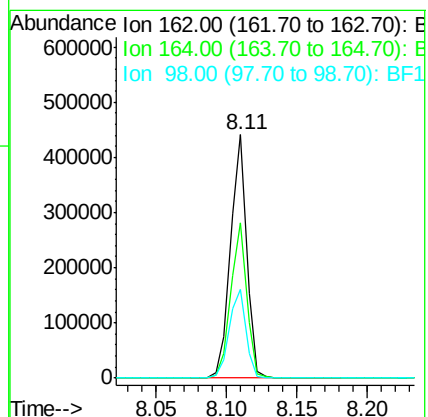
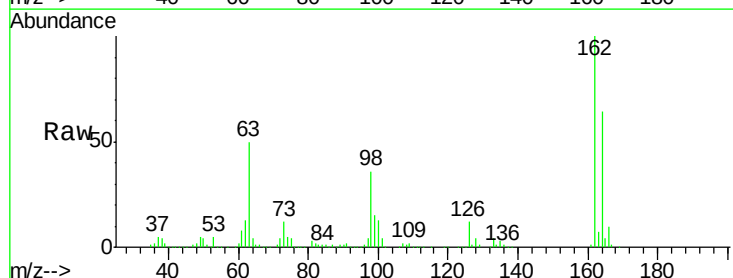
Tgt Ion: 162 Resp: 352611

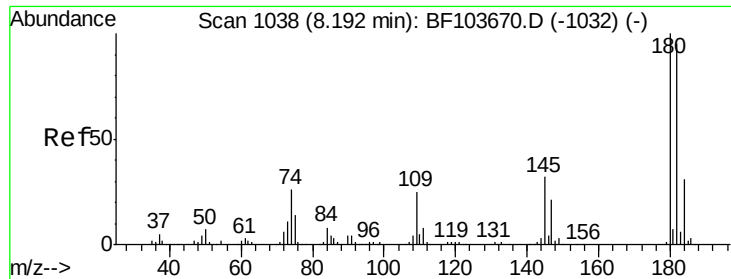
Ion Ratio Lower Upper

162 100

164 63.7 42.7 82.7

98 36.5 18.1 58.1

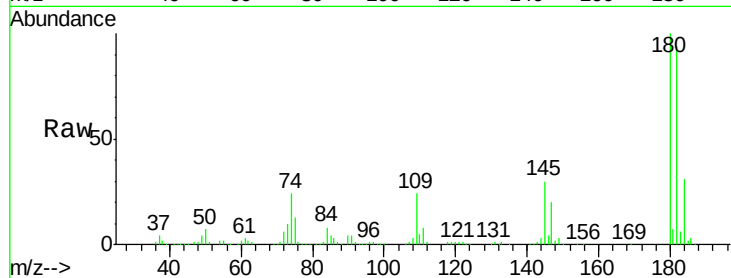




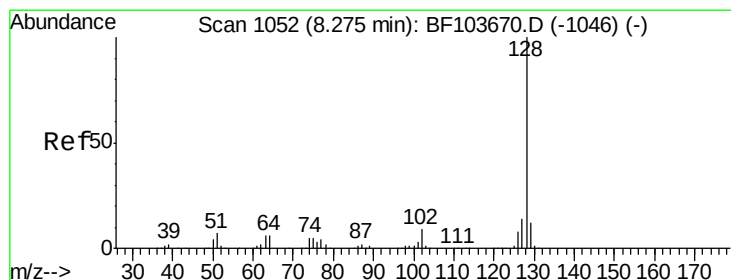
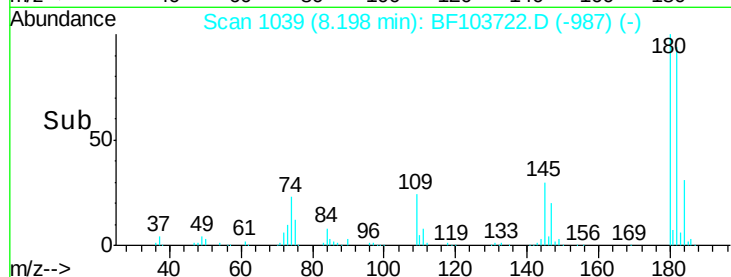
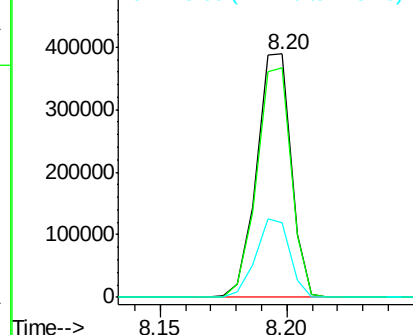
#30
1,2,4-Trichlorobenzene
Concen: 38.003 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:180 Resp: 370376
Ion Ratio Lower Upper
180 100
182 94.4 76.8 115.2
145 30.4 26.5 39.7

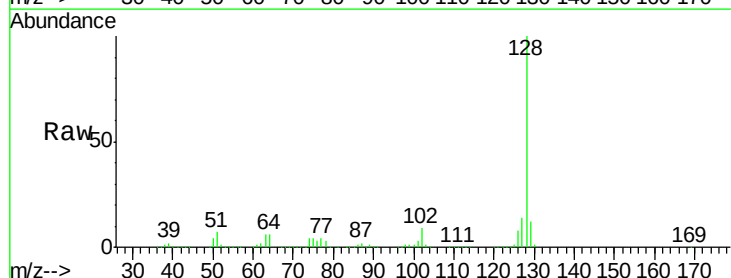


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

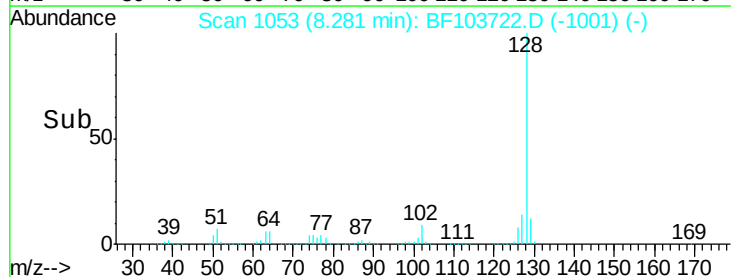
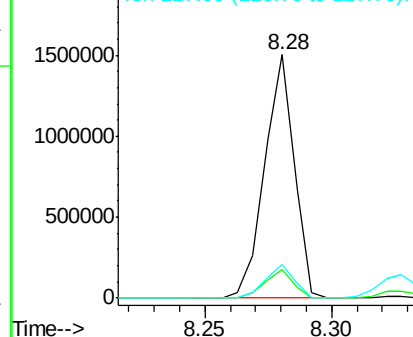


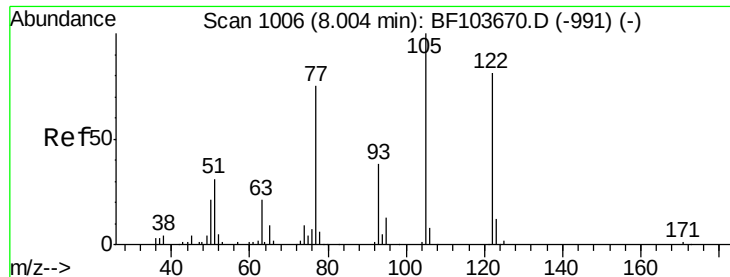
#31
Naphthalene
Concen: 37.487 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion:128 Resp: 1229842
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

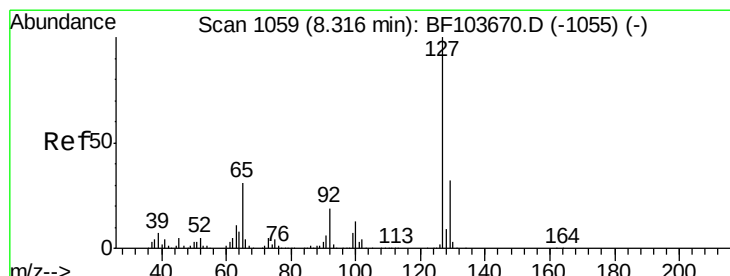
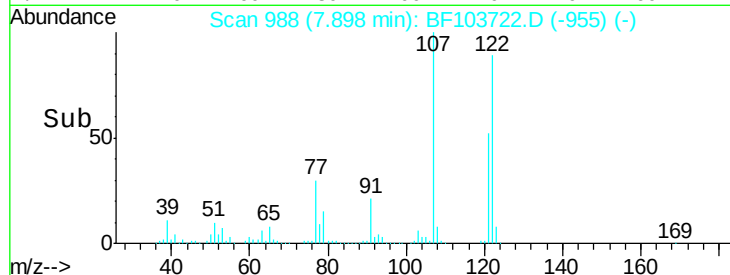
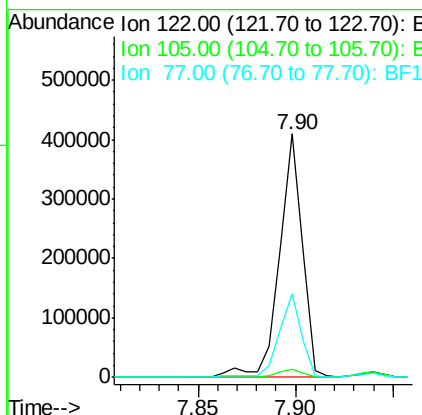
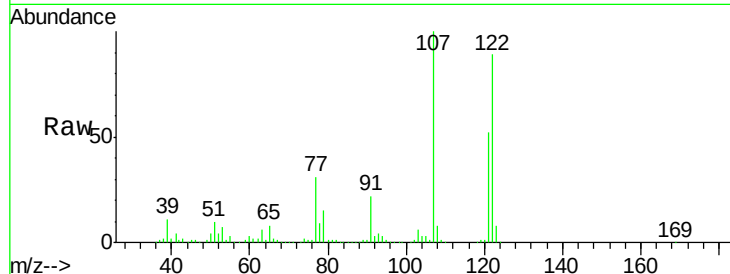




#32
Benzoic acid
Concen: 50.550 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.11 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

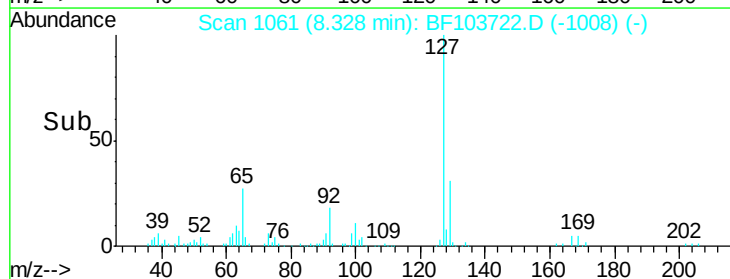
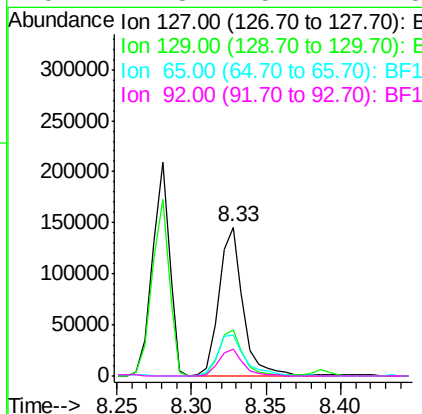
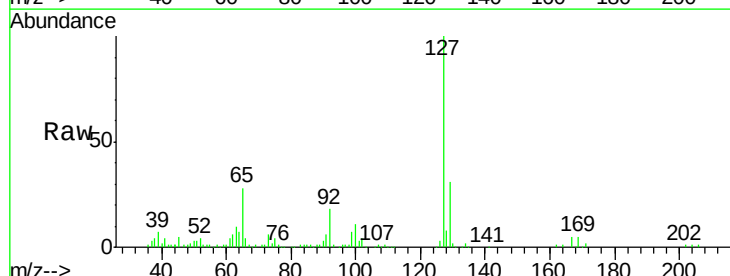
Instrument :
BNA_F
ClientSampled :

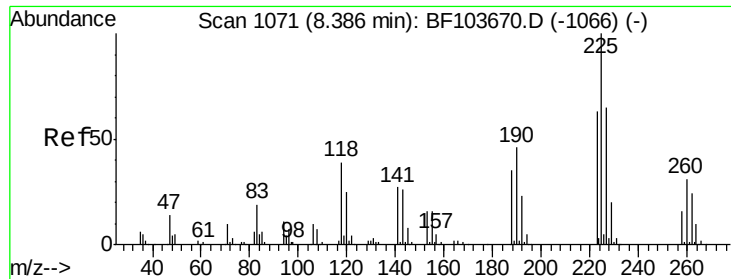
Tot Ion:122 Resp: 333748
Ion Ratio Lower Upper
122 100
105 3.5 101.1 141.1#
77 34.4 70.7 110.7#



#33
4-Chloroaniline
Concen: 11.877 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion:127 Resp: 163478
Ion Ratio Lower Upper
127 100
129 31.1 25.9 38.9
65 27.6 25.0 37.4
92 17.8 15.2 22.8

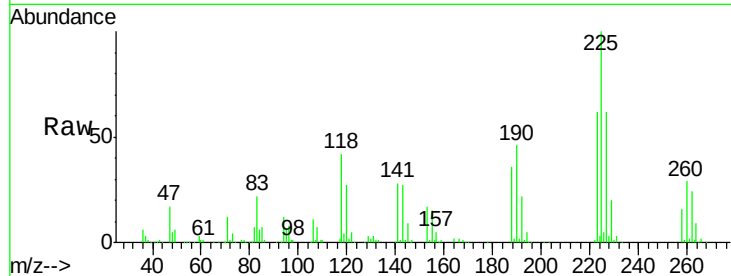




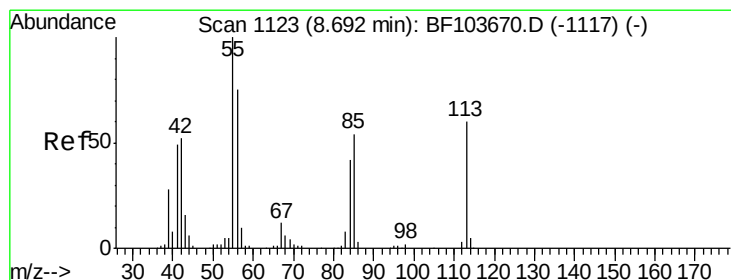
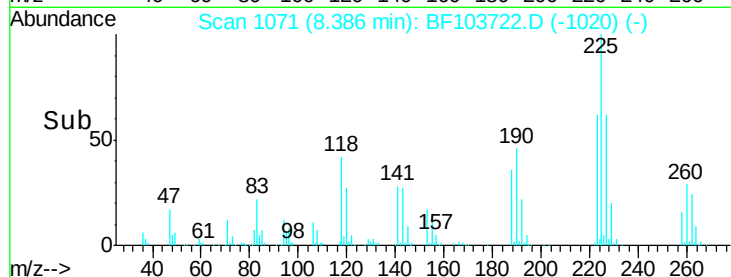
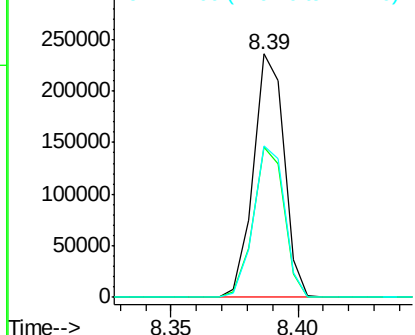
#34
Hexachlorobutadiene
Concen: 37.463 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 200182
Ion Ratio Lower Upper
225 100
223 61.9 50.6 76.0
227 62.0 51.9 77.9

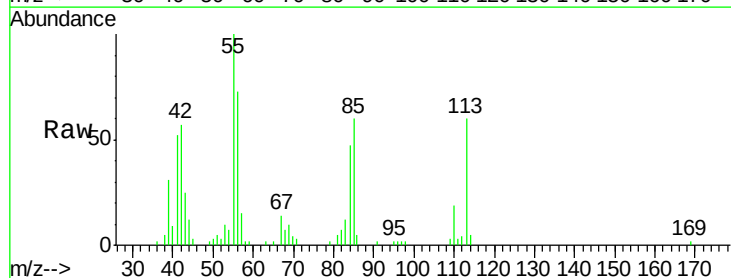


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

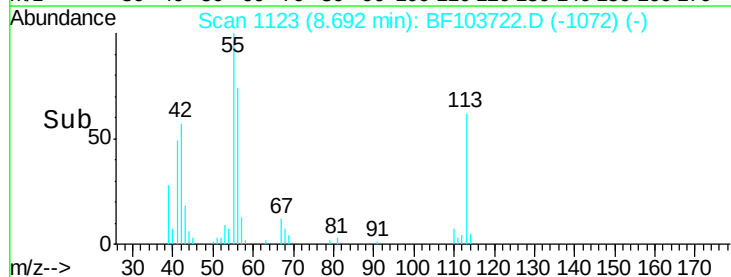
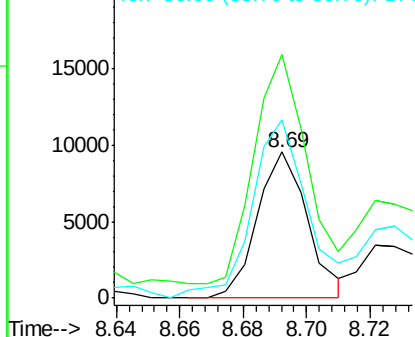


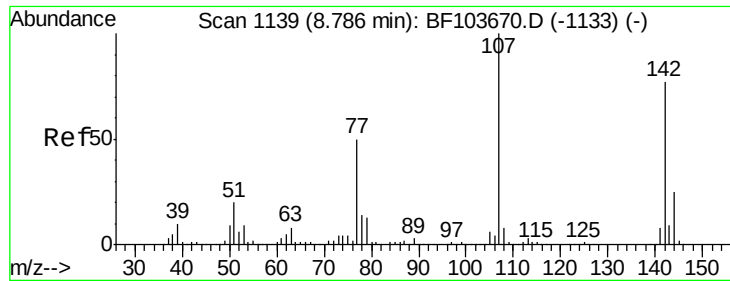
#35
Caprolactam
Concen: 3.628 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion:113 Resp: 10496
Ion Ratio Lower Upper
113 100
55 167.0 163.3 203.3
56 122.2 115.7 155.7



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

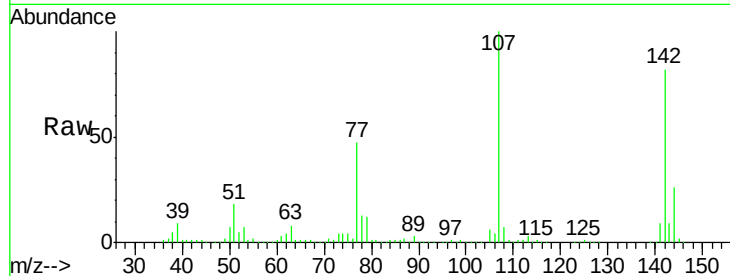




#36
 4-Chloro-3-methylphenol
 Concen: 39.712 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	81.8	62.0	93.0

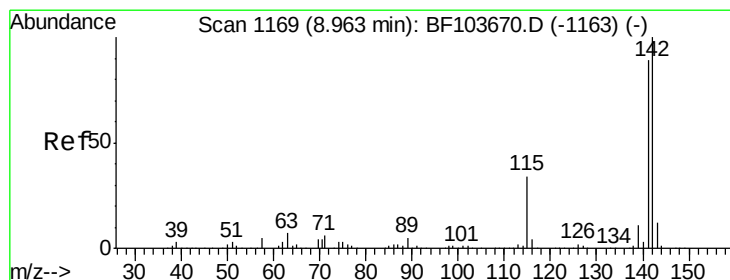
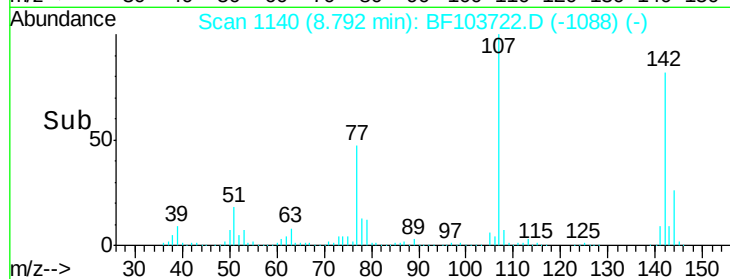
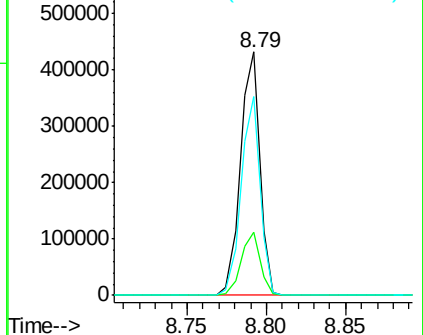


Abundance

Ion 107.00 (106.70 to 107.70): E

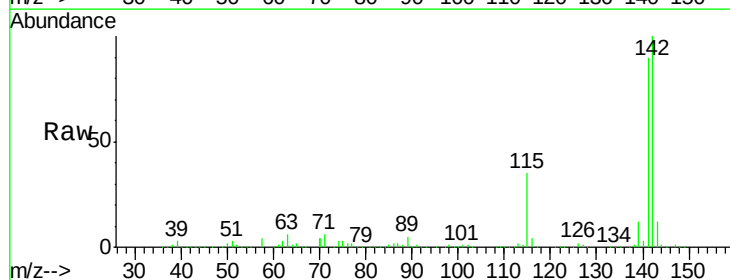
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 37.825 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	34.5	26.1	39.1

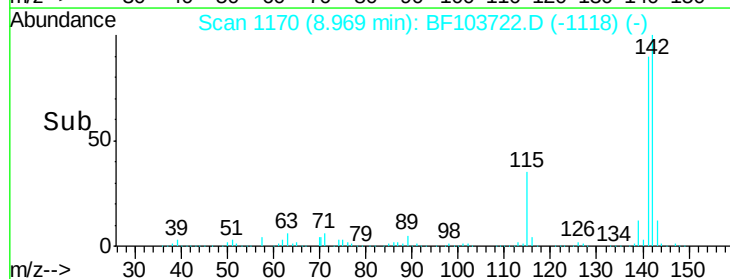
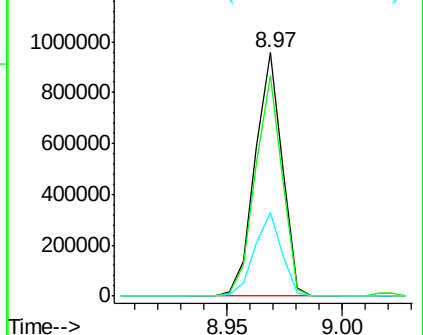


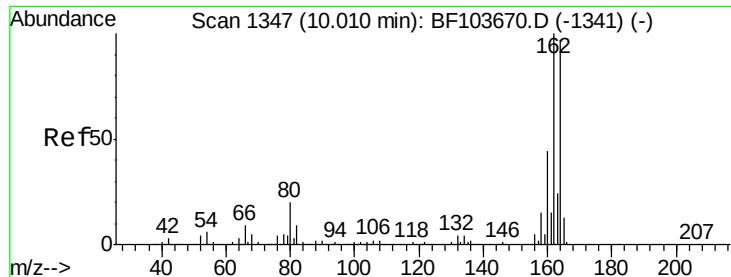
Abundance

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

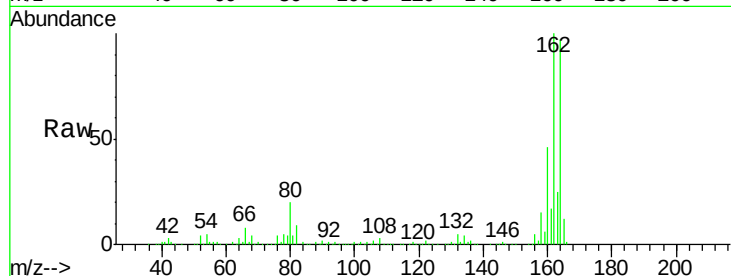




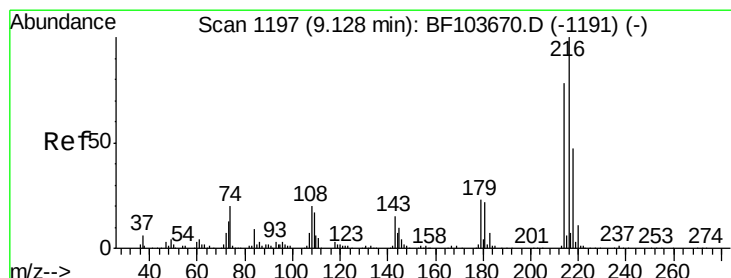
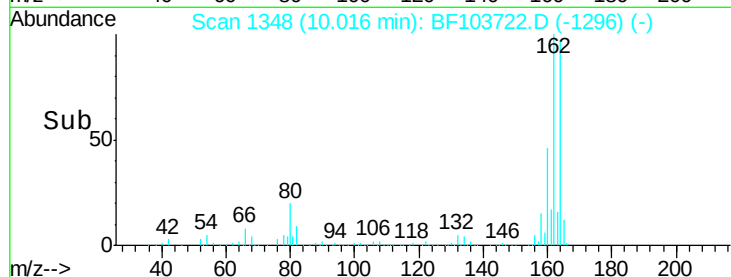
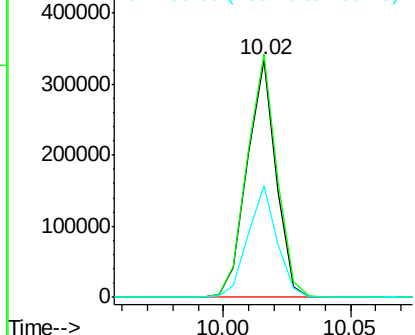
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	47.2	38.3	57.5



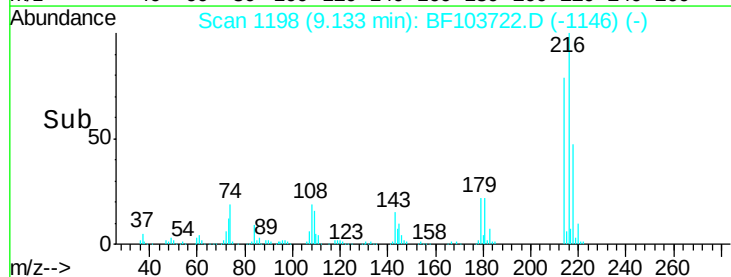
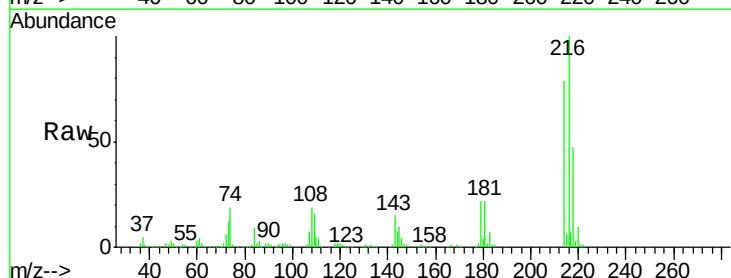
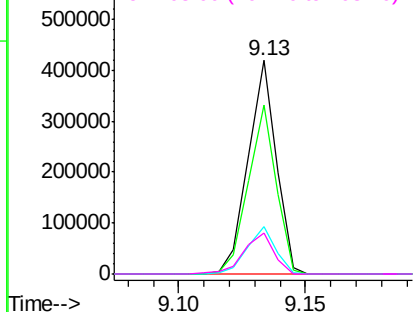
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

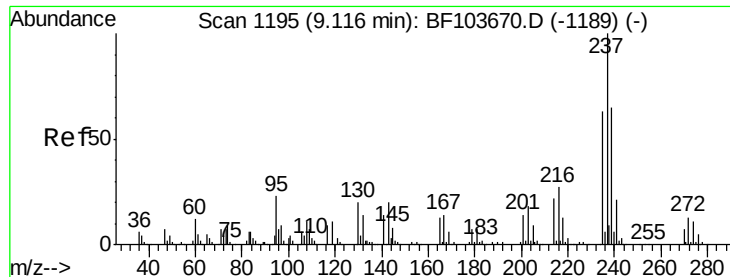


#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.009 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	22.3	18.1	27.1
108	20.4	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

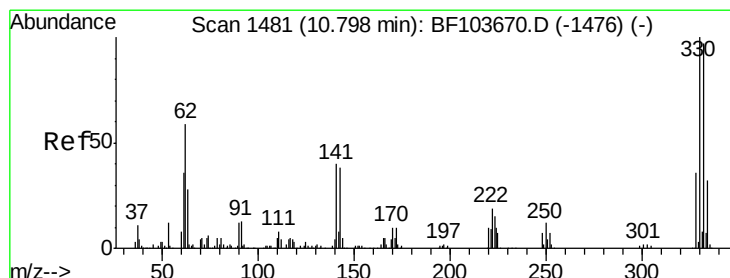
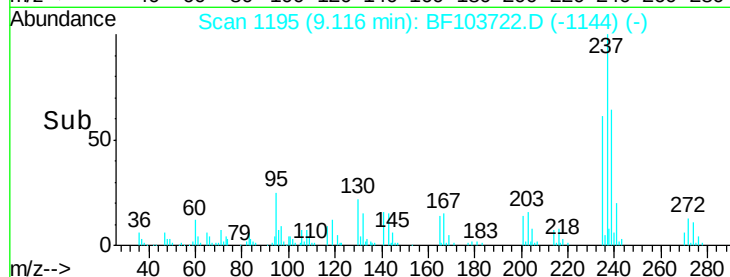
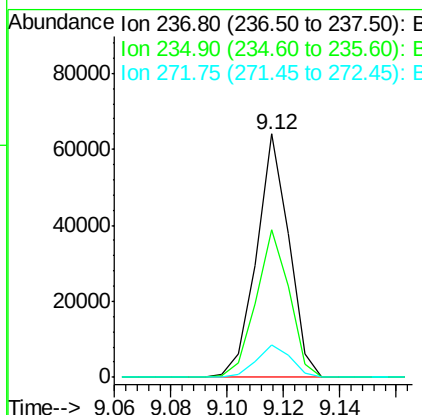
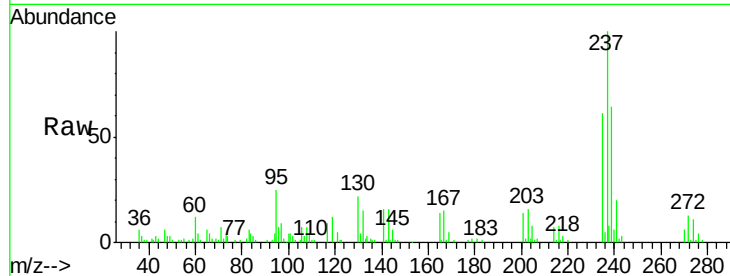




#40
Hexachlorocyclopentadiene
Concen: 13.103 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

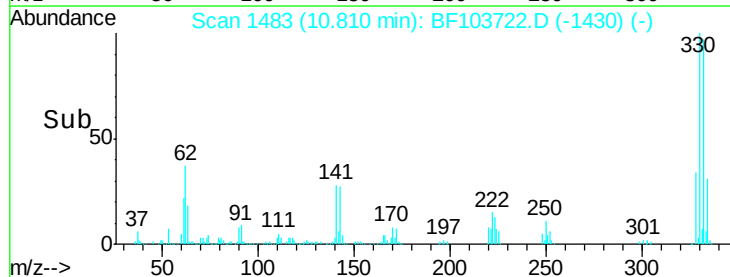
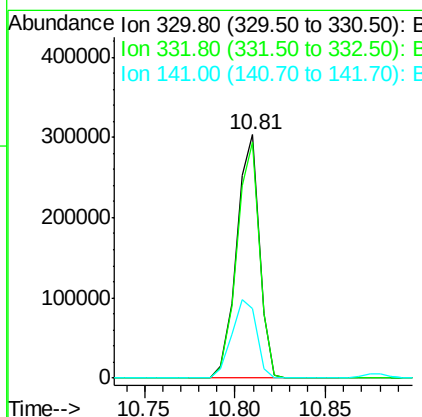
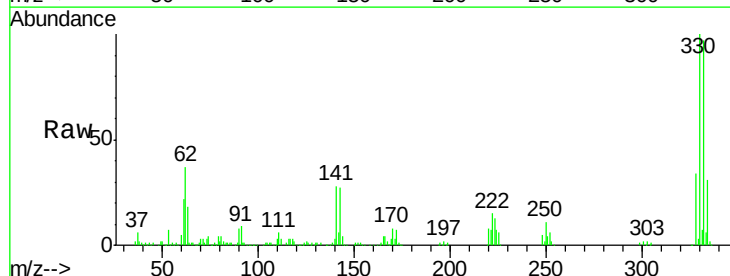
Instrument :
BNA_F
ClientSampleId :

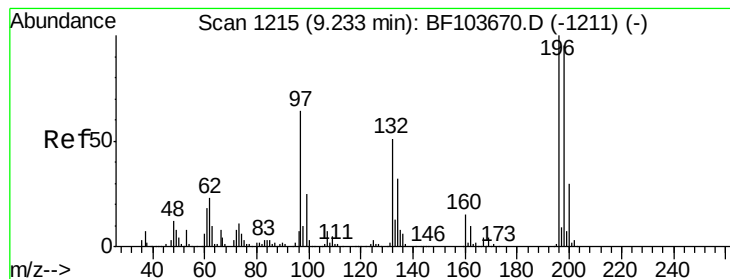
Tot Ion	Ratio	Lower	Upper
237	100		
235	60.6	44.8	84.8
272	13.3	0.0	33.3



#41
2,4,6-Tribromophenol
Concen: 116.722 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	35.8	29.9	44.9





#42

2,4,6-Trichlorophenol

Concen: 45.625 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA_F

ClientSampleId :

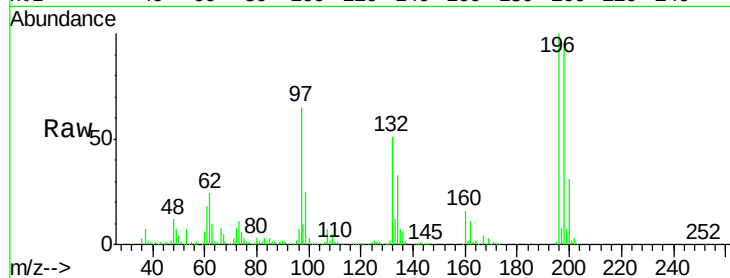
Tot Ion:196 Resp: 219862

Ion Ratio Lower Upper

196 100

198 95.4 75.7 113.5

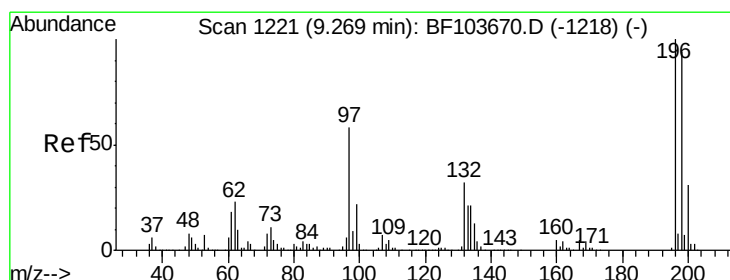
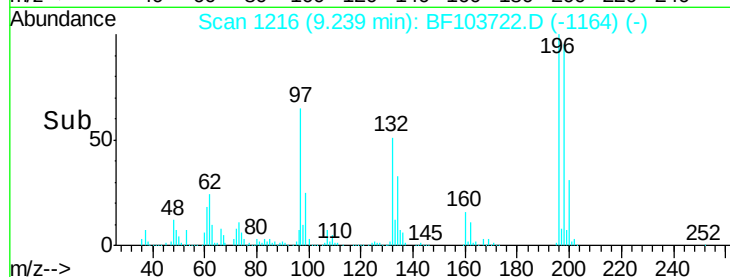
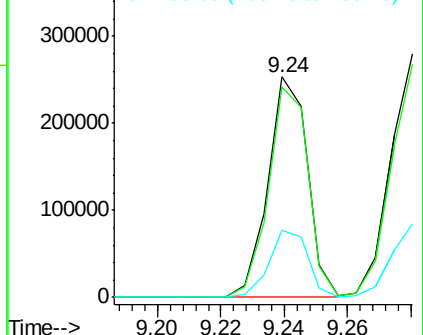
200 30.6 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 42.737 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Tgt Ion:196 Resp: 232447

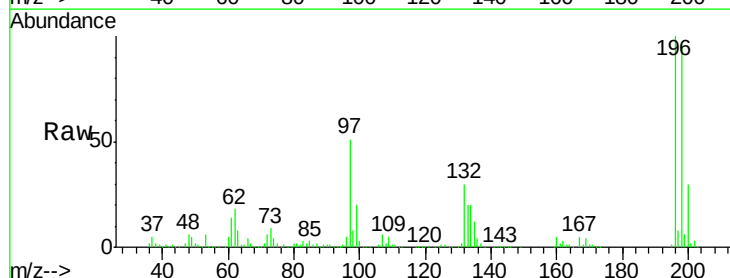
Ion Ratio Lower Upper

196 100

198 95.7 74.6 112.0

97 50.7 42.9 64.3

132 29.6 26.3 39.5

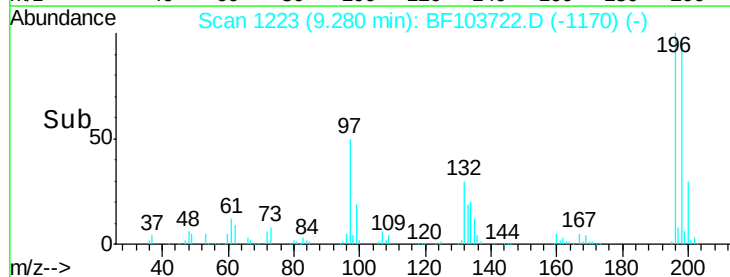
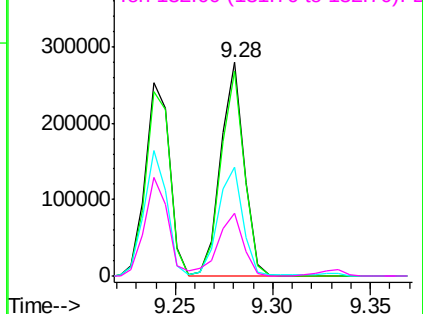


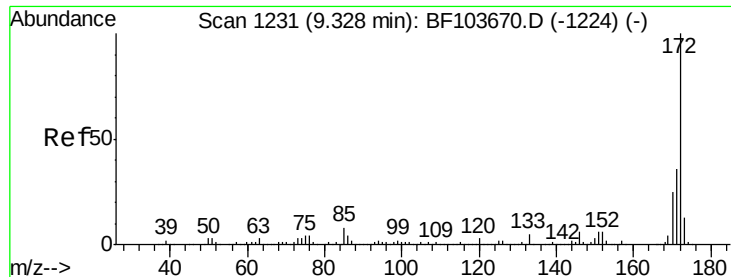
Abundance Ion 196.00 (195.70 to 196.70): E

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



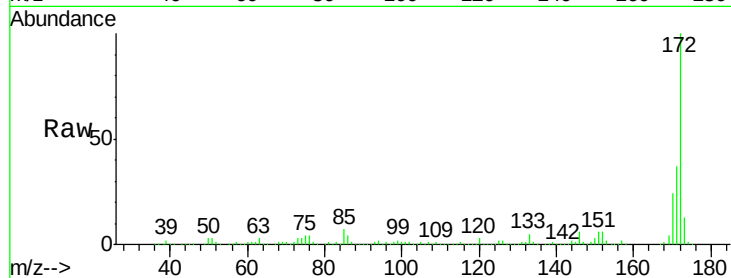


#44
 2-Fluorobiphenyl
 Concen: 87.332 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

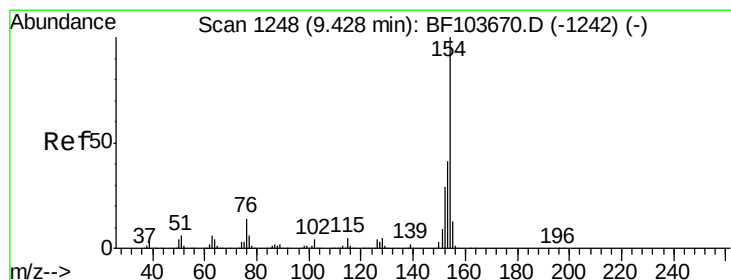
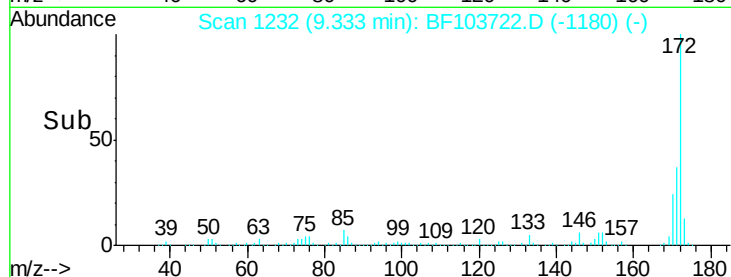
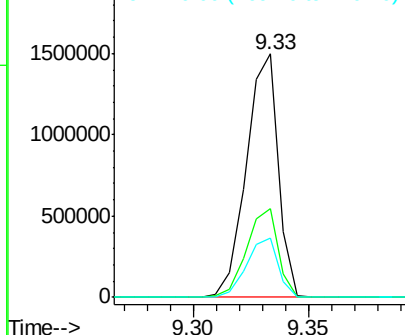
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1445809

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4



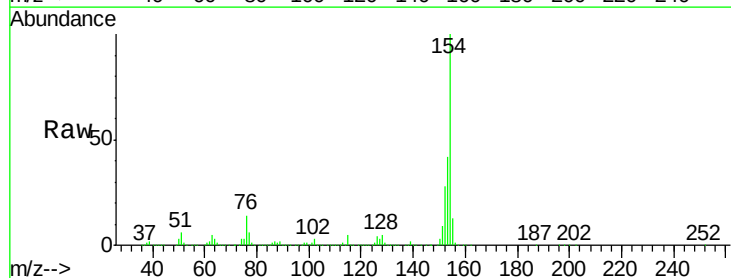
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



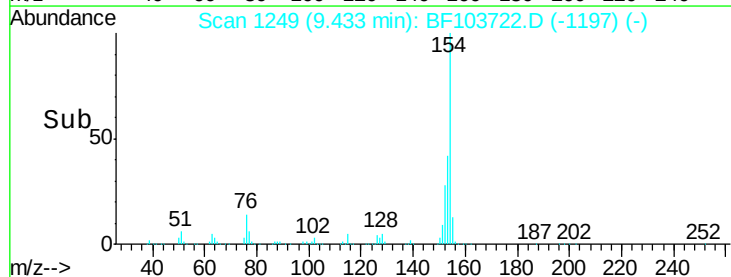
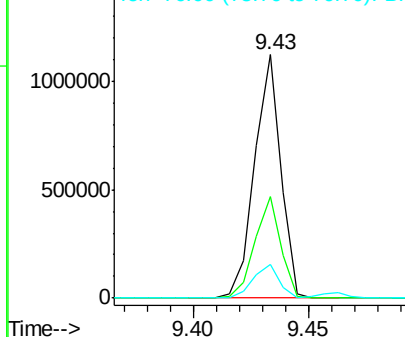
#45
 1,1'-Biphenyl
 Concen: 40.579 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

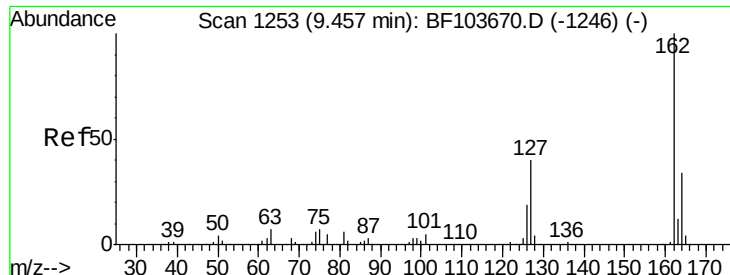
Tgt Ion:154 Resp: 893571

Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	14.1	0.0	34.0



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

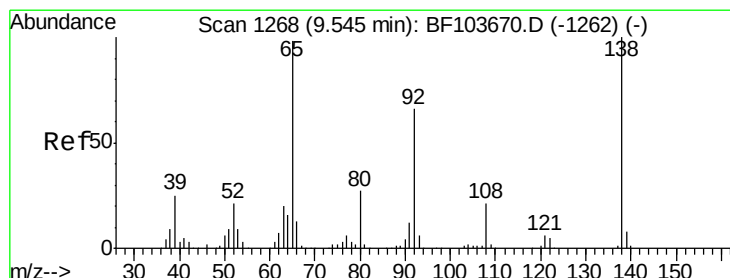
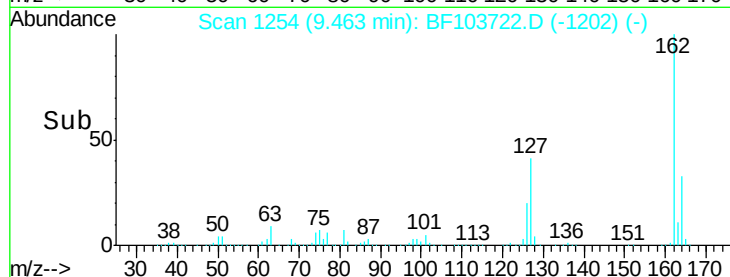
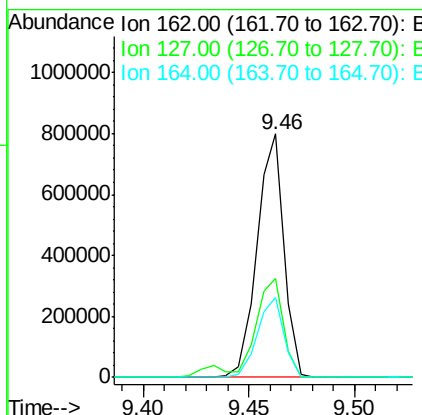
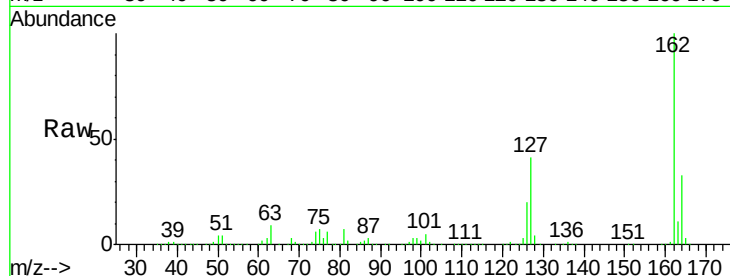




#46
2-Chloronaphthalene
Concen: 40.226 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

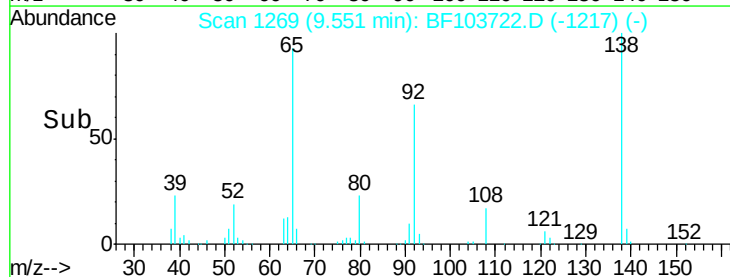
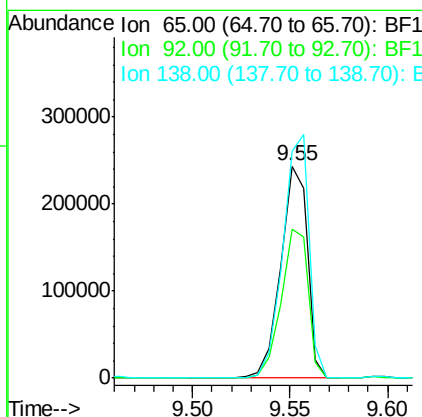
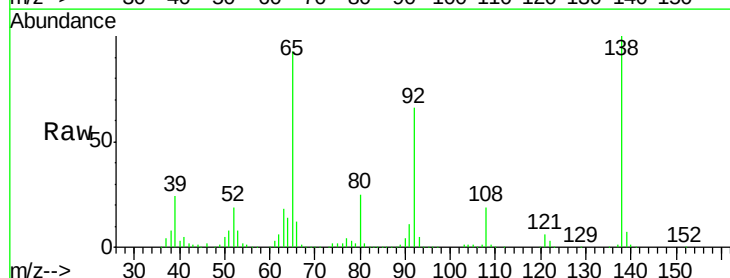
Instrument :
BNA_F
ClientSampleId :

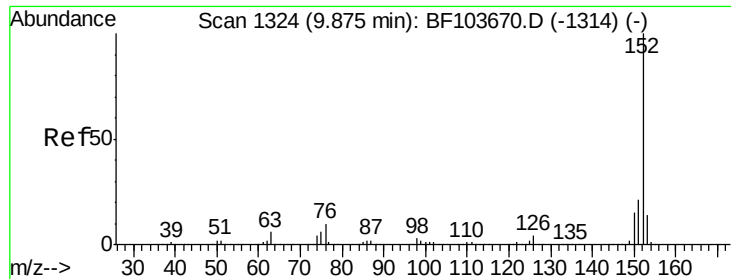
Tot Ion:162 Resp: 703560
Ion Ratio Lower Upper
162 100
127 40.5 33.9 50.9
164 32.5 26.5 39.7



#47
2-Nitroaniline
Concen: 50.296 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion: 65 Resp: 231861
Ion Ratio Lower Upper
65 100
92 70.5 55.8 83.6
138 107.1 91.2 136.8





#48

Acenaphthylene

Concen: 37.447 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA_F

ClientSampleId :

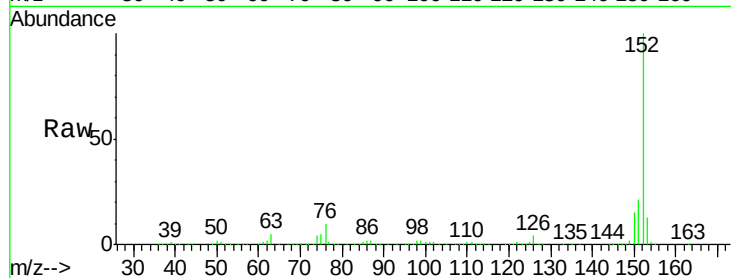
Tot Ion:152 Resp: 1015621

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

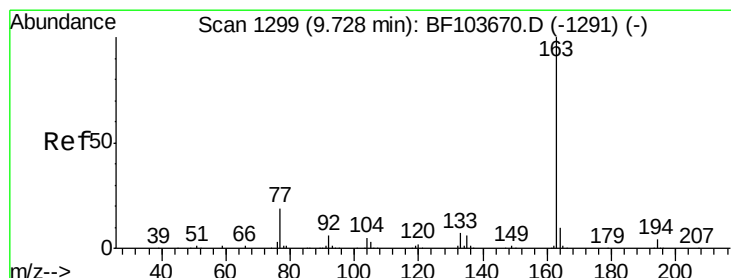
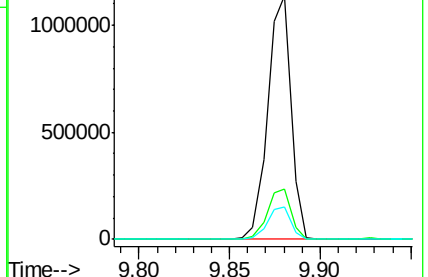
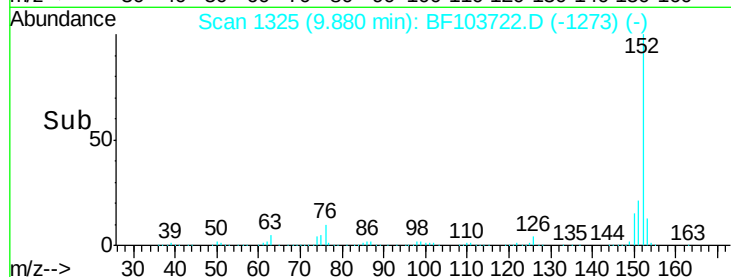
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 49.059 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

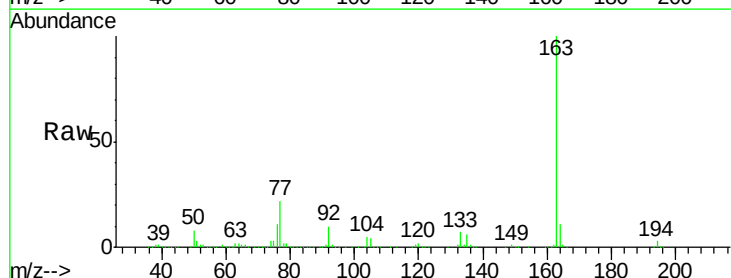
Tgt Ion:163 Resp: 988435

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

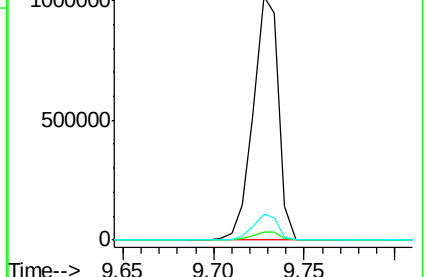
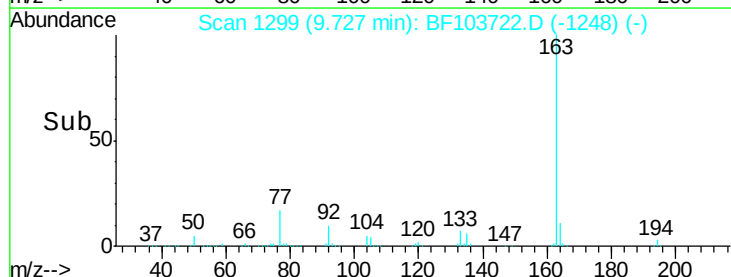
164 10.5 8.2 12.2

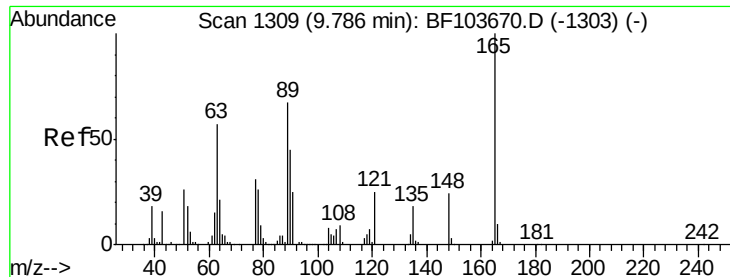


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

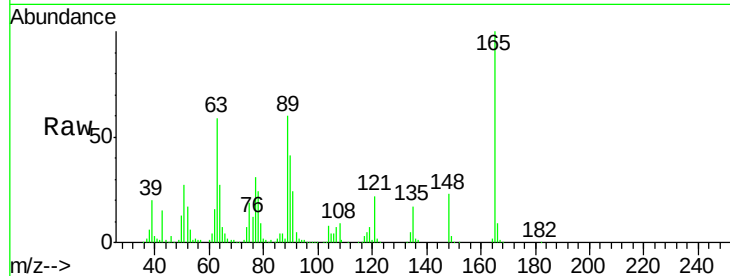




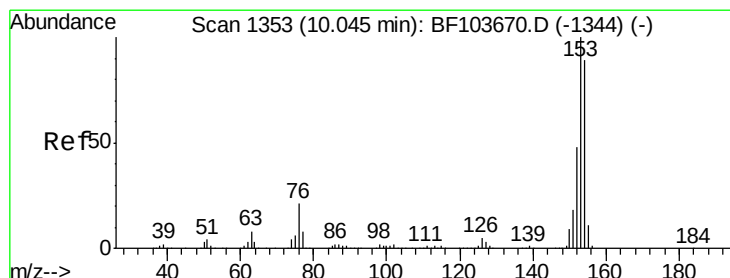
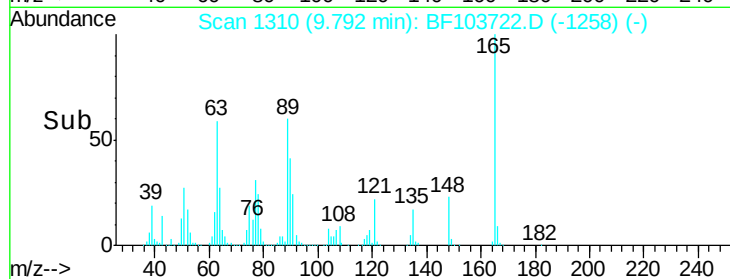
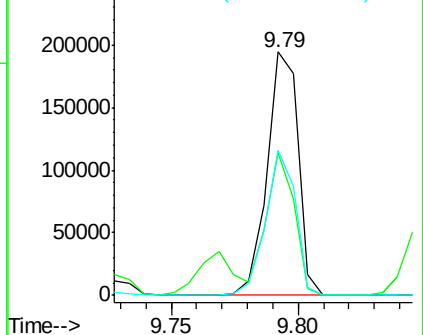
#50
2,6-Dinitrotoluene
Concen: 43.287 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 167052
Ion Ratio Lower Upper
165 100
63 58.5 44.7 67.1
89 59.6 44.0 66.0

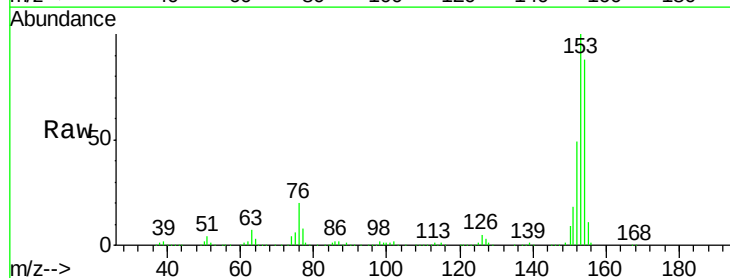


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

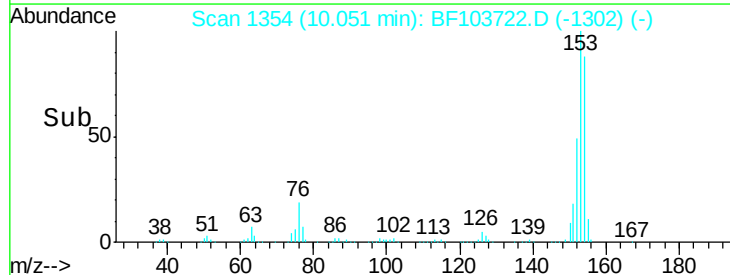
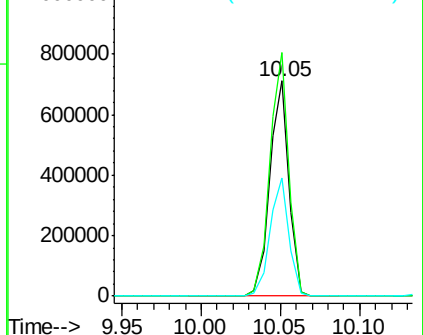


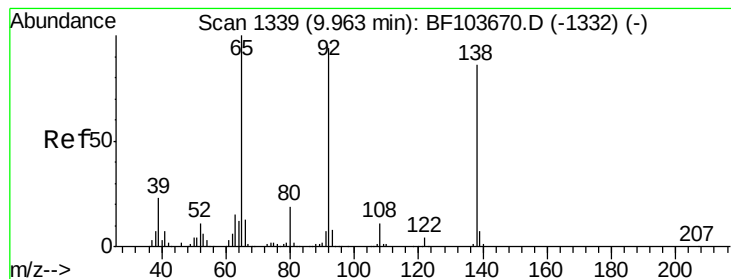
#51
Acenaphthene
Concen: 37.356 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion:154 Resp: 601573
Ion Ratio Lower Upper
154 100
153 113.3 91.2 136.8
152 55.3 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: 34.086 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA_F

ClientSampled :

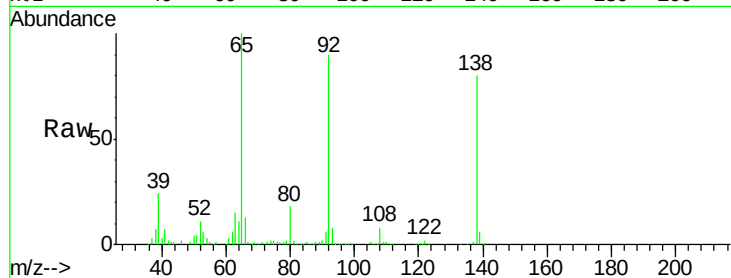
Tot Ion:138 Resp: 153611

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

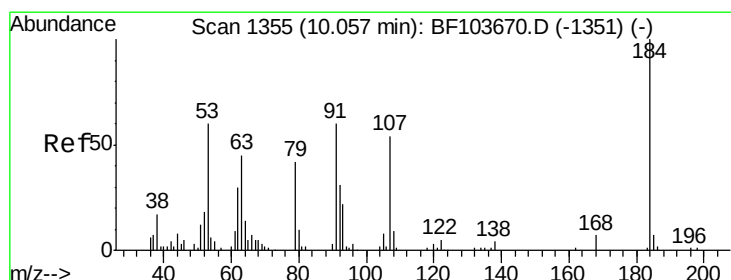
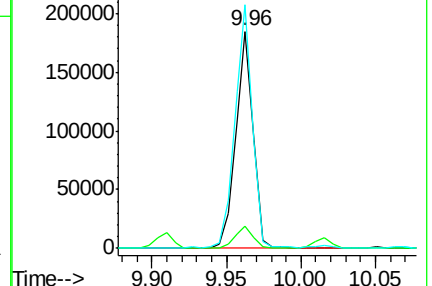
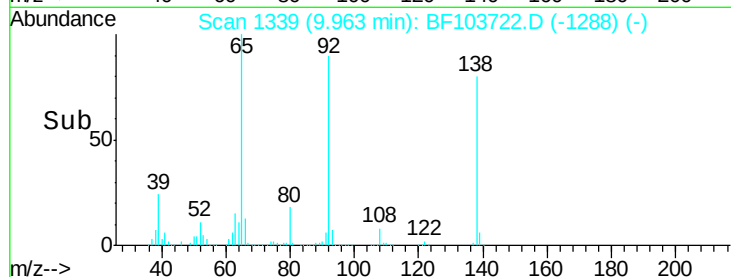
92 112.0 89.4 134.2



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: 11.787 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

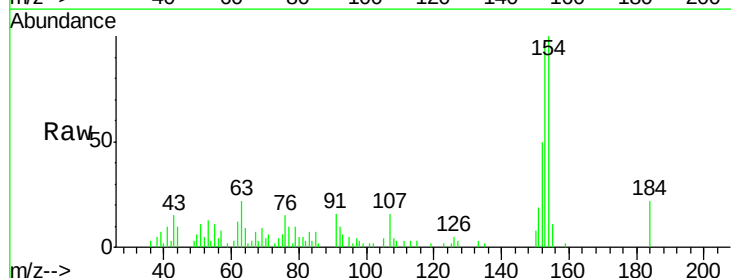
Tgt Ion:184 Resp: 2982

Ion Ratio Lower Upper

184 100

63 98.4 54.2 81.2#

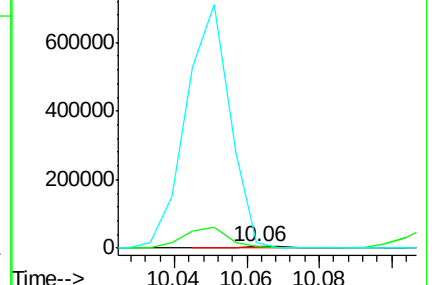
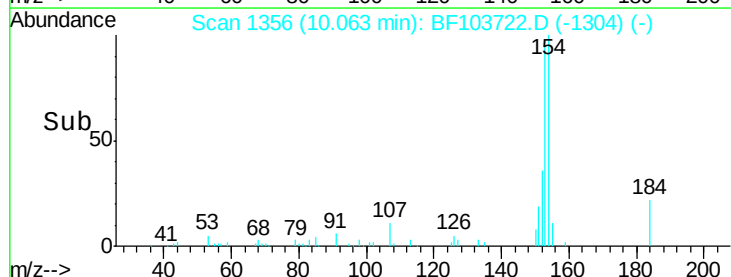
154 451.4 184.0 276.0#

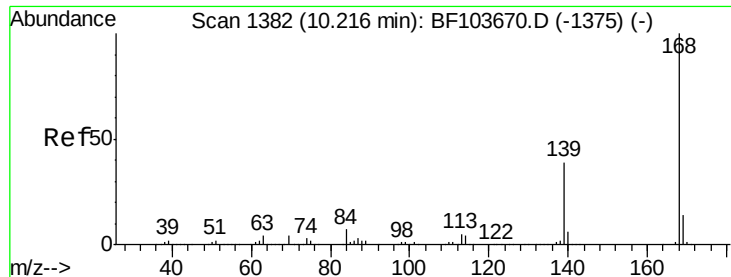


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 38.954 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA_F

ClientSampled :

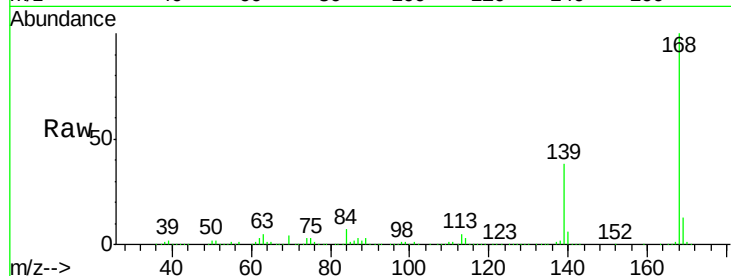
Tot Ion:168 Resp: 895937

Ion Ratio Lower Upper

168 100

139 38.4 30.1 45.1

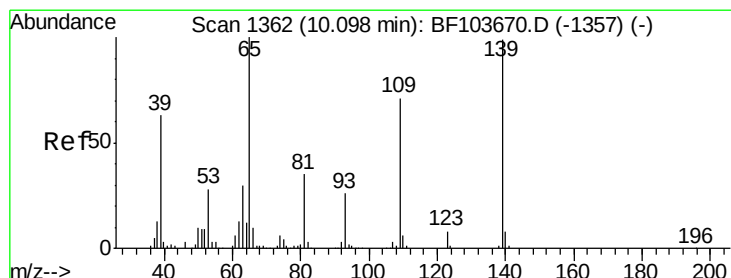
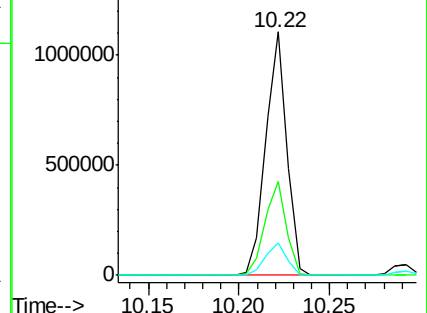
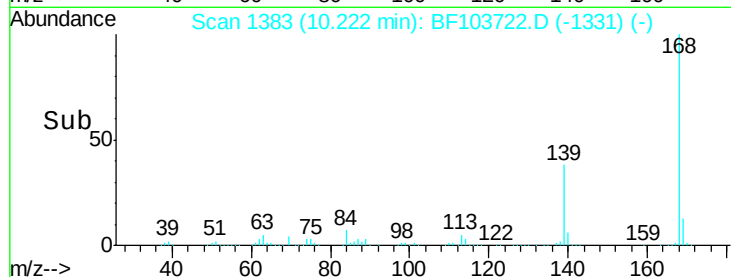
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 70.258 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.02 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

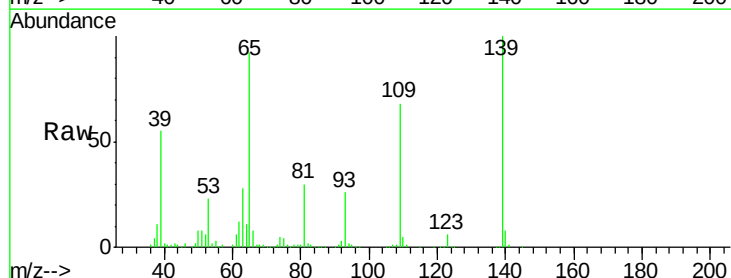
Tgt Ion:139 Resp: 256785

Ion Ratio Lower Upper

139 100

109 68.2 48.4 88.4

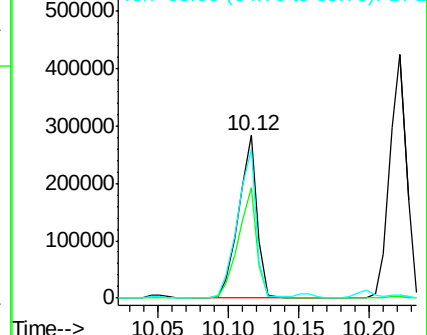
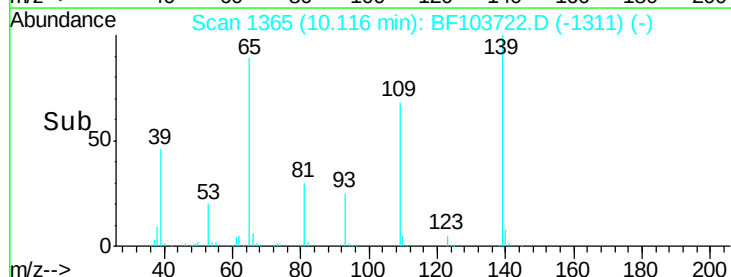
65 91.9 72.6 112.6

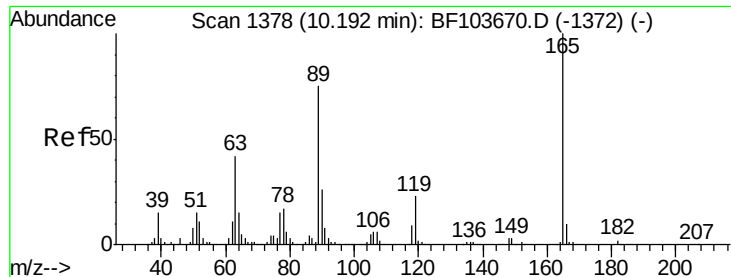


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

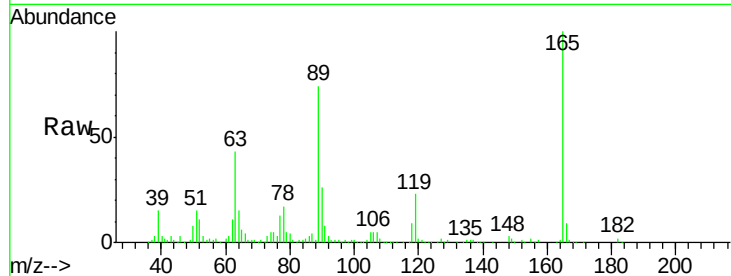




#56
2,4-Dinitrotoluene
Concen: 41.139 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	36.4	54.6
89	73.7	57.8	86.6
182	2.1	1.6	2.4



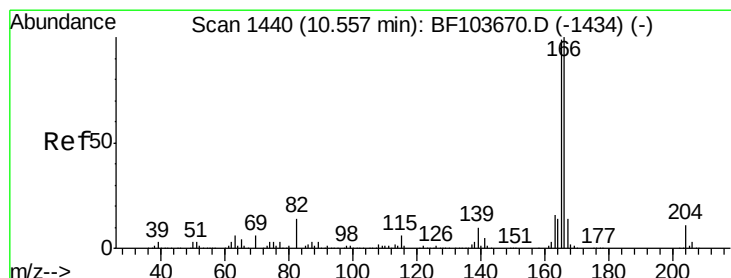
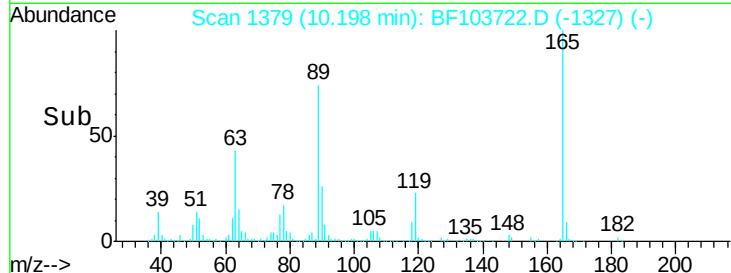
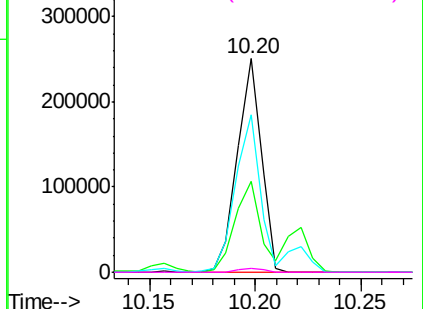
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

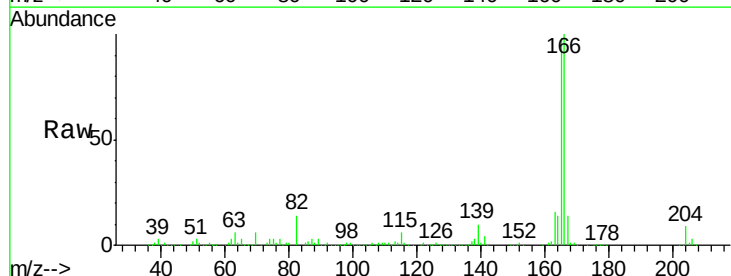
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 37.079 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.8
167	13.7	10.6	16.0

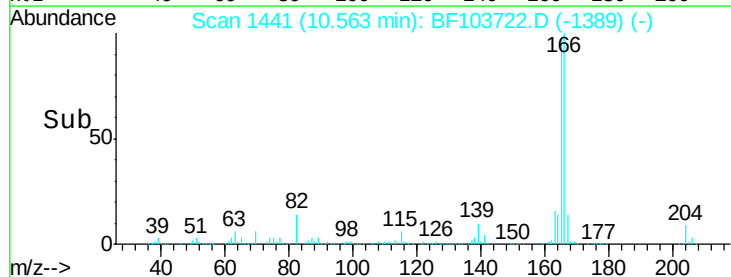
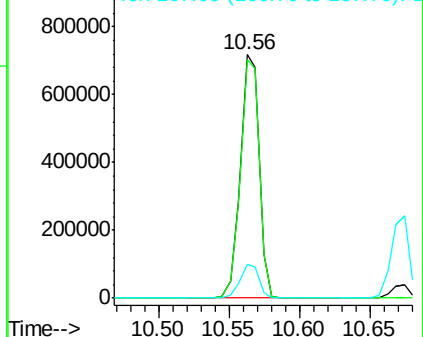


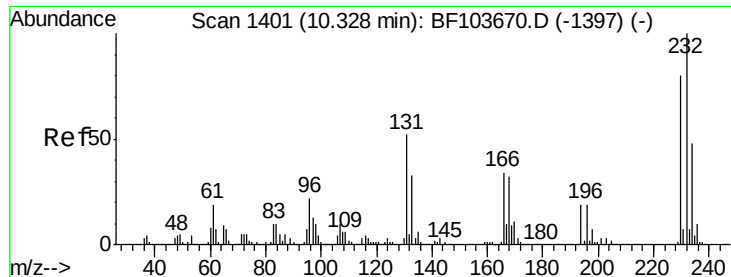
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

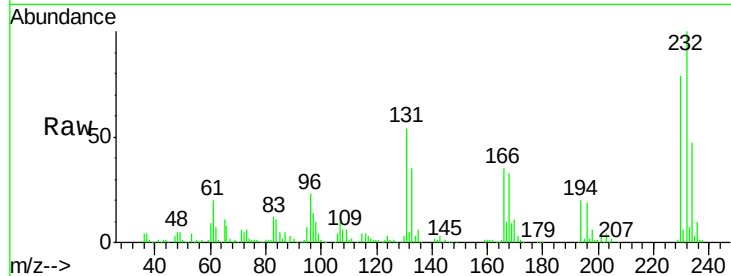




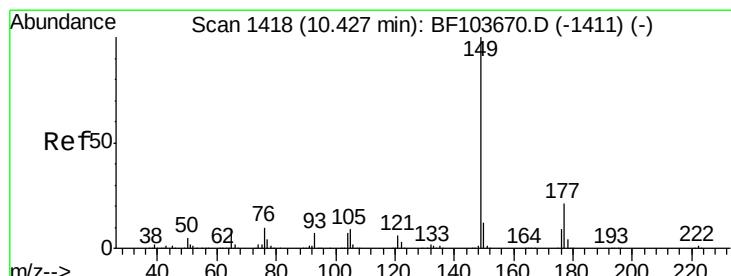
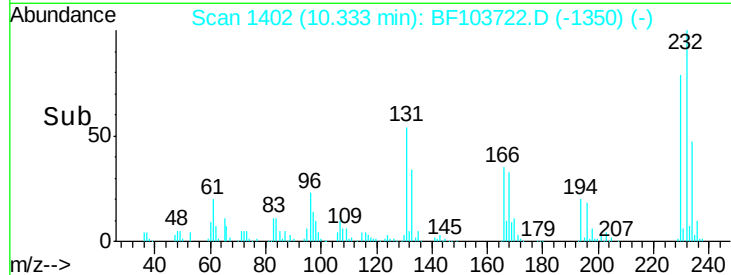
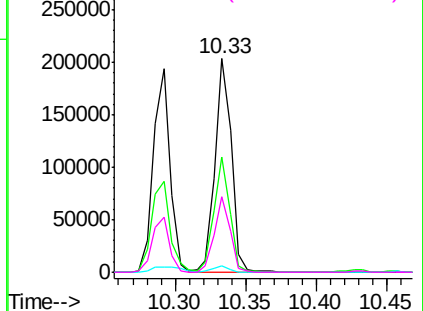
#58
2,3,4,6-Tetrachlorophenol
Concen: 42.546 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 163972
Ion Ratio Lower Upper
232 100
131 52.0 43.8 65.8
130 2.8 2.1 3.1
166 34.0 27.8 41.6

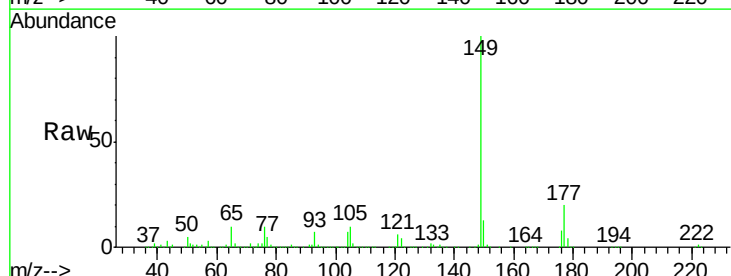


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

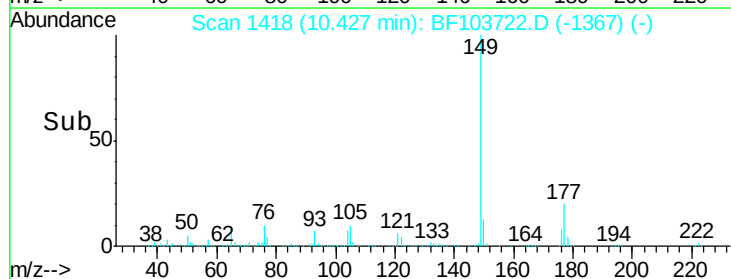
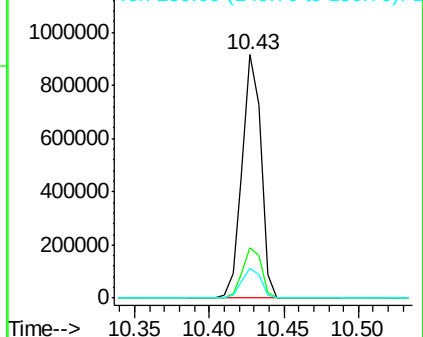


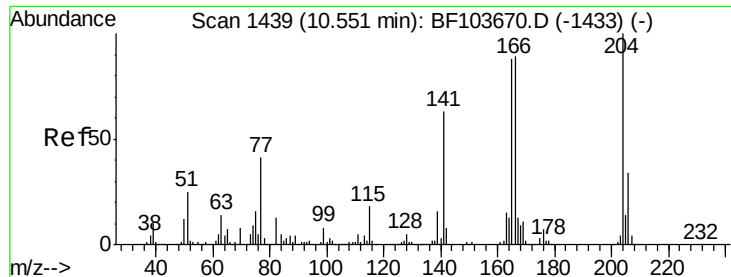
#59
Diethylphthalate
Concen: 40.261 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion:149 Resp: 805113
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.5 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

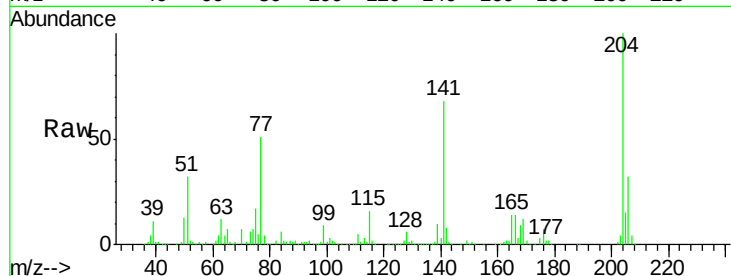




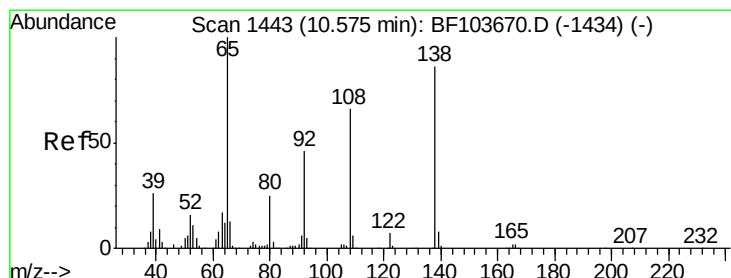
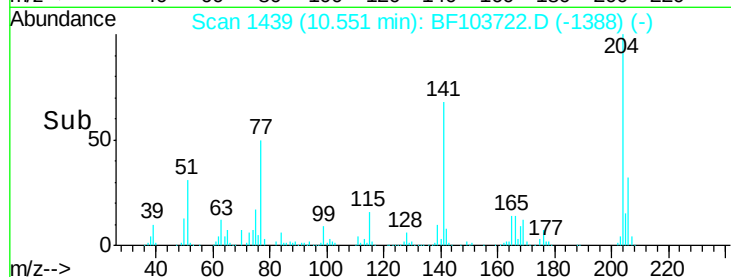
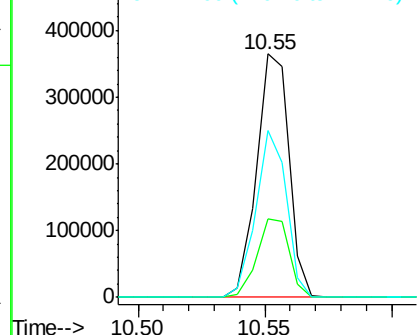
#60
4-Chlorophenyl-phenylether
Concen: 39.883 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	68.4	54.6	81.8

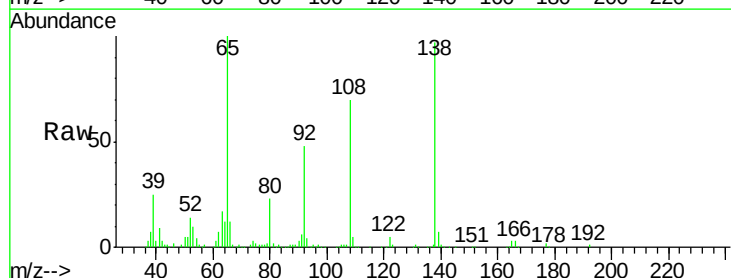


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

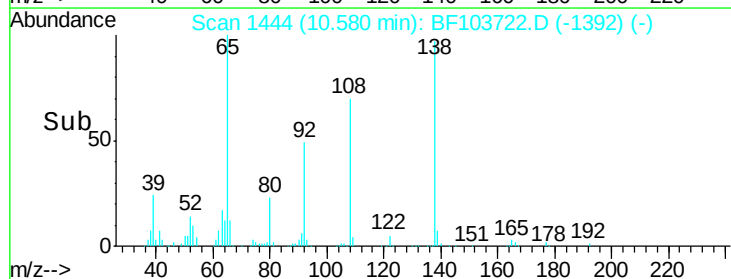
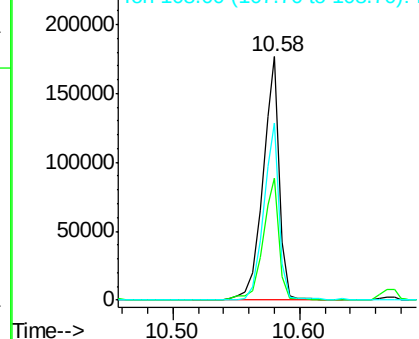


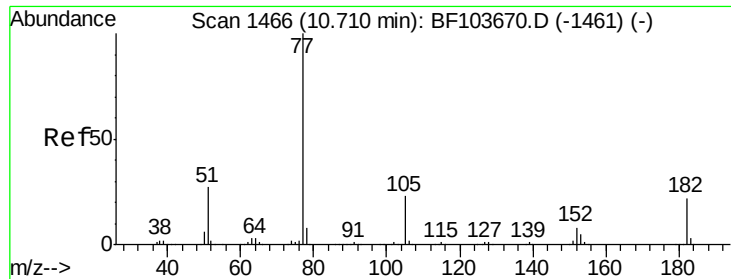
#61
4-Nitroaniline
Concen: 36.825 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	30.2	70.2
108	72.7	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: 36.517 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 742417

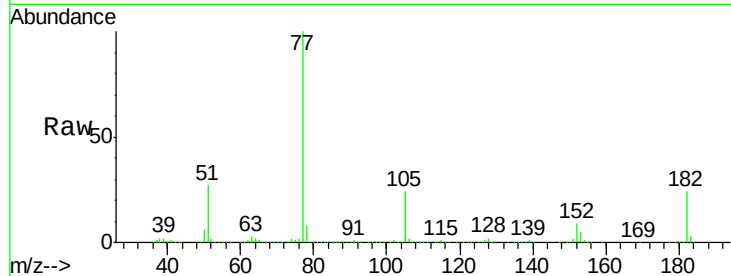
Ion Ratio Lower Upper

77 100

182 24.3 1.7 41.7

105 24.0 3.0 43.0

51 26.6 9.9 49.9

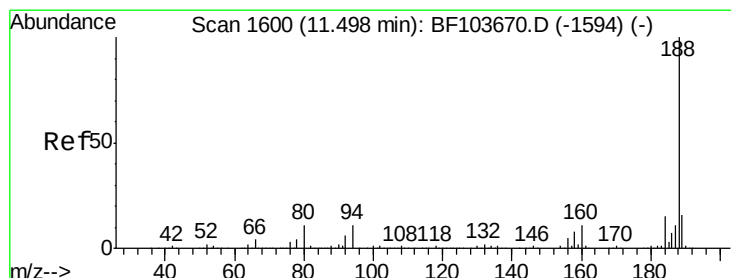
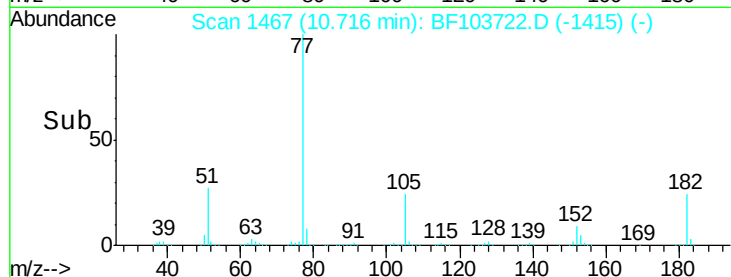
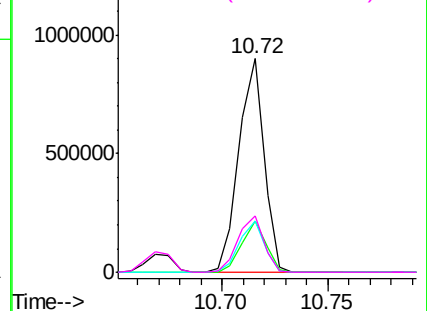


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

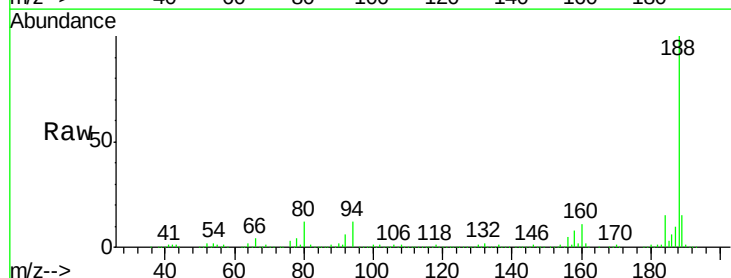
Tgt Ion: 188 Resp: 379948

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

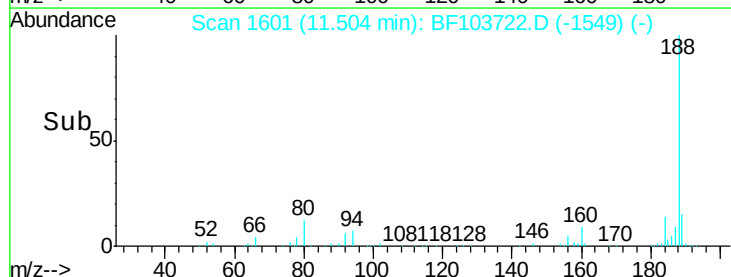
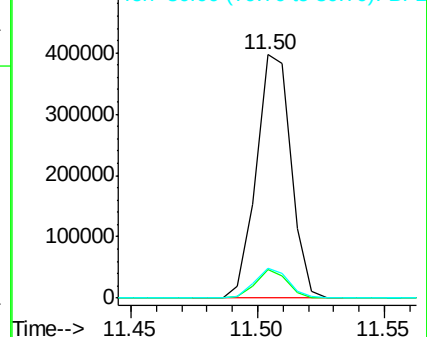
80 12.4 9.2 13.8

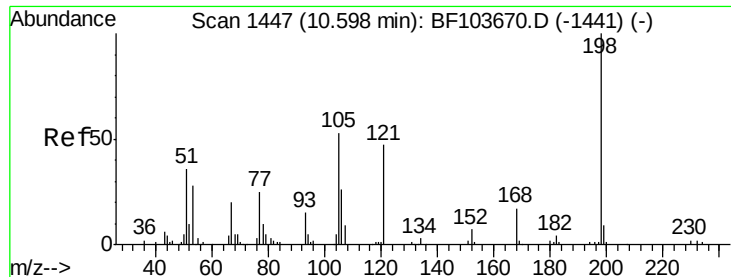


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

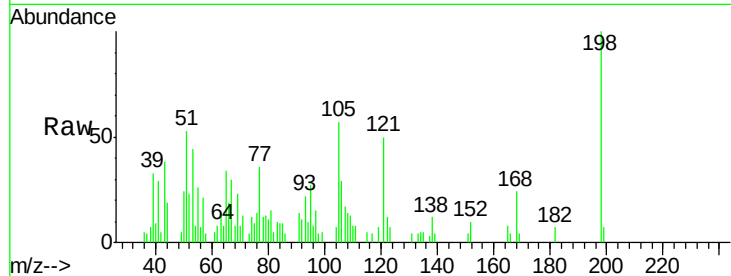




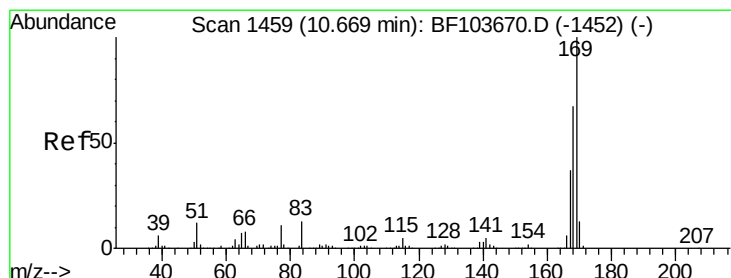
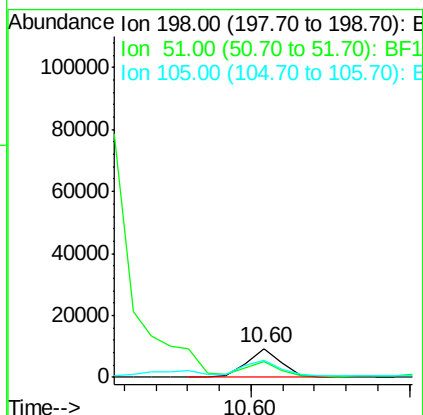
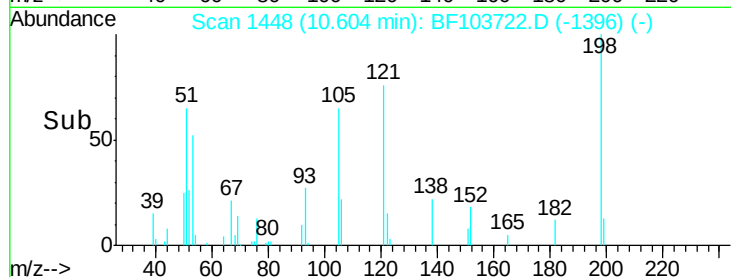
#64
4,6-Dinitro-2-methylphenol
Concen: 13.375 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 6912
Ion Ratio Lower Upper
198 100
51 53.0 37.7 77.7
105 56.6 36.3 76.3

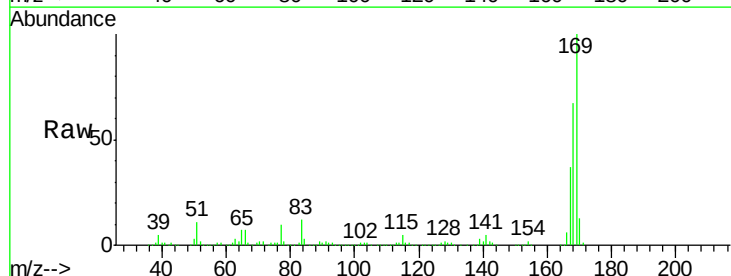


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

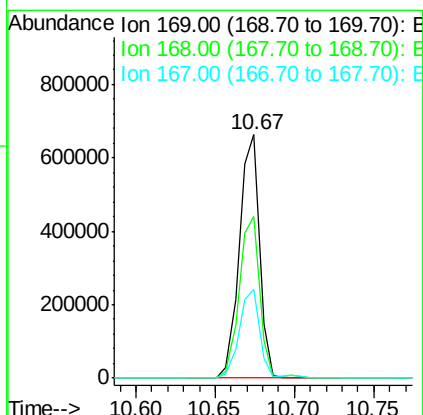
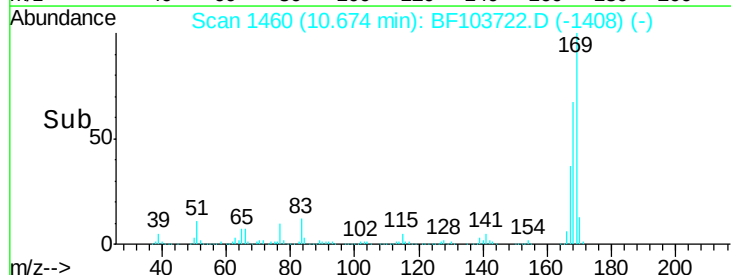


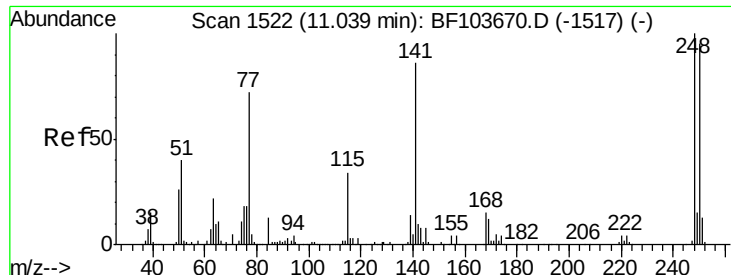
#65
n-Nitrosodiphenylamine
Concen: 45.158 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion:169 Resp: 584021
Ion Ratio Lower Upper
169 100
168 66.7 54.4 81.6
167 36.5 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

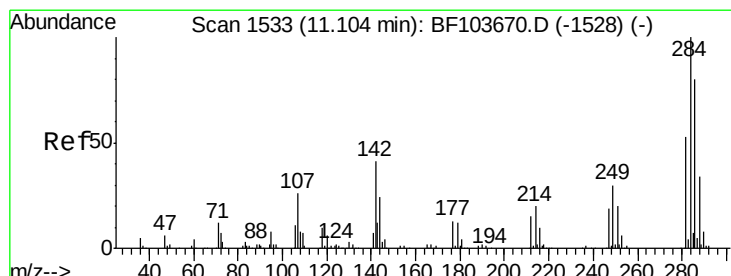
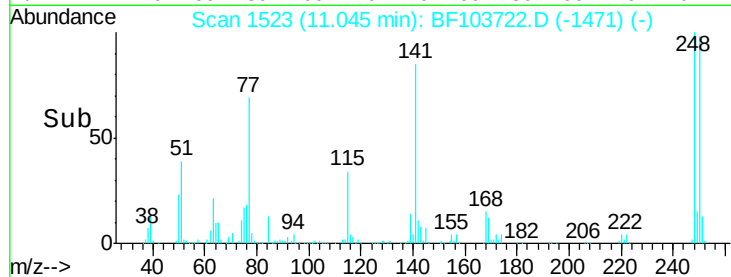
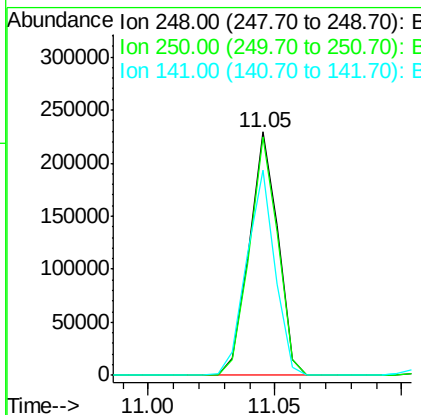
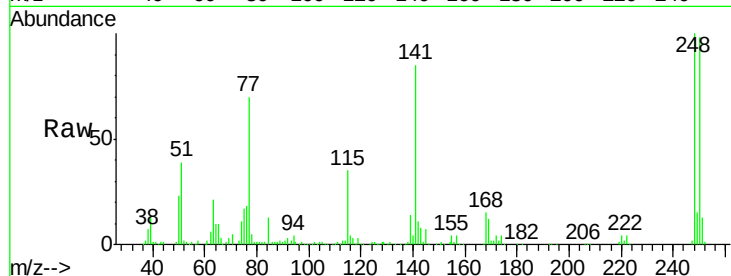




#66
 4-Bromophenyl-phenylether
 Concen: 46.387 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

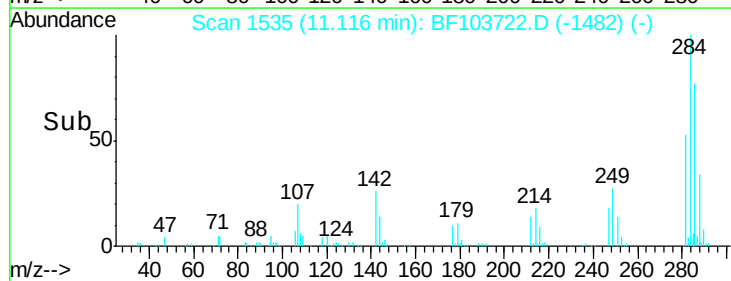
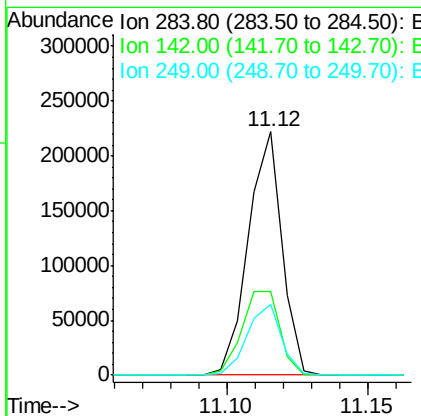
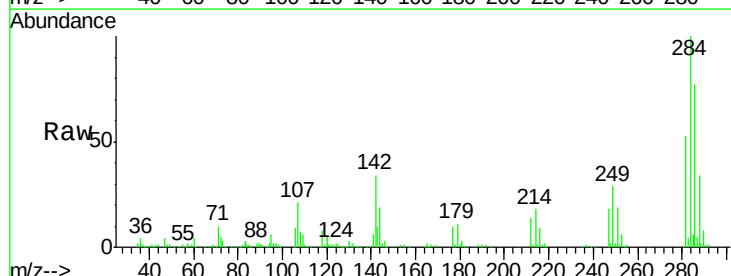
Instrument :
 BNA_F
 ClientSampleId :

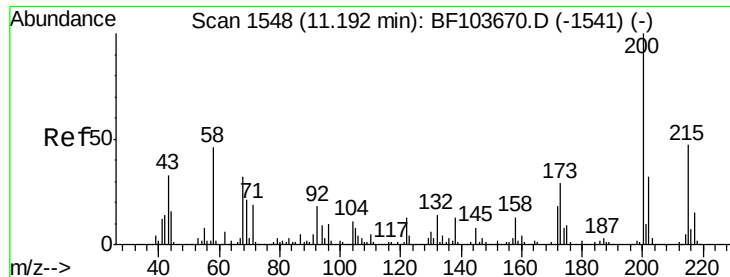
Tot Ion:248 Resp: 180960
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.9 115.3
 141 84.5 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 41.358 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Tgt Ion:284 Resp: 184144
 Ion Ratio Lower Upper
 284 100
 142 34.3 34.6 52.0#
 249 29.1 24.8 37.2

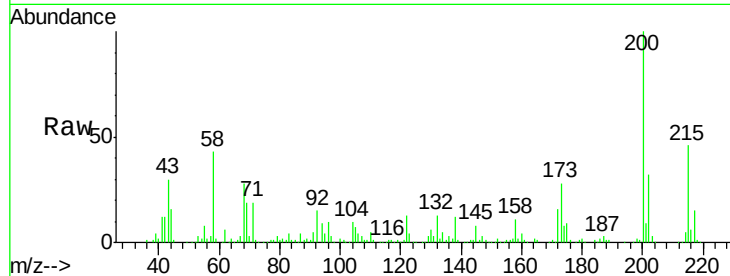




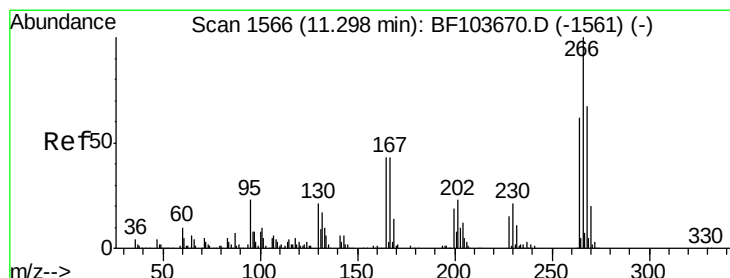
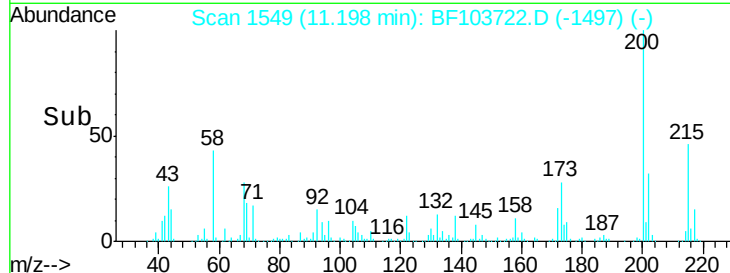
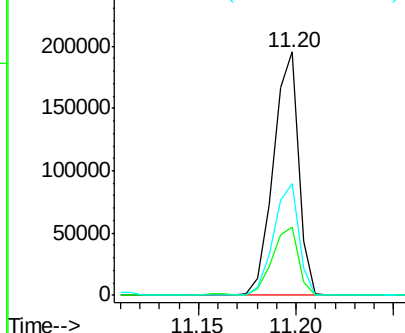
#68
Atrazine
Concen: 43.636 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.6	48.6
215	45.7	25.1	65.1

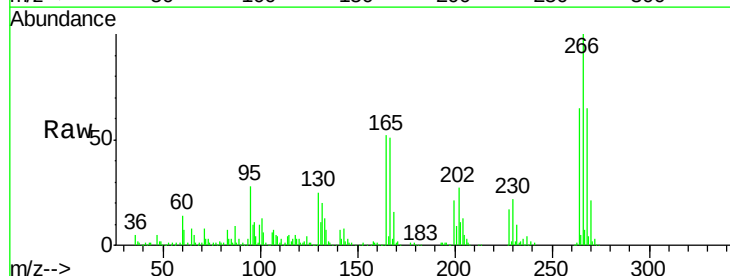


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

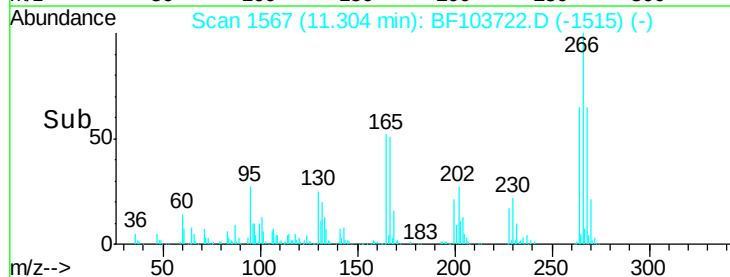
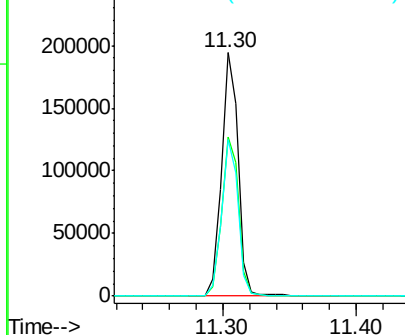


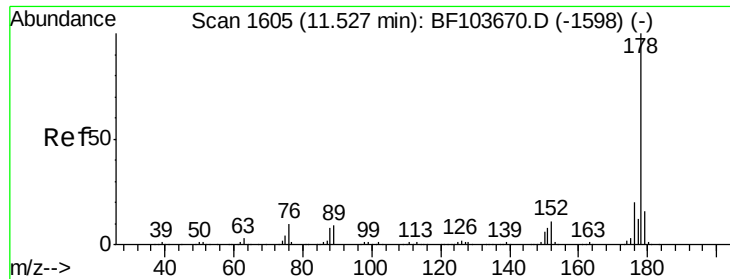
#69
Pentachlorophenol
Concen: 66.677 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.1	76.7
264	64.6	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

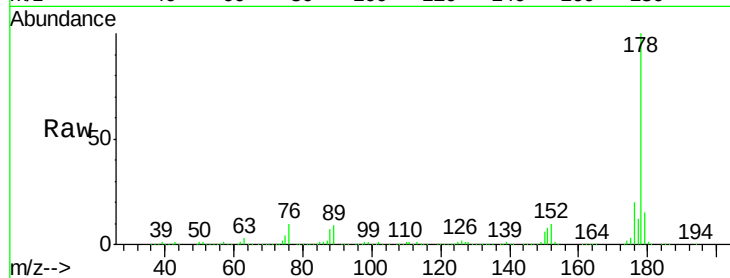




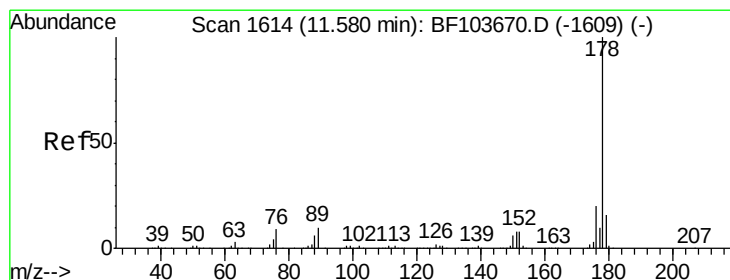
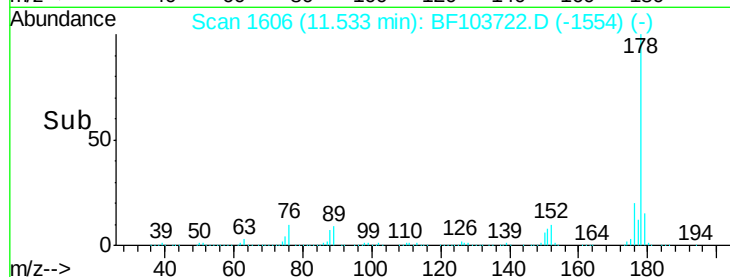
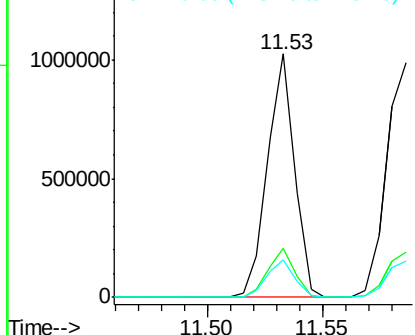
#70
 Phenanthrene
 Concen: 40.197 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 835462
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.5 13.0 19.6

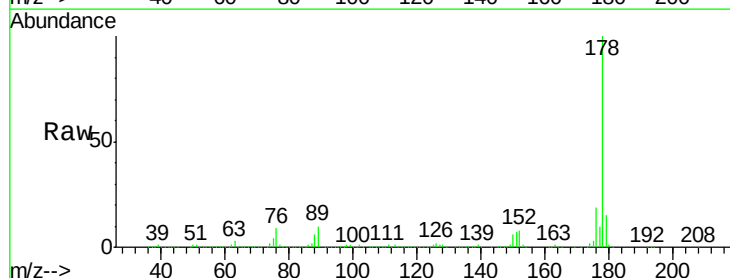


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

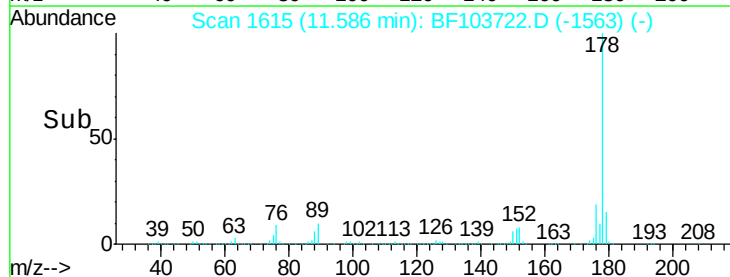
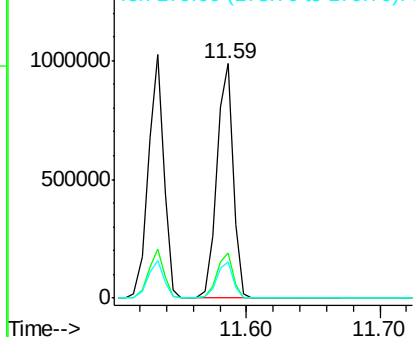


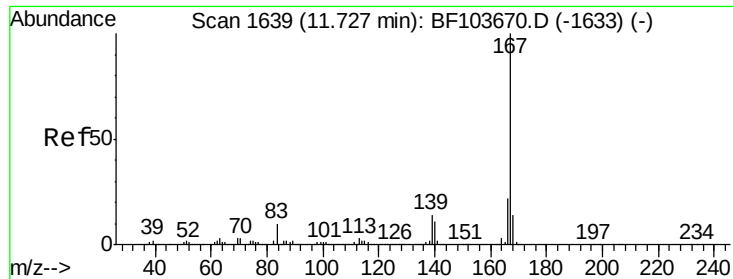
#71
 Anthracene
 Concen: 40.456 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Tgt Ion:178 Resp: 854001
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

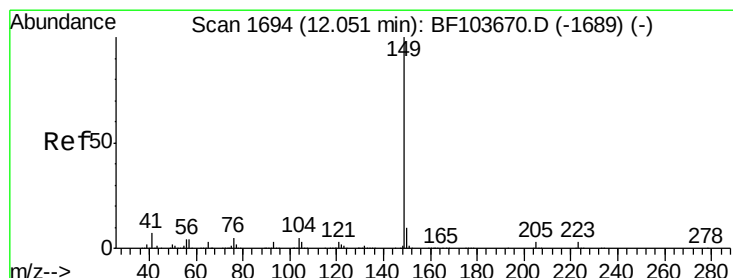
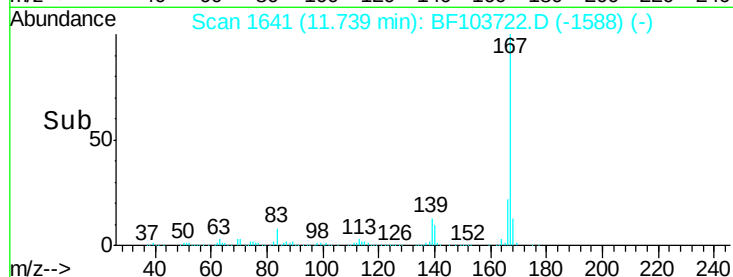
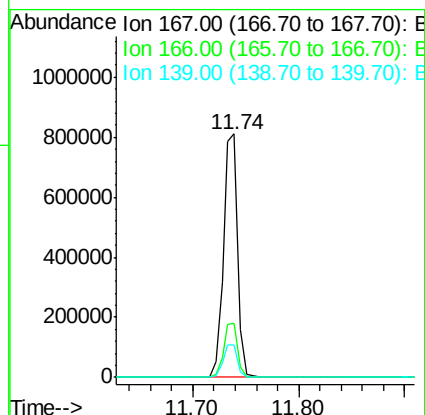
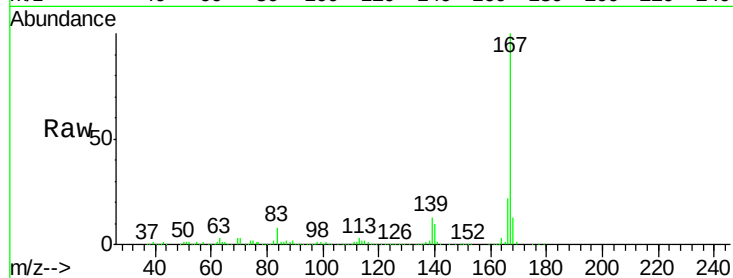




#72
 Carbazole
 Concen: 37.106 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

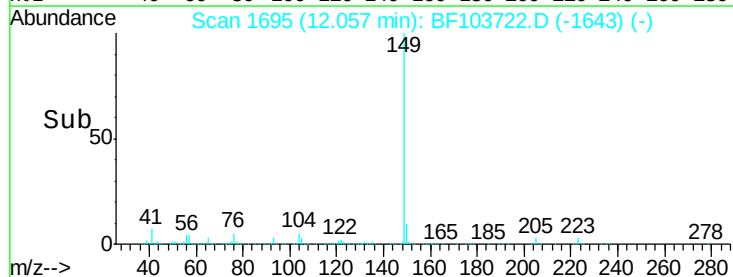
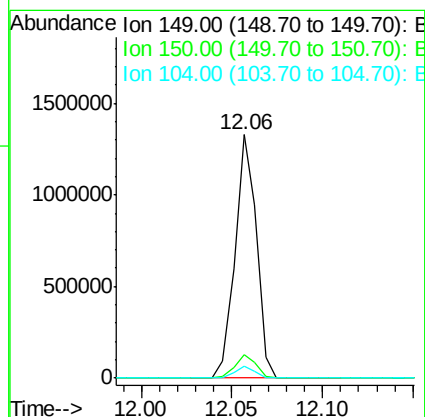
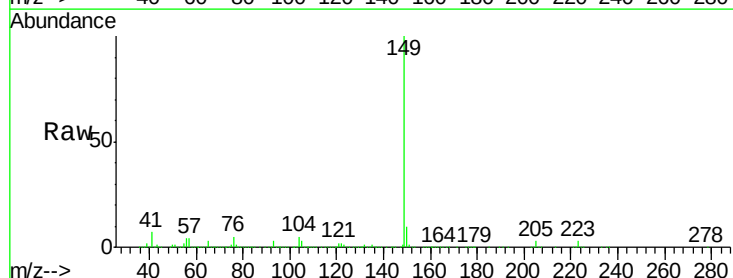
Instrument :
 BNA_F
 ClientSampleId :

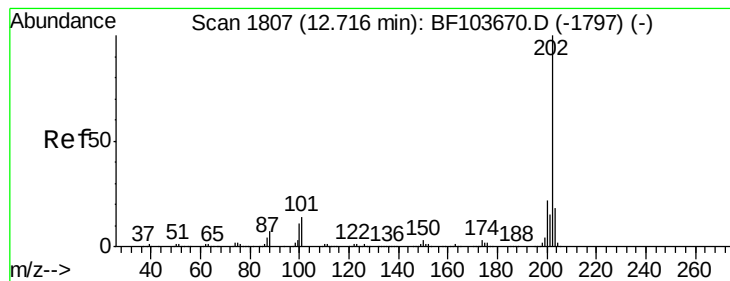
Tot Ion:167 Resp: 761318
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.2 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 44.145 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Tgt Ion:149 Resp: 1086792
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.0 3.8 5.8





#74

Fluoranthene

Concen: 38.197 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA_F

ClientSampleId :

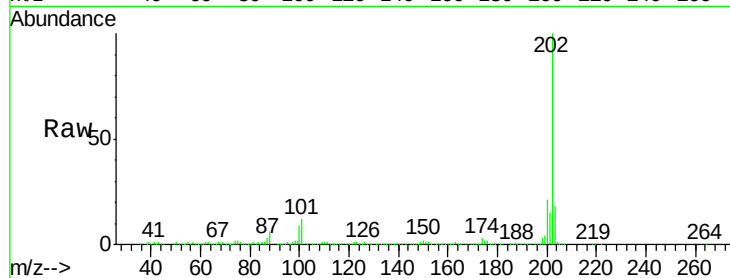
Tot Ion:202 Resp: 817895

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

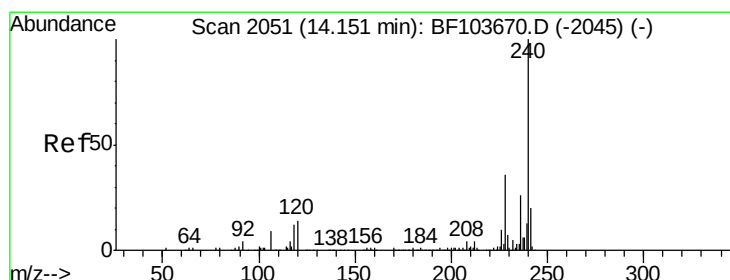
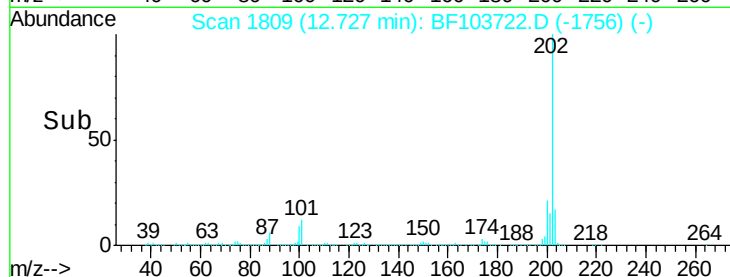
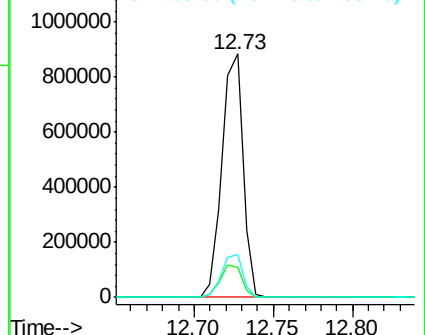
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

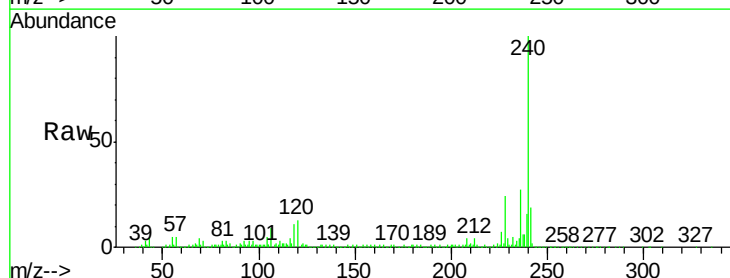
Tgt Ion:240 Resp: 290718

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

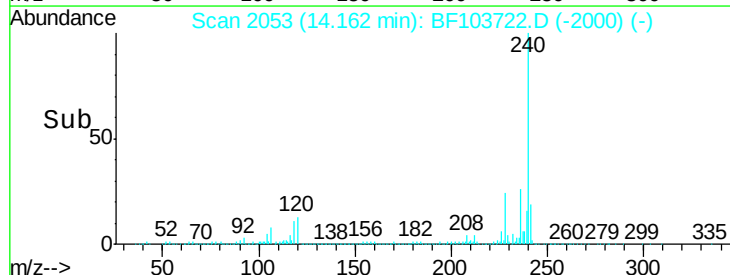
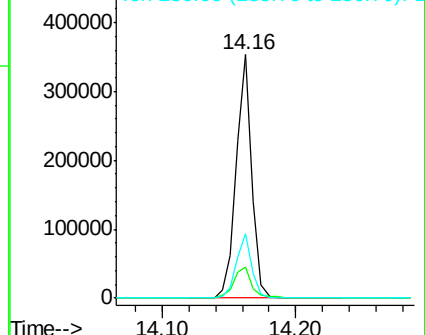
236 26.5 20.7 31.1

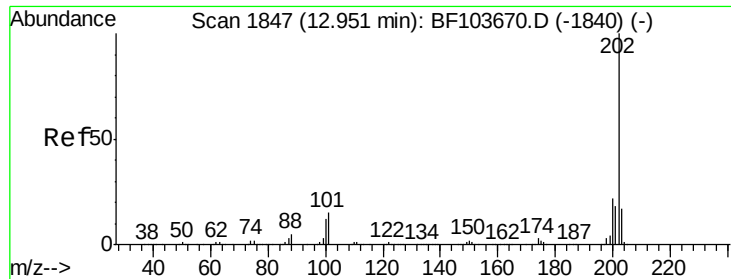


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

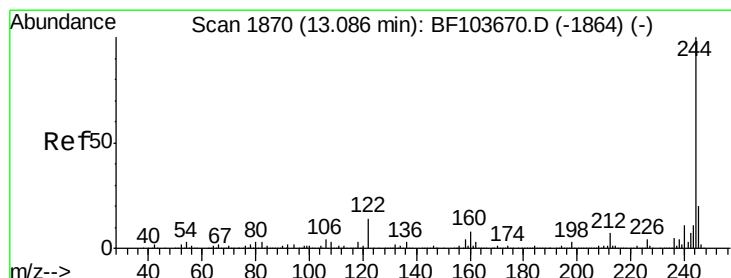
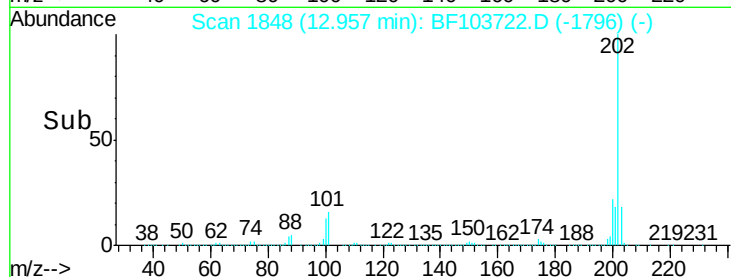
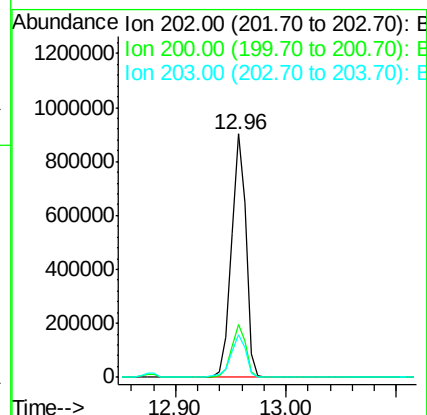
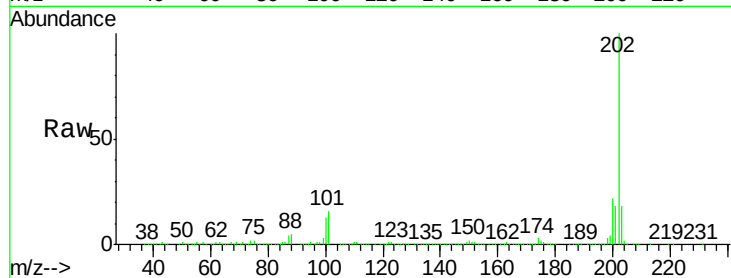




#77
Pvrene
Concen: 38.920 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

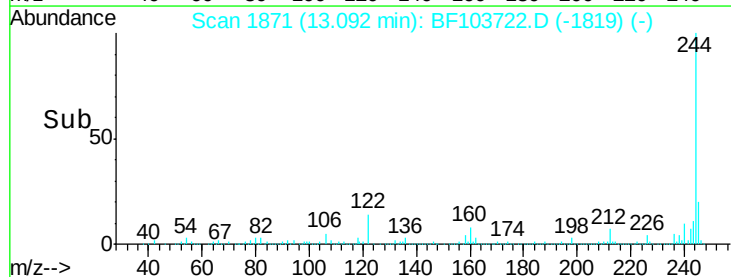
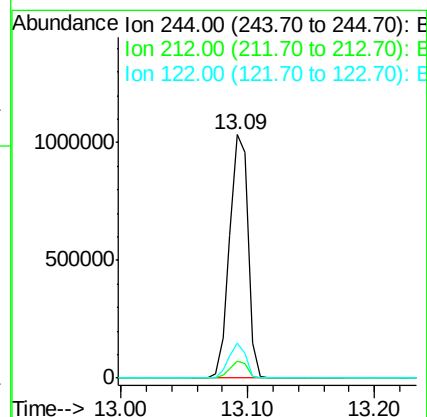
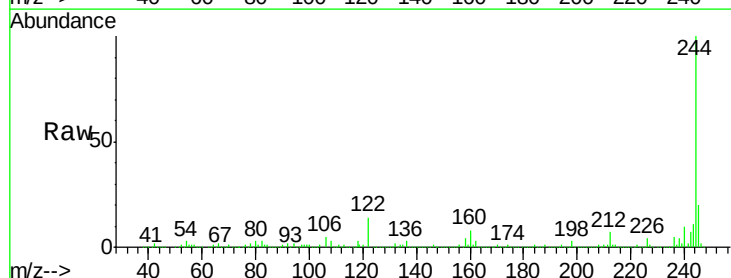
Instrument :
BNA_F
ClientSampled :

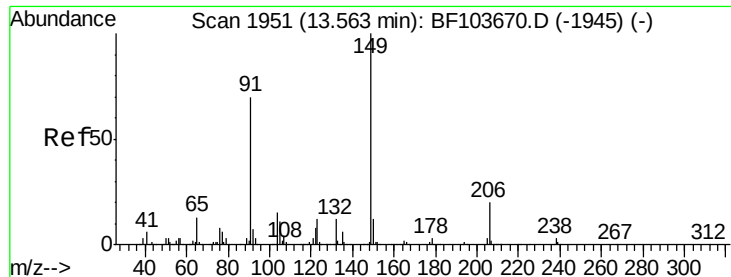
Tot Ion:202 Resp: 830957
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 83.092 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion:244 Resp: 1040703
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 14.4 11.0 16.4

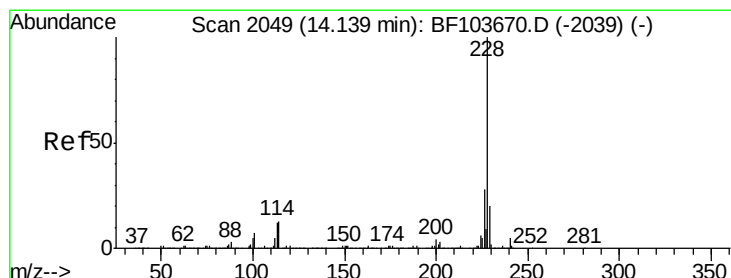
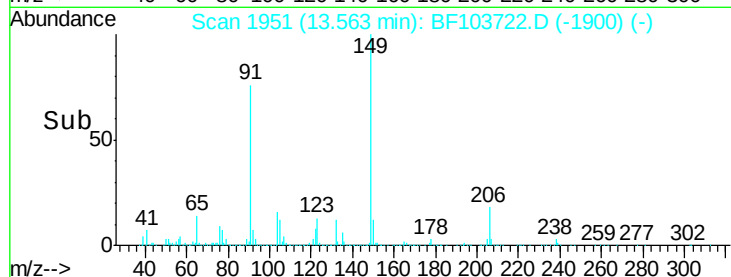
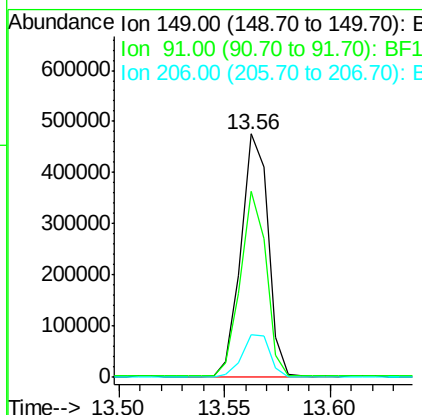
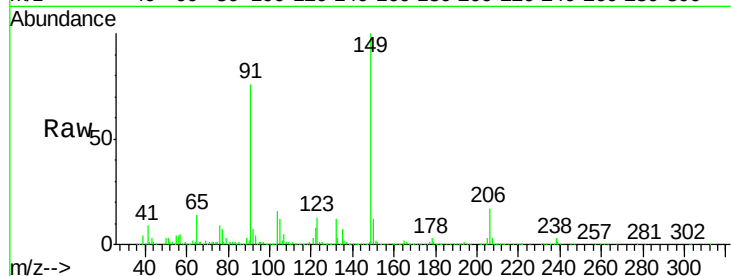




#79
Butylbenzylphthalate
Concen: 44.380 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

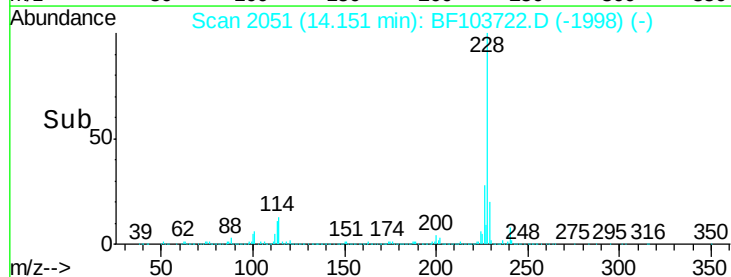
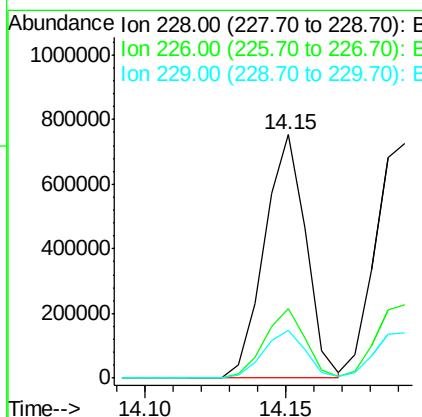
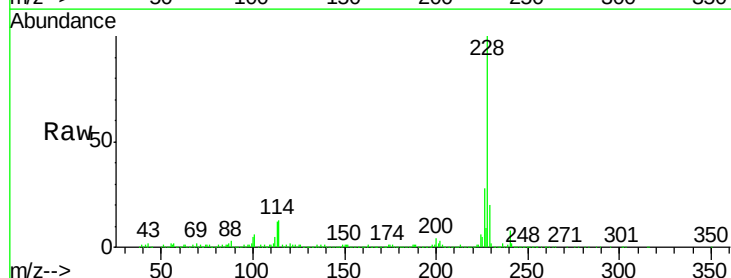
Instrument :
BNA_F
ClientSampleId :

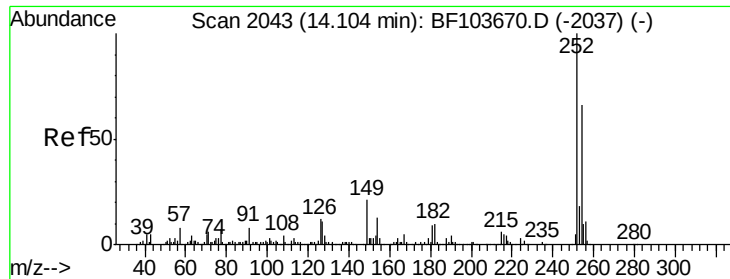
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.2	56.8	85.2
206	17.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.507 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103722.D
Acq: 17 Mar 2018 2:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.8	15.8	23.6

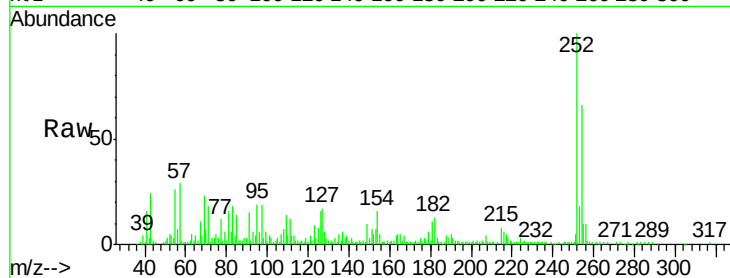




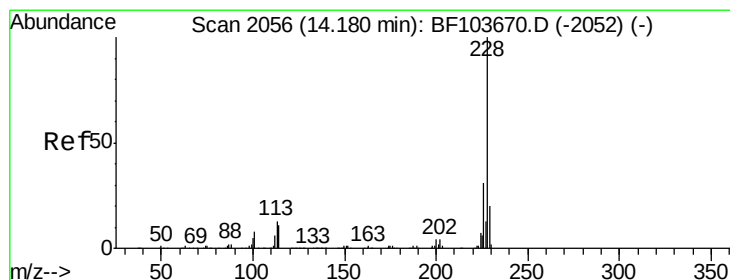
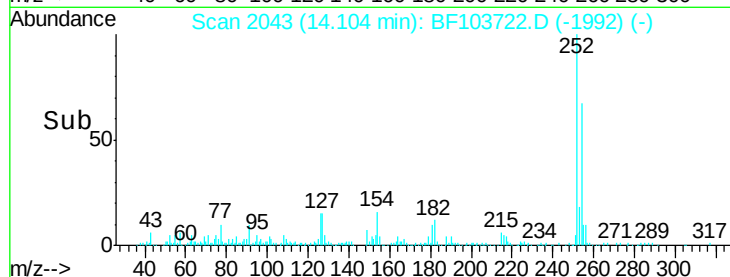
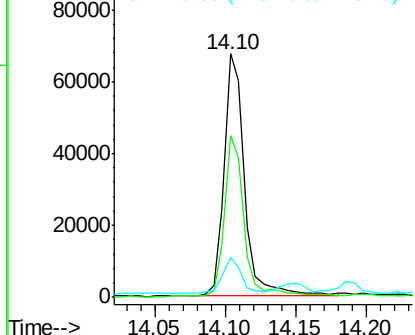
#81
 3,3'-Dichlorobenzidine
 Concen: 11.024 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 67861
 Ion Ratio Lower Upper
 252 100
 254 66.2 50.4 75.6
 126 16.4 11.3 16.9

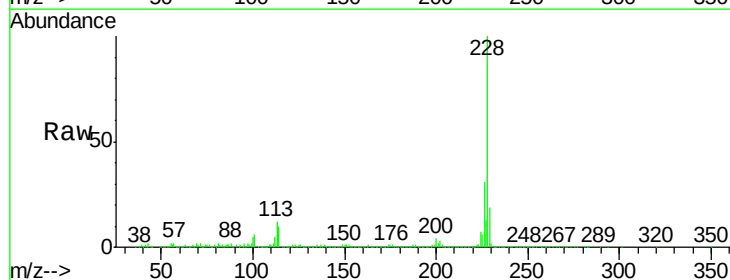


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

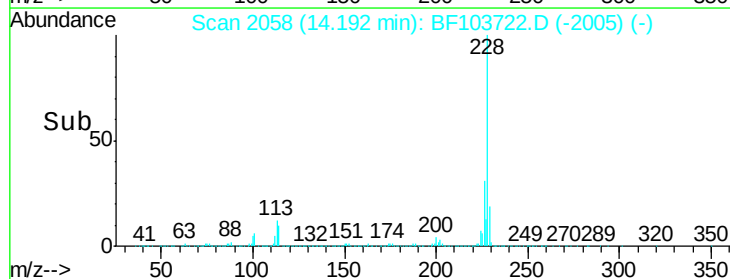
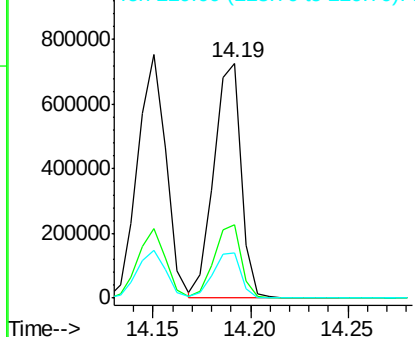


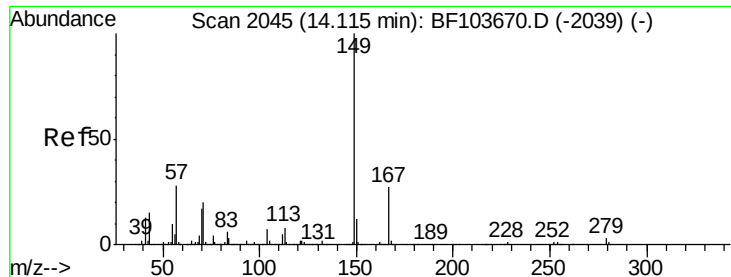
#82
 Chrysene
 Concen: 40.099 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Tgt Ion:228 Resp: 703428
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 19.4 16.2 24.4



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

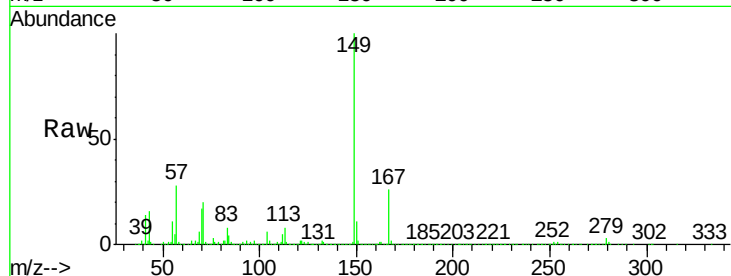




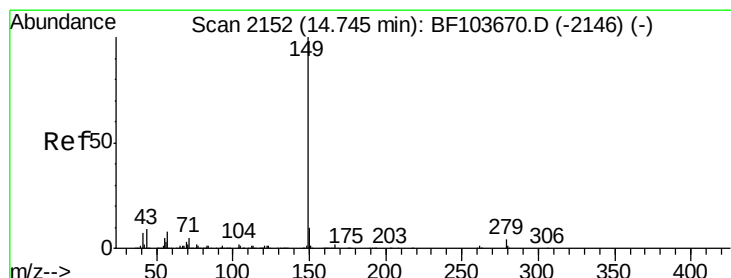
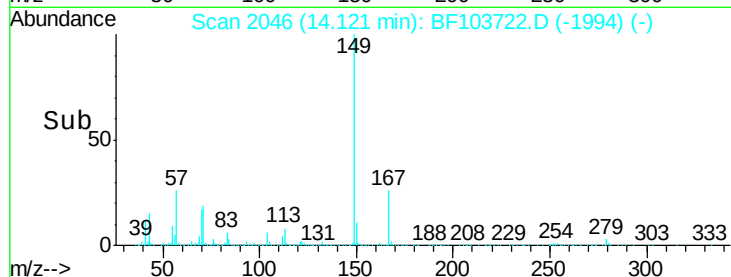
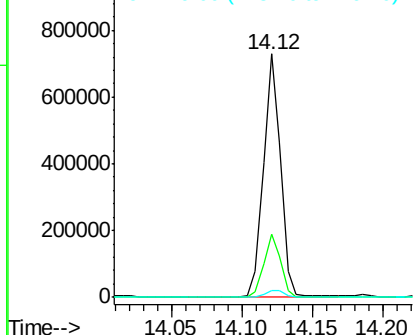
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.983 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	2.9	3.0	4.4#

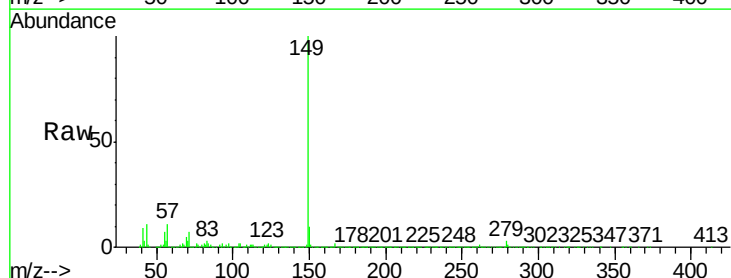


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

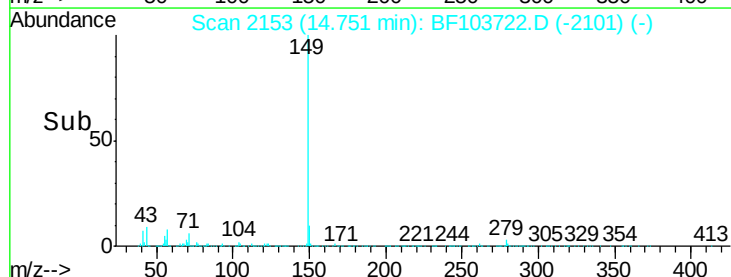
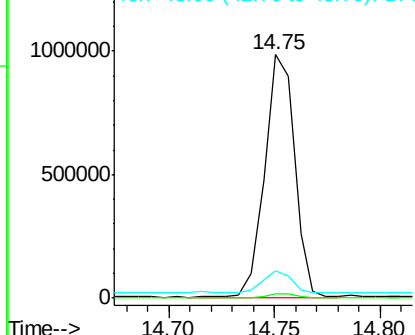


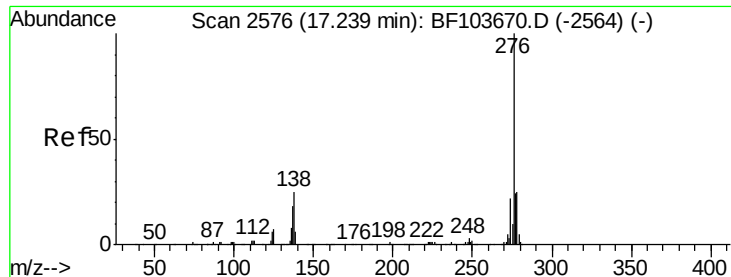
#84
 Di-n-octyl phthalate
 Concen: 49.245 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	8.4	12.6



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

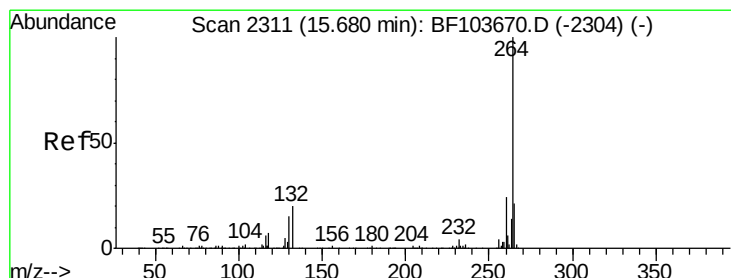
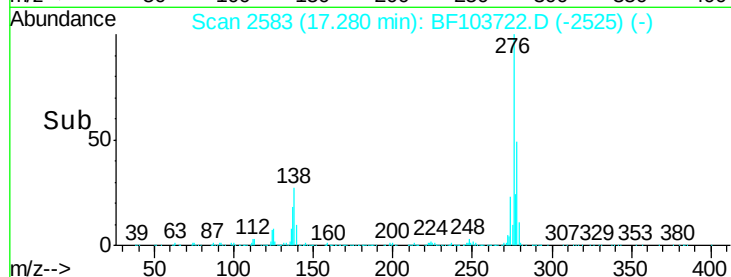
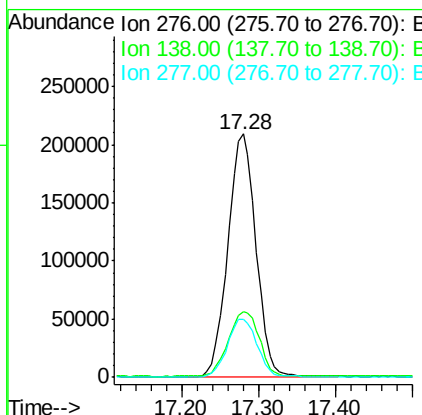
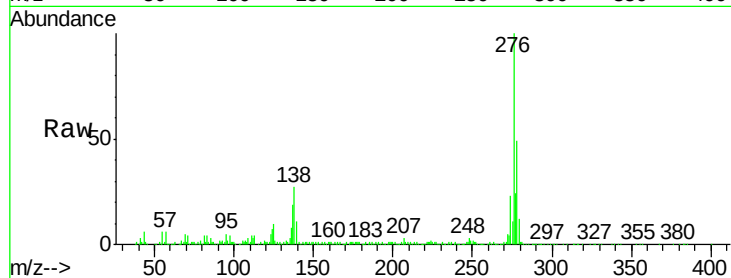




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.728 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. 0.04 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

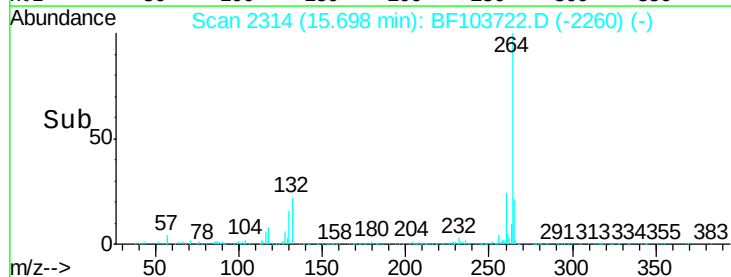
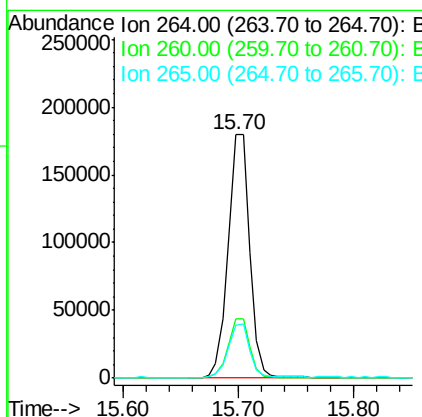
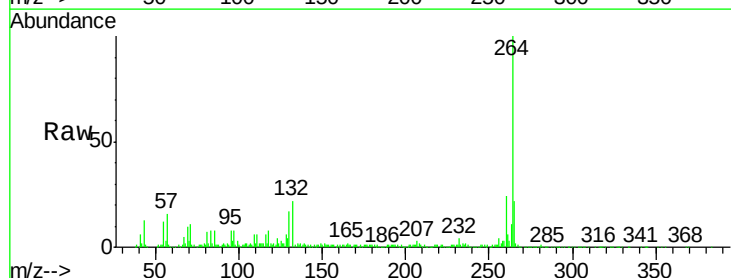
Instrument :
 BNA_F
 ClientSampleId :

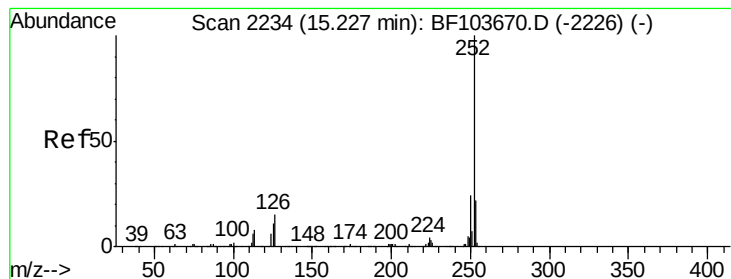
Tot Ion:276 Resp: 532011
 Ion Ratio Lower Upper
 276 100
 138 29.4 25.0 37.6
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.02 min
 Lab File: BF103722.D
 Acq: 17 Mar 2018 2:53

Tgt Ion:264 Resp: 231590
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.6 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 43.843 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.02 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA_F

ClientSampleId :

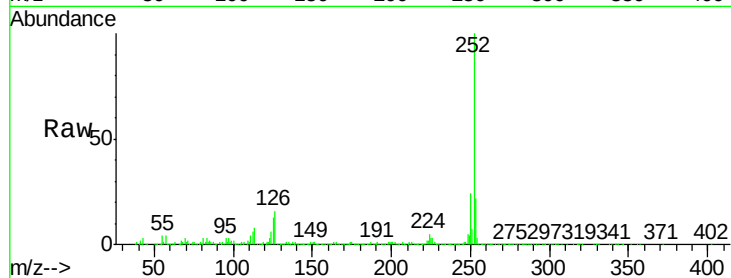
Tot Ion:252 Resp: 641479

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

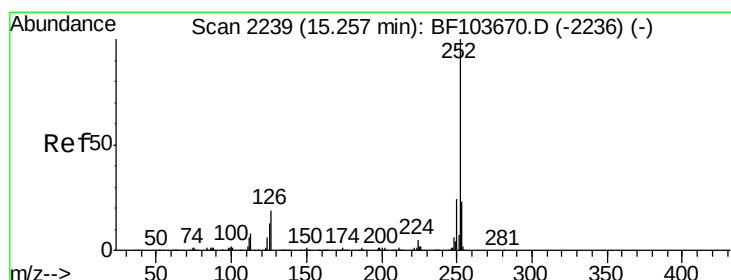
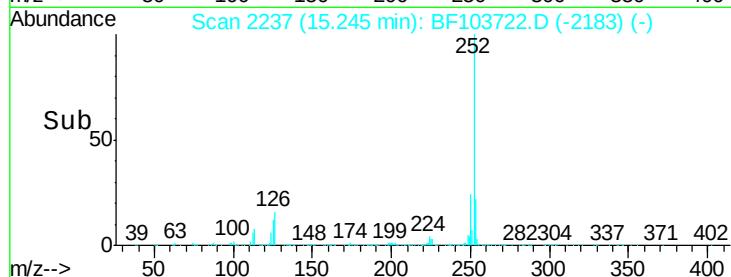
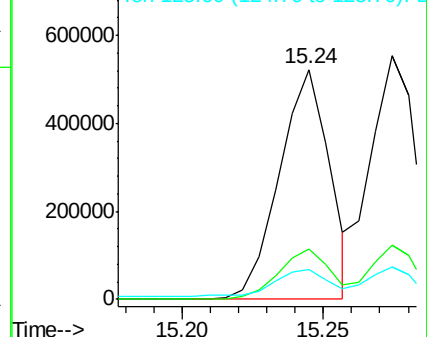
125 13.2 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 44.094 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.02 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

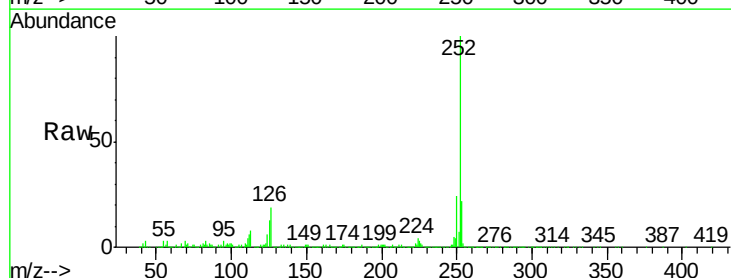
Tgt Ion:252 Resp: 620171

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

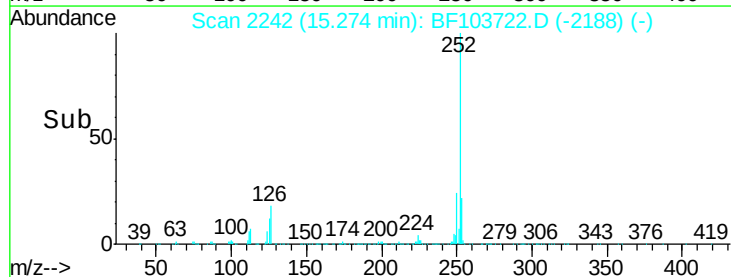
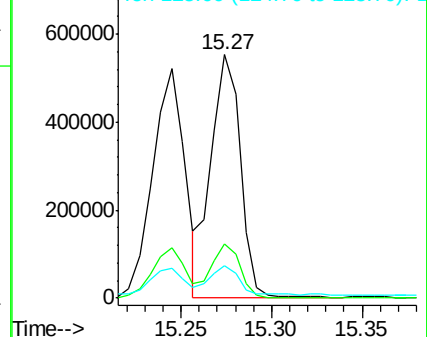
125 13.5 10.2 15.2

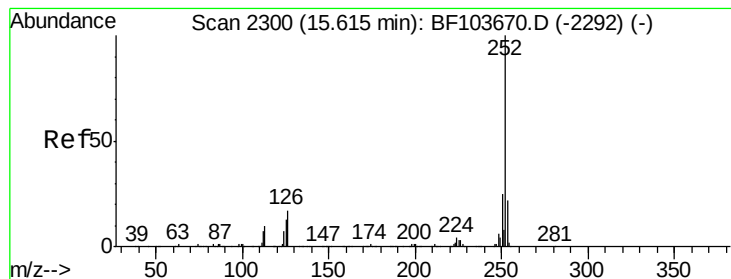


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.389 ng

RT: 15.64 min Scan# 2304

Delta R.T. 0.02 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA_F

ClientSampled :

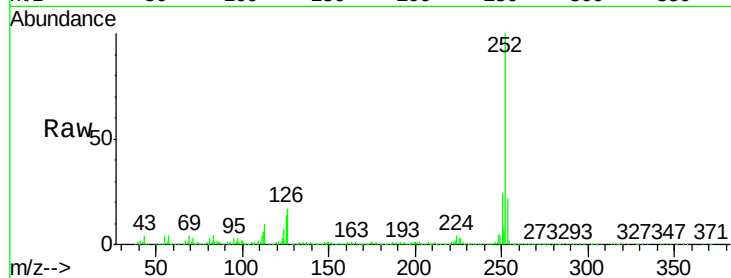
Tot Ion:252 Resp: 562526

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

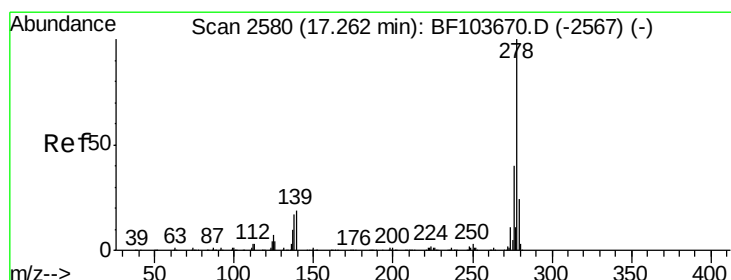
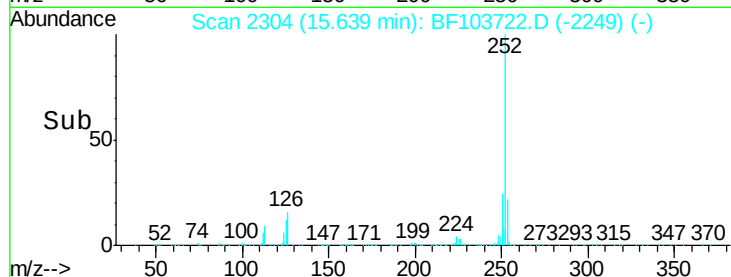
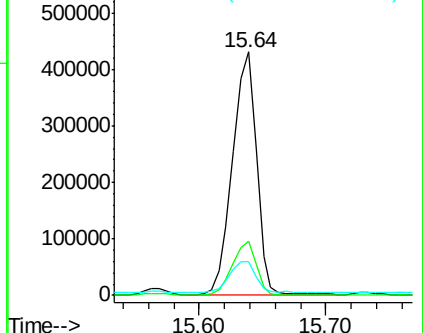
125 13.9 9.8 14.6



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: 38.910 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.04 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

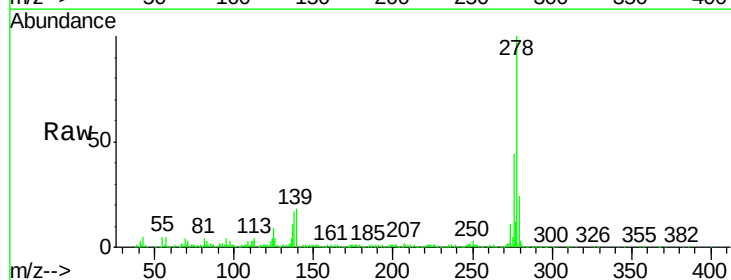
Tgt Ion:278 Resp: 447120

Ion Ratio Lower Upper

278 100

139 18.1 15.9 23.9

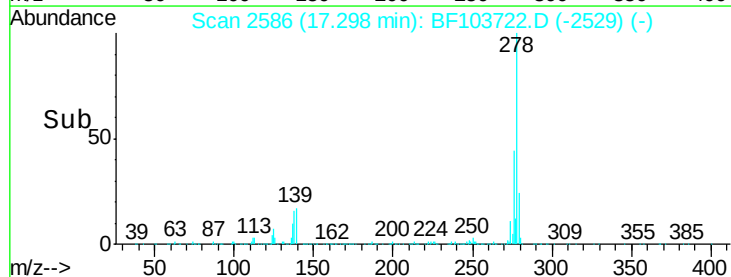
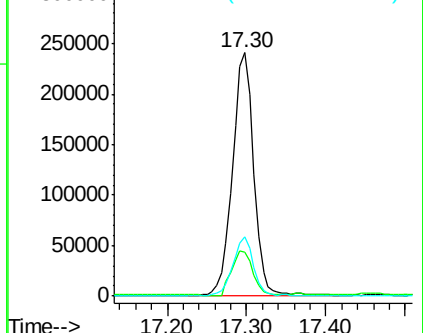
279 24.3 19.0 28.4

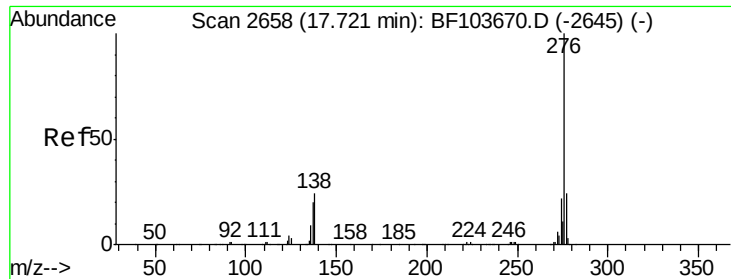


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.935 ng

RT: 17.76 min Scan# 2665

Delta R.T. 0.04 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 435253

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 25.4 21.8 32.8

