

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101618.D
 Acq On : 21 Dec 2017 20:21
 Operator : SJ/JU
 Sample : I6957-04MS 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 00:52:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	124118	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	465672	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	173432	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	263643	20.00	ng	0.00
75) Chrysene-d12	13.97	240	278682	20.00	ng	0.00
86) Perylene-d12	15.44	264	222663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	61544	7.39	ng	0.02
7) Phenol-d6	6.45	99	78062	7.53	ng	0.01
23) Nitrobenzene-d5	7.37	82	48428	5.79	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	8241	4.93	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	89606	8.01	ng	0.00
78) Terphenyl-d14	12.90	244	63523	5.50	ng	0.00

Target Compounds

						Qvalue
8) 2-Chlorophenol	6.59	128	18169	2.073	ng	90
10) Phenol	6.47	94	28729	2.431	ng	# 67
12) 1,3-Dichlorobenzene	6.74	146	21078	2.131	ng	96
13) 1,4-Dichlorobenzene	6.82	146	22463	2.224	ng	98
14) 1,2-Dichlorobenzene	6.97	146	20591	2.264	ng	96
15) Benzyl Alcohol	6.97	79	15554	2.179	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	36551	2.576	ng	68
17) 2-Methylphenol	7.07	107	16942	2.101	ng	# 73
19) n-Nitroso-di-n-propylamine	7.20	70	15279	2.244	ng	# 93
20) 3+4-Methylphenols	7.25	107	19492	2.281	ng	# 87
22) Acetophenone	7.22	105	29698	2.795	ng	# 93
24) Nitrobenzene	7.39	77	19502	2.106	ng	# 95
25) Isophorone	7.62	82	38241	2.279	ng	95
27) 2,4-Dimethylphenol	7.75	122	15135	2.240	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	24195	2.270	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	15819	2.245	ng	98
31) Naphthalene	8.10	128	54232	2.313	ng	98
32) Benzoic acid	7.75	122	15135	10.734	ng	# 19
34) Hexachlorobutadiene	8.21	225	9001	2.209	ng	96
37) 2-Methylnaphthalene	8.80	142	35031	2.294	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	14770	2.522	ng	96
45) 1,1'-Biphenyl	9.26	154	40923	2.661	ng	99
46) 2-Chloronaphthalene	9.29	162	28888	2.455	ng	94
47) 2-Nitroaniline	9.40	65	9361	2.303	ng	86
48) Acenaphthylene	9.70	152	43379	2.334	ng	100
49) Dimethylphthalate	9.55	163	44009	3.155	ng	97
51) Acenaphthene	9.86	154	24829	2.223	ng	95
54) Dibenzofuran	10.04	168	36519	2.573	ng	98
55) 4-Nitrophenol	10.04	139	17115	11.104	ng	# 10
57) Fluorene	10.39	166	27152	2.262	ng	96
59) Diethylphthalate	10.25	149	32375	2.344	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	13982	2.430	ng	97
62) Azobenzene	10.53	77	39075	2.730	ng	94
65) n-Nitrosodiphenylamine	10.49	169	25686	2.639	ng	94

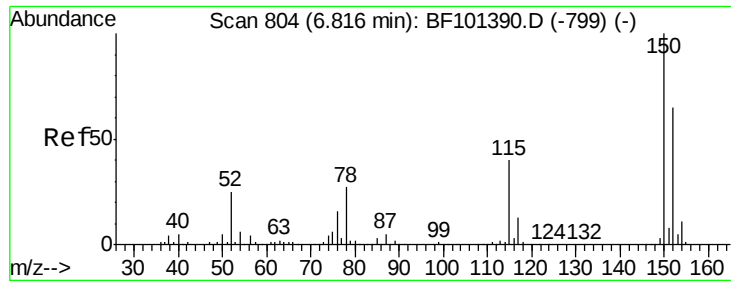
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101618.D
 Acq On : 21 Dec 2017 20:21
 Operator : SJ/JU
 Sample : I6957-04MS 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 00:52:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Bromophenyl-phenylether	10.86	248	7284	2.459	nq	87
67) Hexachlorobenzene	10.94	284	6977	2.225	nq #	87
68) Atrazine	11.02	200	7086	2.441	nq	95
70) Phenanthrene	11.35	178	35204	2.401	nq	97
71) Anthracene	11.40	178	33693	2.250	nq	97
72) Carbazole	11.57	167	29969	2.137	nq	98
73) Di-n-butylphthalate	11.87	149	49010	2.880	nq	97
74) Fluoranthene	12.54	202	35938	2.335	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	30793	2.569	nq	98
84) Di-n-octyl phthalate	14.53	149	51576	2.413	nq #	93

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

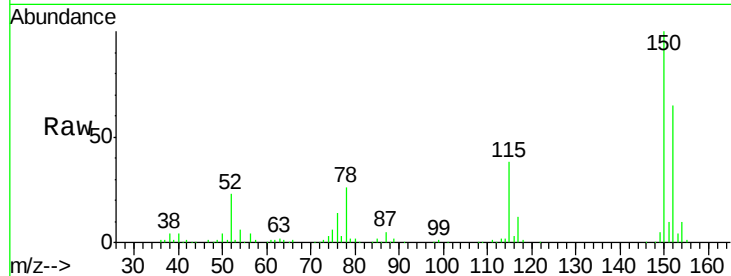


#1

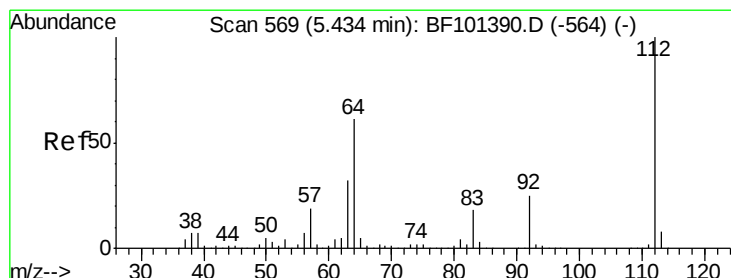
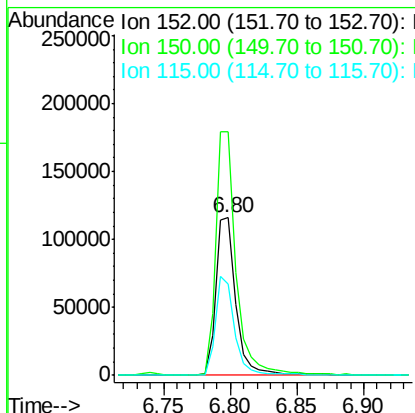
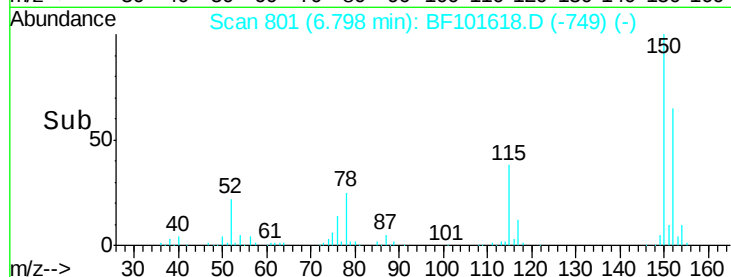
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 124118
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 58.2 50.1 75.1



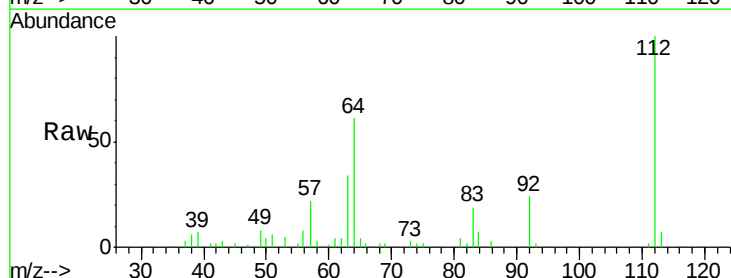
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



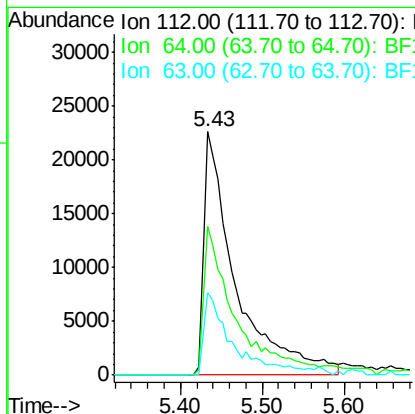
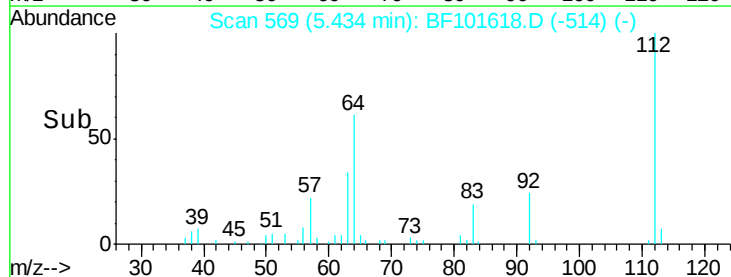
#5

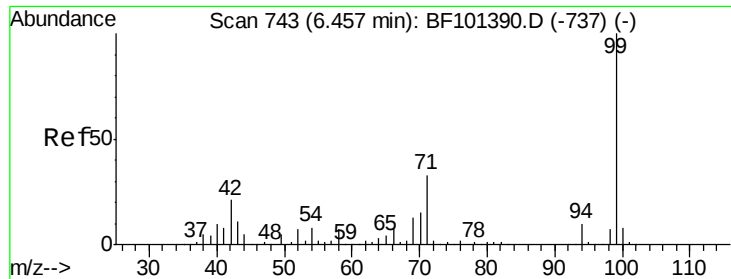
2-Fluorophenol
Concen: 7.386 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Tgt Ion:112 Resp: 61544
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 33.7 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





#7

Phenol-d6

Concen: 7.528 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

Instrument :

BNA_F

ClientSampleId :

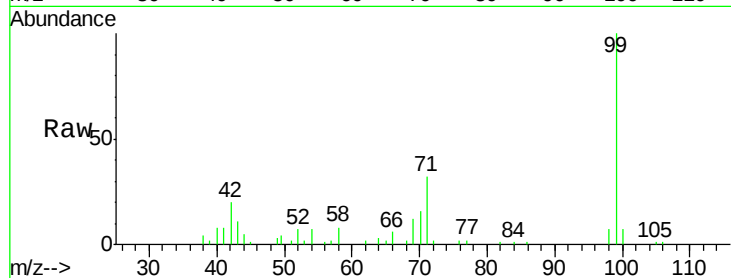
Tot Ion: 99 Resp: 78062

Ion Ratio Lower Upper

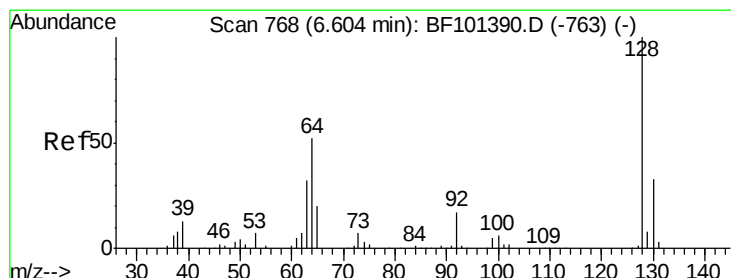
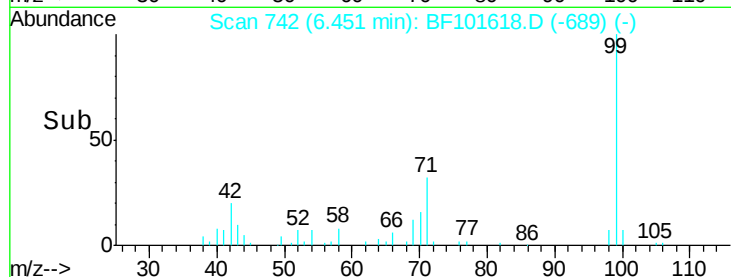
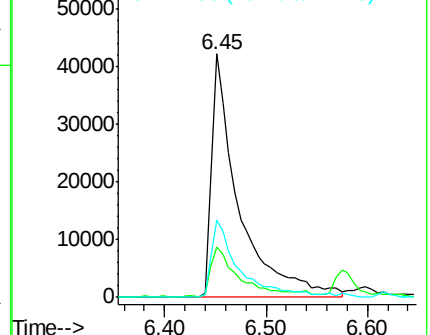
99 100

42 20.5 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: 2.073 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

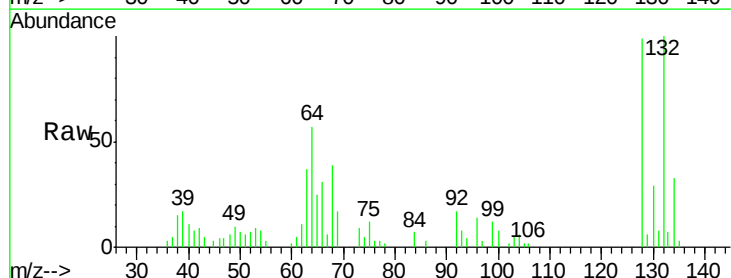
Tgt Ion: 128 Resp: 18169

Ion Ratio Lower Upper

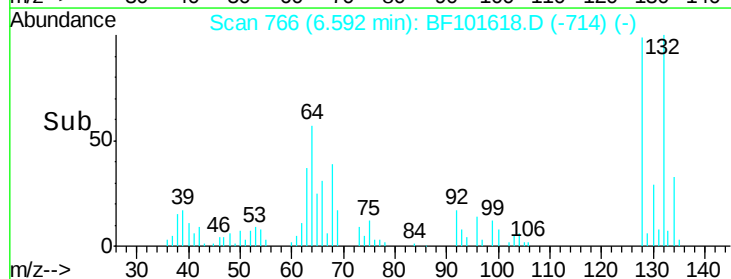
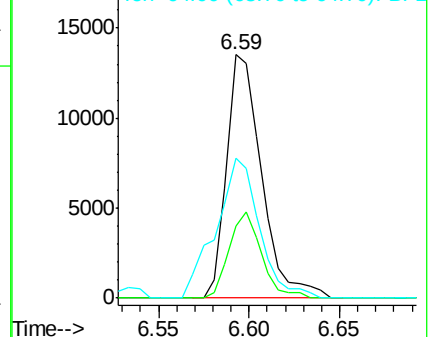
128 100

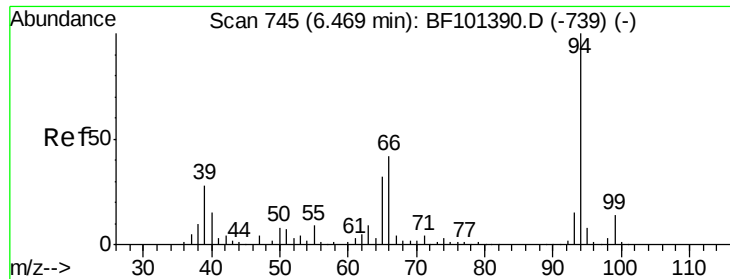
130 29.6 13.0 53.0

64 57.6 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





#10

Phenol

Concen: 2.431 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

Instrument :

BNA_F

ClientSampleId :

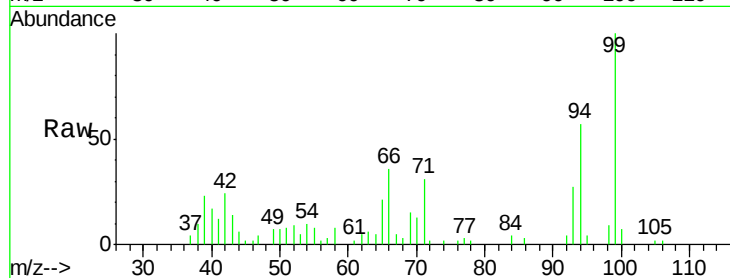
Tot Ion: 94 Resp: 28729

Ion Ratio Lower Upper

94 100

65 37.3 7.9 47.9

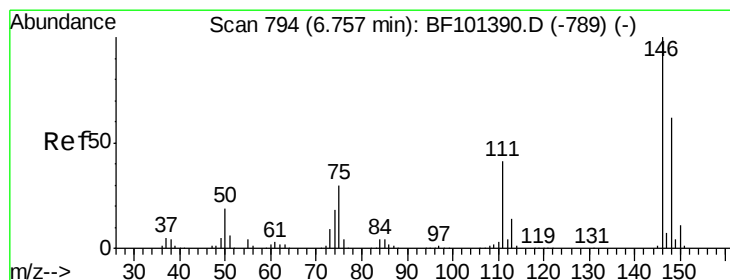
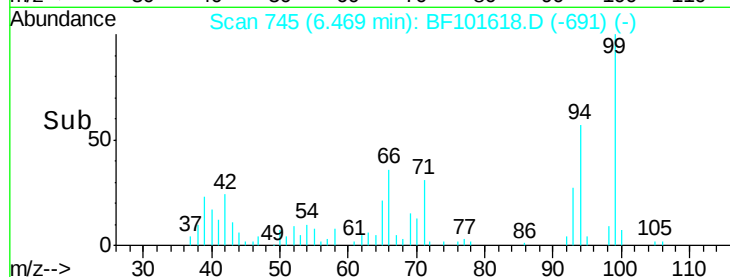
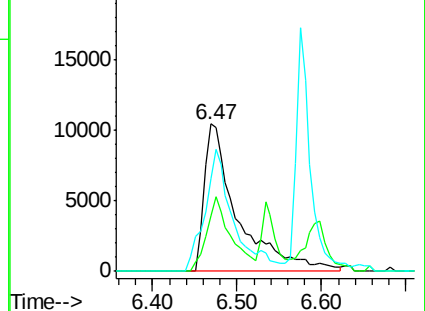
66 62.8 16.2 56.2#



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



#12

1,3-Dichlorobenzene

Concen: 2.131 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

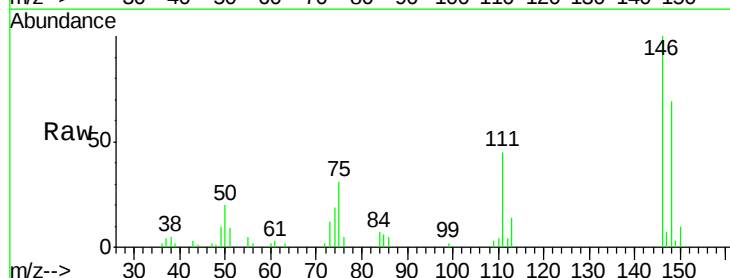
Tgt Ion: 146 Resp: 21078

Ion Ratio Lower Upper

146 100

148 69.1 51.8 77.8

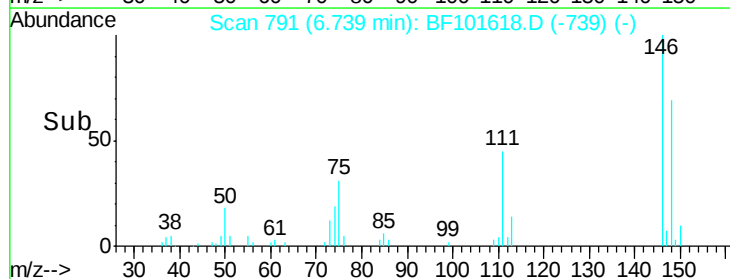
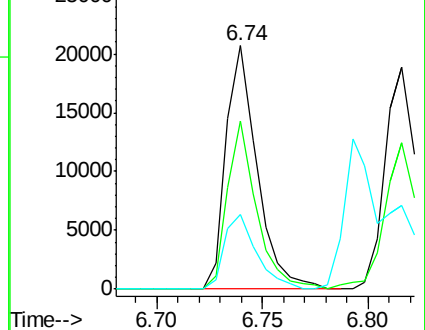
75 30.6 24.2 36.4

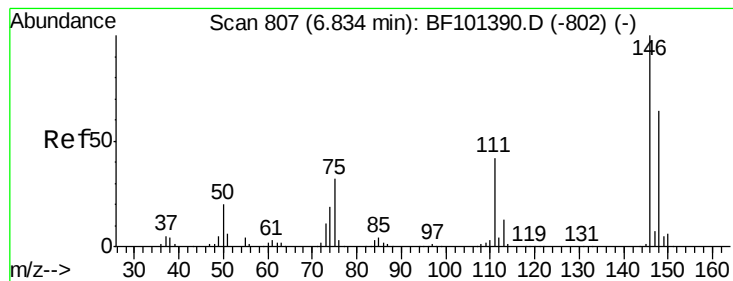


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 2.224 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

Instrument :

BNA_F

ClientSampled :

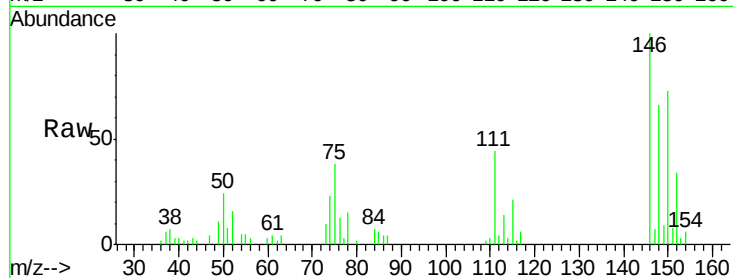
Tot Ion:146 Resp: 22463

Ion Ratio Lower Upper

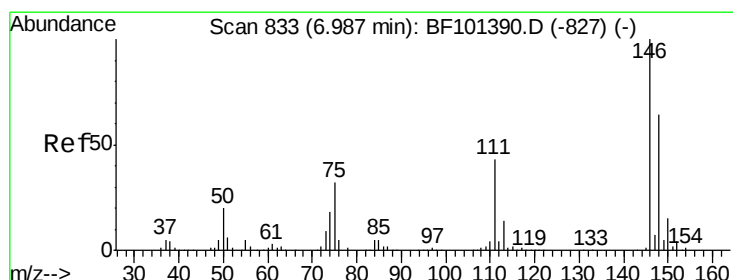
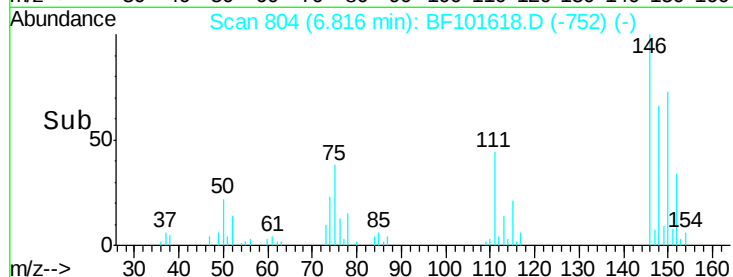
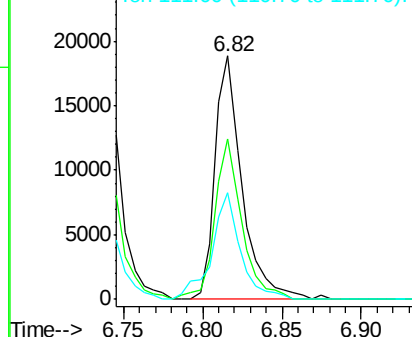
146 100

148 66.0 50.8 76.2

111 43.5 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 2.264 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

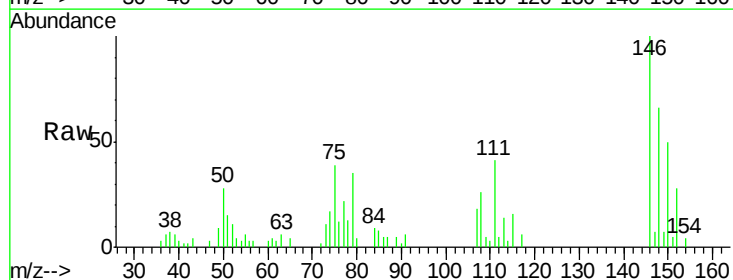
Tgt Ion:146 Resp: 20591

Ion Ratio Lower Upper

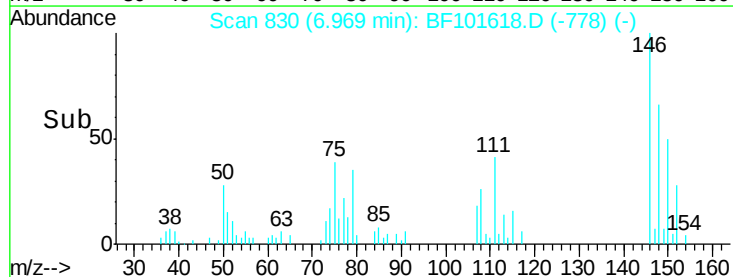
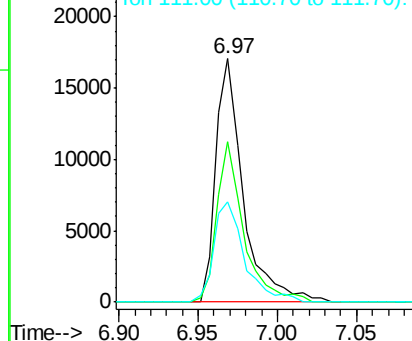
146 100

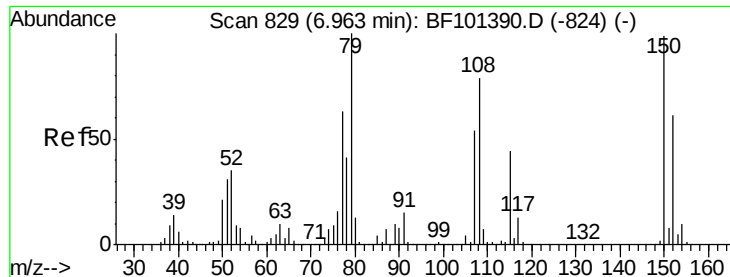
148 65.7 50.6 75.8

111 40.9 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

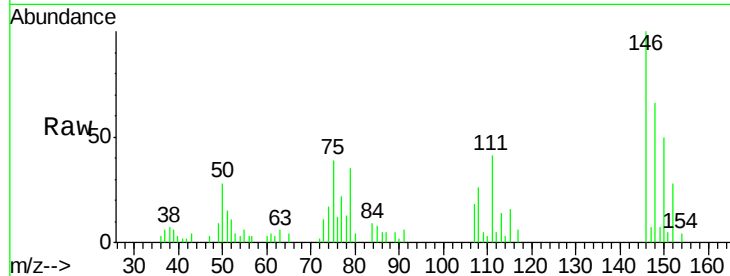




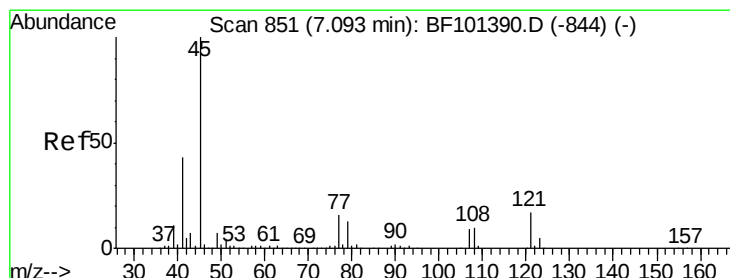
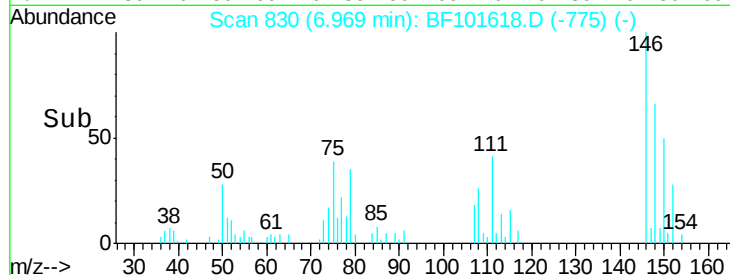
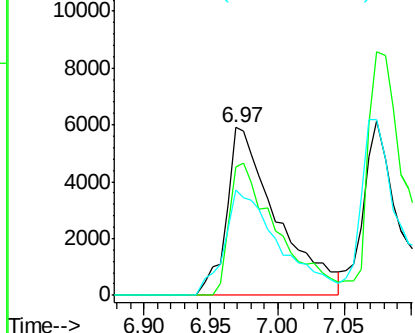
#15
Benzyl Alcohol
Concen: 2.179 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.02 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 15554
Ion Ratio Lower Upper
79 100
108 76.4 65.1 97.7
77 62.7 50.6 75.8

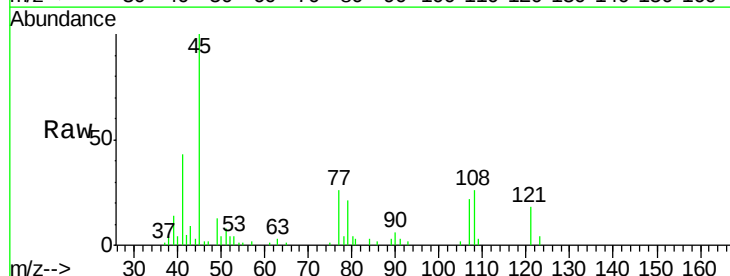


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

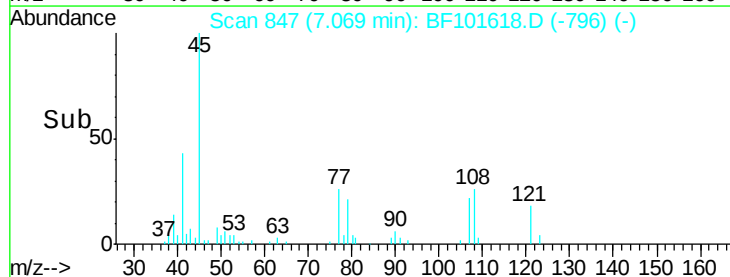
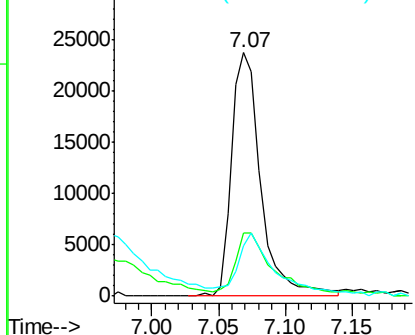


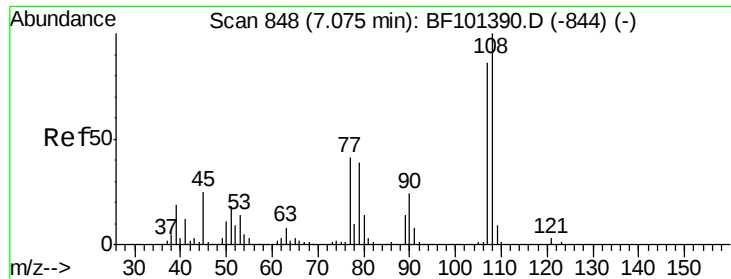
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.576 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Tgt Ion: 45 Resp: 36551
Ion Ratio Lower Upper
45 100
77 26.1 0.0 32.9
79 20.6 0.0 29.6



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

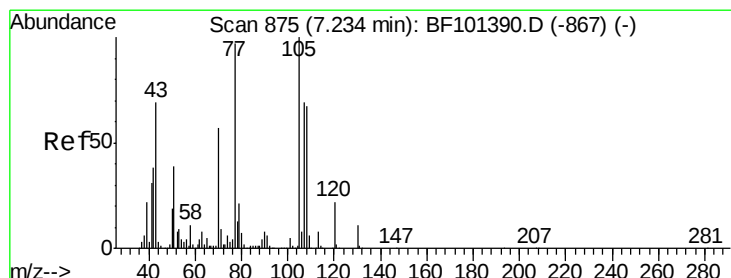
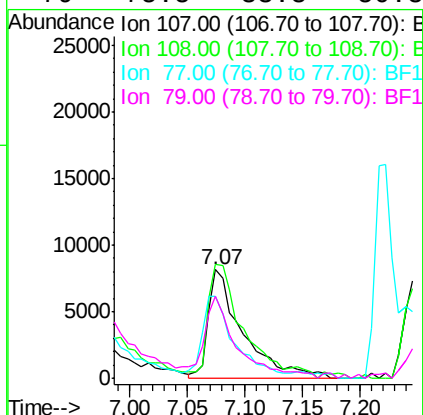
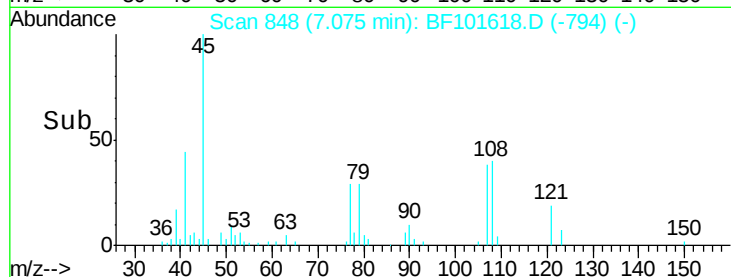
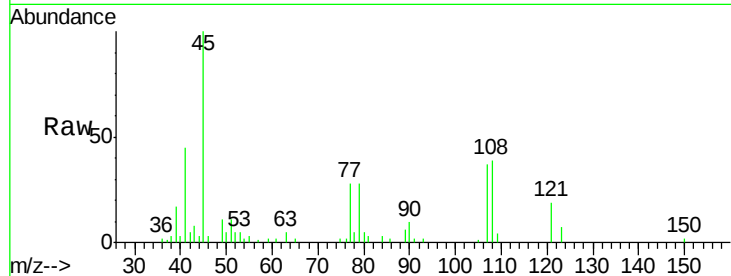




#17
2-Methylphenol
Concen: 2.101 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.02 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

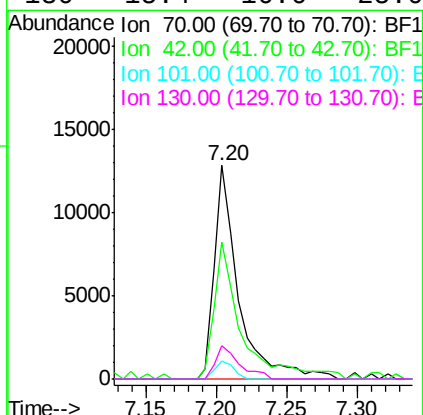
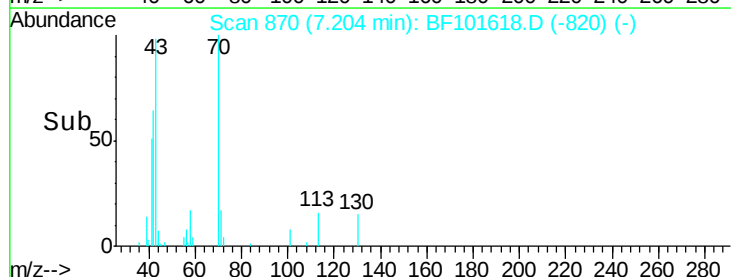
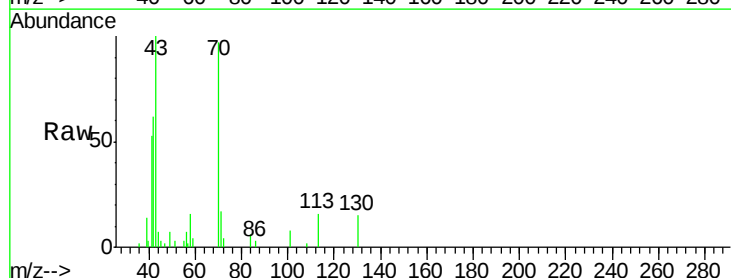
Instrument :
BNA_F
ClientSampled :

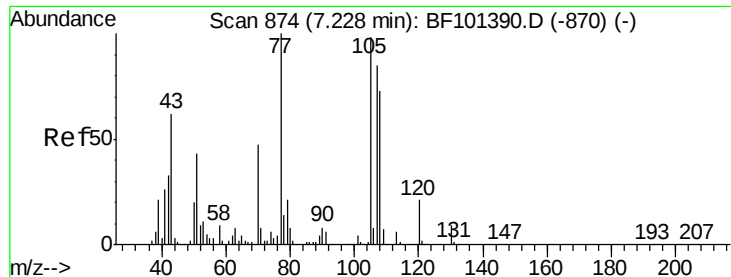
Tot Ion	Ratio	Lower	Upper
107	100		
108	105.5	91.7	137.5
77	76.0	33.8	50.8#
79	75.5	33.8	50.8#



#19
n-Nitroso-di-n-propylamine
Concen: 2.244 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.1	47.5	71.3
101	8.3	7.4	11.2
130	15.4	16.6	25.0#





#20

3+4-Methylphenols

Concen: 2.281 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.03 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 19492

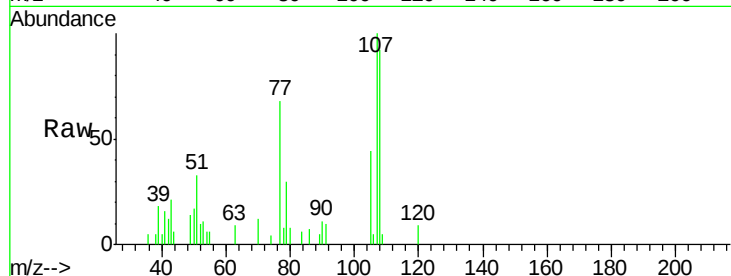
Ion Ratio Lower Upper

107 100

108 91.9 68.2 108.2

77 67.7 26.7 66.7#

79 30.4 6.3 46.3

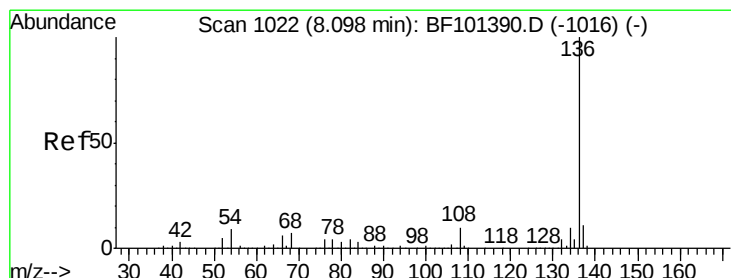
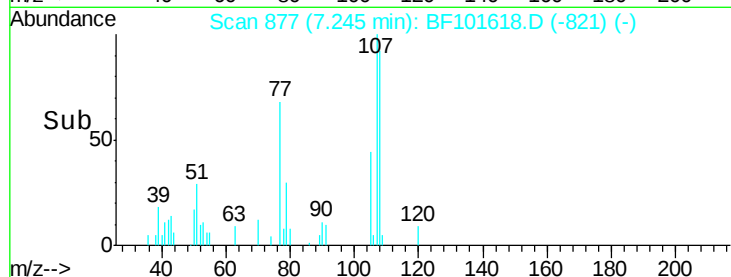
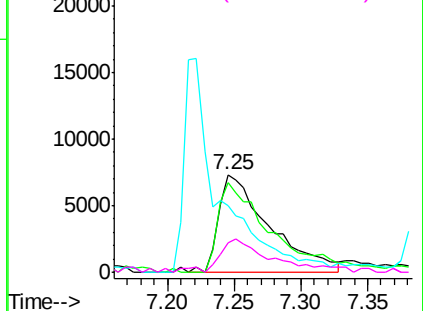


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

Tgt Ion:136 Resp: 465672

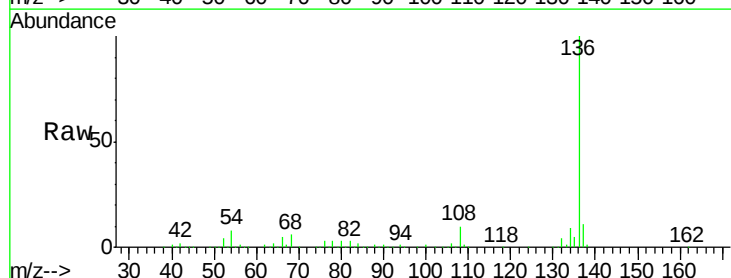
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.2 6.6 9.8

68 6.2 5.0 7.4

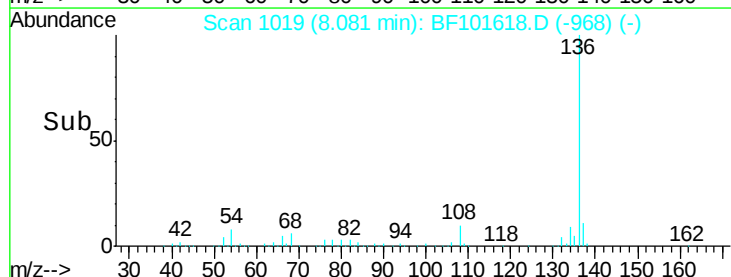
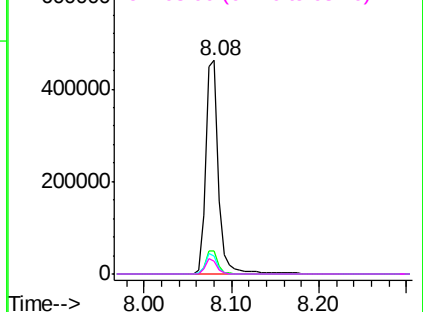


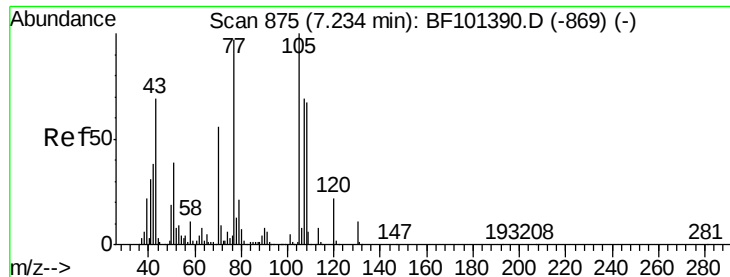
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.795 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:105 Resp: 29698

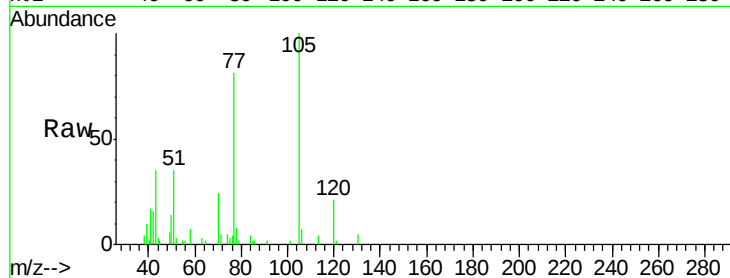
Ion Ratio Lower Upper

105 100

71 4.6 4.4 6.6

51 34.6 22.3 33.5#

120 20.6 16.9 25.3

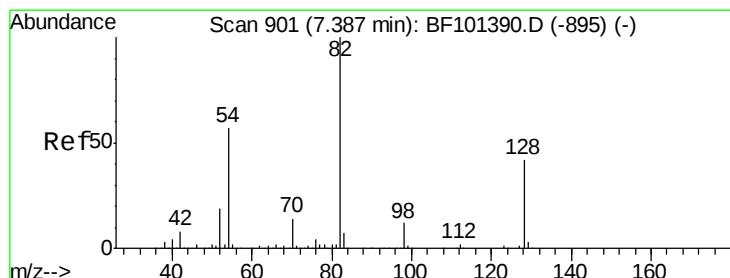
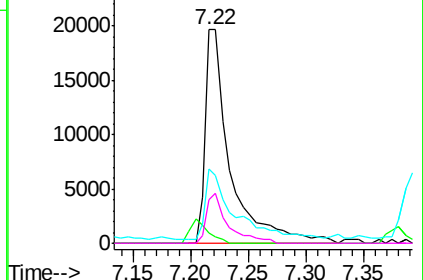
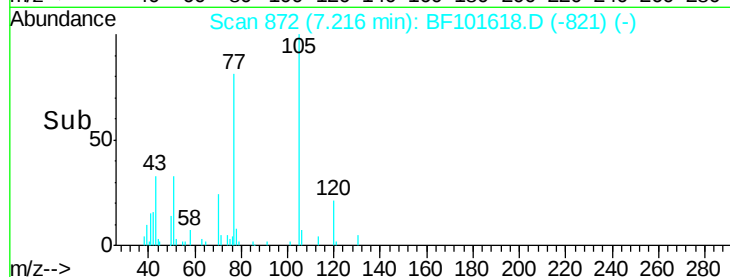


Abundance Ion 105.00 (104.70 to 105.70): E

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: 5.789 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

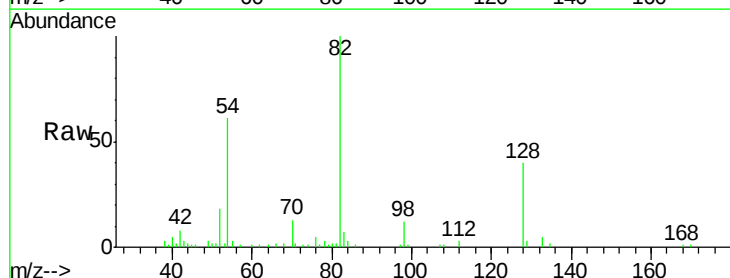
Tgt Ion: 82 Resp: 48428

Ion Ratio Lower Upper

82 100

128 39.8 36.1 54.1

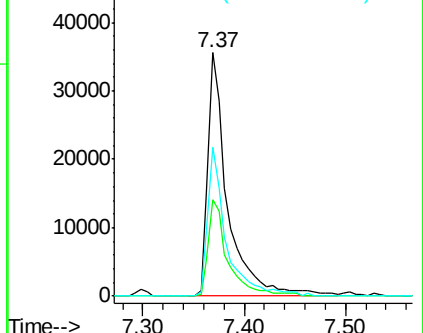
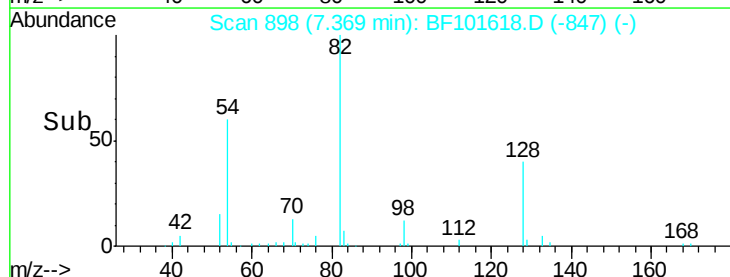
54 61.0 41.4 62.2

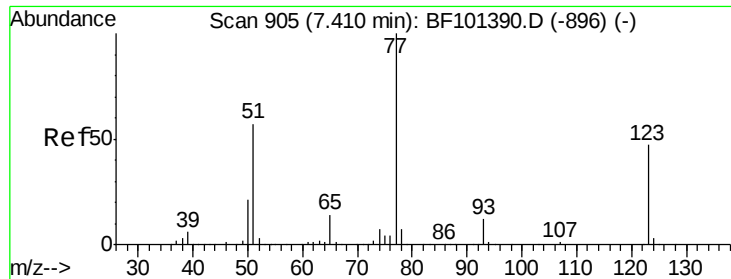


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

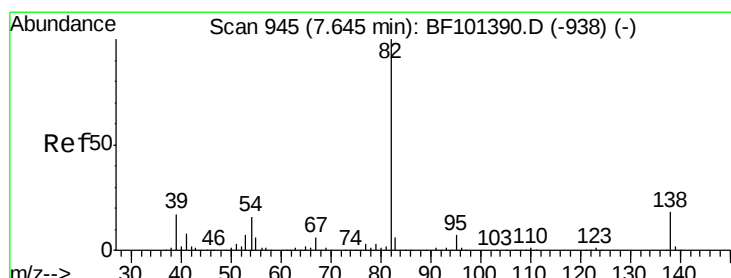
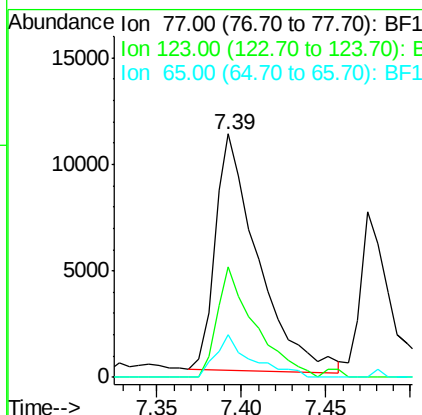
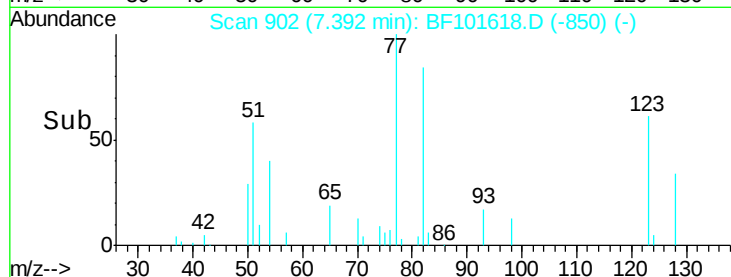
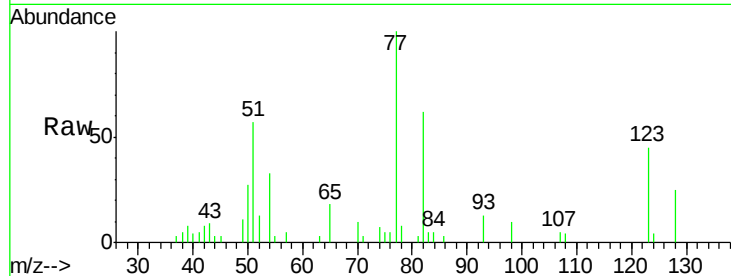




#24
Nitrobenzene
Concen: 2.106 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

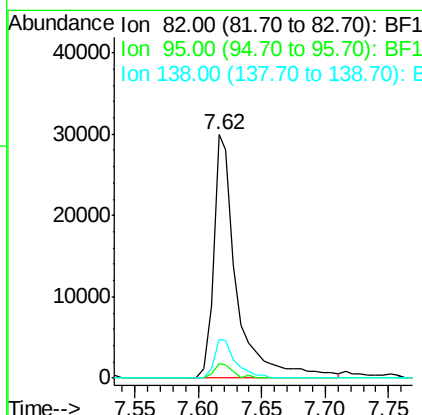
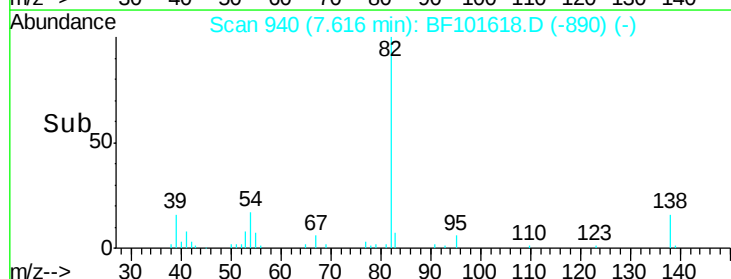
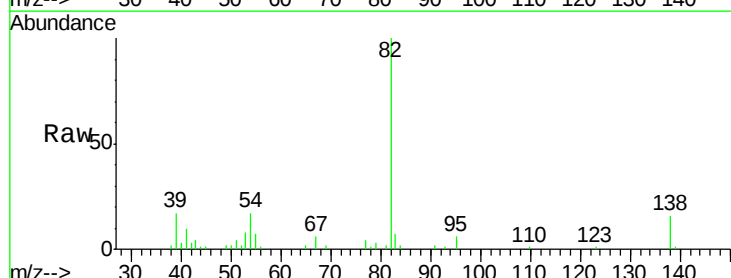
Instrument :
BNA_F
ClientSampleId :

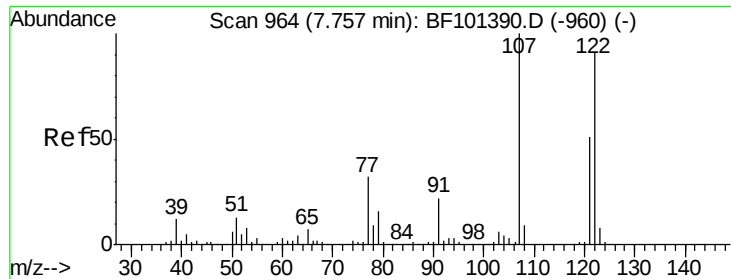
Tot Ion: 77 Resp: 19502
Ion Ratio Lower Upper
77 100
123 45.3 37.9 56.9
65 17.5 11.0 16.4#



#25
Isophorone
Concen: 2.279 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Tgt Ion: 82 Resp: 38241
Ion Ratio Lower Upper
82 100
95 5.9 5.2 7.8
138 15.8 14.9 22.3

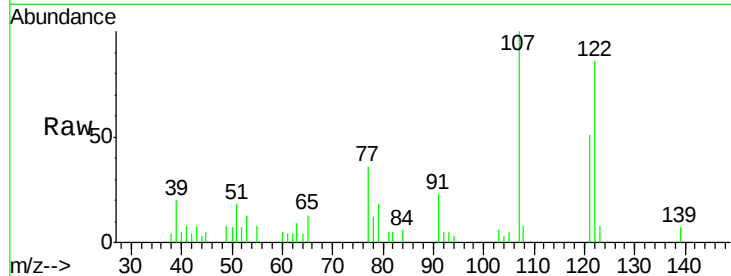




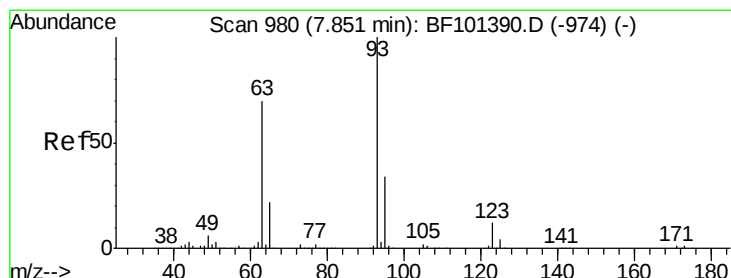
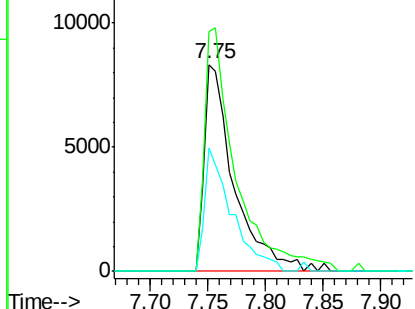
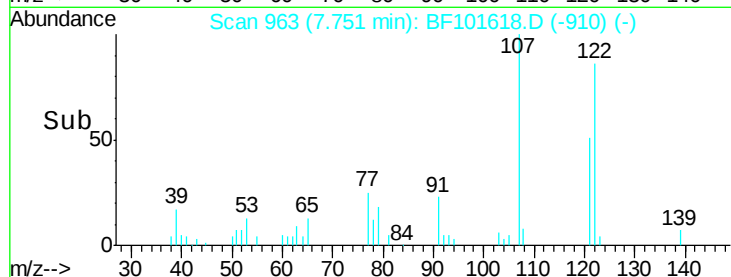
#27
 2,4-Dimethylphenol
 Concen: 2.240 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BF101618.D
 Acq: 21 Dec 2017 20:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 15135
 Ion Ratio Lower Upper
 122 100
 107 116.0 91.2 136.8
 121 59.3 47.2 70.8

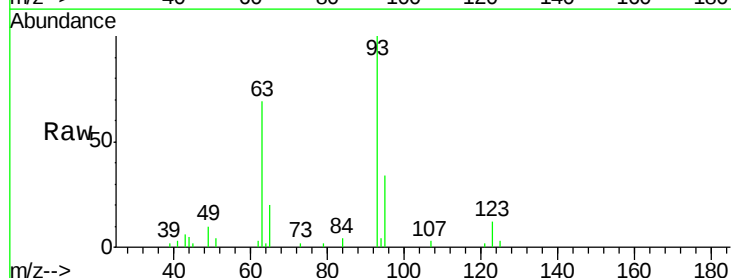


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

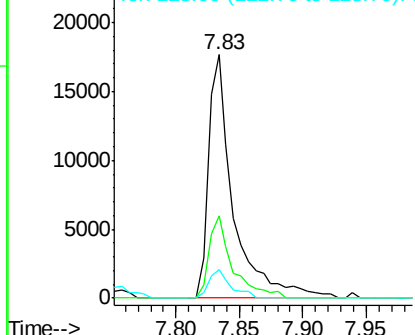
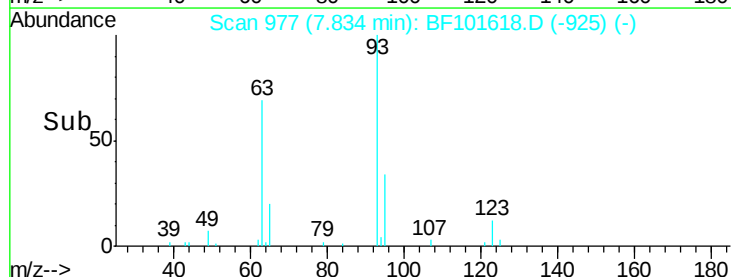


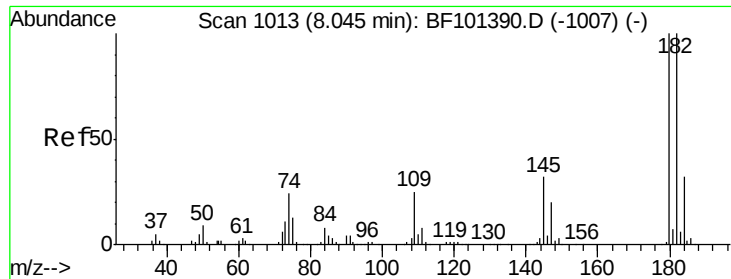
#28
 bis(2-Chloroethoxy)methane
 Concen: 2.270 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF101618.D
 Acq: 21 Dec 2017 20:21

Tgt Ion: 93 Resp: 24195
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.3 39.5
 123 11.9 9.8 14.6



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

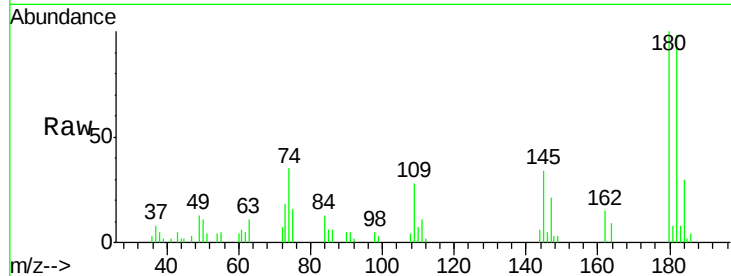




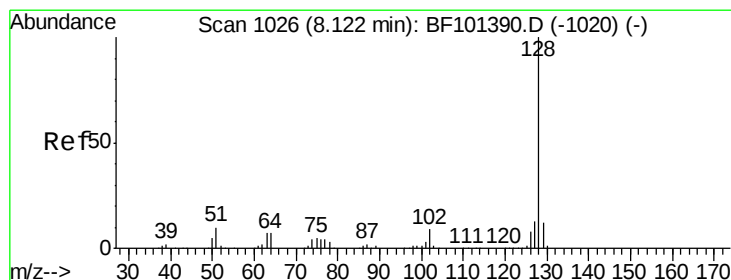
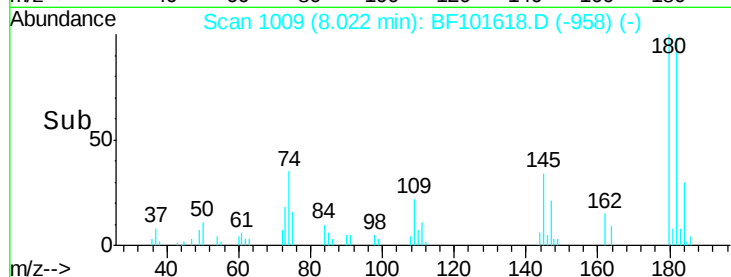
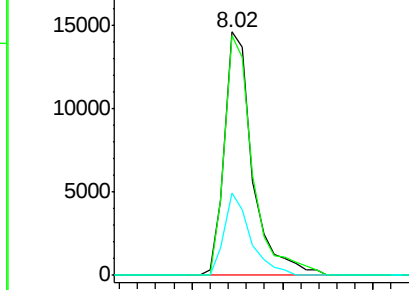
#30
 1,2,4-Trichlorobenzene
 Concen: 2.245 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF101618.D
 Acq: 21 Dec 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.8	115.2
145	33.9	26.5	39.7

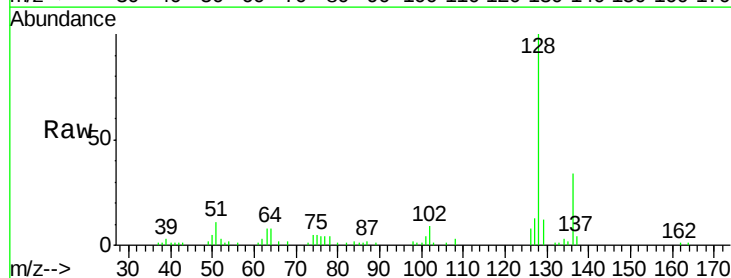


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

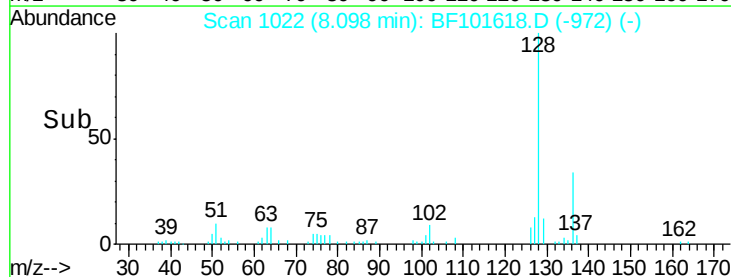
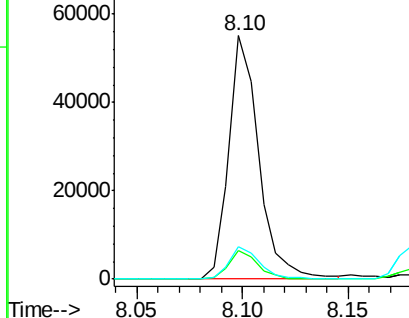


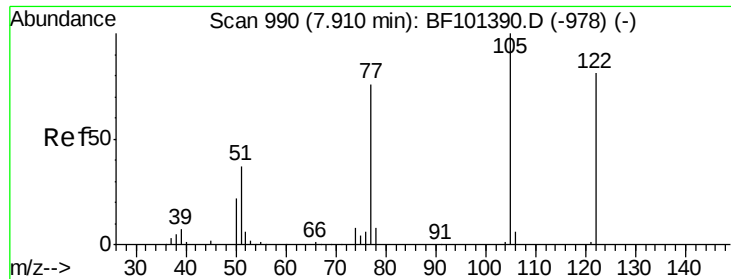
#31
 Naphthalene
 Concen: 2.313 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF101618.D
 Acq: 21 Dec 2017 20:21

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	13.3	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

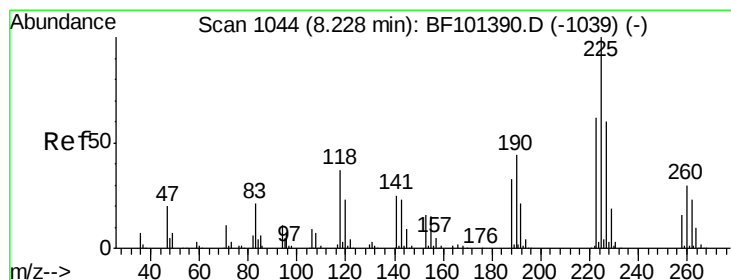
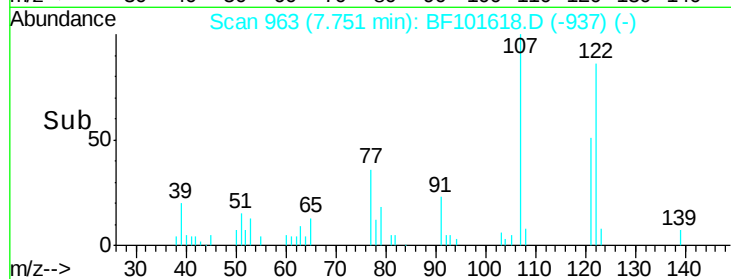
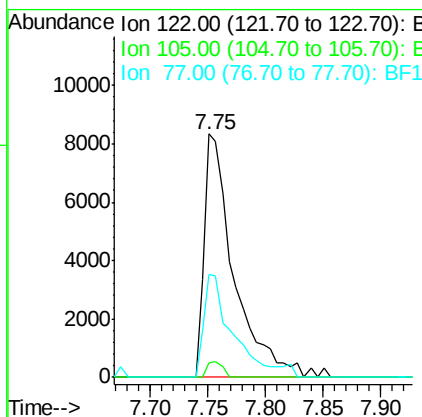
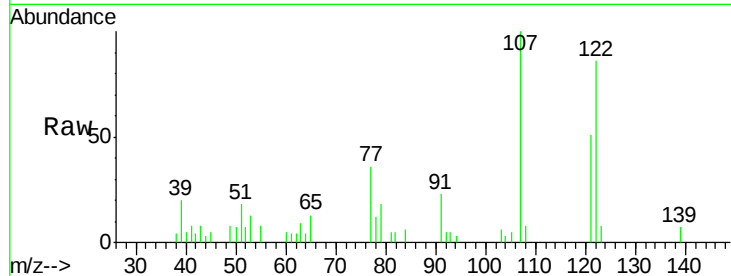




#32
Benzoic acid
Concen: 10.734 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.15 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

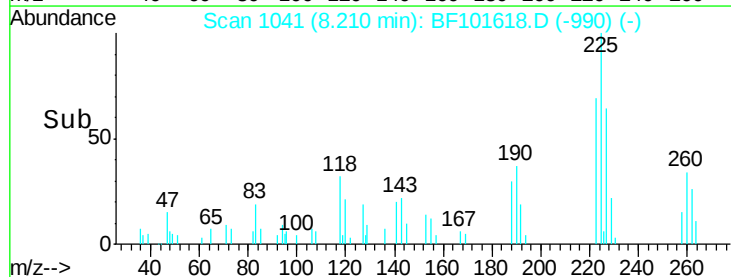
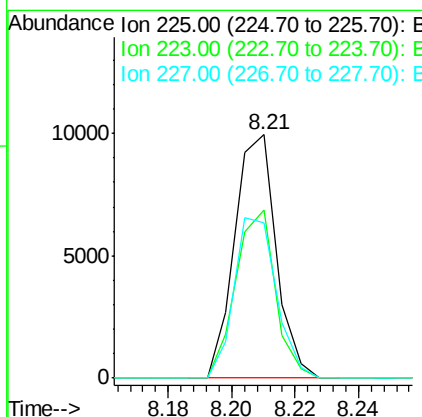
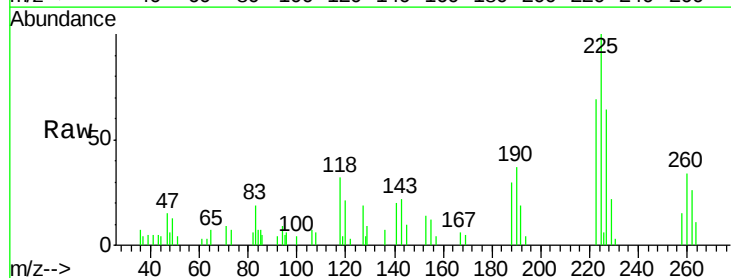
Instrument :
BNA_F
ClientSampleId :

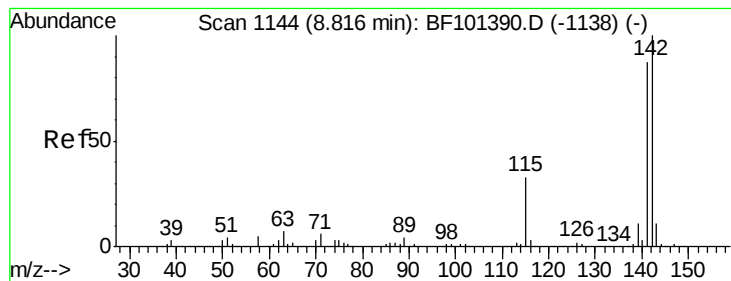
Tot Ion:122 Resp: 15135
Ion Ratio Lower Upper
122 100
105 5.9 101.1 141.1#
77 42.2 70.7 110.7#



#34
Hexachlorobutadiene
Concen: 2.209 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Tgt Ion:225 Resp: 9001
Ion Ratio Lower Upper
225 100
223 69.2 50.6 76.0
227 63.8 51.9 77.9

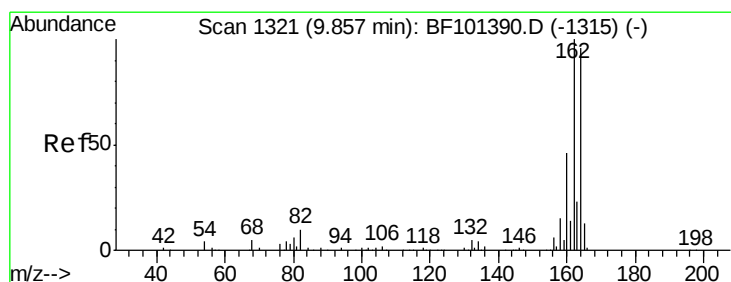
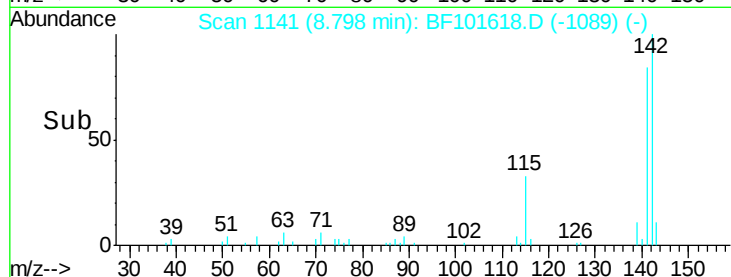
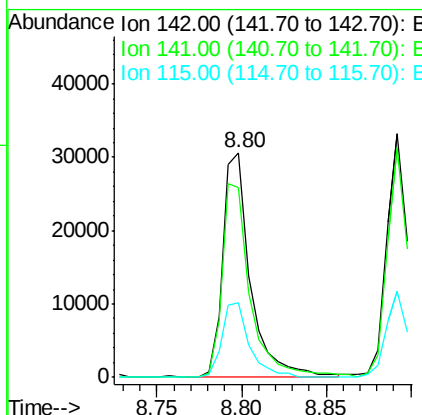
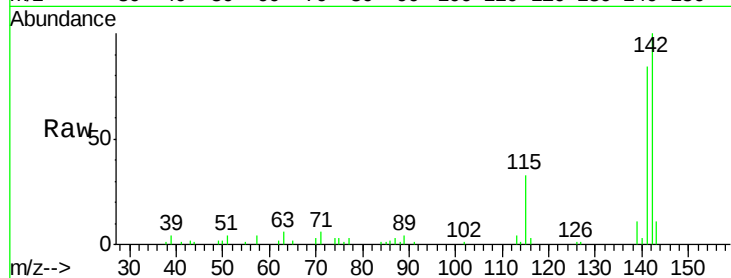




#37
2-Methylnaphthalene
Concen: 2.294 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

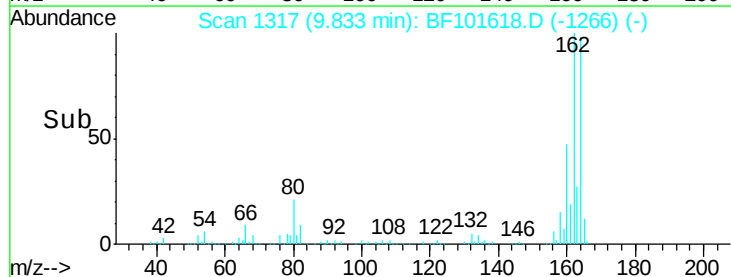
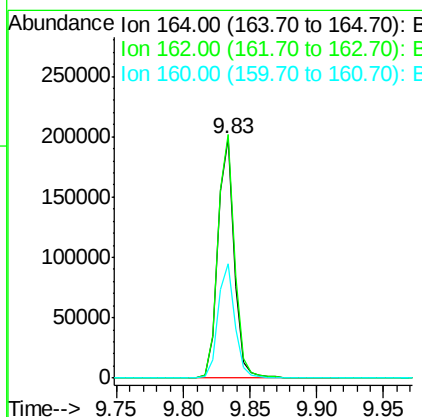
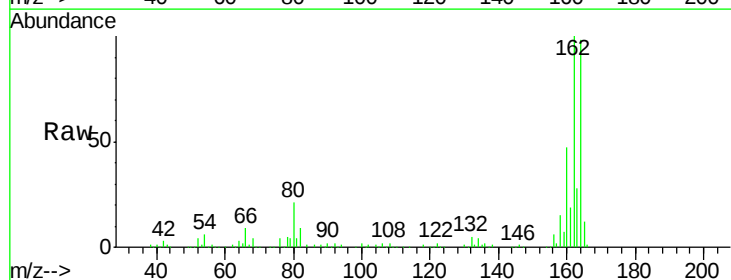
Instrument :
BNA_F
ClientSampleId :

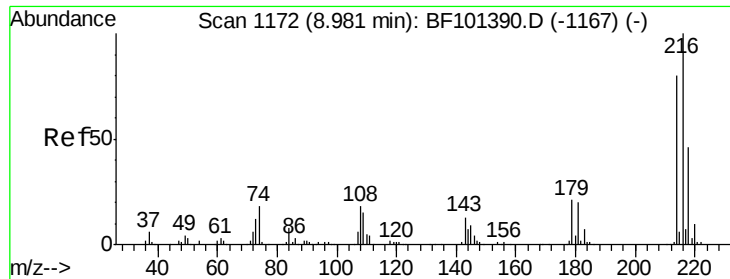
Tot Ion:142 Resp: 35031
Ion Ratio Lower Upper
142 100
141 84.3 70.8 106.2
115 33.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Tgt Ion:164 Resp: 173432
Ion Ratio Lower Upper
164 100
162 101.8 86.1 129.1
160 47.6 38.3 57.5

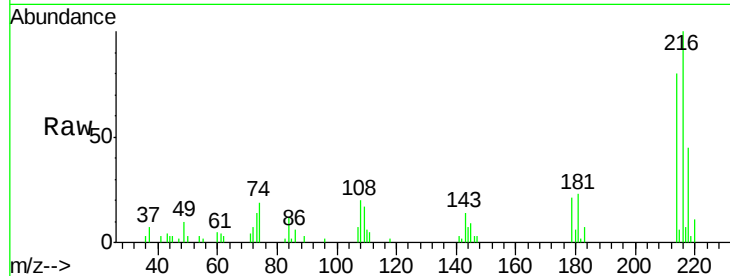




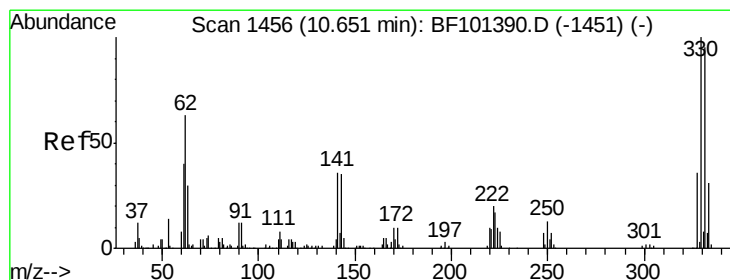
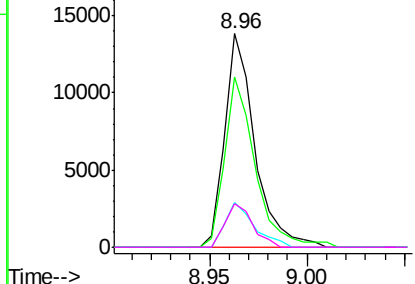
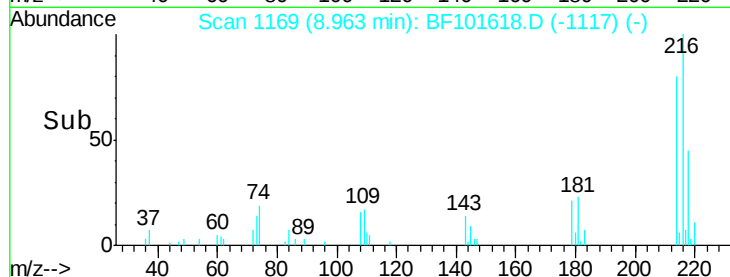
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.522 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF101618.D
 Acq: 21 Dec 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	14770
Ion Ratio	Lower	Upper
216	100	
214	81.0	63.0 94.4
179	20.0	18.1 27.1
108	18.6	17.2 25.8

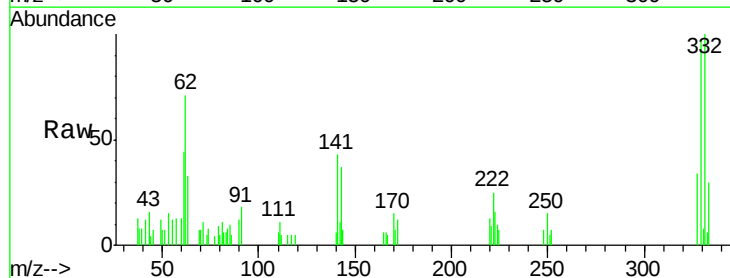


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

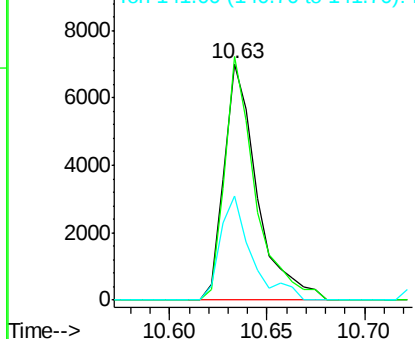
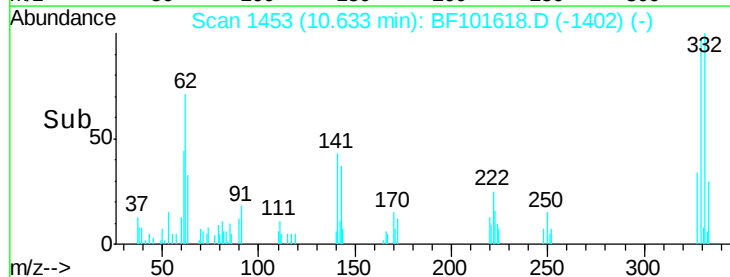


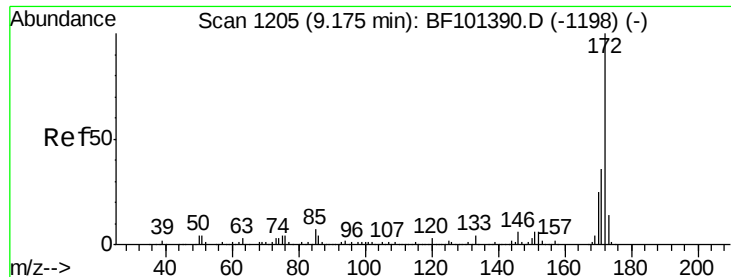
#41
 2,4,6-Tribromophenol
 Concen: 4.931 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF101618.D
 Acq: 21 Dec 2017 20:21

Tgt Ion:330	Resp:	8241
Ion Ratio	Lower	Upper
330	100	
332	95.2	77.0 115.6
141	41.3	29.9 44.9



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





#44

2-Fluorobiphenyl

Concen: 8.015 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

Instrument :

BNA_F

ClientSampleId :

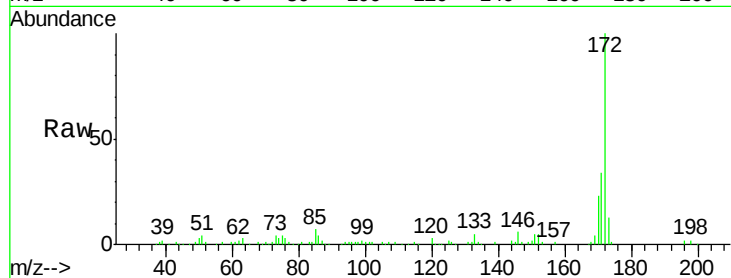
Tot Ion:172 Resp: 89606

Ion Ratio Lower Upper

172 100

171 33.6 29.7 44.5

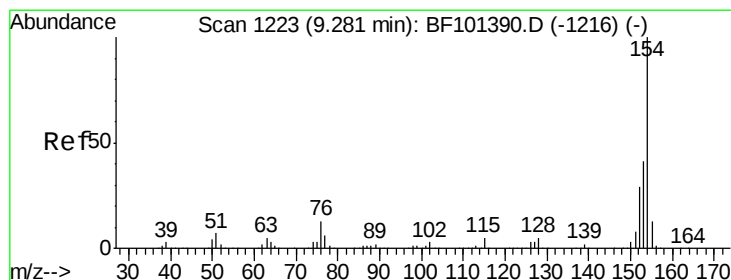
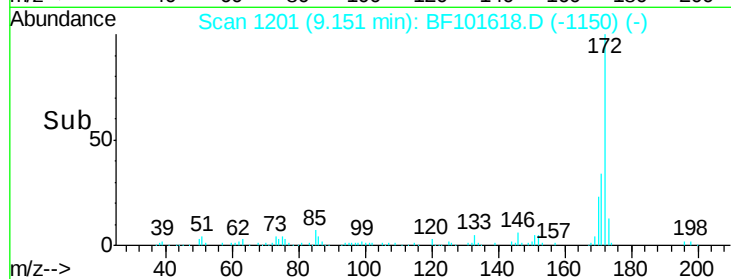
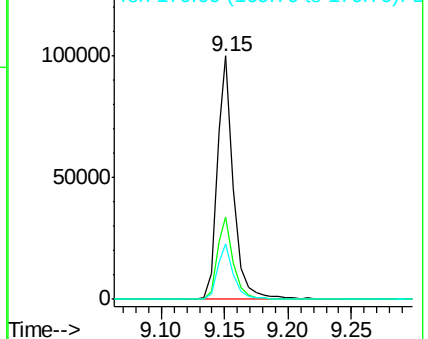
170 22.8 19.6 29.4



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: 2.661 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

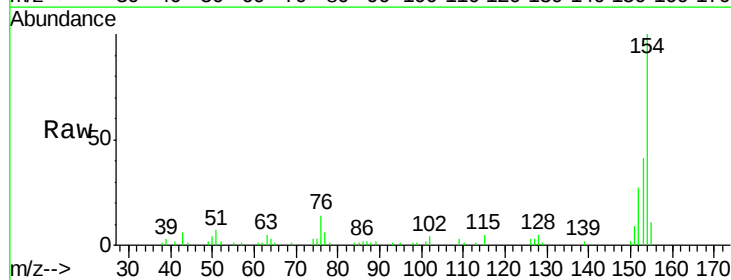
Tgt Ion:154 Resp: 40923

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

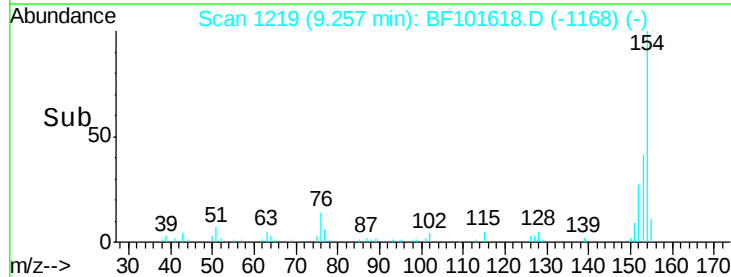
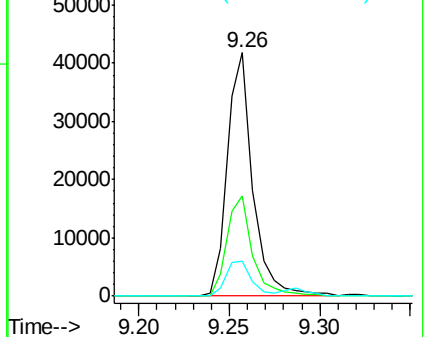
76 14.3 0.0 34.0

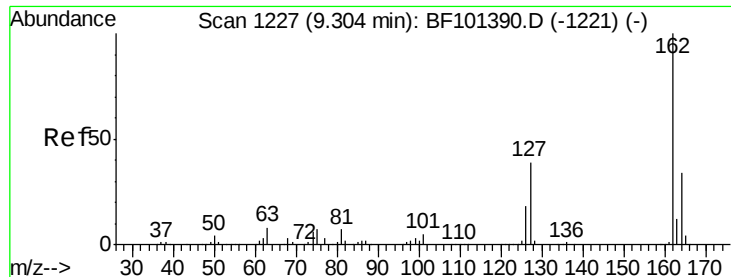


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

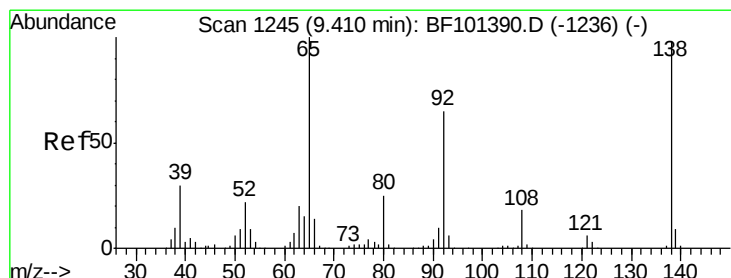
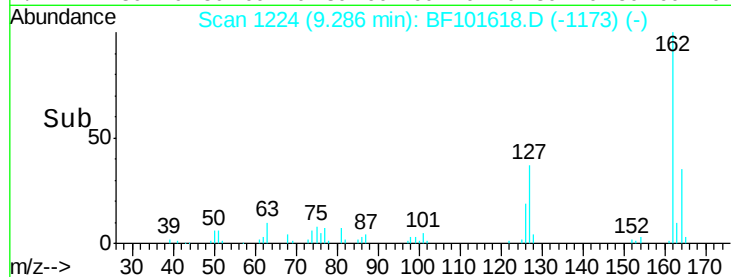
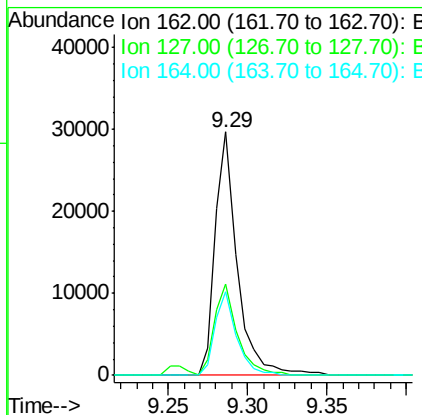
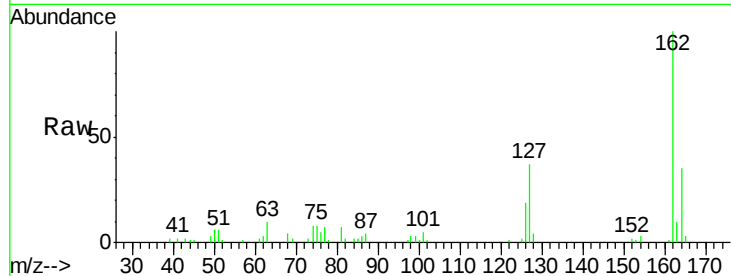




#46
 2-Chloronaphthalene
 Concen: 2.455 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF101618.D
 Acq: 21 Dec 2017 20:21

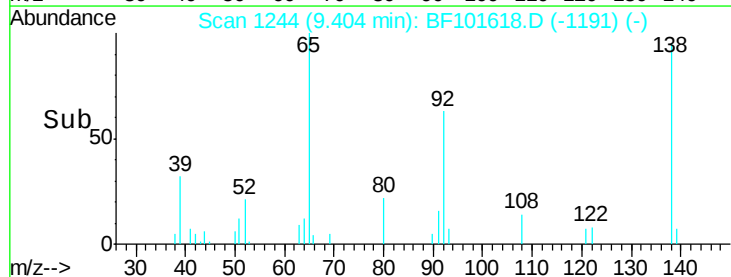
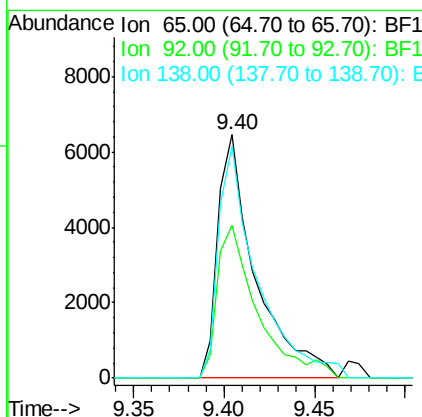
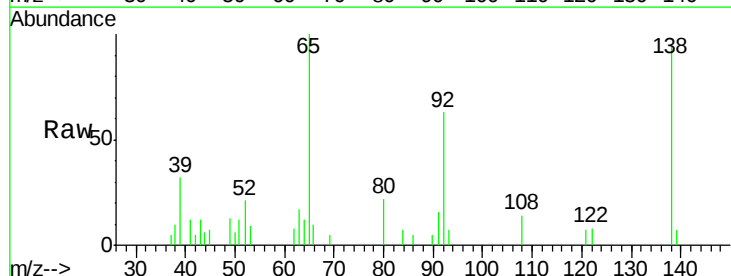
Instrument :
 BNA_F
 ClientSampleId :

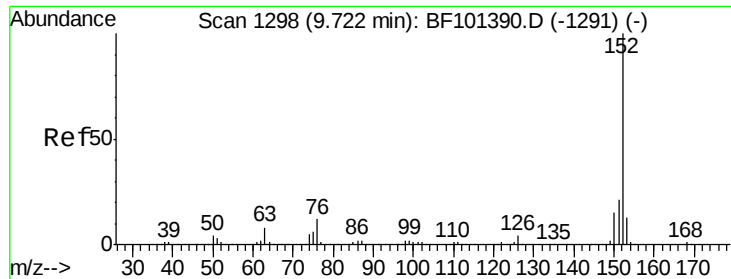
Tot Ion:162 Resp: 28888
 Ion Ratio Lower Upper
 162 100
 127 37.4 33.9 50.9
 164 34.6 26.5 39.7



#47
 2-Nitroaniline
 Concen: 2.303 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF101618.D
 Acq: 21 Dec 2017 20:21

Tgt Ion: 65 Resp: 9361
 Ion Ratio Lower Upper
 65 100
 92 62.5 55.8 83.6
 138 95.2 91.2 136.8





#48

Acenaphthylene

Concen: 2.334 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

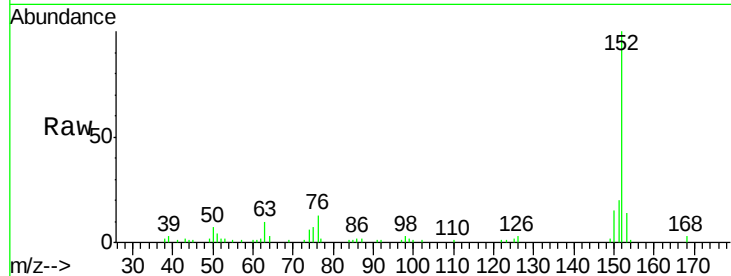
Instrument :

BNA_F

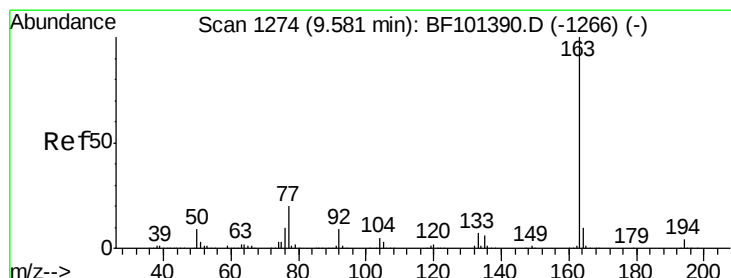
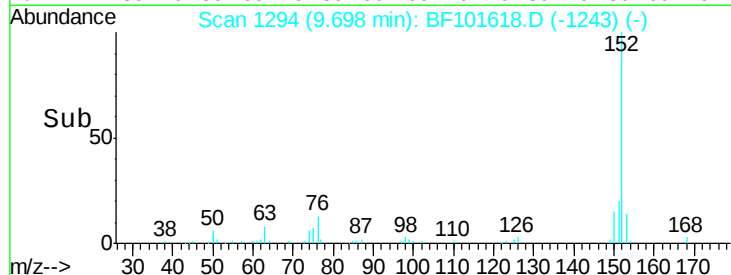
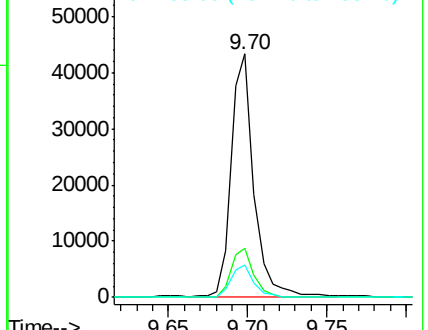
ClientSampleId :

Tot Ion:152 Resp: 43379

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.5	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: 3.155 ng

RT: 9.55 min Scan# 1269

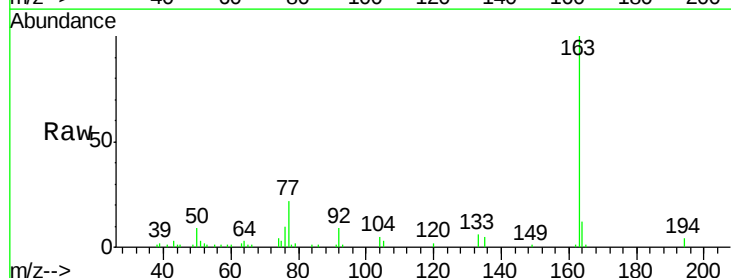
Delta R.T. -0.01 min

Lab File: BF101618.D

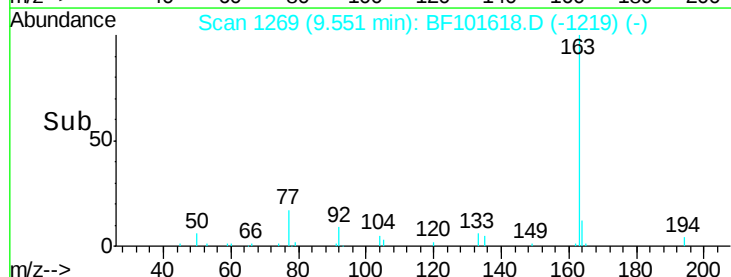
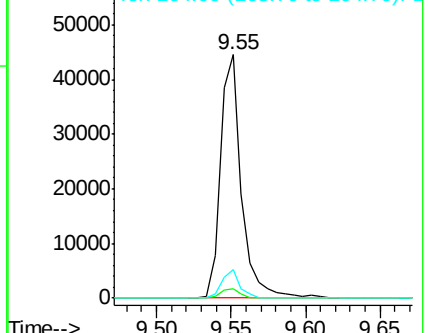
Acq: 21 Dec 2017 20:21

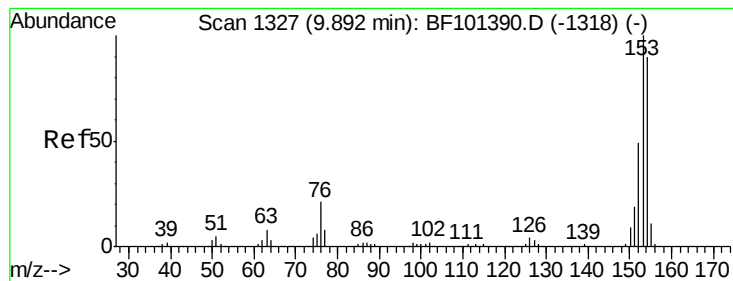
Tgt Ion:163 Resp: 44009

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.8	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





#51

Acenaphthene

Concen: 2.223 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

Instrument :

BNA_F

ClientSampleId :

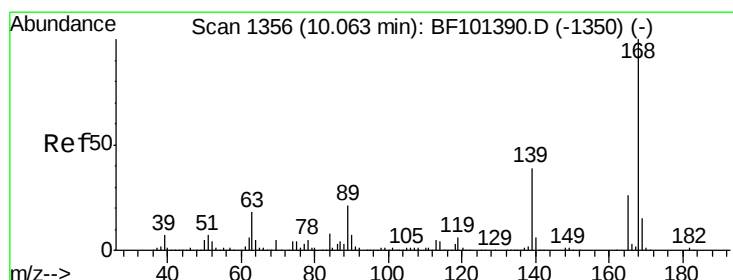
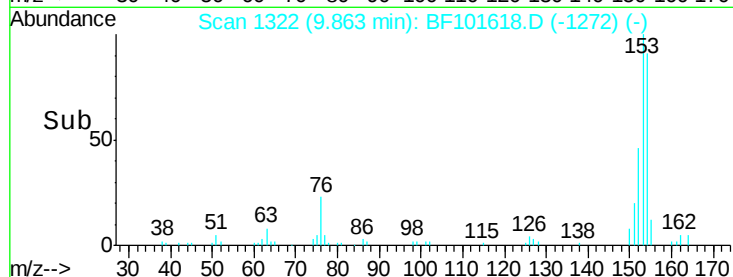
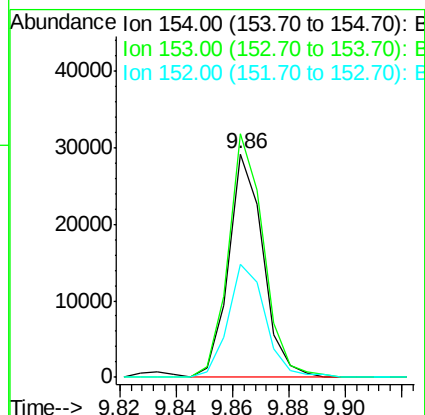
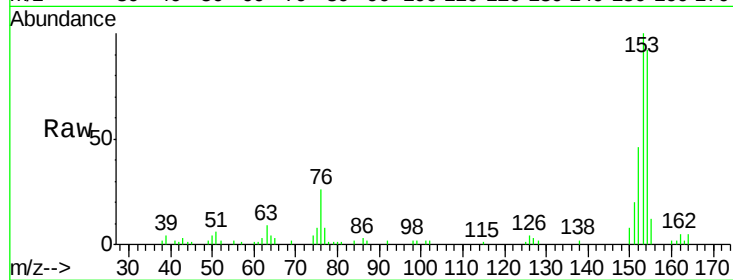
Tot Ion:154 Resp: 24829

Ion Ratio Lower Upper

154 100

153 108.8 91.2 136.8

152 50.5 43.8 65.8



#54

Dibenzofuran

Concen: 2.573 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

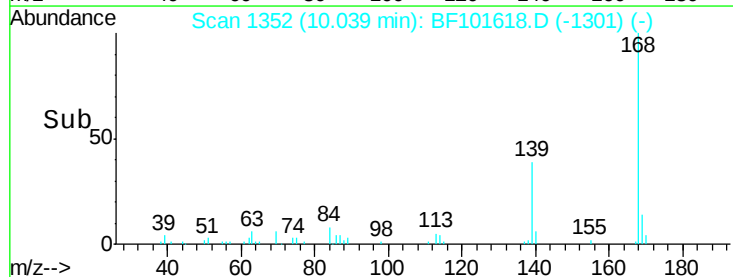
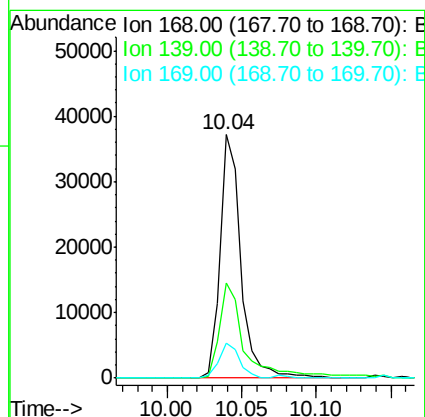
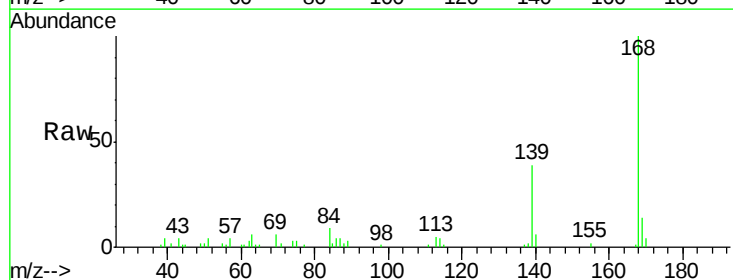
Tgt Ion:168 Resp: 36519

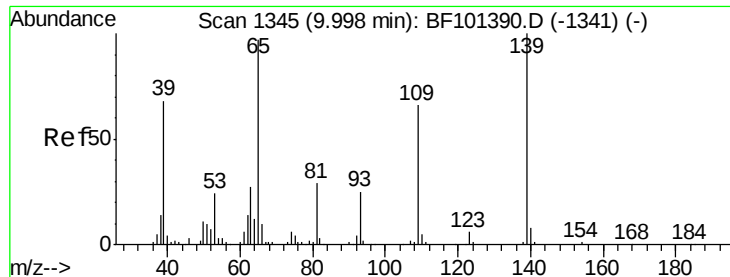
Ion Ratio Lower Upper

168 100

139 38.9 30.1 45.1

169 14.3 10.9 16.3





#55

4-Nitrophenol

Concen: 11.104 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.05 min

Lab File: BF101618.D

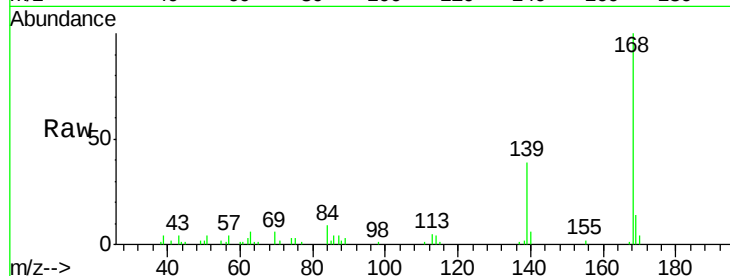
Acq: 21 Dec 2017 20:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	2.3	72.6	112.6#

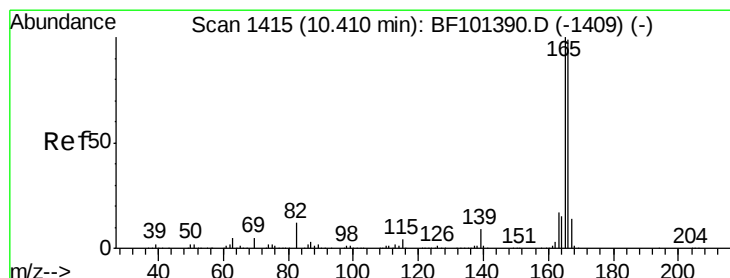
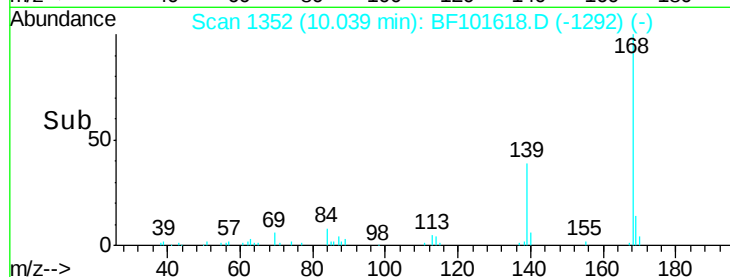
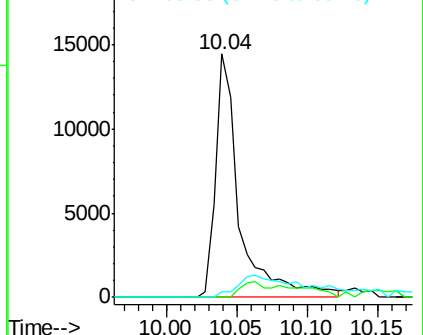


Abundance

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



#57

Fluorene

Concen: 2.262 ng

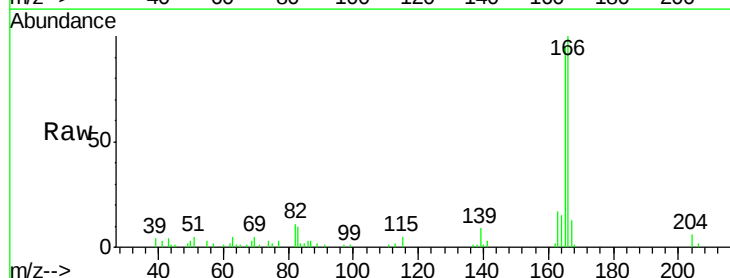
RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	79.8	119.8
167	13.0	10.6	16.0

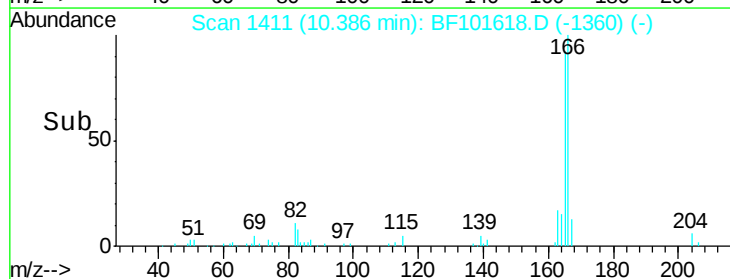
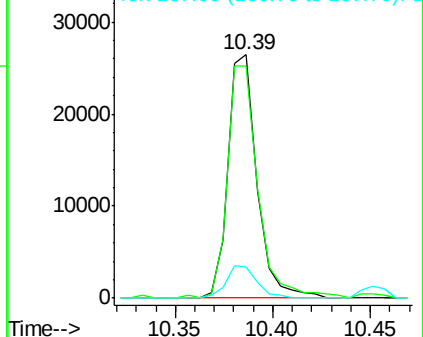


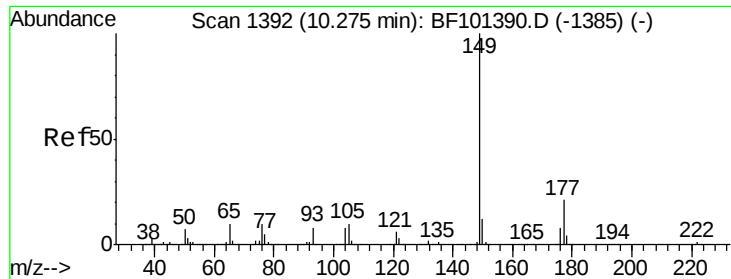
Abundance

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

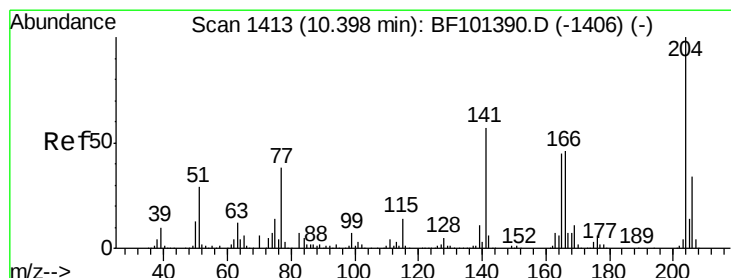
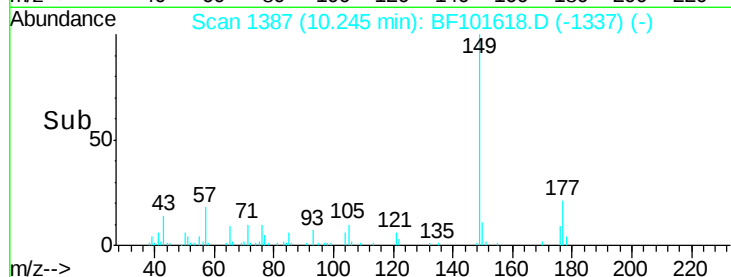
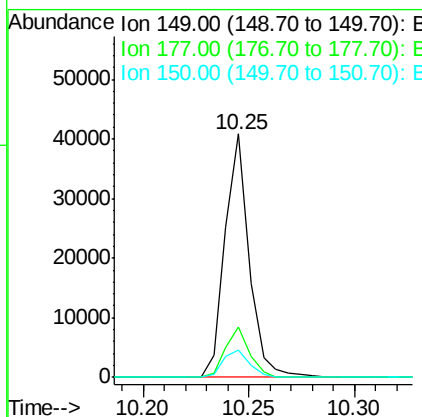
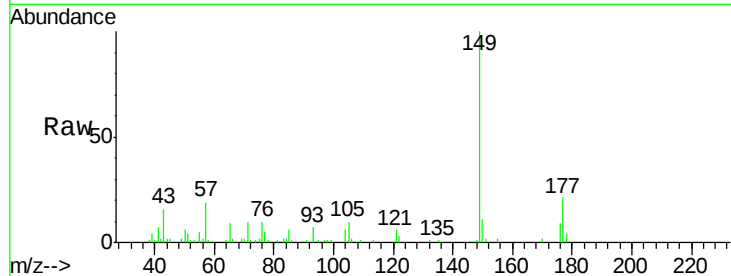




#59
Diethylphthalate
Concen: 2.344 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

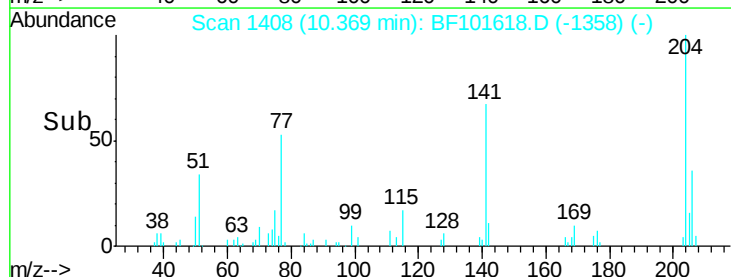
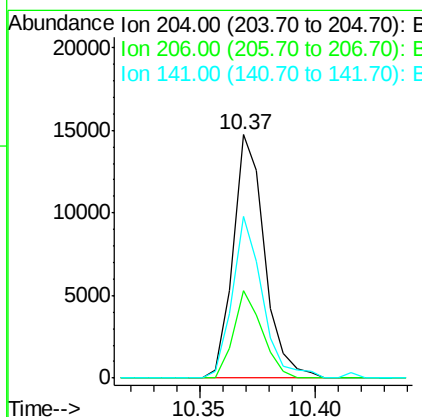
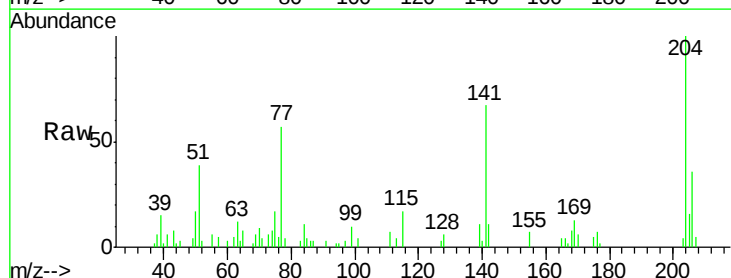
Instrument :
BNA_F
ClientSampled :

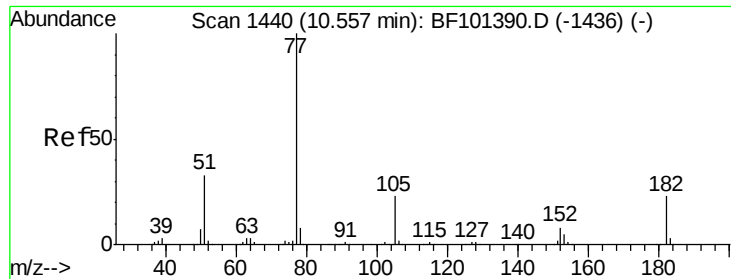
Tot Ion:149 Resp: 32375
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 11.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 2.430 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Tgt Ion:204 Resp: 13982
Ion Ratio Lower Upper
204 100
206 35.8 26.5 39.7
141 66.5 54.6 81.8





#62

Azobenzene

Concen: 2.730 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 39075

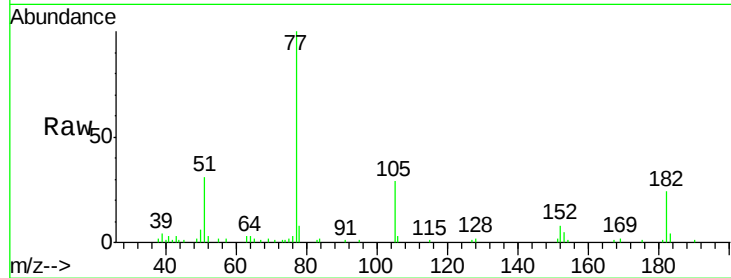
Ion Ratio Lower Upper

77 100

182 24.4 1.7 41.7

105 28.7 3.0 43.0

51 30.8 9.9 49.9

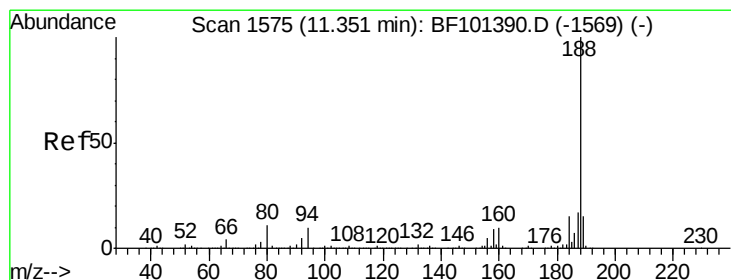
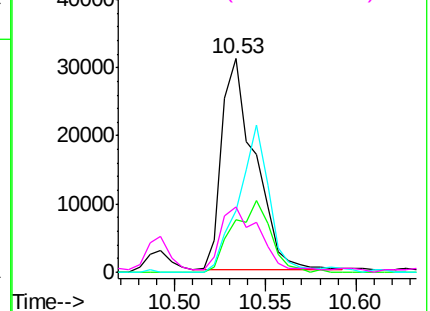
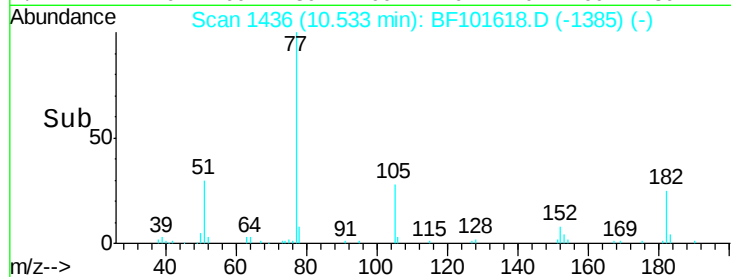


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

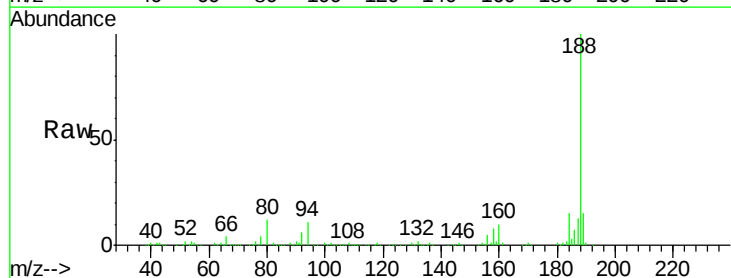
Tgt Ion: 188 Resp: 263643

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

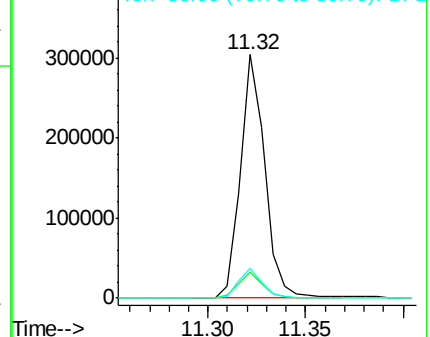
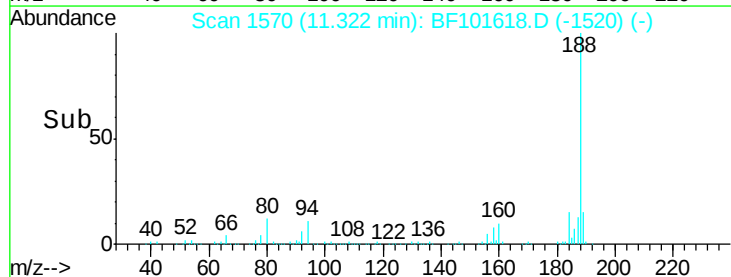
80 12.3 9.2 13.8

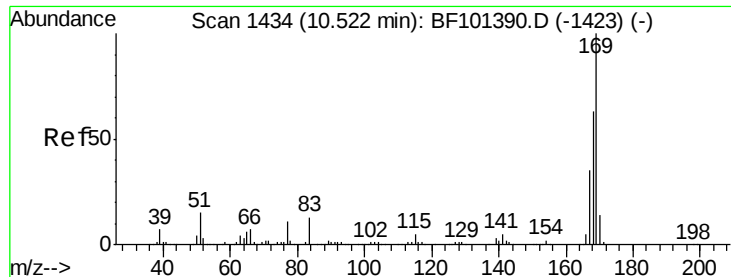


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

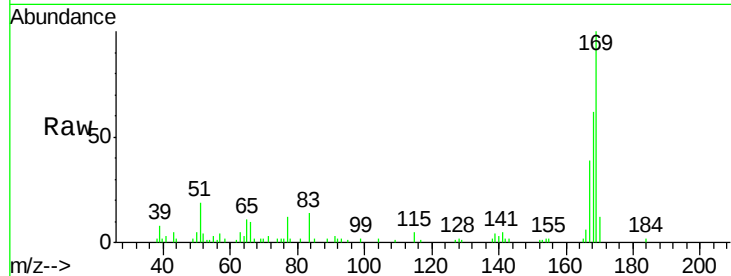




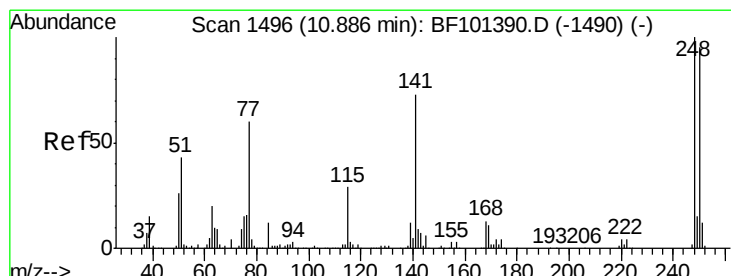
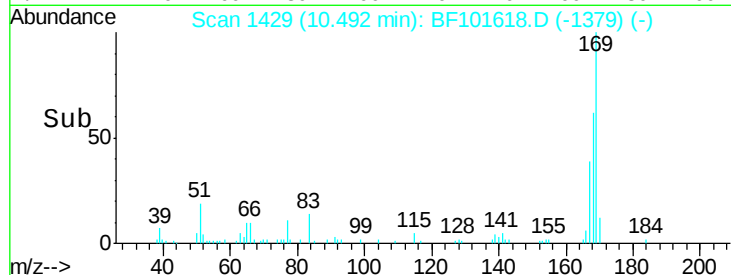
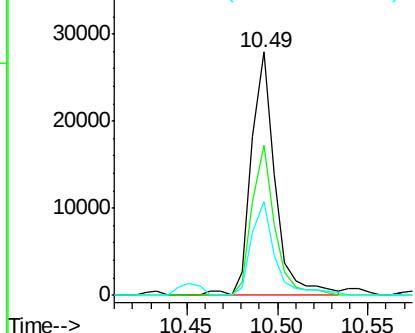
#65
 n-Nitrosodiphenylamine
 Concen: 2.639 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF101618.D
 Acq: 21 Dec 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 25686
 Ion Ratio Lower Upper
 169 100
 168 61.8 54.4 81.6
 167 38.6 29.8 44.6

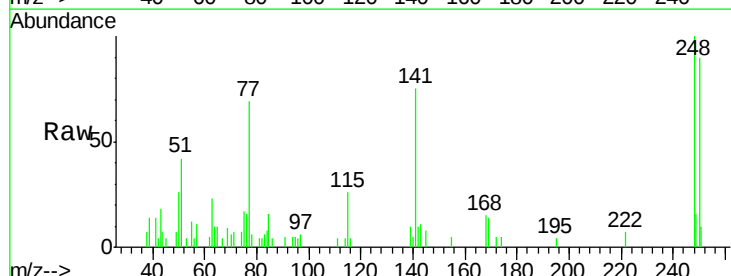


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

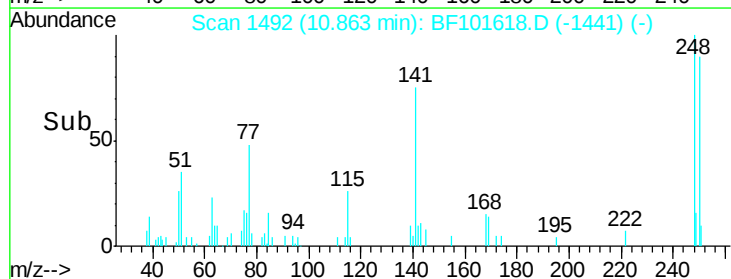
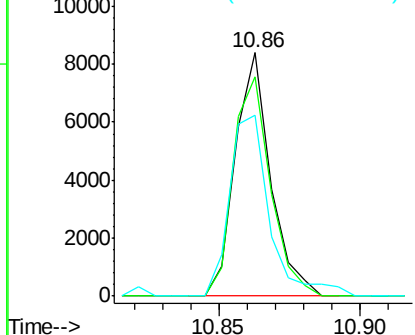


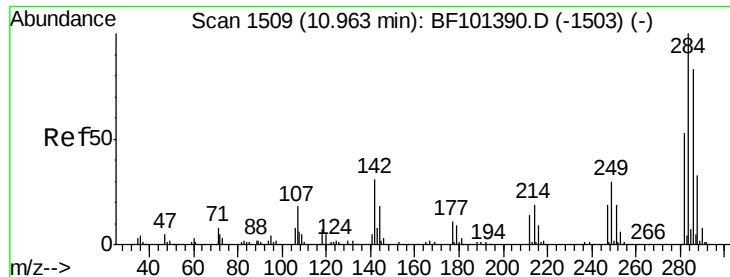
#66
 4-Bromophenyl-phenylether
 Concen: 2.459 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF101618.D
 Acq: 21 Dec 2017 20:21

Tgt Ion:248 Resp: 7284
 Ion Ratio Lower Upper
 248 100
 250 90.2 76.9 115.3
 141 74.5 74.4 111.6



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

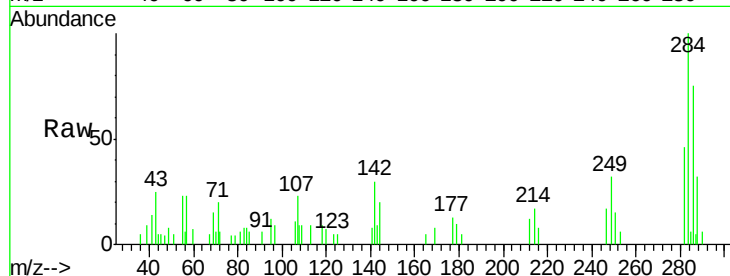




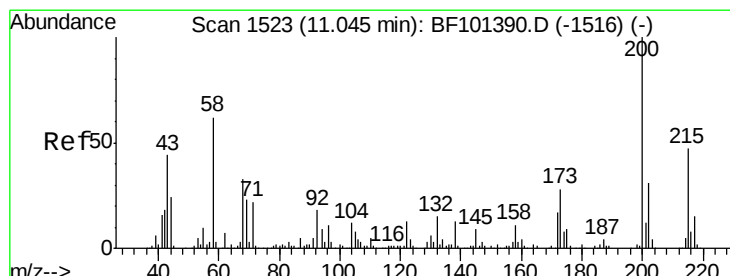
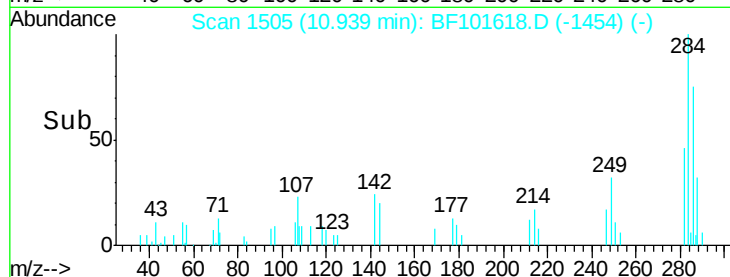
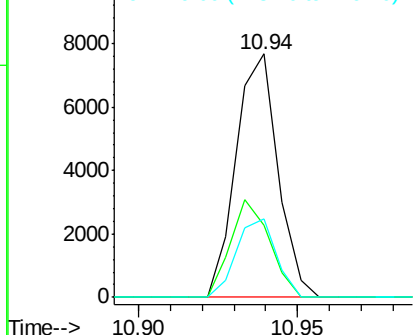
#67
Hexachlorobenzene
Concen: 2.225 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 6977
Ion Ratio Lower Upper
284 100
142 29.8 34.6 52.0#
249 32.3 24.8 37.2

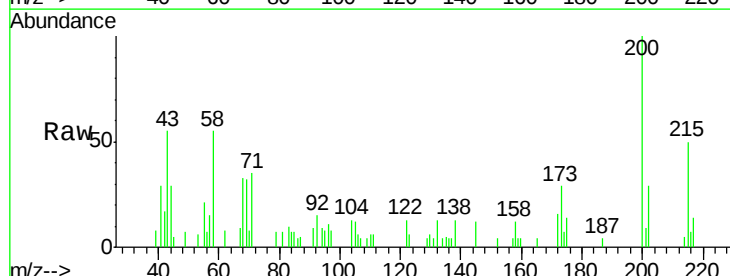


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

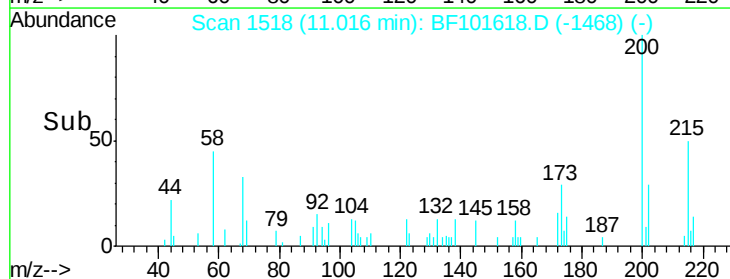
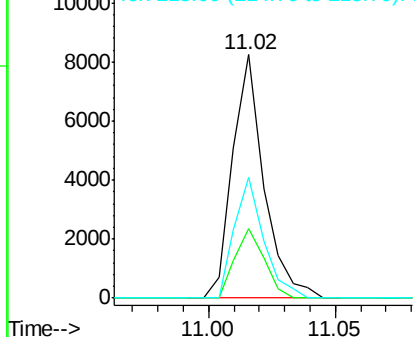


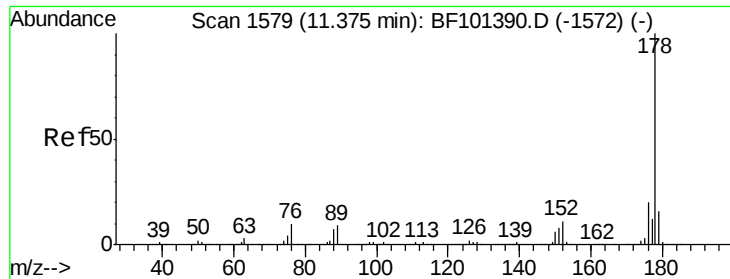
#68
Atrazine
Concen: 2.441 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Tgt Ion:200 Resp: 7086
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 49.8 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

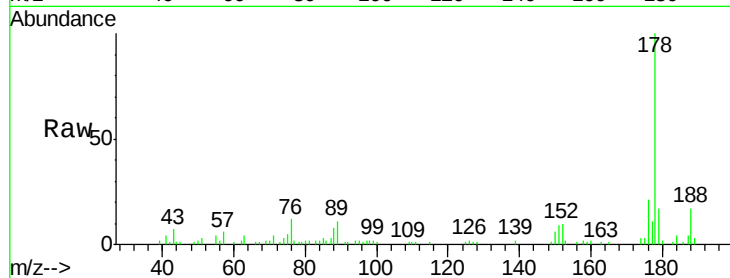




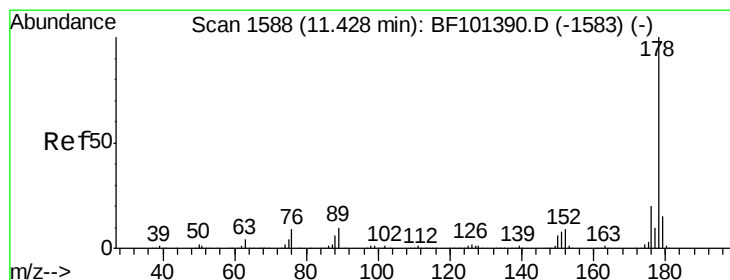
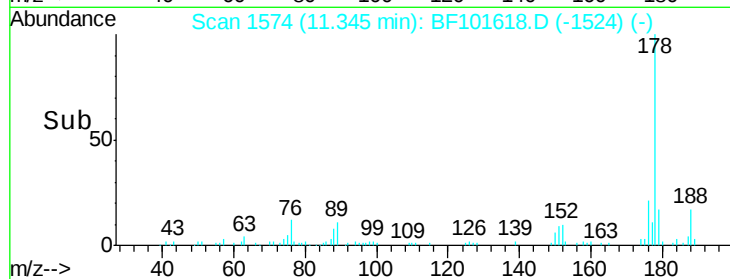
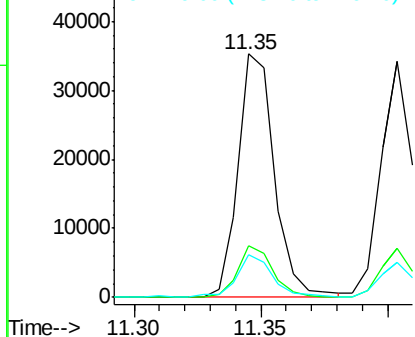
#70
Phenanthrene
Concen: 2.401 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 35204
Ion Ratio Lower Upper
178 100
176 21.0 15.8 23.8
179 17.4 13.0 19.6

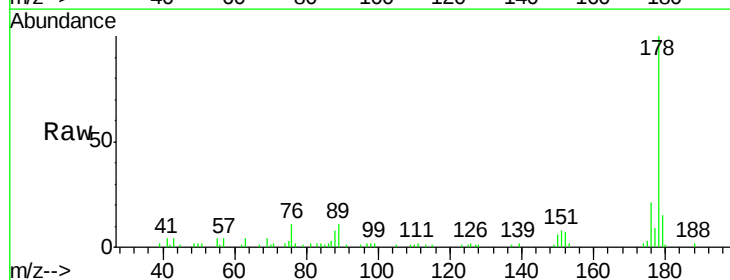


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

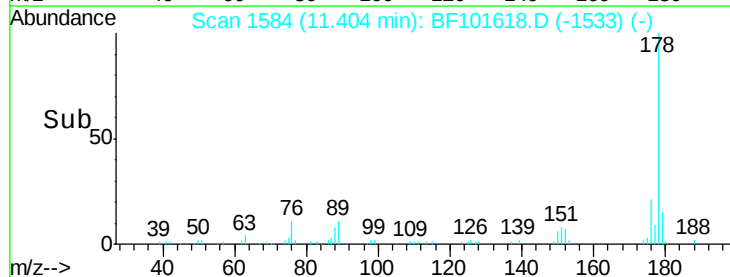
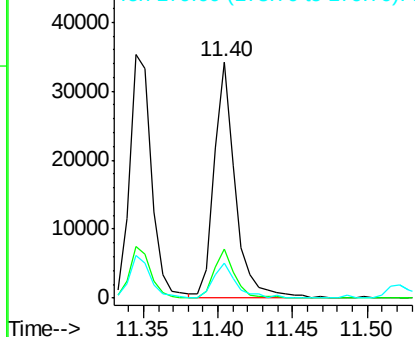


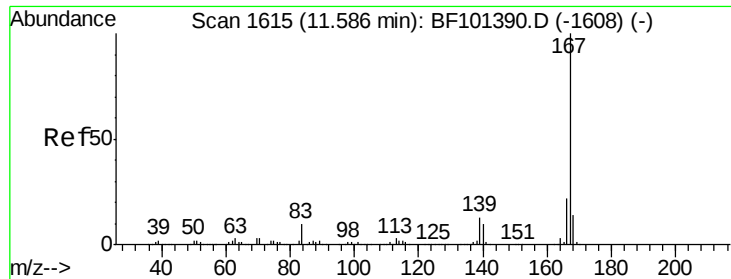
#71
Anthracene
Concen: 2.250 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Tgt Ion:178 Resp: 33693
Ion Ratio Lower Upper
178 100
176 20.7 15.4 23.2
179 14.9 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

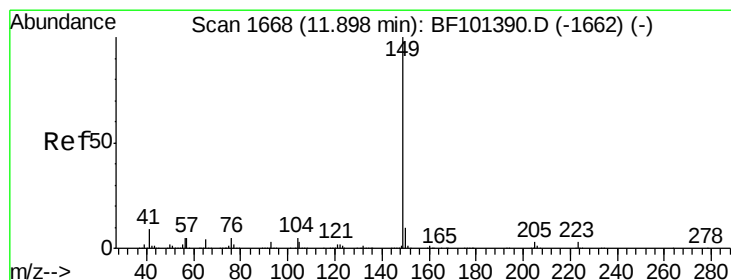
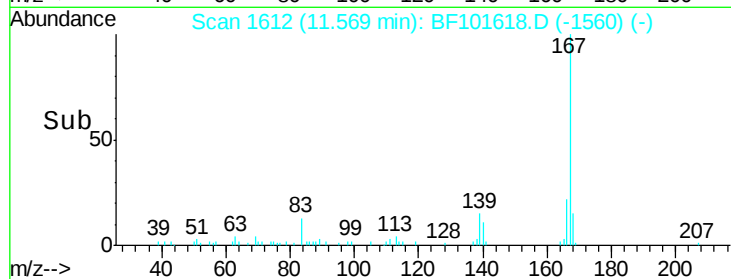
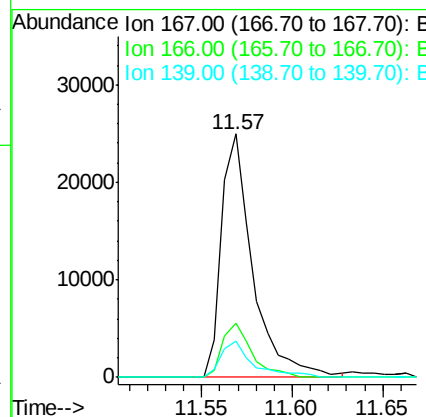
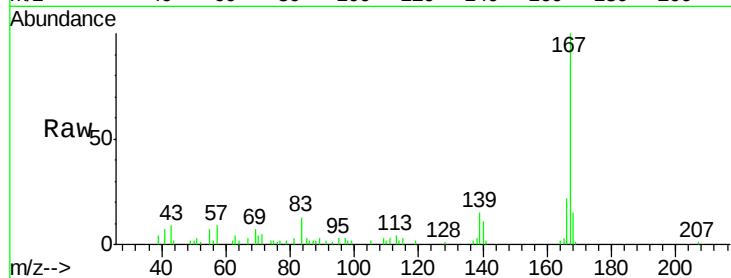




#72
 Carbazole
 Concen: 2.137 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BF101618.D
 Acq: 21 Dec 2017 20:21

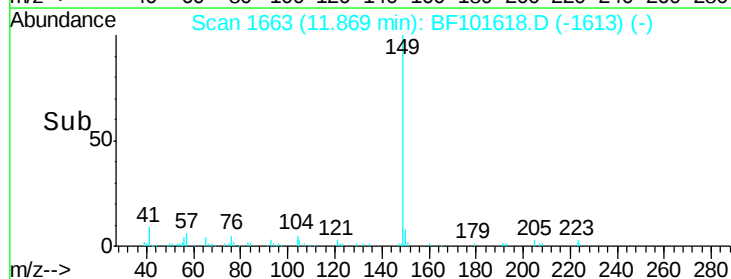
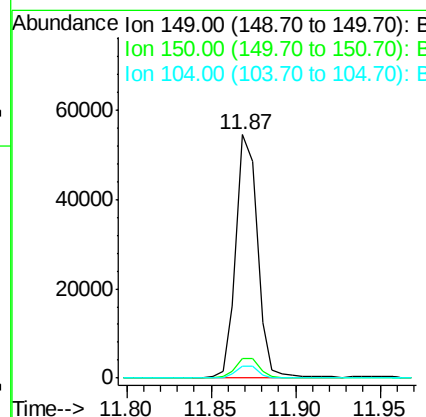
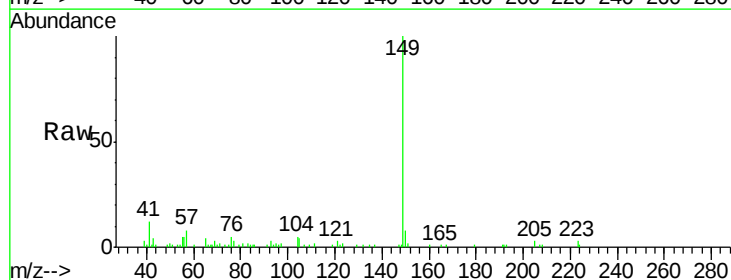
Instrument :
 BNA_F
 ClientSampleId :

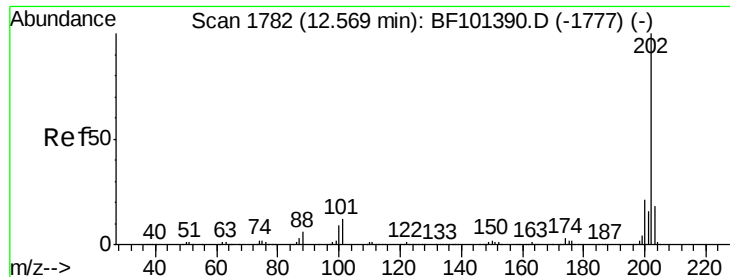
Tot Ion:167 Resp: 29969
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 15.1 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 2.880 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BF101618.D
 Acq: 21 Dec 2017 20:21

Tgt Ion:149 Resp: 49010
 Ion Ratio Lower Upper
 149 100
 150 8.2 7.8 11.6
 104 4.9 3.8 5.8





#74

Fluoranthene

Concen: 2.335 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

Instrument :

BNA_F

ClientSampled :

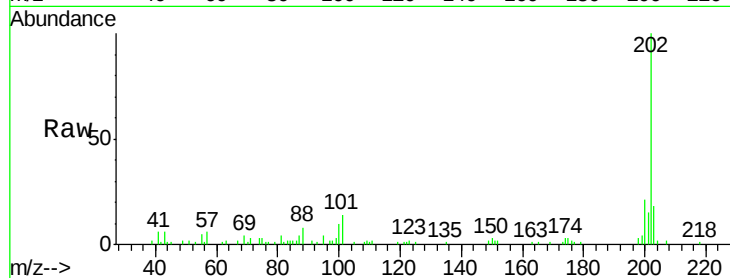
Tot Ion:202 Resp: 35938

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

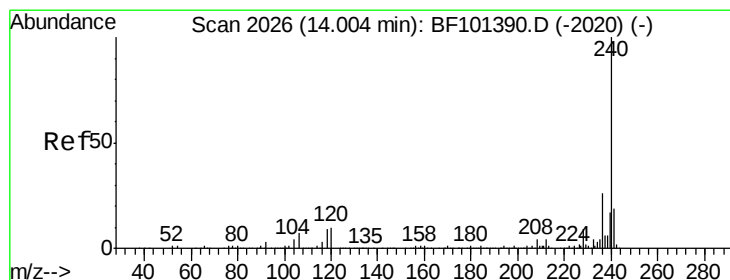
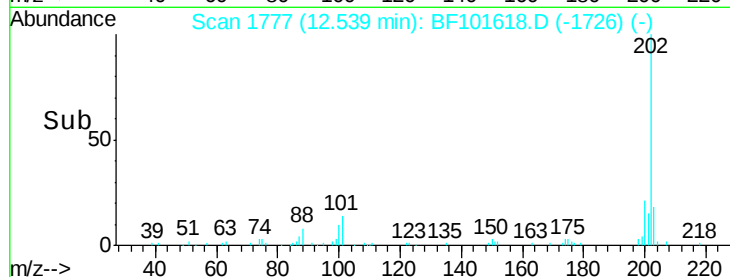
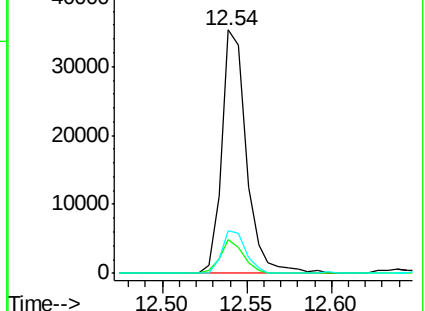
203 17.5 0.0 38.1



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

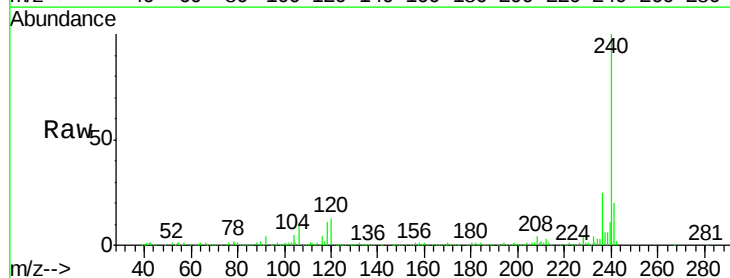
Tgt Ion:240 Resp: 278682

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

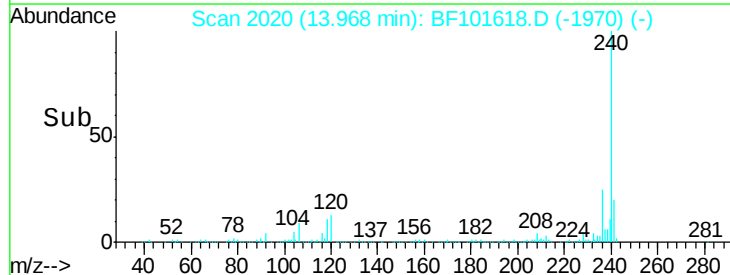
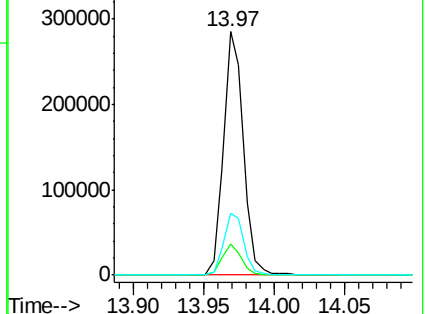
236 25.2 20.7 31.1

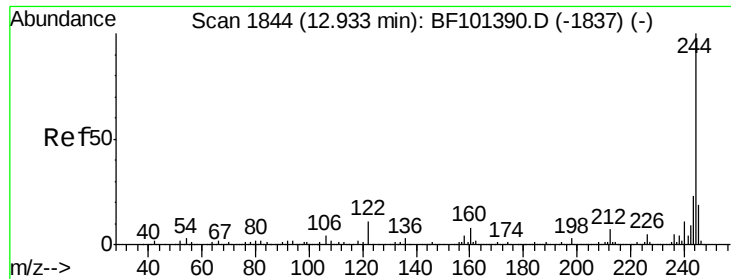


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 5.495 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

Instrument :

BNA_F

ClientSampleId :

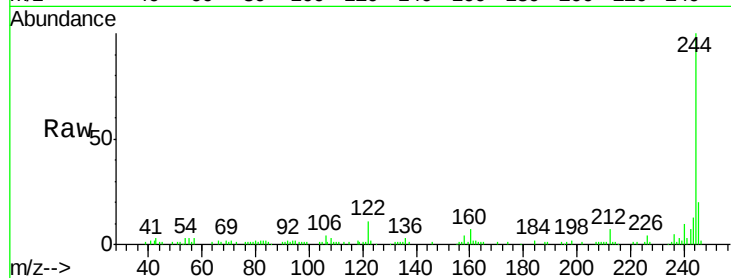
Tot Ion:244 Resp: 63523

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

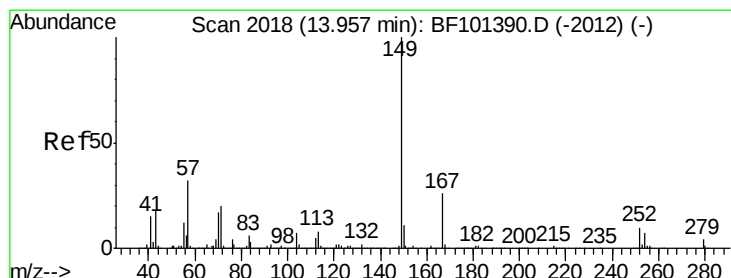
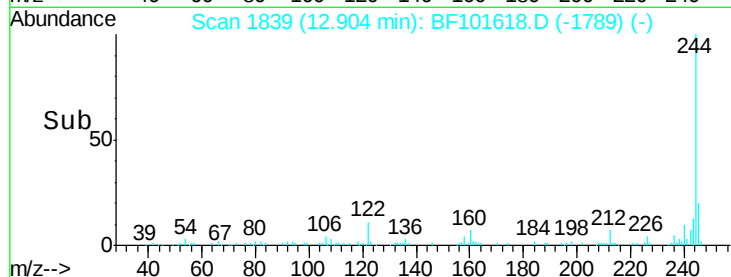
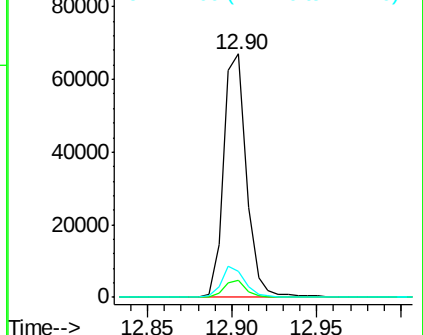
122 10.9 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.569 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF101618.D

Acq: 21 Dec 2017 20:21

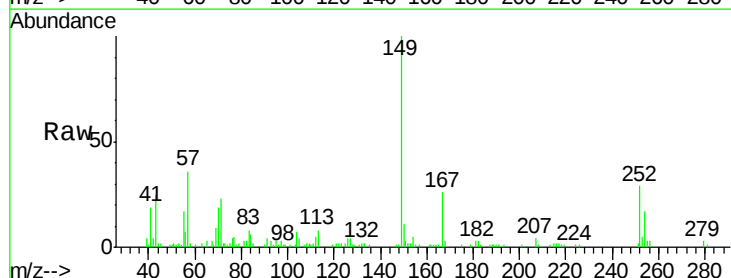
Tgt Ion:149 Resp: 30793

Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

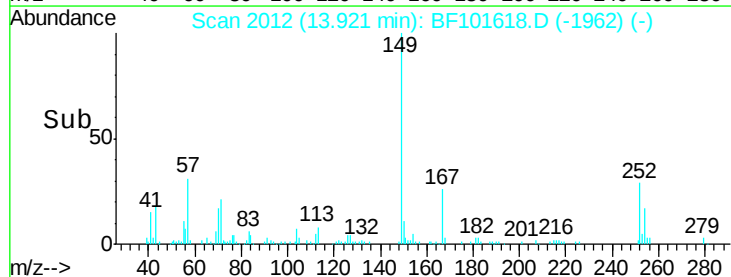
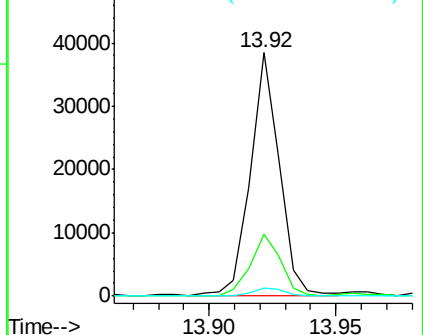
279 3.3 3.0 4.4

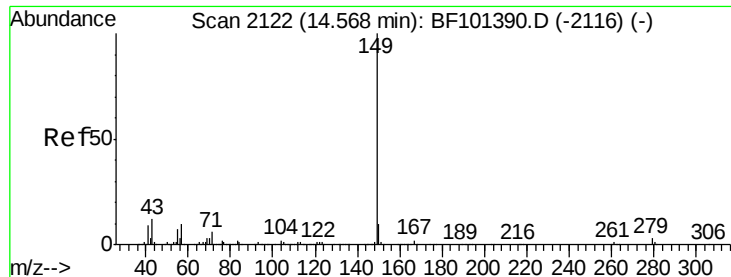


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

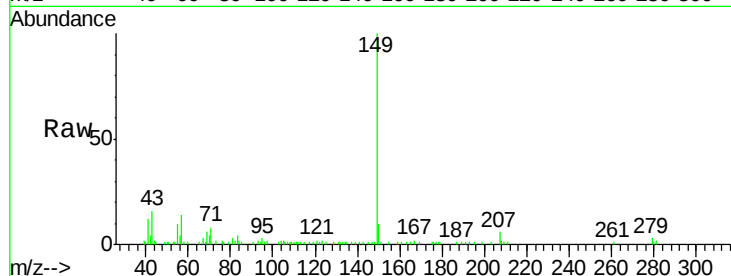




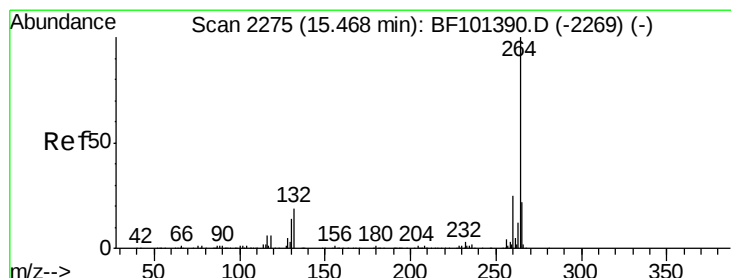
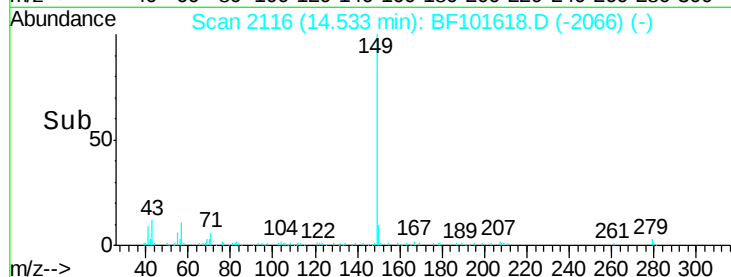
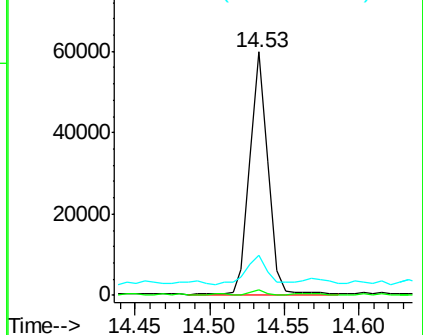
#84
Di-n-octyl phthalate
Concen: 2.413 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8#
43	13.4	8.4	12.6#

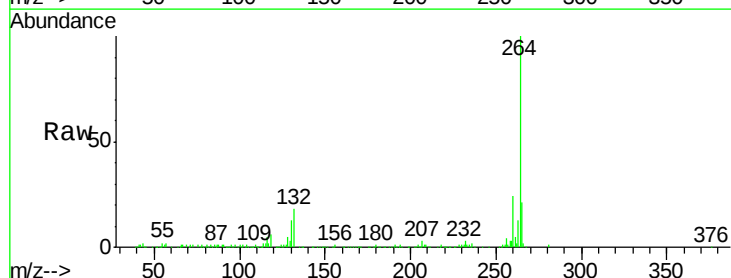


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101618.D
Acq: 21 Dec 2017 20:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.5	26.3



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

