

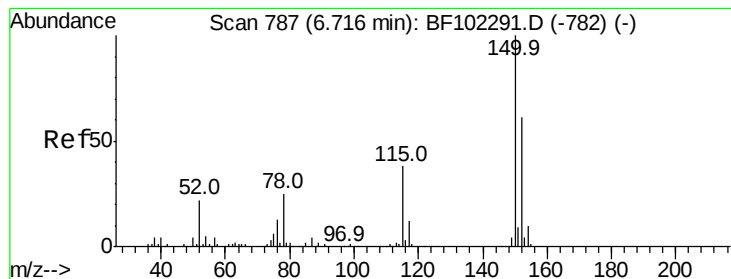
Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102638.D
 Acq On : 30 Jan 2018 14:43
 Operator : SJ/JU
 Sample : J1345-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:16:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	163514	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	678457	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	315828	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	526686	20.00	ng	0.00
75) Chrysene-d12	13.87	240	449318	20.00	ng	0.00
86) Perylene-d12	15.30	264	377196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1074622	99.65	ng	0.01
7) Phenol-d6	6.36	99	1222684	94.04	ng	0.00
23) Nitrobenzene-d5	7.28	82	1081080	91.57	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	321025	102.58	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1762523	82.06	ng	0.00
78) Terphenyl-d14	12.82	244	1711265	85.86	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	24914	2.765	ng	84
19) n-Nitroso-di-n-propylamine	7.28	70	141536	17.789	ng	# 79
25) Isophorone	7.28	82	1081071	51.364	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	40795	7.248	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	40795	5.894	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	21913	3.865	ng	# 1
76) Benizidine	12.58	184	47745	3.163	ng	98

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

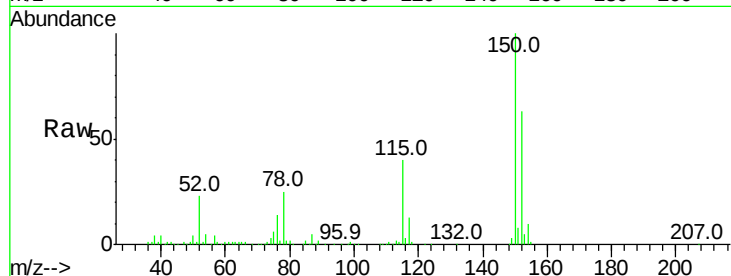


#1

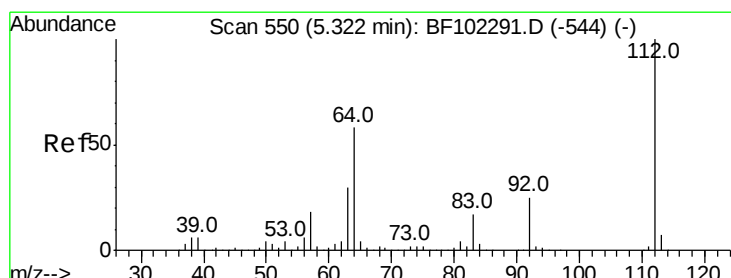
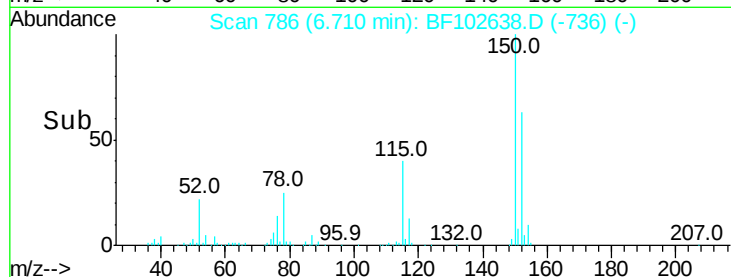
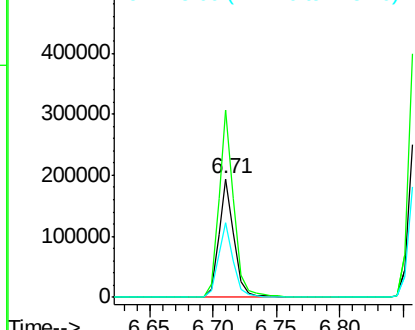
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102638.D
Acq: 30 Jan 2018 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163514
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 62.5 50.1 75.1



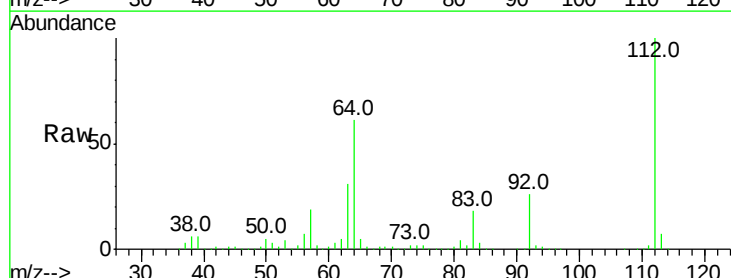
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



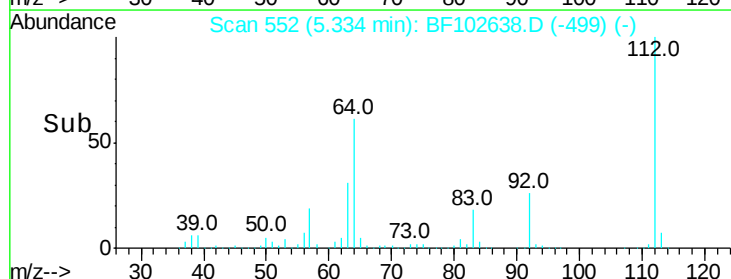
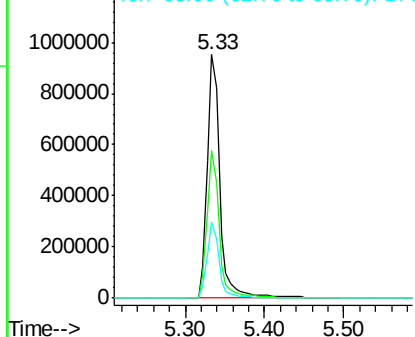
#5

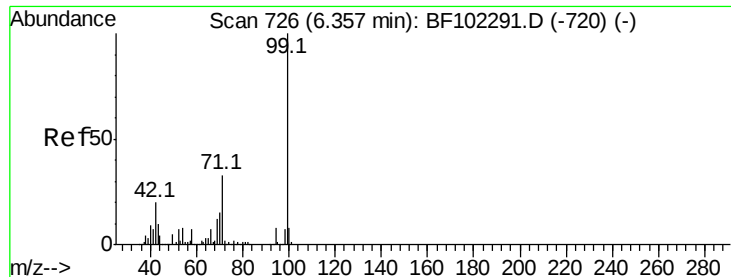
2-Fluorophenol
Concen: 99.649 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102638.D
Acq: 30 Jan 2018 14:43

Tgt Ion:112 Resp: 1074622
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 31.0 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





#7

Phenol-d6

Concen: 94.044 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102638.D

Acq: 30 Jan 2018 14:43

Instrument :

BNA_F

ClientSampled :

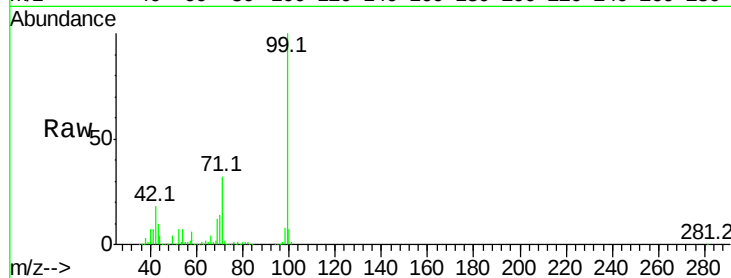
Tot Ion: 99 Resp: 1222684

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

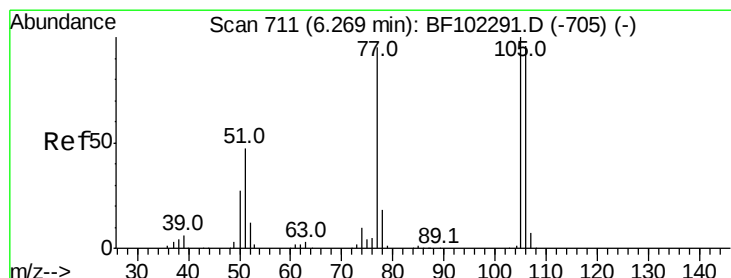
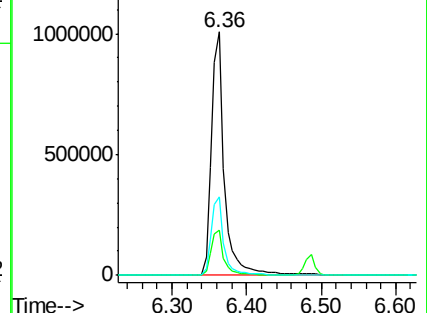
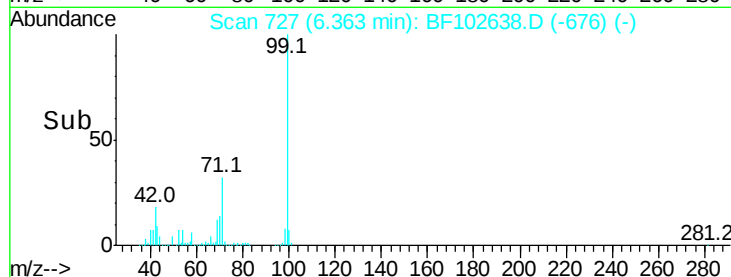
71 32.5 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.765 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102638.D

Acq: 30 Jan 2018 14:43

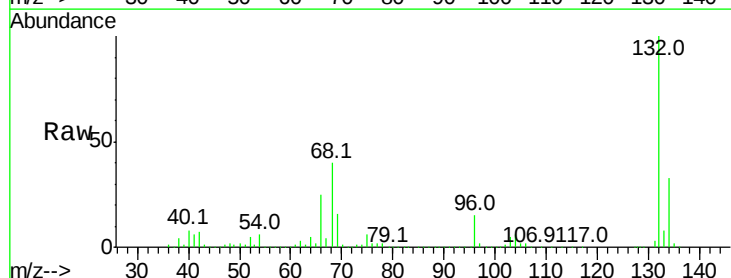
Tgt Ion: 77 Resp: 24914

Ion Ratio Lower Upper

77 100

105 82.7 81.1 121.1

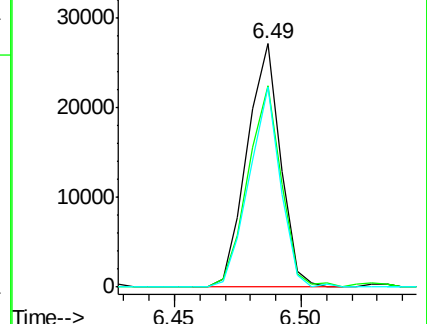
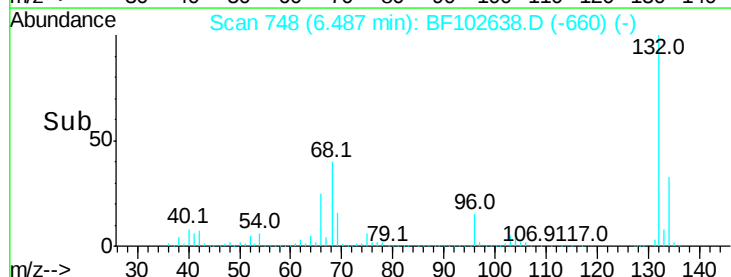
106 82.2 74.5 114.5

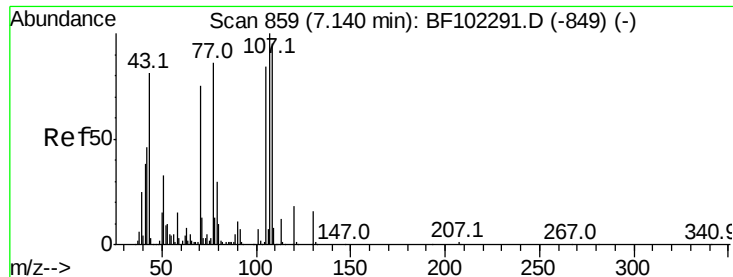


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

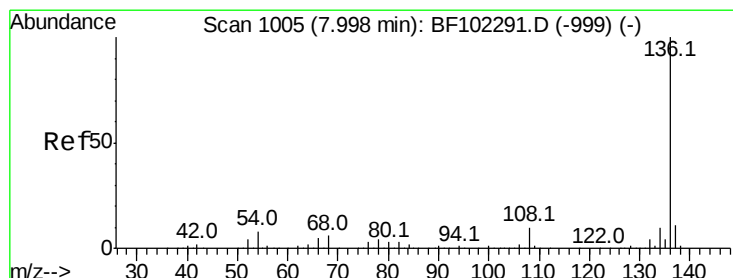
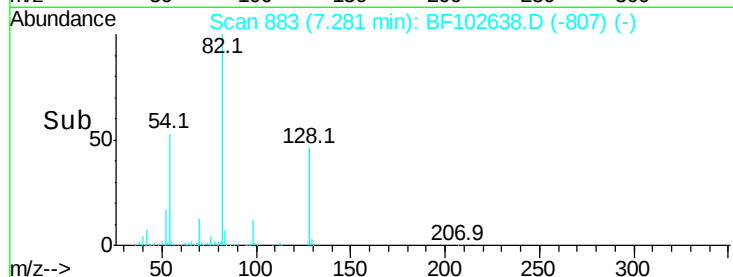
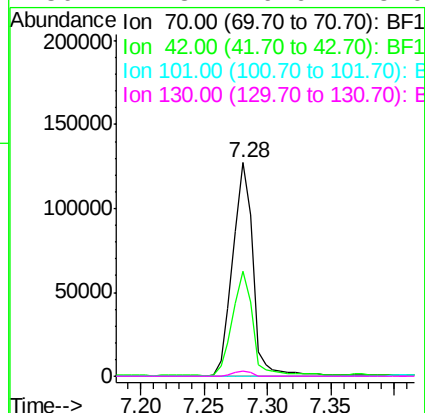
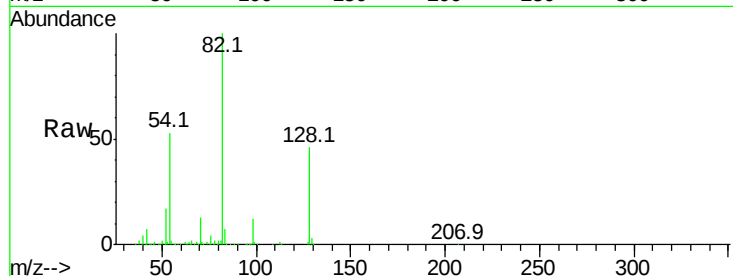




#19
n-Nitroso-di-n-propylamine
Concen: 17.789 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102638.D
Acq: 30 Jan 2018 14:43

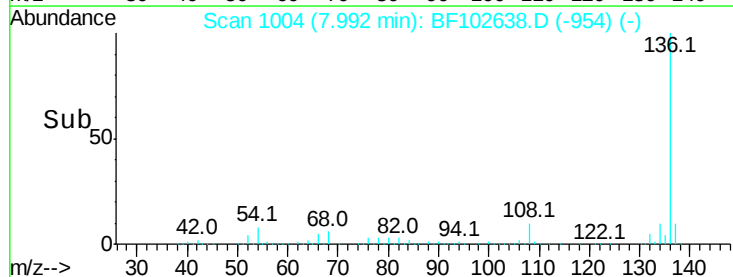
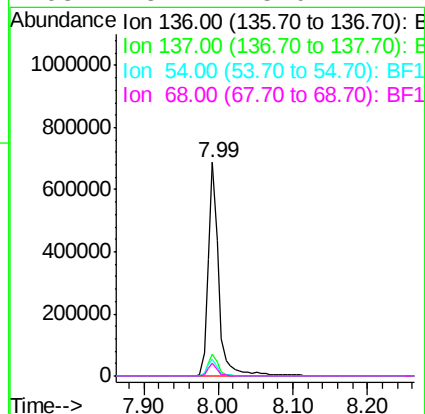
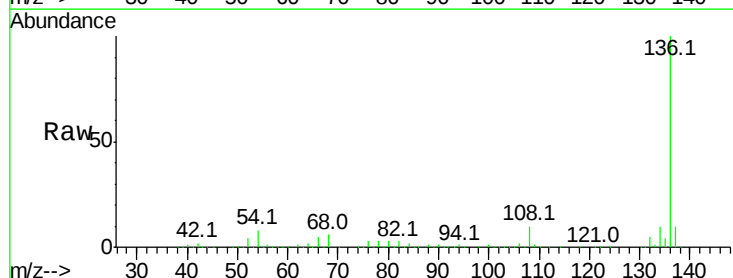
Instrument :
BNA_F
ClientSampleId :

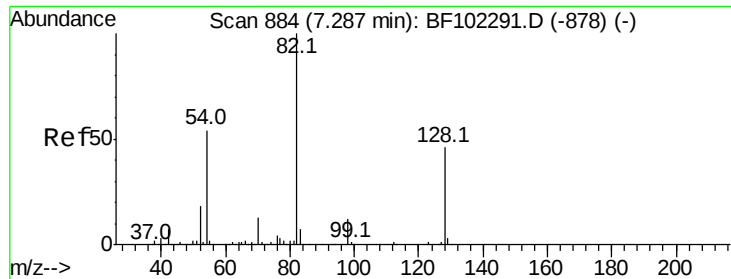
Tot Ion: 70 Resp: 141536
Ion Ratio Lower Upper
70 100
42 49.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102638.D
Acq: 30 Jan 2018 14:43

Tgt Ion:136 Resp: 678457
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.0 6.6 9.8
68 5.7 5.0 7.4

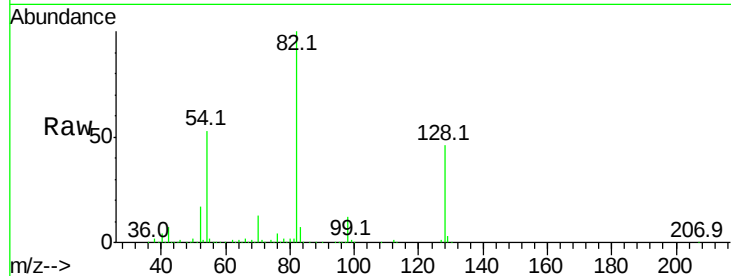




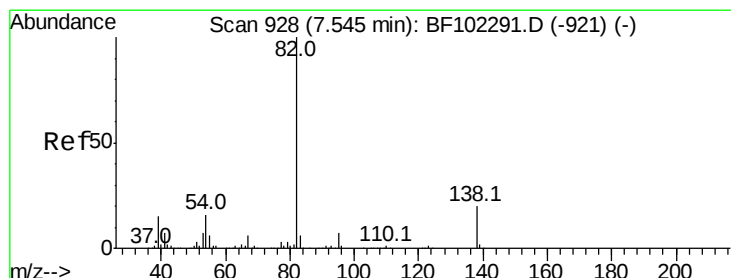
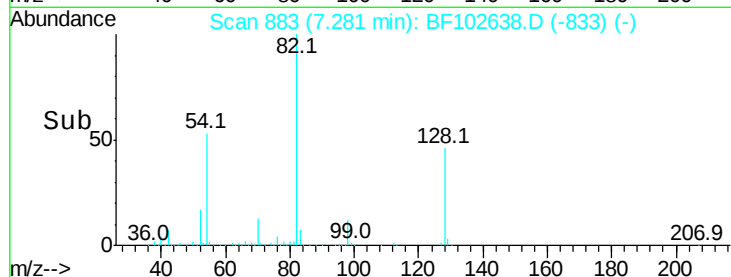
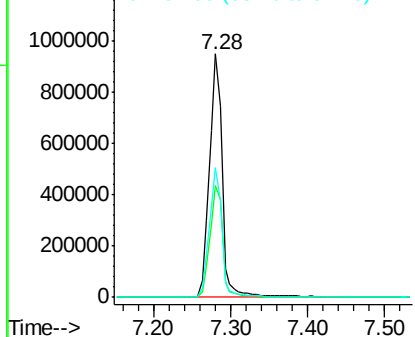
#23
Nitrobenzene-d5
Concen: 91.570 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102638.D
Acq: 30 Jan 2018 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1081080
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 53.1 41.4 62.2

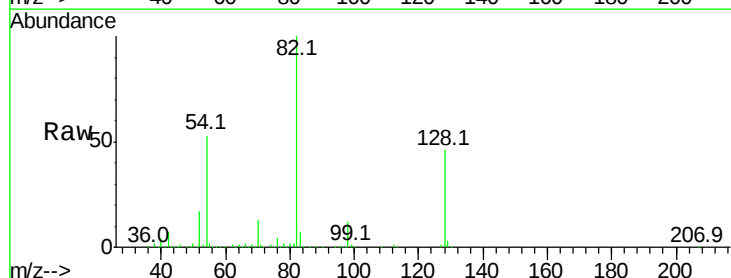


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

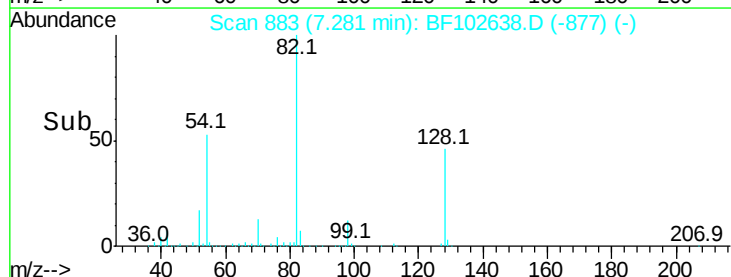
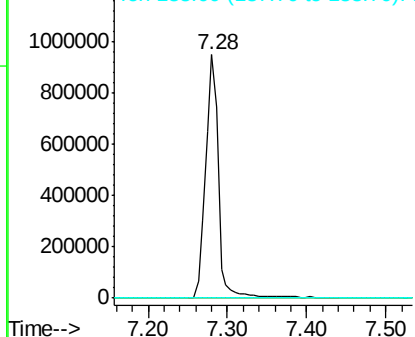


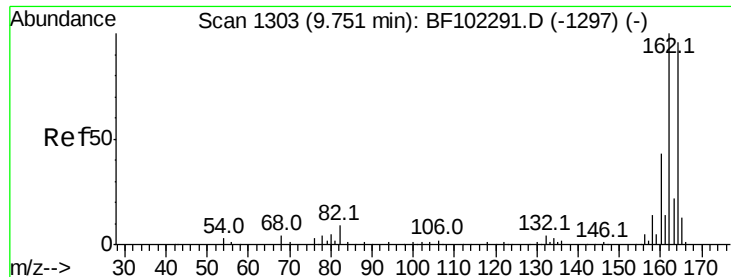
#25
Isophorone
Concen: 51.364 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102638.D
Acq: 30 Jan 2018 14:43

Tgt Ion: 82 Resp: 1081071
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 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

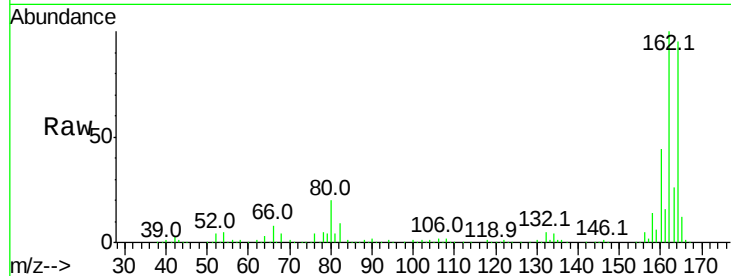




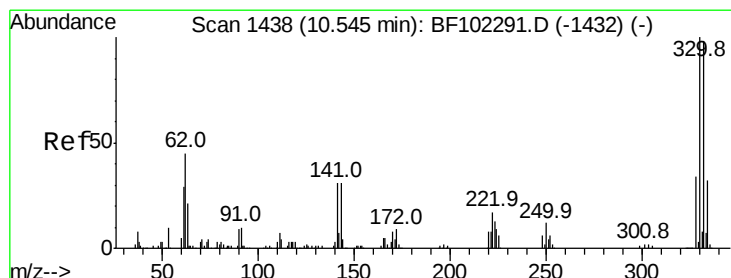
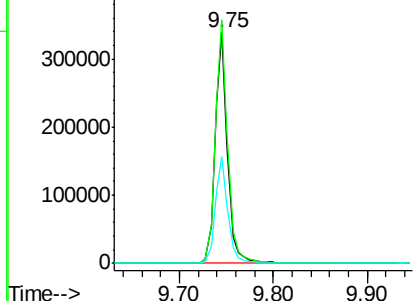
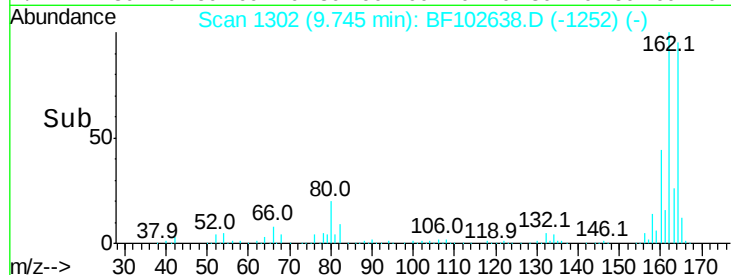
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102638.D
 Acq: 30 Jan 2018 14:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 315828
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 46.5 38.3 57.5

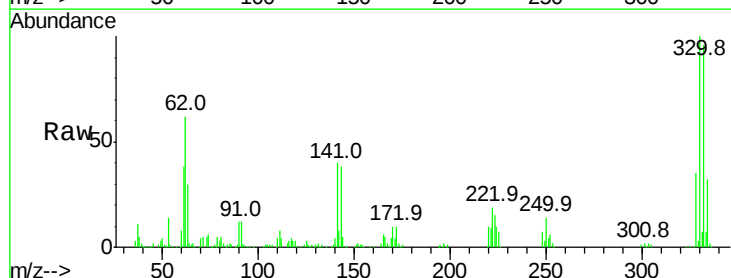


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

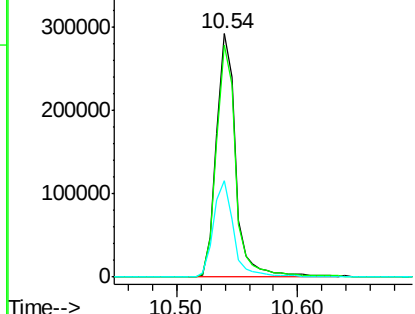
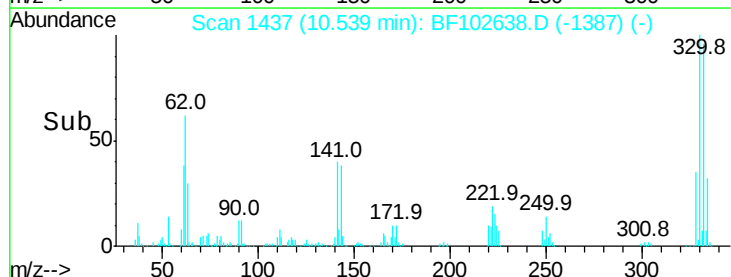


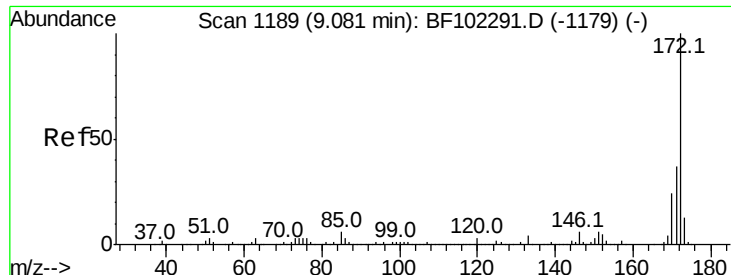
#41
 2,4,6-Tribromophenol
 Concen: 102.584 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102638.D
 Acq: 30 Jan 2018 14:43

Tgt Ion:330 Resp: 321025
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 41.1 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



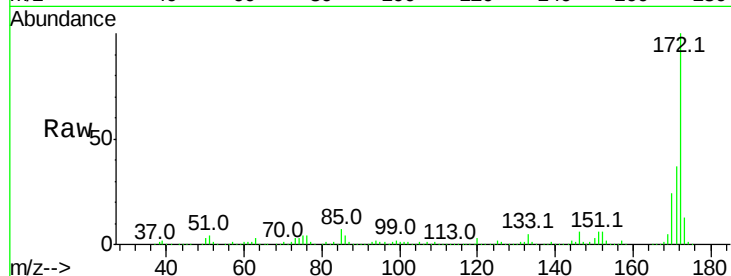


#44
 2-Fluorobiphenyl
 Concen: 82.055 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102638.D
 Acq: 30 Jan 2018 14:43

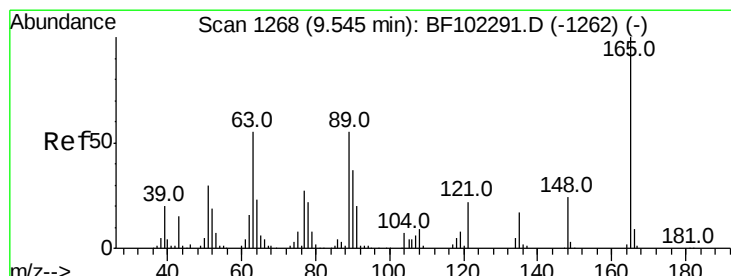
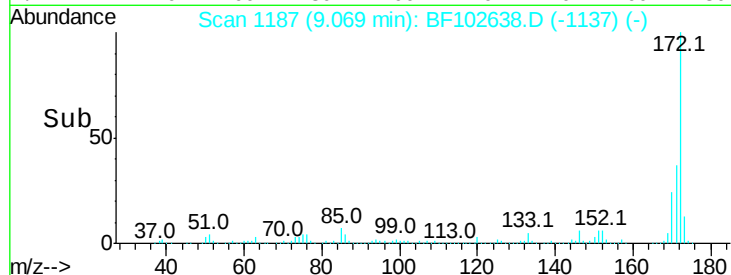
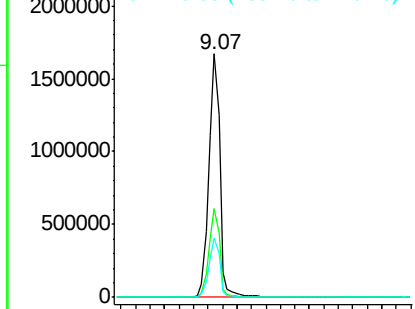
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1762523

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4



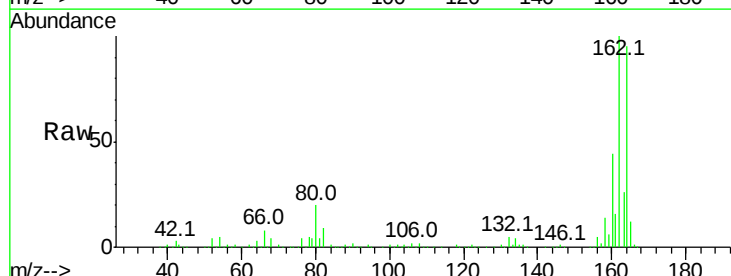
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



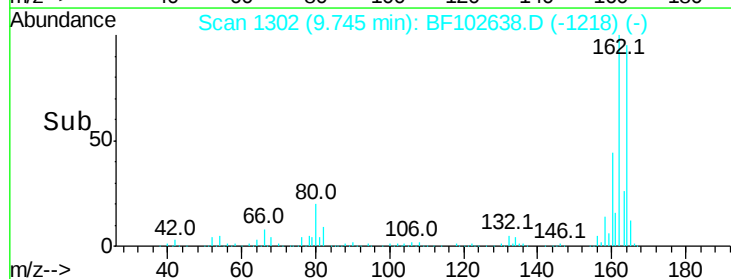
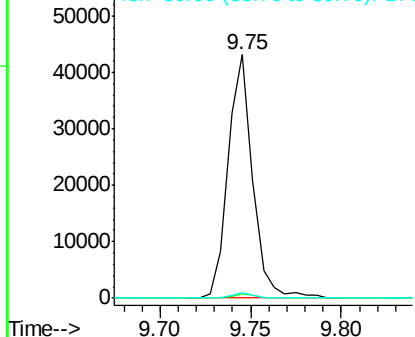
#50
 2,6-Dinitrotoluene
 Concen: 7.248 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102638.D
 Acq: 30 Jan 2018 14:43

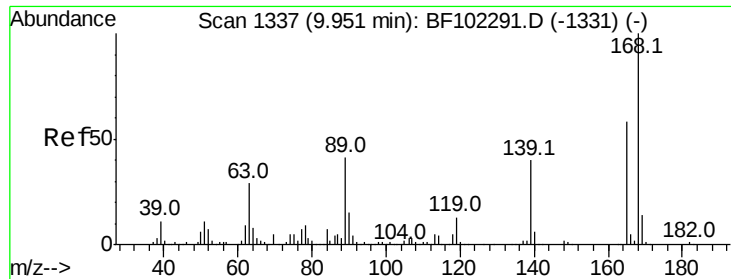
Tgt Ion:165 Resp: 40795

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	2.2	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

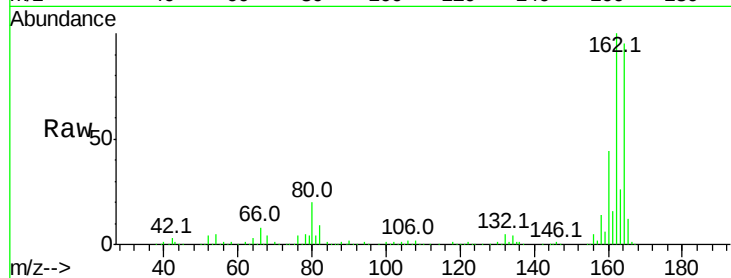




#56
 2,4-Dinitrotoluene
 Concen: 5.894 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102638.D
 Acq: 30 Jan 2018 14:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#

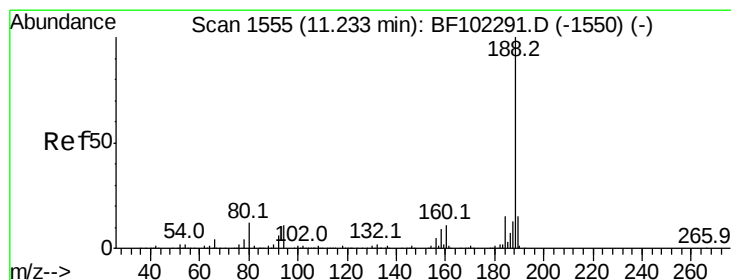
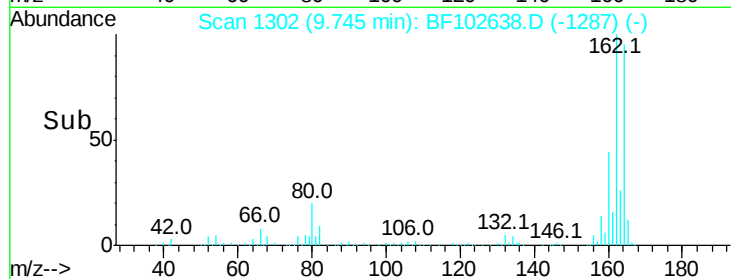
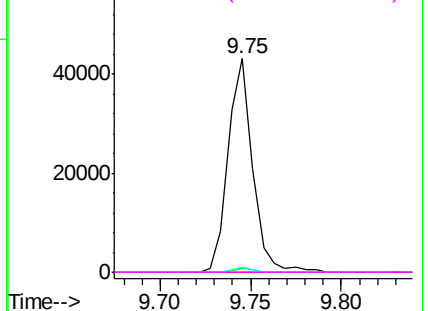


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

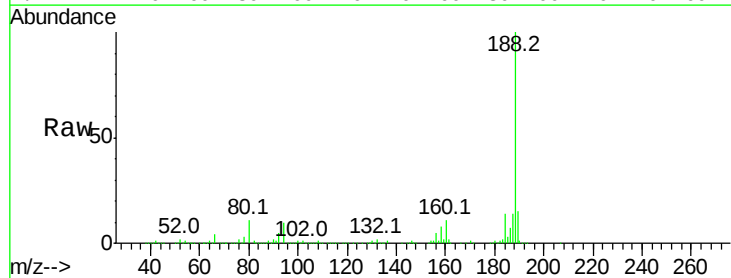
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102638.D
 Acq: 30 Jan 2018 14:43

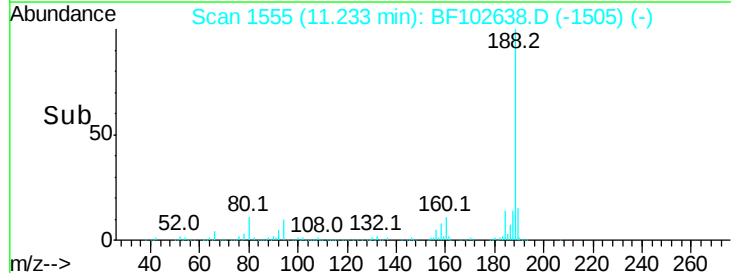
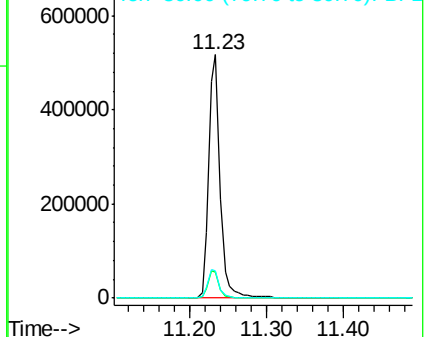
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8

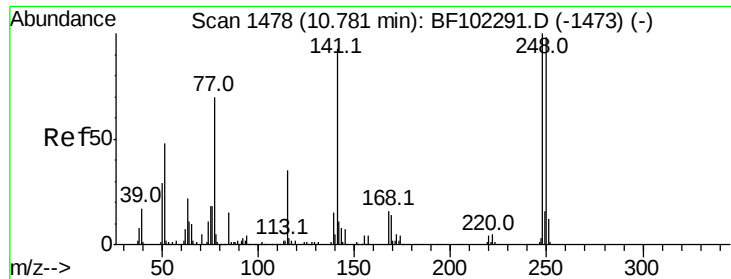


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

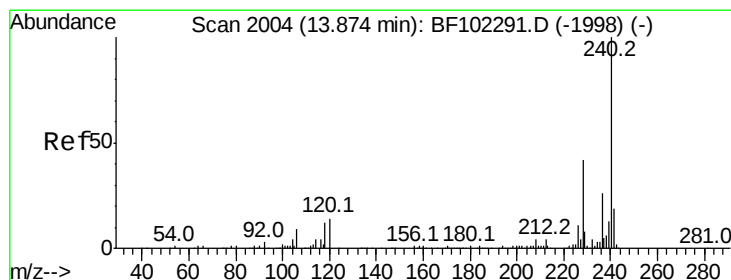
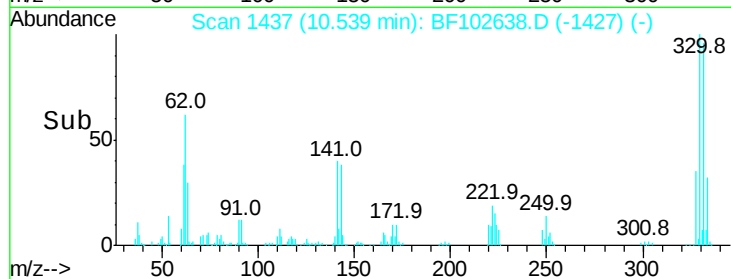
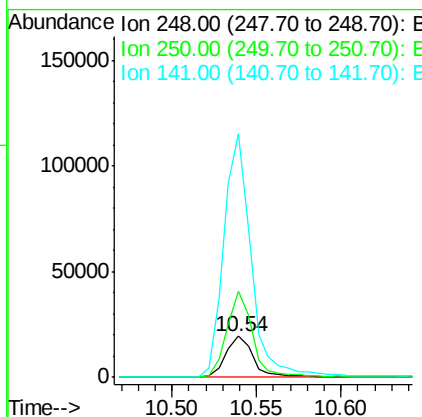
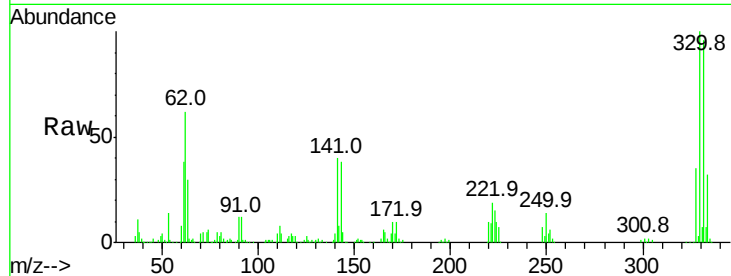




#66
 4-Bromophenyl-phenylether
 Concen: 3.865 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF102638.D
 Acq: 30 Jan 2018 14:43

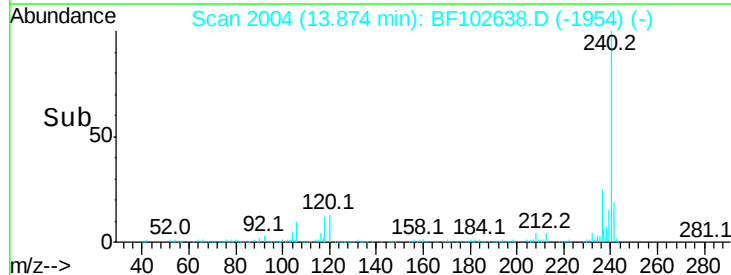
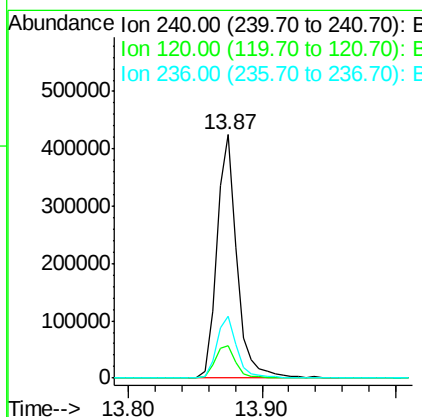
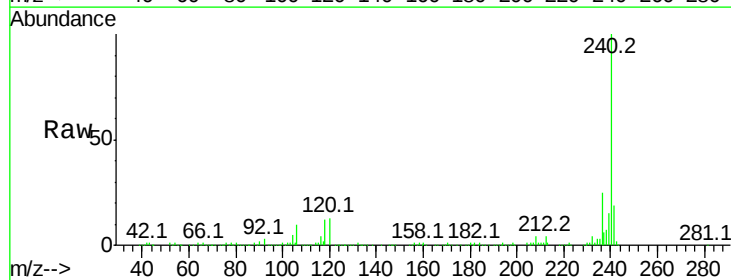
Instrument :
 BNA_F
 ClientSampleId :

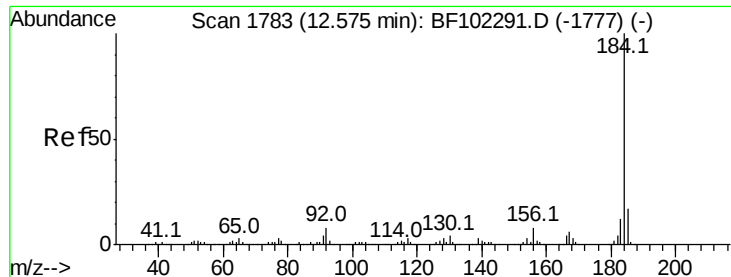
Tot Ion:248 Resp: 21913
 Ion Ratio Lower Upper
 248 100
 250 212.1 76.9 115.3#
 141 595.0 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF102638.D
 Acq: 30 Jan 2018 14:43

Tgt Ion:240 Resp: 449318
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 25.2 20.7 31.1





#76

Benzidine

Concen: 3.163 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102638.D

Acq: 30 Jan 2018 14:43

Instrument :

BNA_F

ClientSampleId :

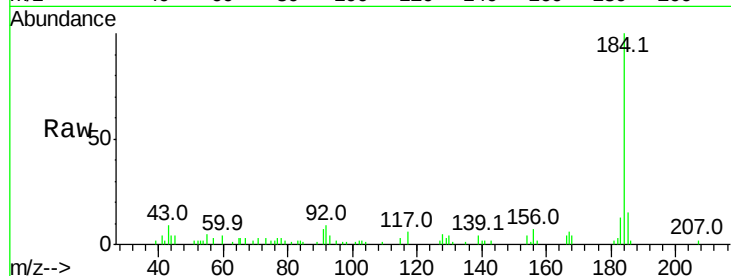
Tot Ion:184 Resp: 47745

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

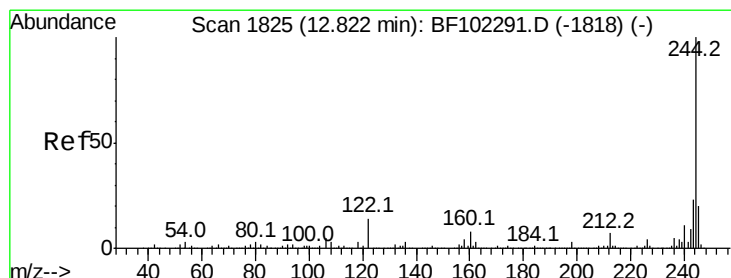
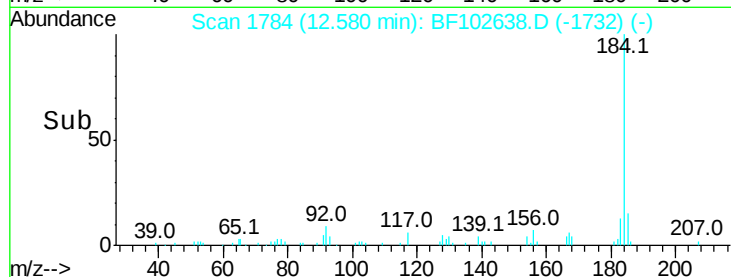
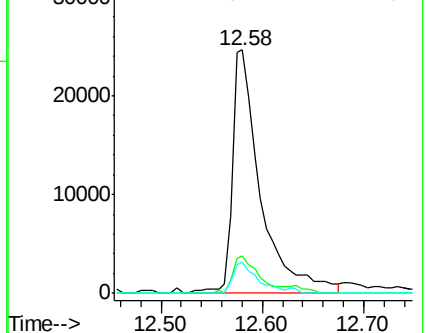
183 12.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 85.859 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102638.D

Acq: 30 Jan 2018 14:43

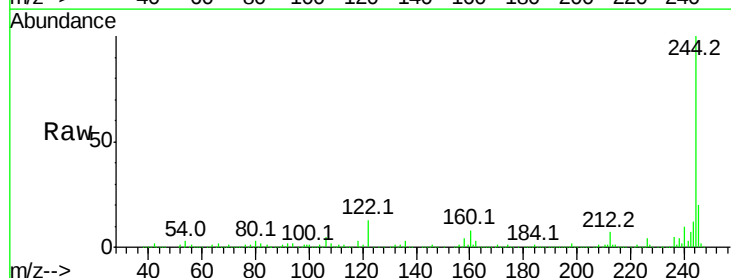
Tgt Ion:244 Resp: 1711265

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

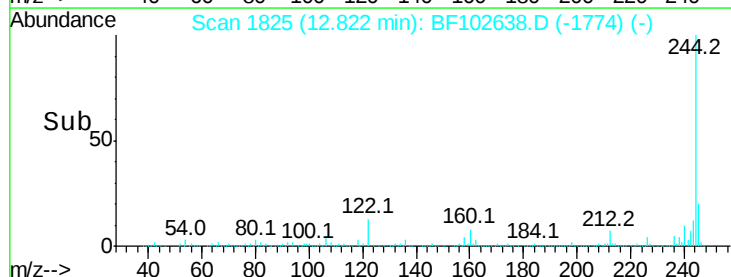
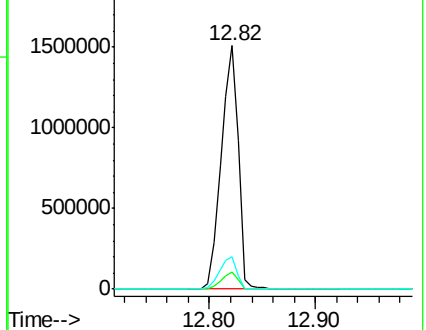
122 13.2 11.0 16.4

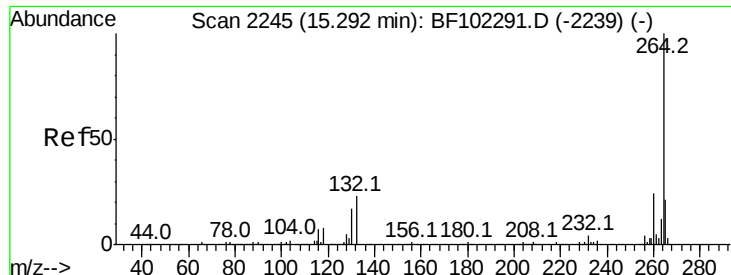


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



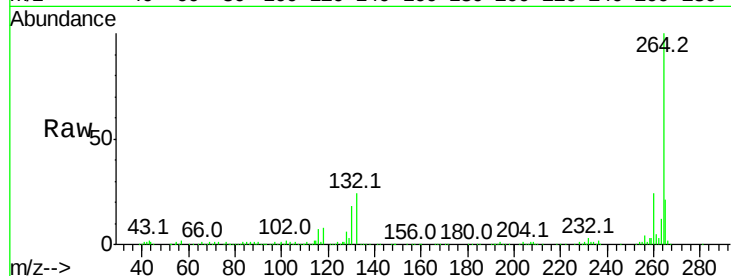


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF102638.D
Acq: 30 Jan 2018 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 377196

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	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

