

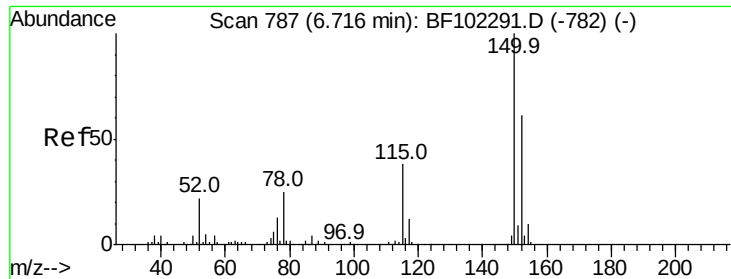
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102620.D
 Acq On : 30 Jan 2018 1:47
 Operator : SJ/JU
 Sample : J1253-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 02:46:43 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	167860	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	623078	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	264323	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	405653	20.00	ng	0.00
75) Chrysene-d12	13.87	240	282115	20.00	ng	0.00
86) Perylene-d12	15.31	264	279078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	980184	88.54	ng	0.00
7) Phenol-d6	6.36	99	1212045	90.81	ng	0.00
23) Nitrobenzene-d5	7.28	82	757719	69.88	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	191872	73.26	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1146254	63.76	ng	0.00
78) Terphenyl-d14	12.82	244	762040	60.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	20777	2.271	ng	80
10) Phenol	6.37	94	50373	3.457	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	99418	12.172	ng	# 78
25) Isophorone	7.28	82	757714	39.200	ng	# 64
49) Dimethylphthalate	9.47	163	169755	7.770	ng	99
56) 2,4-Dinitrotoluene	9.75	165	33249	5.740	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	12852	2.943	ng	# 1

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

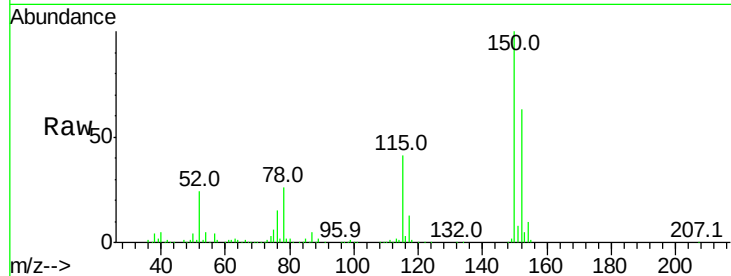


#1

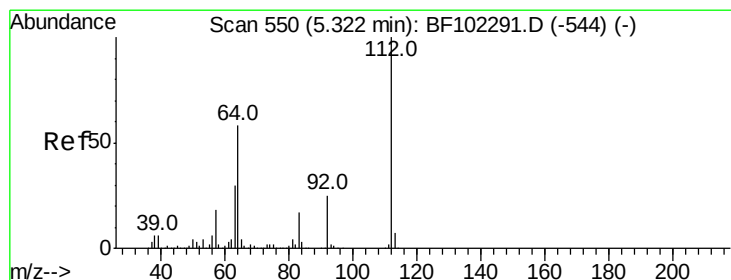
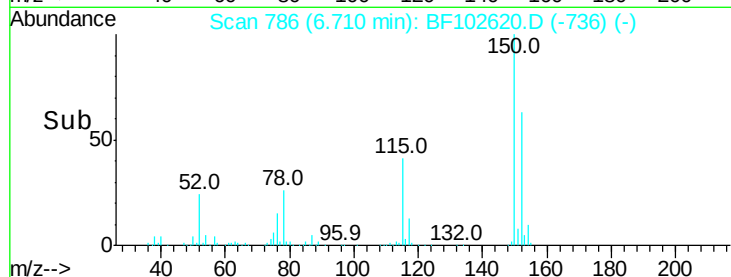
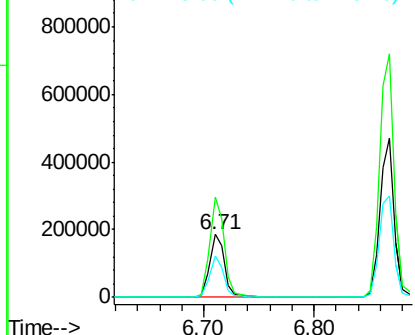
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102620.D
Acq: 30 Jan 2018 1:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 167860
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 65.5 50.1 75.1



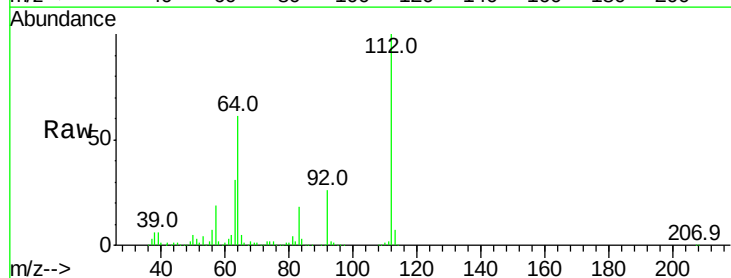
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



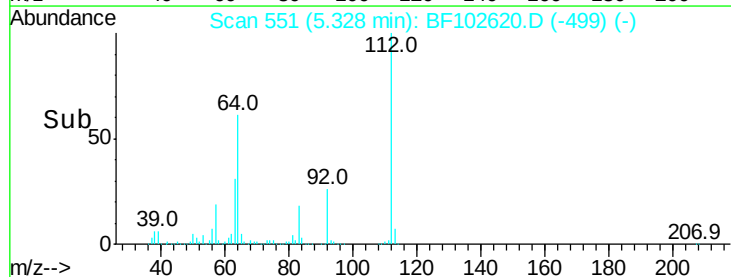
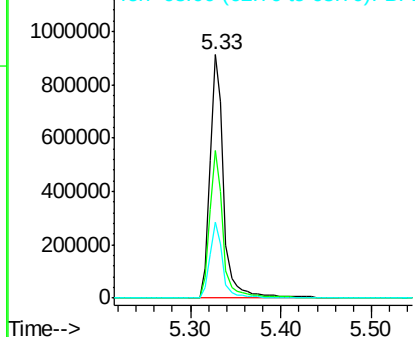
#5

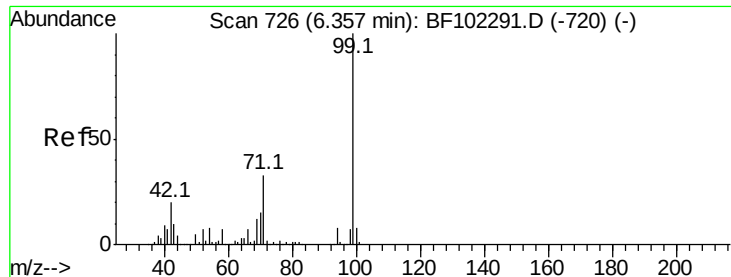
2-Fluorophenol
Concen: 88.539 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102620.D
Acq: 30 Jan 2018 1:47

Tgt Ion:112 Resp: 980184
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 31.3 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: 90.812 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102620.D

Acq: 30 Jan 2018 1:47

Instrument :

BNA_F

ClientSampleId :

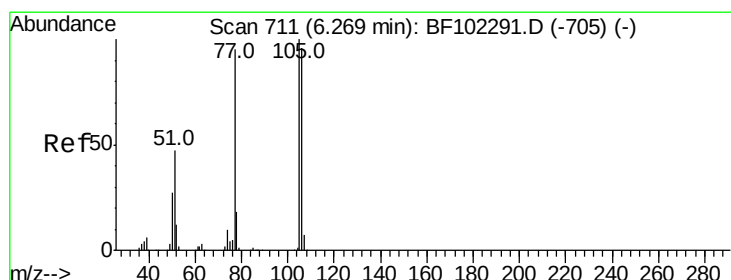
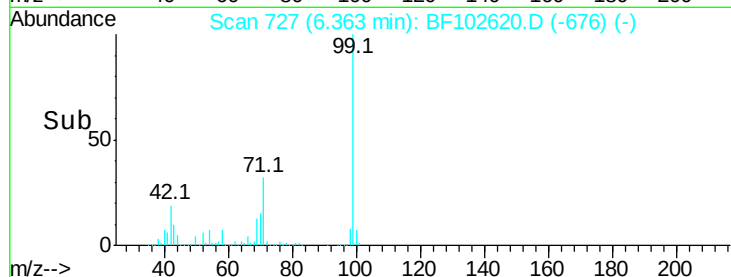
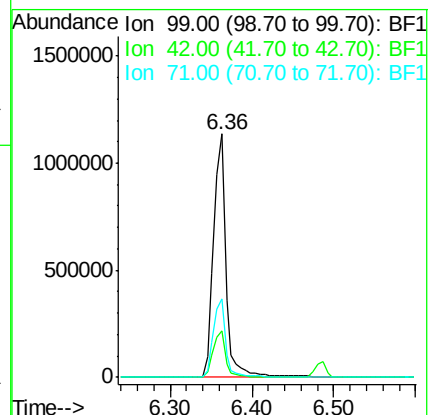
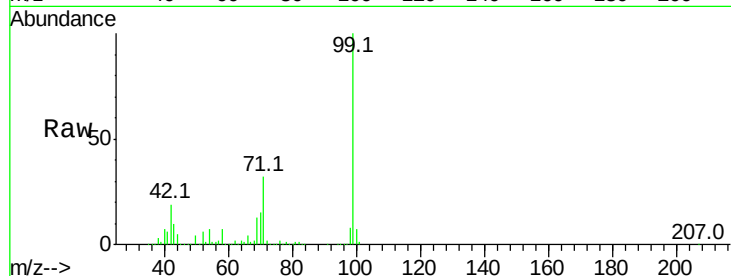
Tot Ion: 99 Resp: 1212045

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 32.3 25.4 38.0



#9

Benzaldehyde

Concen: 2.271 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102620.D

Acq: 30 Jan 2018 1:47

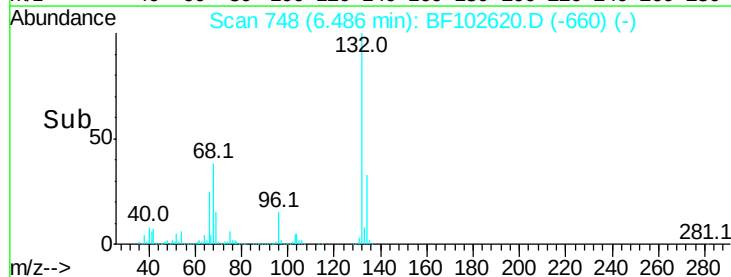
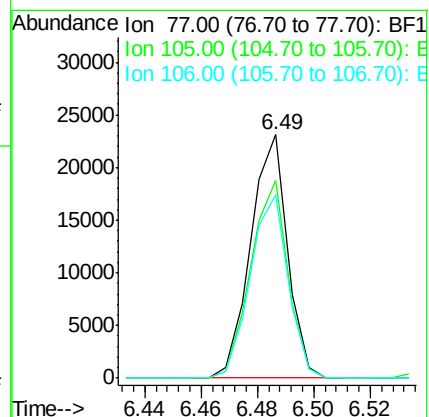
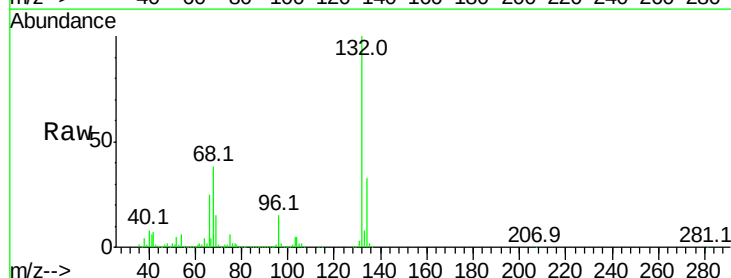
Tgt Ion: 77 Resp: 20777

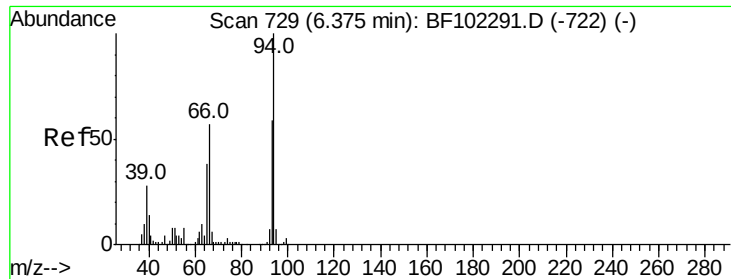
Ion Ratio Lower Upper

77 100

105 81.4 81.1 121.1

106 75.3 74.5 114.5

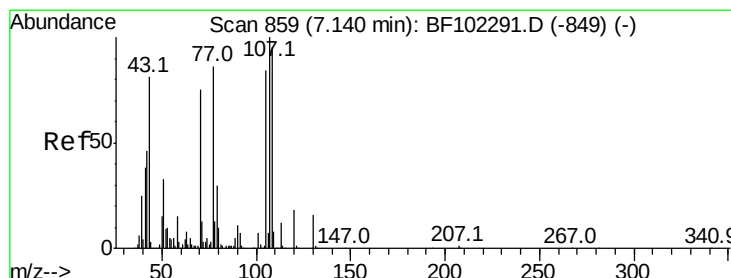
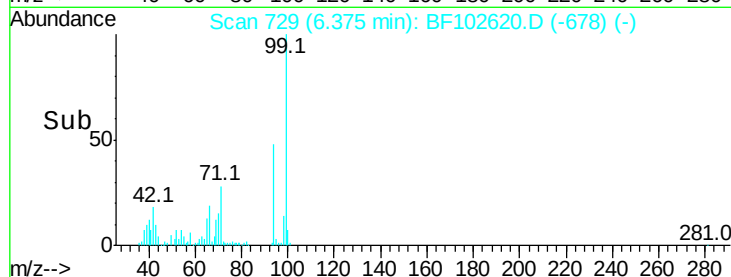
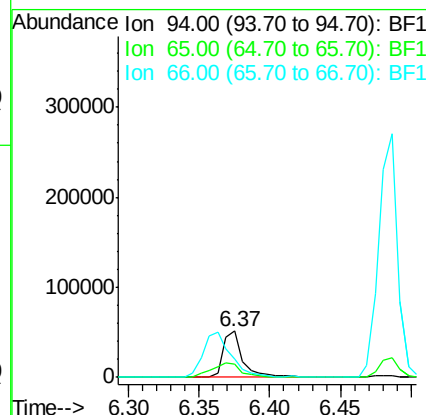
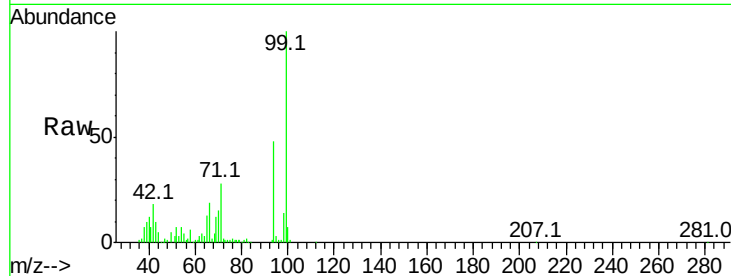




#10
Phenol
Concen: 3.457 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102620.D
Acq: 30 Jan 2018 1:47

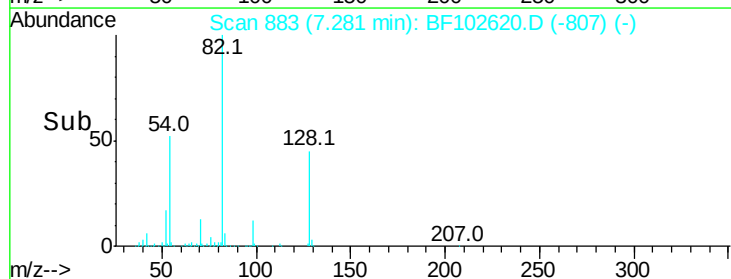
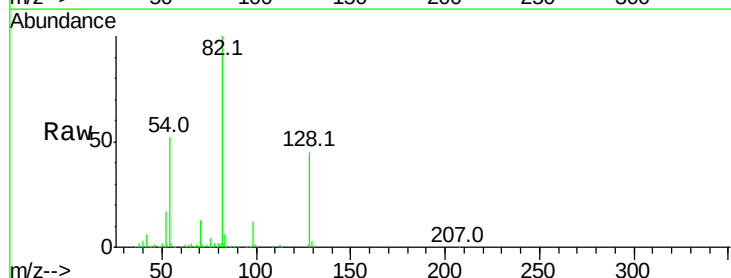
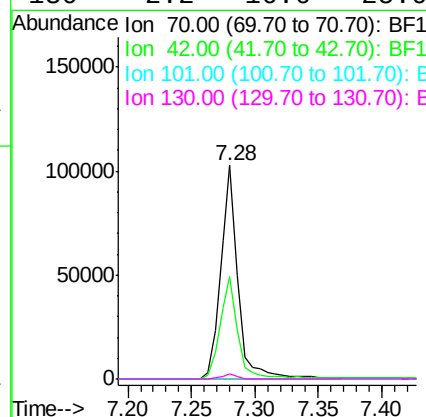
Instrument :
BNA_F
ClientSampleId :

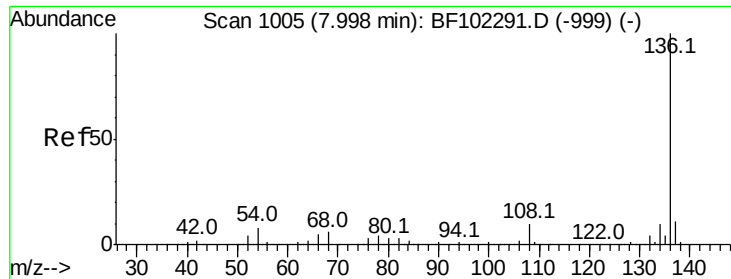
Tot Ion: 94 Resp: 50373
Ion Ratio Lower Upper
94 100
65 27.5 7.9 47.9
66 39.3 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.172 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102620.D
Acq: 30 Jan 2018 1:47

Tgt Ion: 70 Resp: 99418
Ion Ratio Lower Upper
70 100
42 47.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#

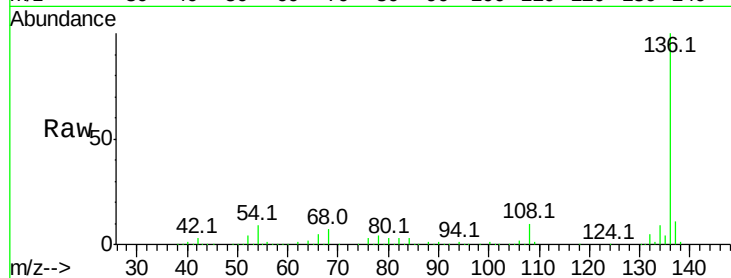




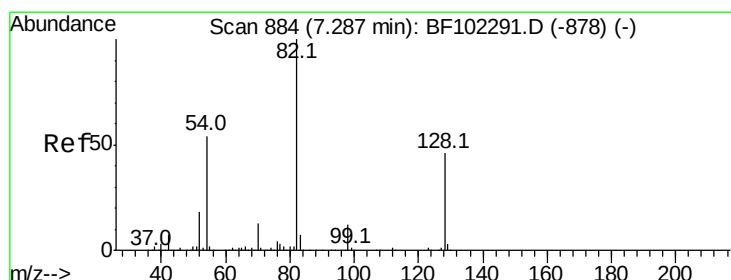
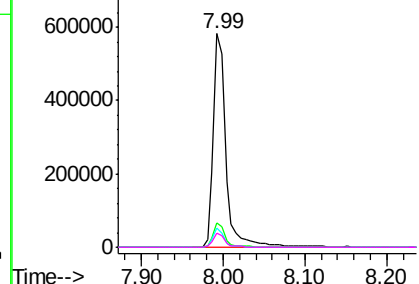
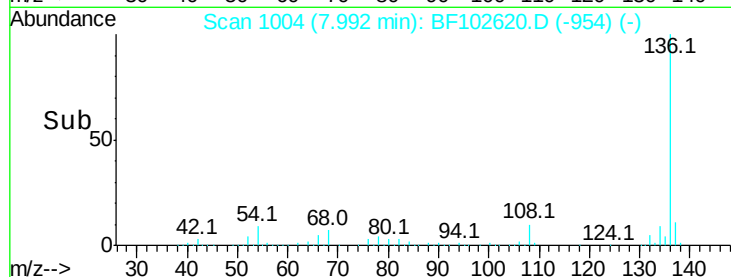
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102620.D
Acq: 30 Jan 2018 1:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	623078
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.7	6.6	9.8
68	6.5	5.0	7.4

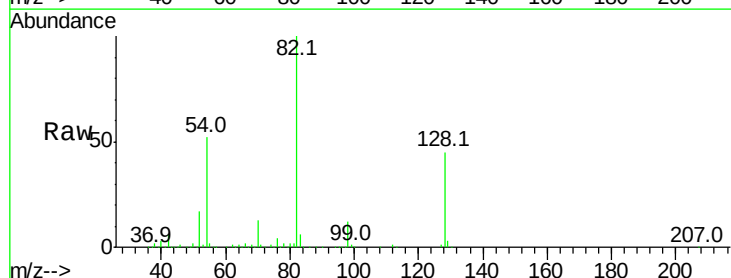


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

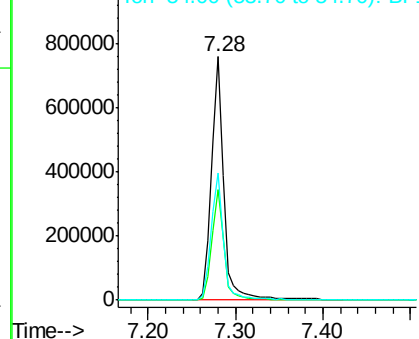
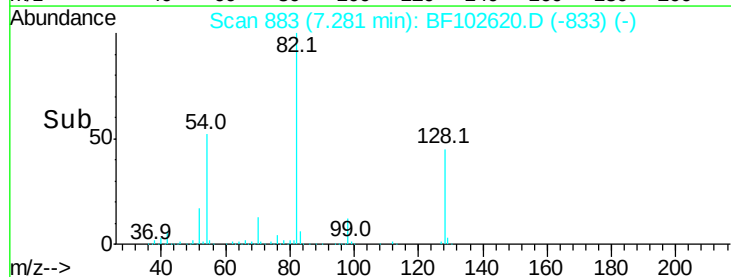


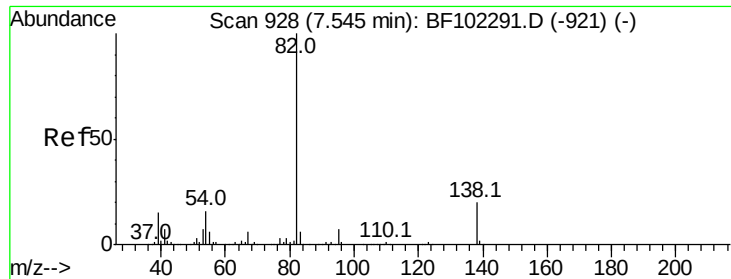
#23
Nitrobenzene-d5
Concen: 69.885 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102620.D
Acq: 30 Jan 2018 1:47

Tgt Ion:	82	Resp:	757719
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	52.1	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

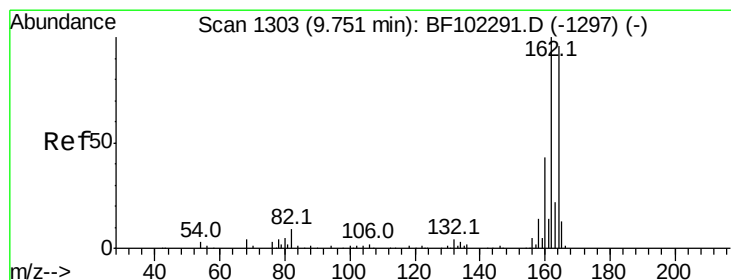
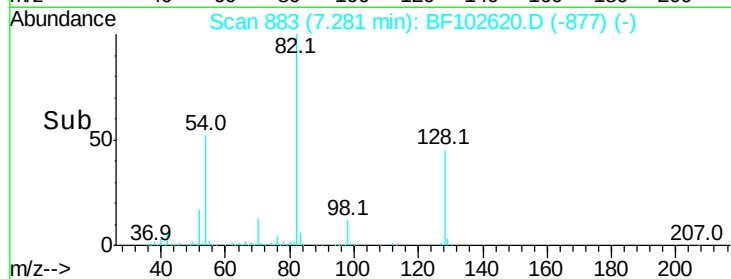
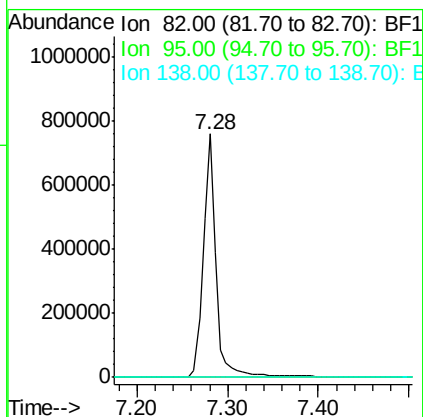
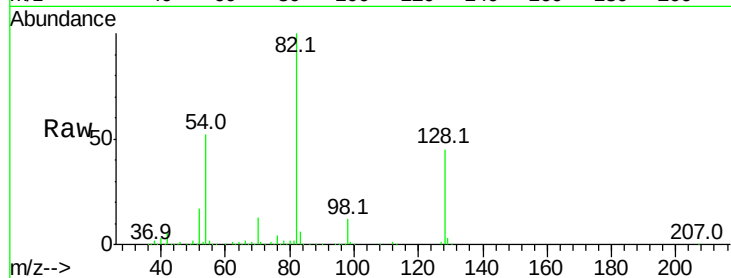




#25
Isophorone
Concen: 39.200 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102620.D
Acq: 30 Jan 2018 1:47

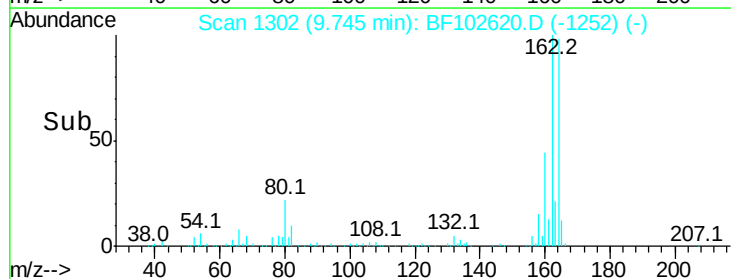
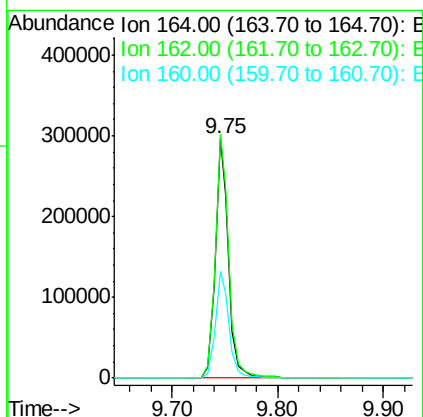
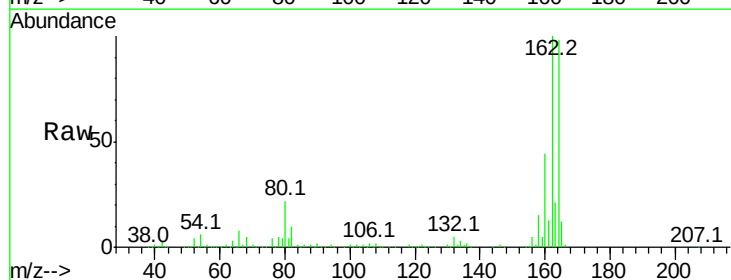
Instrument :
BNA_F
ClientSampleId :

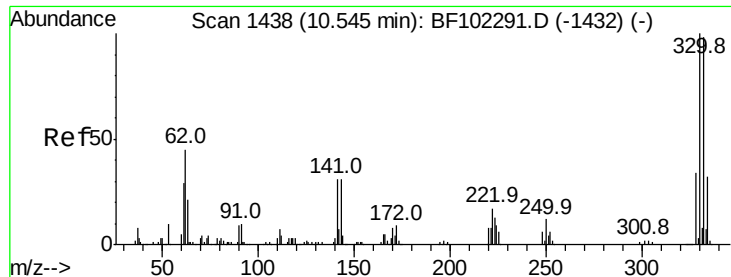
Tot Ion: 82 Resp: 757714
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102620.D
Acq: 30 Jan 2018 1:47

Tgt Ion: 164 Resp: 264323
Ion Ratio Lower Upper
164 100
162 101.6 86.1 129.1
160 44.3 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 73.260 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102620.D

Acq: 30 Jan 2018 1:47

Instrument :

BNA_F

ClientSampled :

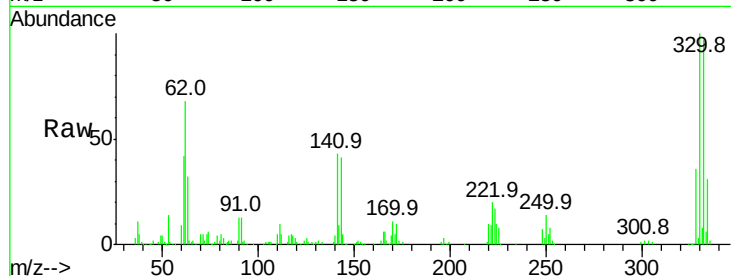
Tot Ion:330 Resp: 191872

Ion Ratio Lower Upper

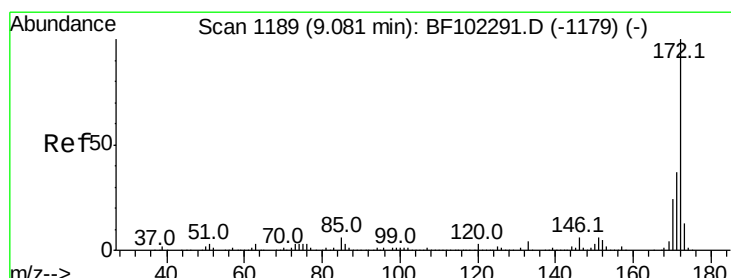
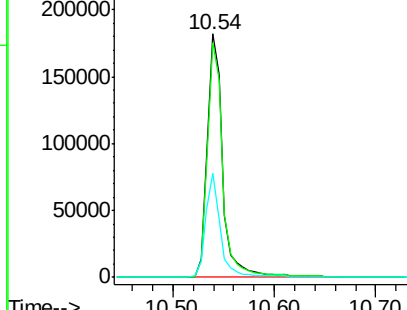
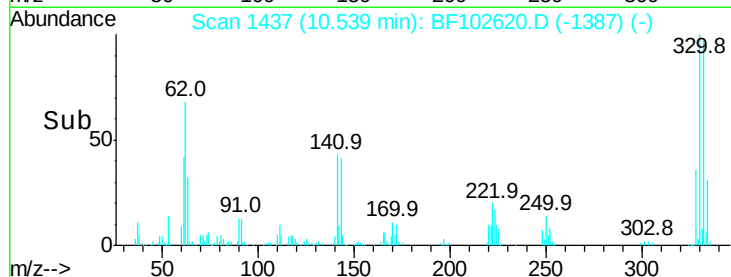
330 100

332 97.6 77.0 115.6

141 41.0 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: 63.763 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF102620.D

Acq: 30 Jan 2018 1:47

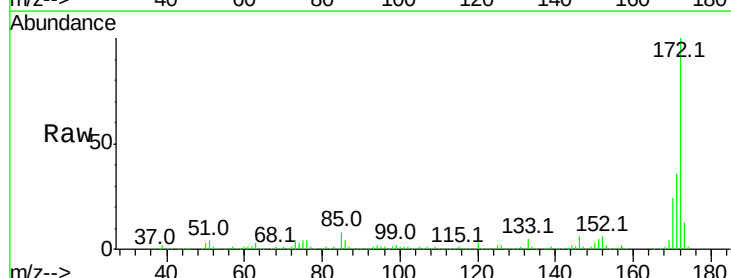
Tgt Ion:172 Resp: 1146254

Ion Ratio Lower Upper

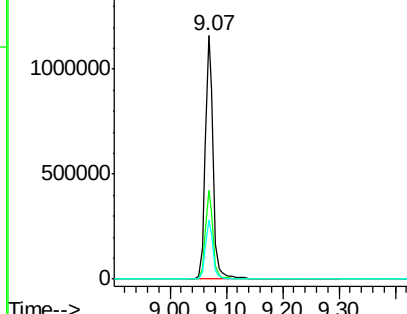
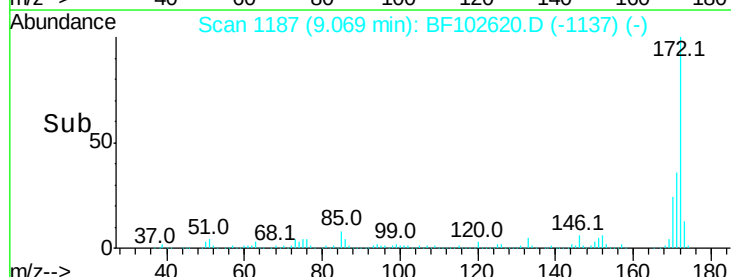
172 100

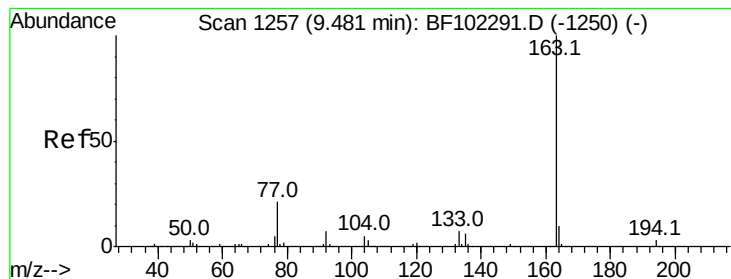
171 36.2 29.7 44.5

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





#49

Dimethylphthalate

Concen: 7.770 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102620.D

Acq: 30 Jan 2018 1:47

Instrument :

BNA_F

ClientSampleId :

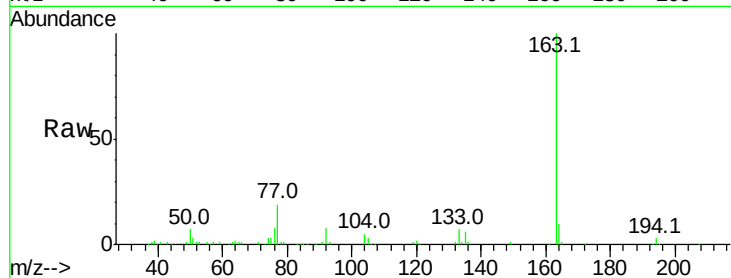
Tot Ion:163 Resp: 169755

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

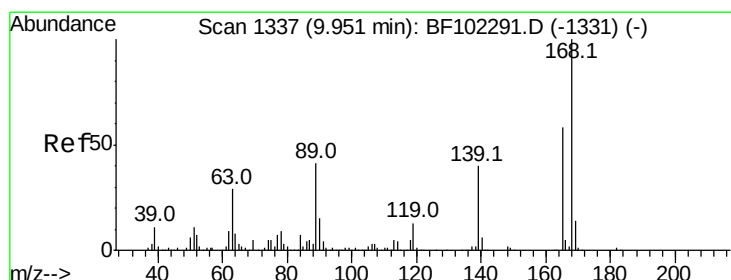
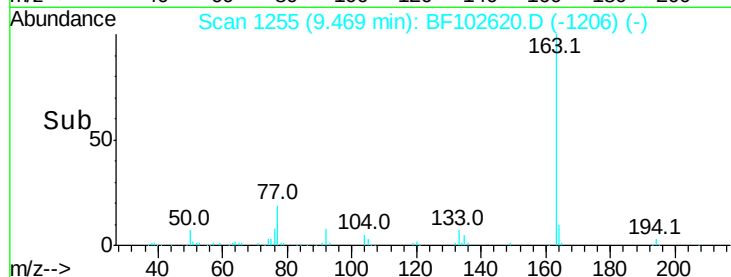
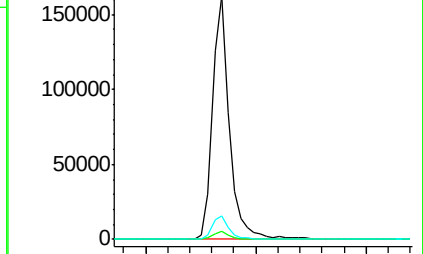
164 9.8 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.740 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF102620.D

Acq: 30 Jan 2018 1:47

Tgt Ion:165 Resp: 33249

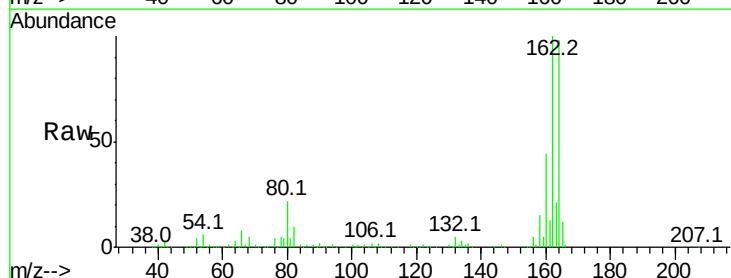
Ion Ratio Lower Upper

165 100

63 0.8 36.4 54.6#

89 1.0 57.8 86.6#

182 0.0 1.6 2.4#

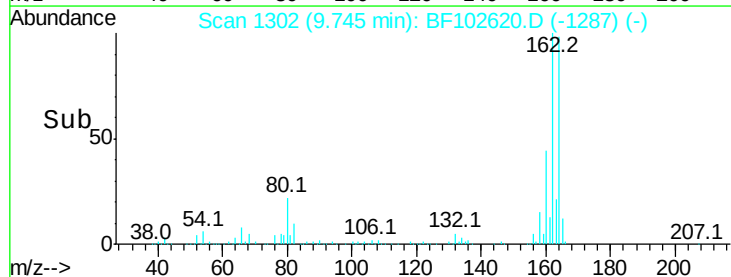
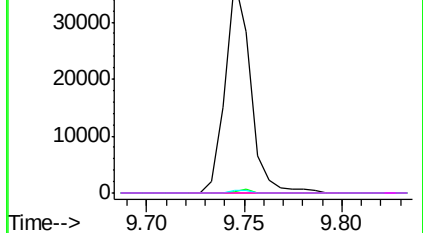


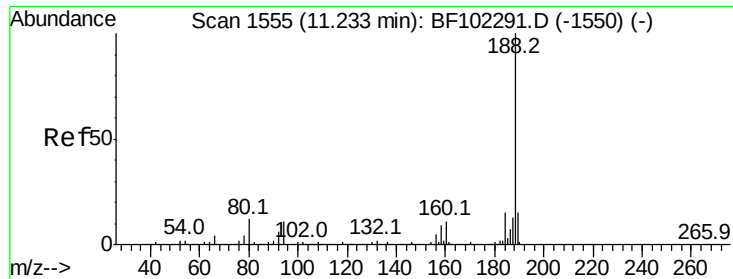
Abundance Ion 165.00 (164.70 to 165.70): E

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

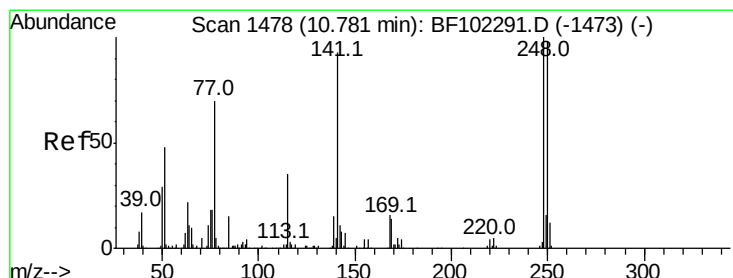
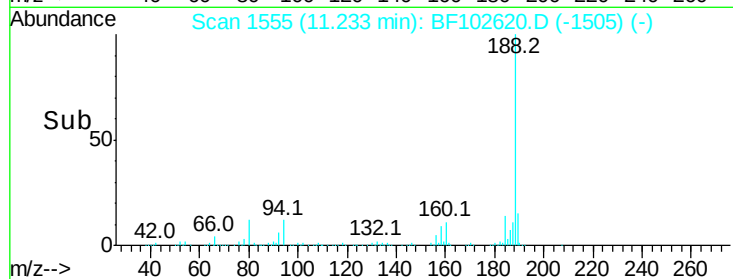
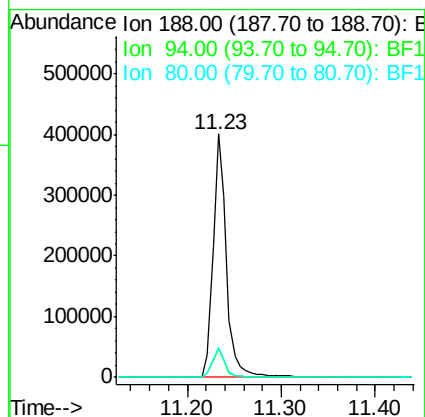
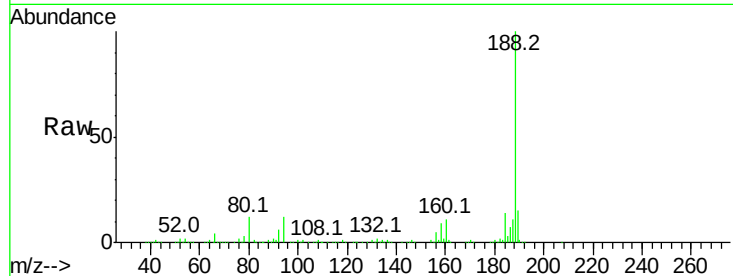




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102620.D
Acq: 30 Jan 2018 1:47

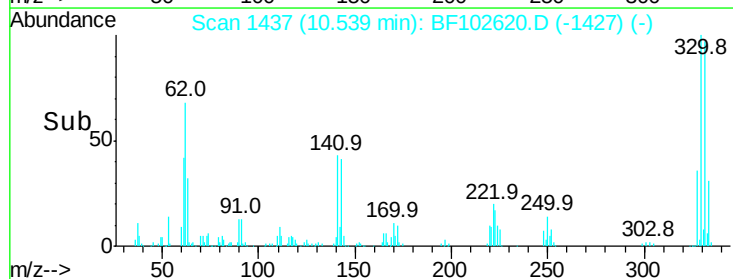
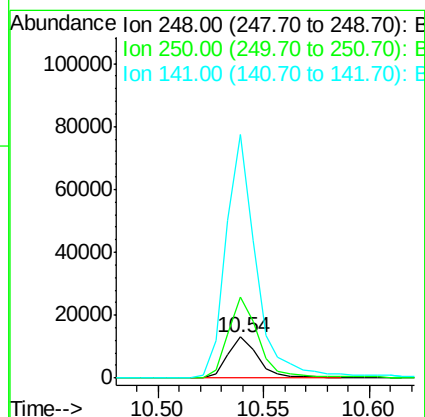
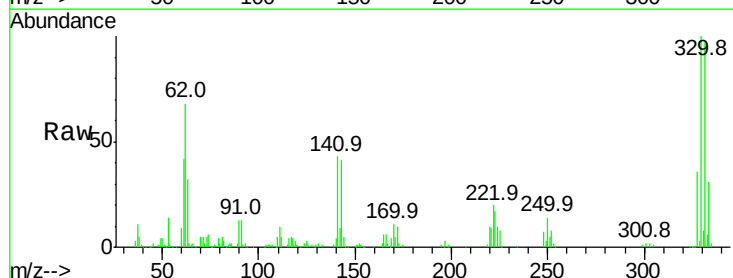
Instrument :
BNA_F
ClientSampleId :

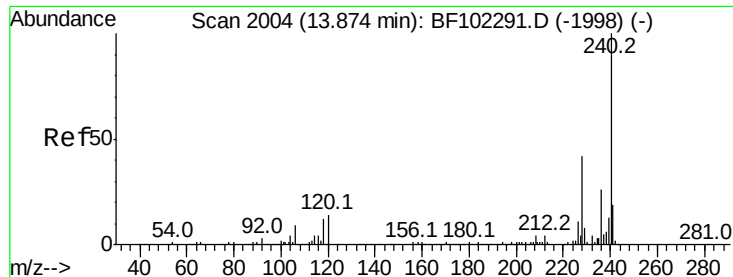
Tot Ion:188 Resp: 405653
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.943 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102620.D
Acq: 30 Jan 2018 1:47

Tgt Ion:248 Resp: 12852
Ion Ratio Lower Upper
248 100
250 198.0 76.9 115.3#
141 596.7 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: BF102620.D

Acq: 30 Jan 2018 1:47

Instrument :

BNA_F

ClientSampleId :

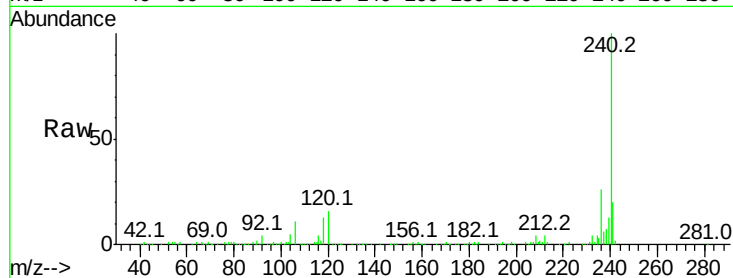
Tot Ion:240 Resp: 282115

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

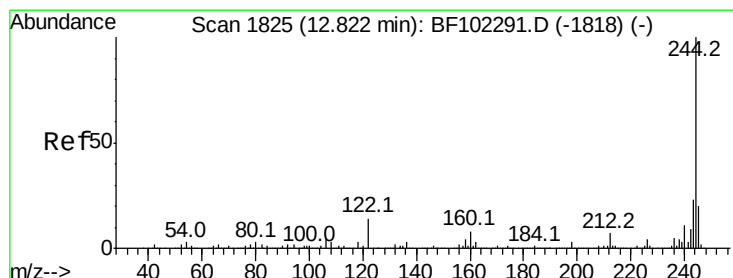
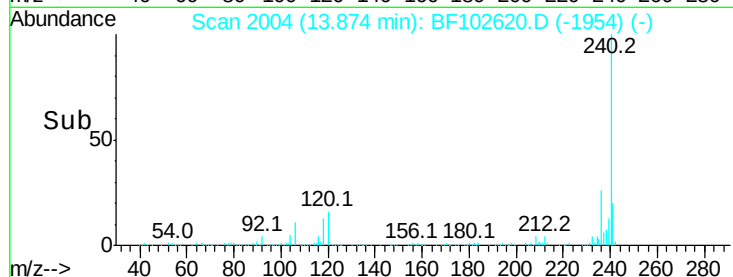
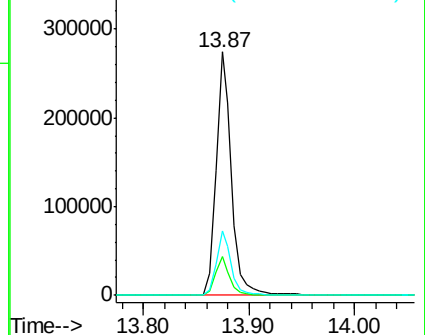
236 26.4 20.7 31.1



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: 60.894 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF102620.D

Acq: 30 Jan 2018 1:47

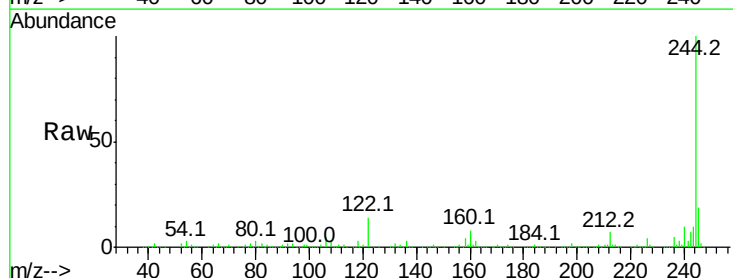
Tgt Ion:244 Resp: 762040

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

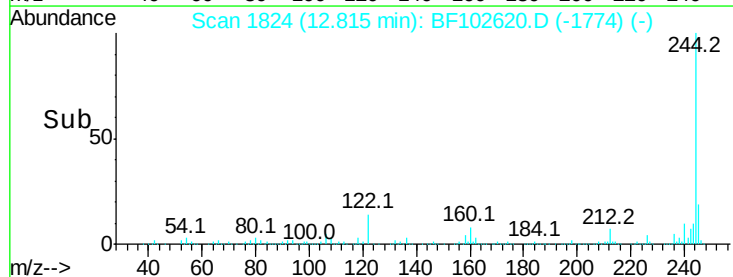
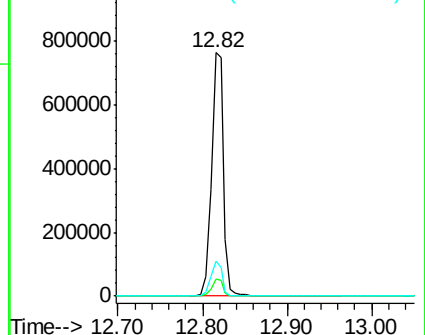
122 14.4 11.0 16.4

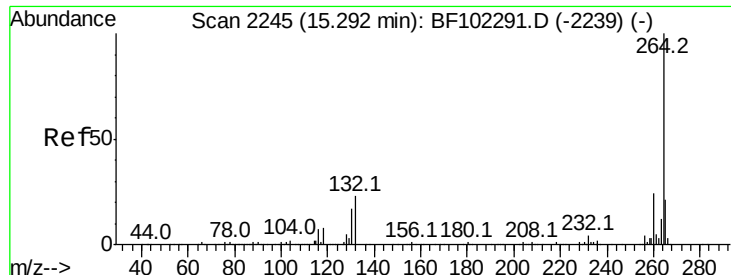


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

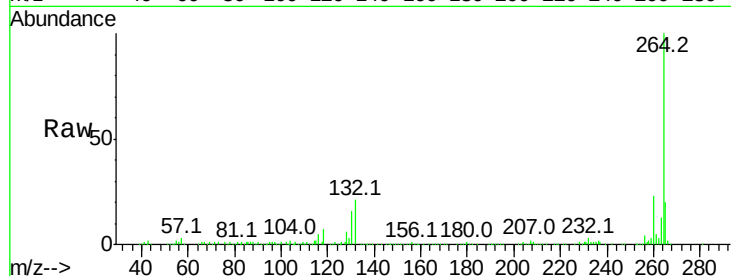




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102620.D
 Acq: 30 Jan 2018 1:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.4	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

