

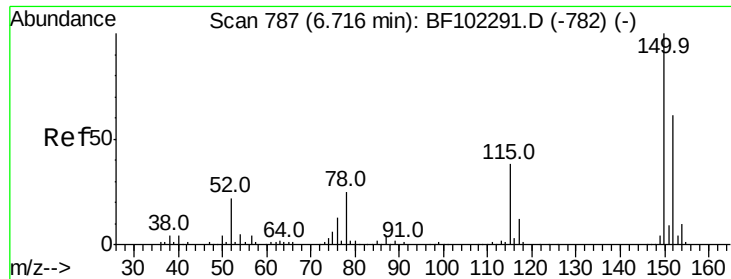
Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102671.D
 Acq On : 31 Jan 2018 22:46
 Operator : SJ/JU
 Sample : J1383-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 01 00:03:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	144092	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	520649	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	193880	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	334963	20.00	ng	0.00
75) Chrysene-d12	13.87	240	294456	20.00	ng	0.00
86) Perylene-d12	15.31	264	208095	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1134986	119.43	ng	0.03
7) Phenol-d6	6.38	99	1324096	115.57	ng	0.02
23) Nitrobenzene-d5	7.28	82	806399	89.01	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	205660	107.05	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	1072278	81.32	ng	0.00
78) Terphenyl-d14	12.82	244	953925	73.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	23678	2.972	ng	89
10) Phenol	6.39	94	69412	5.550	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	107292	15.303	ng	# 78
25) Isophorone	7.28	82	806395	49.926	ng	# 64
49) Dimethylphthalate	9.46	163	174171	10.868	ng	97
66) 4-Bromophenyl-phenylether	10.54	248	13602	3.772	ng	# 1
74) Fluoranthene	12.44	202	46264	2.324	ng	94
88) Benzo(k)fluoranthene	14.90	252	26645	2.091	ng	# 49

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

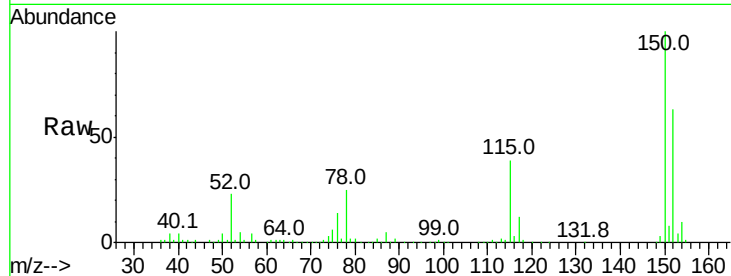


#1

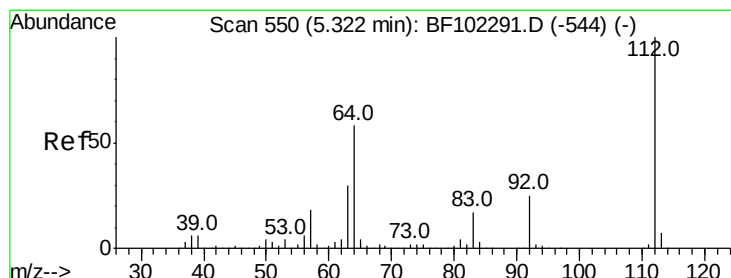
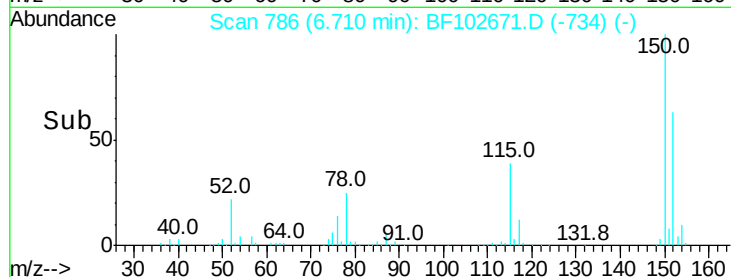
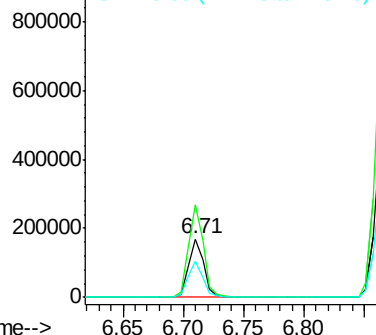
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF102671.D
Acq: 31 Jan 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144092
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 62.7 50.1 75.1



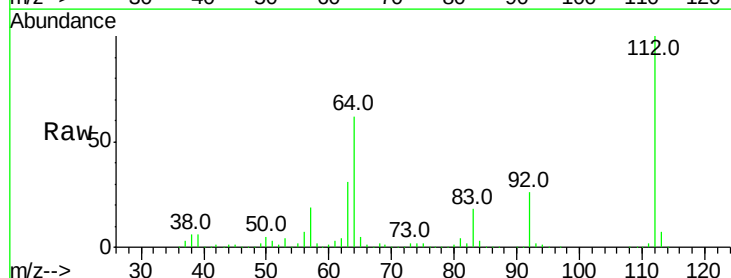
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



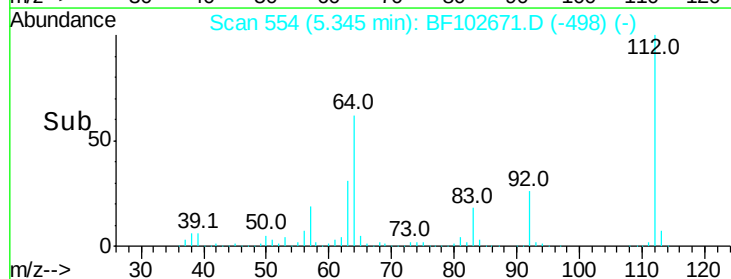
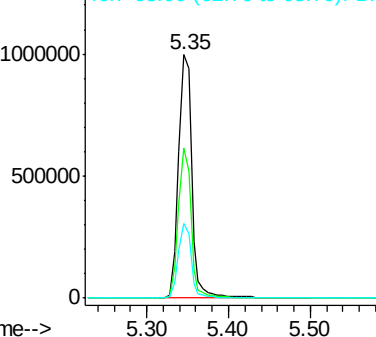
#5

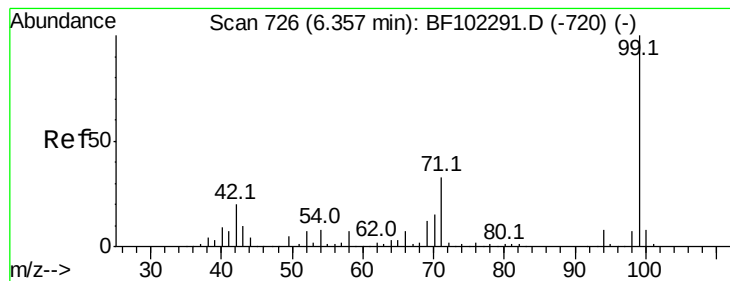
2-Fluorophenol
Concen: 119.433 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.03 min
Lab File: BF102671.D
Acq: 31 Jan 2018 22:46

Tgt Ion:112 Resp: 1134986
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 30.6 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: 115.572 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

Instrument :

BNA_F

ClientSampleId :

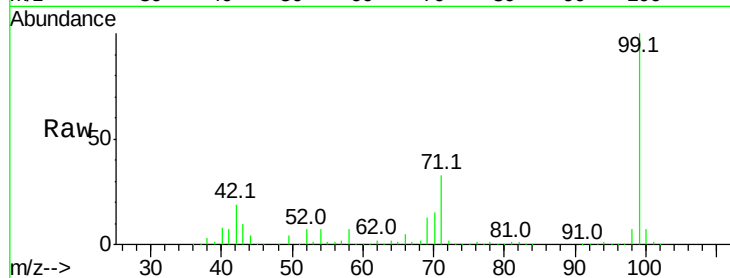
Tot Ion: 99 Resp: 1324096

Ion Ratio Lower Upper

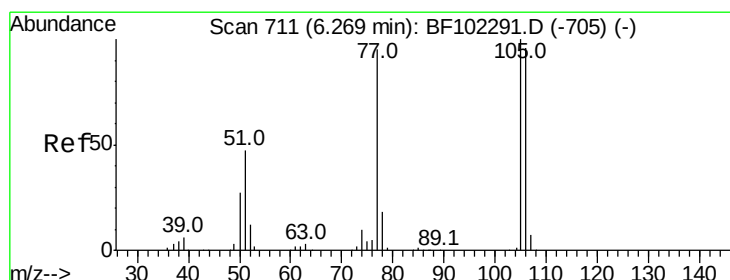
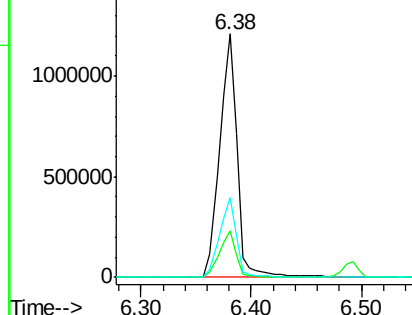
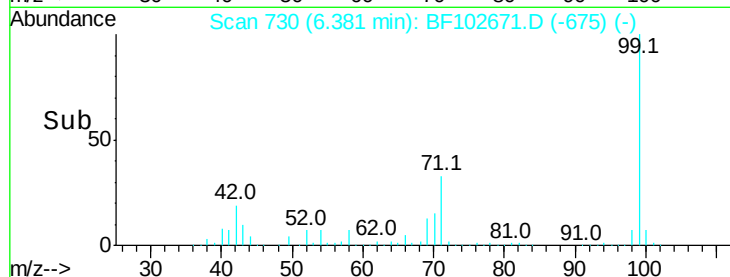
99 100

42 19.2 14.5 21.7

71 32.9 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: 2.972 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.24 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

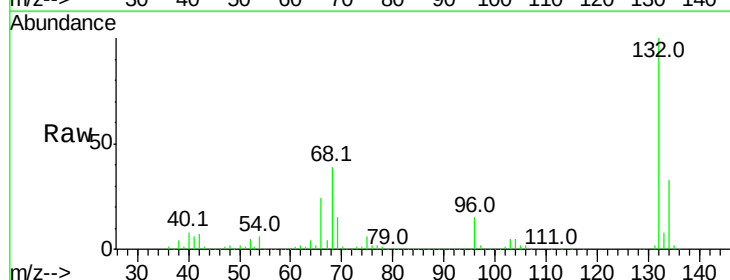
Tgt Ion: 77 Resp: 23678

Ion Ratio Lower Upper

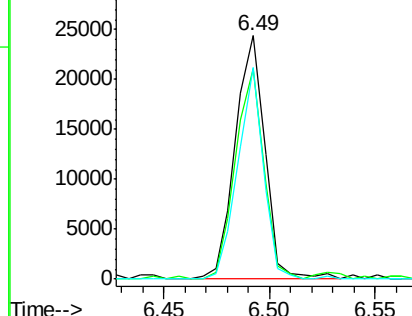
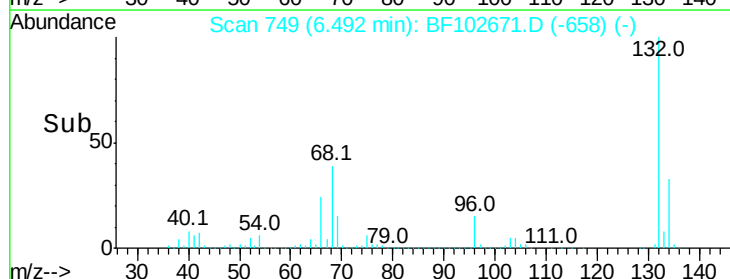
77 100

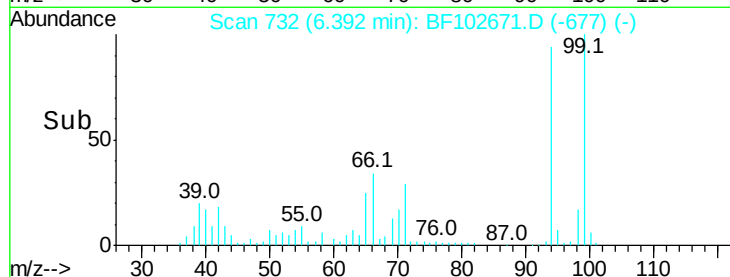
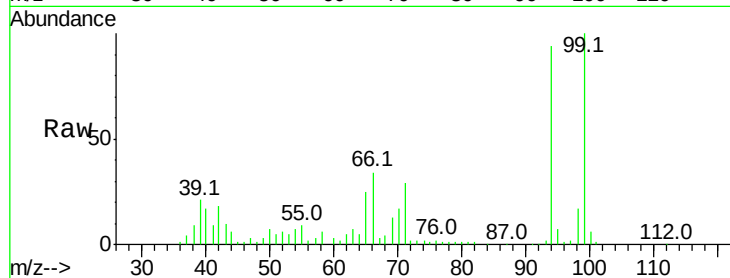
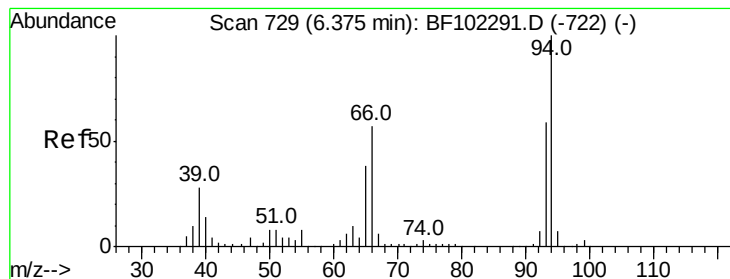
105 86.3 81.1 121.1

106 86.8 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





#10

Phenol

Concen: 5.550 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.02 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

Instrument :

BNA_F

ClientSampleId :

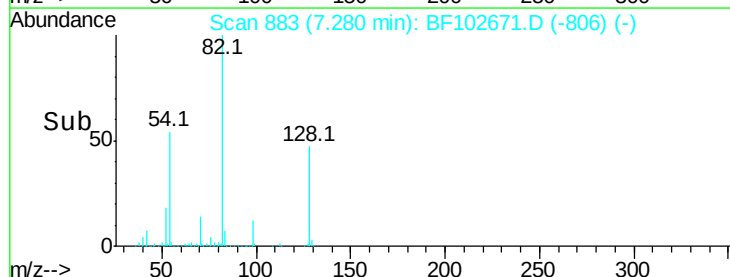
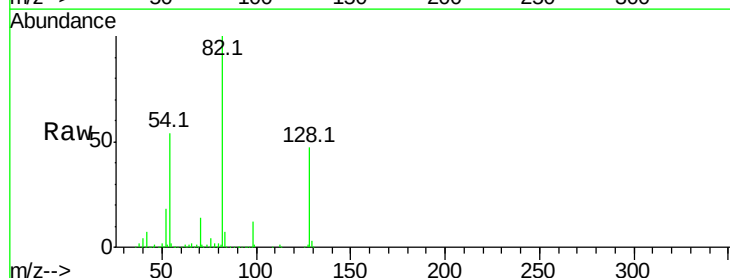
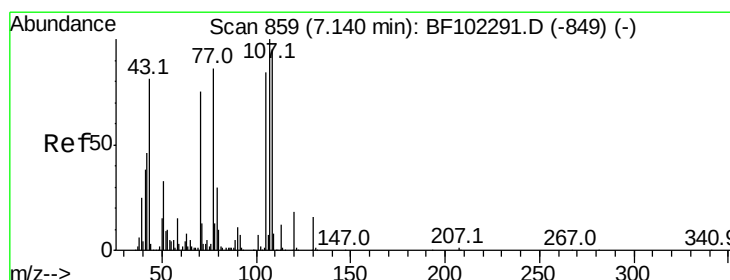
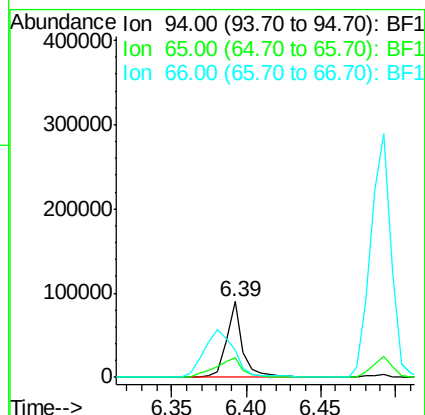
Tot Ion: 94 Resp: 69412

Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

66 36.4 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.303 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

Tgt Ion: 70 Resp: 107292

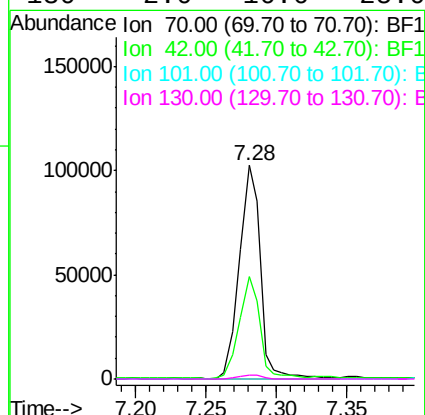
Ion Ratio Lower Upper

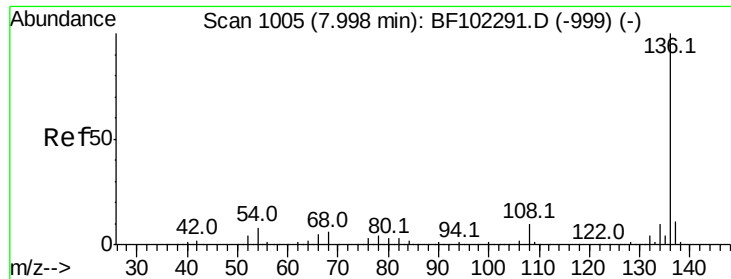
70 100

42 47.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

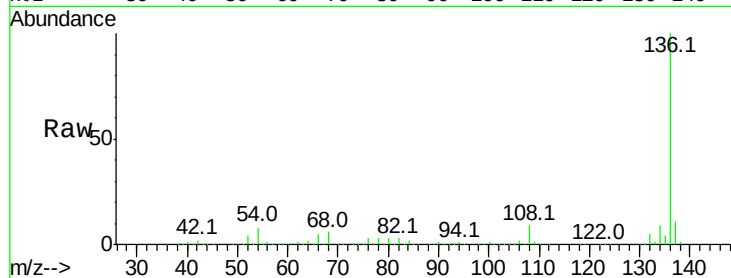




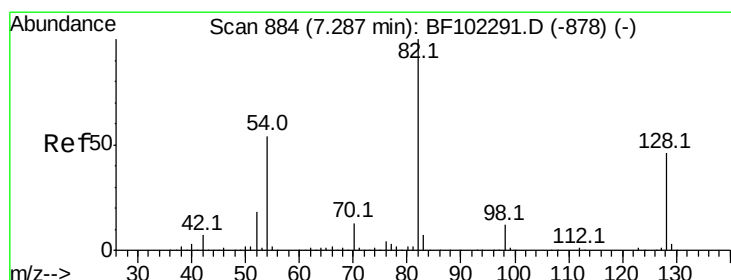
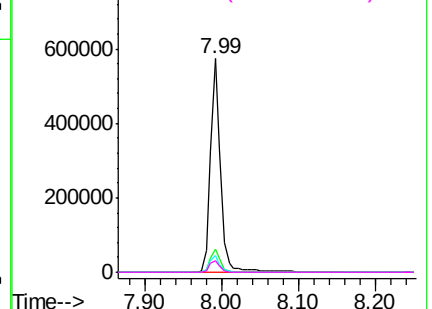
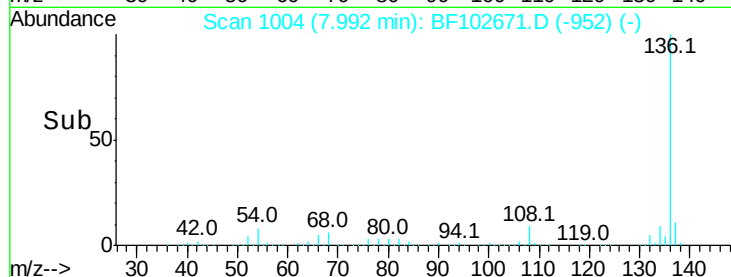
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF102671.D
Acq: 31 Jan 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	520649
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.0	6.6	9.8
68	5.7	5.0	7.4

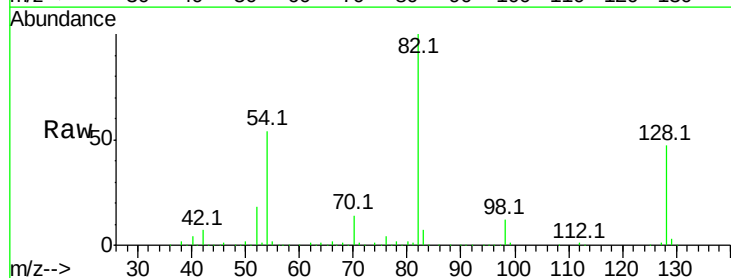


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

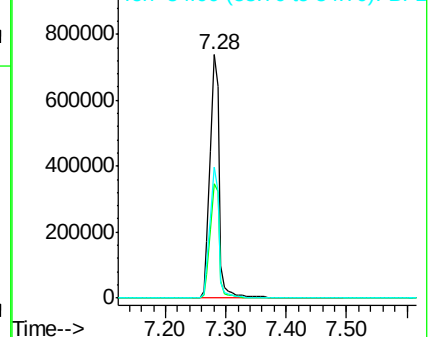
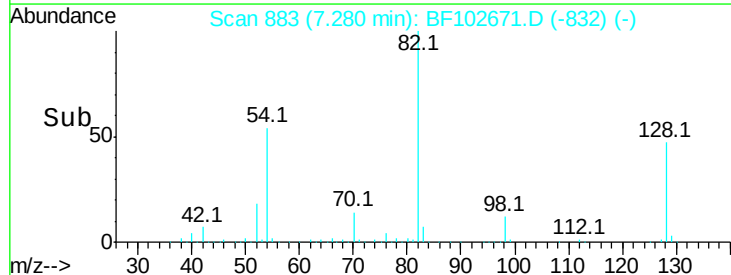


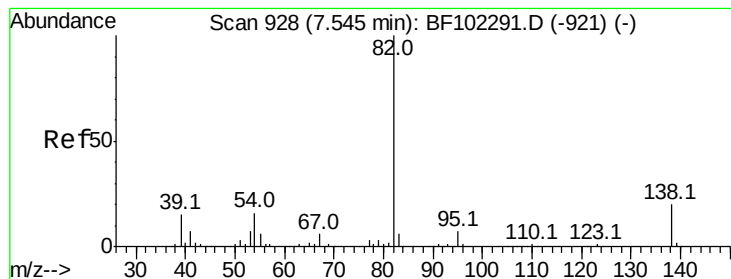
#23
Nitrobenzene-d5
Concen: 89.007 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF102671.D
Acq: 31 Jan 2018 22:46

Tgt Ion:	82	Resp:	806399
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	53.6	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: 49.926 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

Instrument :

BNA_F

ClientSampled :

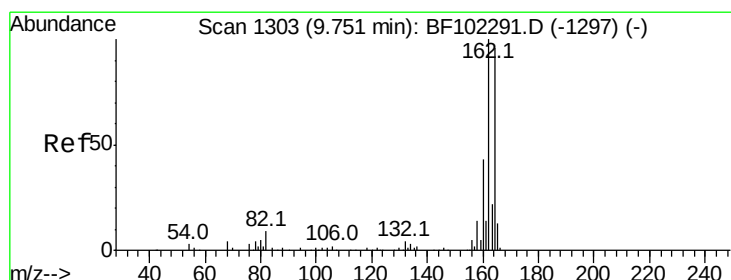
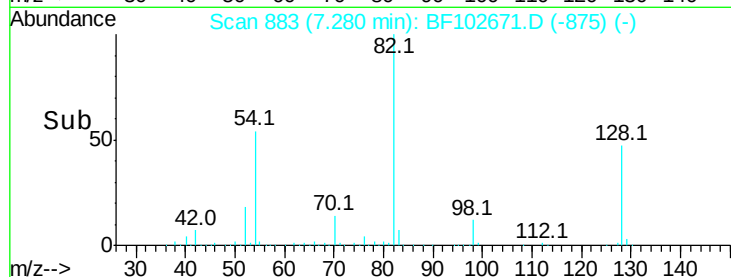
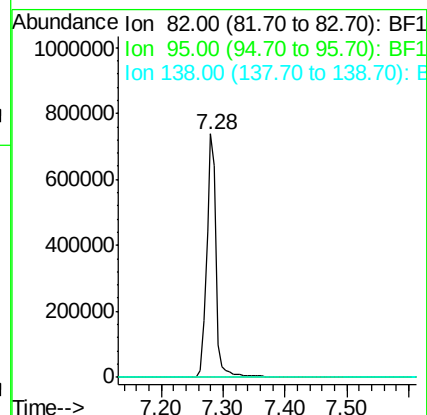
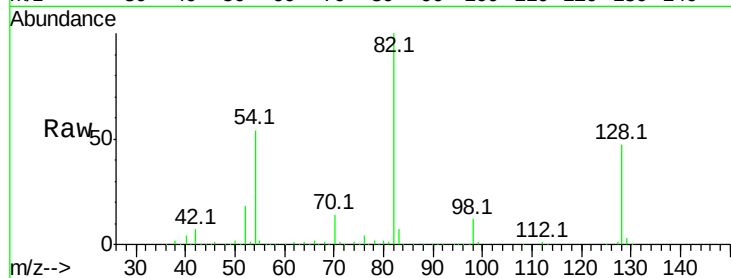
Tot Ion: 82 Resp: 806395

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

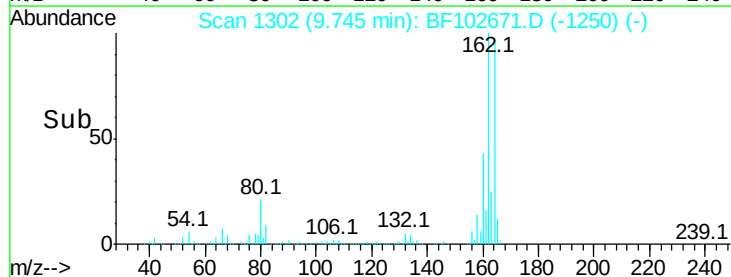
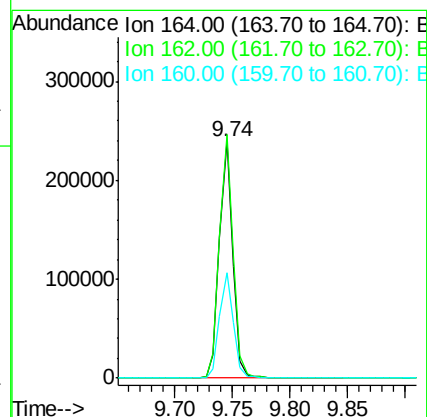
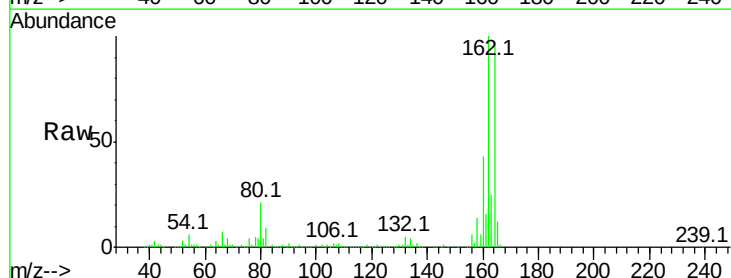
Tgt Ion:164 Resp: 193880

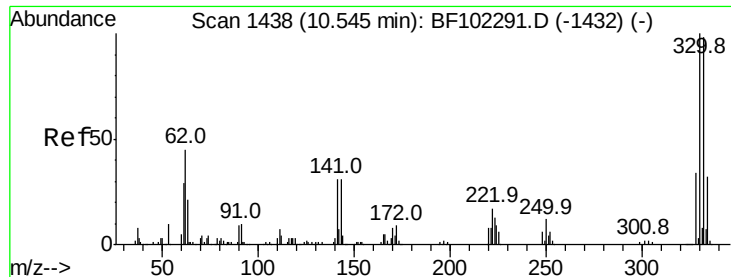
Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

160 44.7 38.3 57.5

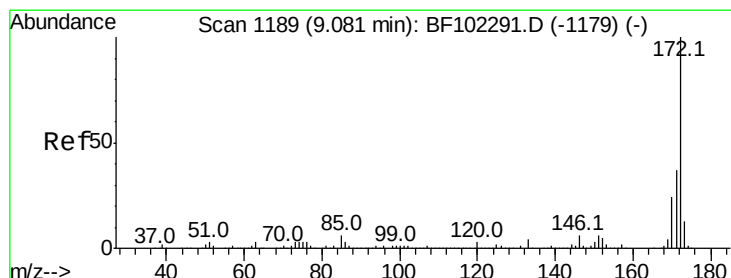
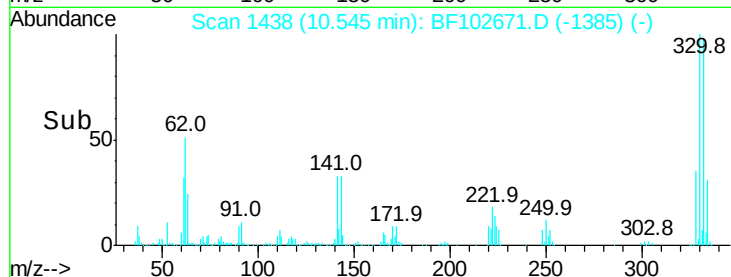
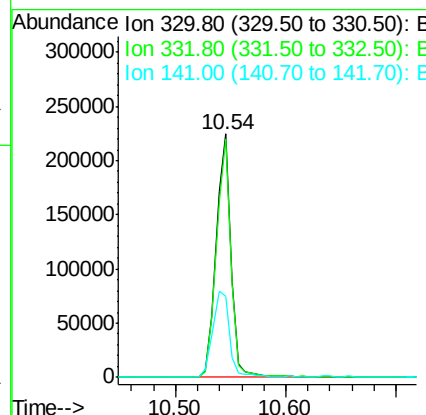
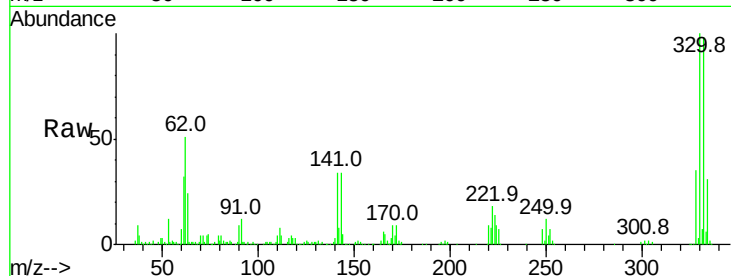




#41
 2,4,6-Tribromophenol
 Concen: 107.055 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF102671.D
 Acq: 31 Jan 2018 22:46

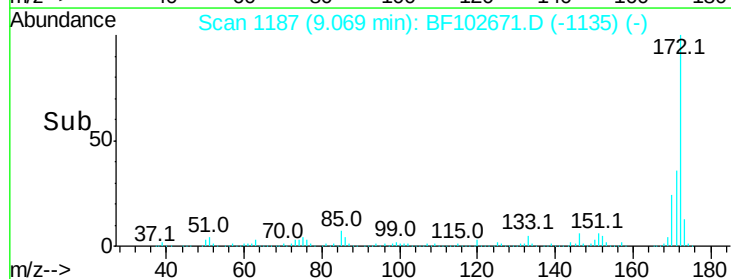
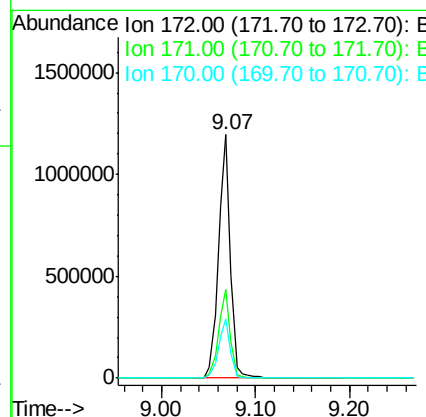
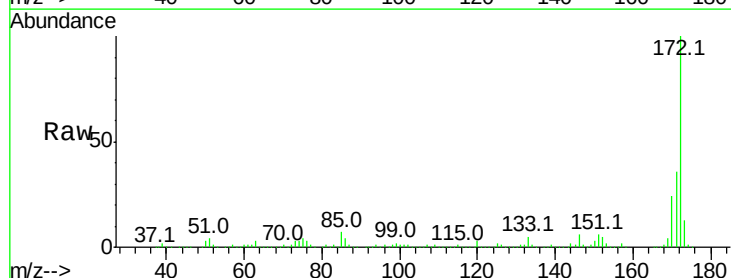
Instrument :
 BNA_F
 ClientSampleId :

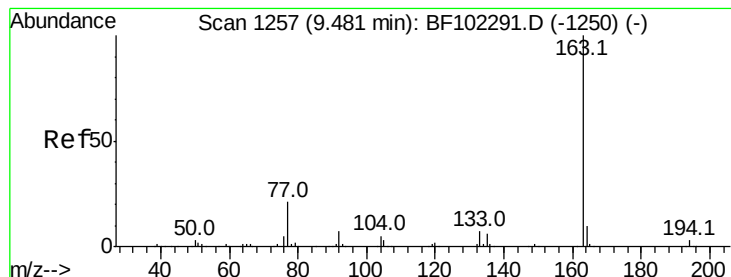
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	38.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 81.320 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF102671.D
 Acq: 31 Jan 2018 22:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4





#49

Dimethylphthalate

Concen: 10.868 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

Instrument :

BNA_F

ClientSampled :

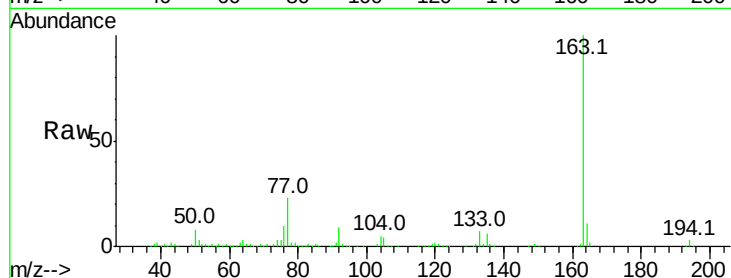
Tot Ion:163 Resp: 174171

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

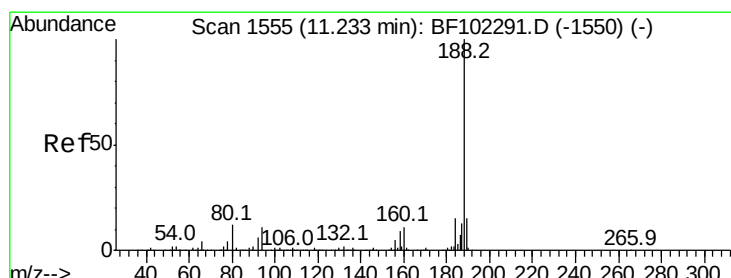
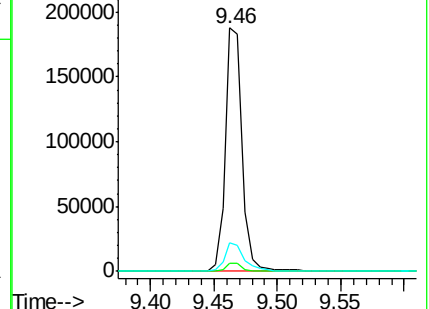
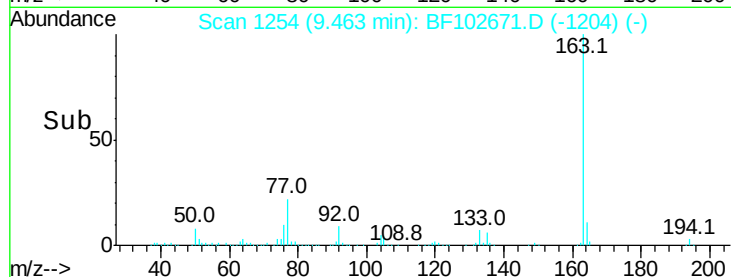
164 11.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

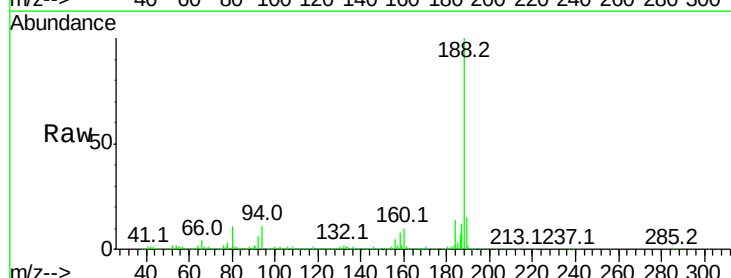
Tgt Ion:188 Resp: 334963

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

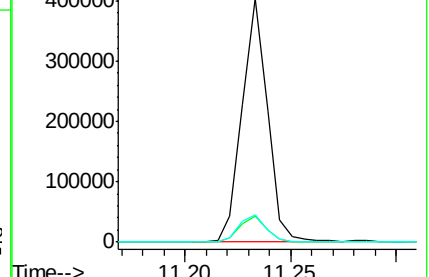
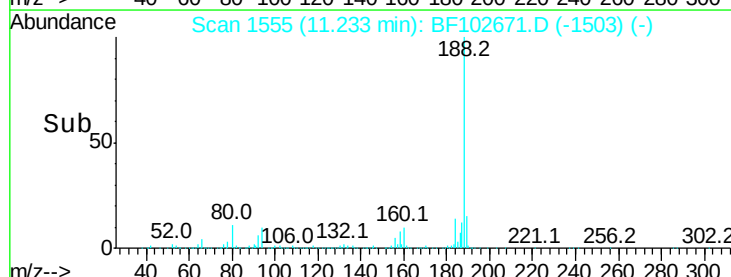
80 11.2 9.2 13.8

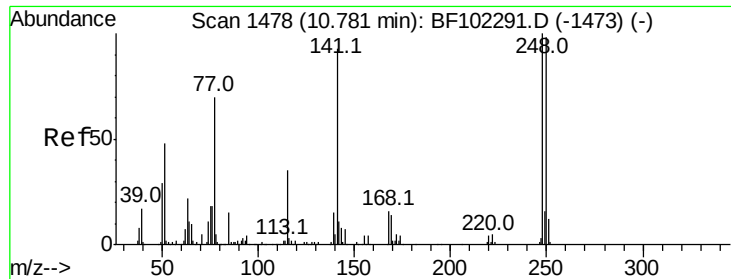


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

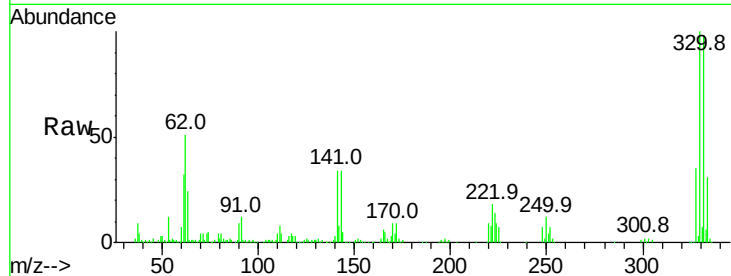




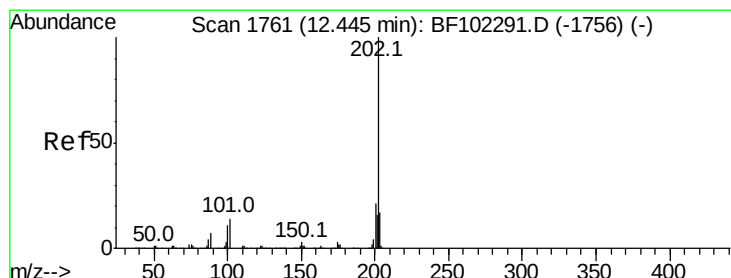
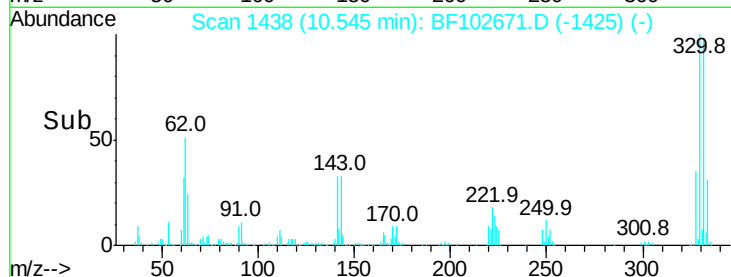
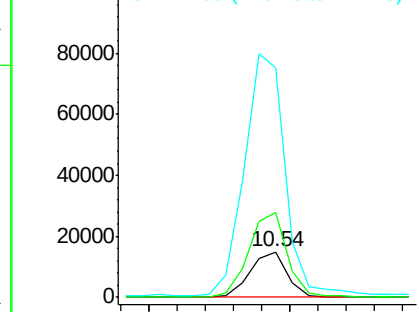
#66
4-Bromophenyl-phenylether
Concen: 3.772 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.22 min
Lab File: BF102671.D
Acq: 31 Jan 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13602
Ion Ratio Lower Upper
248 100
250 186.6 76.9 115.3#
141 502.5 74.4 111.6#

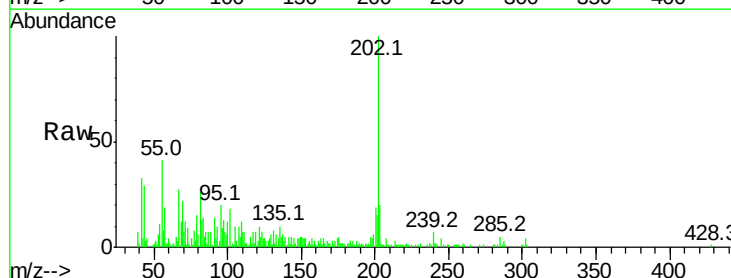


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

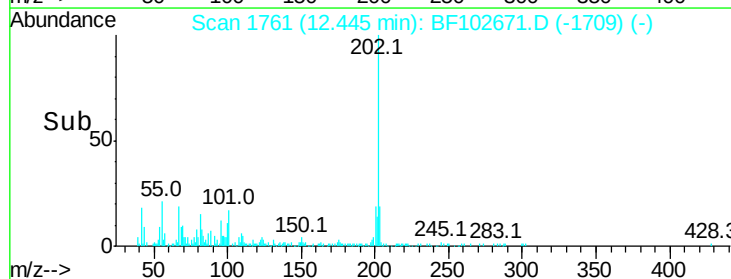
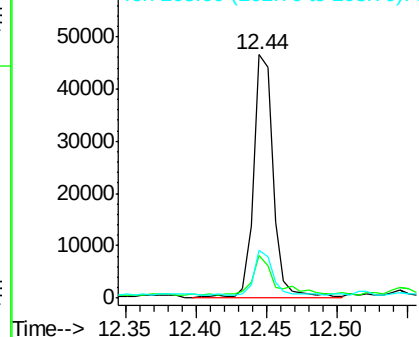


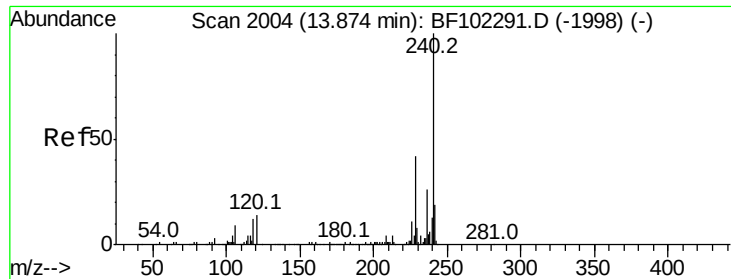
#74
Fluoranthene
Concen: 2.324 ng
RT: 12.44 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BF102671.D
Acq: 31 Jan 2018 22:46

Tgt Ion:202 Resp: 46264
Ion Ratio Lower Upper
202 100
101 17.5 0.0 34.1
203 19.9 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: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

Instrument :

BNA_F

ClientSampleId :

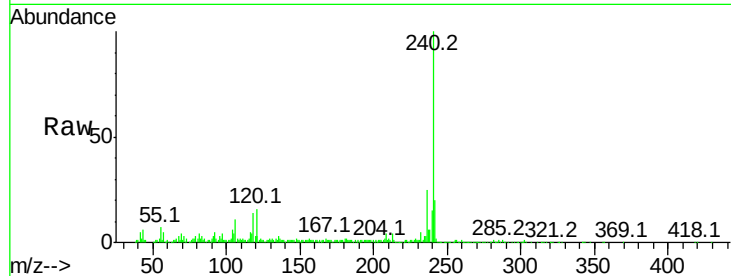
Tot Ion:240 Resp: 294456

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

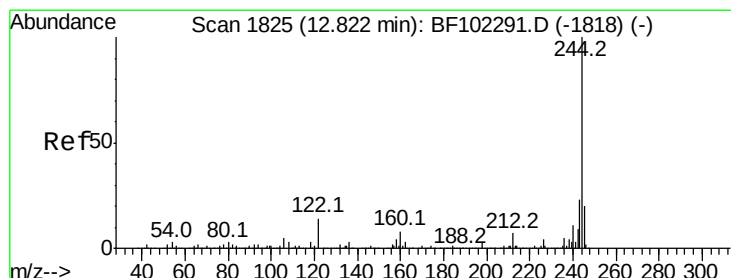
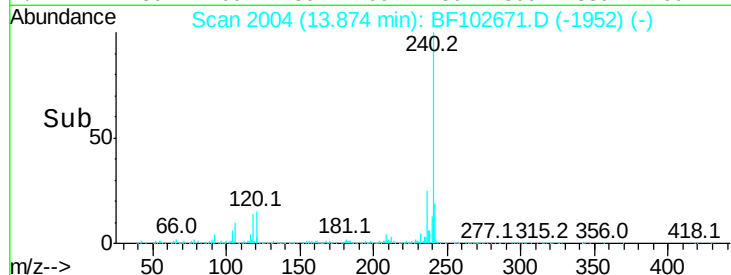
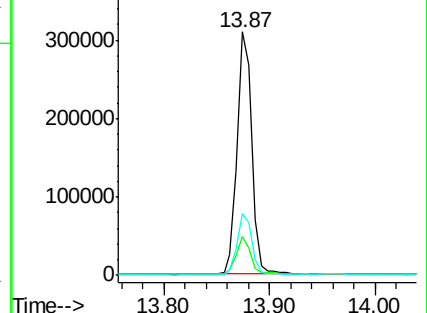
236 25.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 73.033 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

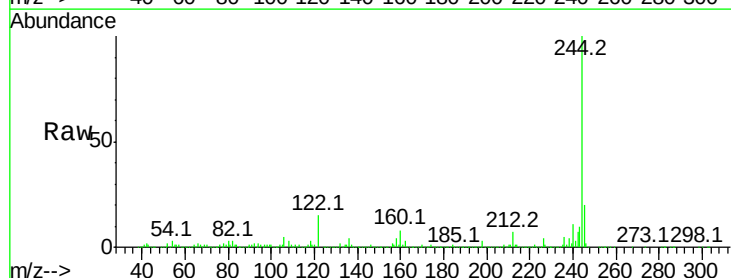
Tgt Ion:244 Resp: 953925

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

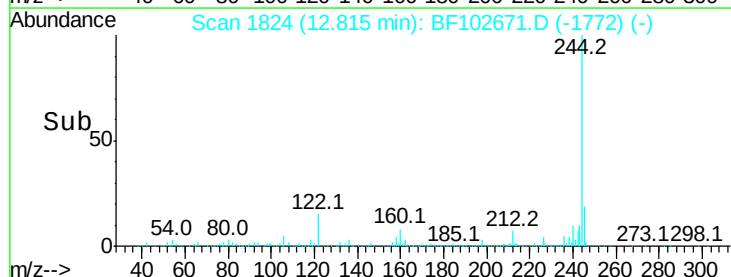
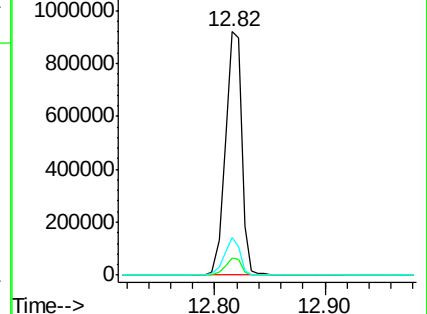
122 15.4 11.0 16.4

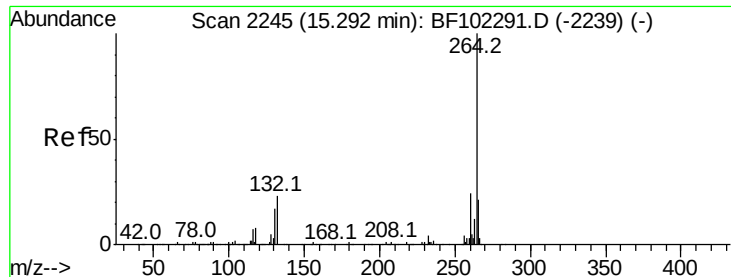


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

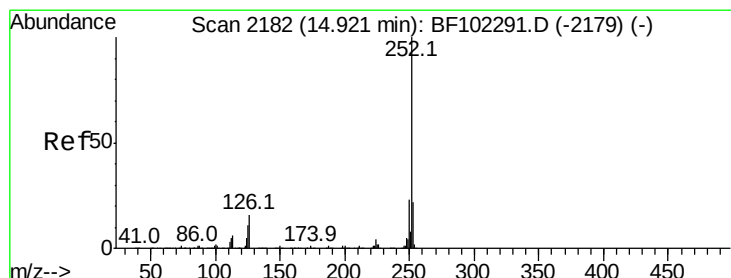
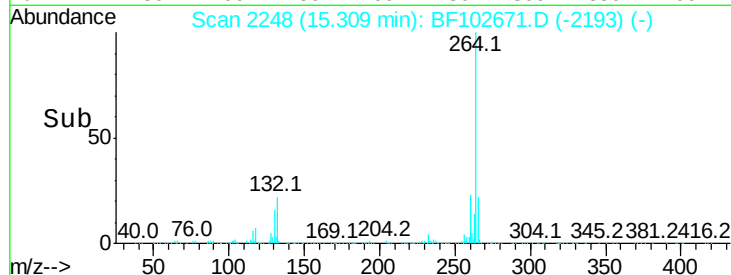
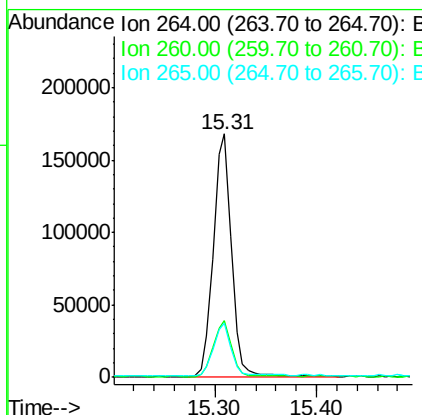
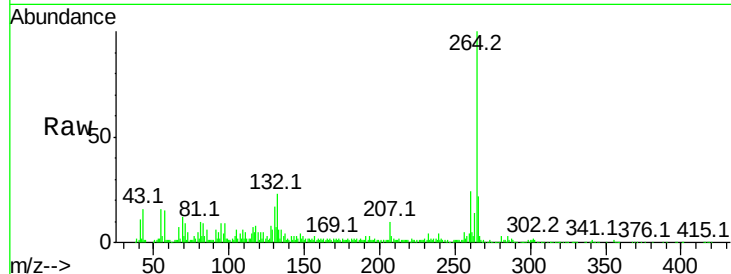




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.02 min
Lab File: BF102671.D
Acq: 31 Jan 2018 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	17.5	26.3



#88
Benzo(k)fluoranthene
Concen: 2.091 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF102671.D
Acq: 31 Jan 2018 22:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.3	17.9	26.9#
125	51.2	10.2	15.2#

