

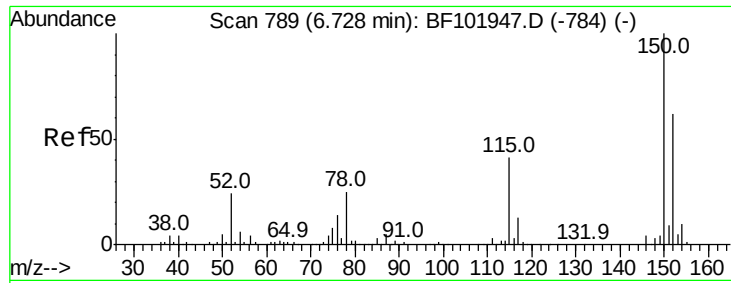
Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102269.D
 Acq On : 20 Jan 2018 16:47
 Operator : SJ/JU
 Sample : J1210-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:23:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150300	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	585816	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	233185	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	331685	20.00	ng	0.00
75) Chrysene-d12	13.87	240	284238	20.00	ng	0.00
86) Perylene-d12	15.29	264	248919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1033134	97.06	ng	0.00
7) Phenol-d6	6.36	99	1244945	98.03	ng	0.00
23) Nitrobenzene-d5	7.29	82	762394	76.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	198138	97.37	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1137427	76.20	ng	0.00
78) Terphenyl-d14	12.82	244	759360	55.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	22673	2.571	ng	82
10) Phenol	6.37	94	62581	4.361	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	101402	12.184	ng	# 81
25) Isophorone	7.29	82	757911	38.477	ng	# 64
49) Dimethylphthalate	9.47	163	123893	6.623	ng	100
53) 2,4-Dinitrophenol	10.05	184	426	8.924	ng	# 17
64) 4,6-Dinitro-2-methylphenol	10.55	198	284	5.801	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	12221	3.489	ng	# 1
74) Fluoranthene	12.45	202	38259	2.007	ng	99

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

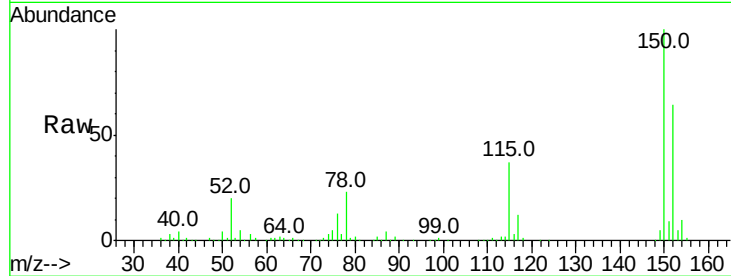


#1

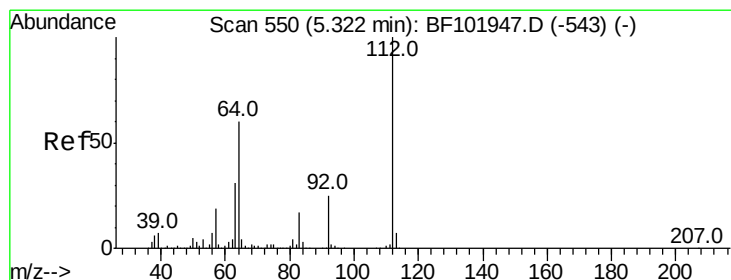
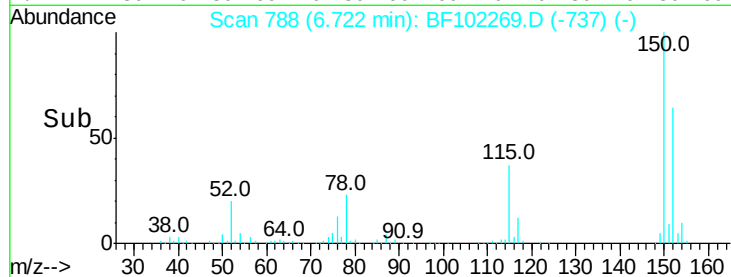
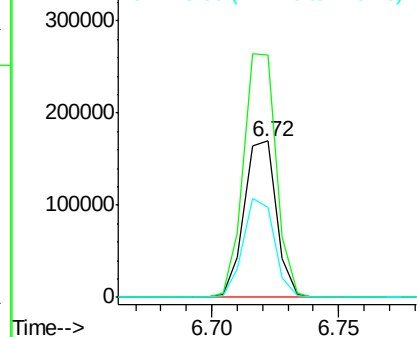
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150300
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 57.5 50.1 75.1



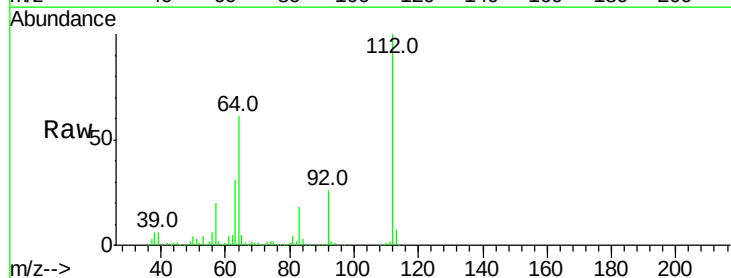
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



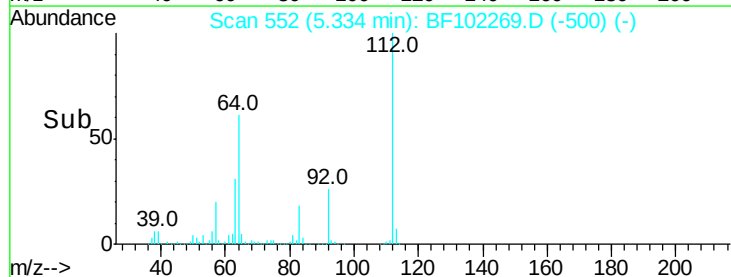
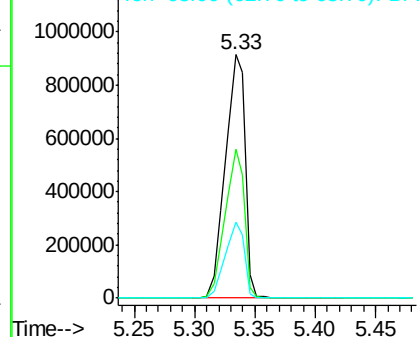
#5

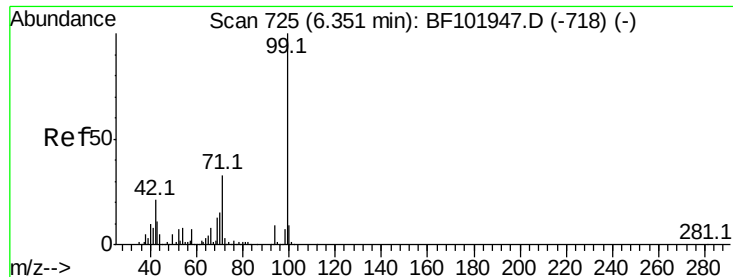
2-Fluorophenol
Concen: 97.064 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Tgt Ion:112 Resp: 1033134
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.2 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: 98.033 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102269.D

Acq: 20 Jan 2018 16:47

Instrument :

BNA_F

ClientSampled :

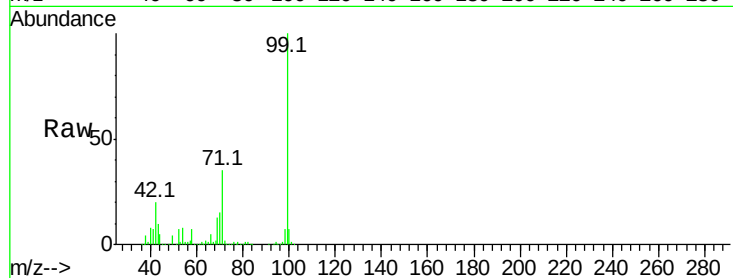
Tot Ion: 99 Resp: 1244945

Ion Ratio Lower Upper

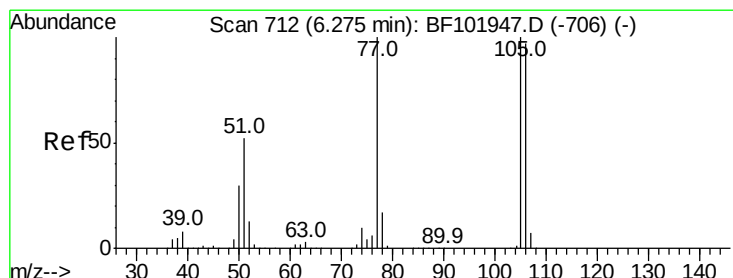
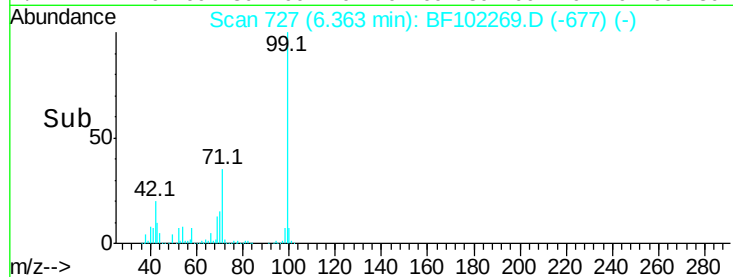
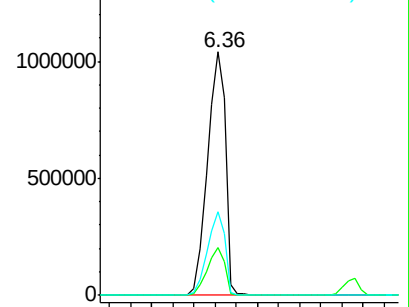
99 100

42 19.7 14.5 21.7

71 34.6 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: 2.571 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102269.D

Acq: 20 Jan 2018 16:47

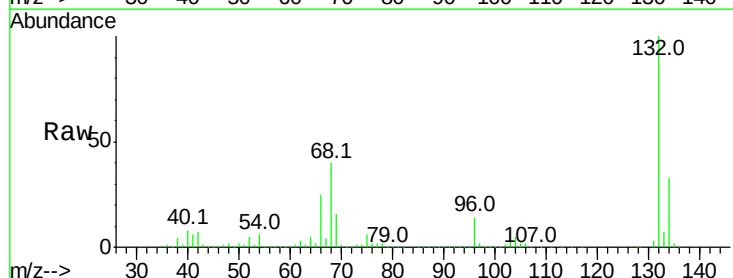
Tgt Ion: 77 Resp: 22673

Ion Ratio Lower Upper

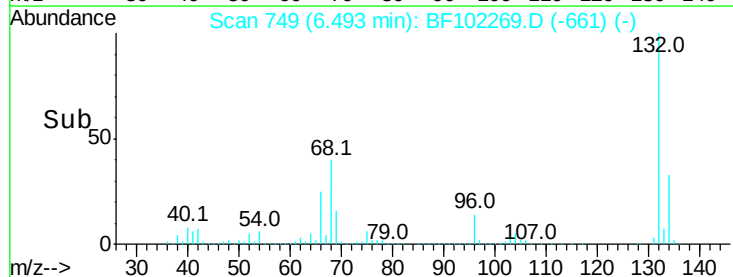
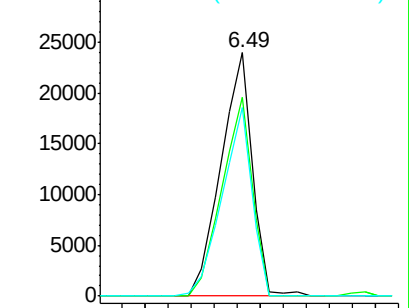
77 100

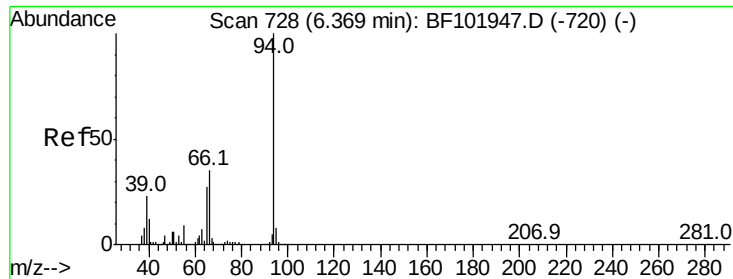
105 81.9 81.1 121.1

106 77.5 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: 4.361 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102269.D

Acq: 20 Jan 2018 16:47

Instrument :

BNA_F

ClientSampled :

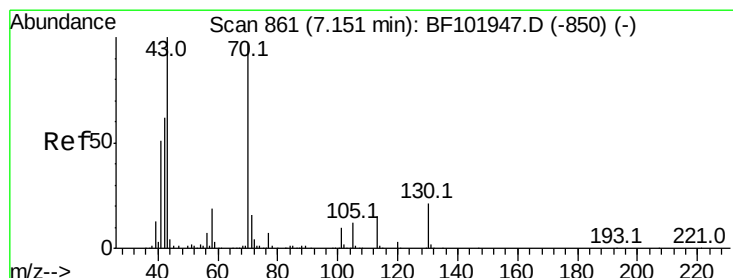
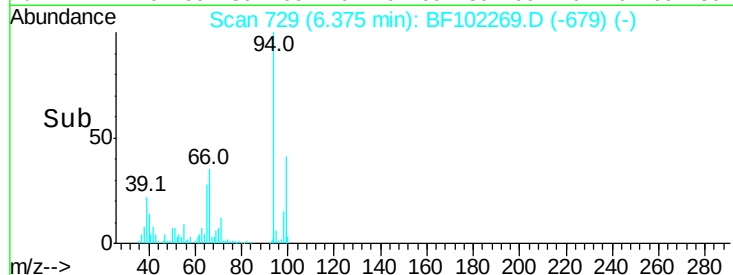
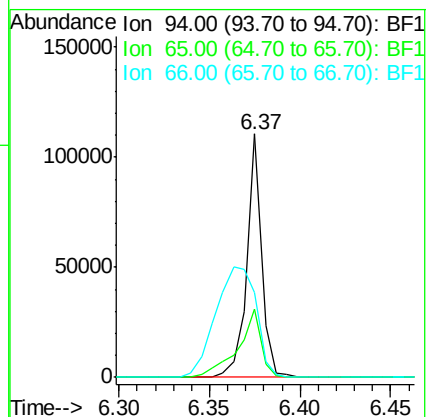
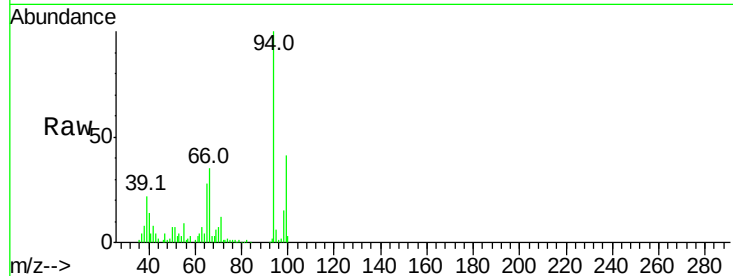
Tot Ion: 94 Resp: 62581

Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

66 35.1 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.184 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102269.D

Acq: 20 Jan 2018 16:47

Tgt Ion: 70 Resp: 101402

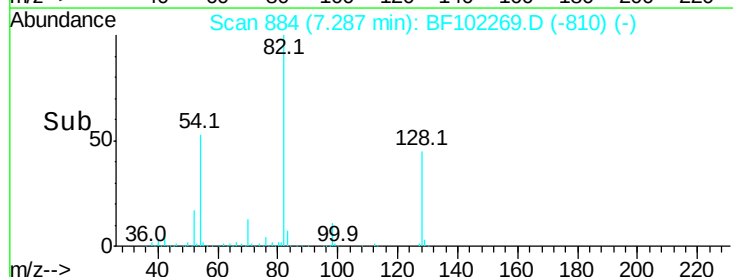
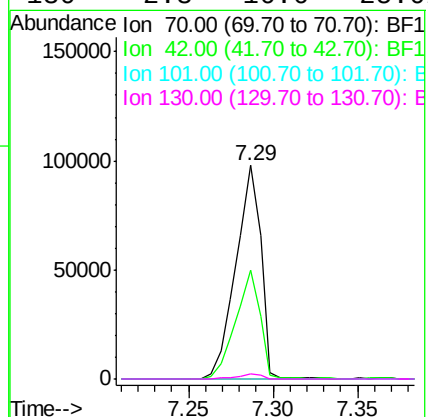
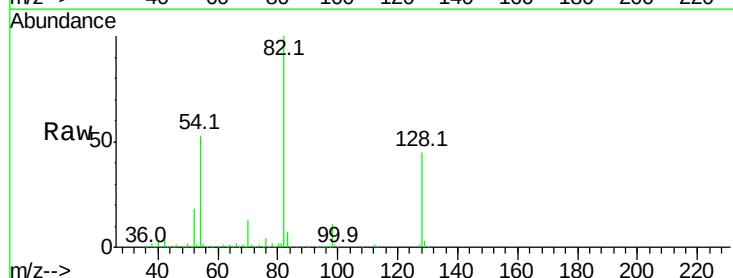
Ion Ratio Lower Upper

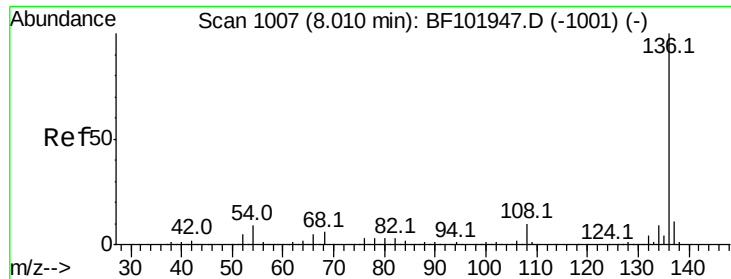
70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

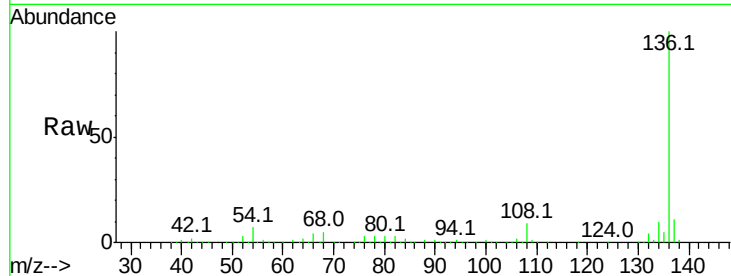




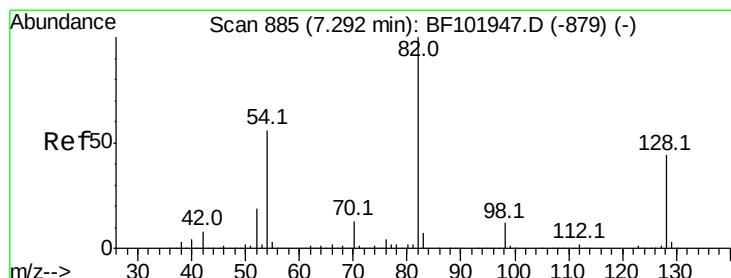
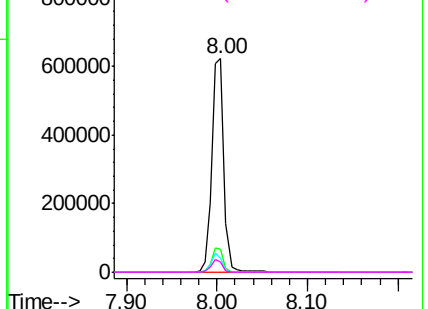
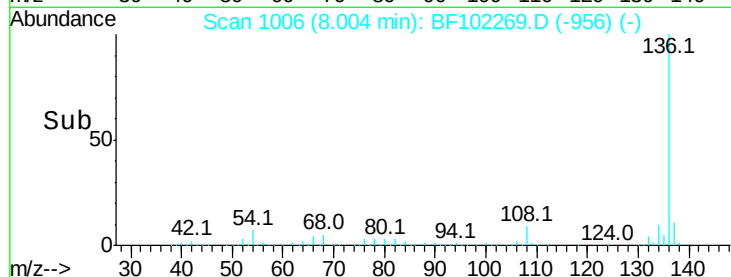
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	585816
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.9	6.6	9.8
68	5.1	5.0	7.4

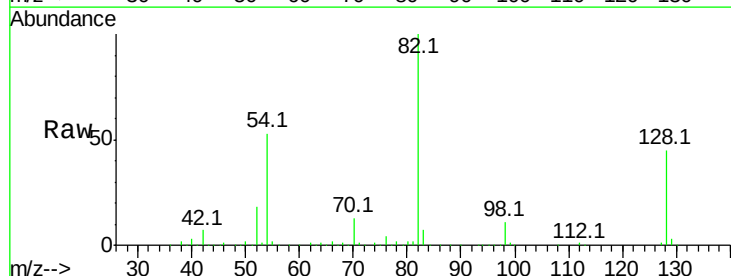


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

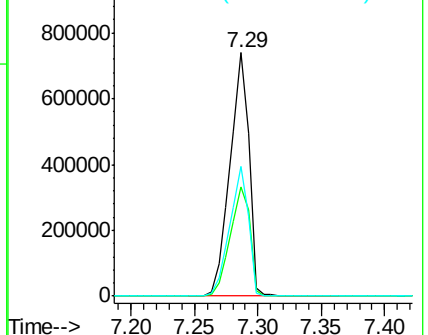
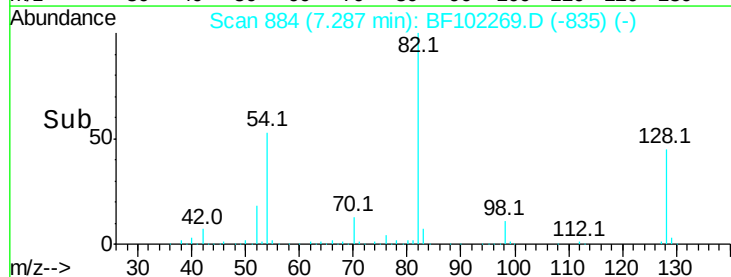


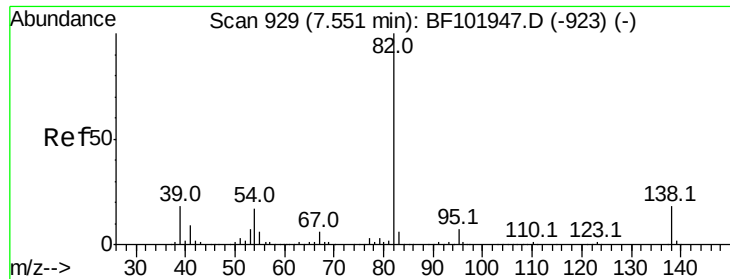
#23
Nitrobenzene-d5
Concen: 76.477 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Tgt Ion:	82	Resp:	762394
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	53.4	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: 38.477 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102269.D

Acq: 20 Jan 2018 16:47

Instrument :

BNA_F

ClientSampled :

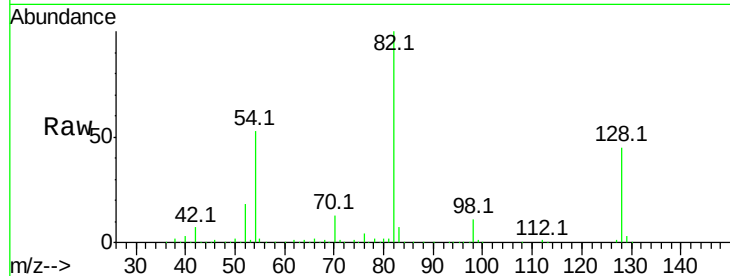
Tot Ion: 82 Resp: 757911

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

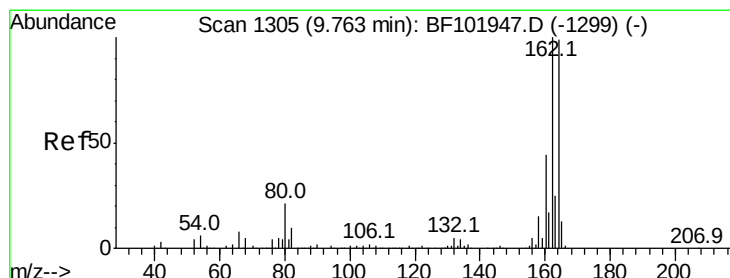
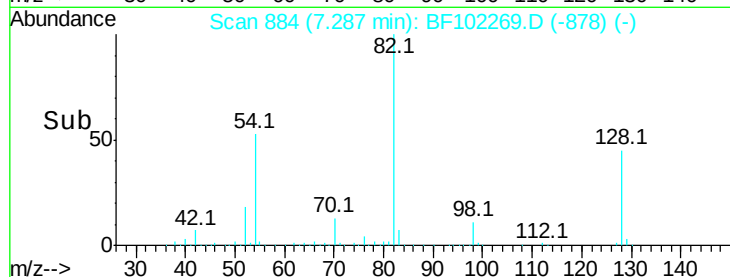
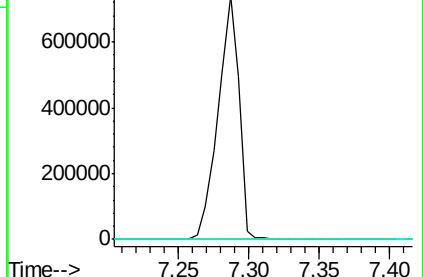
138 0.0 14.9 22.3#



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# 1303

Delta R.T. -0.01 min

Lab File: BF102269.D

Acq: 20 Jan 2018 16:47

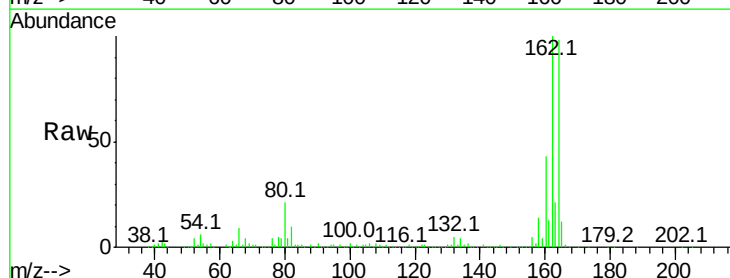
Tgt Ion:164 Resp: 233185

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

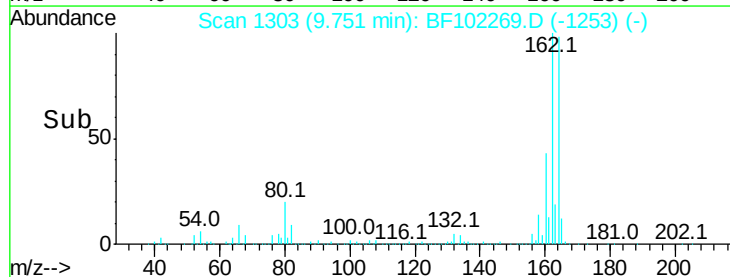
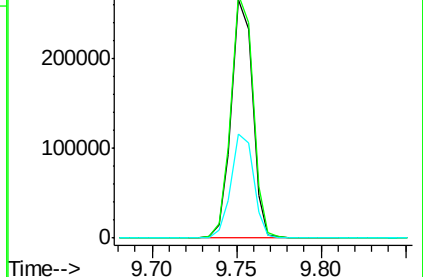
160 43.9 38.3 57.5

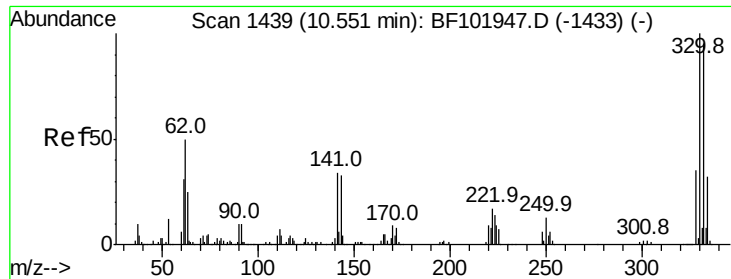


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

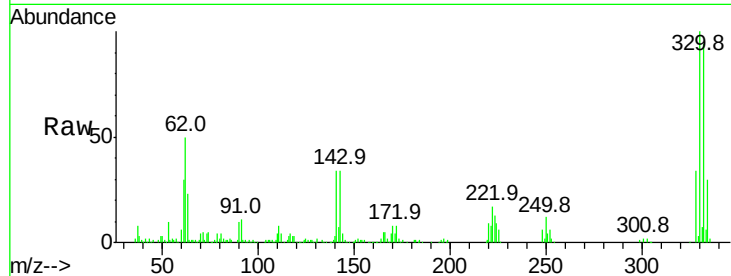




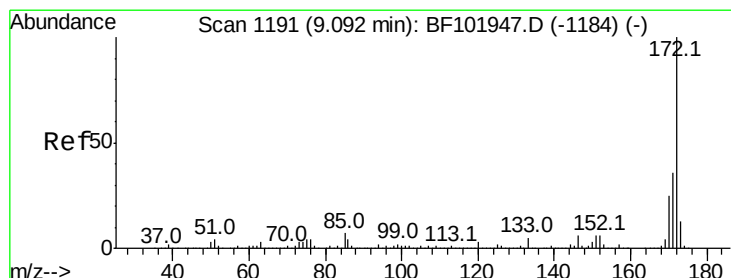
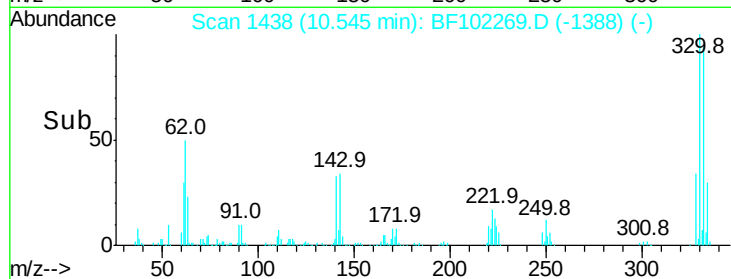
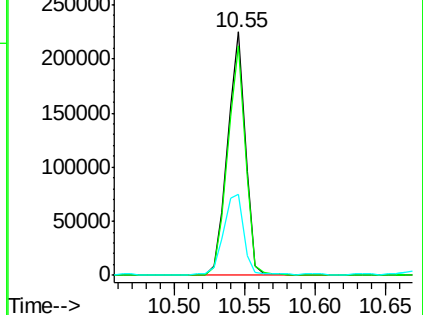
#41
 2,4,6-Tribromophenol
 Concen: 97.366 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102269.D
 Acq: 20 Jan 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	36.9	29.9	44.9

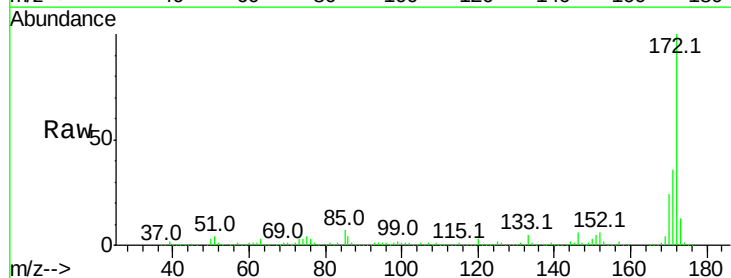


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

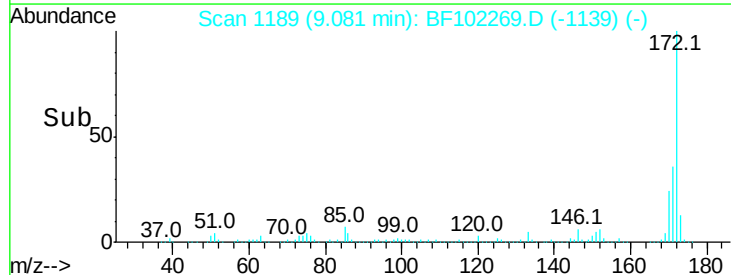
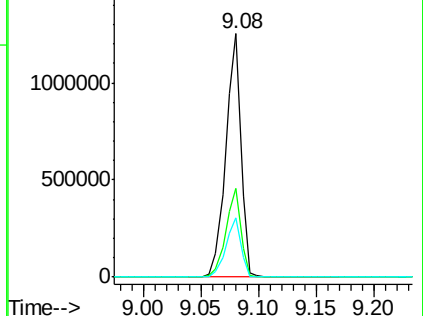


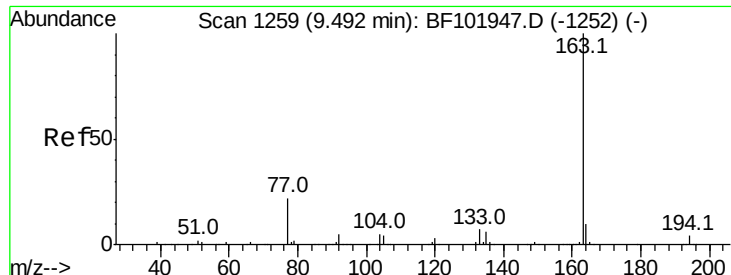
#44
 2-Fluorobiphenyl
 Concen: 76.204 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102269.D
 Acq: 20 Jan 2018 16:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	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

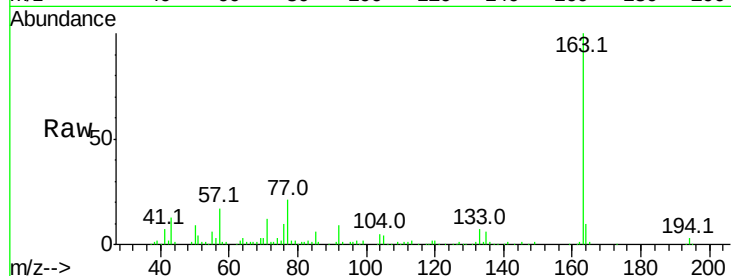




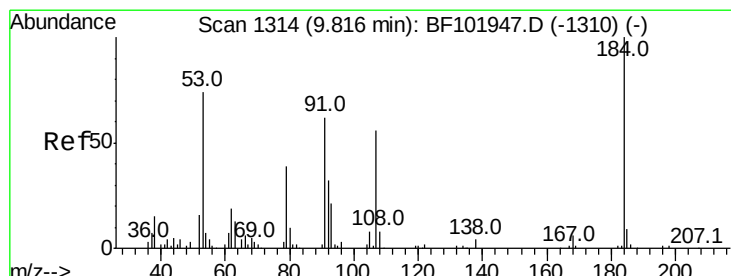
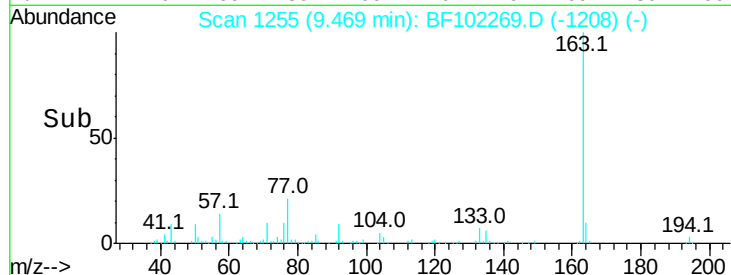
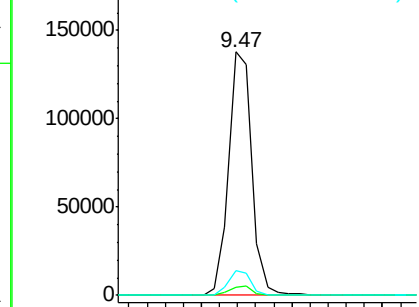
#49
Dimethylphthalate
Concen: 6.623 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2

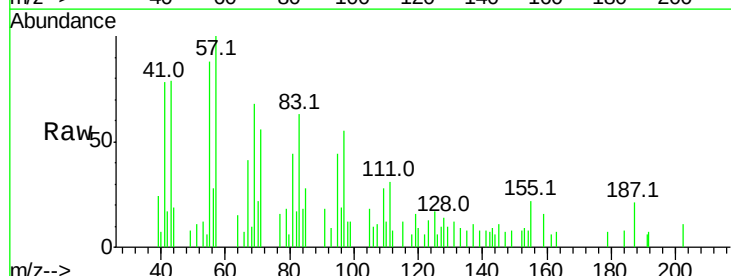


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

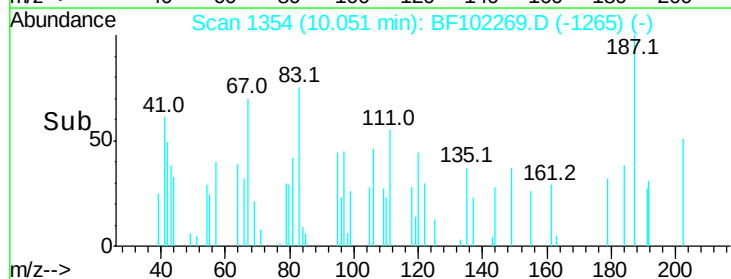
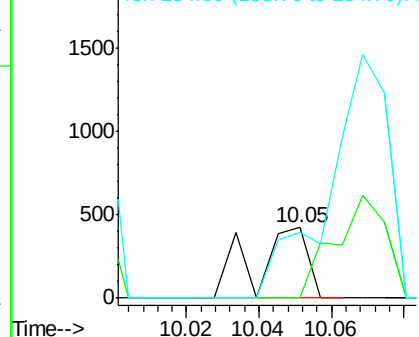


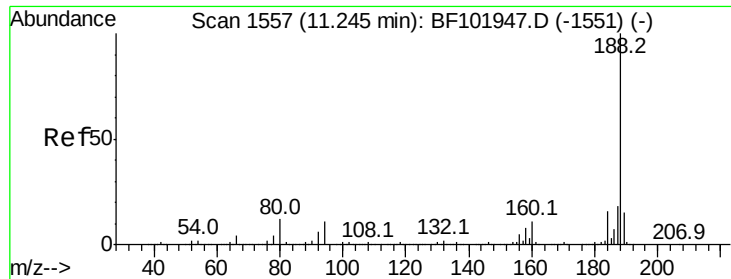
#53
2,4-Dinitrophenol
Concen: 8.924 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.22 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	93.9	184.0	276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

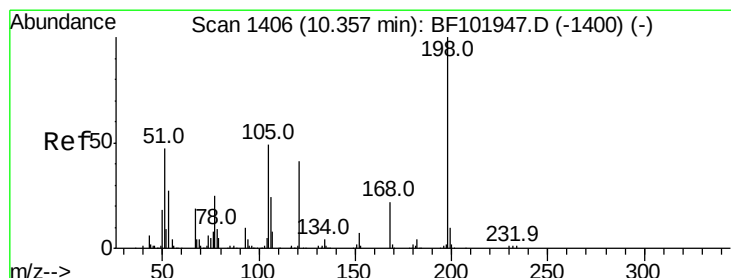
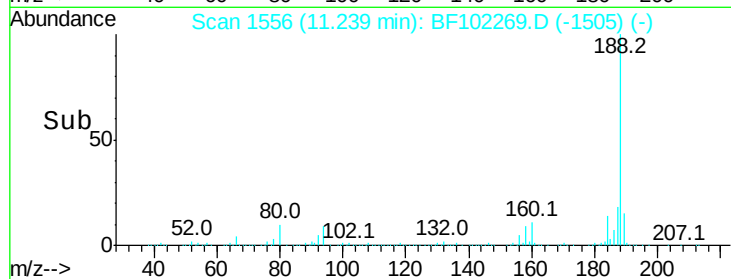
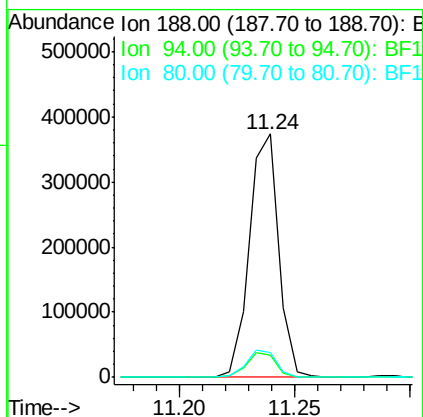
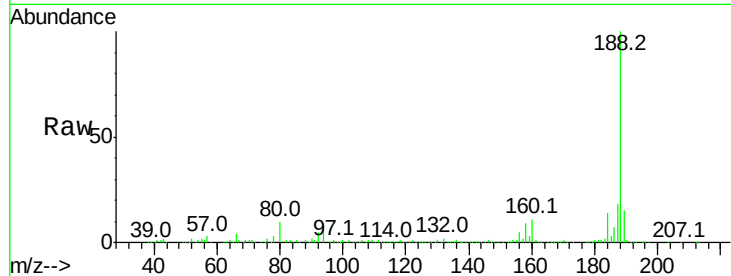




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

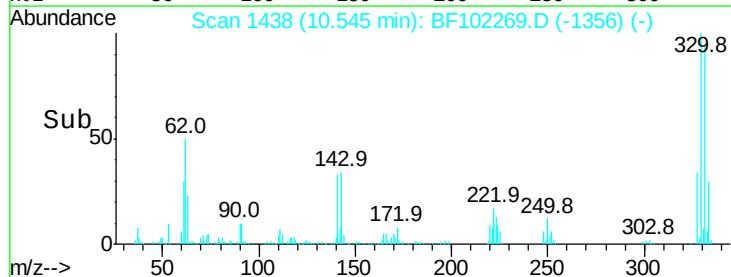
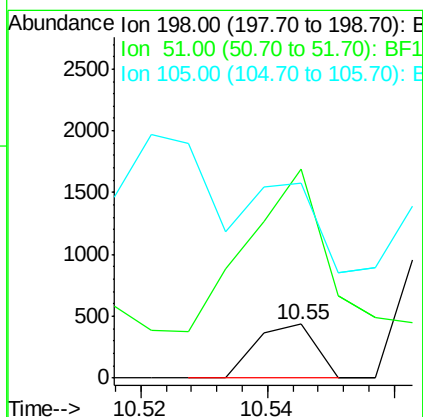
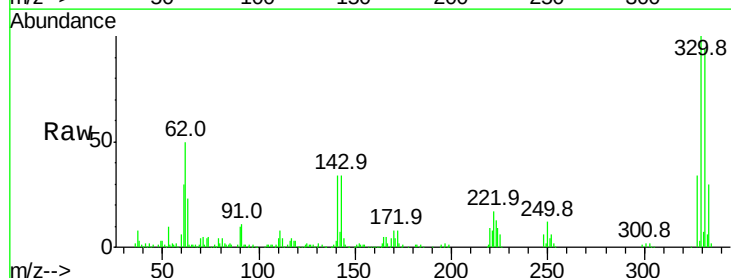
Instrument :
BNA_F
ClientSampled :

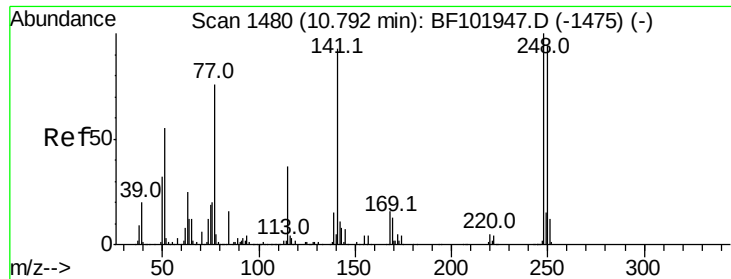
Tot Ion:188 Resp: 331685
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.801 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF102269.D
Acq: 20 Jan 2018 16:47

Tgt Ion:198 Resp: 284
Ion Ratio Lower Upper
198 100
51 387.2 37.7 77.7#
105 362.6 36.3 76.3#

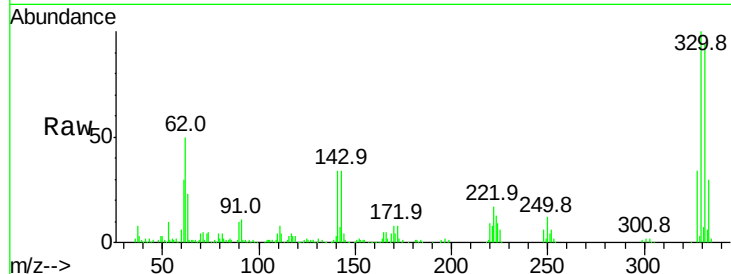




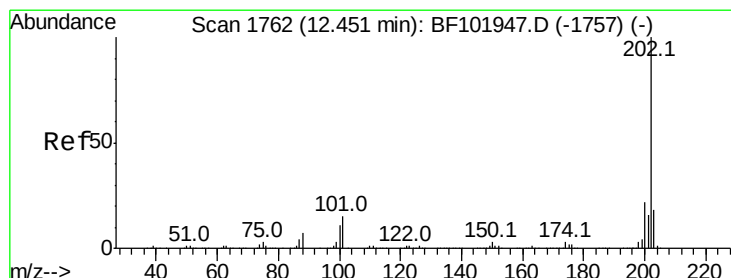
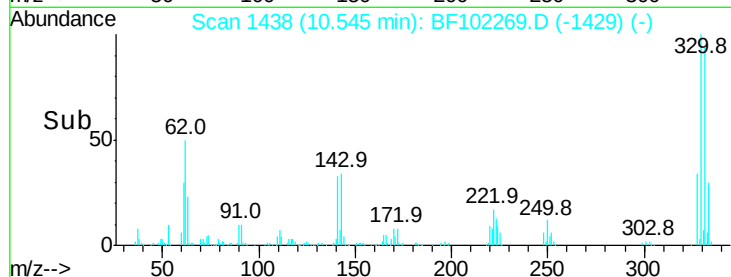
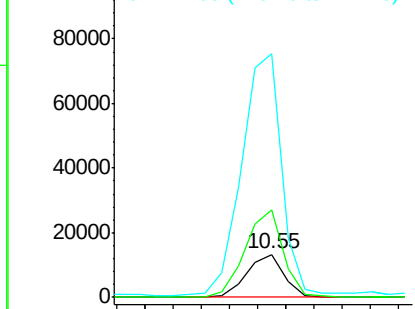
#66
 4-Bromophenyl-phenylether
 Concen: 3.489 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102269.D
 Acq: 20 Jan 2018 16:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12221
 Ion Ratio Lower Upper
 248 100
 250 204.5 76.9 115.3#
 141 568.7 74.4 111.6#

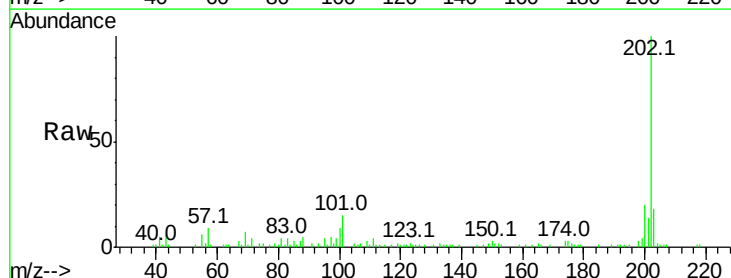


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

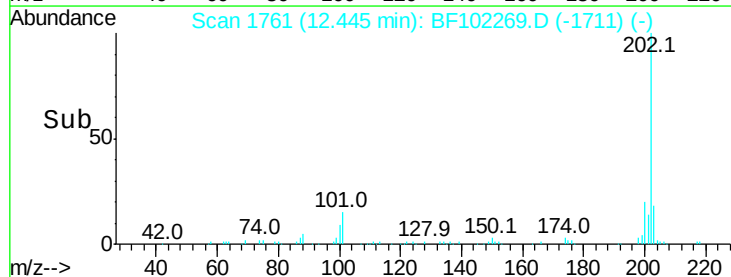
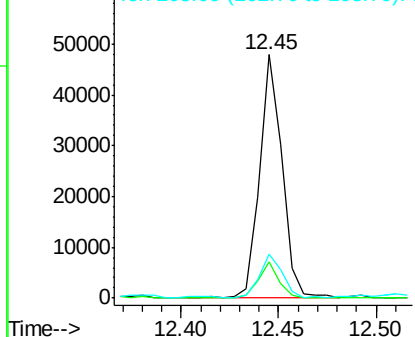


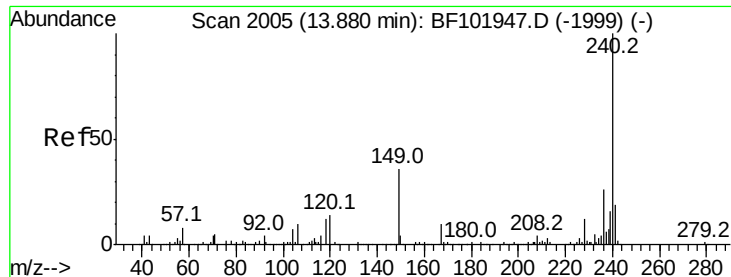
#74
 Fluoranthene
 Concen: 2.007 ng
 RT: 12.45 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF102269.D
 Acq: 20 Jan 2018 16:47

Tgt Ion:202 Resp: 38259
 Ion Ratio Lower Upper
 202 100
 101 14.8 0.0 34.1
 203 18.3 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# 2003

Delta R.T. -0.01 min

Lab File: BF102269.D

Acq: 20 Jan 2018 16:47

Instrument :

BNA_F

ClientSampleId :

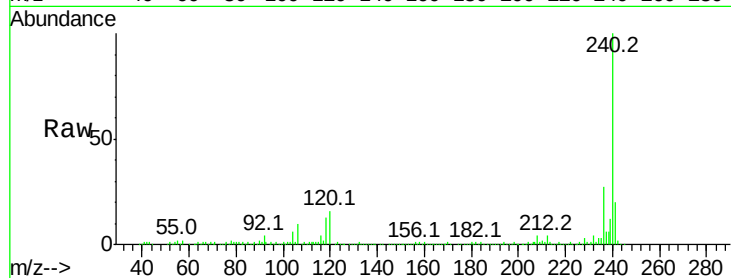
Tot Ion:240 Resp: 284238

Ion Ratio Lower Upper

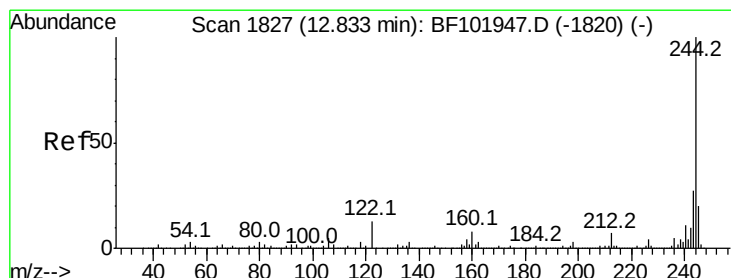
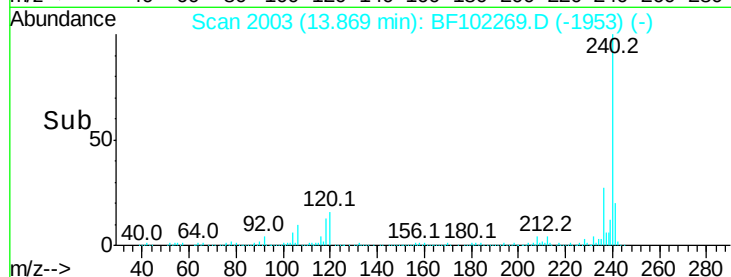
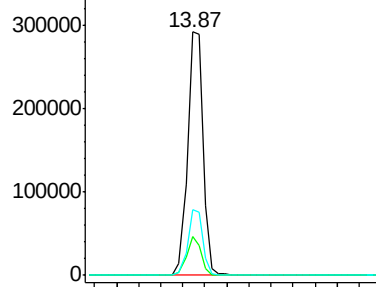
240 100

120 15.7 9.5 14.3#

236 27.0 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: 55.469 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102269.D

Acq: 20 Jan 2018 16:47

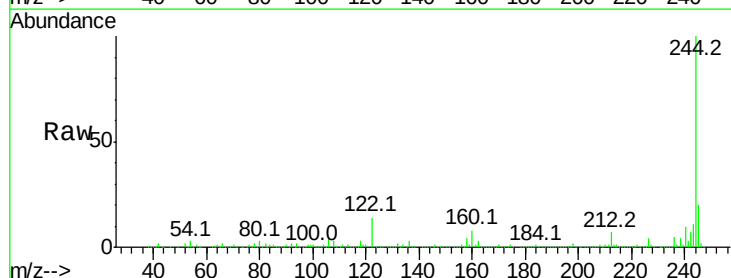
Tgt Ion:244 Resp: 759360

Ion Ratio Lower Upper

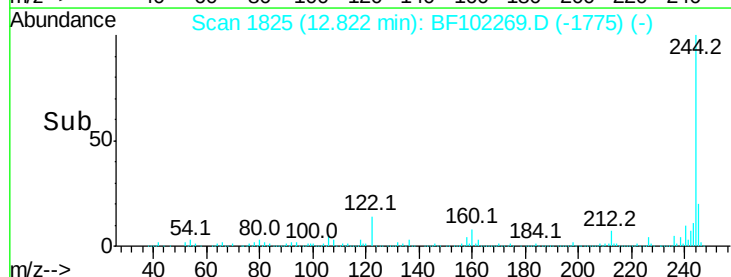
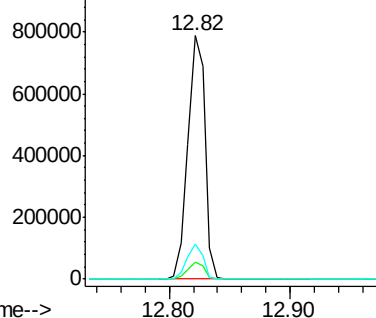
244 100

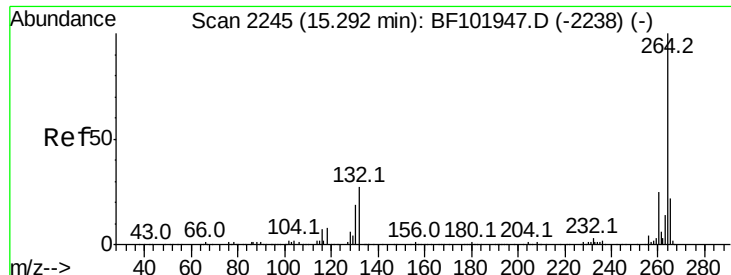
212 7.1 5.4 8.0

122 14.5 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: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102269.D
 Acq: 20 Jan 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.7	17.5	26.3

