

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103063.D
 Acq On : 16 Feb 2018 20:06
 Operator : SJ/JU
 Sample : J1575-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

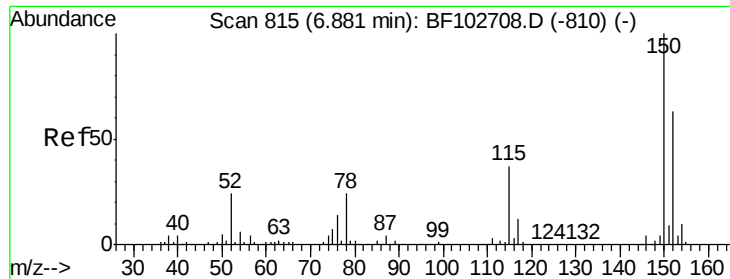
Quant Time: Feb 16 23:19:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167590	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	634348	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	239848	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	362085	20.00	ng	0.00
75) Chrysene-d12	14.05	240	275850	20.00	ng	-0.01
86) Perylene-d12	15.54	264	223938	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1103135	99.96	ng	0.01
7) Phenol-d6	6.51	99	1286404	96.81	ng	0.00
23) Nitrobenzene-d5	7.44	82	772023	84.43	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	191143	99.01	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1098307	75.98	ng	0.00
78) Terphenyl-d14	12.99	244	803651	68.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	102177	11.66	ng	# 80
25) Isophorone	7.44	82	772010	36.66	ng	# 64
47) 2-Nitroaniline	9.62	65	1099	3.68	ng	# 1
49) Dimethylphthalate	9.62	163	88452	4.73	ng	# 98
50) 2,6-Dinitrotoluene	9.92	165	29890	8.40	ng	# 26
55) 4-Nitrophenol	10.12	139	225	4.08	ng	# 33
56) 2,4-Dinitrotoluene	9.92	165	29890	8.94	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	356	9.01	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	12462	3.25	ng	# 1

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

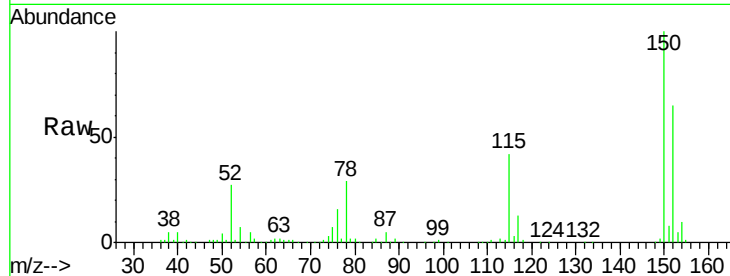


#1

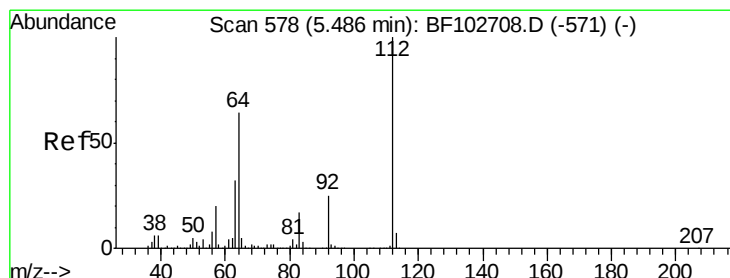
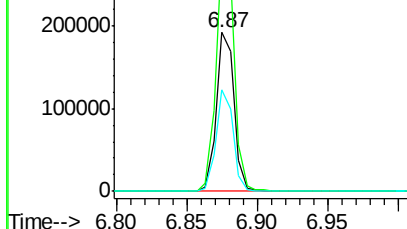
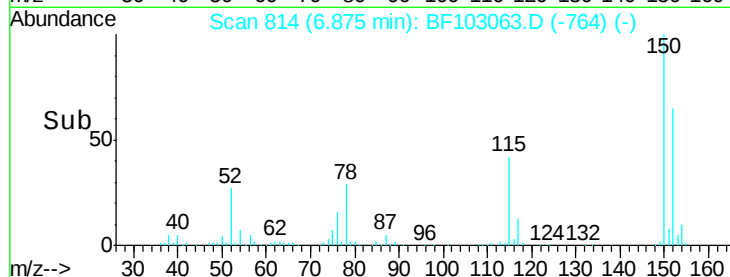
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103063.D
Acq: 16 Feb 2018 20:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167590
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 64.1 50.1 75.1



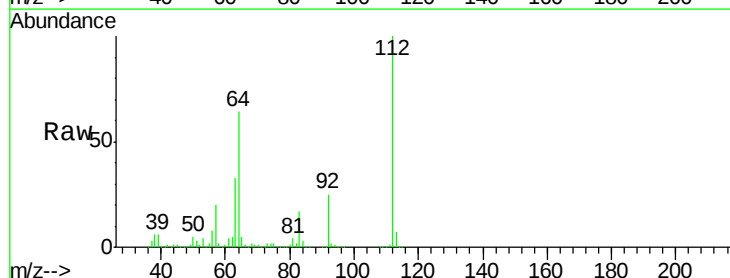
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



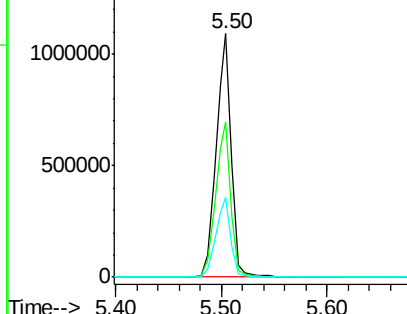
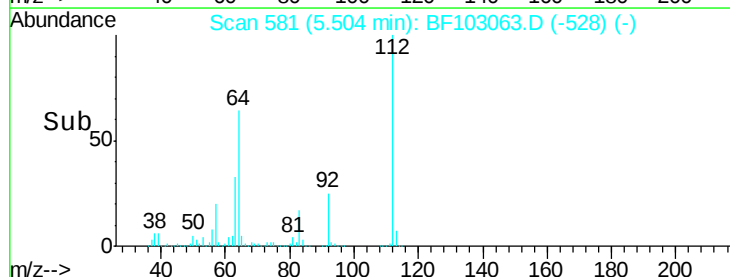
#5

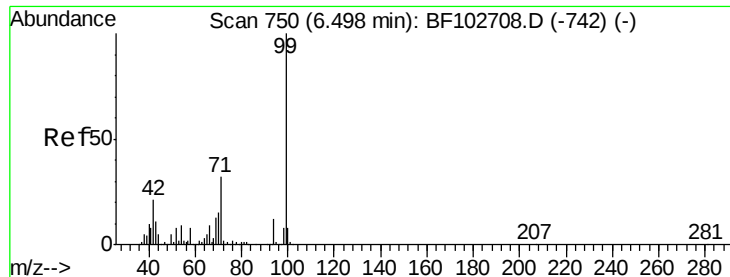
2-Fluorophenol
Concen: 99.96 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103063.D
Acq: 16 Feb 2018 20:06

Tgt Ion:112 Resp: 1103135
Ion Ratio Lower Upper
112 100
64 63.9 47.9 71.9
63 32.7 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: 96.81 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103063.D

Acq: 16 Feb 2018 20:06

Instrument :

BNA_F

ClientSampleId :

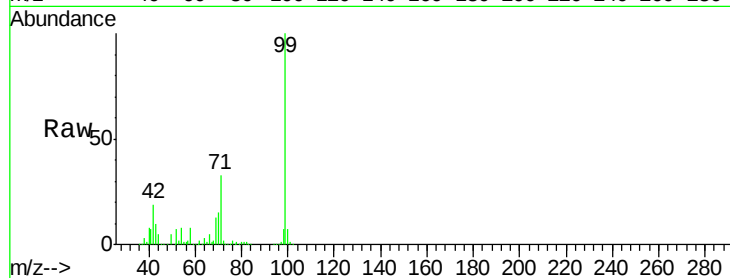
Tot Ion: 99 Resp: 1286404

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

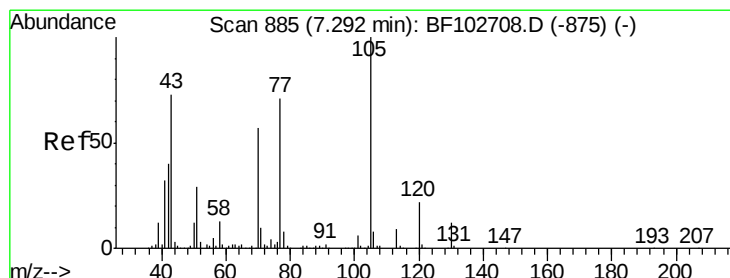
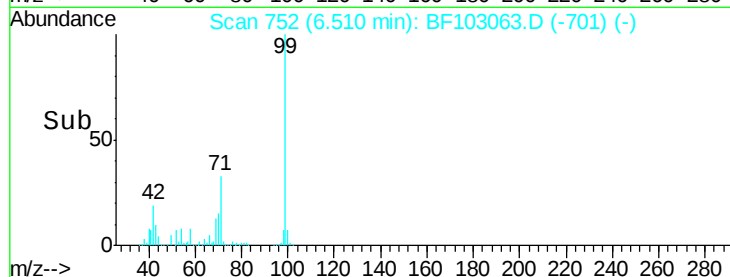
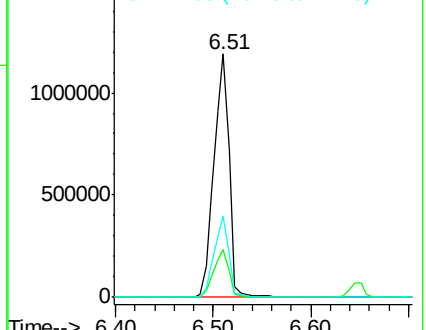
71 33.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.66 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103063.D

Acq: 16 Feb 2018 20:06

Tgt Ion: 70 Resp: 102177

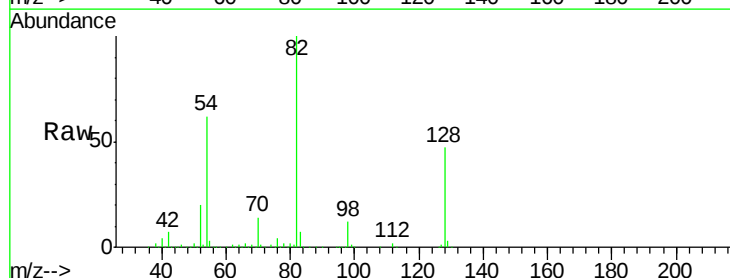
Ion Ratio Lower Upper

70 100

42 49.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

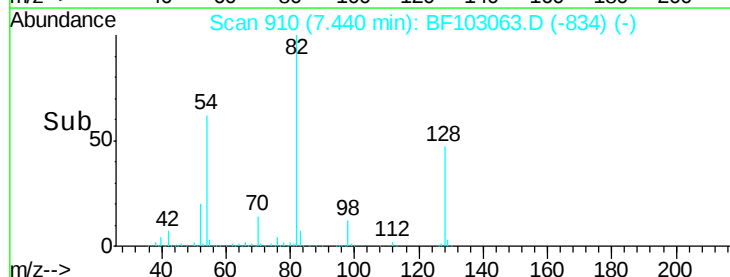
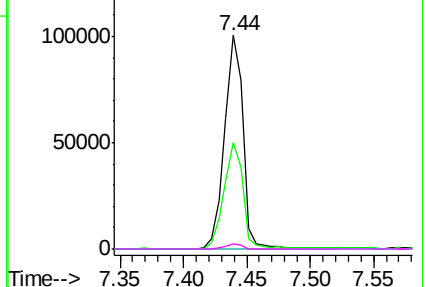


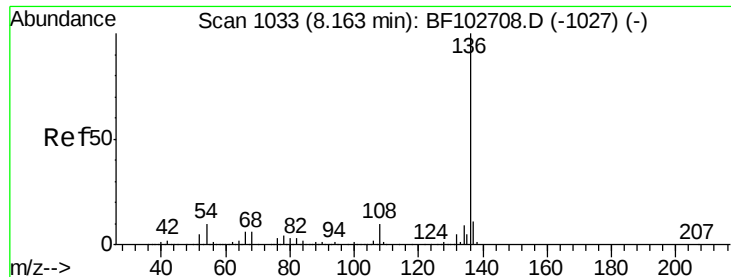
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

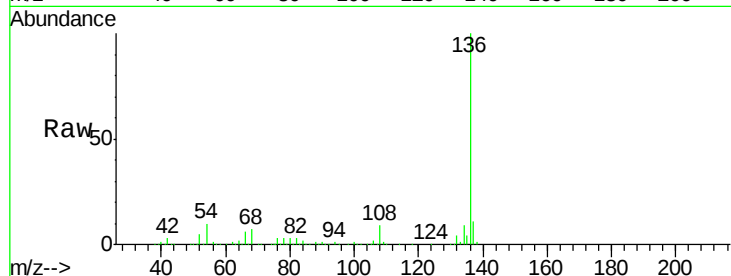




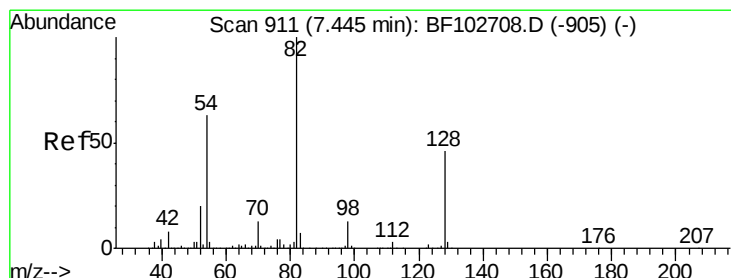
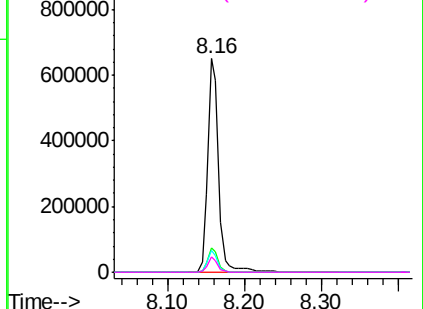
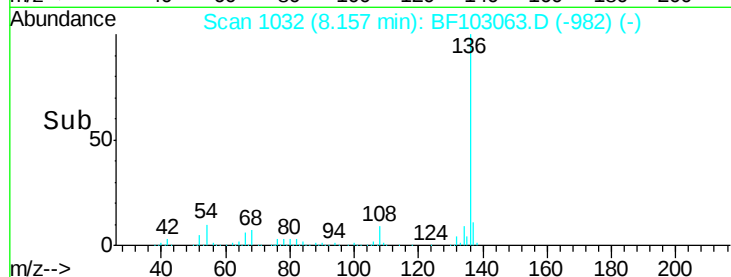
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103063.D
Acq: 16 Feb 2018 20:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	634348
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	10.2	6.6 9.8#
68	6.9	5.0 7.4

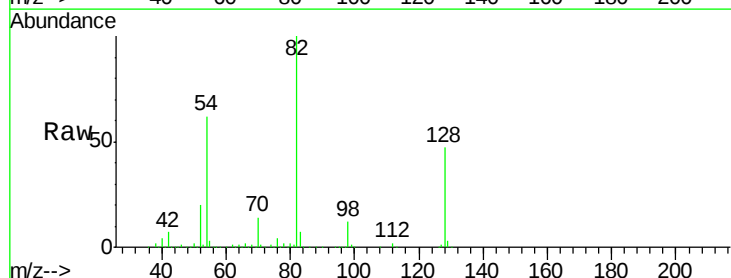


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

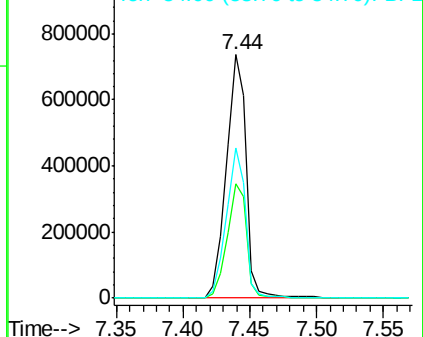
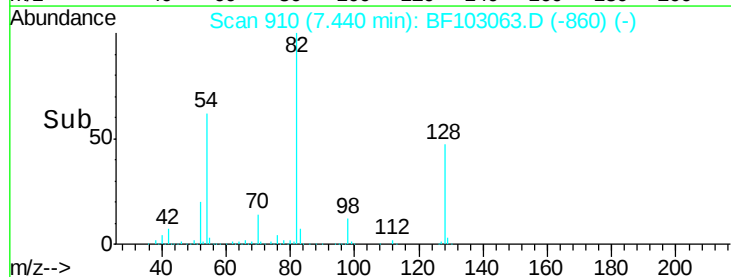


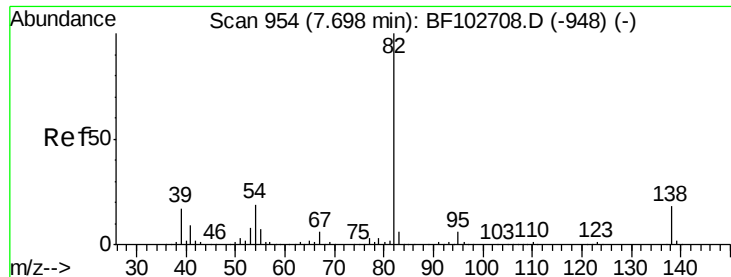
#23
Nitrobenzene-d5
Concen: 84.43 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103063.D
Acq: 16 Feb 2018 20:06

Tgt Ion: 82	Resp:	772023
Ion Ratio	Lower	Upper
82	100	
128	47.2	36.1 54.1
54	61.7	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

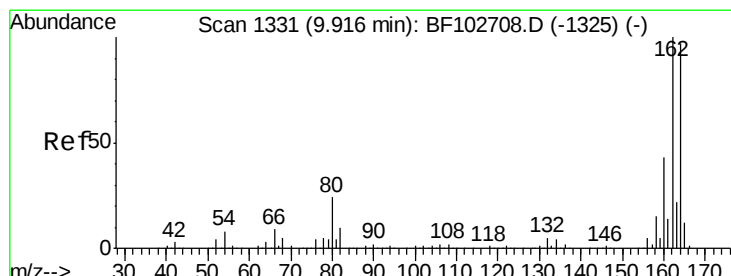
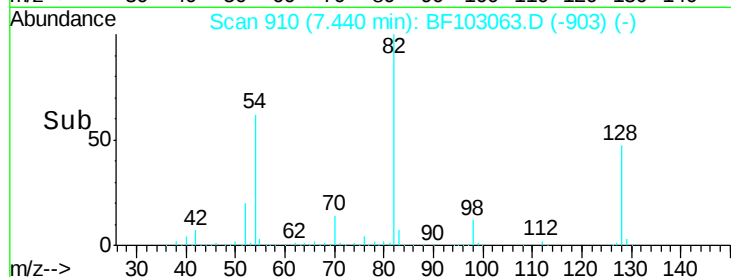
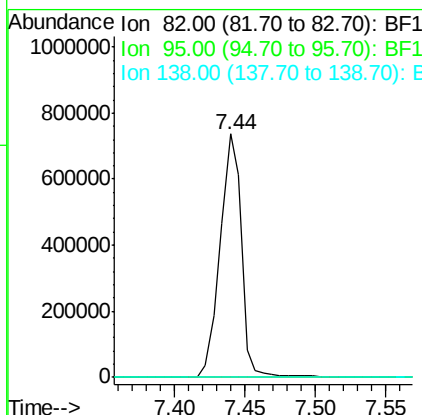
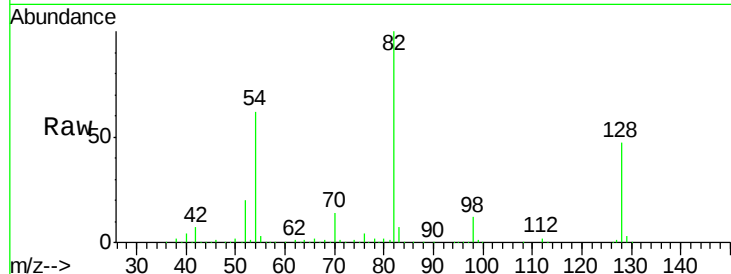




#25
Isophorone
Concen: 36.66 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103063.D
Acq: 16 Feb 2018 20:06

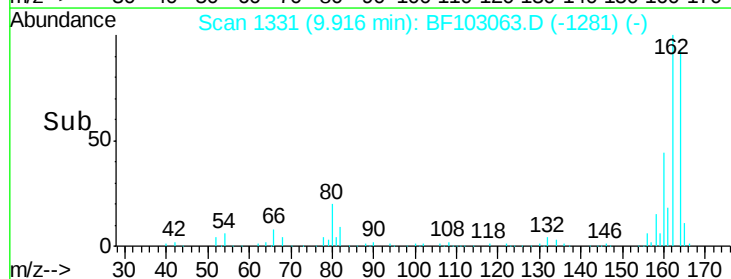
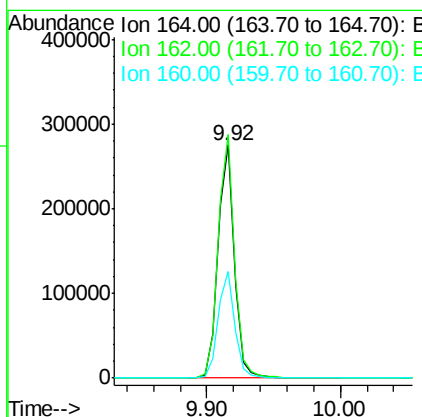
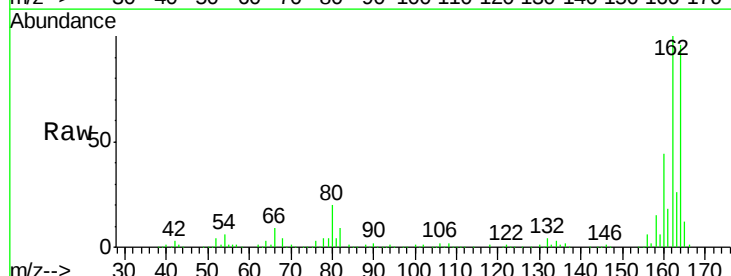
Instrument :
BNA_F
ClientSampled :

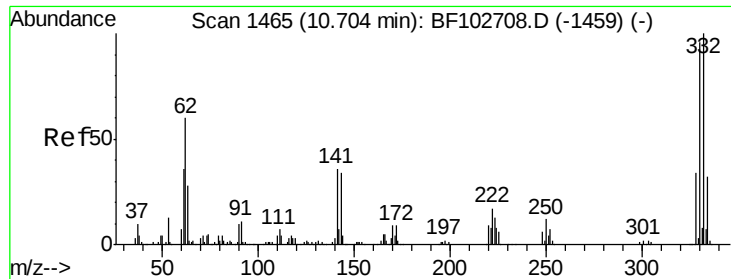
Tot Ion: 82 Resp: 772010
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103063.D
Acq: 16 Feb 2018 20:06

Tgt Ion: 164 Resp: 239848
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.8 38.3 57.5

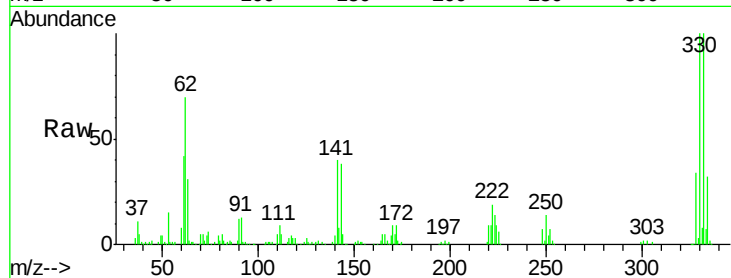




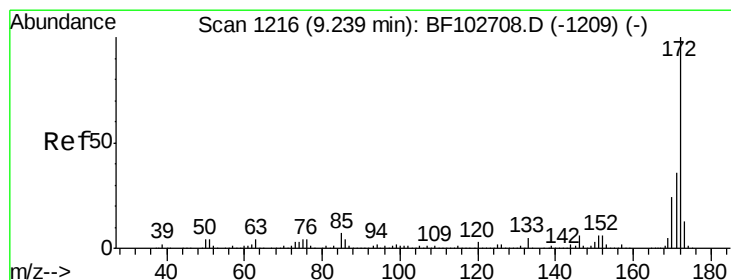
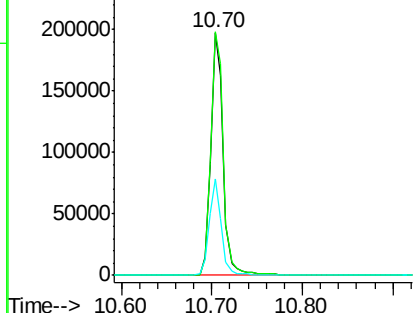
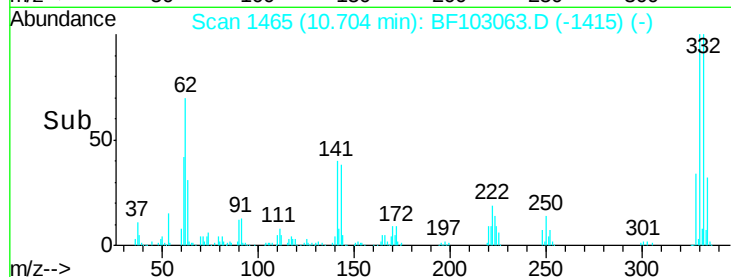
#41
 2,4,6-Tribromophenol
 Concen: 99.01 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103063.D
 Acq: 16 Feb 2018 20:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.6	77.0	115.6
141	39.1	29.9	44.9

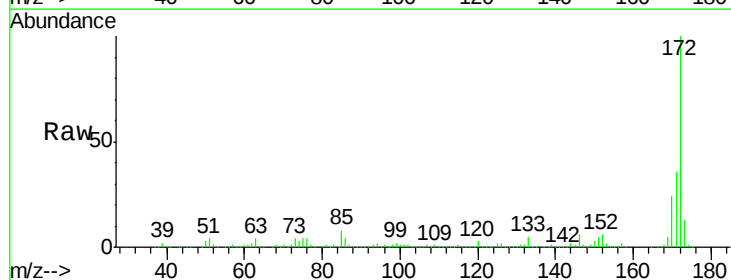


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

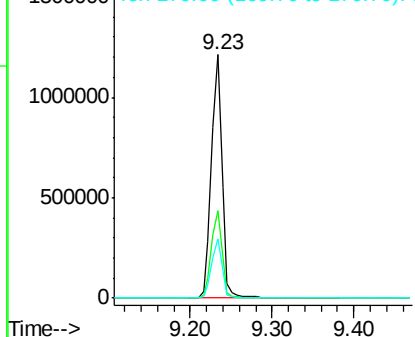
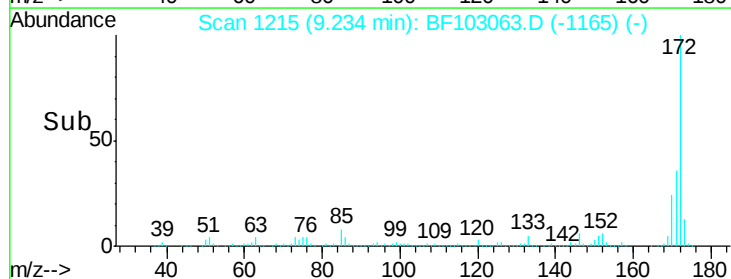


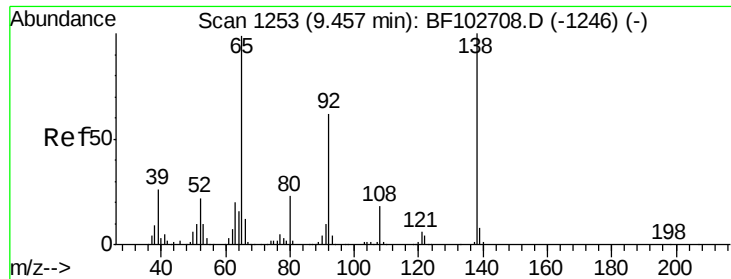
#44
 2-Fluorobiphenyl
 Concen: 75.98 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103063.D
 Acq: 16 Feb 2018 20:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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





#47

2-Nitroaniline

Concen: 3.68 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.16 min

Lab File: BF103063.D

Acq: 16 Feb 2018 20:06

Instrument :

BNA_F

ClientSampled :

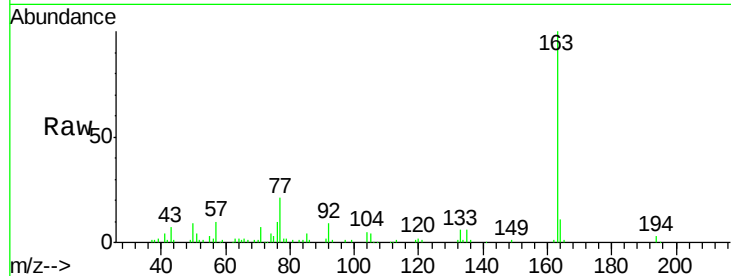
Tot Ion: 65 Resp: 1099

Ion Ratio Lower Upper

65 100

92 643.7 55.8 83.6#

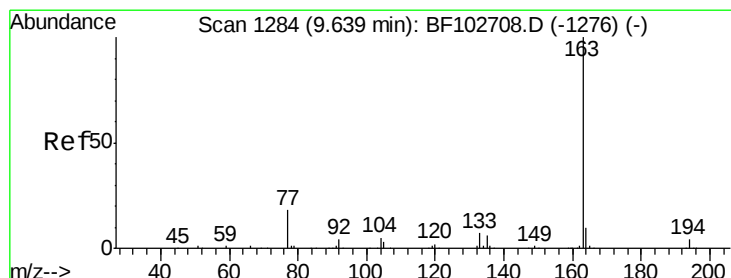
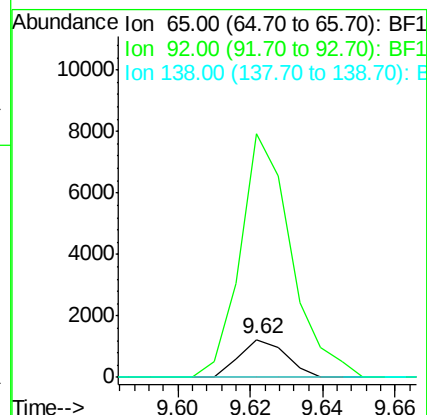
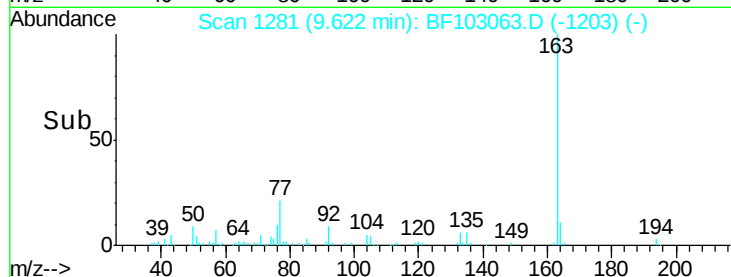
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Dimethylphthalate

Concen: 4.73 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF103063.D

Acq: 16 Feb 2018 20:06

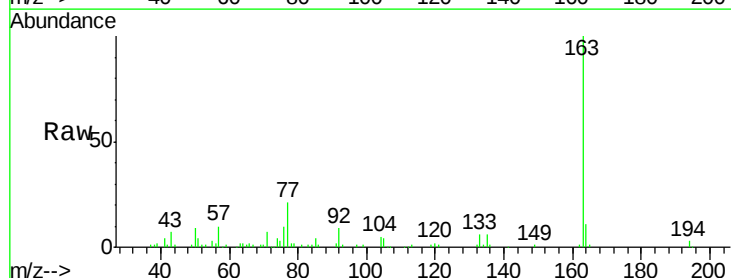
Tgt Ion: 163 Resp: 88452

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

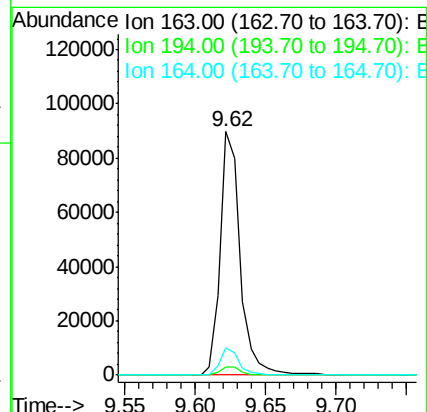
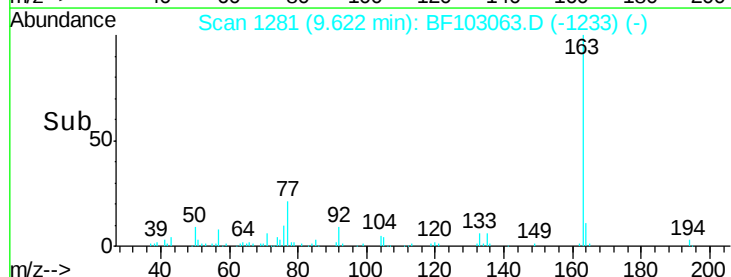
164 11.0 8.2 12.2

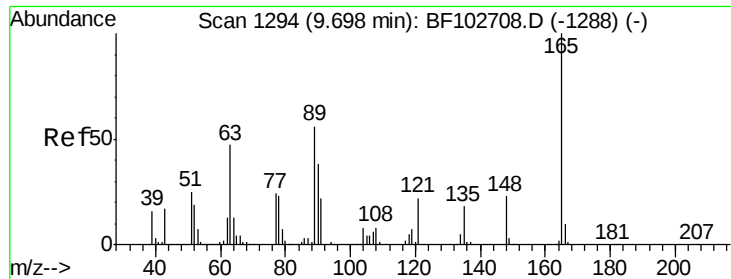


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

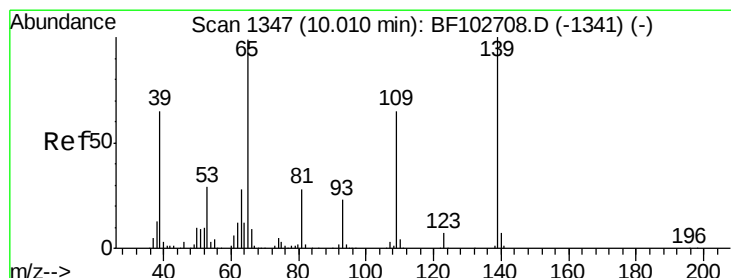
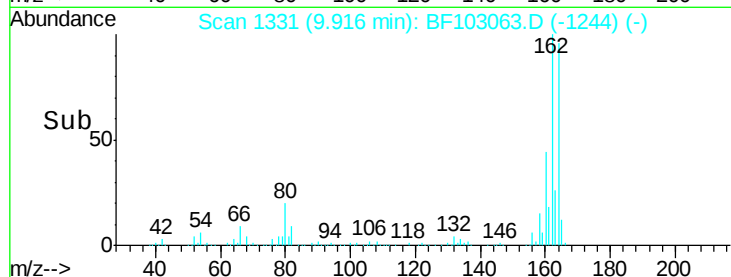
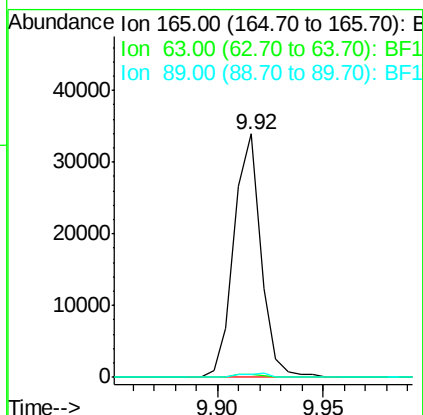
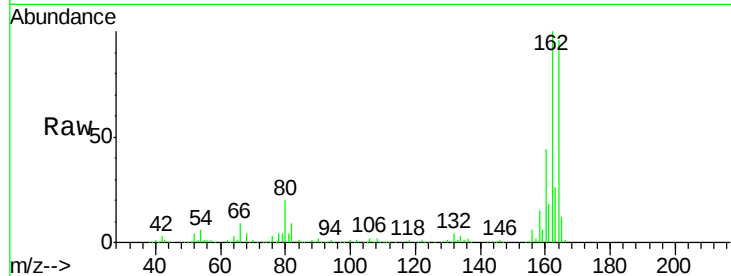




#50
 2,6-Dinitrotoluene
 Concen: 8.40 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF103063.D
 Acq: 16 Feb 2018 20:06

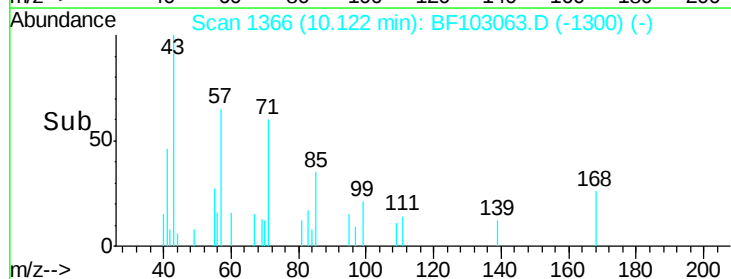
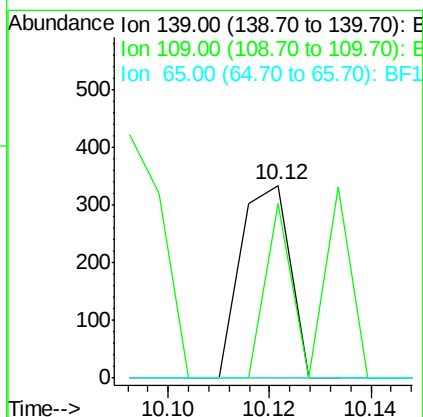
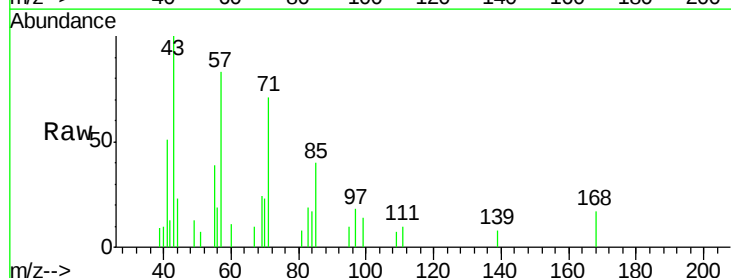
Instrument :
 BNA_F
 ClientSampleId :

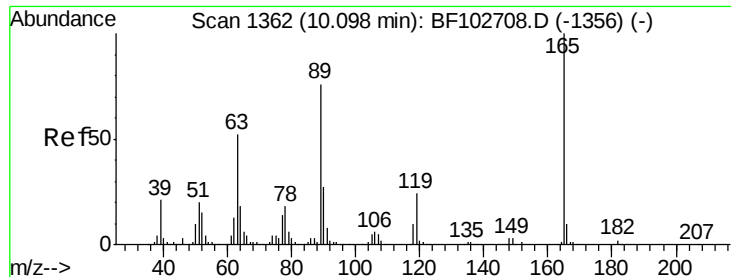
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.4	44.0	66.0#



#55
 4-Nitrophenol
 Concen: 4.08 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.09 min
 Lab File: BF103063.D
 Acq: 16 Feb 2018 20:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.4	48.4	88.4#
65	0.0	72.6	112.6#

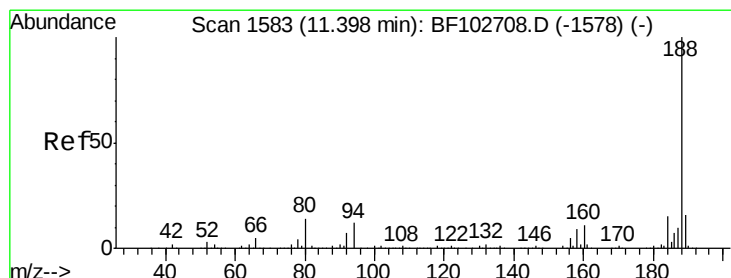
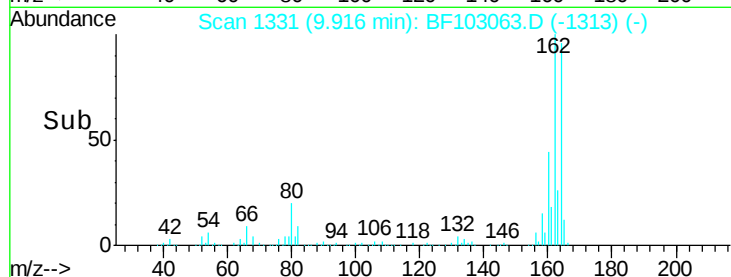
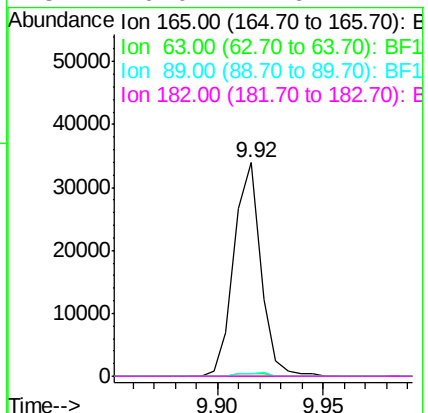
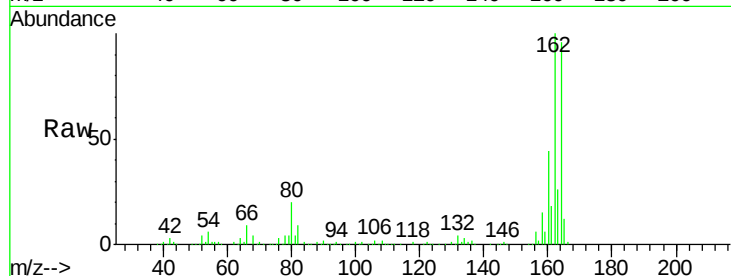




#56
 2,4-Dinitrotoluene
 Concen: 8.94 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF103063.D
 Acq: 16 Feb 2018 20:06

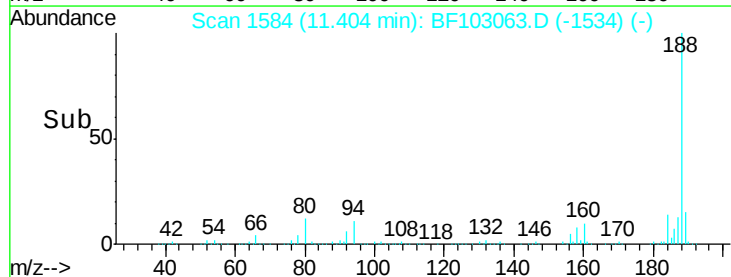
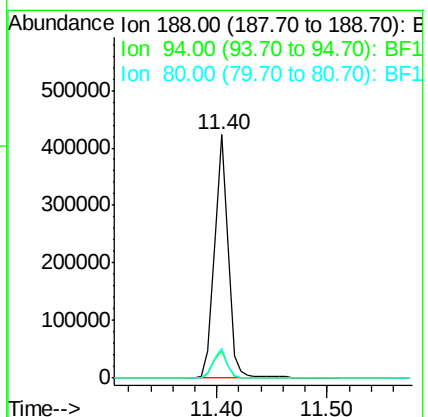
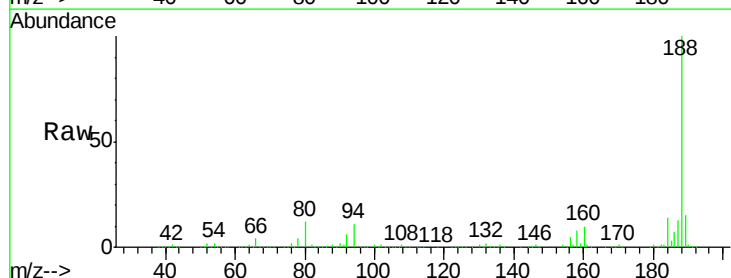
Instrument :
 BNA_F
 ClientSampleId :

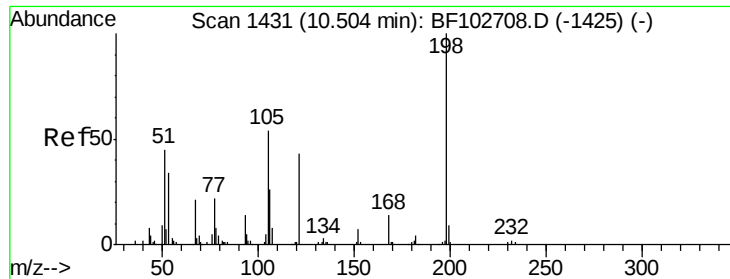
Tot Ion:165	Resp:	29890
Ion Ratio	Lower	Upper
165	100	
63	1.5	36.4 54.6#
89	1.4	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103063.D
 Acq: 16 Feb 2018 20:06

Tgt Ion:188	Resp:	362085
Ion Ratio	Lower	Upper
188	100	
94	11.4	8.5 12.7
80	12.1	9.2 13.8

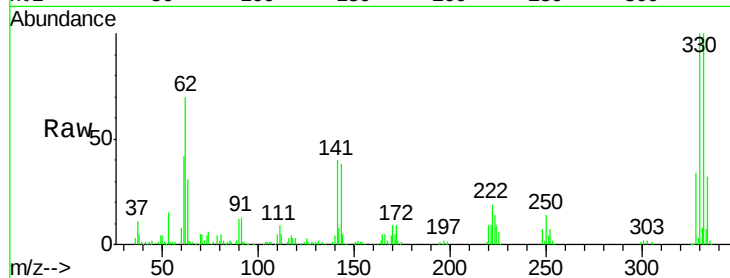




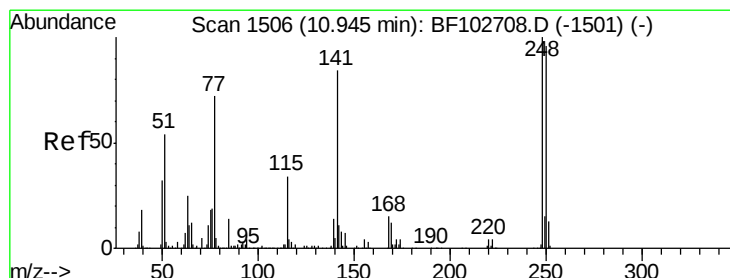
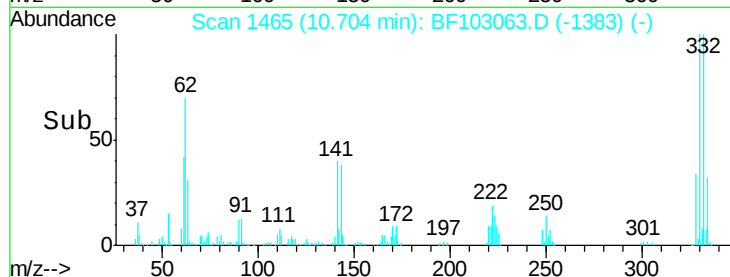
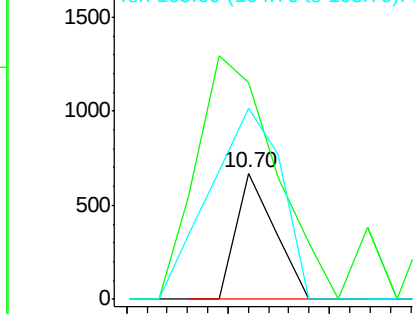
#64
4,6-Dinitro-2-methylphenol
Concen: 9.01 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103063.D
Acq: 16 Feb 2018 20:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 356
Ion Ratio Lower Upper
198 100
51 172.0 37.7 77.7#
105 150.9 36.3 76.3#

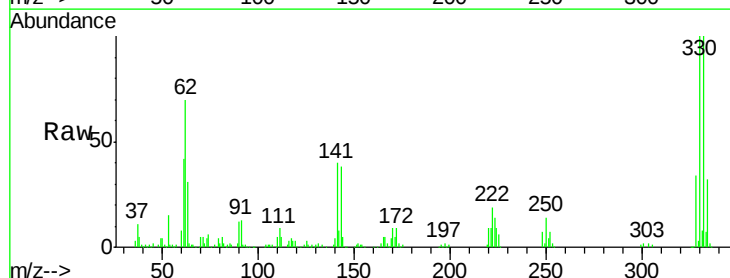


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

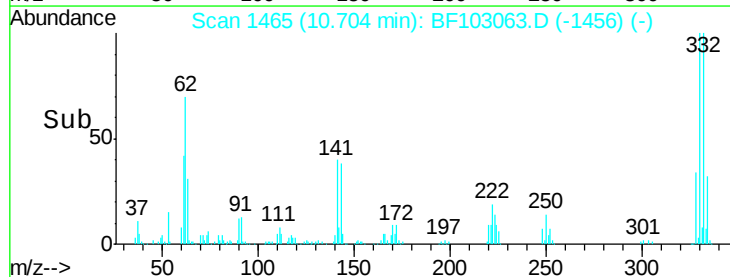
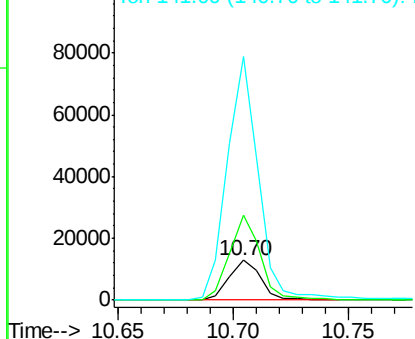


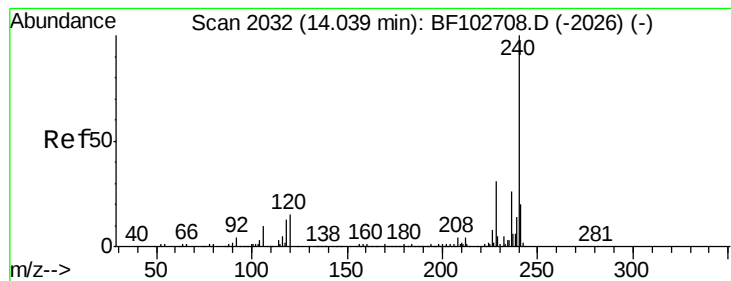
#66
4-Bromophenyl-phenylether
Concen: 3.25 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF103063.D
Acq: 16 Feb 2018 20:06

Tgt Ion:248 Resp: 12462
Ion Ratio Lower Upper
248 100
250 211.4 76.9 115.3#
141 610.2 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103063.D

Acq: 16 Feb 2018 20:06

Instrument :

BNA_F

ClientSampleId :

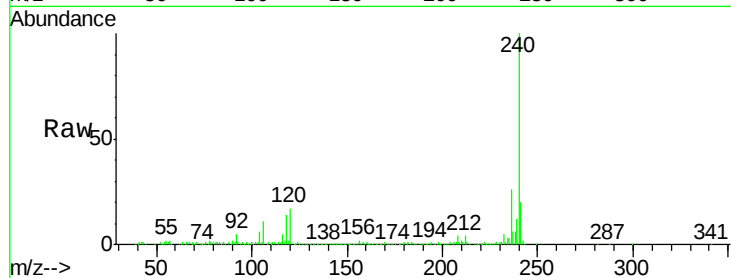
Tot Ion:240 Resp: 275850

Ion Ratio Lower Upper

240 100

120 17.1 9.5 14.3#

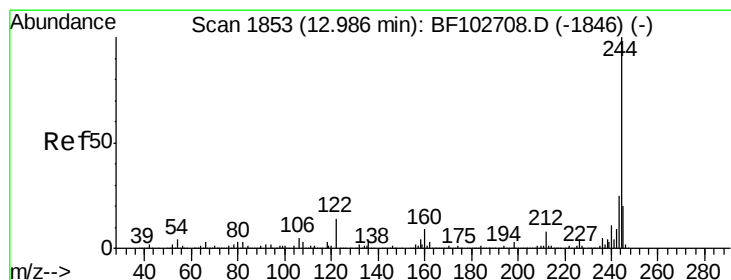
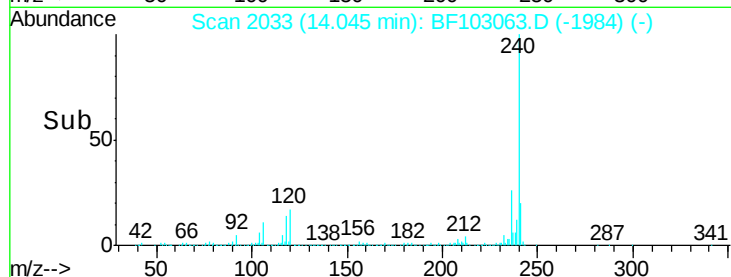
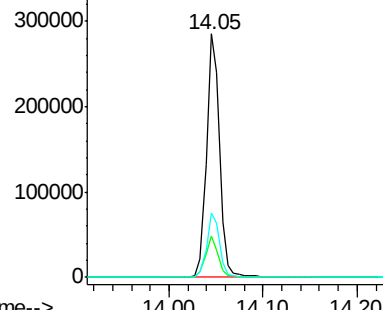
236 26.3 20.7 31.1



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: 68.98 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103063.D

Acq: 16 Feb 2018 20:06

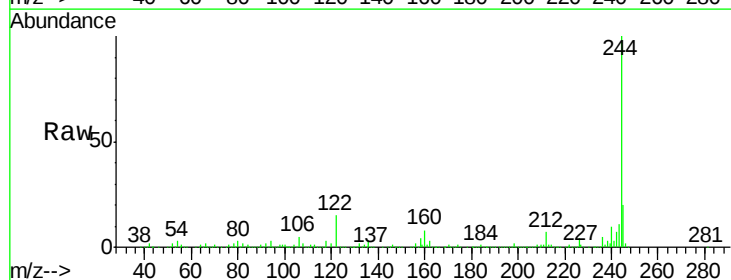
Tgt Ion:244 Resp: 803651

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

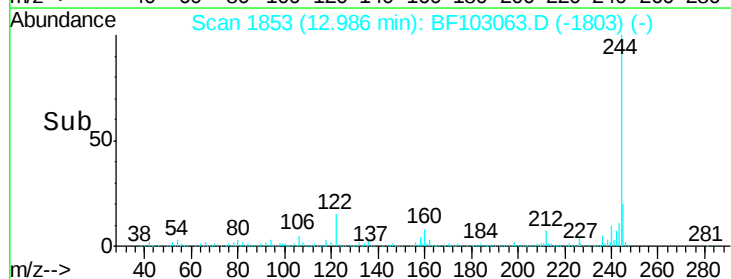
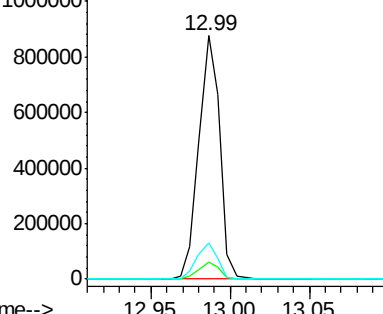
122 15.0 11.0 16.4

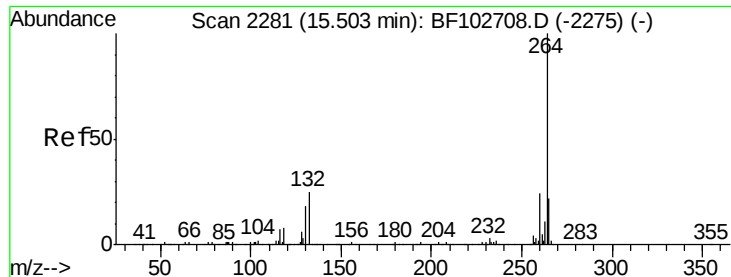


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

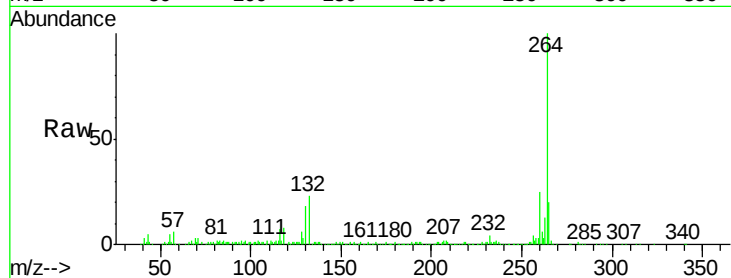




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103063.D
Acq: 16 Feb 2018 20:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	19.8	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

