

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111850.D
 Acq On : 4 Jan 2019 17:46
 Operator : JU/SJ
 Sample : K1017-25
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 23:30:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	199349	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	762226	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	299153	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	461069	20.00	ng	0.00
76) Chrysene-d12	14.06	240	449990	20.00	ng	0.00
87) Perylene-d12	15.54	264	361882	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	705677	60.34	ng	0.01
7) Phenol-d6	6.53	99	575689	38.68	ng	0.00
23) Nitrobenzene-d5	7.46	82	1061891	81.09	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	377576	106.82	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1607906	78.34	ng	0.00
79) Terphenyl-d14	13.00	244	1586436	66.86	ng	0.00

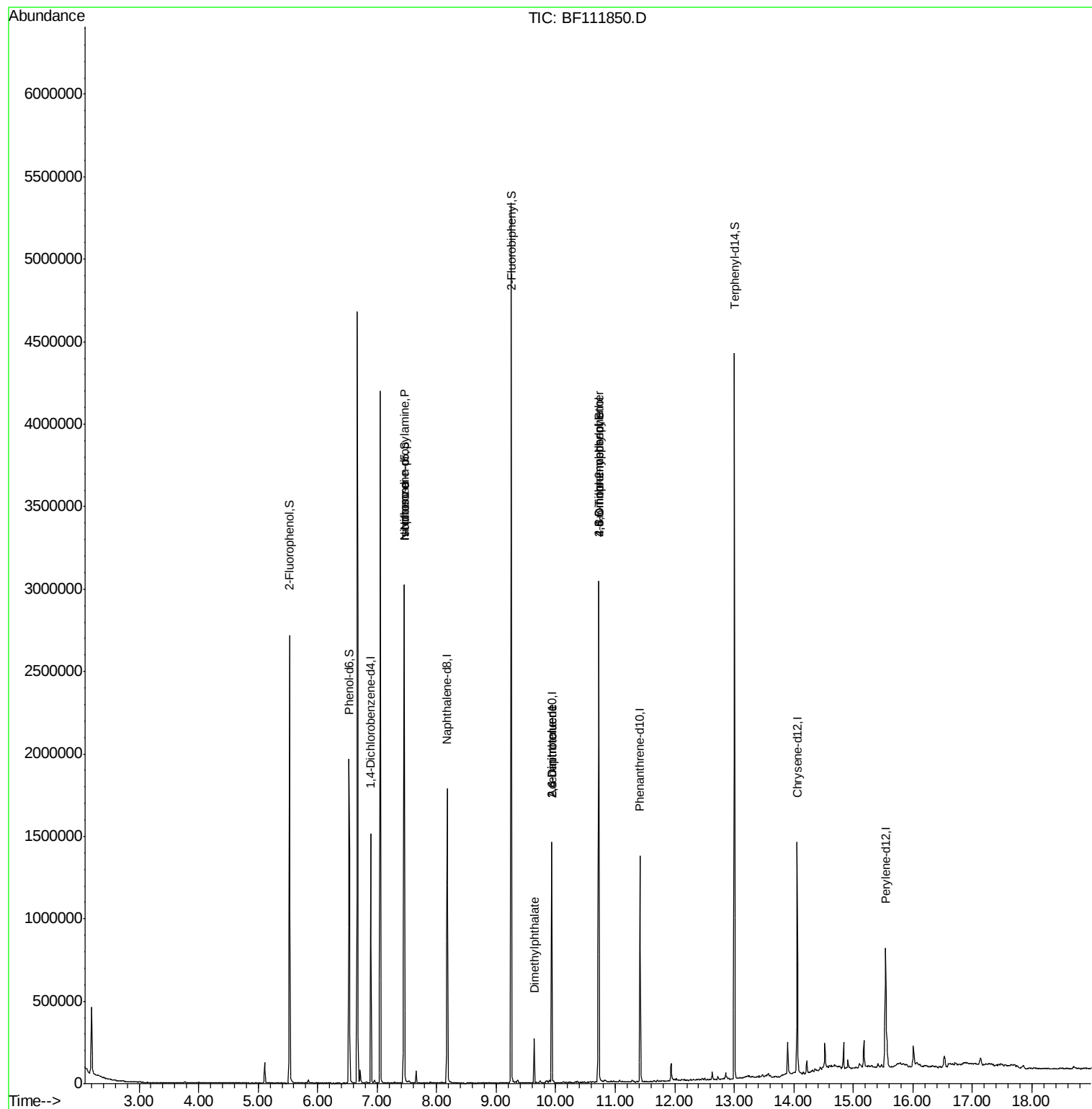
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	144861	14.655	ng	# 76
25) Isophorone	7.46	82	1061884	45.678	ng	# 64
50) Dimethylphthalate	9.64	163	104101	4.759	ng	# 98
51) 2,6-Dinitrotoluene	9.93	165	39077	8.958	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	39077	7.454	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.72	198	761	7.037	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	23913	4.182	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111850.D
Acq On : 4 Jan 2019 17:46
Operator : JU/SJ
Sample : K1017-25
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 04 23:30:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



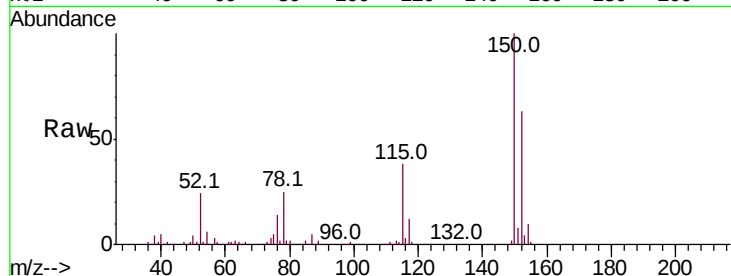


#1

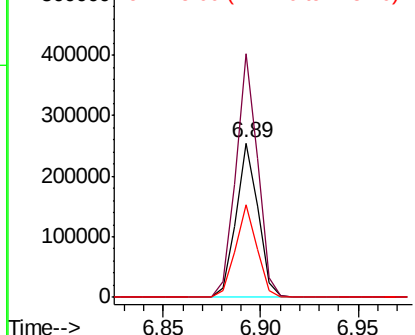
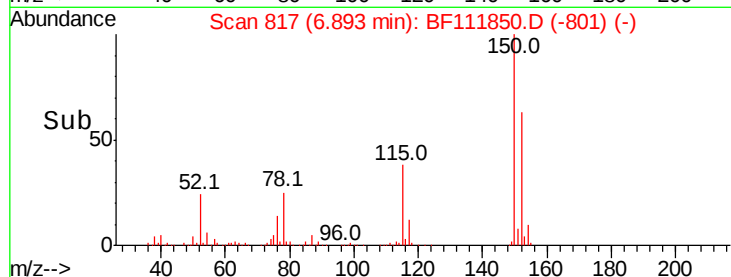
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111850.D
Acq: 4 Jan 2019 17:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 199349
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 60.1 50.7 76.1



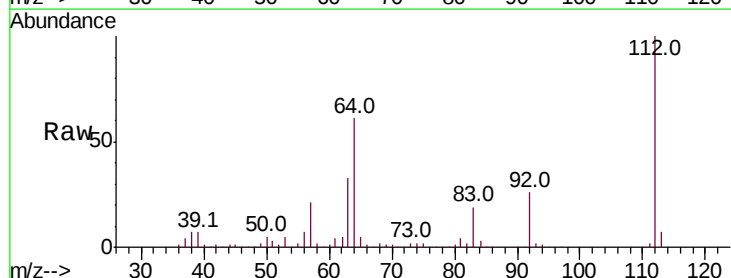
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



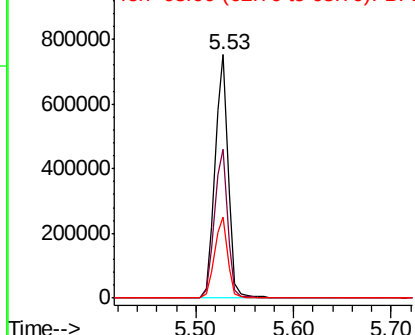
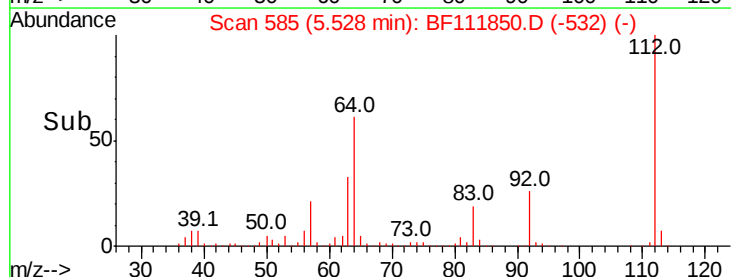
#5

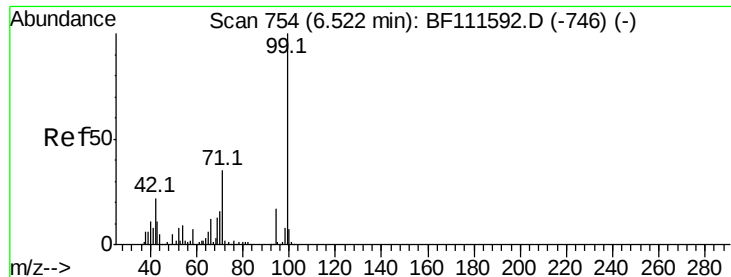
2-Fluorophenol
Concen: 60.339 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111850.D
Acq: 4 Jan 2019 17:46

Tgt Ion:112 Resp: 705677
Ion Ratio Lower Upper
112 100
64 61.3 51.8 77.6
63 33.2 26.8 40.2



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: 38.679 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111850.D

Acq: 4 Jan 2019 17:46

Instrument :

BNA_G

ClientSampleId :

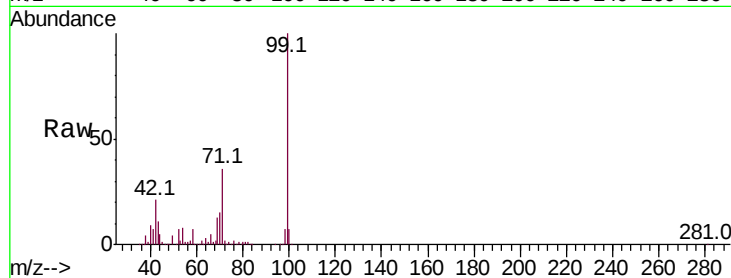
Tot Ion: 99 Resp: 575689

Ion Ratio Lower Upper

99 100

42 21.5 17.4 26.0

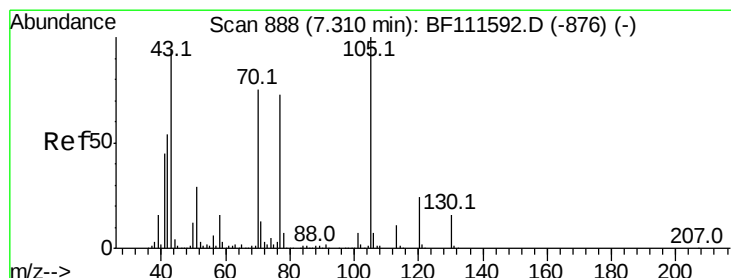
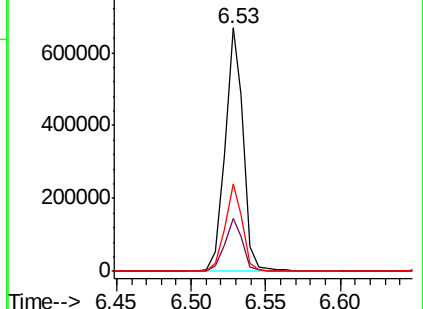
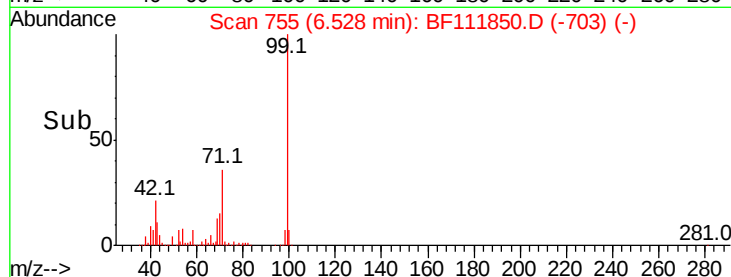
71 36.0 26.1 39.1



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: 14.655 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF111850.D

Acq: 4 Jan 2019 17:46

Tgt Ion: 70 Resp: 144861

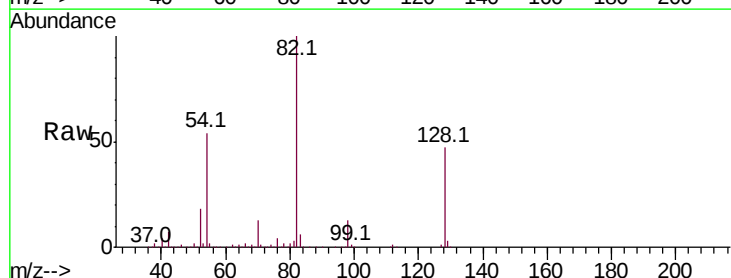
Ion Ratio Lower Upper

70 100

42 52.8 53.2 79.8#

101 0.0 8.2 12.4#

130 2.0 18.1 27.1#

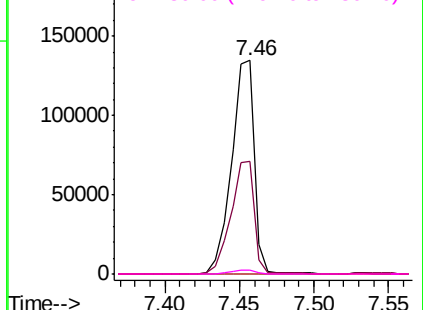
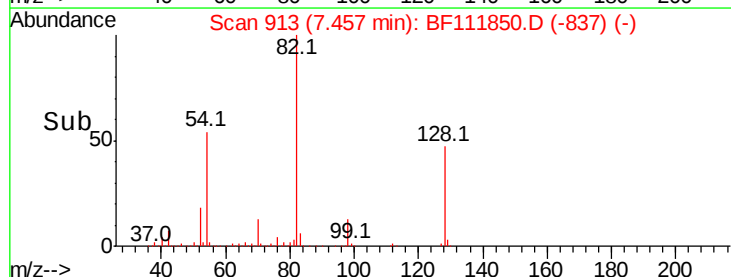


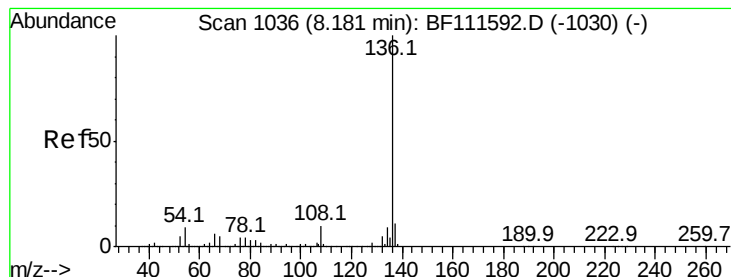
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111850.D

Acq: 4 Jan 2019 17:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 762226

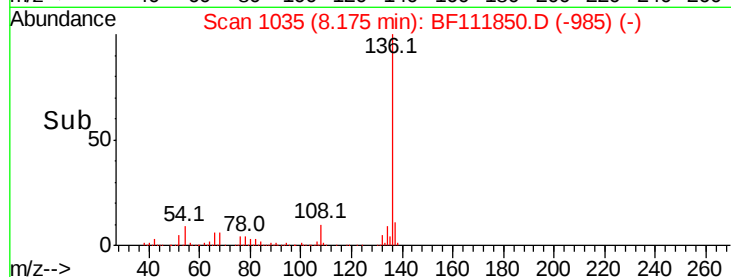
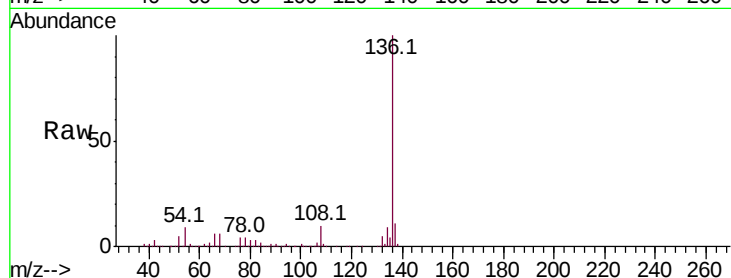
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.2 7.7 11.5

68 5.5 4.9 7.3

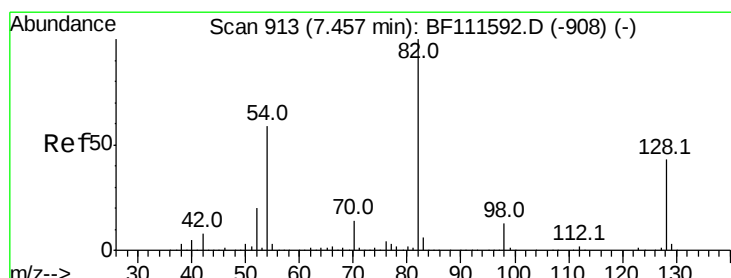
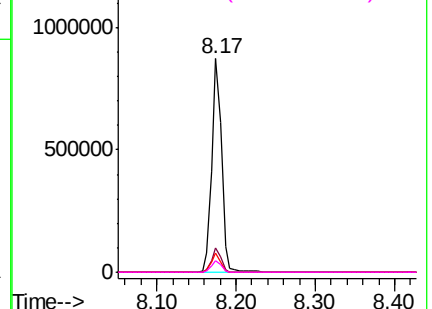


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.092 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF111850.D

Acq: 4 Jan 2019 17:46

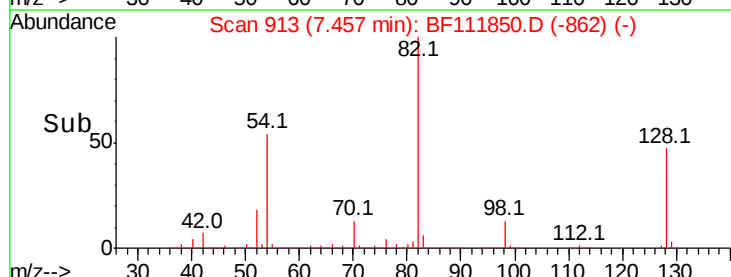
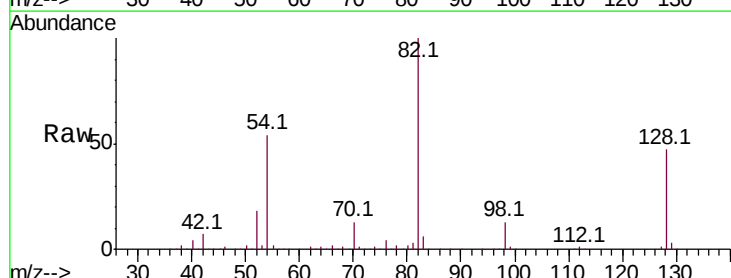
Tgt Ion: 82 Resp: 1061891

Ion Ratio Lower Upper

82 100

128 47.4 37.4 56.2

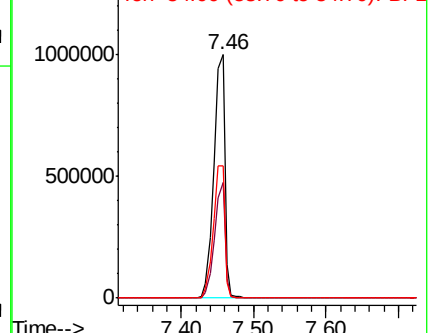
54 54.4 47.6 71.4

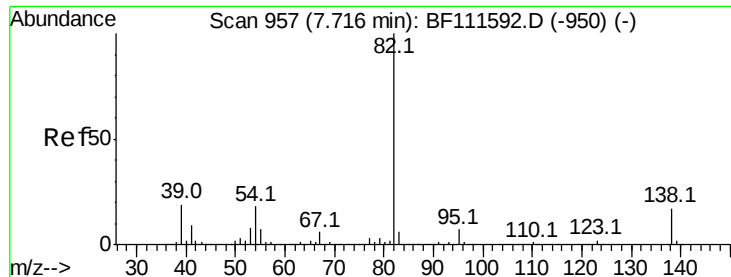


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.678 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF111850.D

Acq: 4 Jan 2019 17:46

Instrument :

BNA_G

ClientSampled :

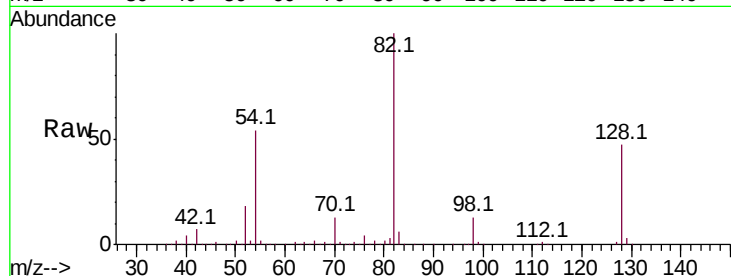
Tot Ion: 82 Resp: 1061884

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

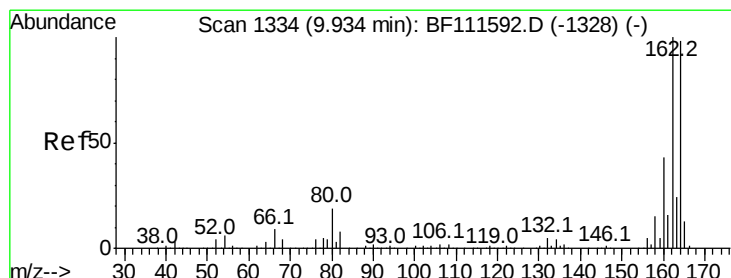
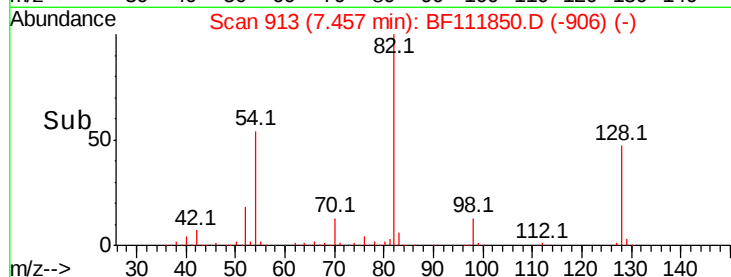
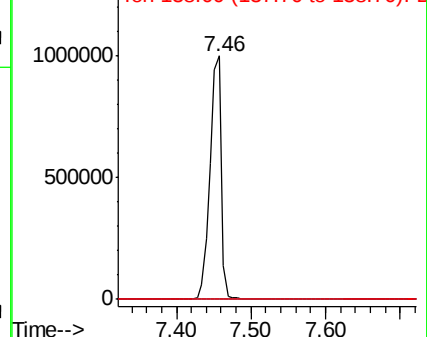
138 0.0 15.1 22.7#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF111850.D

Acq: 4 Jan 2019 17:46

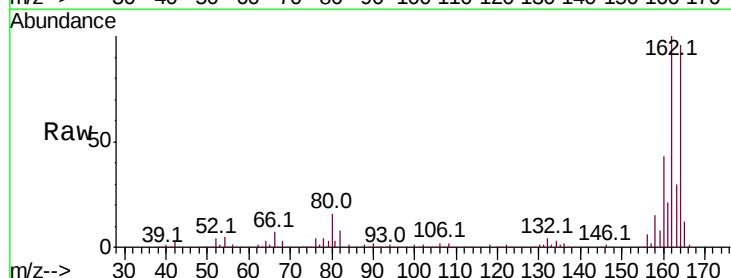
Tgt Ion:164 Resp: 299153

Ion Ratio Lower Upper

164 100

162 104.4 81.4 122.0

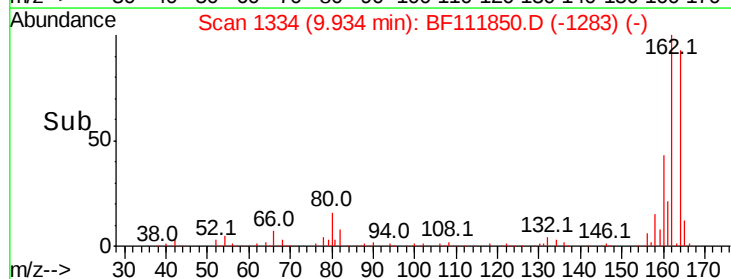
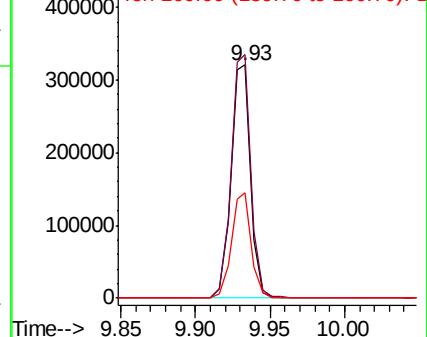
160 45.1 35.7 53.5

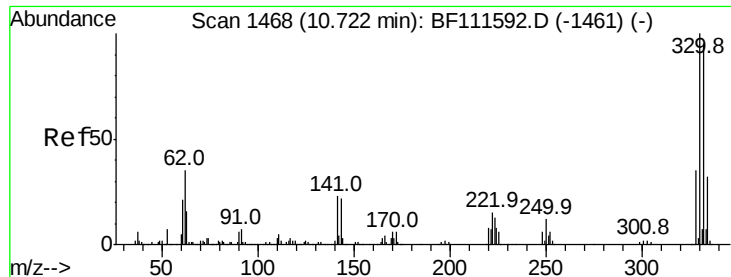


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

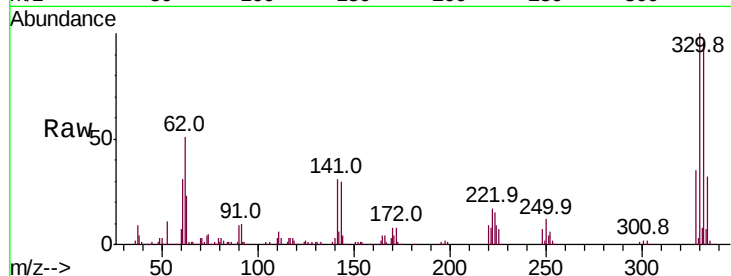




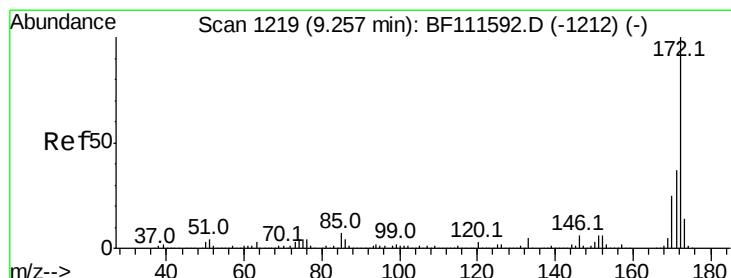
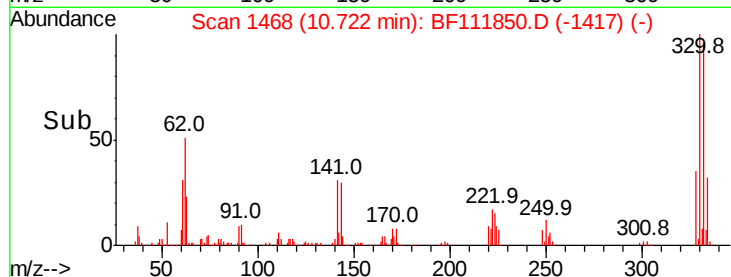
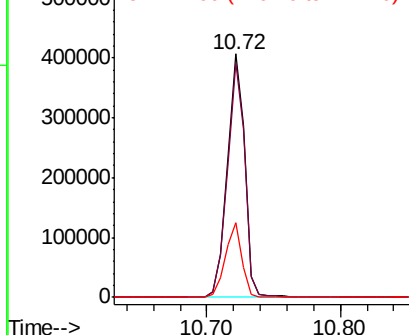
#42
 2,4,6-Tribromophenol
 Concen: 106.819 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF111850.D
 Acq: 4 Jan 2019 17:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	29.5	31.0	46.6#

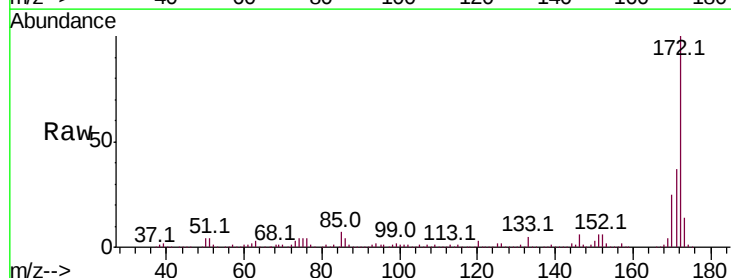


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

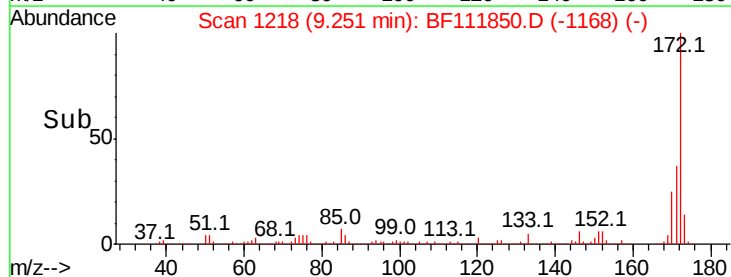
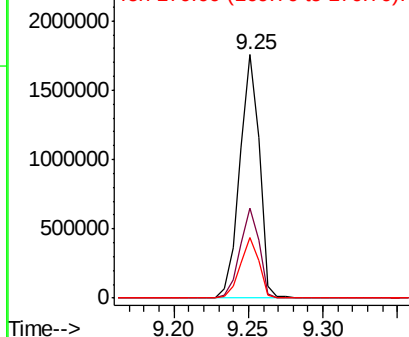


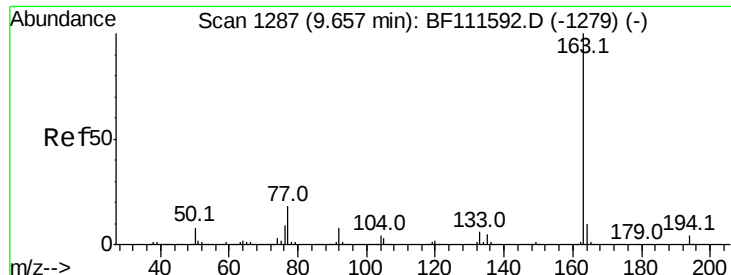
#45
 2-Fluorobiphenyl
 Concen: 78.343 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111850.D
 Acq: 4 Jan 2019 17:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	33.0	49.4
170	24.7	22.3	33.5



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

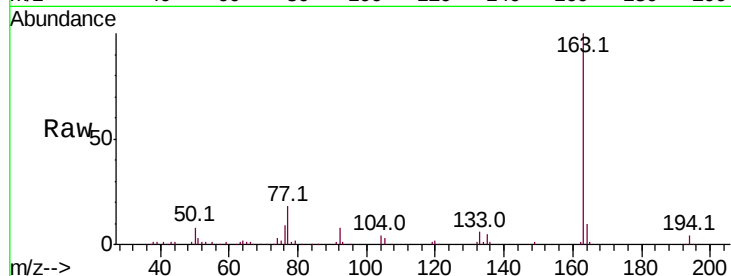




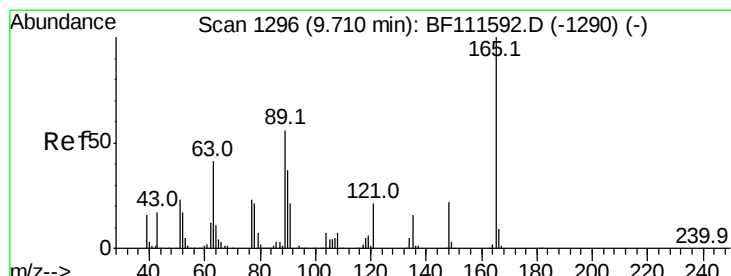
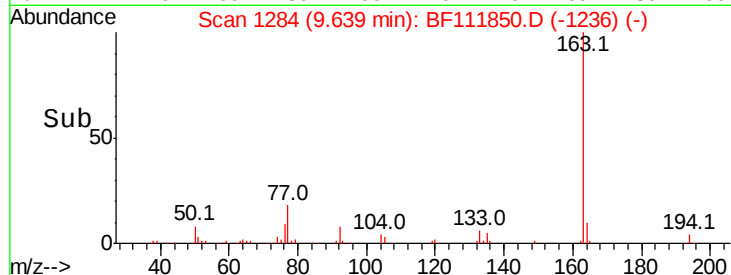
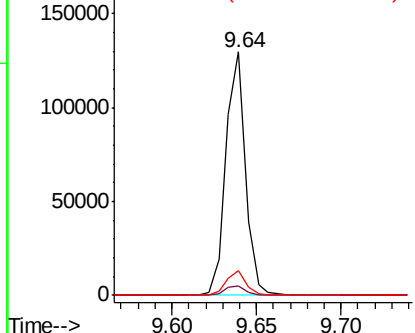
#50
Dimethylphthalate
Concen: 4.759 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111850.D
Acq: 4 Jan 2019 17:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.9	13.3

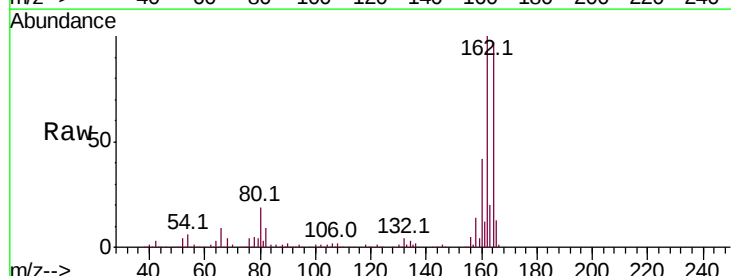


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

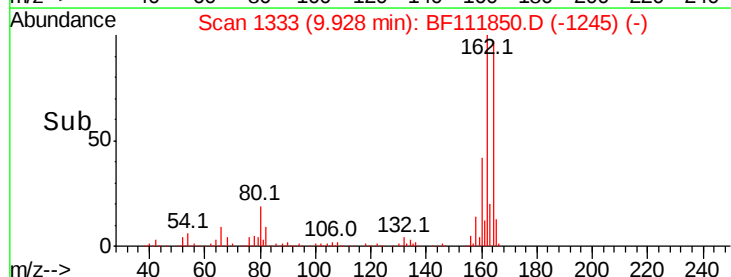
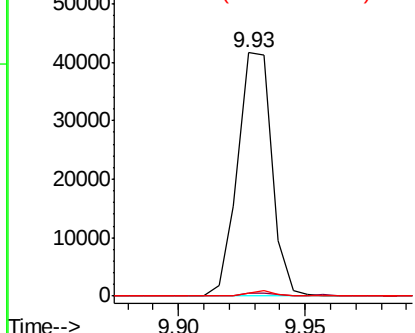


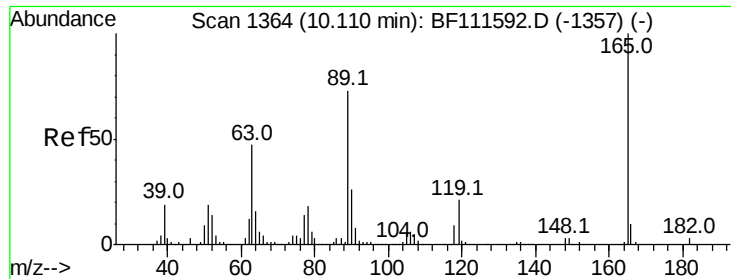
#51
2,6-Dinitrotoluene
Concen: 8.958 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111850.D
Acq: 4 Jan 2019 17:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	1.1	40.0	60.0#



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

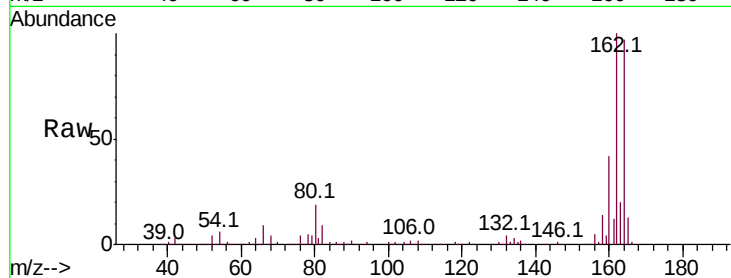




#57
 2,4-Dinitrotoluene
 Concen: 7.454 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.18 min
 Lab File: BF111850.D
 Acq: 4 Jan 2019 17:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#



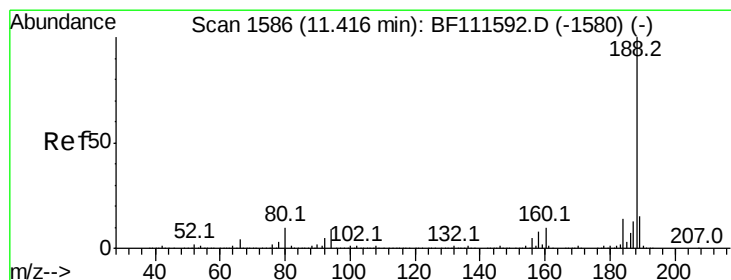
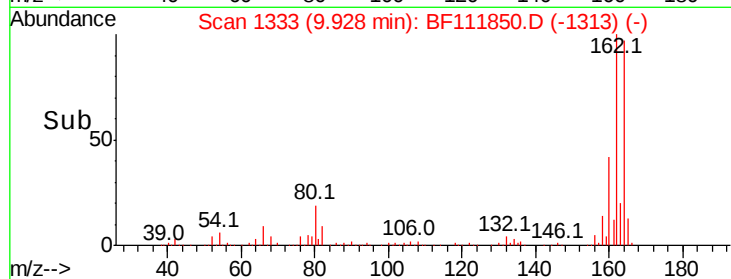
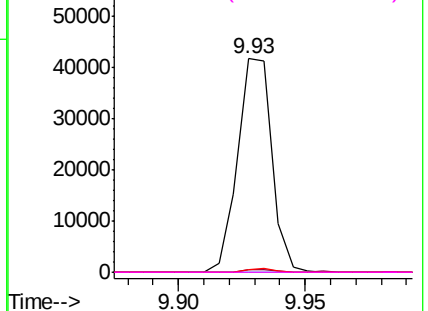
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

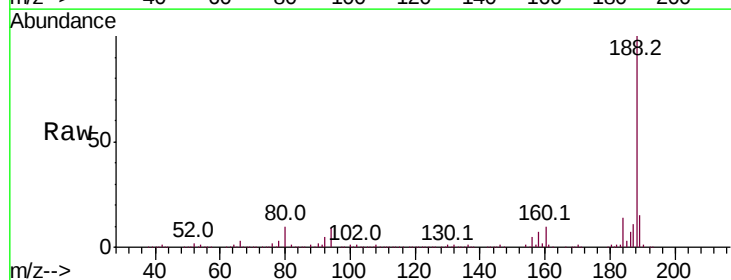
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF111850.D
 Acq: 4 Jan 2019 17:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	9.5	9.8	14.6#

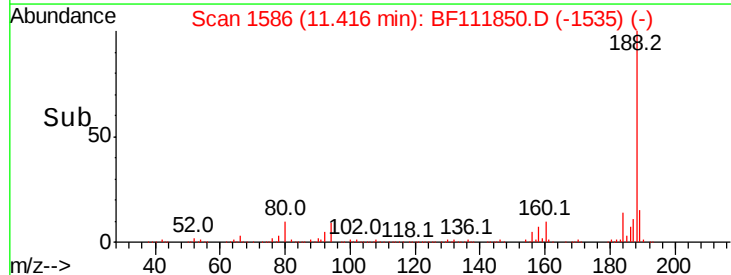
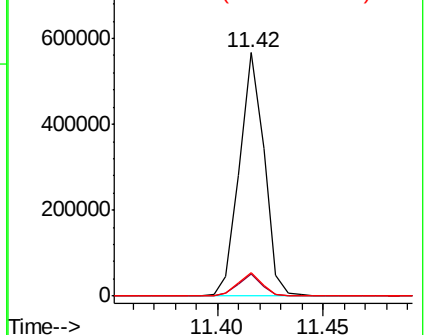


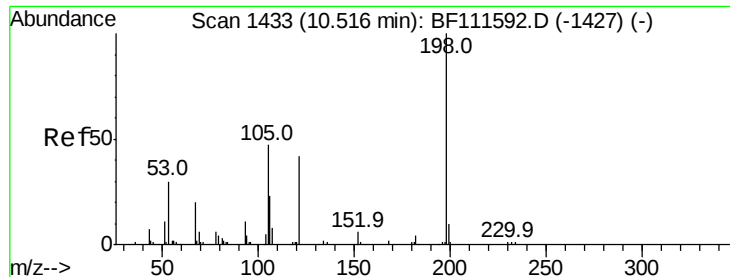
Abundance

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

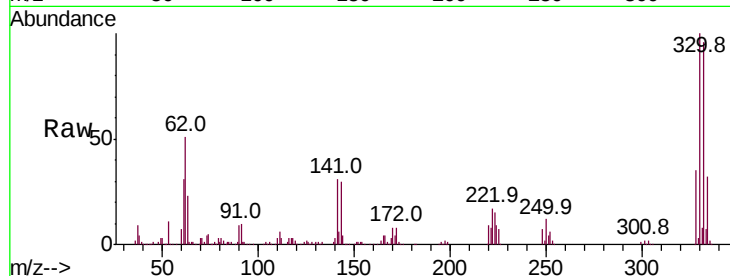




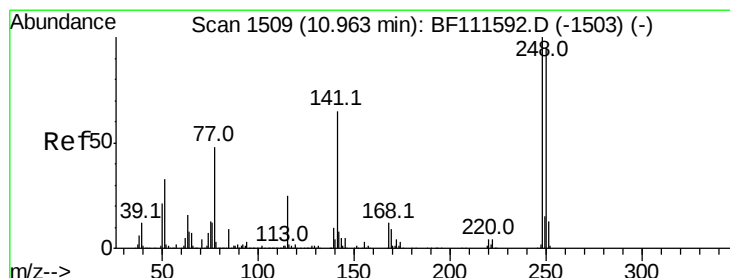
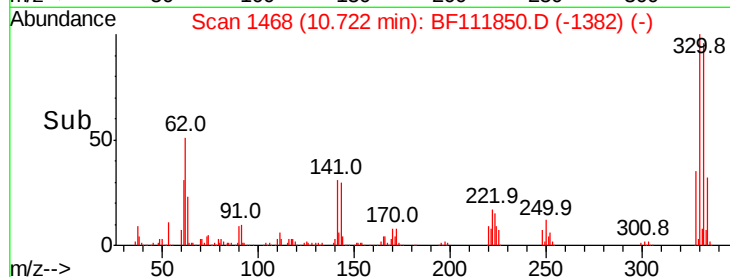
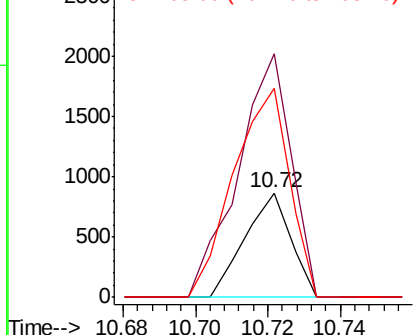
#65
4,6-Dinitro-2-methylphenol
Concen: 7.037 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF111850.D
Acq: 4 Jan 2019 17:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 761
Ion Ratio Lower Upper
198 100
51 232.6 48.0 88.0#
105 200.1 34.0 74.0#

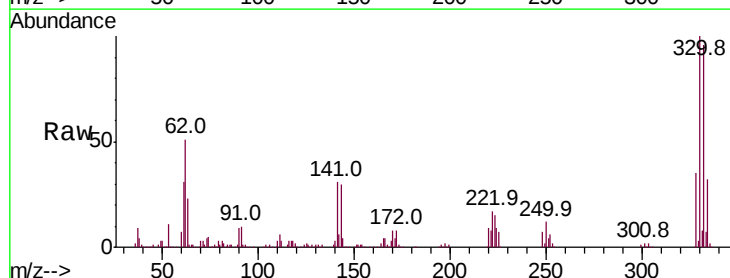


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

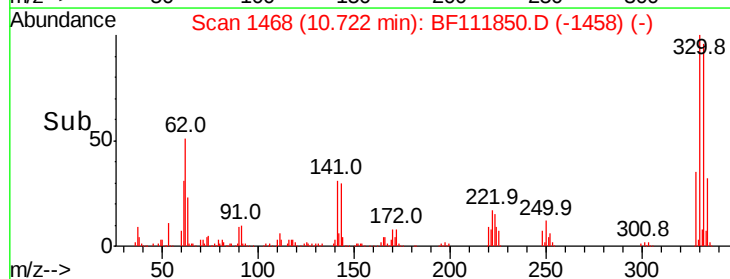
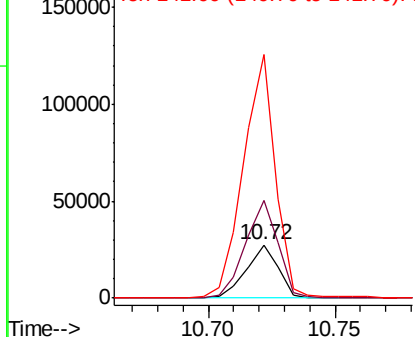


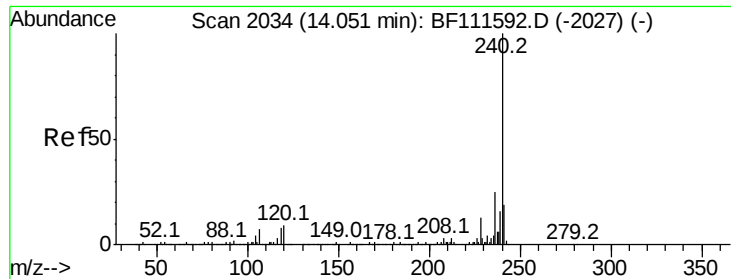
#67
4-Bromophenyl-phenylether
Concen: 4.182 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111850.D
Acq: 4 Jan 2019 17:46

Tgt Ion:248 Resp: 23913
Ion Ratio Lower Upper
248 100
250 183.9 77.0 115.4#
141 460.3 63.0 94.6#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF111850.D

Acq: 4 Jan 2019 17:46

Instrument :

BNA_G

ClientSampleId :

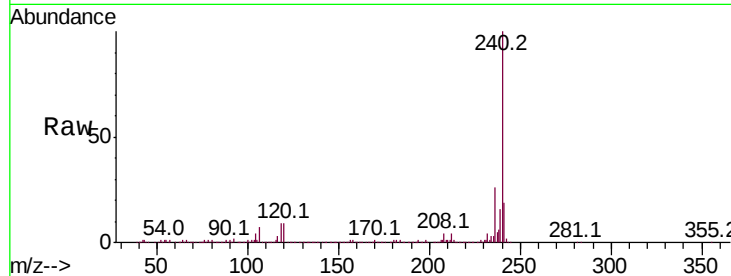
Tot Ion:240 Resp: 449990

Ion Ratio Lower Upper

240 100

120 9.3 12.2 18.2#

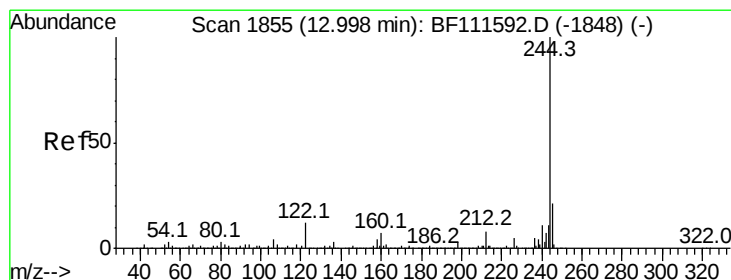
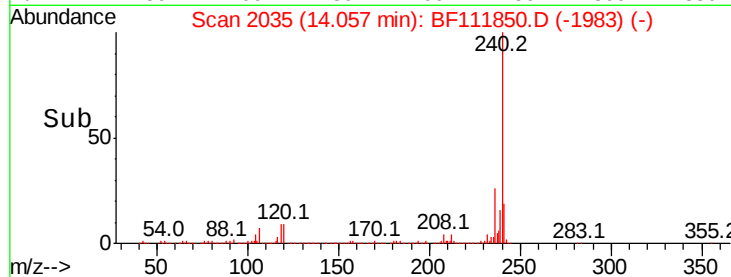
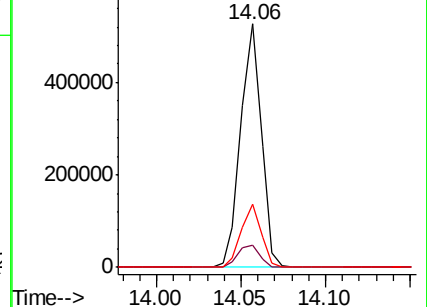
236 25.9 20.2 30.2



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



#79

Terphenyl-d14

Concen: 66.858 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111850.D

Acq: 4 Jan 2019 17:46

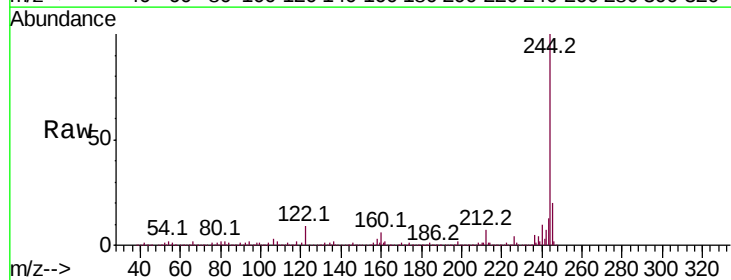
Tgt Ion:244 Resp: 1586436

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

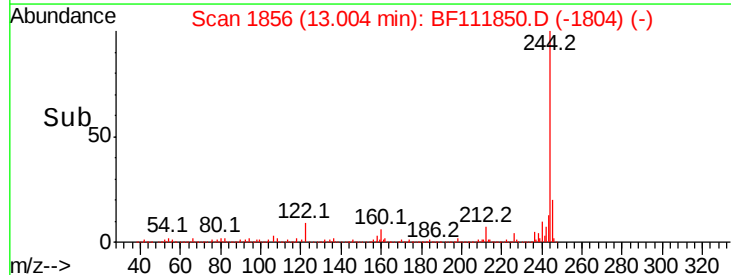
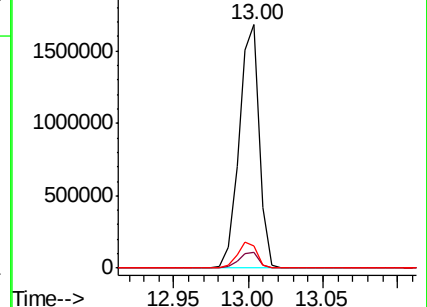
122 9.2 13.1 19.7#

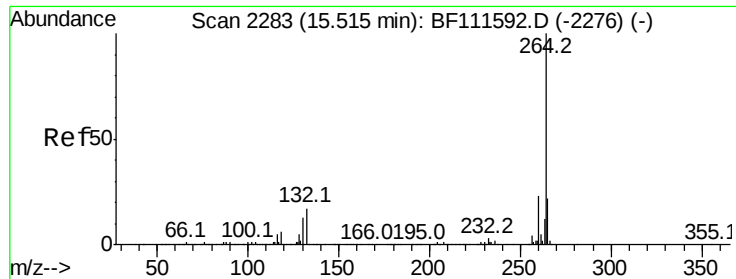


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111850.D
Acq: 4 Jan 2019 17:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	21.8	17.7	26.5

