

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111863.D
 Acq On : 4 Jan 2019 23:41
 Operator : JU/SJ
 Sample : K1034-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 00:43:28 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

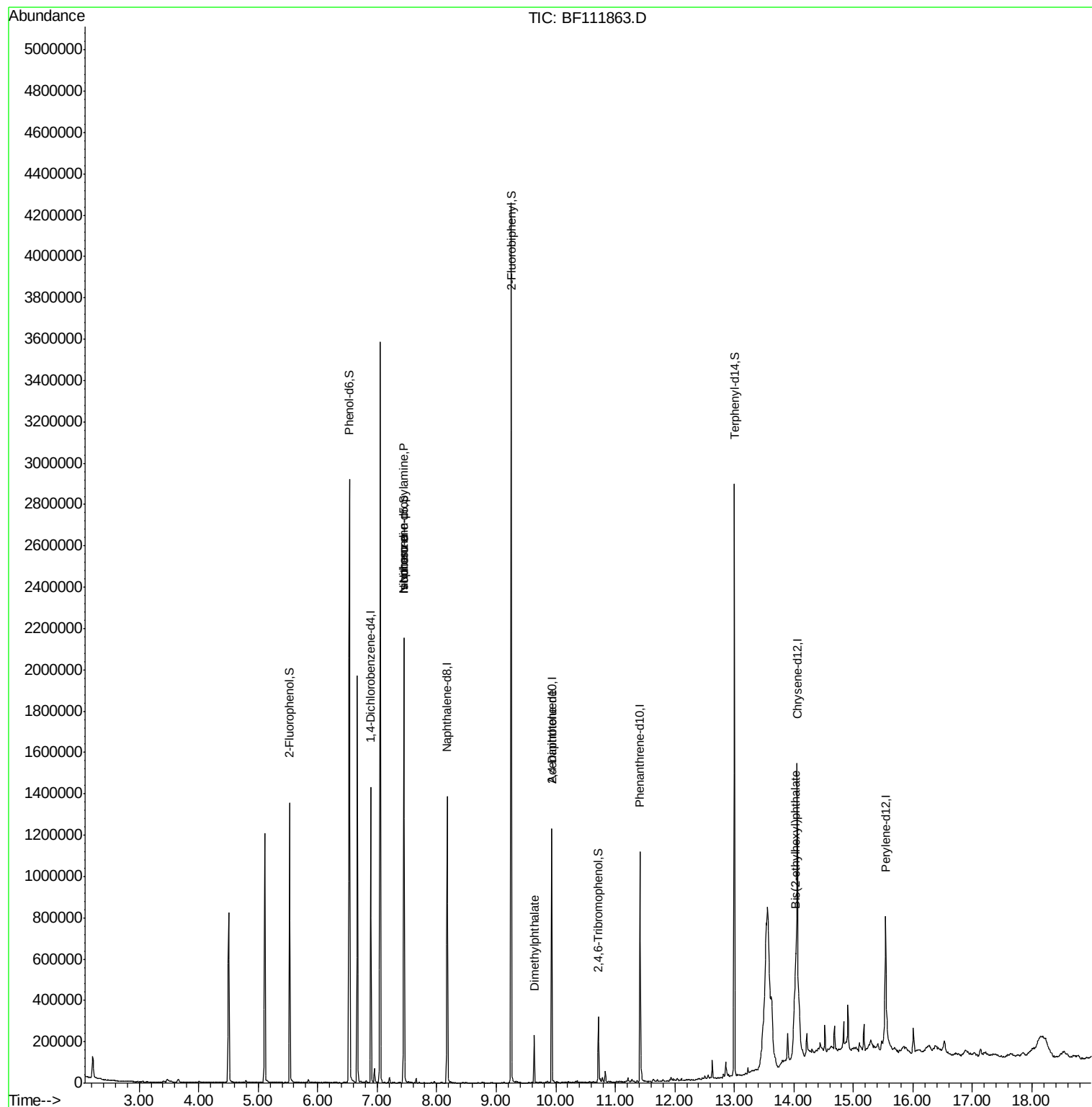
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	189539	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	575631	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	257242	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	377997	20.00	ng	0.00
76) Chrysene-d12	14.06	240	340952	20.00	ng	0.00
87) Perylene-d12	15.54	264	289252	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	337795	30.38	ng	0.01
7) Phenol-d6	6.53	99	912388	64.47	ng	0.01
23) Nitrobenzene-d5	7.45	82	667911	67.54	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	35612	11.72	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1258922	71.33	ng	0.00
79) Terphenyl-d14	13.00	244	994978	55.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	91500	9.736	ng	# 77
25) Isophorone	7.45	82	667906	38.044	ng	# 64
50) Dimethylphthalate	9.64	163	89807	4.774	ng	98
57) 2,4-Dinitrotoluene	9.93	165	32000	7.098	ng	# 25
84) Bis(2-ethylhexyl)phthalate	14.03	149	50416	4.078	ng	# 95

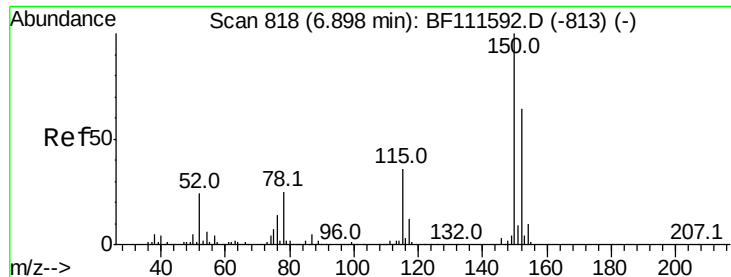
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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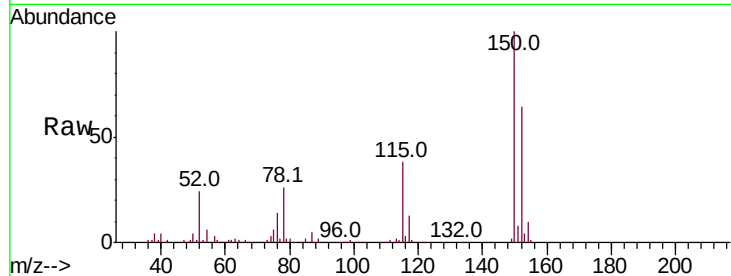


#1

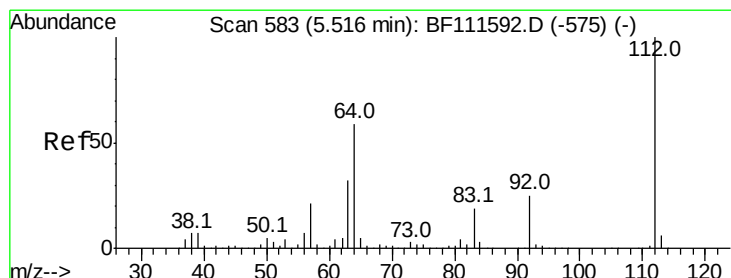
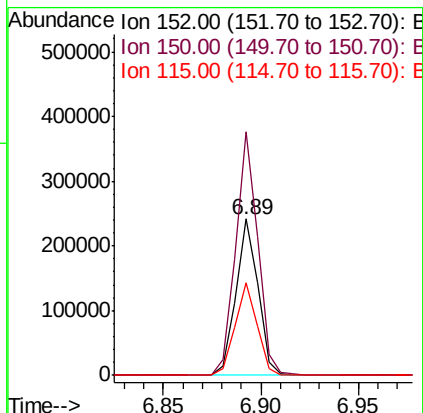
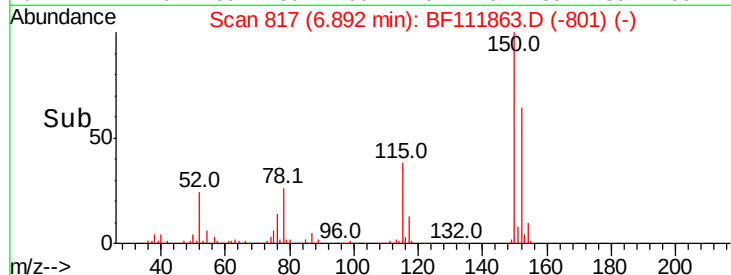
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111863.D
Acq: 4 Jan 2019 23:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	59.2	50.7	76.1



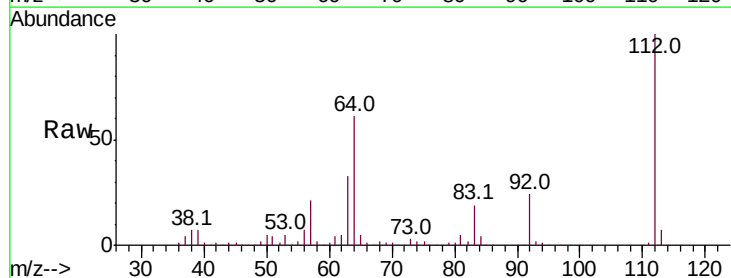
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



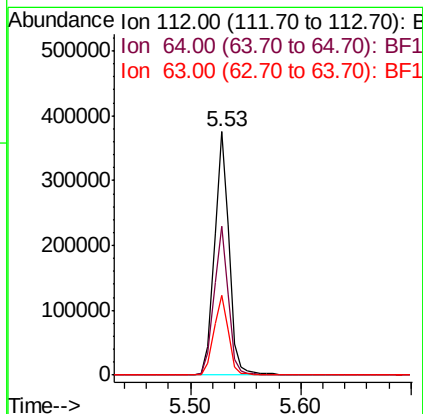
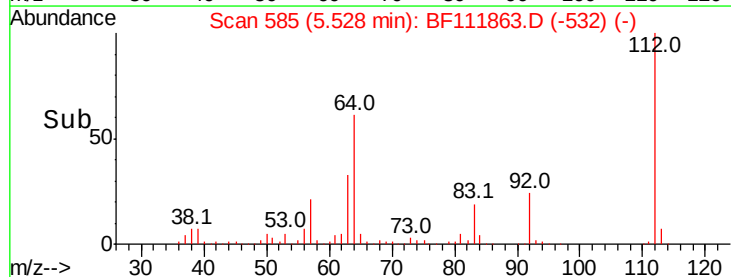
#5

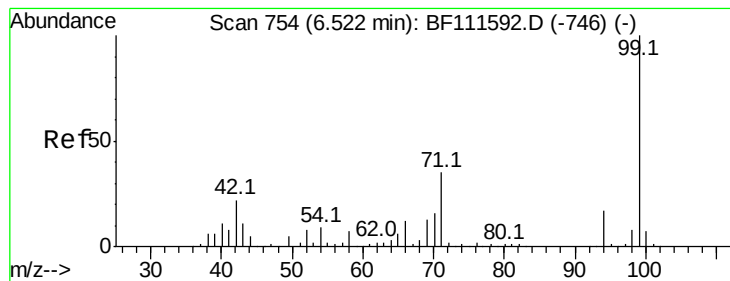
2-Fluorophenol
Concen: 30.378 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111863.D
Acq: 4 Jan 2019 23:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	51.8	77.6
63	32.7	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: 64.473 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111863.D

Acq: 4 Jan 2019 23:41

Instrument :

BNA_G

ClientSampled :

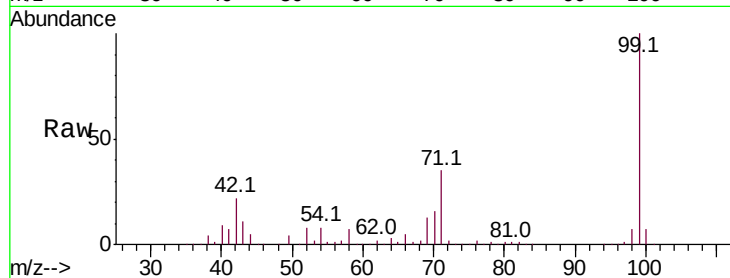
Tot Ion: 99 Resp: 912388

Ion Ratio Lower Upper

99 100

42 21.9 17.4 26.0

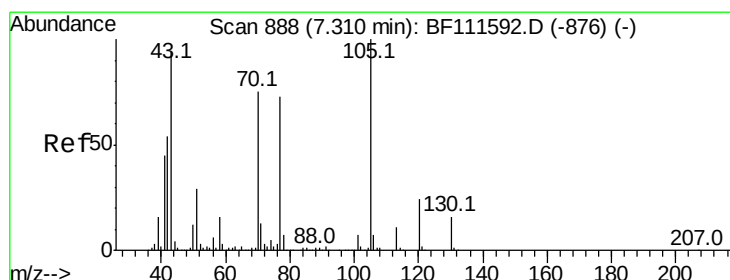
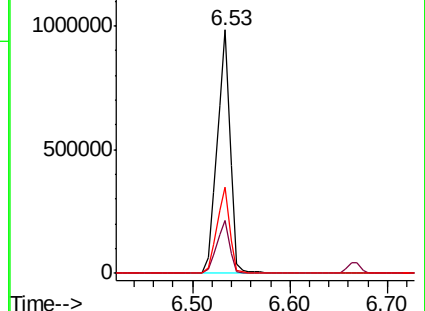
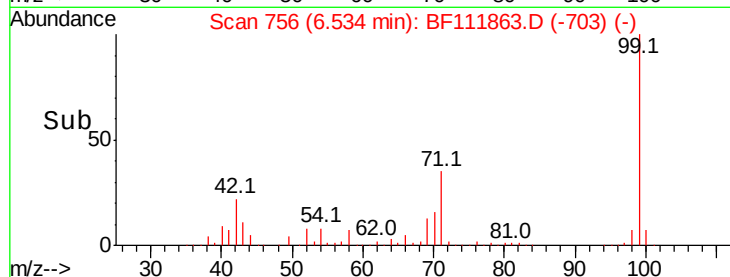
71 35.4 26.1 39.1



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: 9.736 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF111863.D

Acq: 4 Jan 2019 23:41

Tgt Ion: 70 Resp: 91500

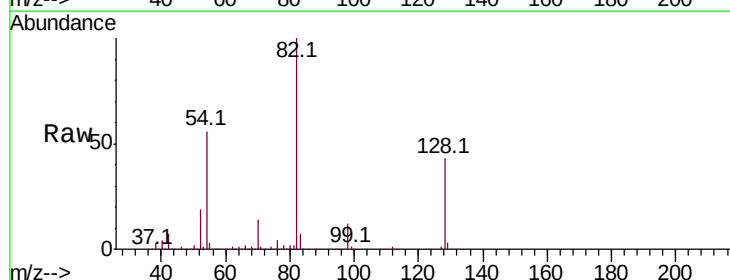
Ion Ratio Lower Upper

70 100

42 54.0 53.2 79.8

101 0.0 8.2 12.4#

130 2.2 18.1 27.1#

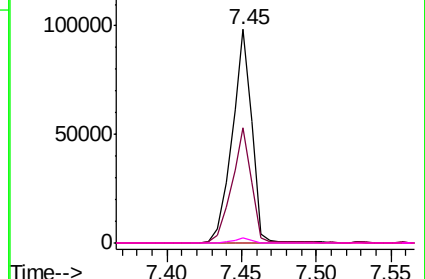
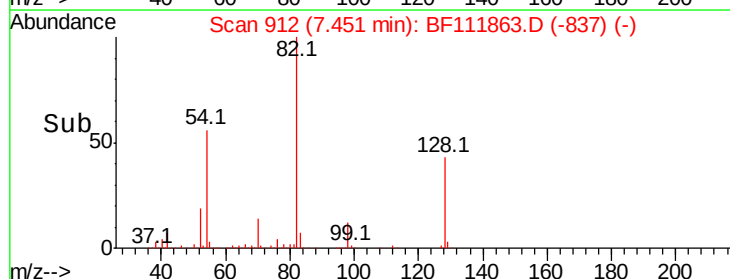


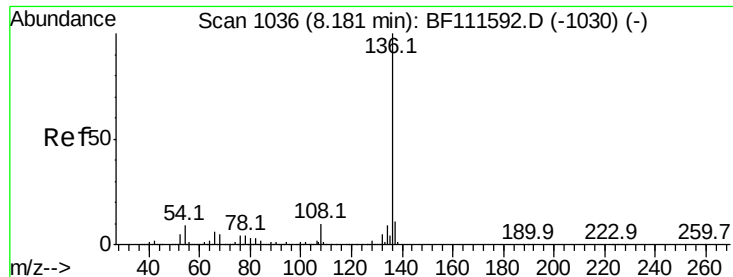
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF111863.D

Acq: 4 Jan 2019 23:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 575631

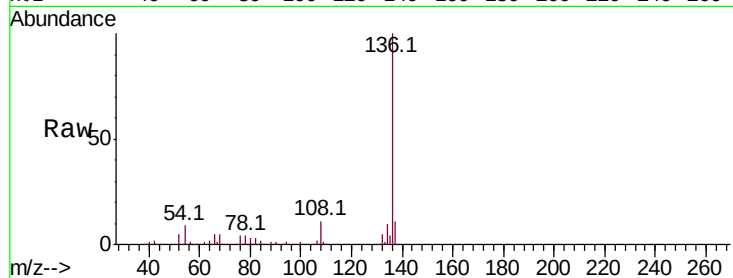
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.8 7.7 11.5

68 5.1 4.9 7.3

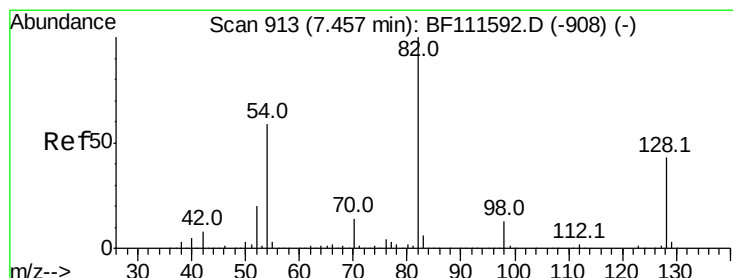
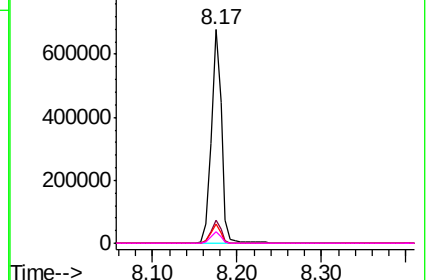
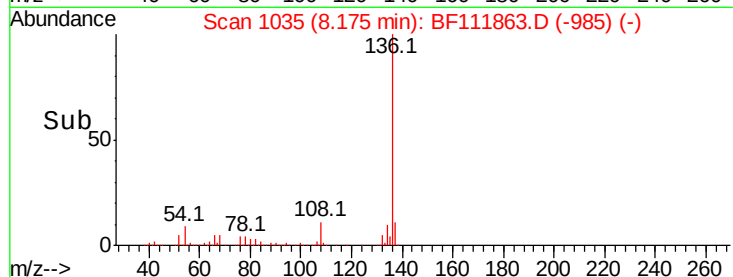


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.539 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111863.D

Acq: 4 Jan 2019 23:41

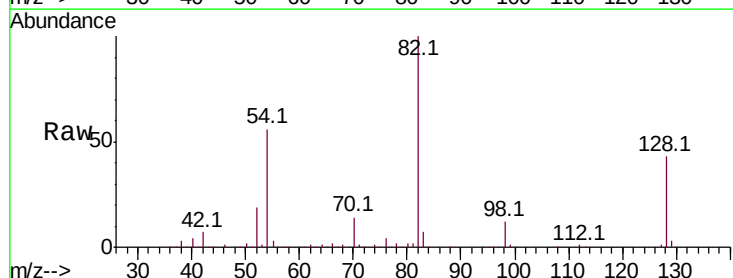
Tgt Ion: 82 Resp: 667911

Ion Ratio Lower Upper

82 100

128 42.7 37.4 56.2

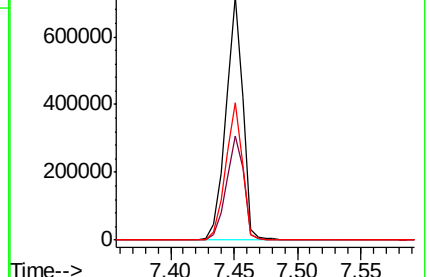
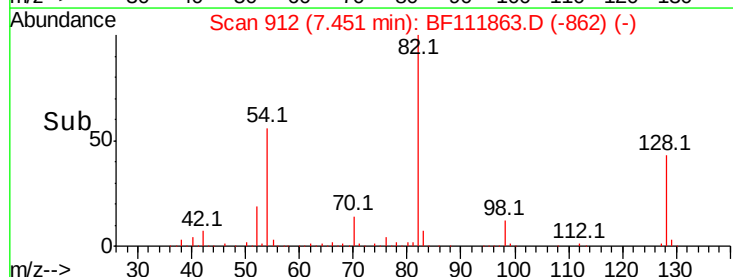
54 56.3 47.6 71.4

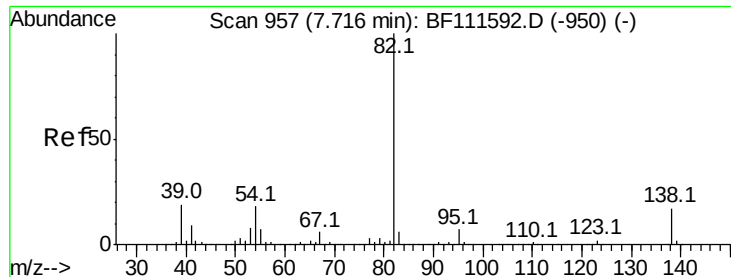


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.044 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF111863.D

Acq: 4 Jan 2019 23:41

Instrument :

BNA_G

ClientSampled :

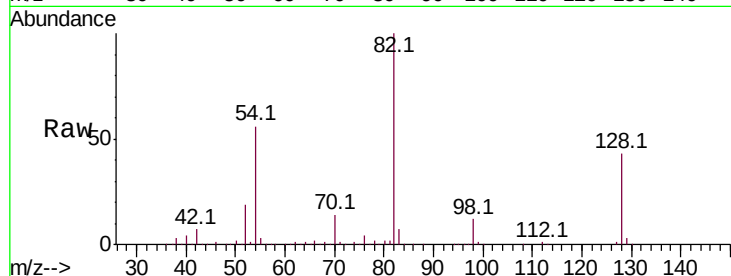
Tot Ion: 82 Resp: 667906

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

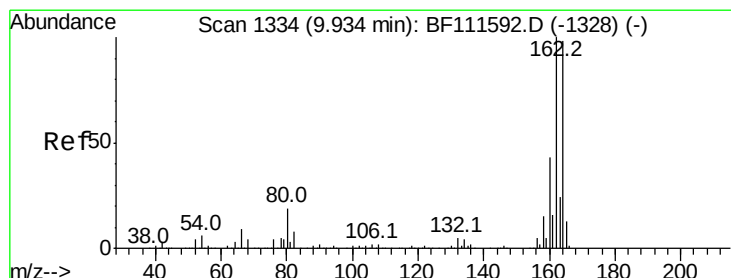
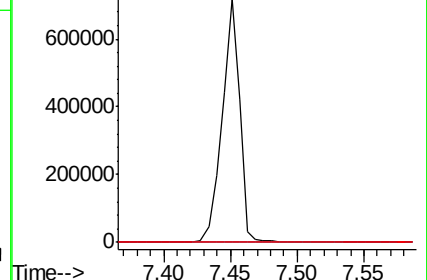
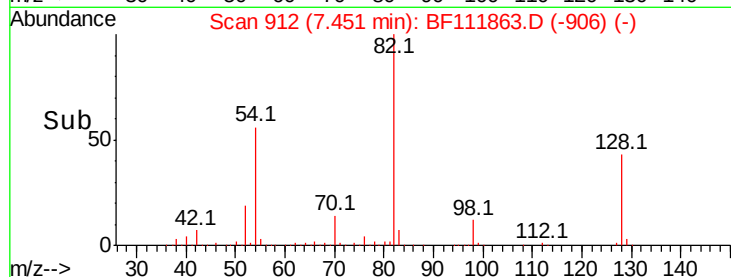
138 0.0 15.1 22.7#



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: BF111863.D

Acq: 4 Jan 2019 23:41

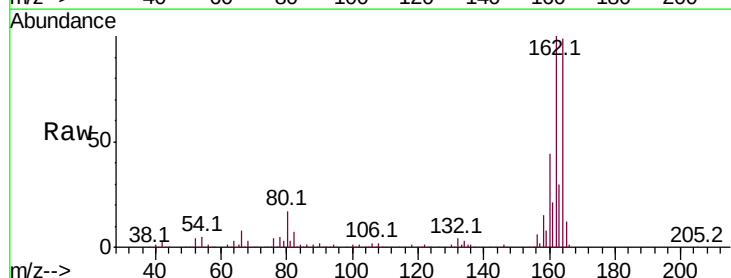
Tgt Ion:164 Resp: 257242

Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.0

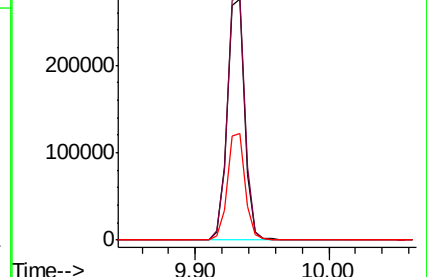
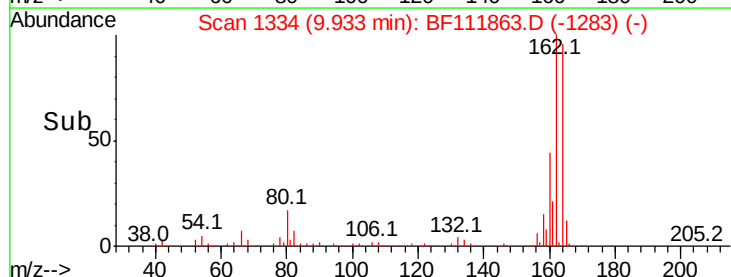
160 44.5 35.7 53.5

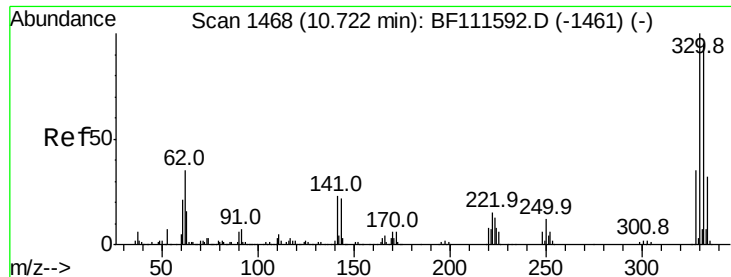


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

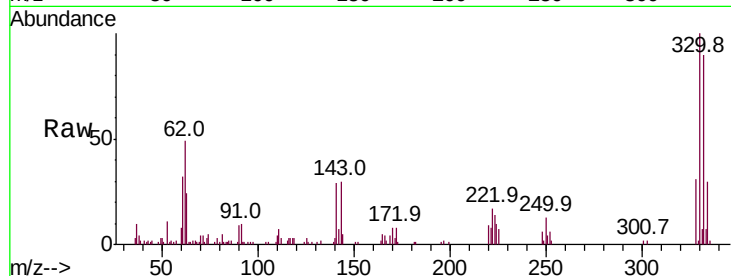




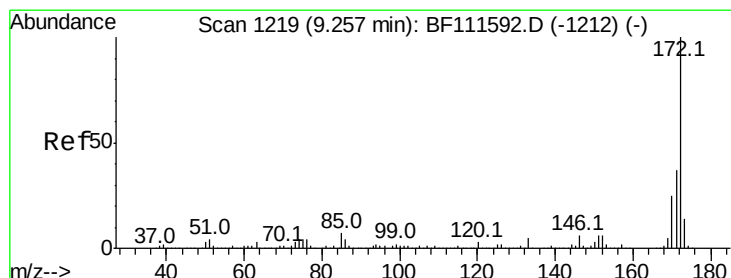
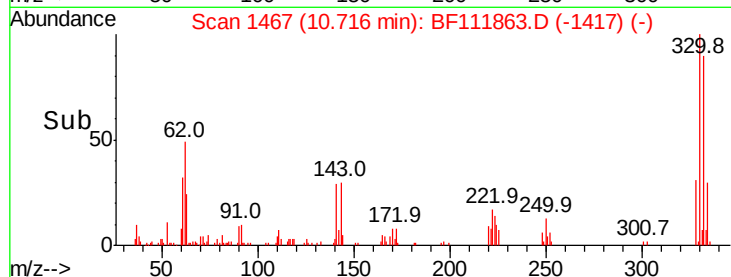
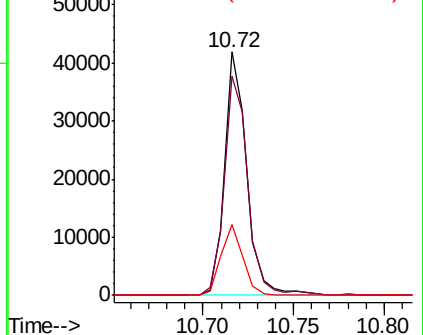
#42
 2,4,6-Tribromophenol
 Concen: 11.716 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111863.D
 Acq: 4 Jan 2019 23:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 35612
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.0 114.0
 141 28.3 31.0 46.6#

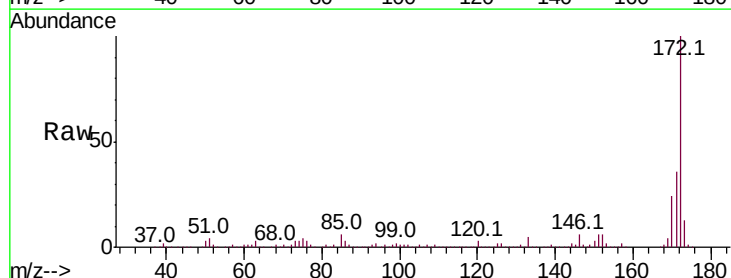


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

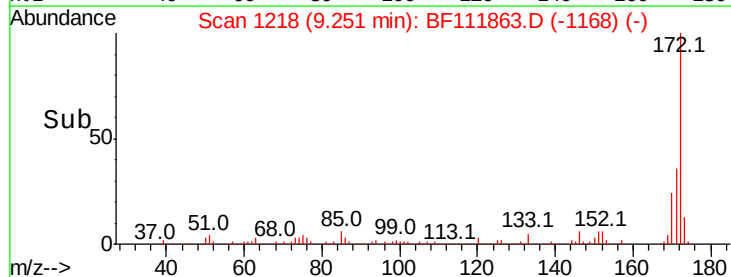
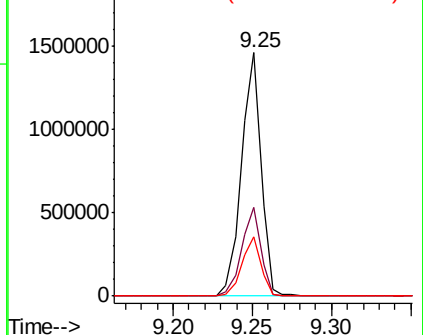


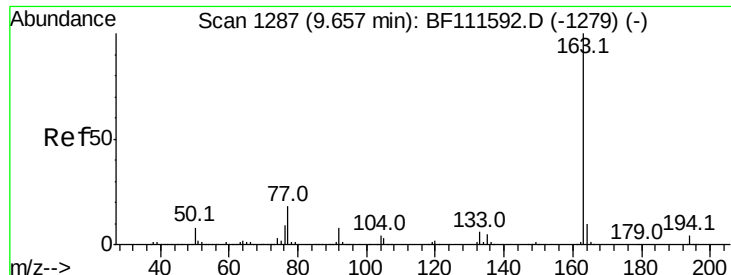
#45
 2-Fluorobiphenyl
 Concen: 71.333 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111863.D
 Acq: 4 Jan 2019 23:41

Tgt Ion:172 Resp: 1258922
 Ion Ratio Lower Upper
 172 100
 171 36.2 33.0 49.4
 170 24.2 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

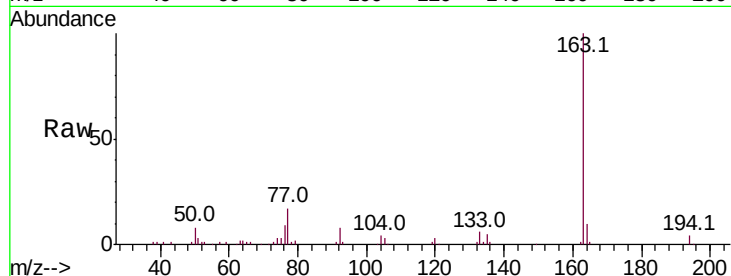




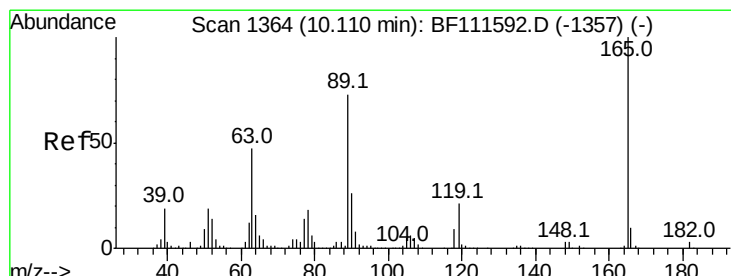
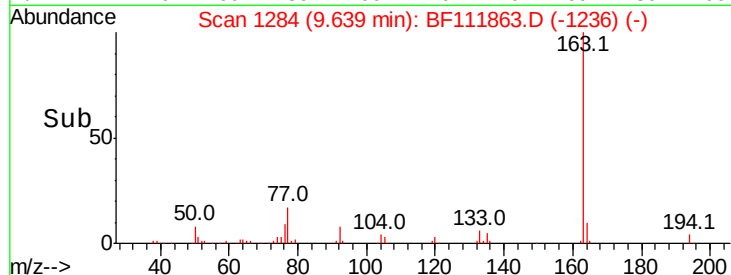
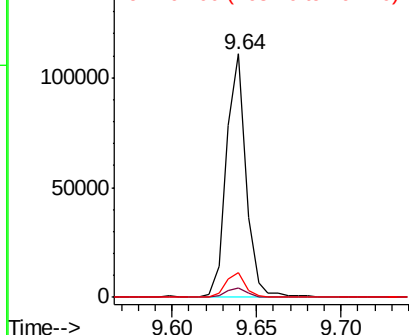
#50
Dimethylphthalate
Concen: 4.774 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111863.D
Acq: 4 Jan 2019 23:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.0	8.9	13.3

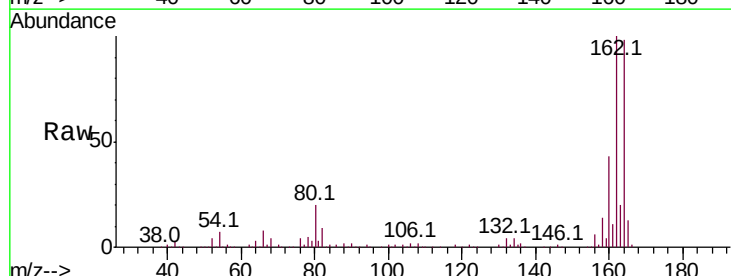


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

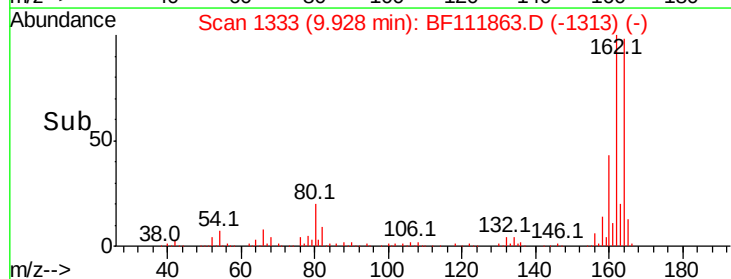
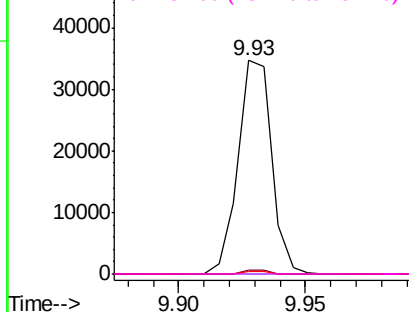


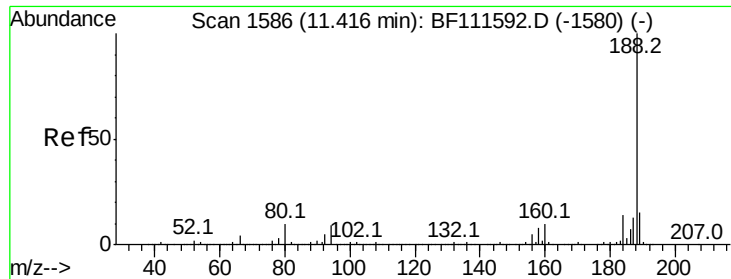
#57
2,4-Dinitrotoluene
Concen: 7.098 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF111863.D
Acq: 4 Jan 2019 23:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.4	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: BF111863.D

Acq: 4 Jan 2019 23:41

Instrument :

BNA_G

ClientSampleId :

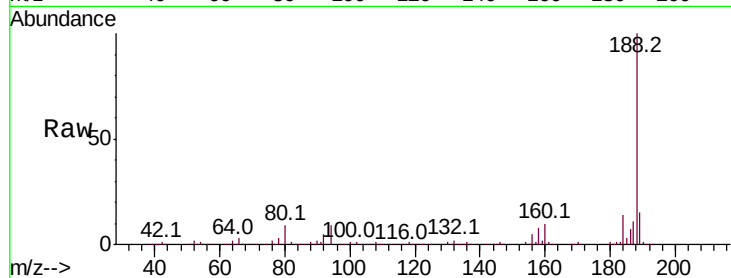
Tot Ion:188 Resp: 377997

Ion Ratio Lower Upper

188 100

94 9.2 9.6 14.4#

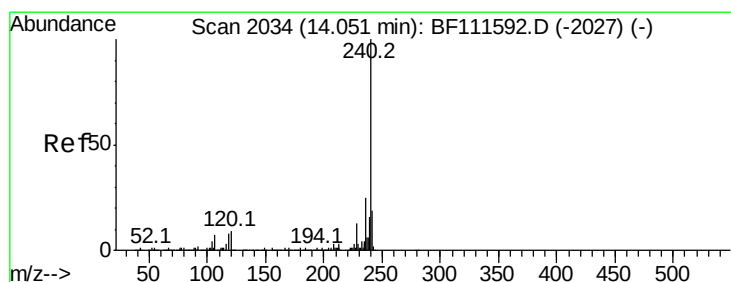
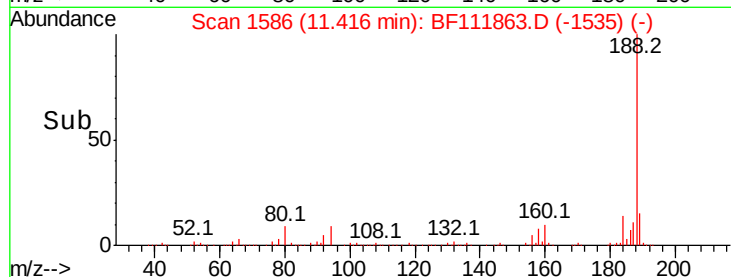
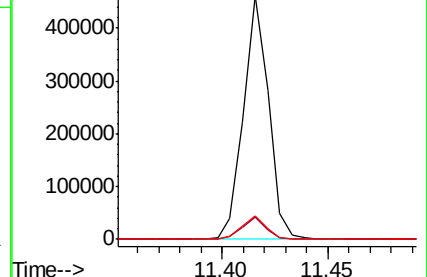
80 9.4 9.8 14.6#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF111863.D

Acq: 4 Jan 2019 23:41

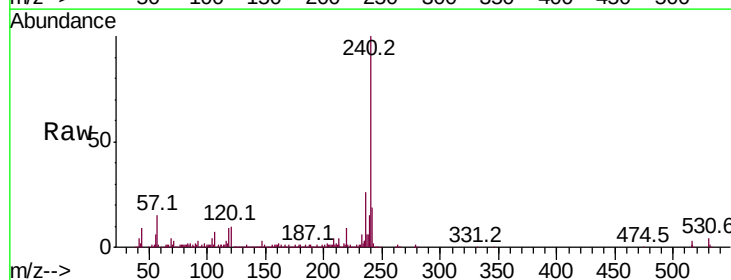
Tgt Ion:240 Resp: 340952

Ion Ratio Lower Upper

240 100

120 9.9 12.2 18.2#

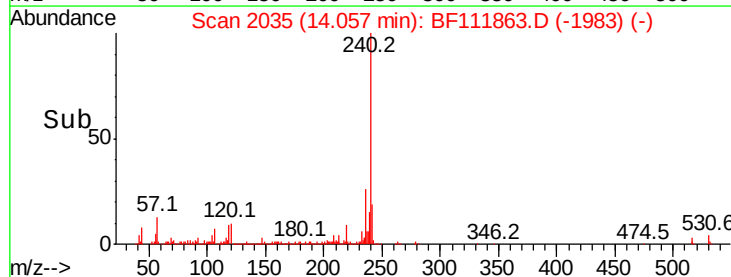
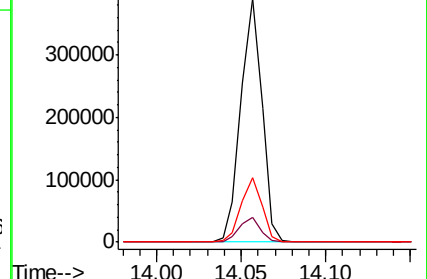
236 26.4 20.2 30.2

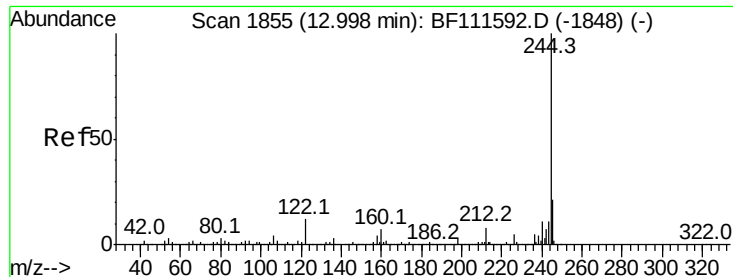


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 55.342 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111863.D

Acq: 4 Jan 2019 23:41

Instrument :

BNA_G

ClientSampleId :

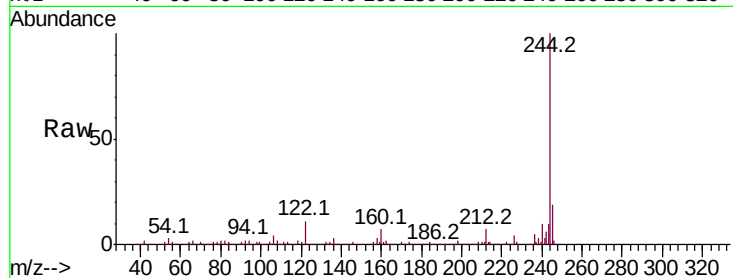
Tot Ion:244 Resp: 994978

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

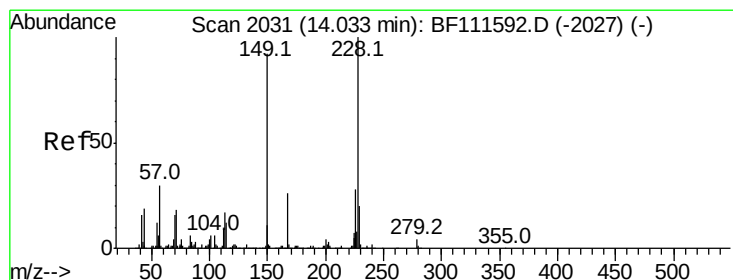
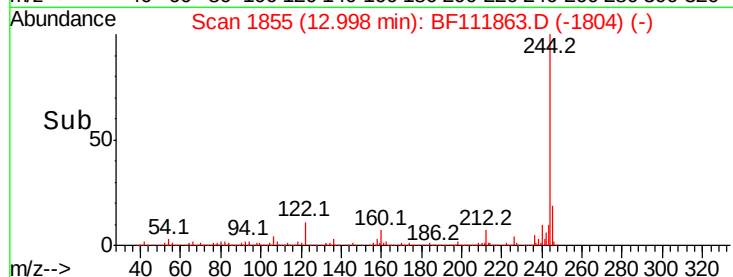
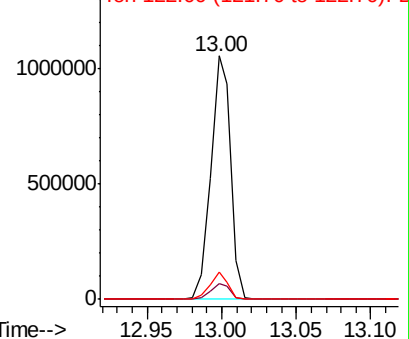
122 11.2 13.1 19.7#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.078 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111863.D

Acq: 4 Jan 2019 23:41

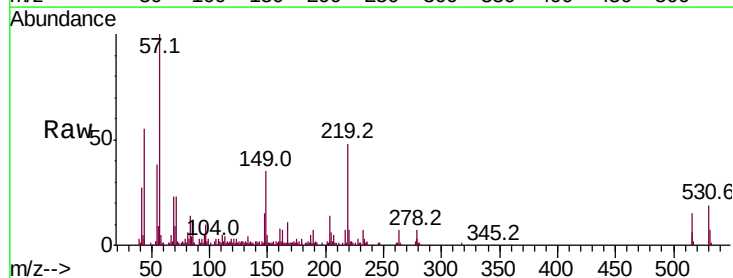
Tgt Ion:149 Resp: 50416

Ion Ratio Lower Upper

149 100

167 30.1 22.5 33.7

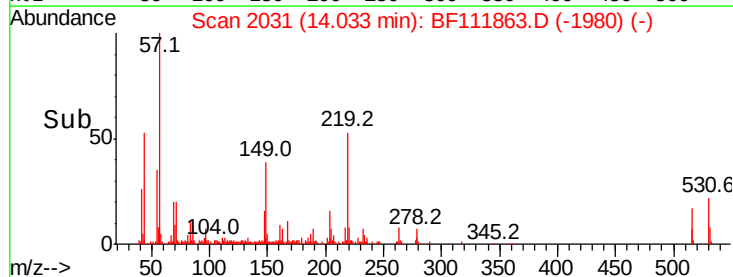
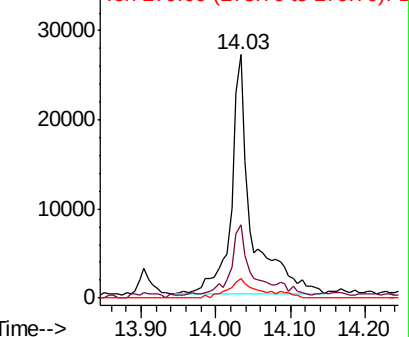
279 8.3 2.6 4.0#

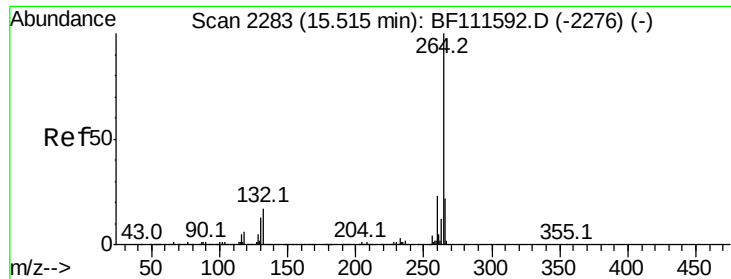


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111863.D
Acq: 4 Jan 2019 23:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.3	17.7	26.5

