

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111859.D
 Acq On : 4 Jan 2019 21:51
 Operator : JU/SJ
 Sample : K1036-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 23:33:12 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

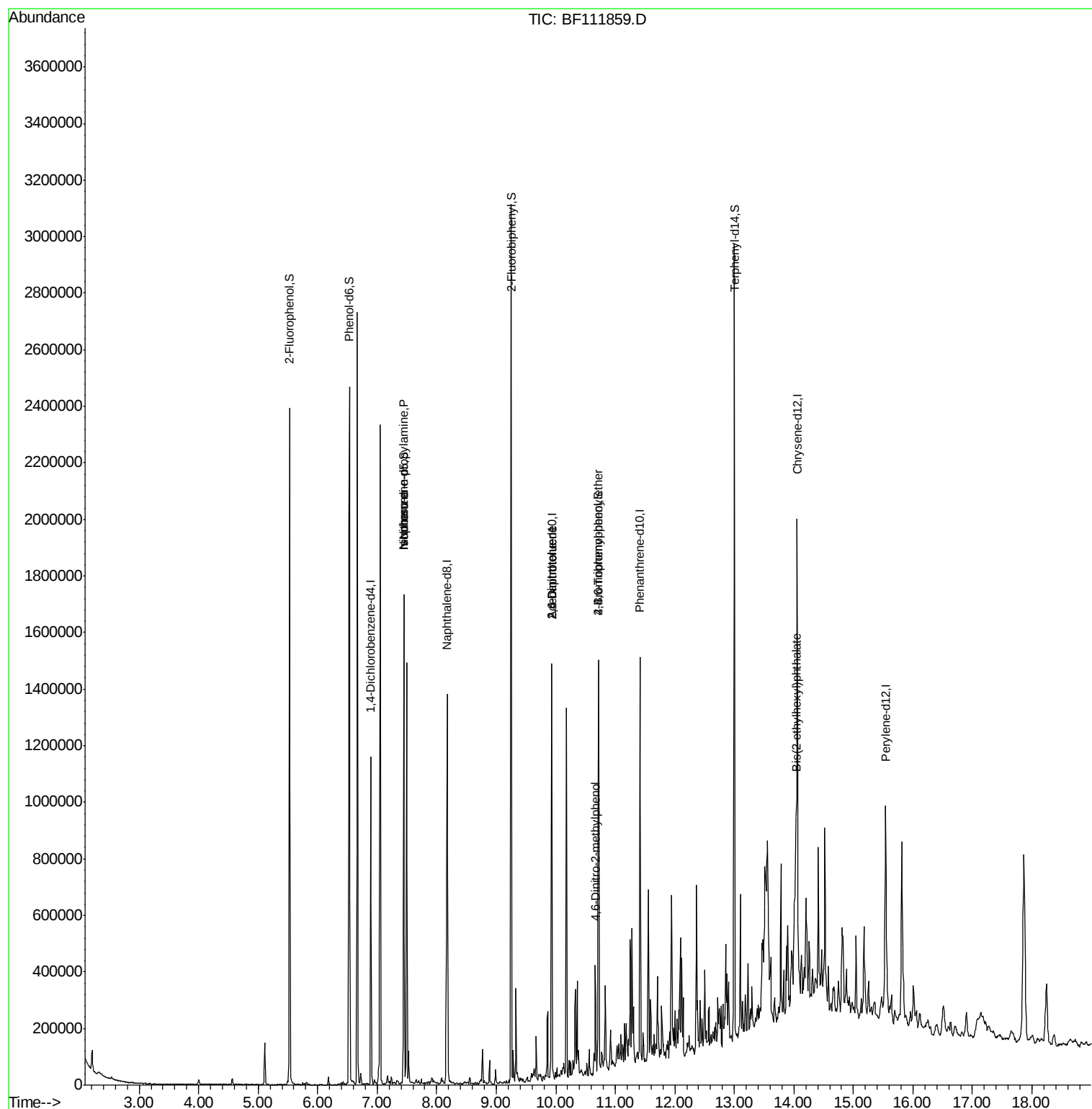
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	152378	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	561572	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	257532	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	473524	20.00	ng	0.00
76) Chrysene-d12	14.06	240	458583	20.00	ng	0.00
87) Perylene-d12	15.54	264	292287	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	595020	66.56	ng	0.01
7) Phenol-d6	6.53	99	775459	68.16	ng	0.01
23) Nitrobenzene-d5	7.45	82	506306	52.48	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	188631	61.99	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	990890	56.08	ng	0.00
79) Terphenyl-d14	13.00	244	936364	38.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	67831	8.978	ng	# 75
25) Isophorone	7.45	82	506293	29.560	ng	# 64
51) 2,6-Dinitrotoluene	9.93	165	32147	8.561	ng	# 31
57) 2,4-Dinitrotoluene	9.93	165	32147	7.123	ng	# 26
65) 4,6-Dinitro-2-methylphenol	10.66	198	519	6.921	ng	# 62
67) 4-Bromophenyl-phenylether	10.72	248	11777	2.005	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.03	149	47203	2.839	ng	# 95

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

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Response via : Initial Calibration



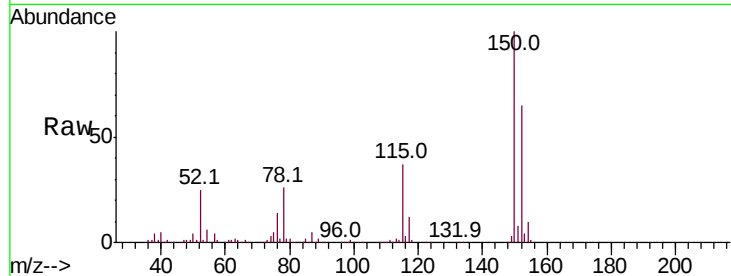


#1

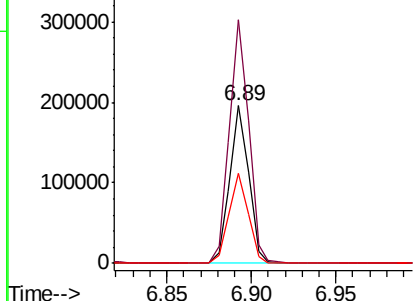
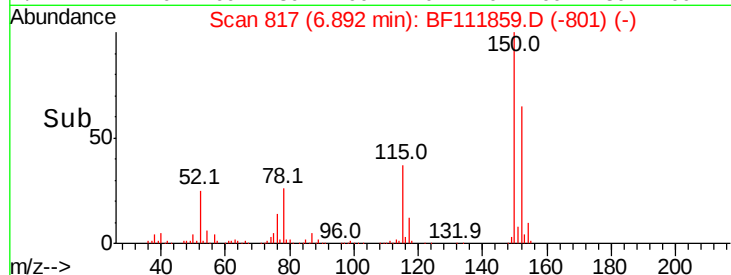
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111859.D
Acq: 4 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 152378
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 57.1 50.7 76.1



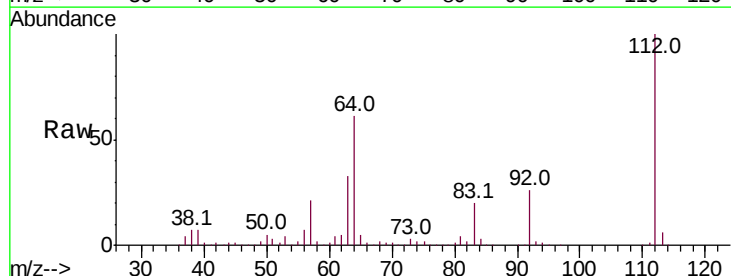
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



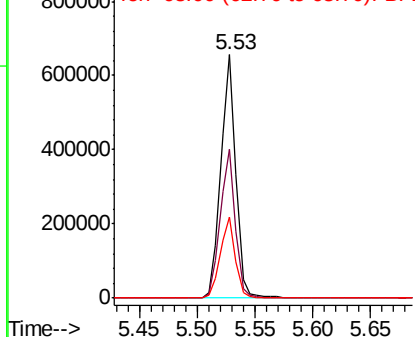
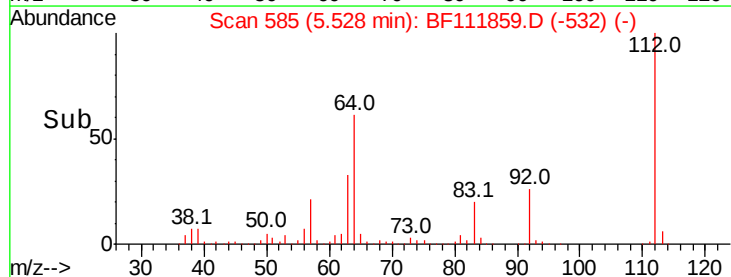
#5

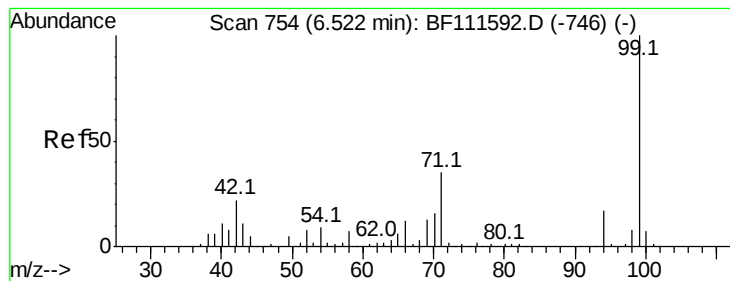
2-Fluorophenol
Concen: 66.560 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111859.D
Acq: 4 Jan 2019 21:51

Tgt Ion:112 Resp: 595020
Ion Ratio Lower Upper
112 100
64 60.9 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: 68.161 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111859.D

Acq: 4 Jan 2019 21:51

Instrument :

BNA_G

ClientSampled :

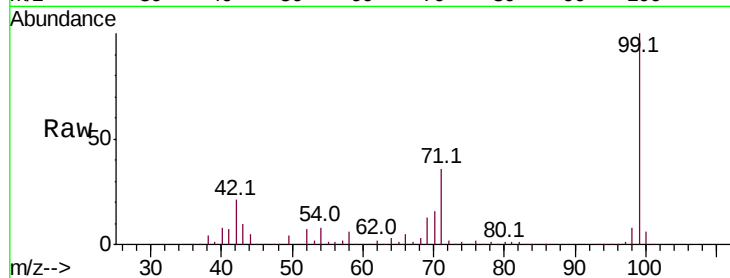
Tot Ion: 99 Resp: 775459

Ion Ratio Lower Upper

99 100

42 21.0 17.4 26.0

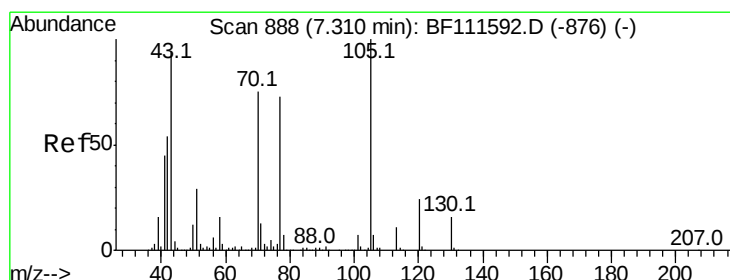
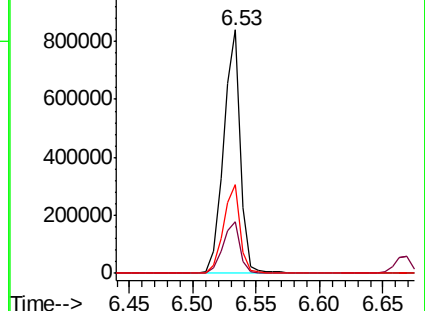
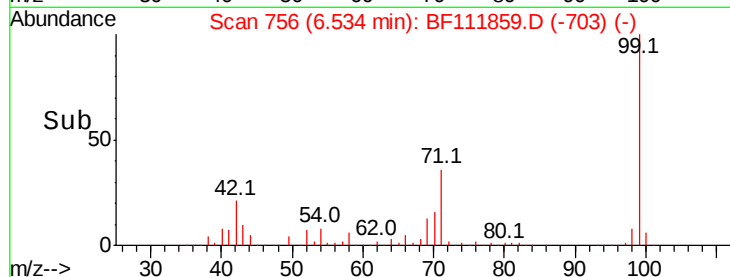
71 36.4 26.1 39.1



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: 8.978 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF111859.D

Acq: 4 Jan 2019 21:51

Tgt Ion: 70 Resp: 67831

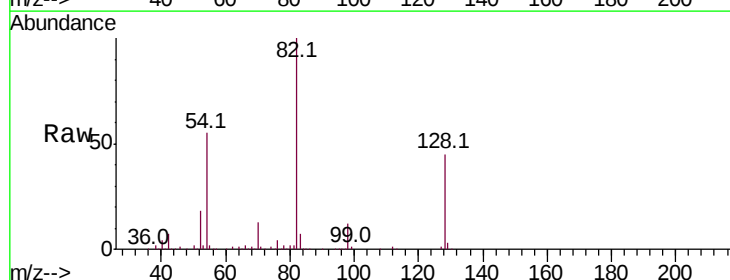
Ion Ratio Lower Upper

70 100

42 51.4 53.2 79.8#

101 0.0 8.2 12.4#

130 1.8 18.1 27.1#

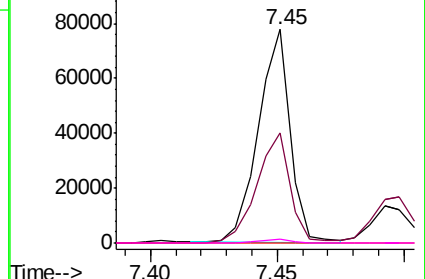
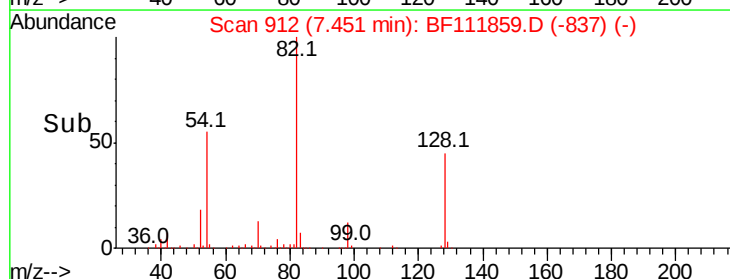


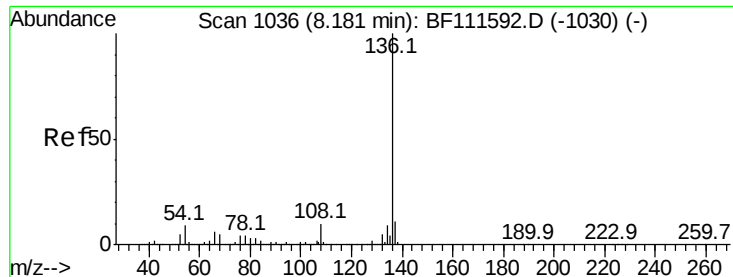
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF111859.D

Acq: 4 Jan 2019 21:51

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 561572

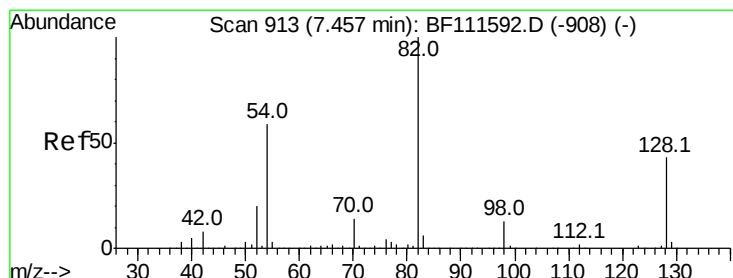
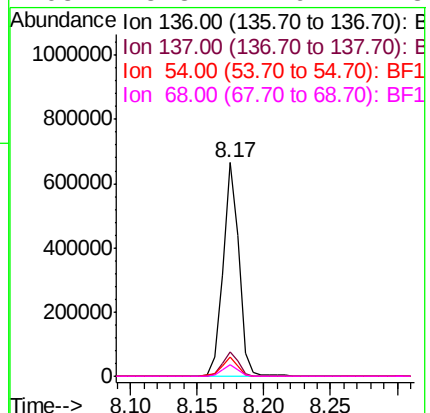
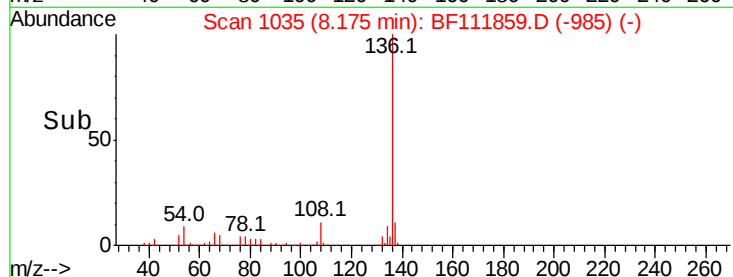
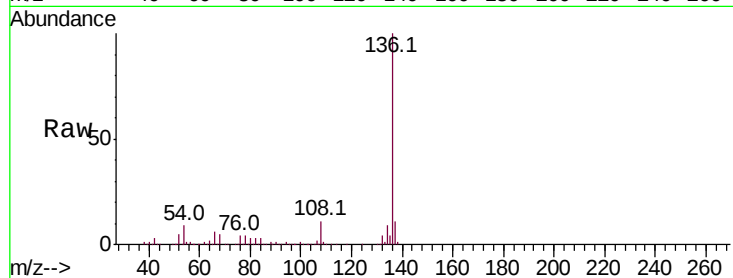
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.8 7.7 11.5

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 52.479 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111859.D

Acq: 4 Jan 2019 21:51

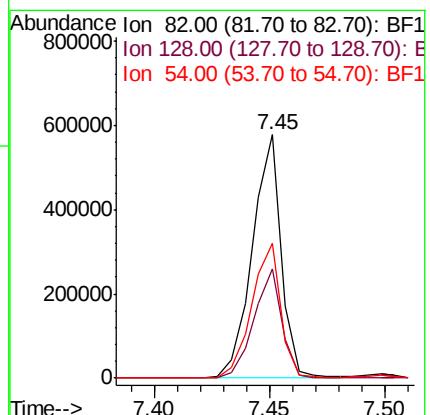
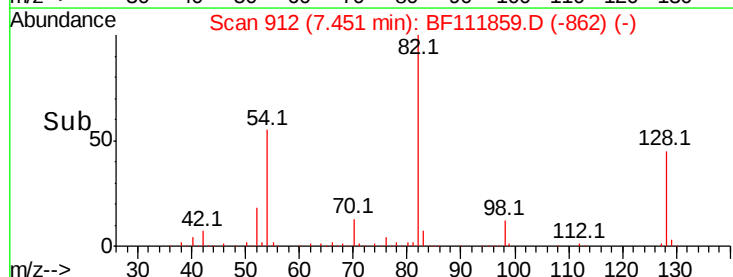
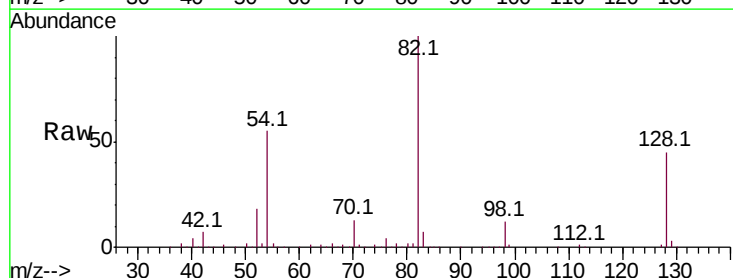
Tgt Ion: 82 Resp: 506306

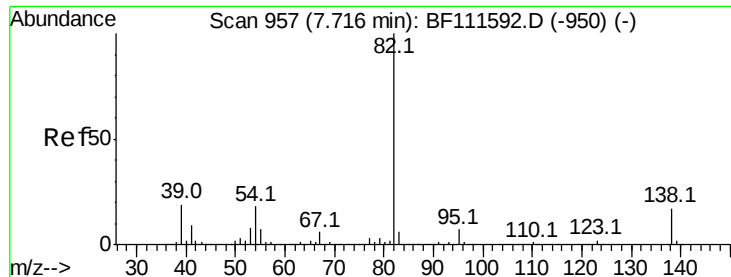
Ion Ratio Lower Upper

82 100

128 44.6 37.4 56.2

54 55.3 47.6 71.4





#25

Isophorone

Concen: 29.560 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF111859.D

Acq: 4 Jan 2019 21:51

Instrument :

BNA_G

ClientSampleId :

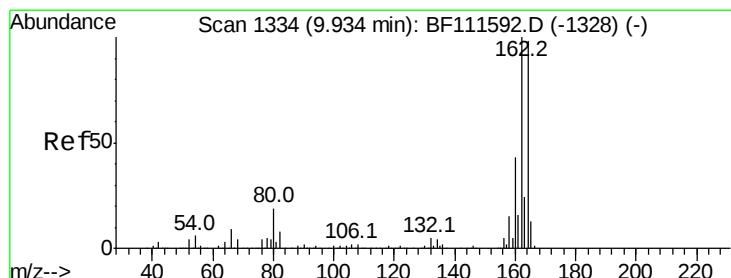
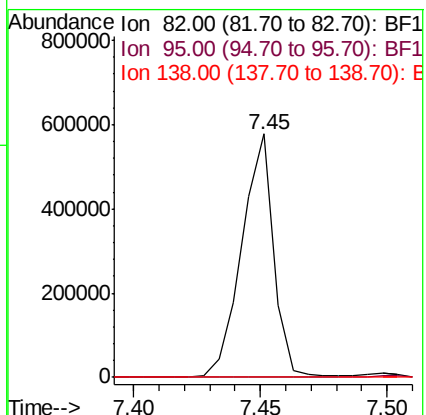
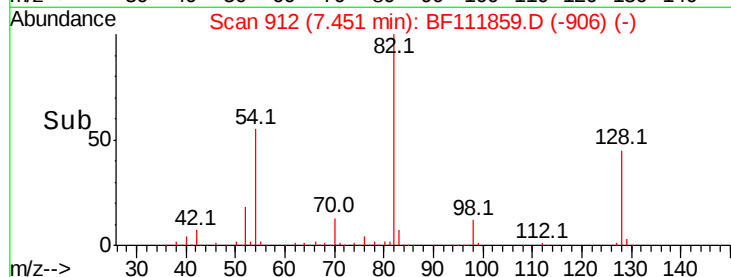
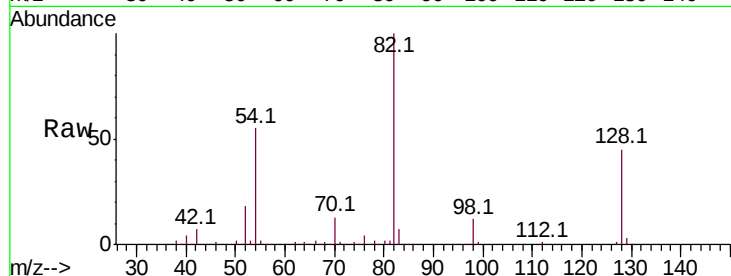
Tot Ion: 82 Resp: 506293

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

138 0.0 15.1 22.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111859.D

Acq: 4 Jan 2019 21:51

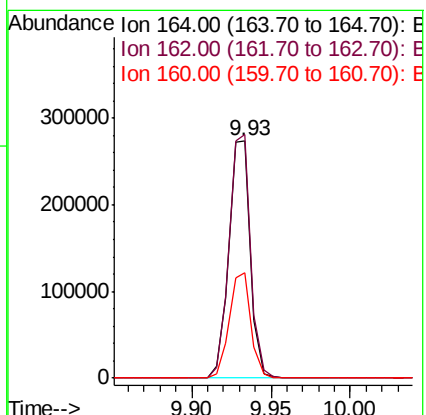
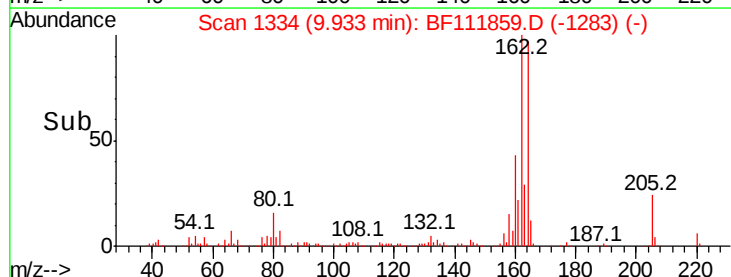
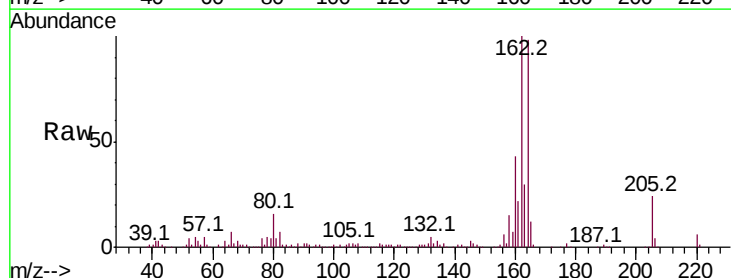
Tgt Ion:164 Resp: 257532

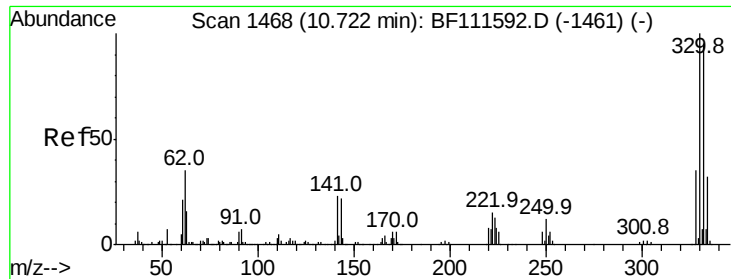
Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

160 44.6 35.7 53.5

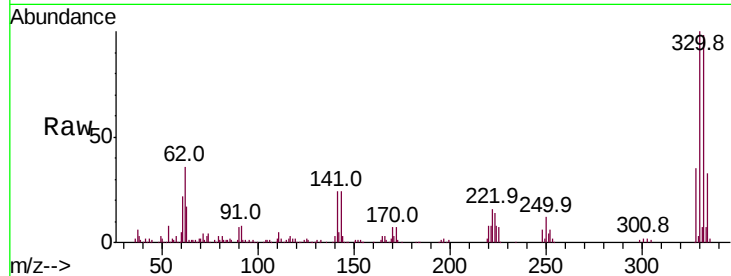




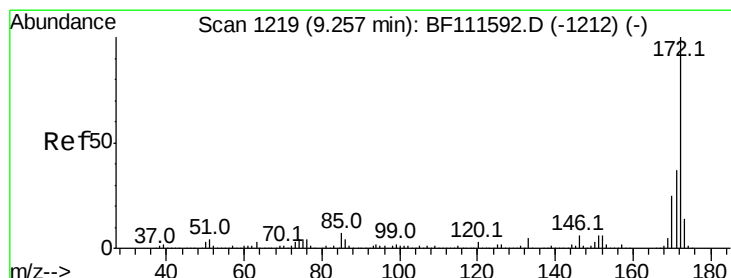
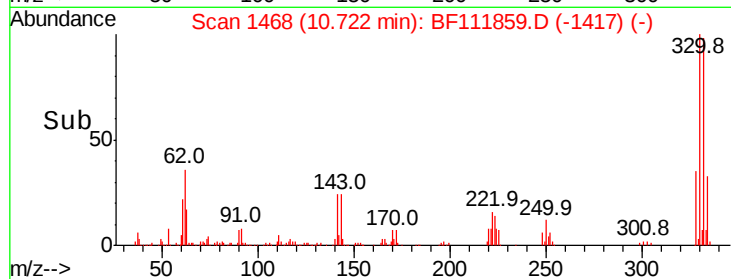
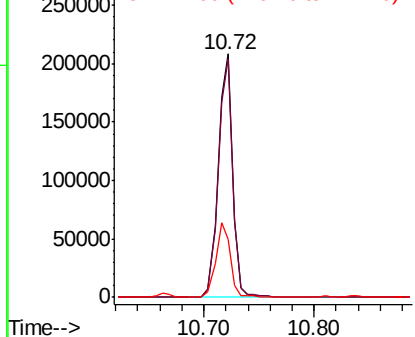
#42
 2,4,6-Tribromophenol
 Concen: 61.990 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111859.D
 Acq: 4 Jan 2019 21:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.0	114.0
141	30.5	31.0	46.6#

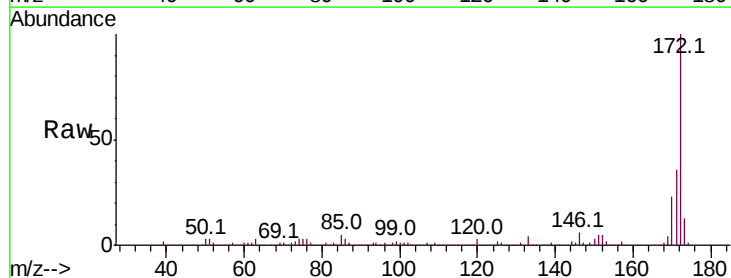


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

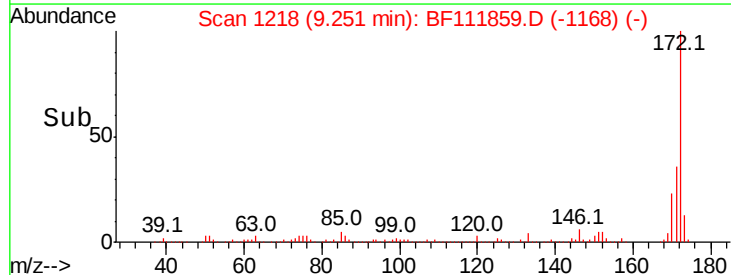
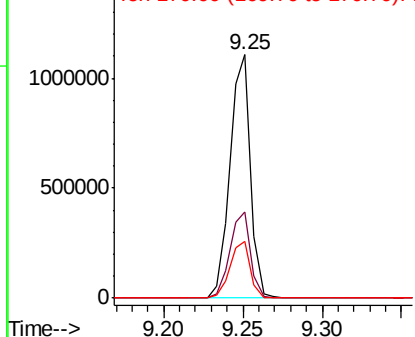


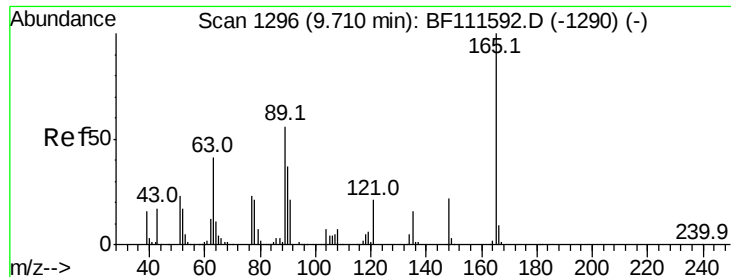
#45
 2-Fluorobiphenyl
 Concen: 56.082 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111859.D
 Acq: 4 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	33.0	49.4
170	23.2	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





#51

2,6-Dinitrotoluene

Concen: 8.561 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.22 min

Lab File: BF111859.D

Acq: 4 Jan 2019 21:51

Instrument :

BNA_G

ClientSampleId :

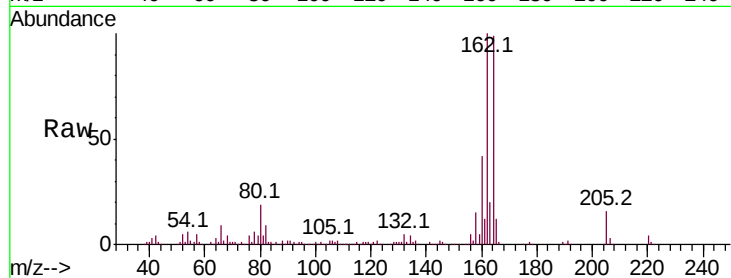
Tot Ion:165 Resp: 32147

Ion Ratio Lower Upper

165 100

63 2.6 40.5 60.7#

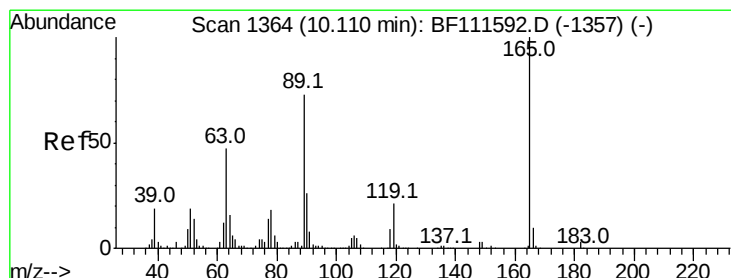
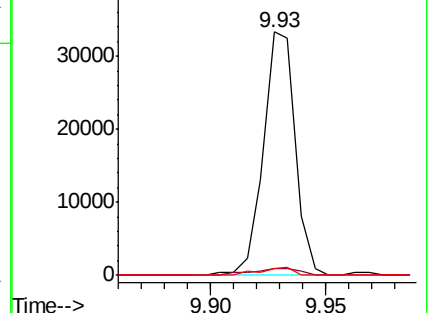
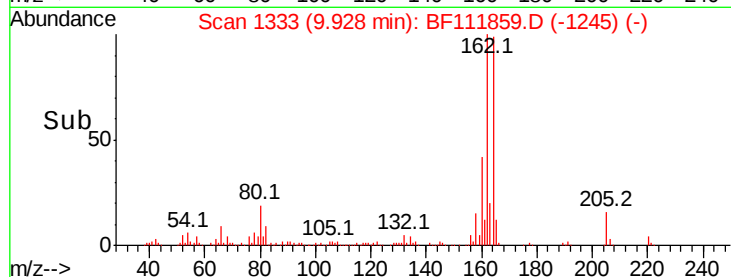
89 3.0 40.0 60.0#



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: 7.123 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.18 min

Lab File: BF111859.D

Acq: 4 Jan 2019 21:51

Tgt Ion:165 Resp: 32147

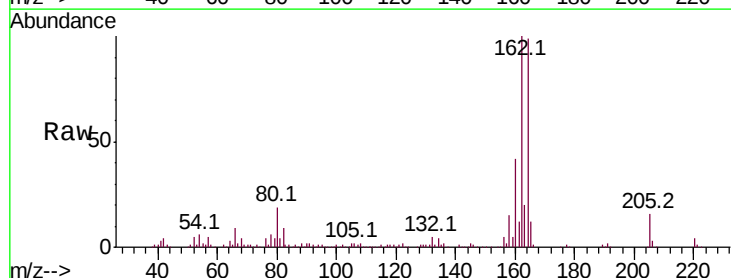
Ion Ratio Lower Upper

165 100

63 2.6 34.6 52.0#

89 3.0 56.2 84.4#

182 0.0 1.8 2.6#

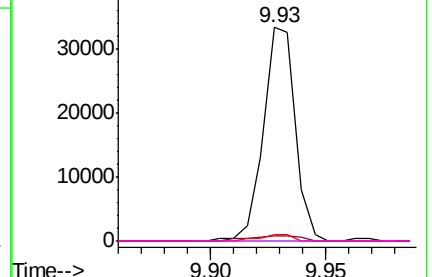
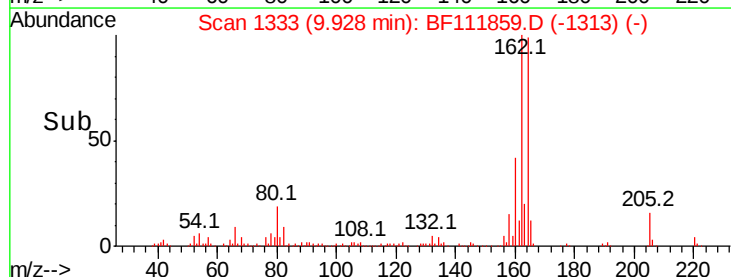


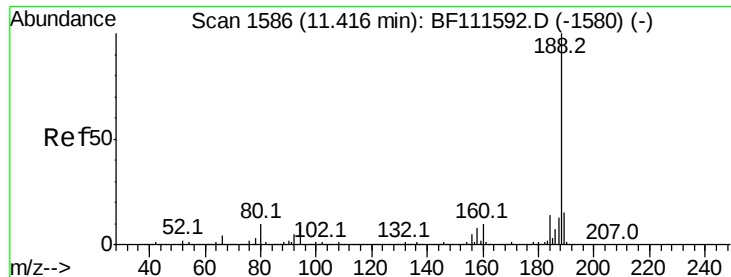
Abundance Ion 165.00 (164.70 to 165.70): E

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

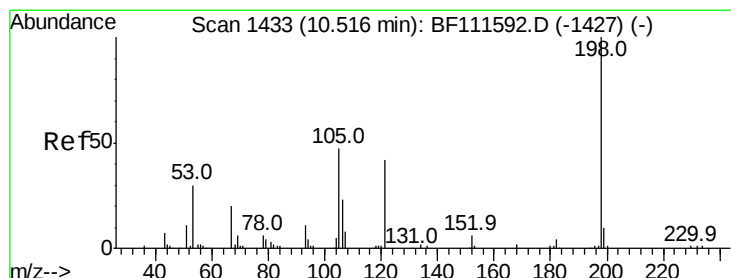
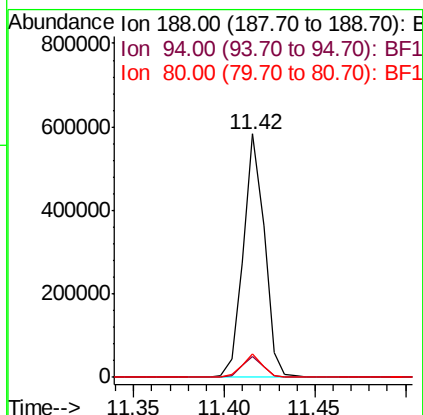
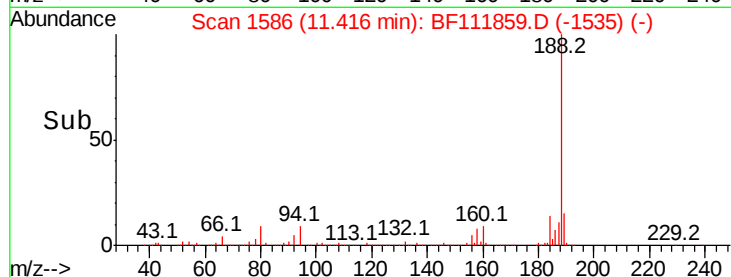
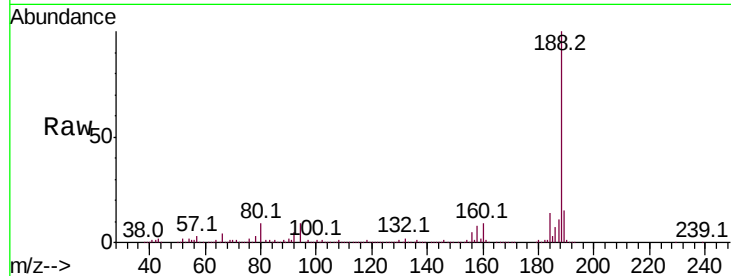




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111859.D
Acq: 4 Jan 2019 21:51

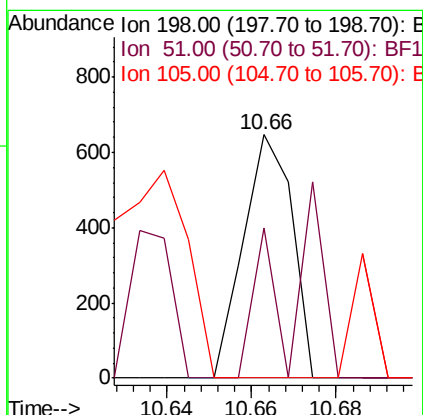
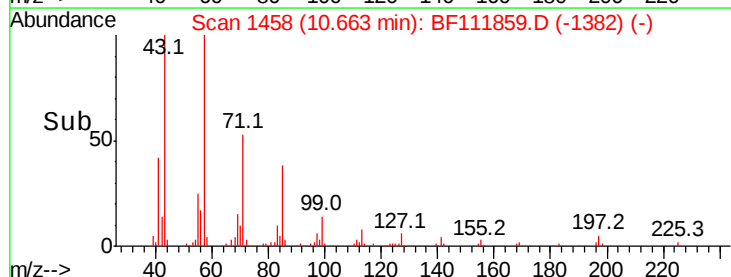
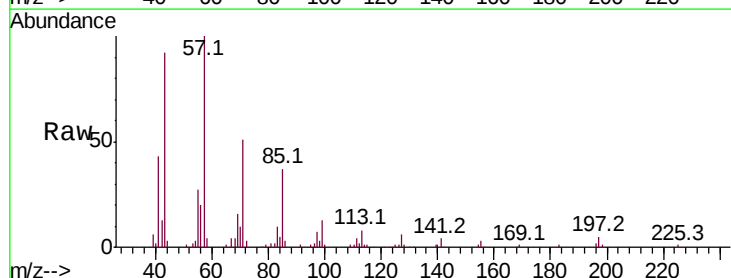
Instrument :
BNA_G
ClientSampleId :

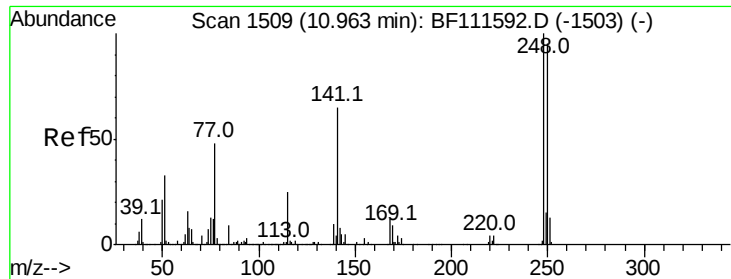
Tot Ion:188 Resp: 473524
Ion Ratio Lower Upper
188 100
94 8.8 9.6 14.4#
80 9.5 9.8 14.6#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.921 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.15 min
Lab File: BF111859.D
Acq: 4 Jan 2019 21:51

Tgt Ion:198 Resp: 519
Ion Ratio Lower Upper
198 100
51 62.0 48.0 88.0
105 0.0 34.0 74.0#

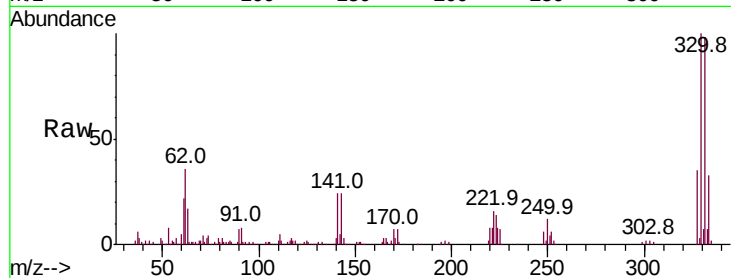




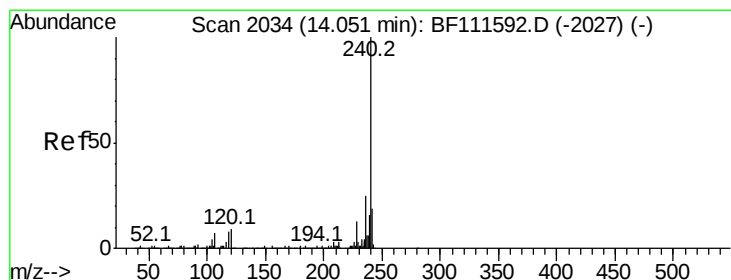
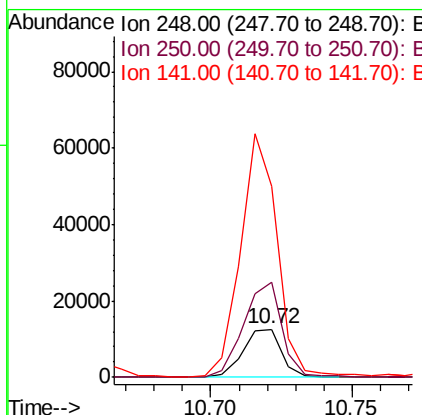
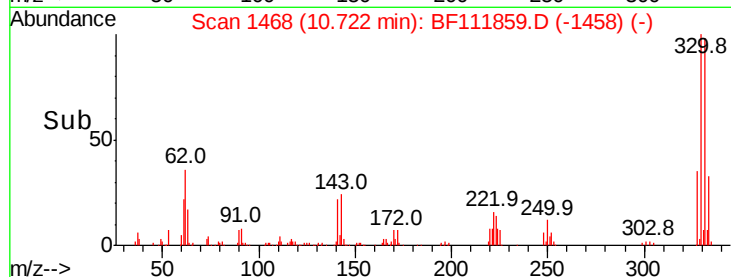
#67
4-Bromophenyl-phenylether
Concen: 2.005 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111859.D
Acq: 4 Jan 2019 21:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 11777
Ion Ratio Lower Upper
248 100
250 196.5 77.0 115.4#
141 395.4 63.0 94.6#

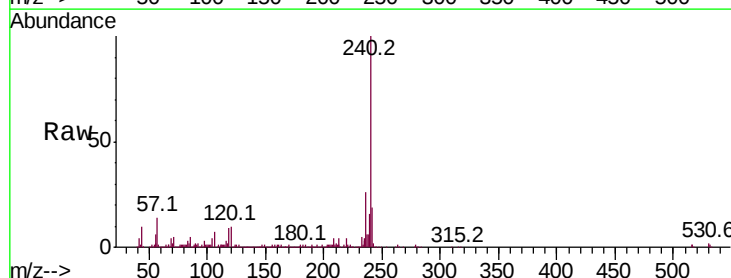


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

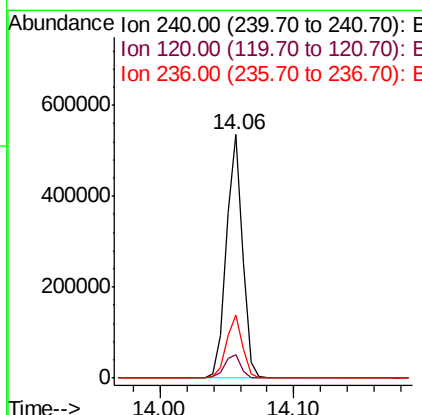
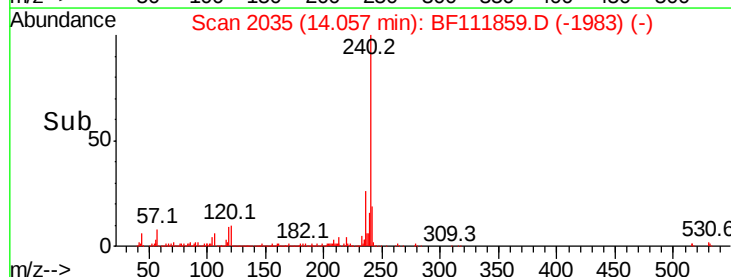


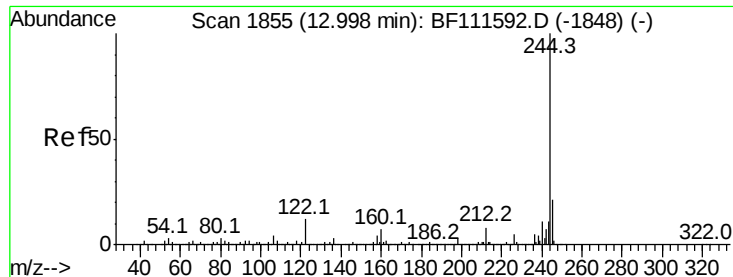
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111859.D
Acq: 4 Jan 2019 21:51

Tgt Ion:240 Resp: 458583
Ion Ratio Lower Upper
240 100
120 9.5 12.2 18.2#
236 26.1 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: 38.722 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111859.D

Acq: 4 Jan 2019 21:51

Instrument :

BNA_G

ClientSampleId :

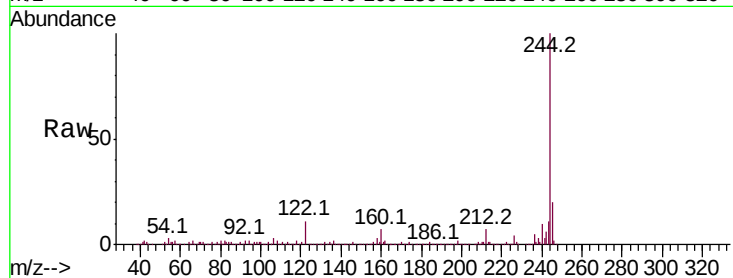
Tot Ion:244 Resp: 936364

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

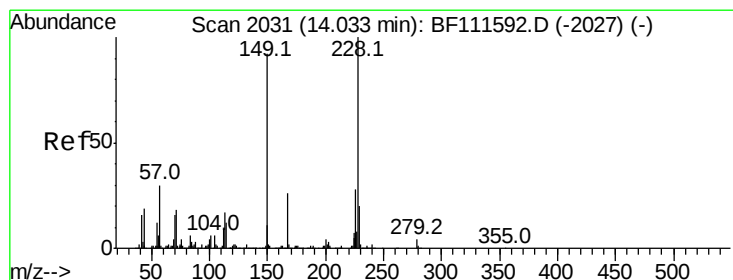
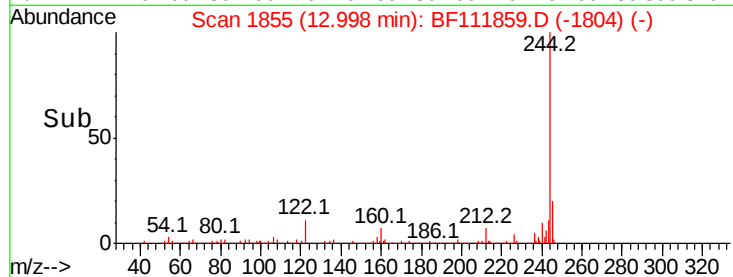
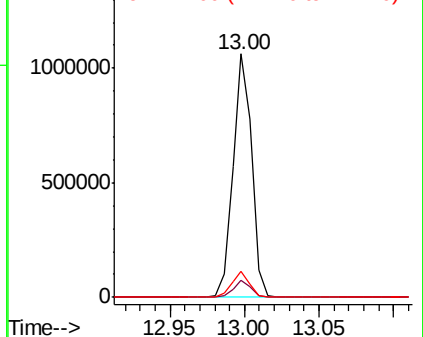
122 10.7 13.1 19.7#



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: 2.839 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111859.D

Acq: 4 Jan 2019 21:51

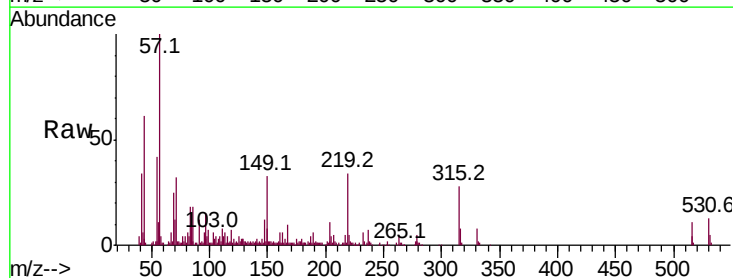
Tgt Ion:149 Resp: 47203

Ion Ratio Lower Upper

149 100

167 30.5 22.5 33.7

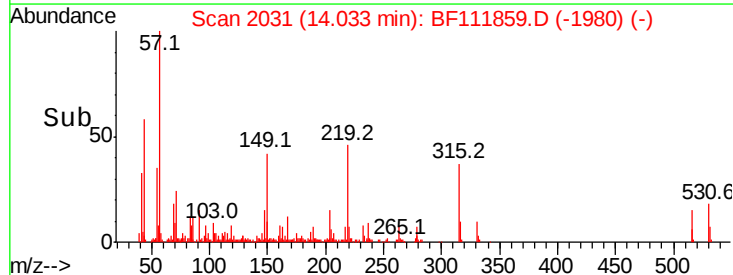
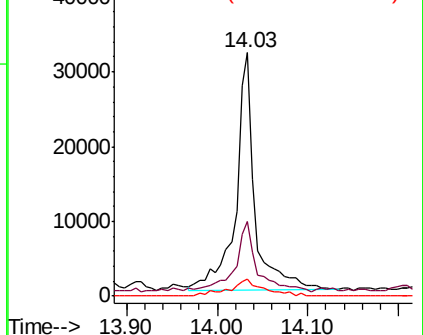
279 7.2 2.6 4.0#

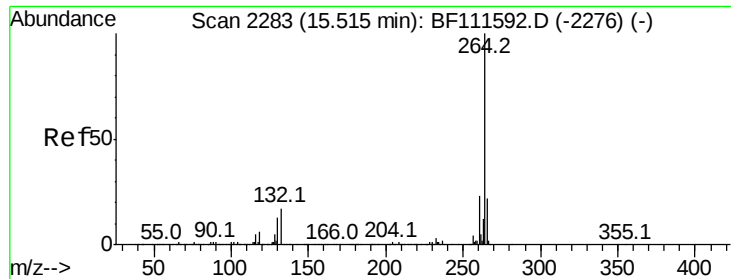


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2287
 Delta R.T. 0.02 min
 Lab File: BF111859.D
 Acq: 4 Jan 2019 21:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.5	17.7	26.5

