

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108279.D
 Acq On : 20 Aug 2018 10:25
 Operator : JU/SJ
 Sample : PB112152BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BL

Quant Time: Aug 20 11:02:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	191570	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	735407	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	379789	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	779514	20.00	ng	0.00
75) Chrysene-d12	14.21	240	669328	20.00	ng	0.00
86) Perylene-d12	15.78	264	567763	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	1257912	118.88	ng	0.02
7) Phenol-d6	6.64	99	1665174	118.42	ng	0.01
23) Nitrobenzene-d5	7.58	82	1133102	85.98	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	536579	141.64	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2110370	89.21	ng	0.00
78) Terphenyl-d14	13.15	244	2447423	92.97	ng	0.00

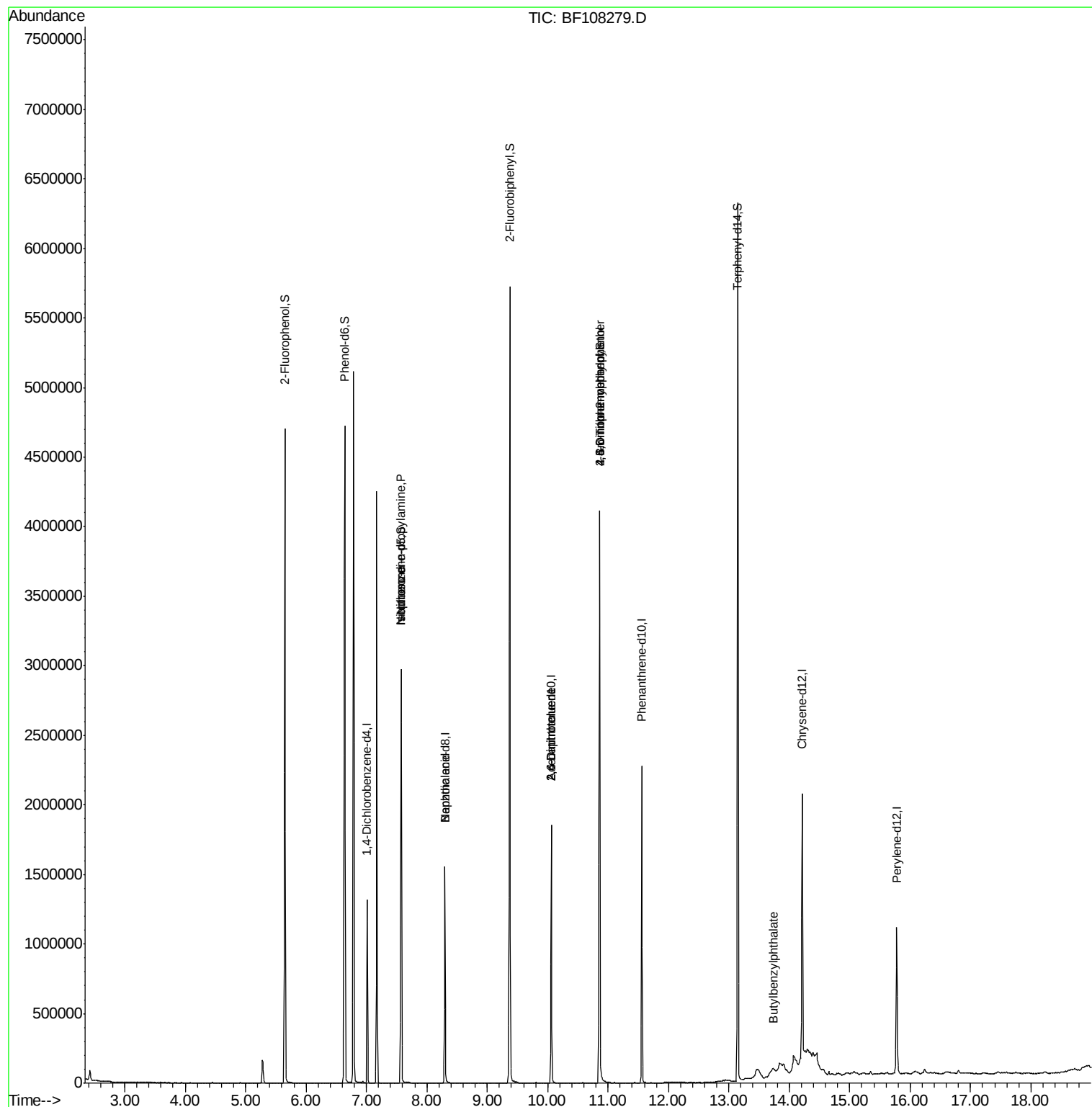
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	153002	16.091	ng	# 83
25) Isophorone	7.58	82	1125216	44.794	ng	# 64
32) Benzoic acid	8.30	122	113	5.990	ng	# 1
50) 2,6-Dinitrotoluene	10.06	165	48683	8.795	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	48683	6.833	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.86	198	1272	5.745	ng	# 1
66) 4-Bromophenyl-phenylether	10.86	248	35365	4.175	ng	# 1
79) Butylbenzylphthalate	13.74	149	112413	6.681	ng	# 25

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

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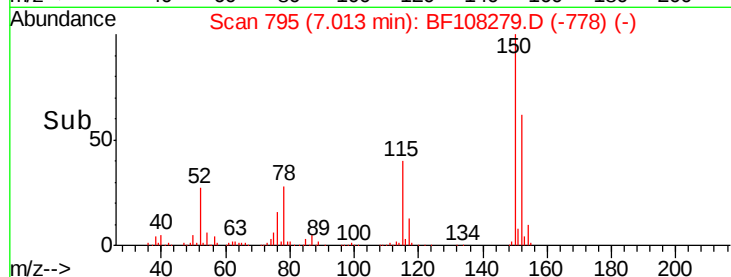
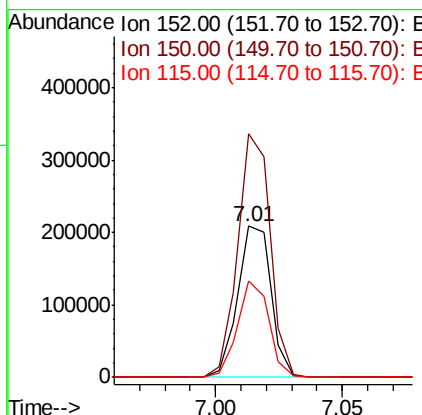
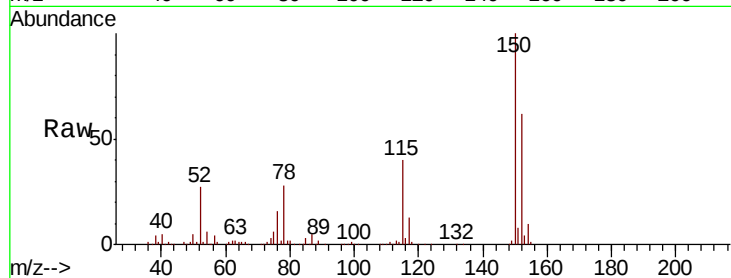


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Instrument :
BNA_F
ClientSampleId :
PB112152BL

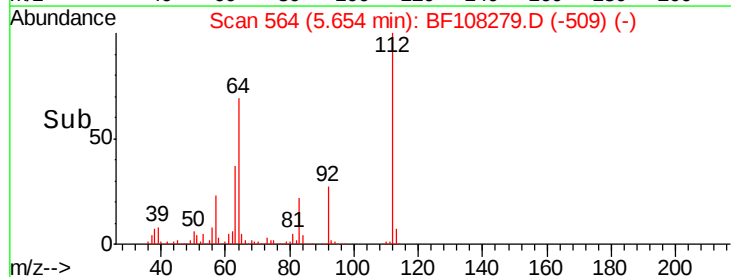
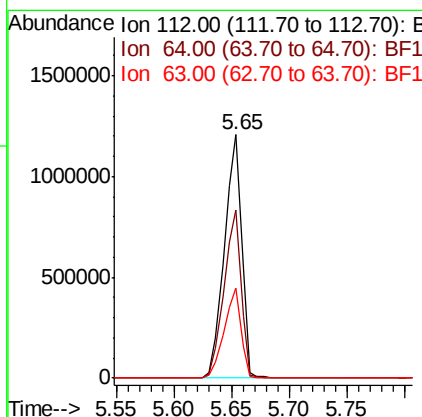
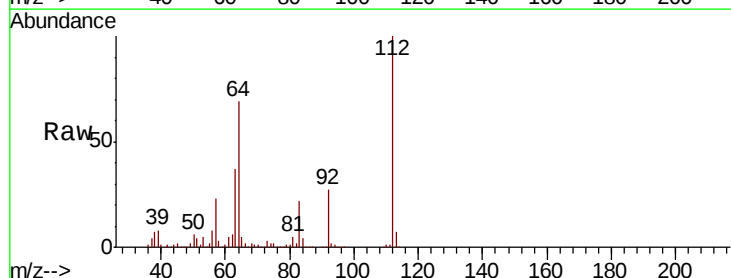
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	63.6	50.1	75.1

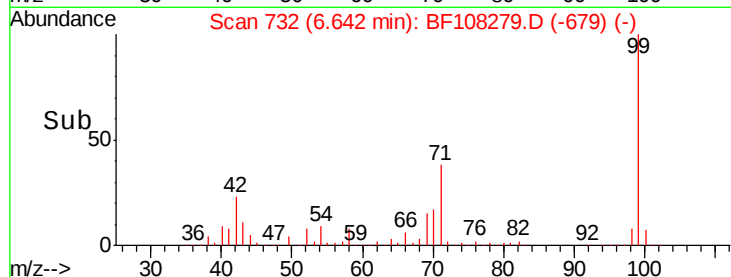
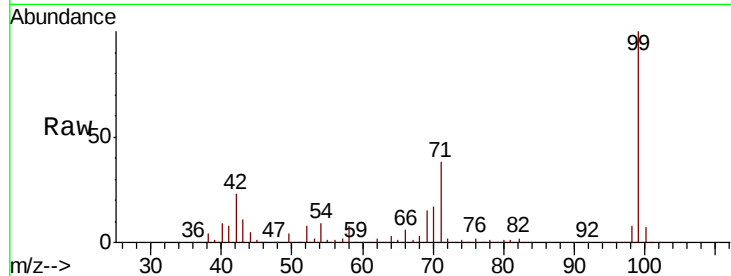
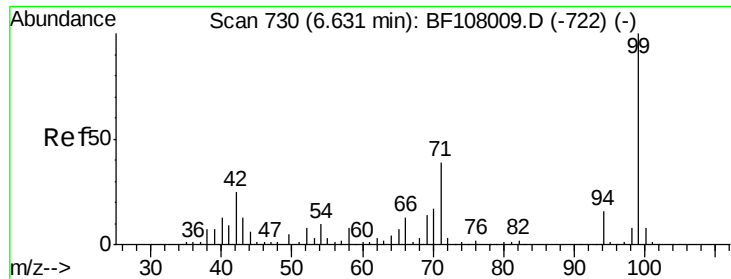


#5

2-Fluorophenol
Concen: 118.880 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	47.9	71.9
63	36.9	23.7	35.5#





#7

Phenol-d6

Concen: 118.424 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108279.D

Acq: 20 Aug 2018 10:25

Instrument :

BNA_F

ClientSampleId :

PB112152BL

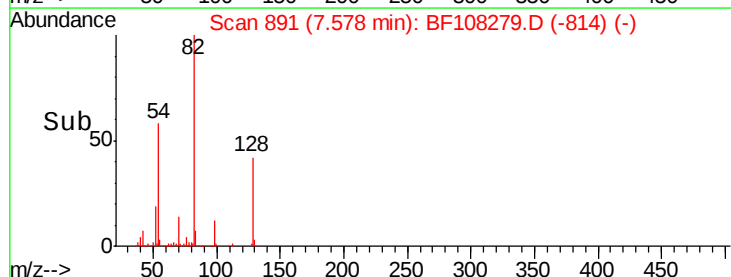
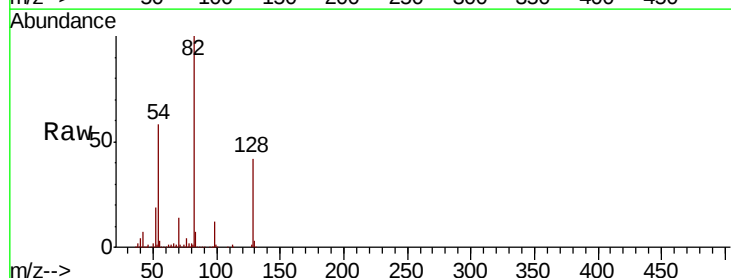
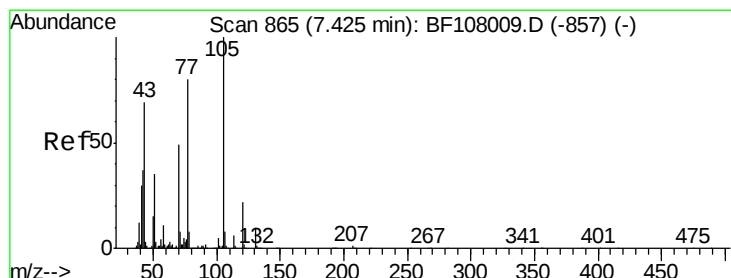
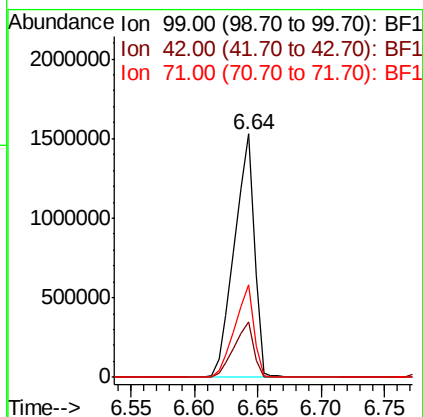
Tot Ion: 99 Resp: 1665174

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

71 37.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.091 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108279.D

Acq: 20 Aug 2018 10:25

Tgt Ion: 70 Resp: 153002

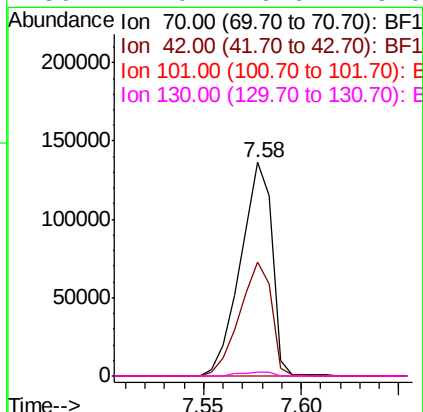
Ion Ratio Lower Upper

70 100

42 53.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108279.D

Acq: 20 Aug 2018 10:25

Instrument :

BNA_F

ClientSampleId :

PB112152BL

Tot Ion:136 Resp: 735407

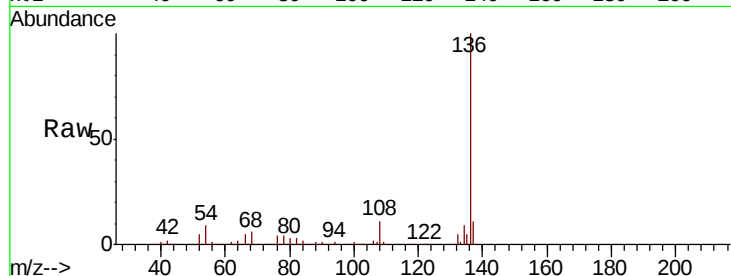
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.9 6.6 9.8

68 5.8 5.0 7.4

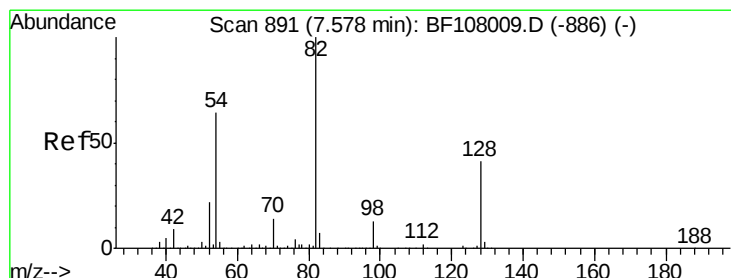
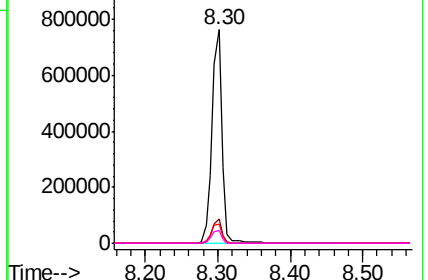
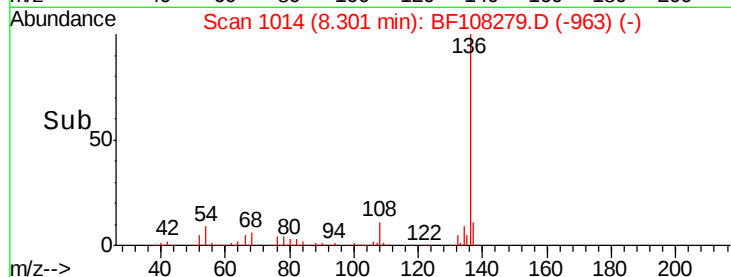


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.978 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108279.D

Acq: 20 Aug 2018 10:25

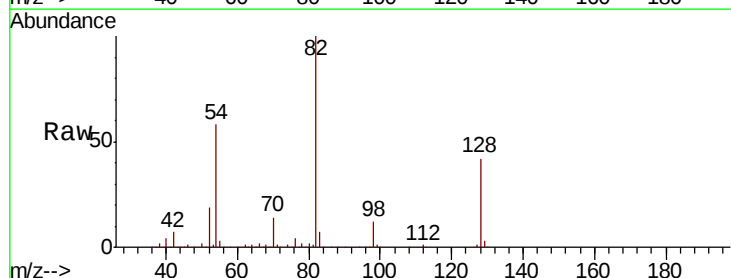
Tgt Ion: 82 Resp: 1133102

Ion Ratio Lower Upper

82 100

128 42.0 36.1 54.1

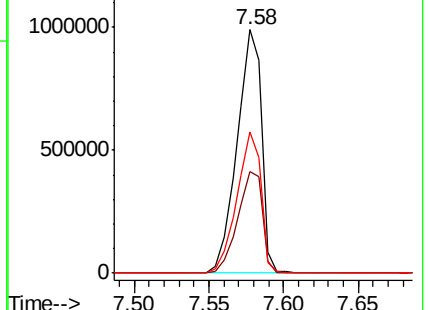
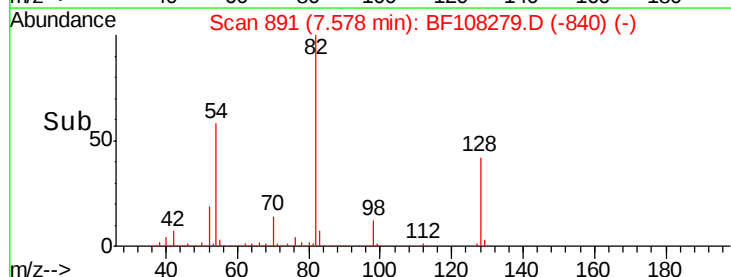
54 57.9 41.4 62.2



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: 44.794 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108279.D

Acq: 20 Aug 2018 10:25

Instrument :

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PB112152BL

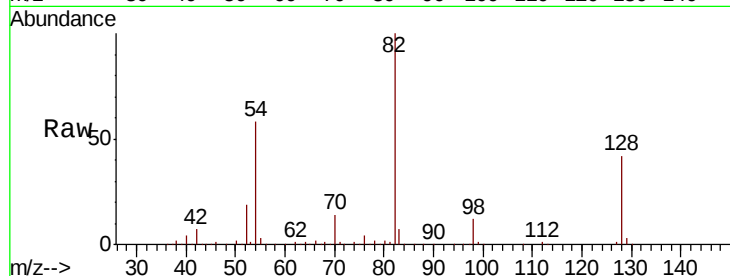
Tot Ion: 82 Resp: 1125216

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

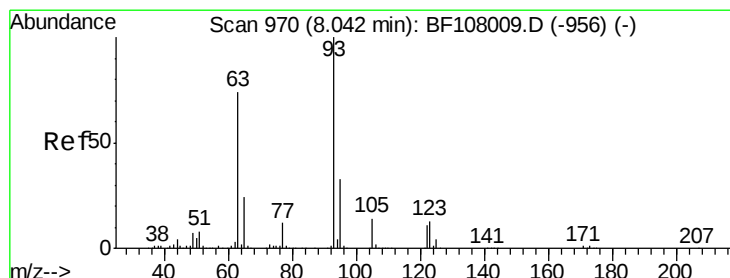
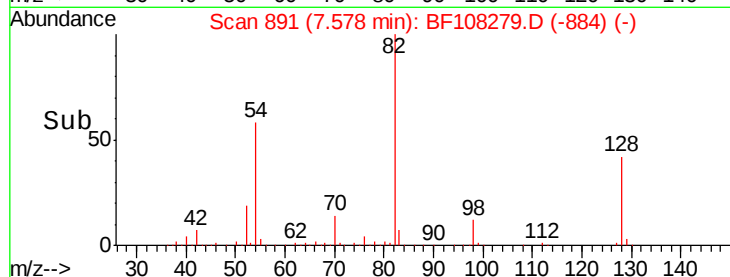
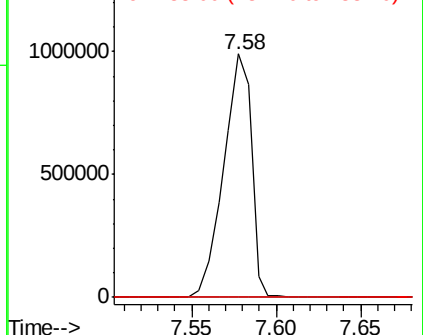
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 5.990 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.26 min

Lab File: BF108279.D

Acq: 20 Aug 2018 10:25

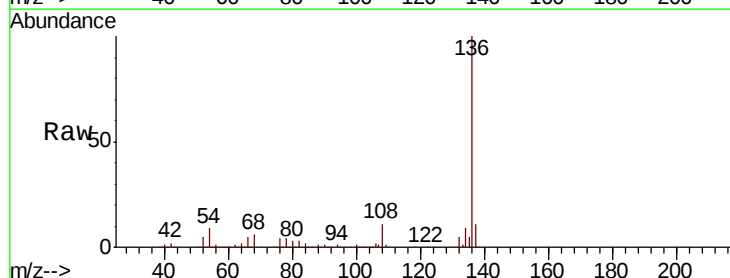
Tgt Ion:122 Resp: 113

Ion Ratio Lower Upper

122 100

105 243.6 101.1 141.1#

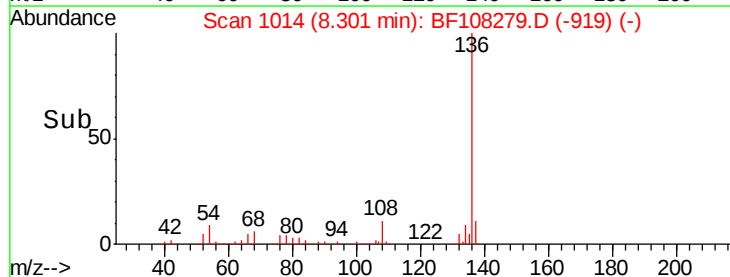
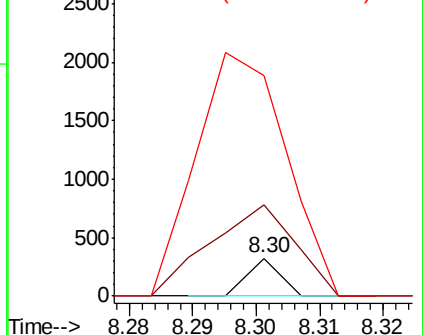
77 587.5 70.7 110.7#

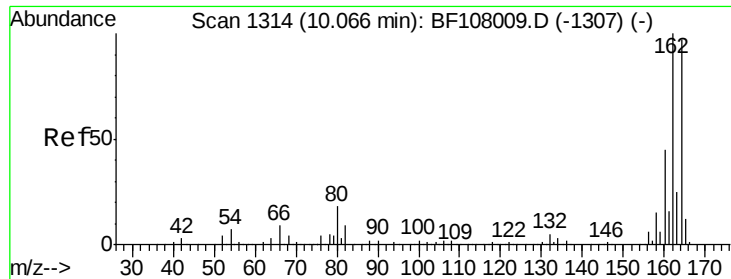


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108279.D

Acq: 20 Aug 2018 10:25

Instrument :

BNA_F

ClientSampleId :

PB112152BL

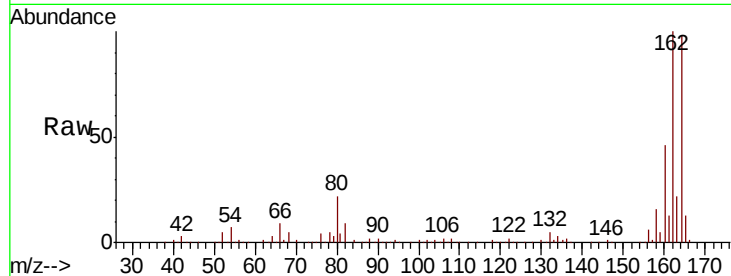
Tot Ion:164 Resp: 379789

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

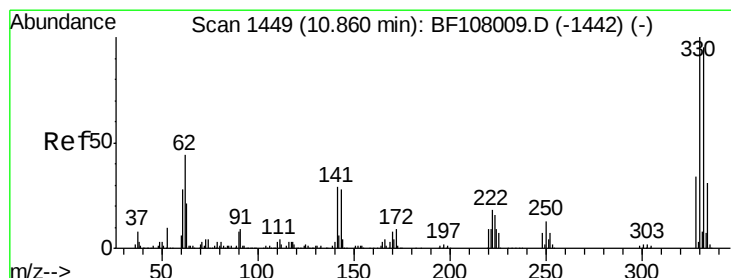
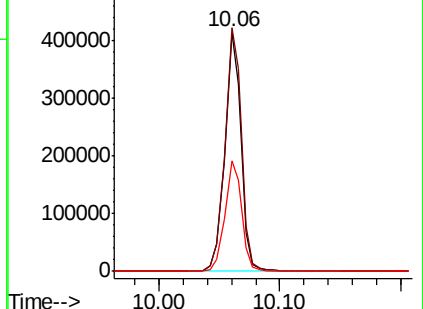
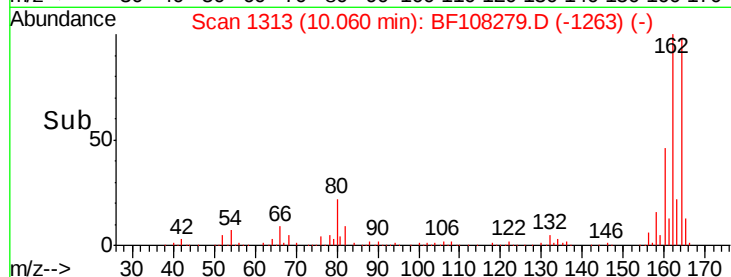
160 46.4 38.3 57.5



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: 141.641 ng

RT: 10.86 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF108279.D

Acq: 20 Aug 2018 10:25

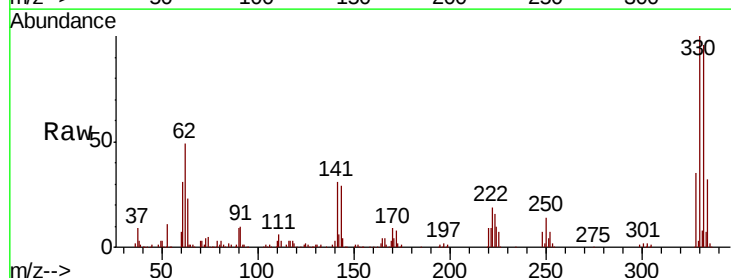
Tgt Ion:330 Resp: 536579

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

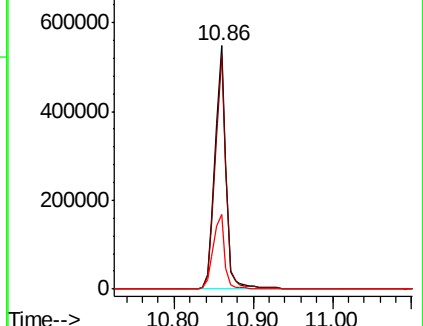
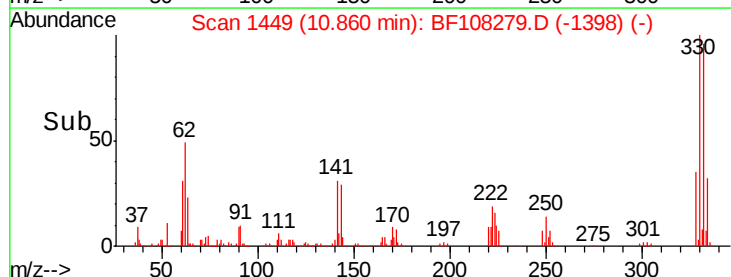
141 32.2 29.9 44.9



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

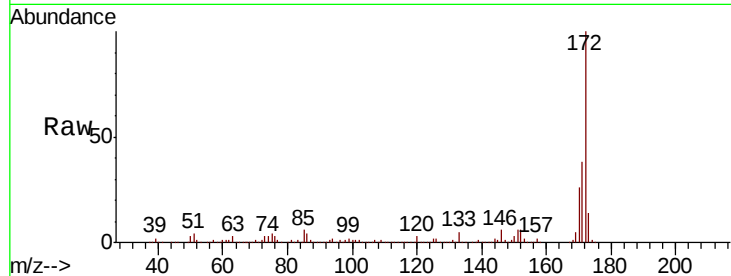




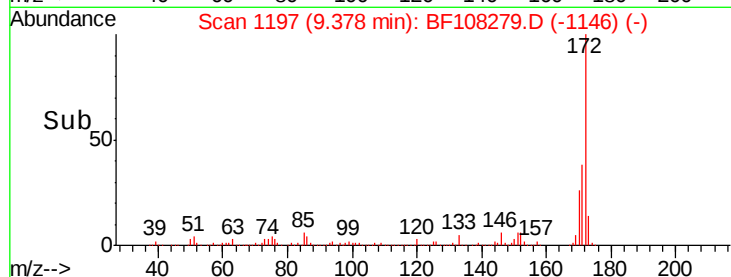
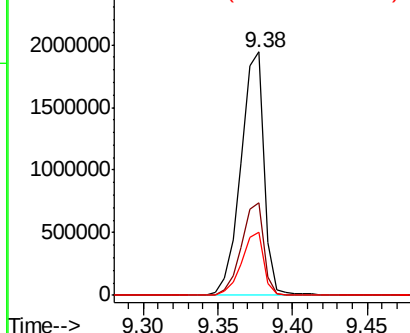
#44
 2-Fluorobiphenyl
 Concen: 89.211 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108279.D
 Acq: 20 Aug 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BL

Tot Ion:172 Resp: 2110370
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.7 44.5
 170 25.9 19.6 29.4

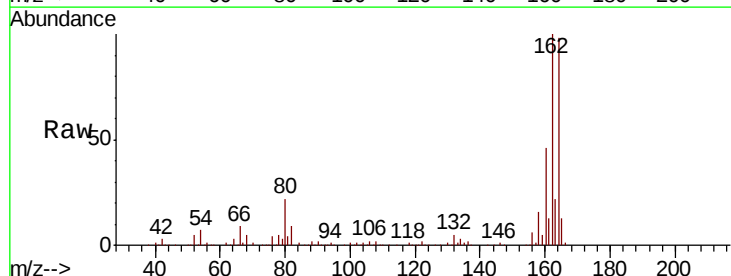


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

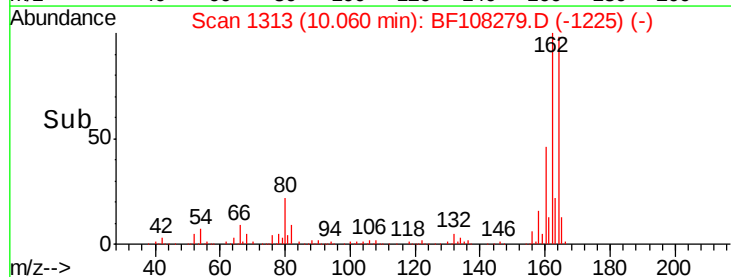
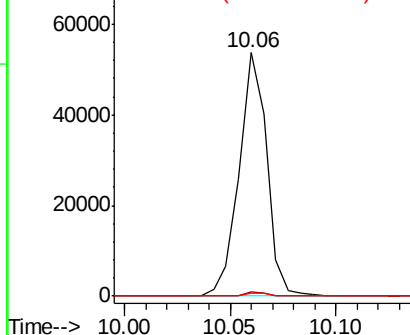


#50
 2,6-Dinitrotoluene
 Concen: 8.795 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108279.D
 Acq: 20 Aug 2018 10:25

Tgt Ion:165 Resp: 48683
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.7 67.1#
 89 1.3 44.0 66.0#



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

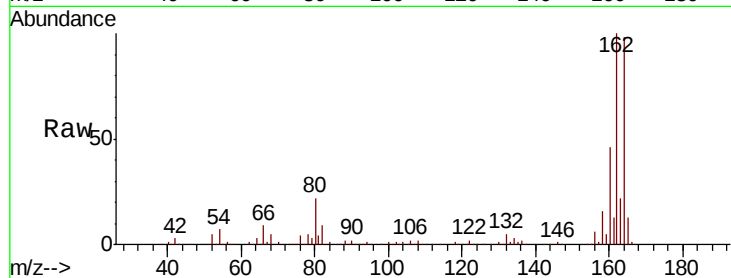




#56
 2,4-Dinitrotoluene
 Concen: 6.833 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108279.D
 Acq: 20 Aug 2018 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112152BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



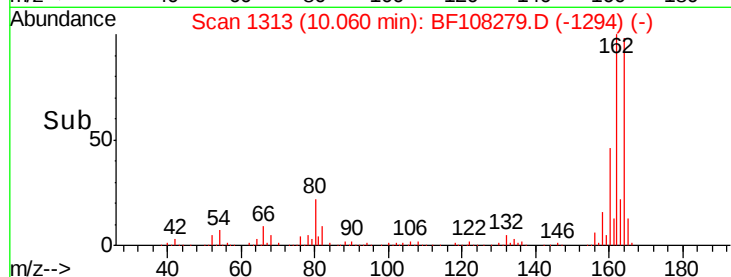
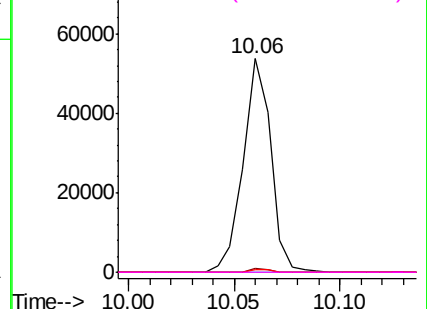
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

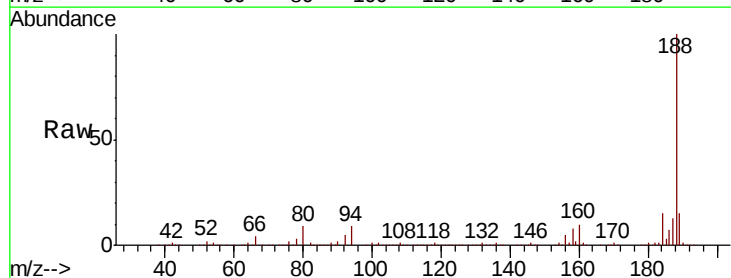
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108279.D
 Acq: 20 Aug 2018 10:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.5	9.2	13.8

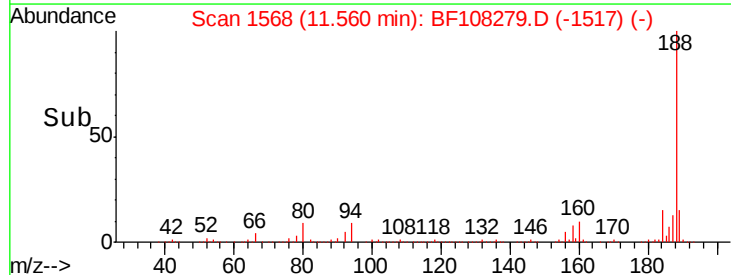
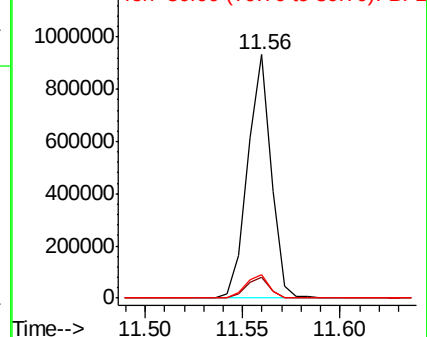


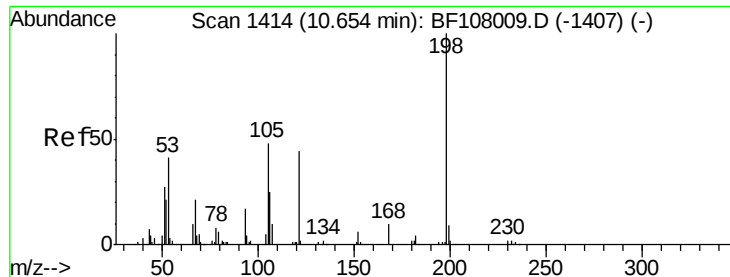
Abundance

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

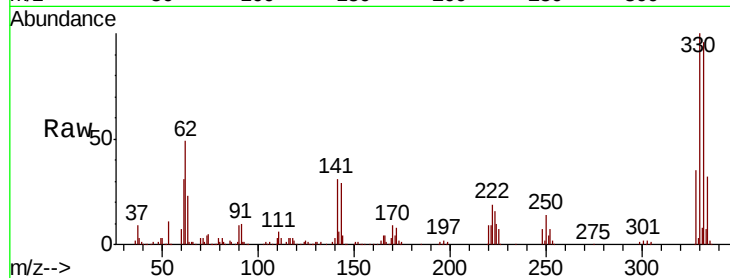




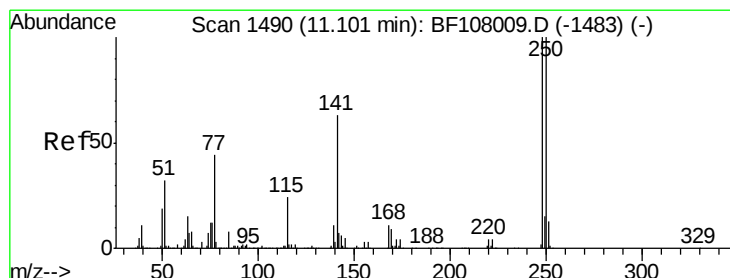
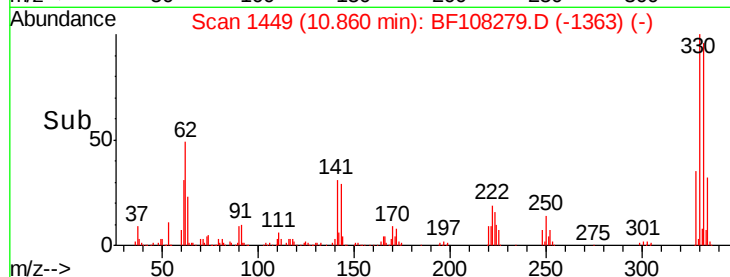
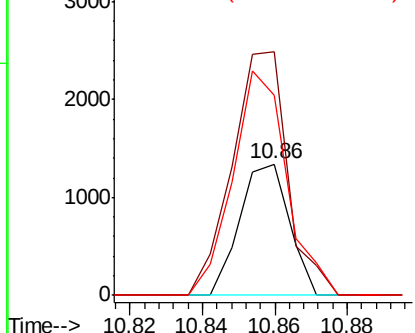
#64
4,6-Dinitro-2-methylphenol
Concen: 5.745 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.21 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Instrument :
BNA_F
ClientSampleId :
PB112152BL

Tot Ion:198 Resp: 1272
Ion Ratio Lower Upper
198 100
51 185.7 37.7 77.7#
105 152.9 36.3 76.3#

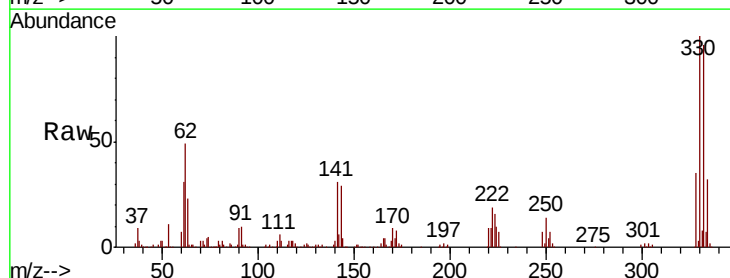


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

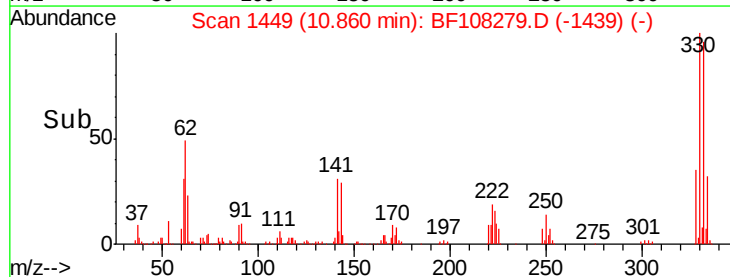
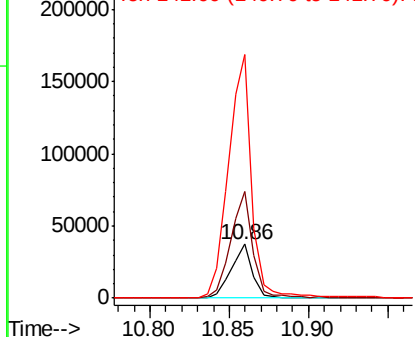


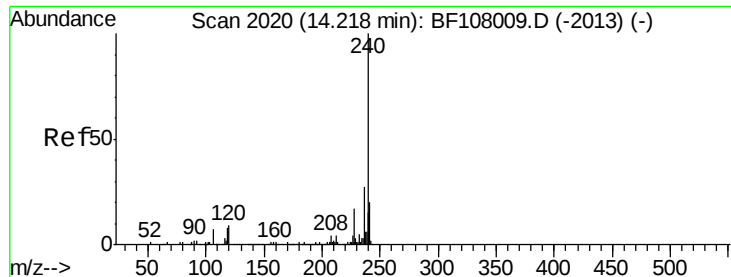
#66
4-Bromophenyl-phenylether
Concen: 4.175 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Tgt Ion:248 Resp: 35365
Ion Ratio Lower Upper
248 100
250 199.1 76.9 115.3#
141 453.7 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108279.D

Acq: 20 Aug 2018 10:25

Instrument :

BNA_F

ClientSampleId :

PB112152BL

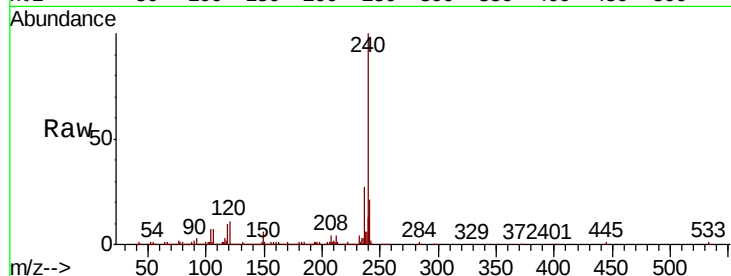
Tot Ion:240 Resp: 669328

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

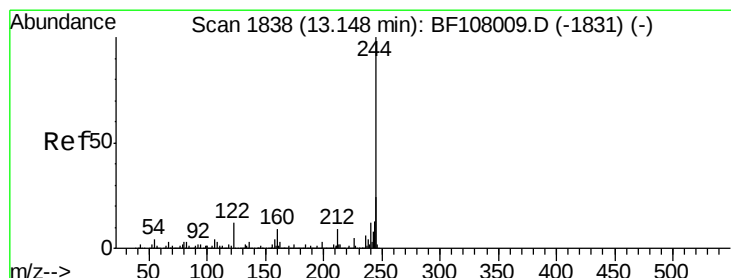
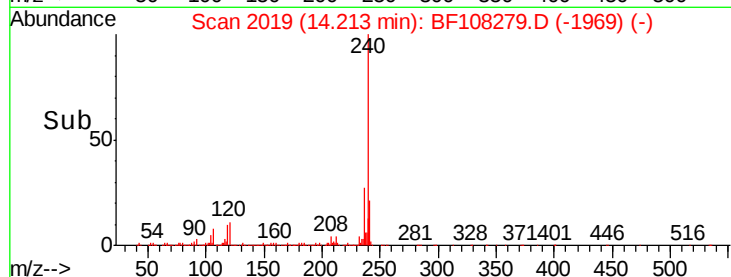
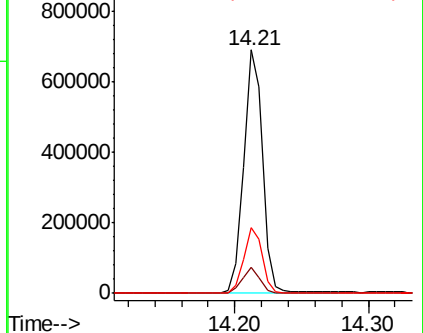
236 26.9 20.7 31.1



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: 92.970 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108279.D

Acq: 20 Aug 2018 10:25

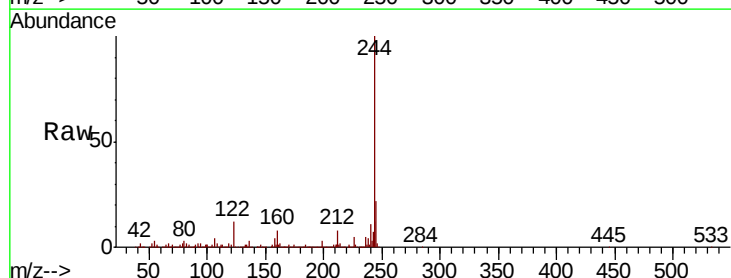
Tgt Ion:244 Resp: 2447423

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

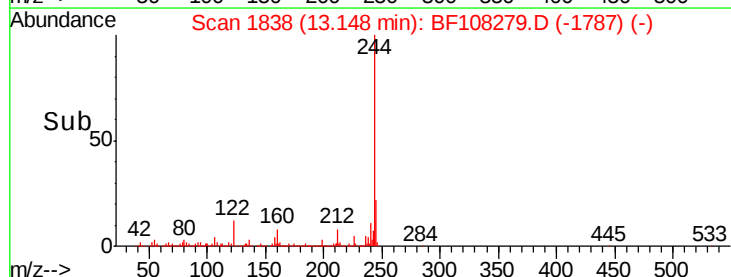
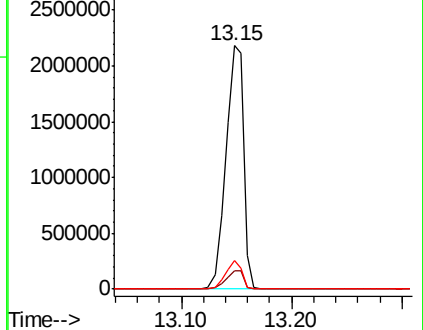
122 11.9 11.0 16.4

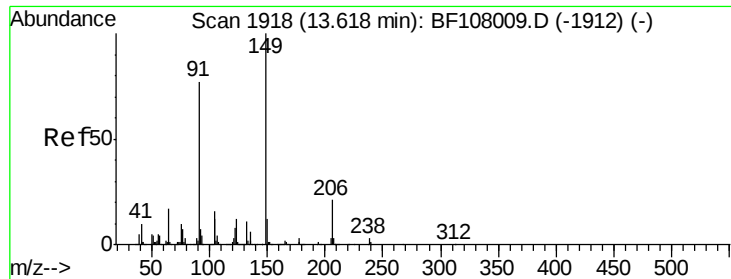


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

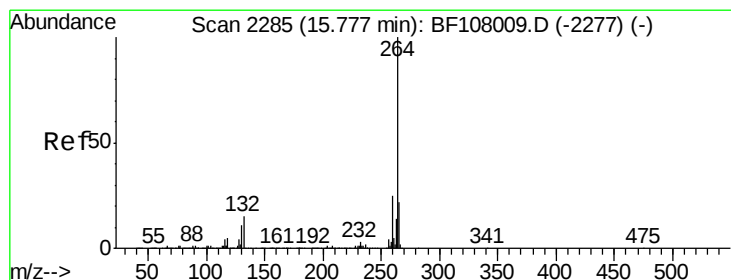
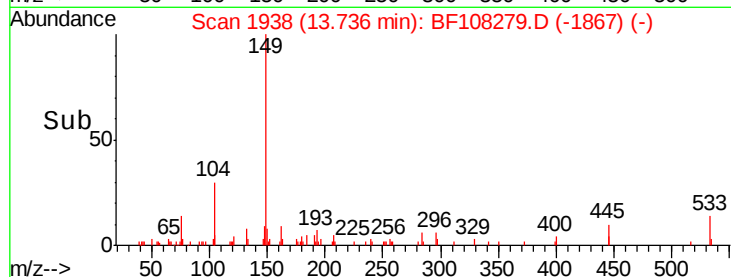
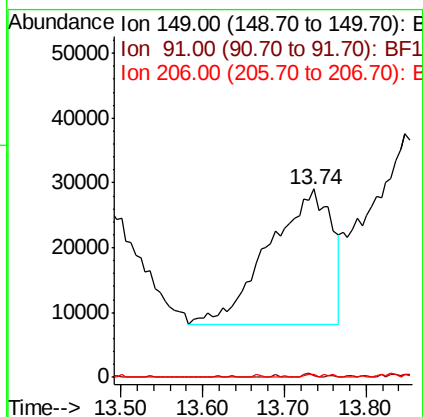
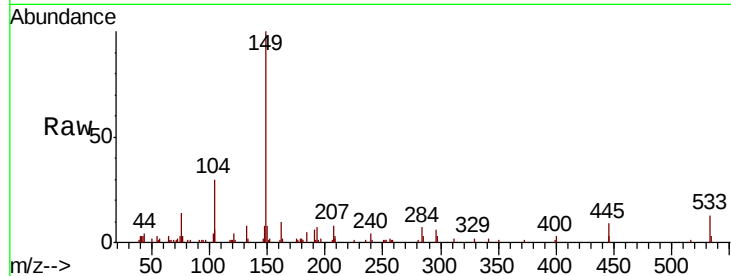




#79
Butylbenzylphthalate
Concen: 6.681 ng
RT: 13.74 min Scan# 1938
Delta R.T. 0.12 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Instrument :
BNA_F
ClientSampleId :
PB112152BL

Tot Ion:149 Resp: 112413
Ion Ratio Lower Upper
149 100
91 1.0 56.8 85.2#
206 1.3 14.1 21.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108279.D
Acq: 20 Aug 2018 10:25

Tgt Ion:264 Resp: 567763
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.9 17.5 26.3

