

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
 Data File : BF108064.D
 Acq On : 9 Aug 2018 20:34
 Operator : JU/SJ
 Sample : J4388-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1A

Quant Time: Aug 10 01:10:39 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

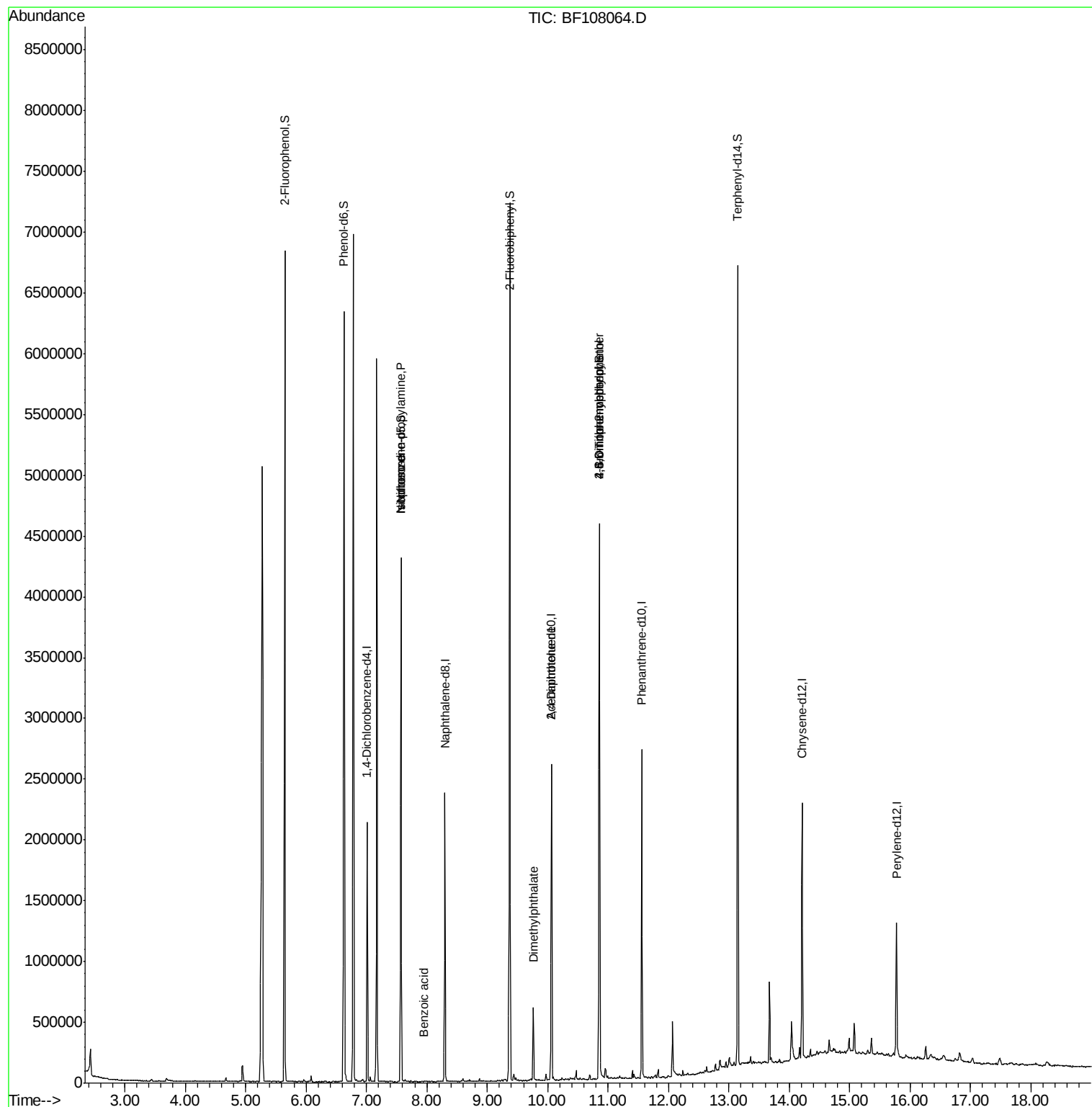
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	292743	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1115116	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	541495	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	908275	20.00	ng	0.00
75) Chrysene-d12	14.21	240	670670	20.00	ng	0.00
86) Perylene-d12	15.78	264	523920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1661921	102.78	ng	0.02
7) Phenol-d6	6.63	99	2225480	103.57	ng	0.00
23) Nitrobenzene-d5	7.58	82	1441396	72.13	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	523739	96.97	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2492667	73.90	ng	0.00
78) Terphenyl-d14	13.15	244	2039235	77.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	200256	13.782	ng	# 85
25) Isophorone	7.58	82	1438316	37.761	ng	# 64
32) Benzoic acid	7.95	122	141	5.987	ng	# 58
49) Dimethylphthalate	9.77	163	229843	6.093	ng	# 99
56) 2,4-Dinitrotoluene	10.06	165	69171	6.809	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.85	198	1198	5.671	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	35395	3.586	ng	# 1

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

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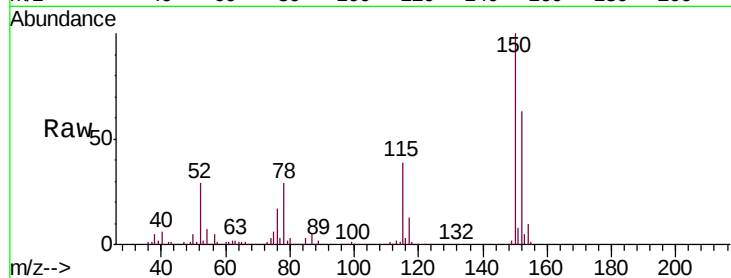


#1

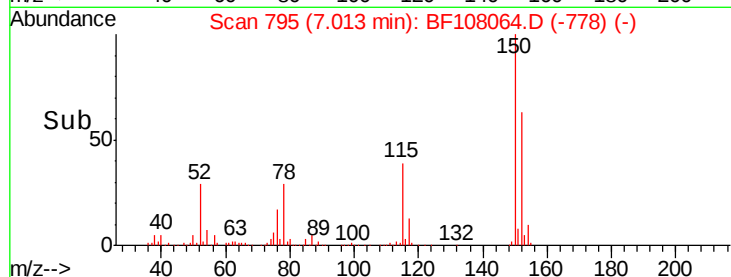
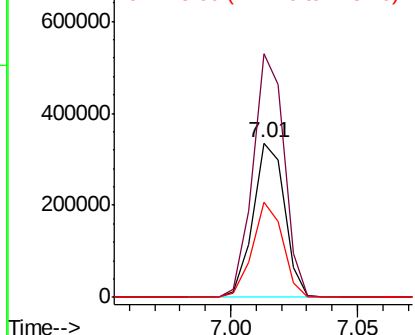
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108064.D
Acq: 9 Aug 2018 20:34

Instrument :
BNA_F
ClientSampleId :
S-1A

Tgt Ion:152 Resp: 292743
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 61.7 50.1 75.1



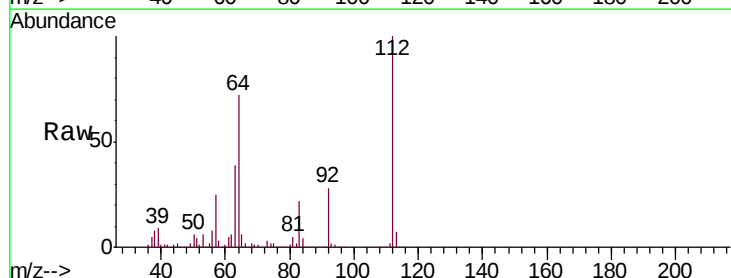
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



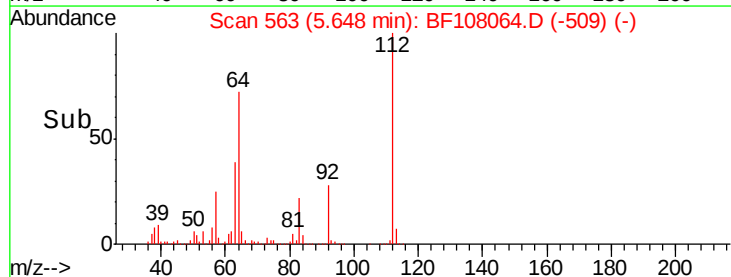
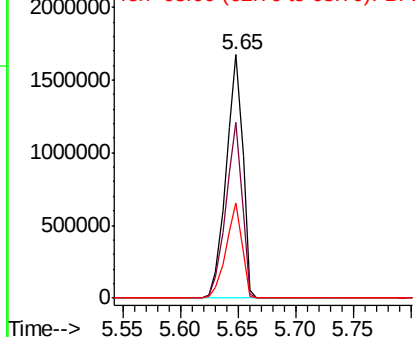
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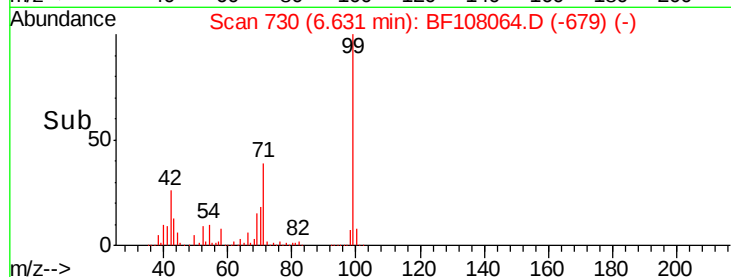
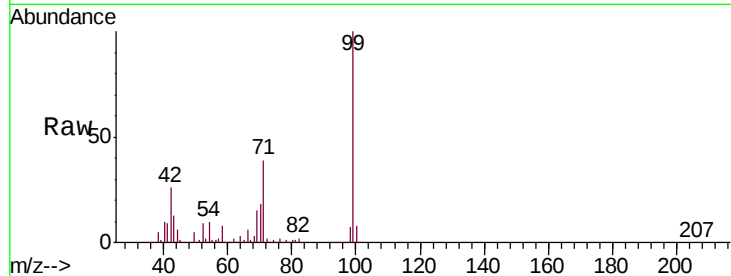
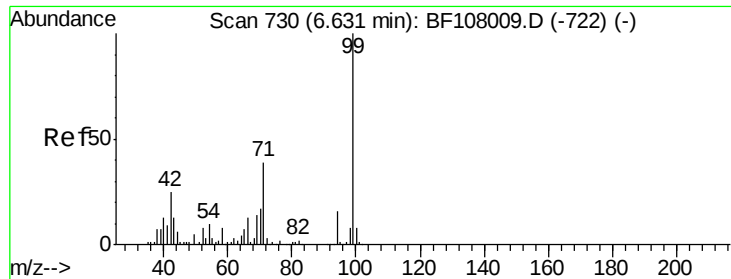
2-Fluorophenol
Concen: 102.781 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108064.D
Acq: 9 Aug 2018 20:34

Tgt Ion:112 Resp: 1661921
Ion Ratio Lower Upper
112 100
64 72.1 47.9 71.9#
63 39.2 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: 103.572 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

S-1A

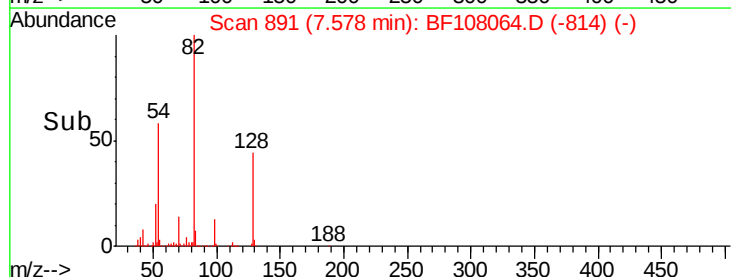
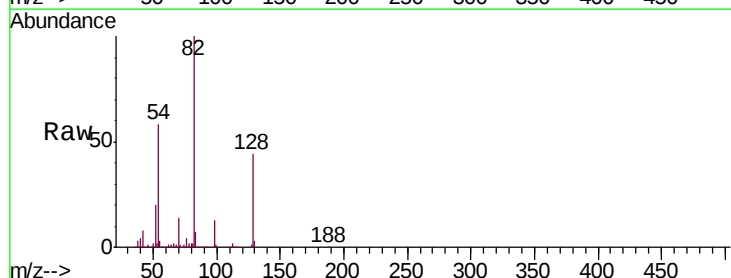
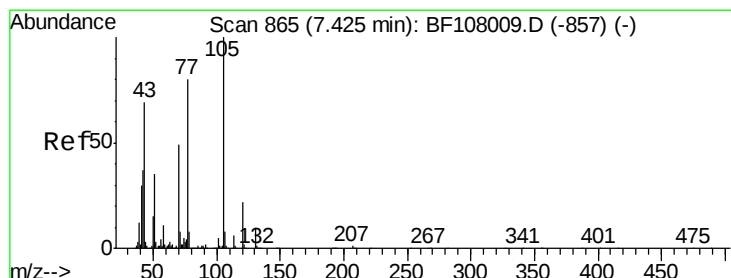
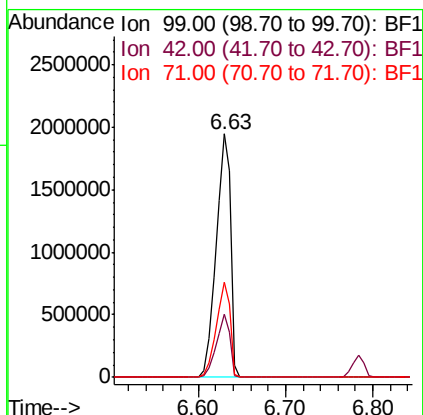
Tgt Ion: 99 Resp: 2225480

Ion Ratio Lower Upper

99 100

42 26.0 14.5 21.7#

71 39.0 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 13.782 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

Tgt Ion: 70 Resp: 200256

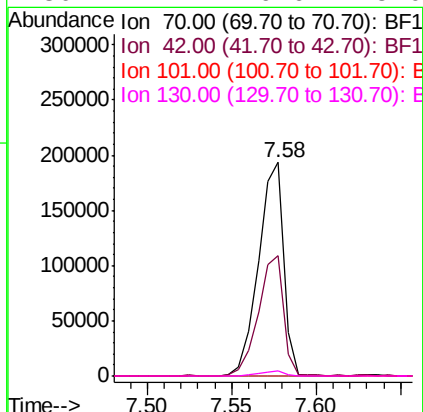
Ion Ratio Lower Upper

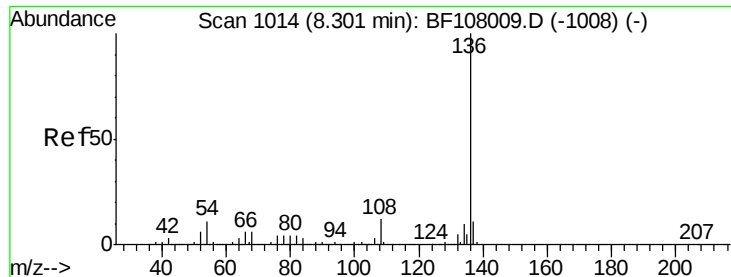
70 100

42 56.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 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: BF108064.D

Acq: 9 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

S-1A

Tgt Ion:136 Resp: 1115116

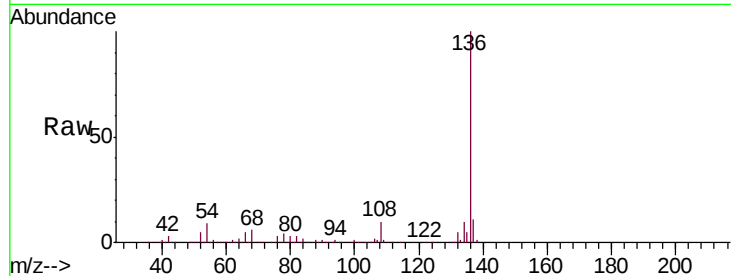
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.2 6.6 9.8

68 5.9 5.0 7.4

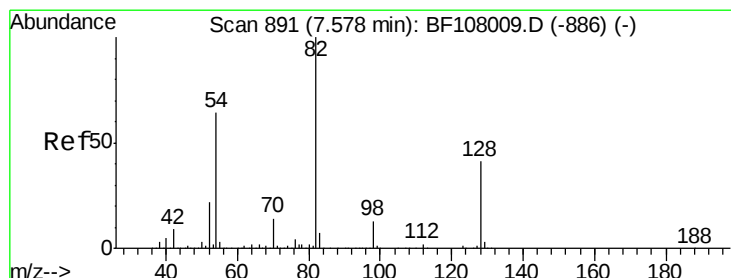
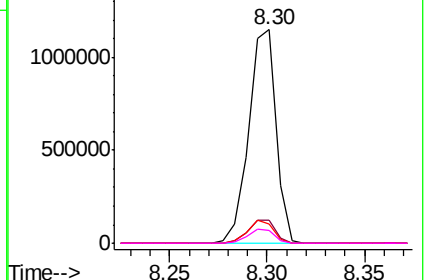
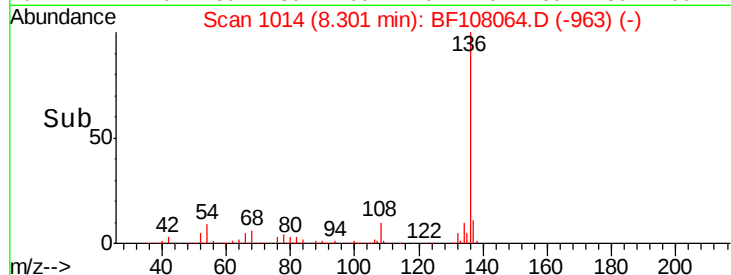


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.129 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

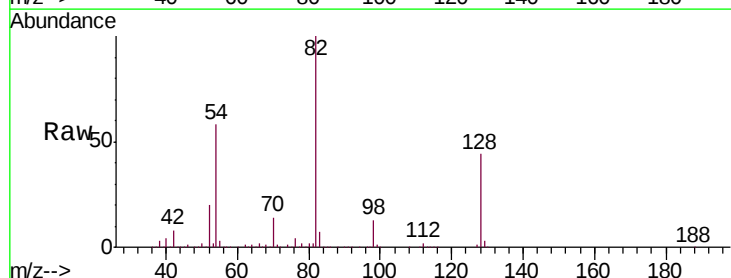
Tgt Ion: 82 Resp: 1441396

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

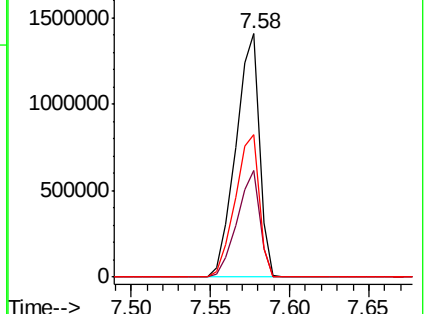
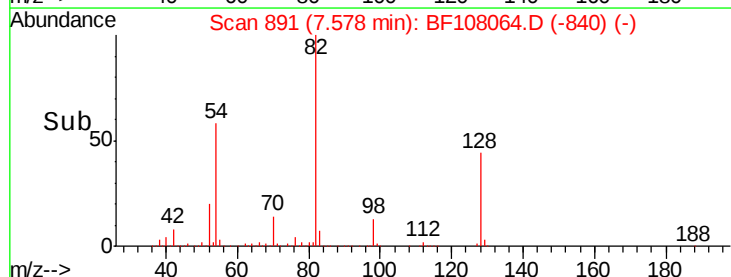
54 58.5 41.4 62.2

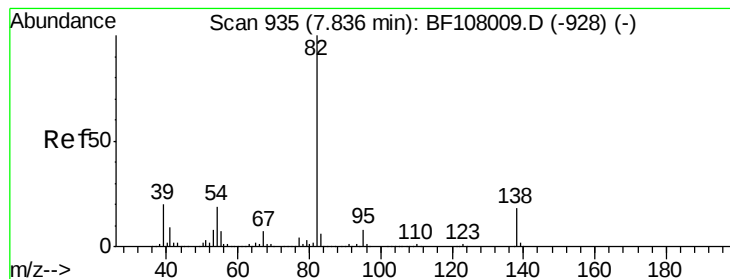


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.761 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

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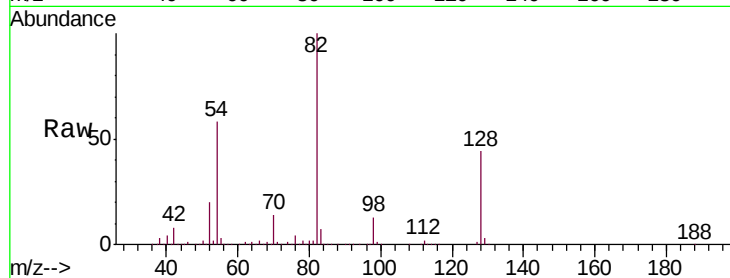
Tgt Ion: 82 Resp: 1438316

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

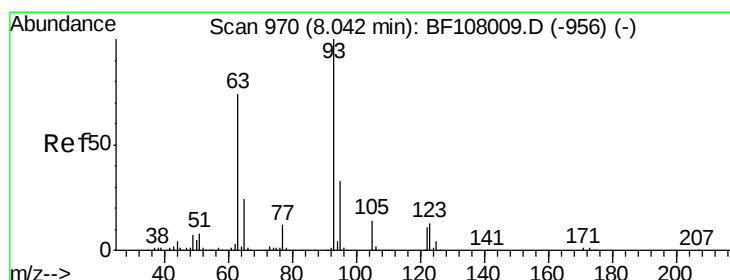
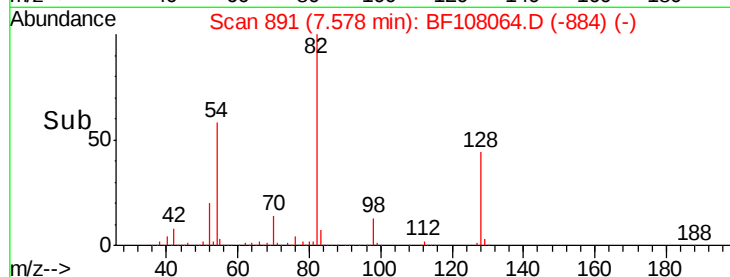
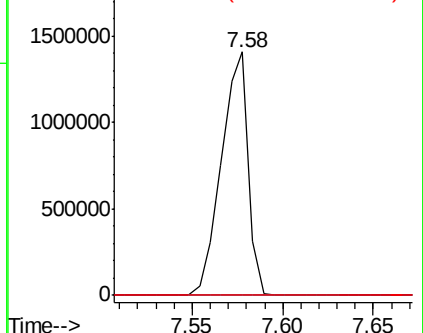
138 0.0 14.9 22.3#



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: 5.987 ng

RT: 7.95 min Scan# 955

Delta R.T. -0.09 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

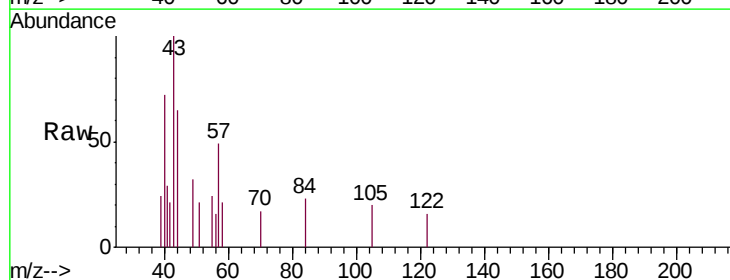
Tgt Ion: 122 Resp: 141

Ion Ratio Lower Upper

122 100

105 122.1 101.1 141.1

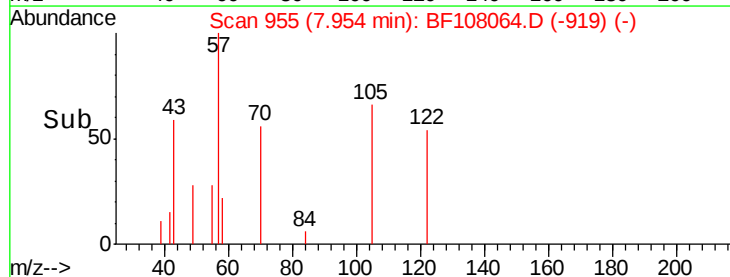
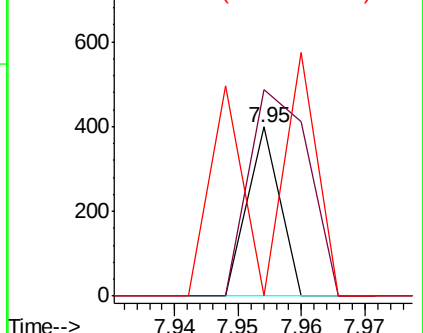
77 0.0 70.7 110.7#

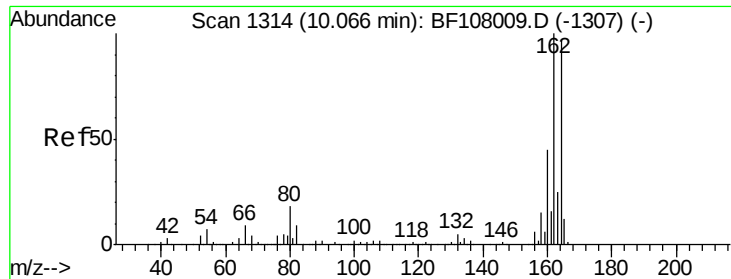


Abundance Ion 122.00 (121.70 to 122.70): E

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: 10.07 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

Instrument :

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ClientSampleId :

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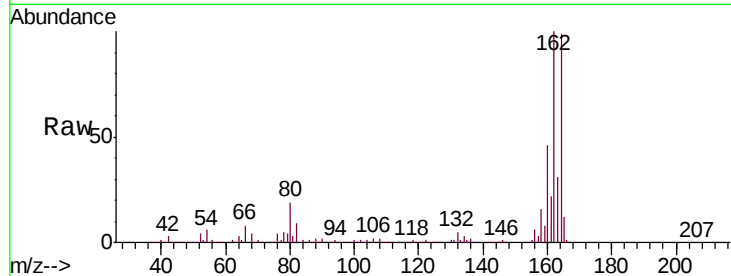
Tgt Ion:164 Resp: 541495

Ion Ratio Lower Upper

164 100

162 100.8 86.1 129.1

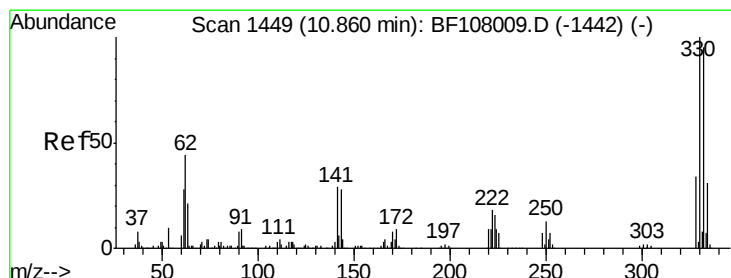
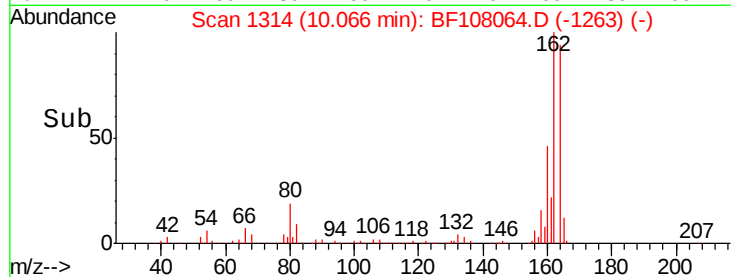
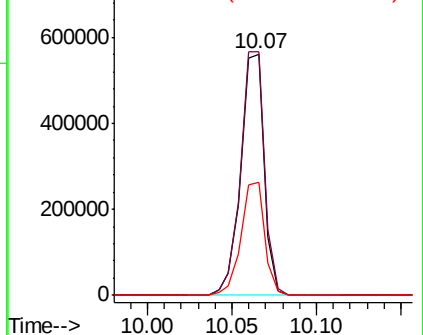
160 46.7 38.3 57.5



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: 96.966 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

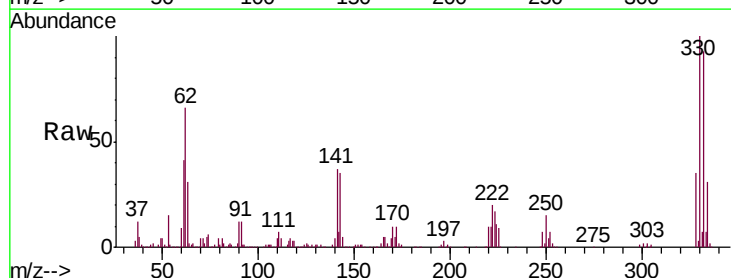
Tgt Ion:330 Resp: 523739

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

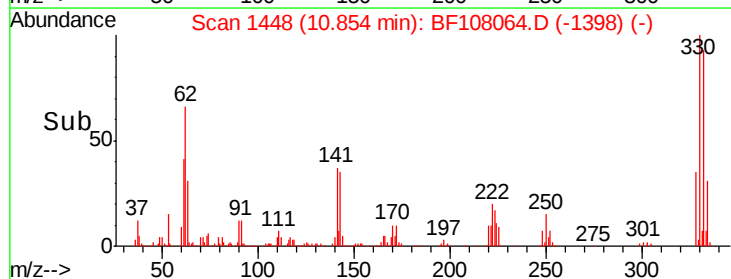
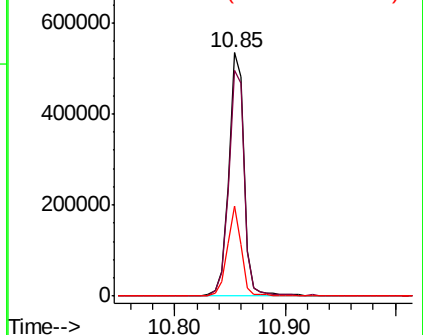
141 34.1 29.9 44.9

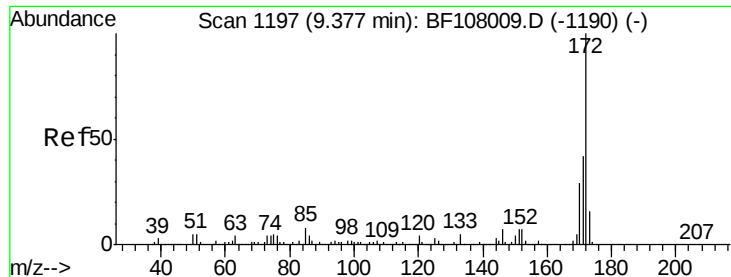


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

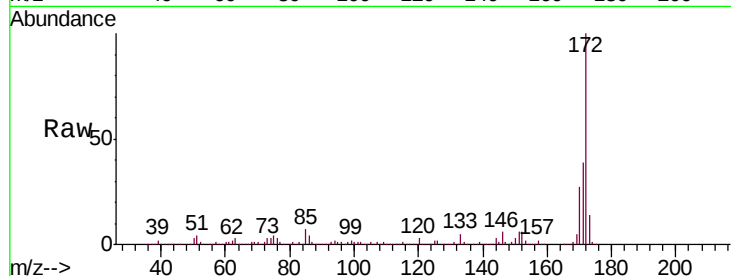




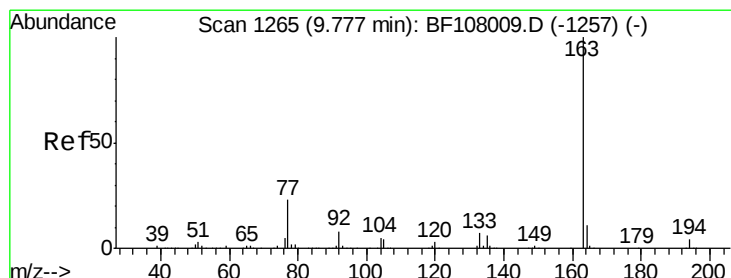
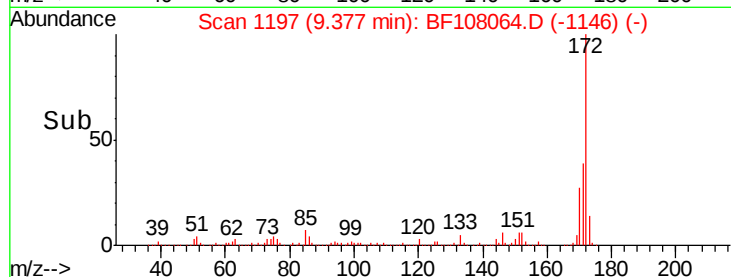
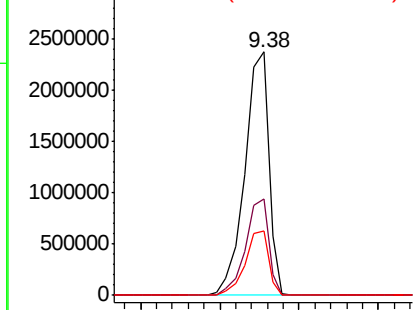
#44
2-Fluorobiphenyl
Concen: 73.905 ng
RT: 9.38 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF108064.D
Acq: 9 Aug 2018 20:34

Instrument :
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Tgt Ion:172 Resp: 2492667
Ion Ratio Lower Upper
172 100
171 39.4 29.7 44.5
170 26.6 19.6 29.4

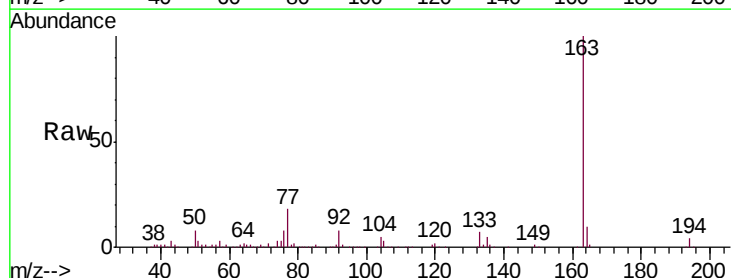


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

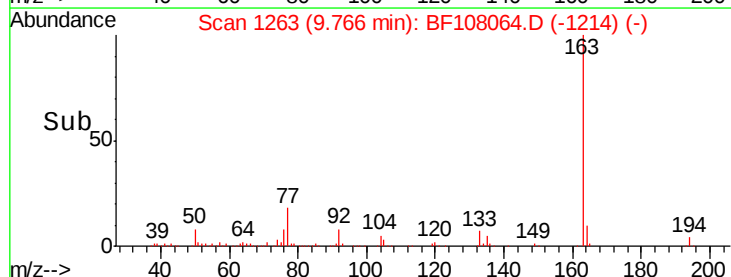
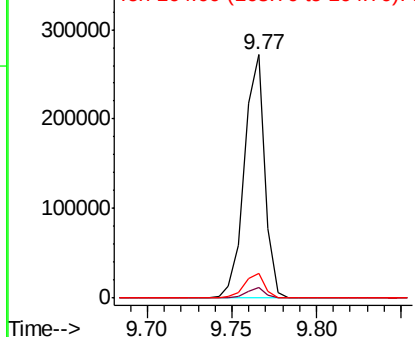


#49
Dimethylphthalate
Concen: 6.093 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108064.D
Acq: 9 Aug 2018 20:34

Tgt Ion:163 Resp: 229843
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.4 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

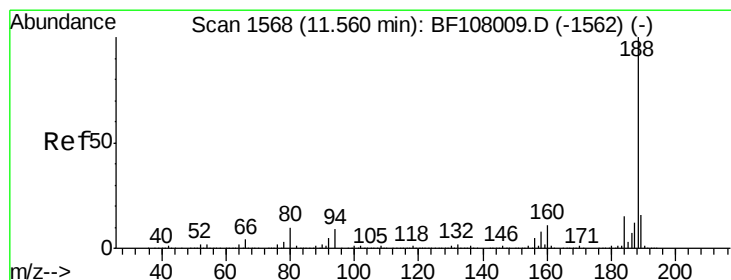
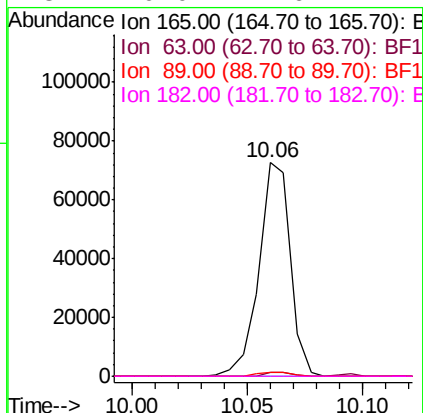
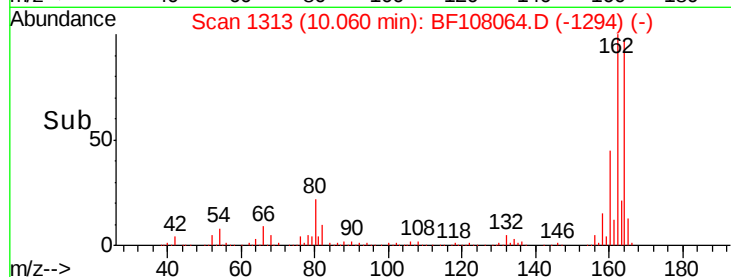
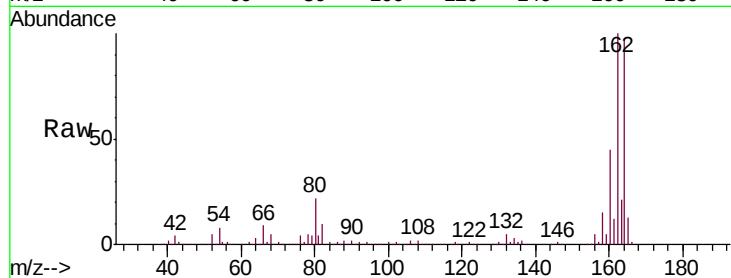




#56
2,4-Dinitrotoluene
Concen: 6.809 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108064.D
Acq: 9 Aug 2018 20:34

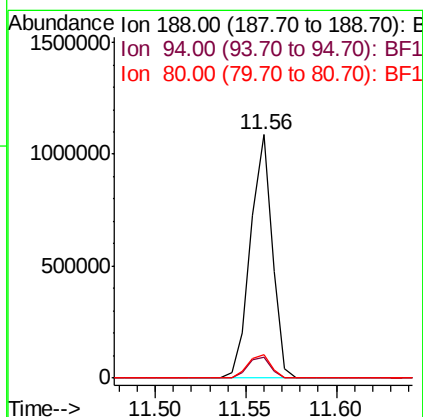
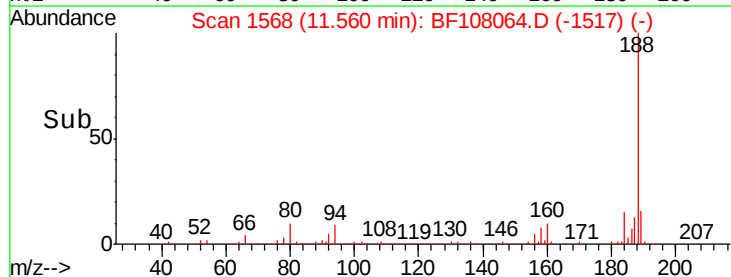
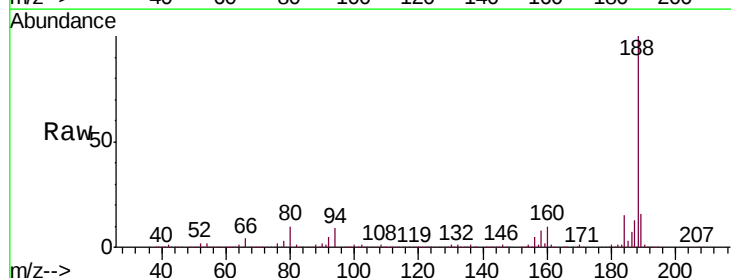
Instrument :
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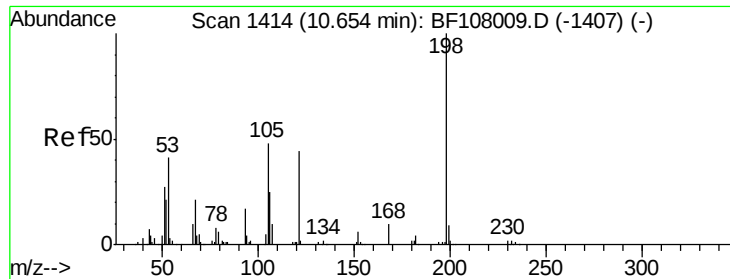
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF108064.D
Acq: 9 Aug 2018 20:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.6	9.2	13.8

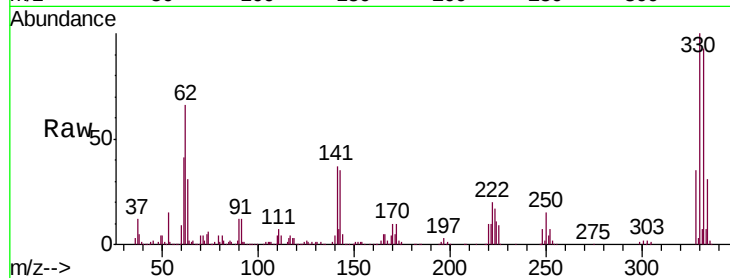




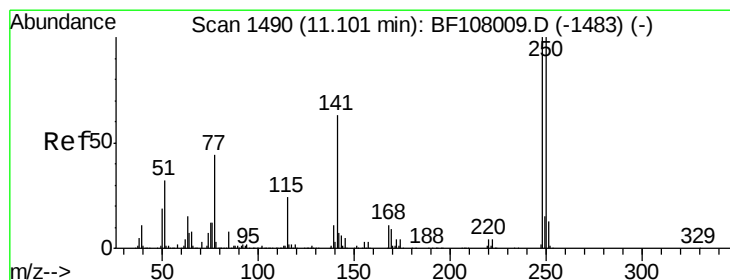
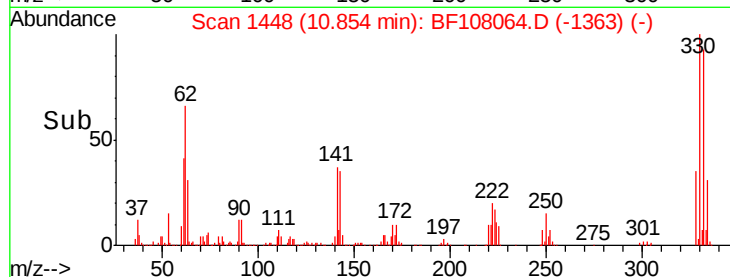
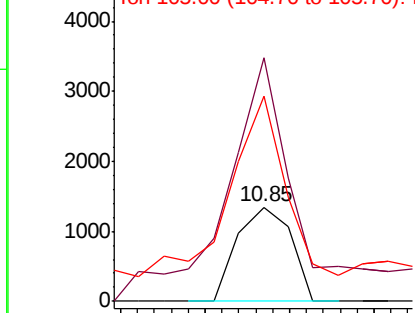
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.671 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108064.D
 Acq: 9 Aug 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 S-1A

Tgt Ion:198 Resp: 1198
 Ion Ratio Lower Upper
 198 100
 51 259.1 37.7 77.7#
 105 218.6 36.3 76.3#

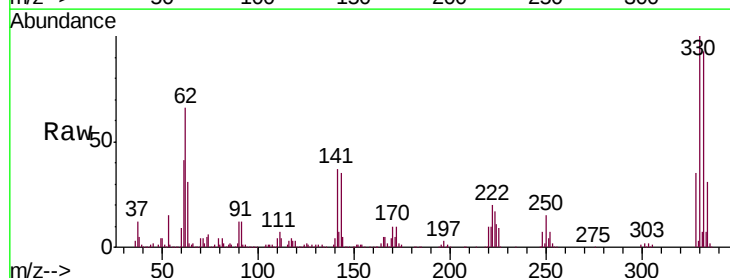


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

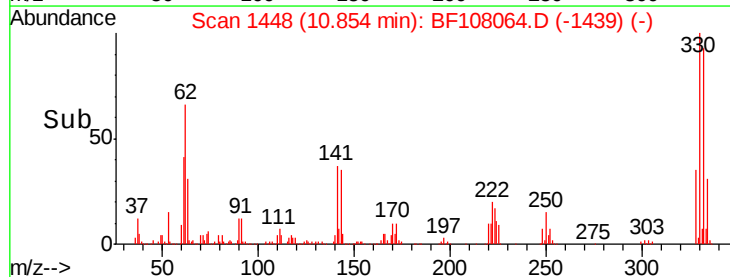
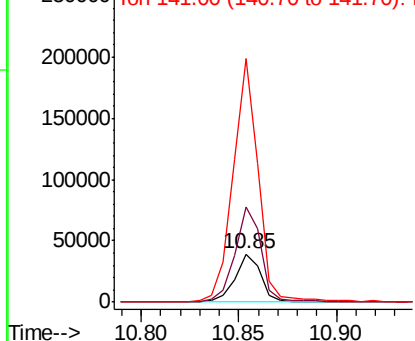


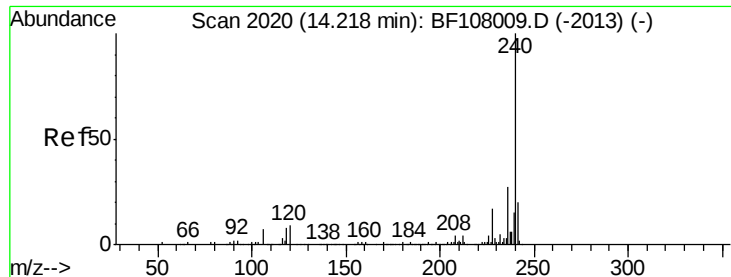
#66
 4-Bromophenyl-phenylether
 Concen: 3.586 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108064.D
 Acq: 9 Aug 2018 20:34

Tgt Ion:248 Resp: 35395
 Ion Ratio Lower Upper
 248 100
 250 198.9 76.9 115.3#
 141 507.6 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: BF108064.D

Acq: 9 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

S-1A

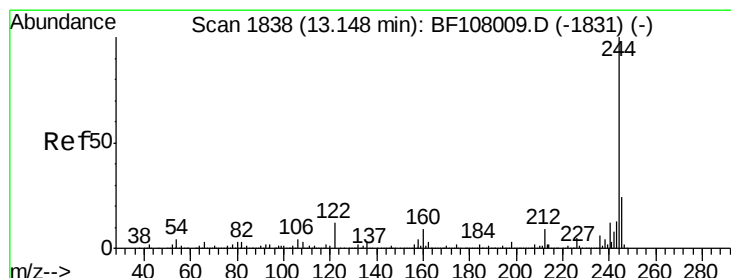
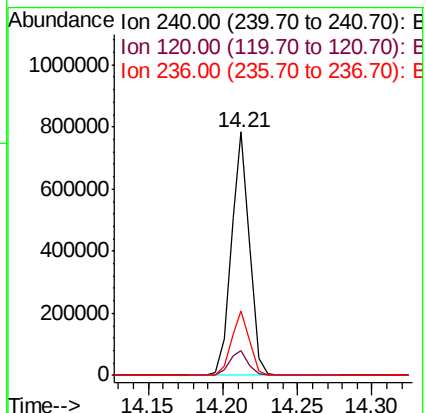
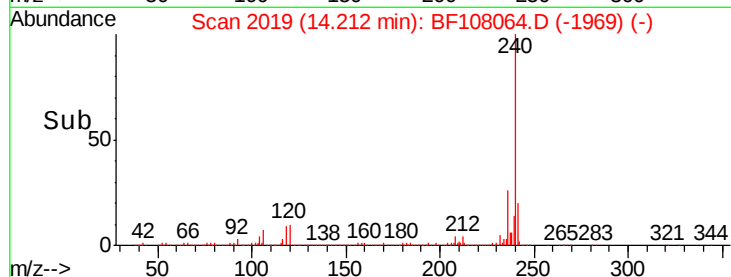
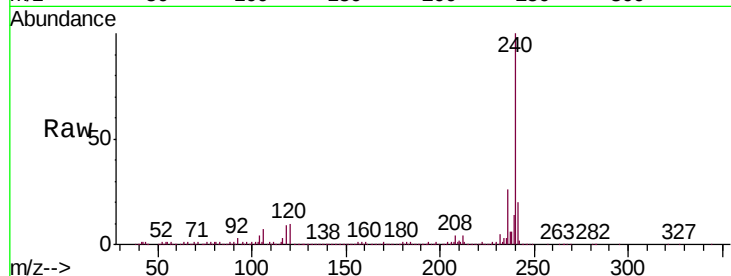
Tgt Ion:240 Resp: 670670

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

236 26.4 20.7 31.1



#78

Terphenyl-d14

Concen: 77.309 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108064.D

Acq: 9 Aug 2018 20:34

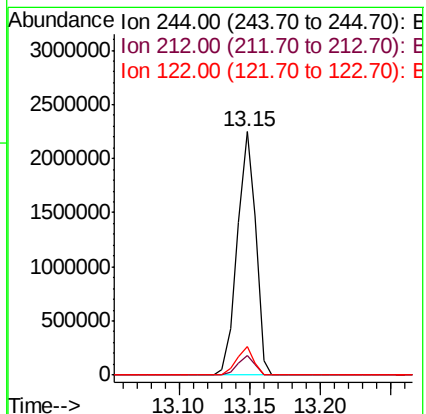
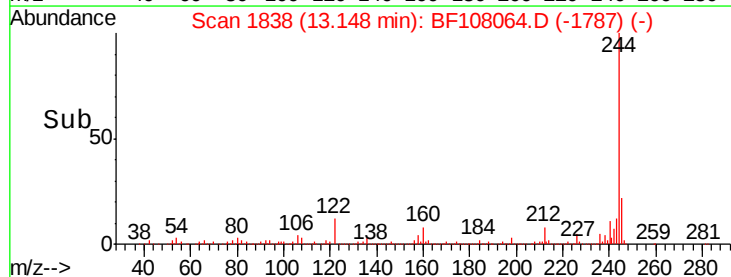
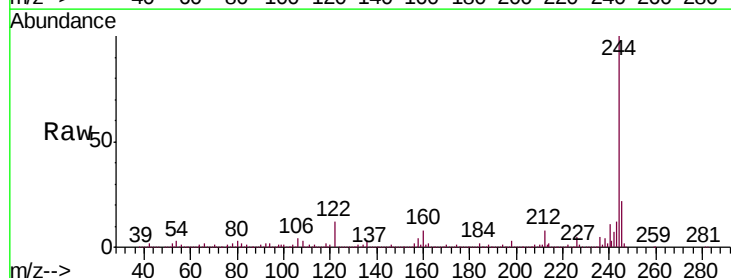
Tgt Ion:244 Resp: 2039235

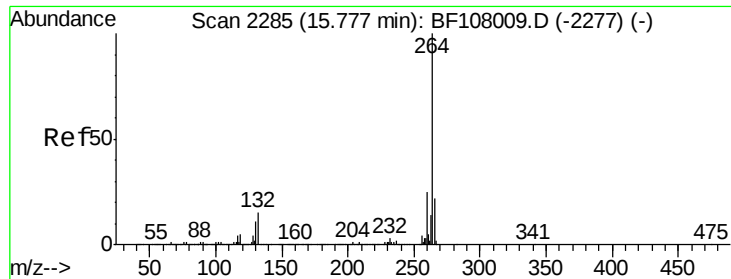
Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

122 11.6 11.0 16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF108064.D
Acq: 9 Aug 2018 20:34

Instrument :
BNA_F
ClientSampleId :
S-1A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.4	17.5	26.3

