

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
 Data File : BF108065.D
 Acq On : 9 Aug 2018 21:01
 Operator : JU/SJ
 Sample : J4383-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JTY-GW-05

Quant Time: Aug 10 01:10:48 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	303562	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1103057	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	513455	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	864186	20.00	ng	0.00
75) Chrysene-d12	14.21	240	703614	20.00	ng	0.00
86) Perylene-d12	15.78	264	550161	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	1113705	66.42	ng	0.00
7) Phenol-d6	6.62	99	967076	43.40	ng	0.00
23) Nitrobenzene-d5	7.58	82	1785587	90.33	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	642519	125.45	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2827256	88.40	ng	0.00
78) Terphenyl-d14	13.15	244	2621187	94.72	ng	0.00

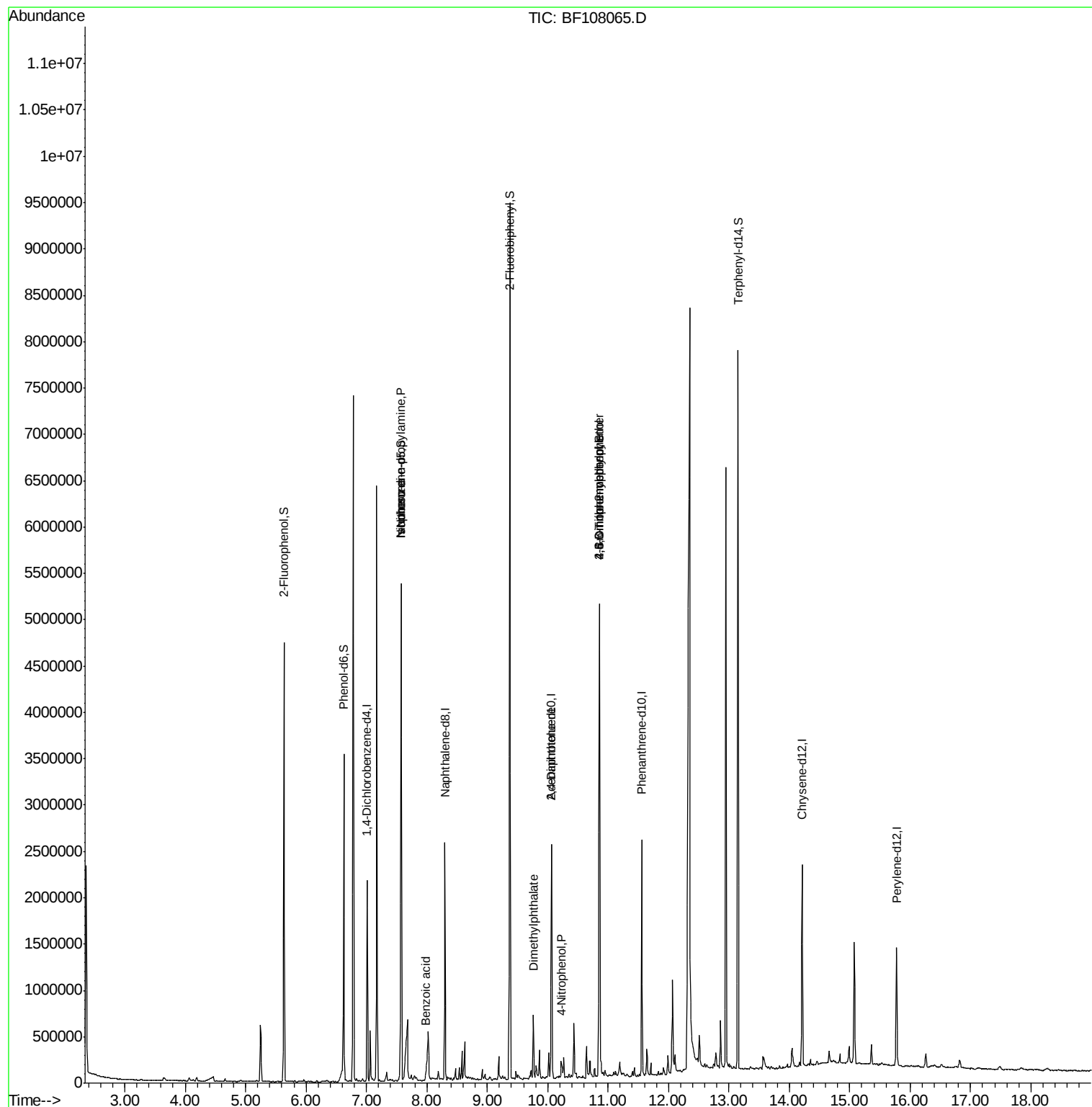
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	251581	16.697	ng	# 86
25) Isophorone	7.58	82	1780730	47.262	ng	# 64
32) Benzoic acid	7.98	122	7421	6.644	ng	# 86
49) Dimethylphthalate	9.77	163	242098	6.769	ng	# 99
55) 4-Nitrophenol	10.22	139	34342	5.539	ng	# 11
56) 2,4-Dinitrotoluene	10.06	165	66405	6.894	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.85	198	1747	5.837	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	44409	4.729	ng	# 1

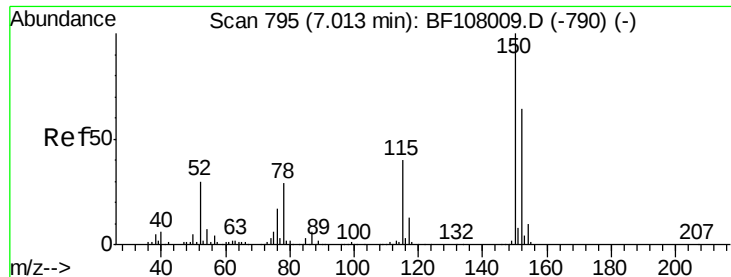
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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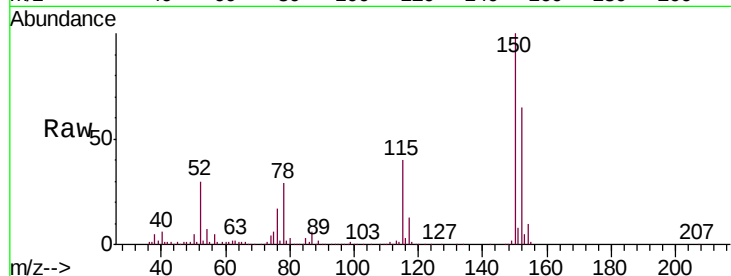


#1

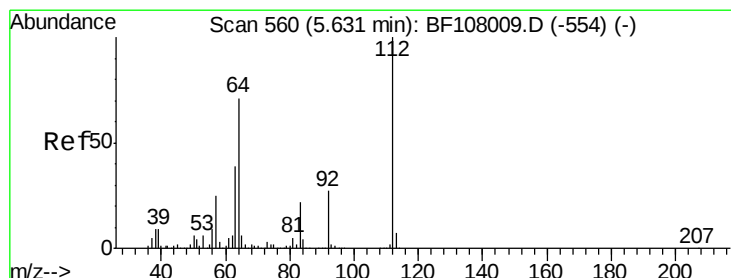
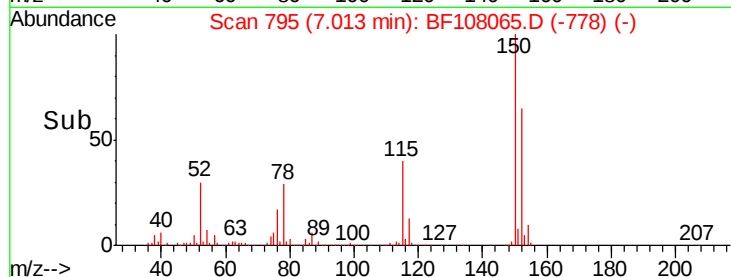
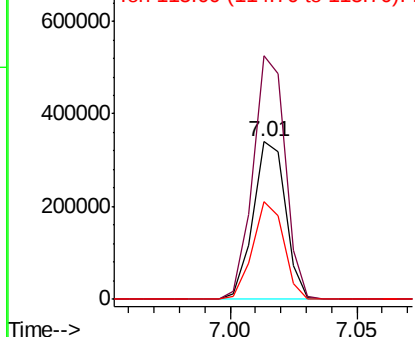
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Instrument :
BNA_F
ClientSampleId :
JTY-GW-05

Tgt Ion:152 Resp: 303562
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 61.9 50.1 75.1



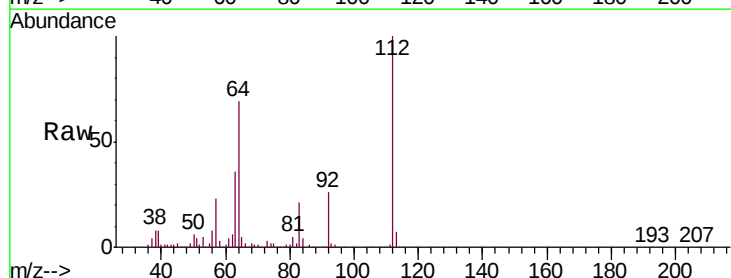
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



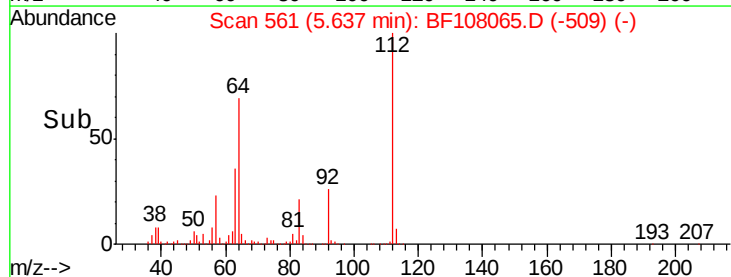
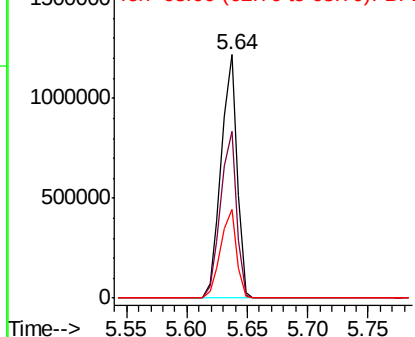
#5

2-Fluorophenol
Concen: 66.422 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion:112 Resp: 1113705
Ion Ratio Lower Upper
112 100
64 68.7 47.9 71.9
63 36.4 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: 43.403 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108065.D

Acq: 9 Aug 2018 21:01

Instrument :

BNA_F

ClientSampleId :

JTY-GW-05

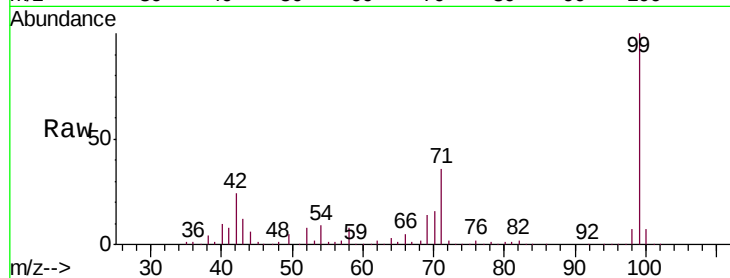
Tgt Ion: 99 Resp: 967076

Ion Ratio Lower Upper

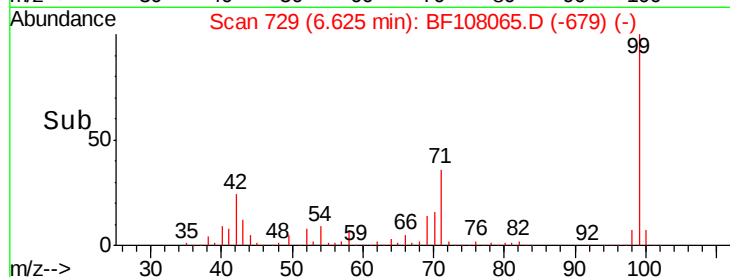
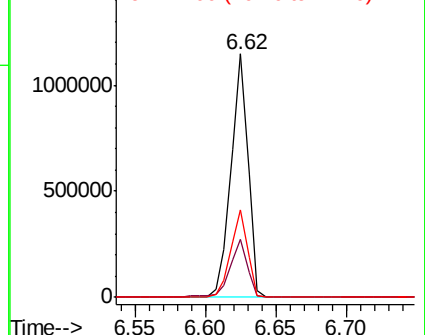
99 100

42 23.8 14.5 21.7#

71 36.0 25.4 38.0



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: 16.697 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108065.D

Acq: 9 Aug 2018 21:01

Tgt Ion: 70 Resp: 251581

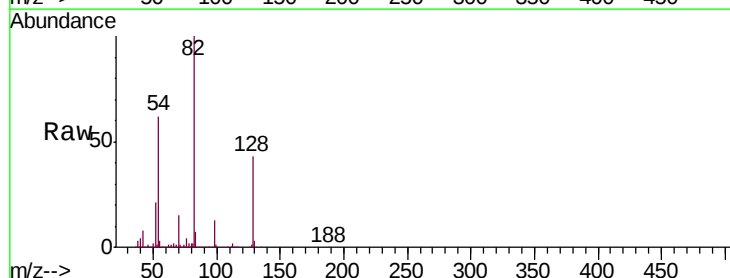
Ion Ratio Lower Upper

70 100

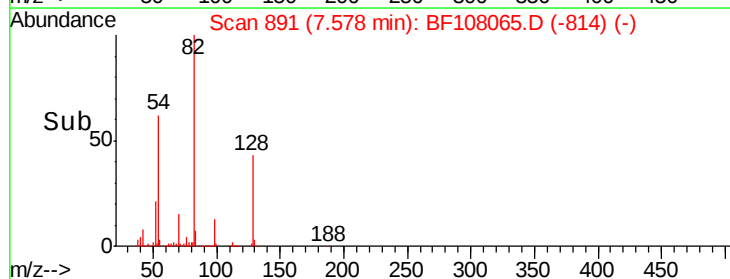
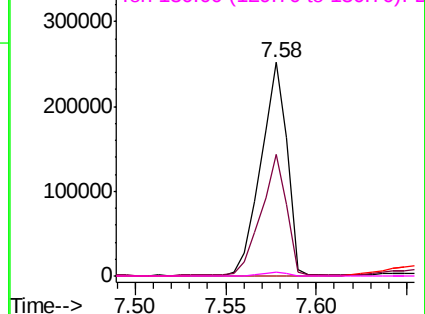
42 56.9 47.5 71.3

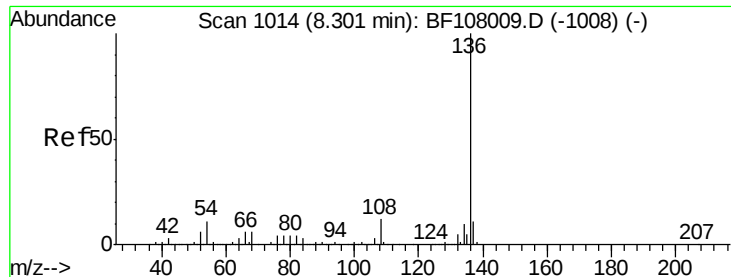
101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108065.D

Acq: 9 Aug 2018 21:01

Instrument :

BNA_F

ClientSampleId :

JTY-GW-05

Tgt Ion:136 Resp: 1103057

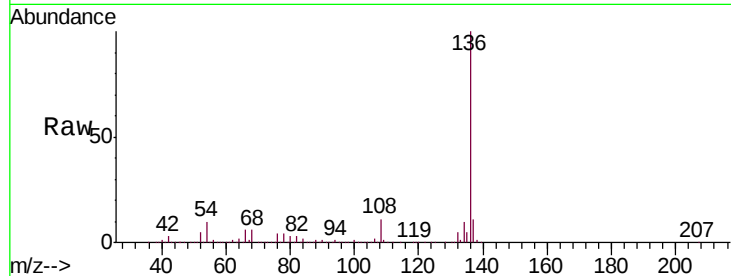
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.1 6.6 9.8#

68 6.0 5.0 7.4

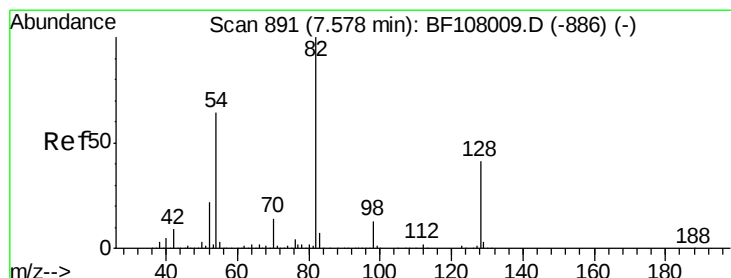
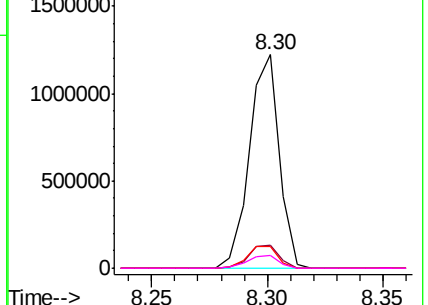
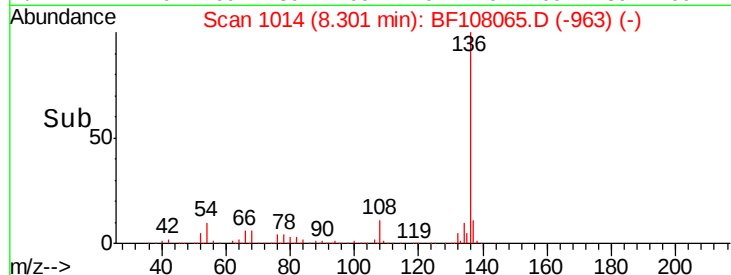


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.329 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108065.D

Acq: 9 Aug 2018 21:01

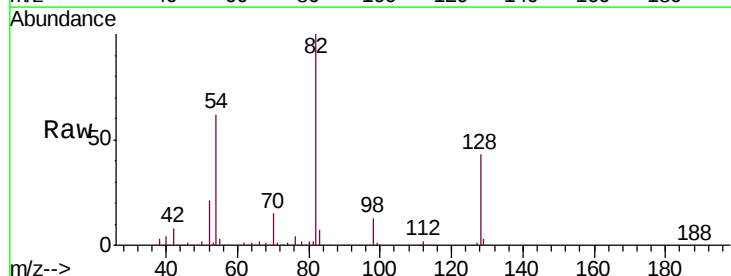
Tgt Ion: 82 Resp: 1785587

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

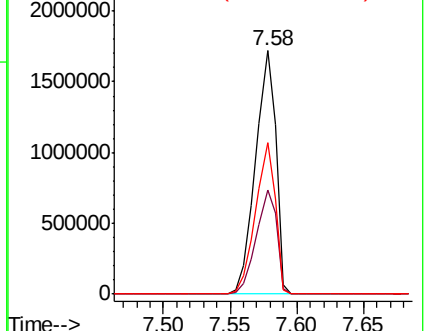
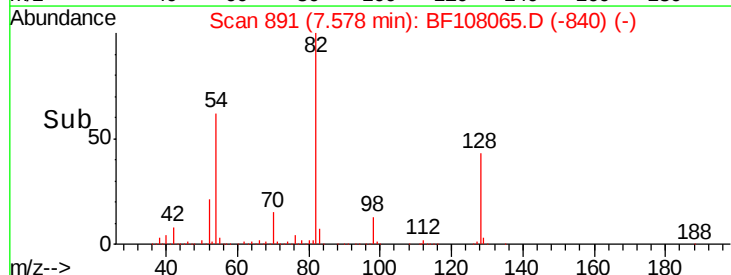
54 62.0 41.4 62.2

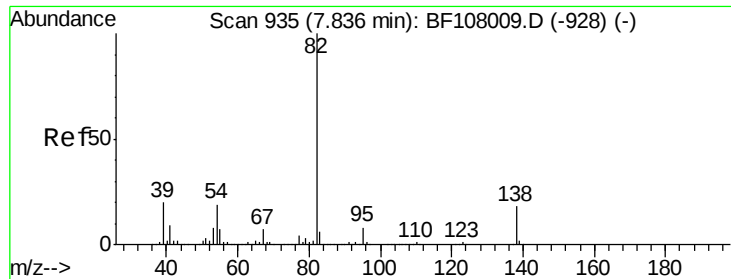


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

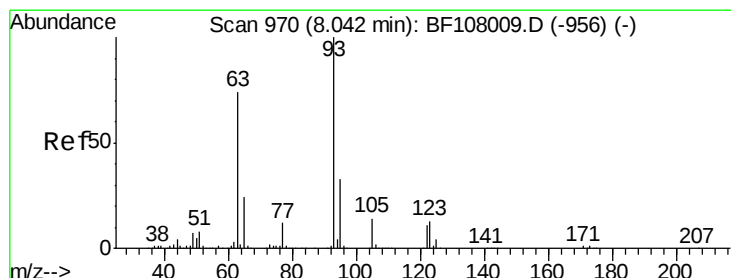
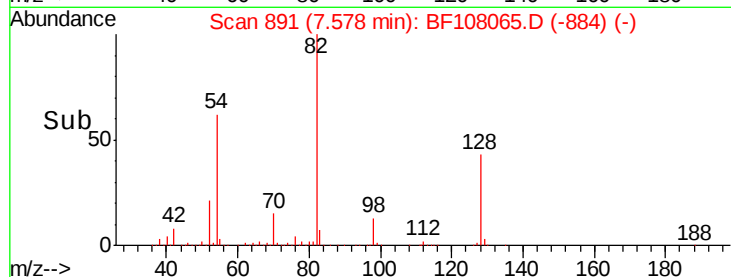
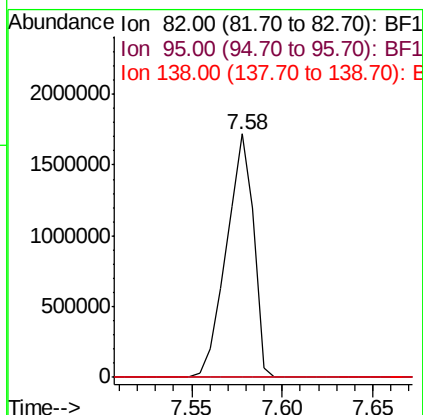
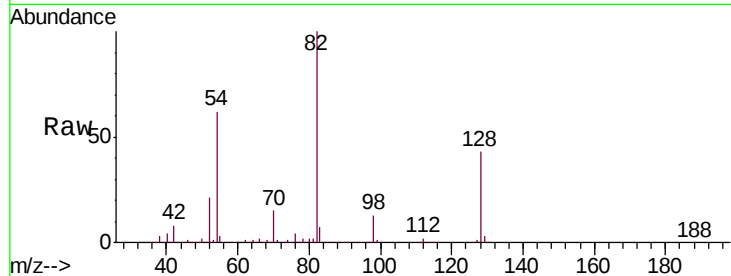




#25
Isophorone
Concen: 47.262 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

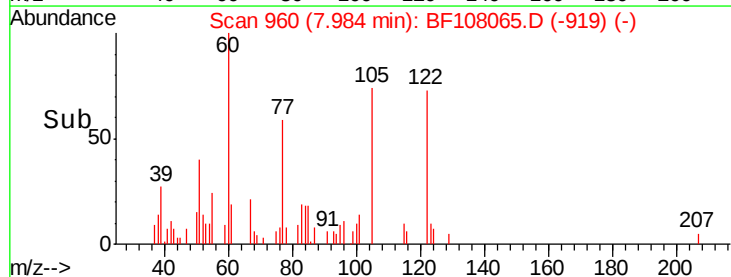
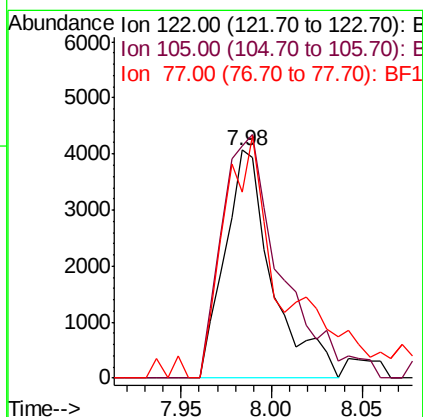
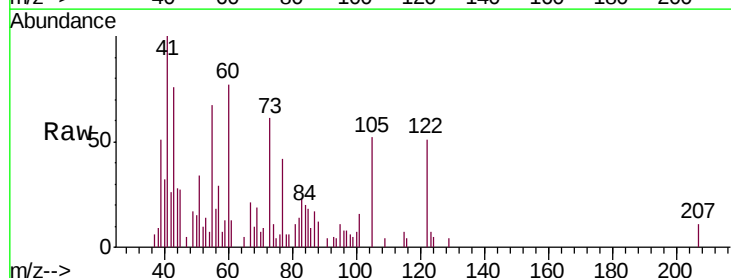
Instrument :
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JTY-GW-05

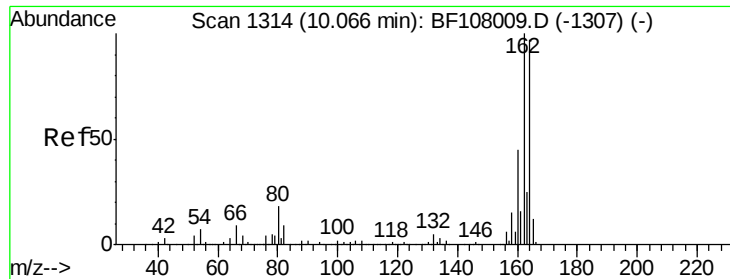
Tgt Ion: 82 Resp: 1780730
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 6.644 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion: 122 Resp: 7421
Ion Ratio Lower Upper
122 100
105 101.6 101.1 141.1
77 81.5 70.7 110.7

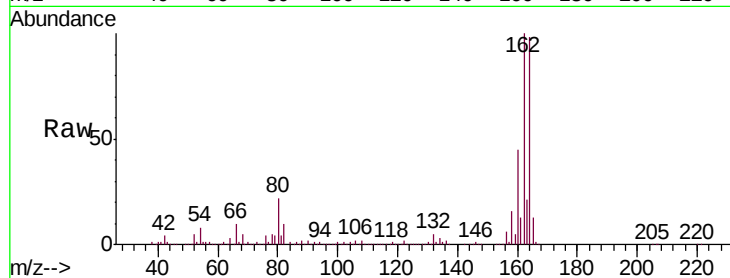




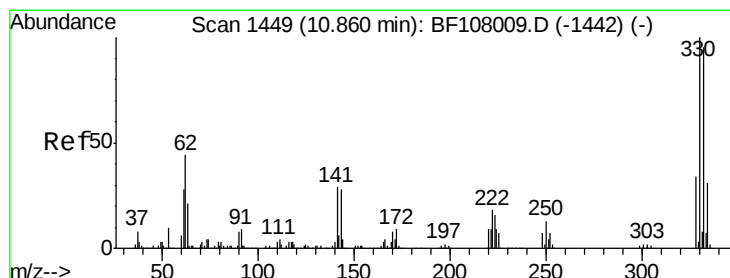
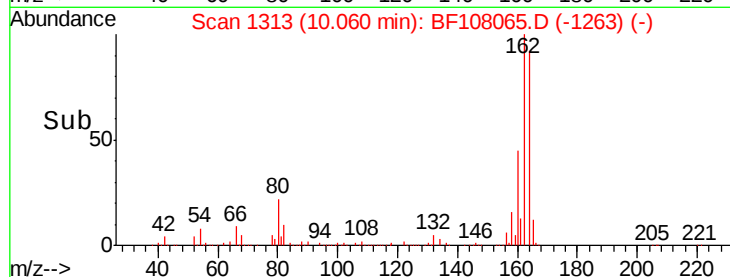
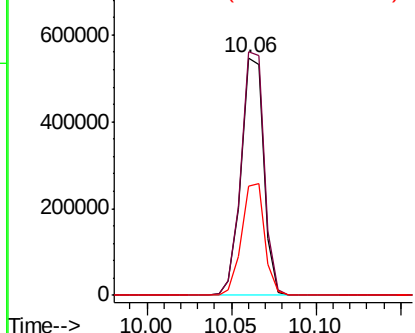
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108065.D
 Acq: 9 Aug 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 JTY-GW-05

Tgt Ion:164 Resp: 513455
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 46.2 38.3 57.5

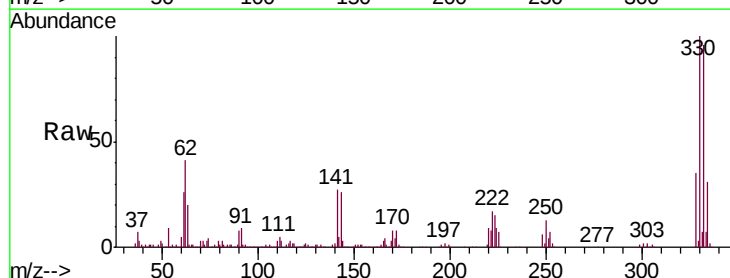


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

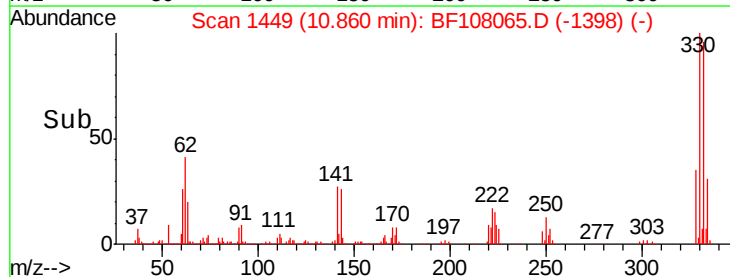
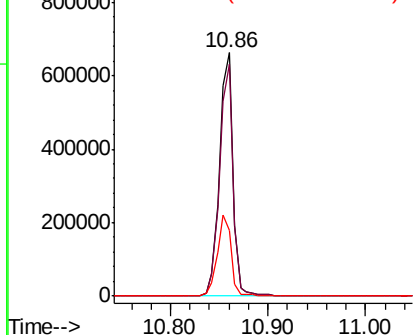


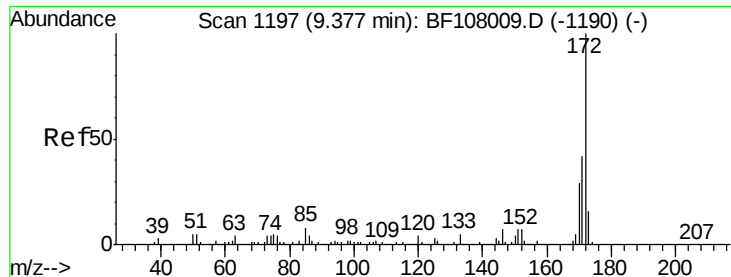
#41
 2,4,6-Tribromophenol
 Concen: 125.453 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108065.D
 Acq: 9 Aug 2018 21:01

Tgt Ion:330 Resp: 642519
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 34.0 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

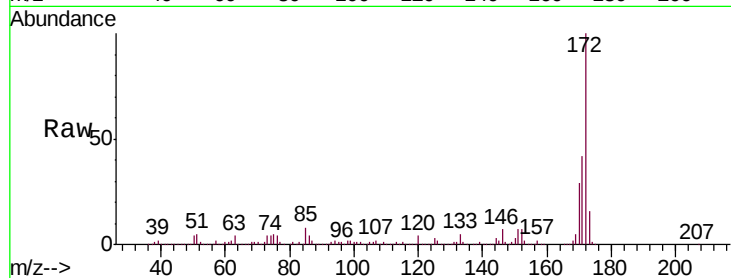




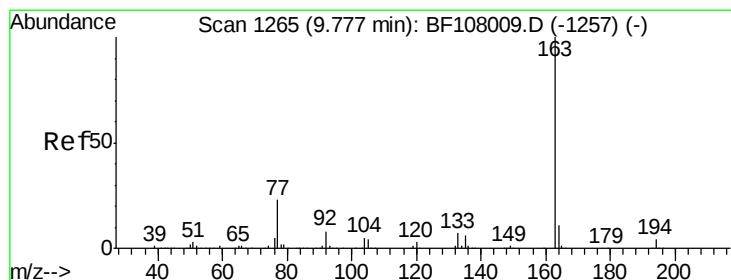
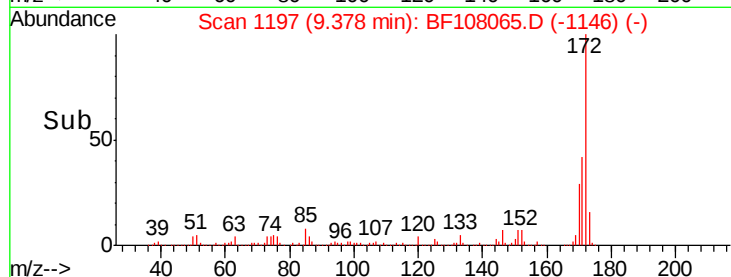
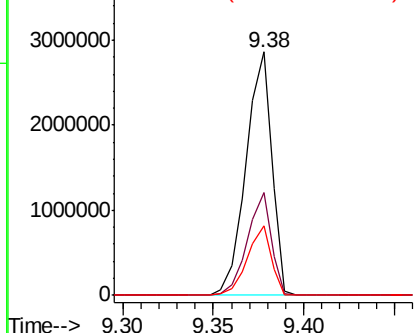
#44
2-Fluorobiphenyl
Concen: 88.403 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 2827256
Ion Ratio Lower Upper
172 100
171 42.1 29.7 44.5
170 28.7 19.6 29.4

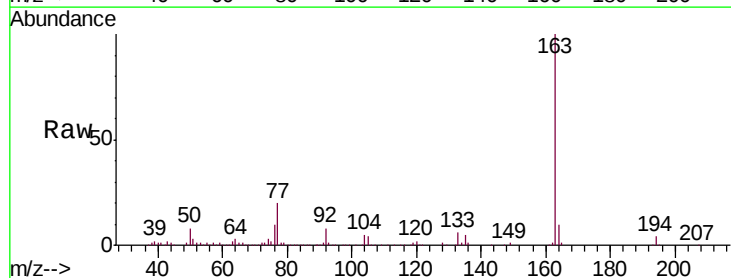


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

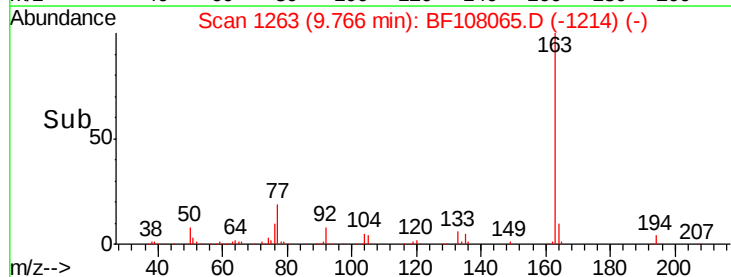
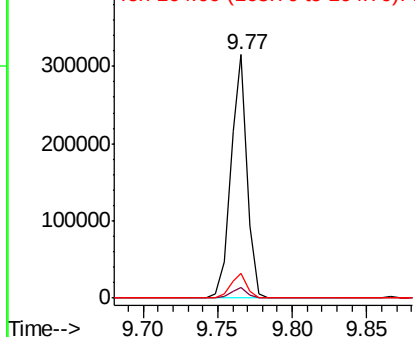


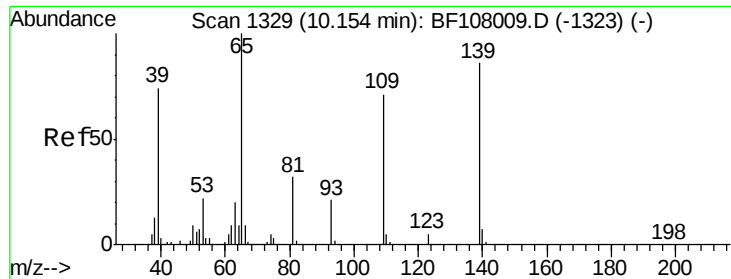
#49
Dimethylphthalate
Concen: 6.769 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion:163 Resp: 242098
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

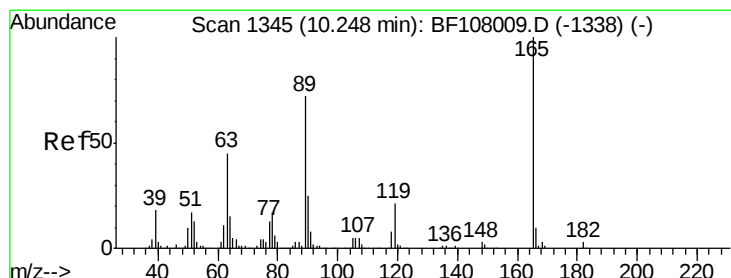
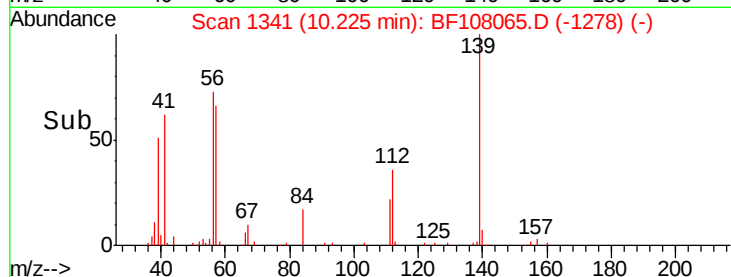
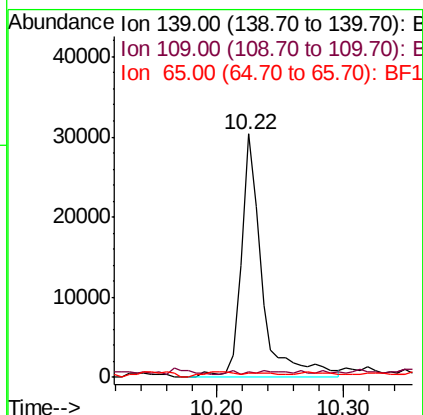
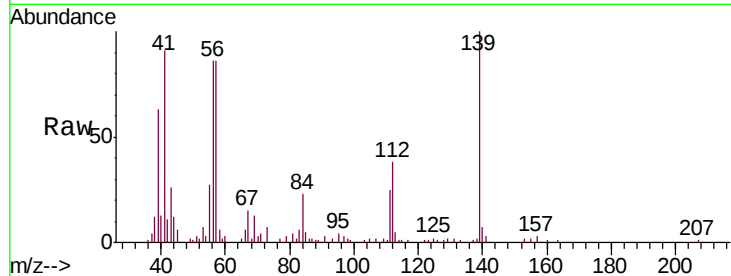




#55
4-Nitrophenol
Concen: 5.539 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

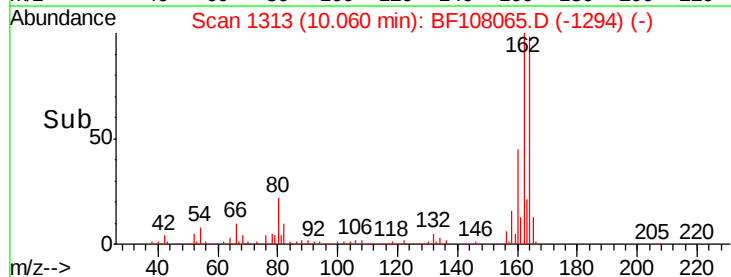
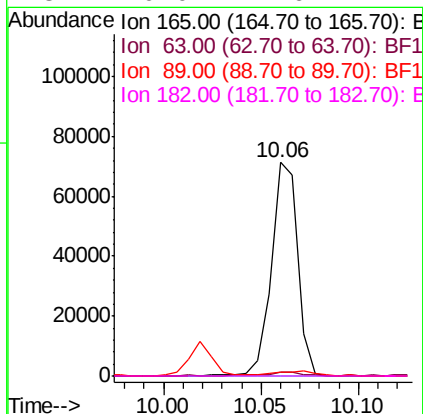
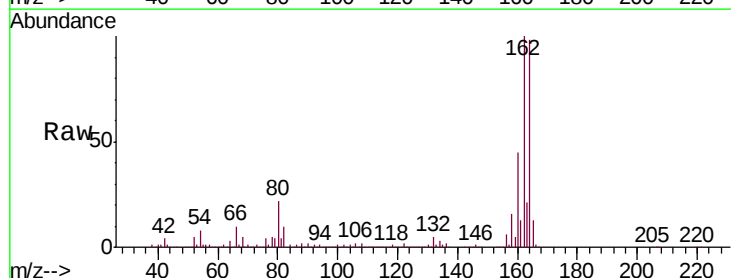
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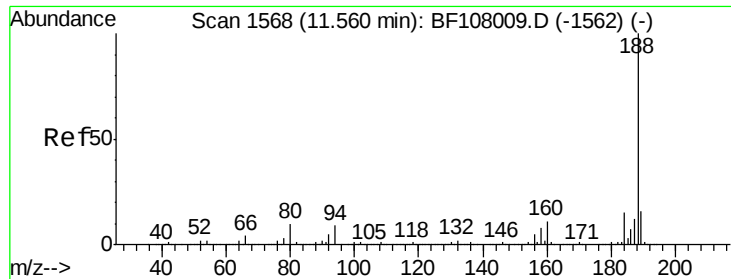
Tgt Ion:139 Resp: 34342
Ion Ratio Lower Upper
139 100
109 2.1 48.4 88.4#
65 1.6 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 6.894 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion:165 Resp: 66405
Ion Ratio Lower Upper
165 100
63 2.0 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#

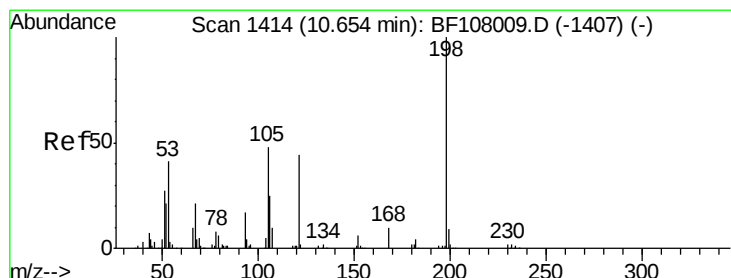
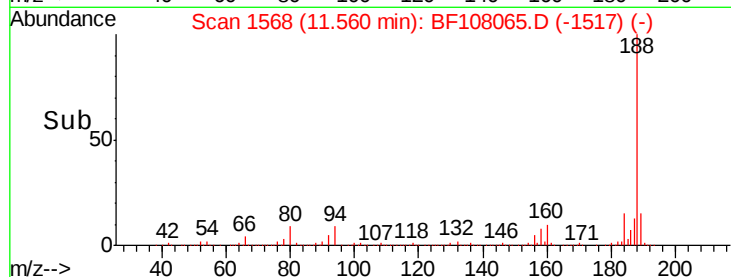
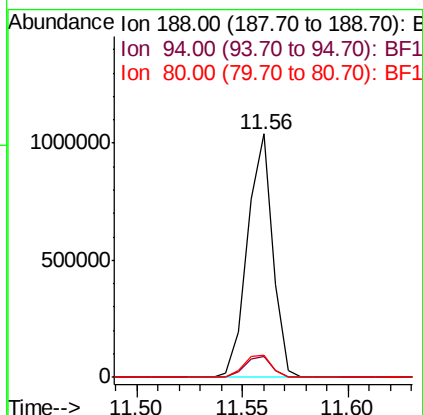
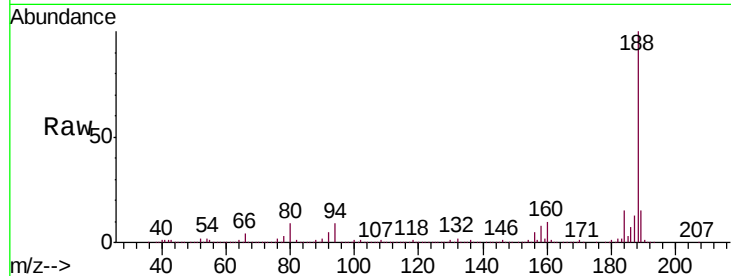




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108065.D
 Acq: 9 Aug 2018 21:01

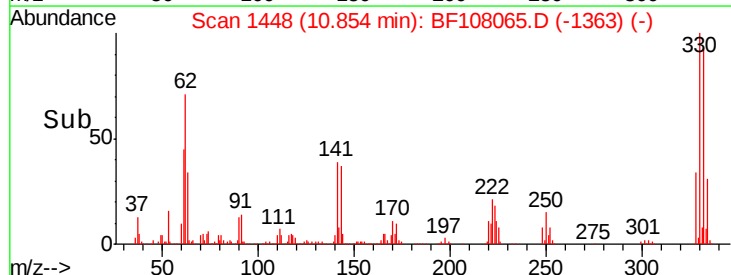
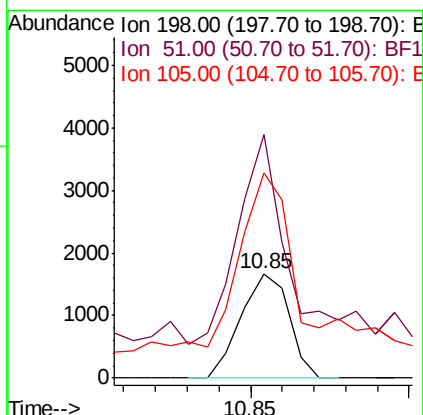
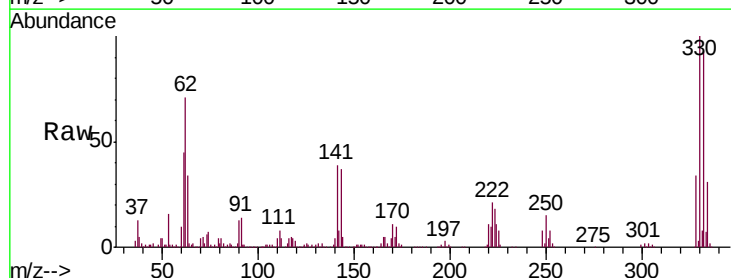
Instrument :
 BNA_F
 ClientSampleId :
 JTY-GW-05

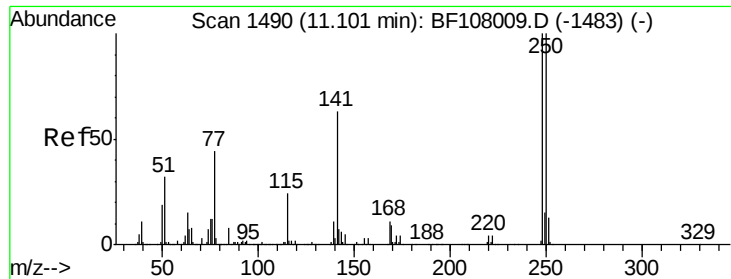
Tgt Ion:188 Resp: 864186
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.5 12.7
 80 9.2 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.837 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108065.D
 Acq: 9 Aug 2018 21:01

Tgt Ion:198 Resp: 1747
 Ion Ratio Lower Upper
 198 100
 51 233.3 37.7 77.7#
 105 196.2 36.3 76.3#

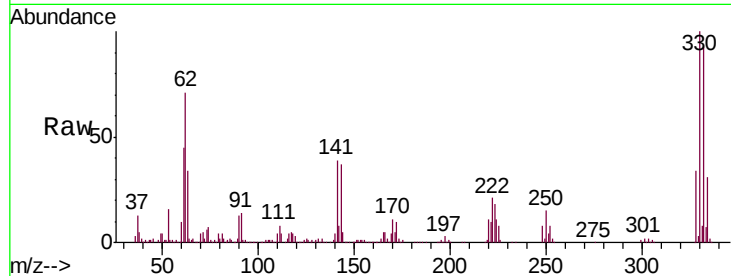




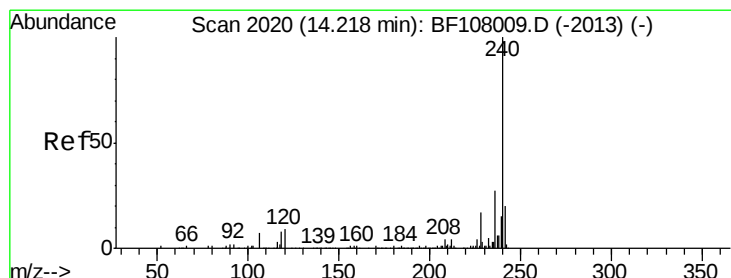
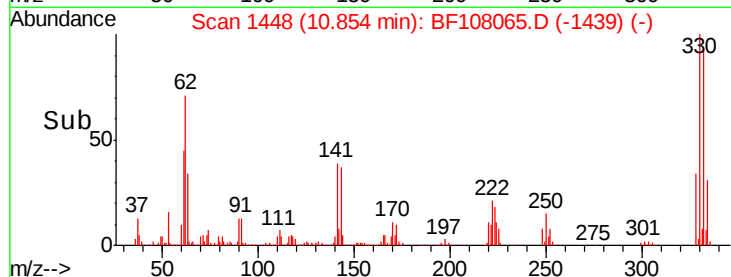
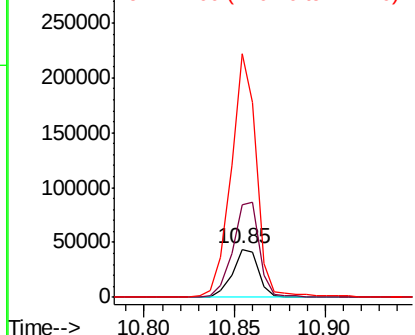
#66
4-Bromophenyl-phenylether
Concen: 4.729 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Instrument :
BNA_F
ClientSampleId :
JTY-GW-05

Tgt Ion:248 Resp: 44409
Ion Ratio Lower Upper
248 100
250 191.6 76.9 115.3#
141 507.3 74.4 111.6#

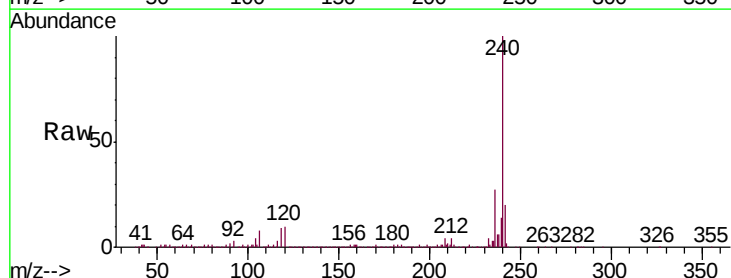


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

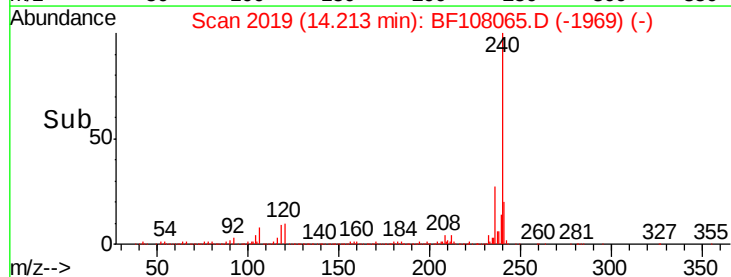
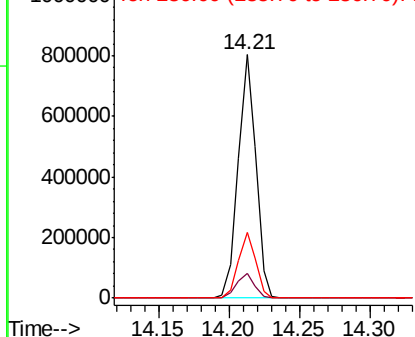


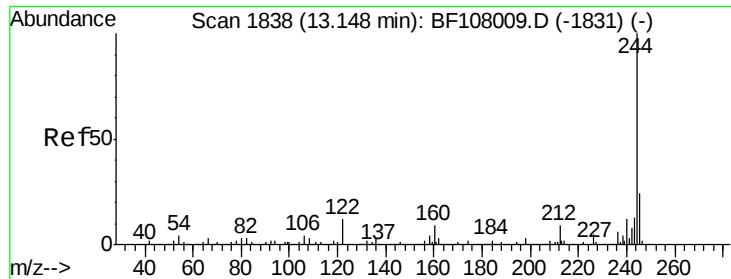
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108065.D
Acq: 9 Aug 2018 21:01

Tgt Ion:240 Resp: 703614
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 27.2 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: 94.719 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108065.D

Acq: 9 Aug 2018 21:01

Instrument :

BNA_F

ClientSampleId :

JTY-GW-05

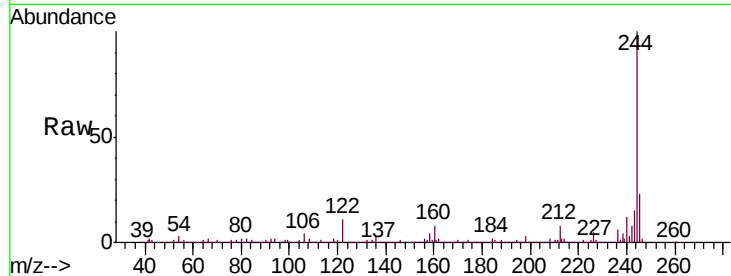
Tgt Ion:244 Resp: 2621187

Ion Ratio Lower Upper

244 100

212 8.5 5.4 8.0#

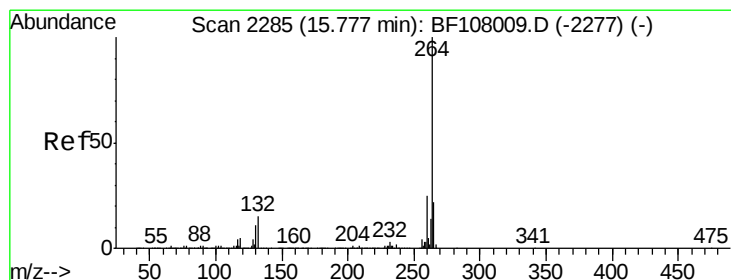
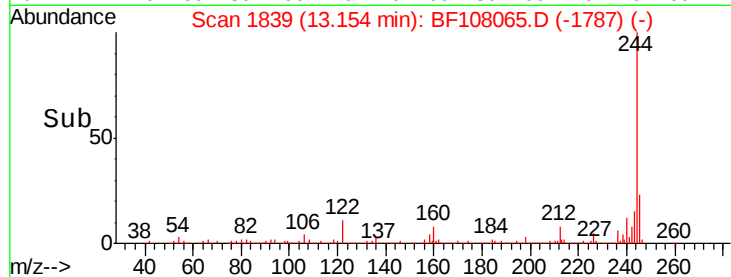
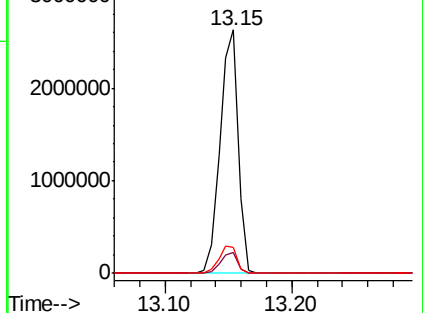
122 10.8 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108065.D

Acq: 9 Aug 2018 21:01

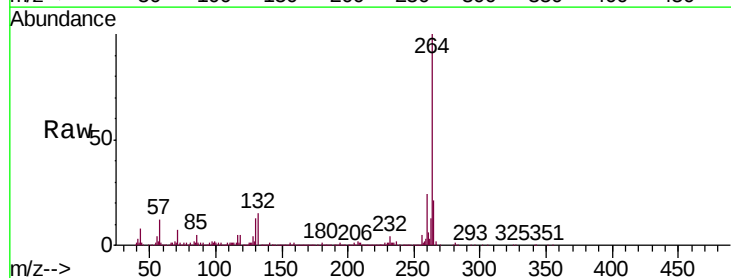
Tgt Ion:264 Resp: 550161

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

