

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106508.D
 Acq On : 15 Jun 2018 22:31
 Operator : JU/SJ
 Sample : J3508-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KGS-SIDE-2-3

Quant Time: Jun 16 02:11:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120374	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	422256	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	170440	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	314559	20.00	ng	0.00
75) Chrysene-d12	14.15	240	339710	20.00	ng	0.00
86) Perylene-d12	15.69	264	227441	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	380882	53.55	ng	0.00
7) Phenol-d6	6.61	99	287179	31.96	ng	0.00
23) Nitrobenzene-d5	7.53	82	653907	91.10	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	218767	133.40	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1016518	120.03	ng	0.00
78) Terphenyl-d14	13.09	244	1092967	79.91	ng	0.00

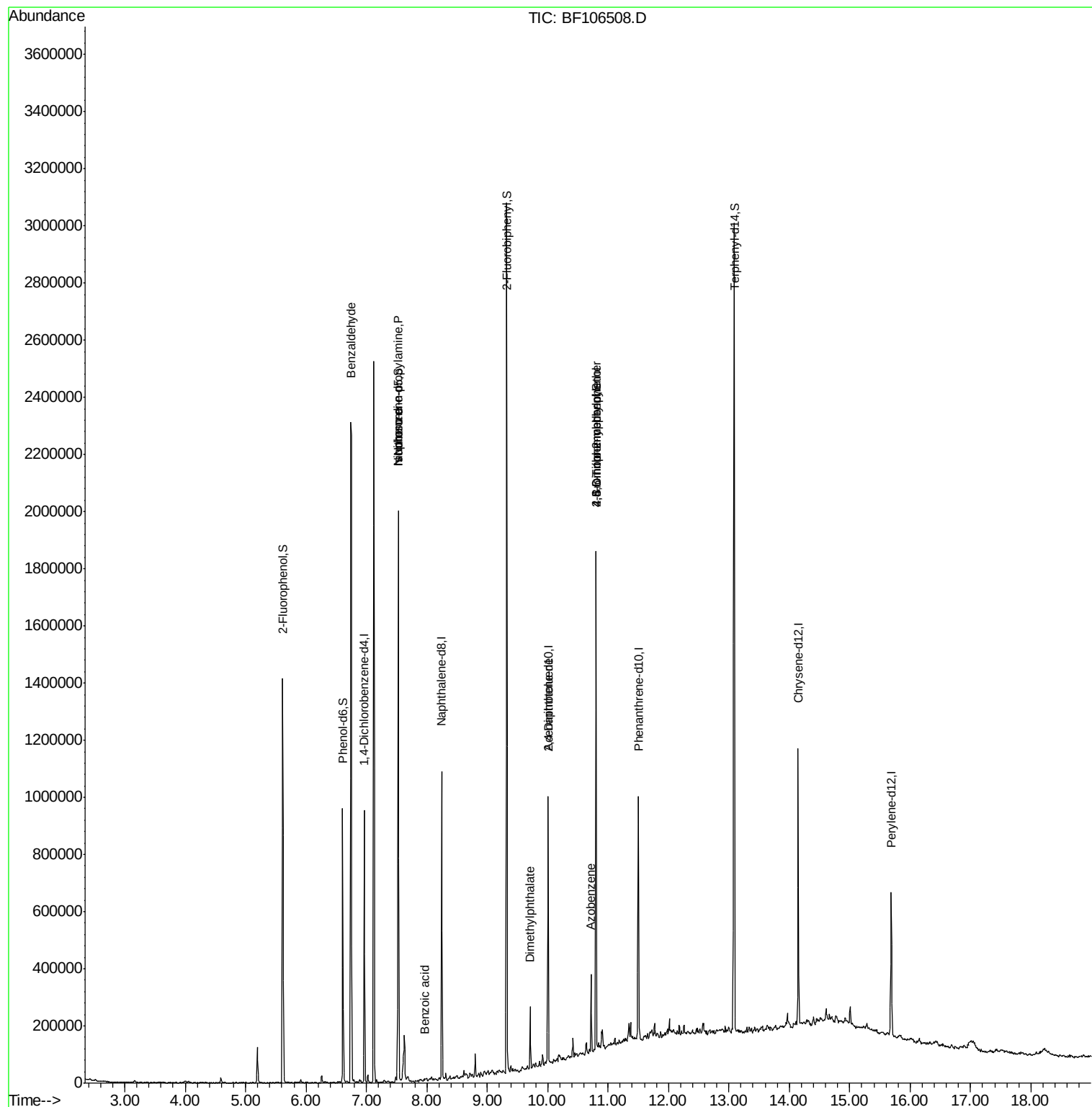
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	15122	2.219	ng	# 79
19) n-Nitroso-di-n-propylamine	7.53	70	88652	13.151	ng	# 75
25) Isophorone	7.53	82	653891	46.641	ng	# 64
32) Benzoic acid	7.96	122	292	7.345	ng	# 83
49) Dimethylphthalate	9.71	163	71921	5.906	ng	# 98
56) 2,4-Dinitrotoluene	10.01	165	24301	7.780	ng	# 23
62) Azobenzene	10.72	77	44441	3.526	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	567	6.585	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13881	3.880	ng	# 1

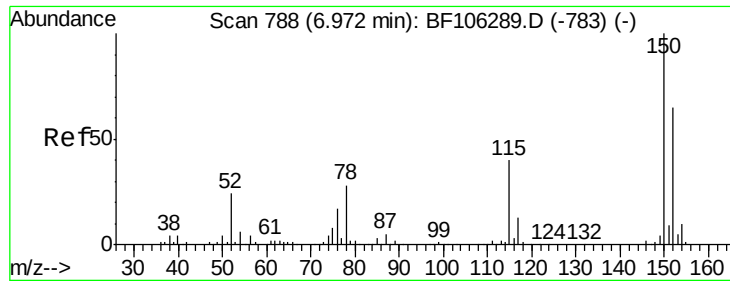
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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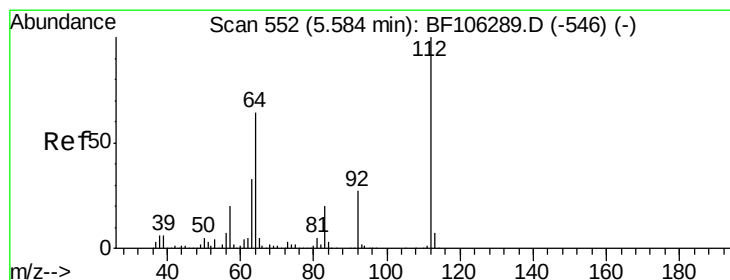
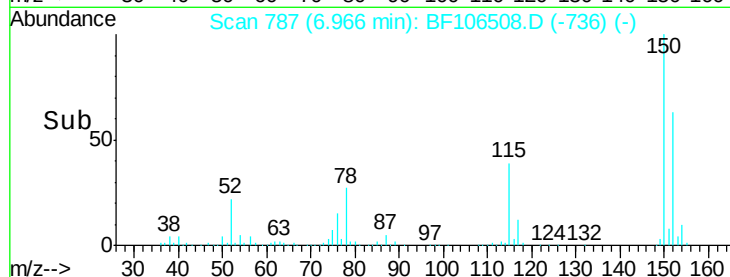
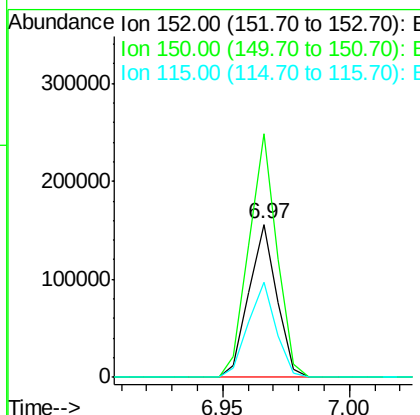
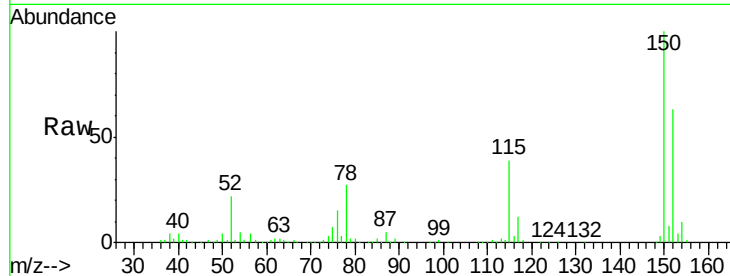




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106508.D
 Acq: 15 Jun 2018 22:31

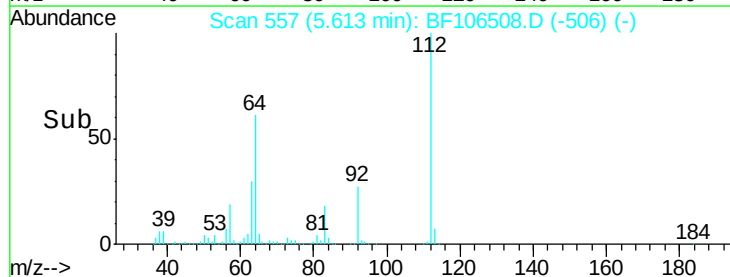
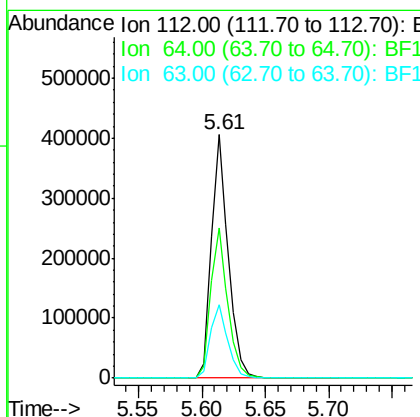
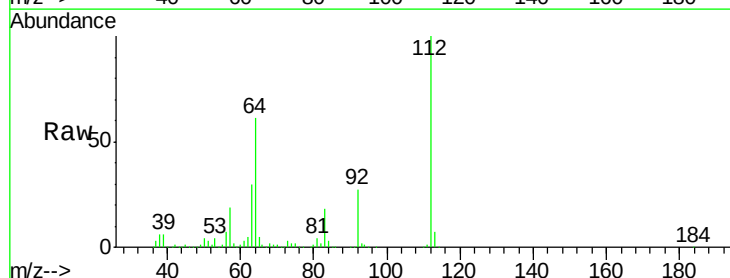
Instrument :
 BNA_F
 ClientSampleId :
 KGS-SIDE-2-3

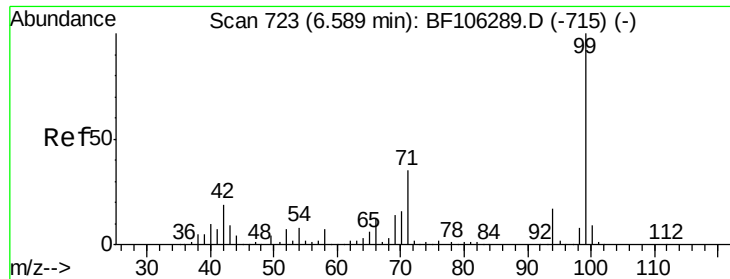
Tgt Ion:152 Resp: 120374
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 61.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 53.553 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF106508.D
 Acq: 15 Jun 2018 22:31

Tgt Ion:112 Resp: 380882
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.9 71.9
 63 30.1 23.7 35.5





#7

Phenol-d6

Concen: 31.960 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106508.D

Acq: 15 Jun 2018 22:31

Instrument :

BNA_F

ClientSampleId :

KGS-SIDE-2-3

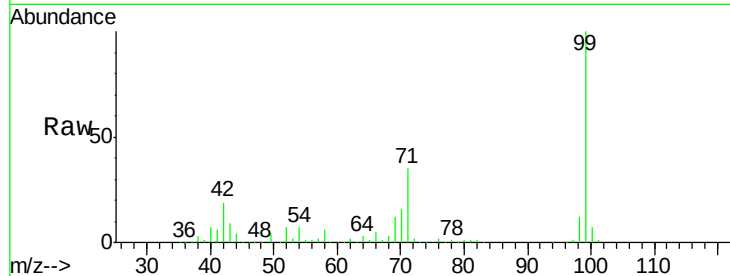
Tgt Ion: 99 Resp: 287179

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

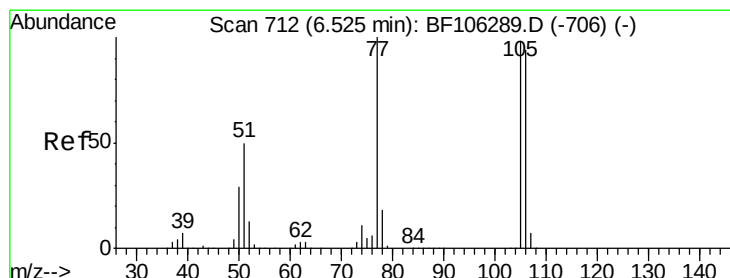
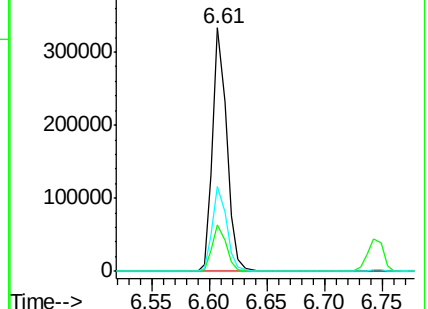
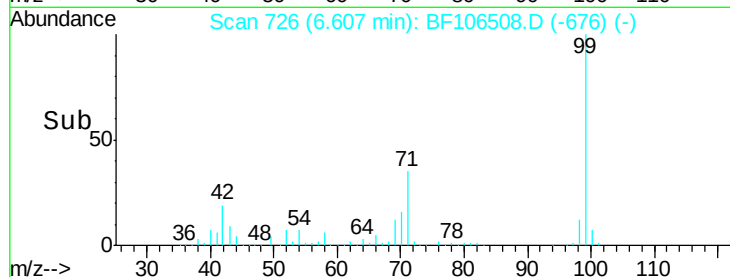
71 34.7 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.219 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106508.D

Acq: 15 Jun 2018 22:31

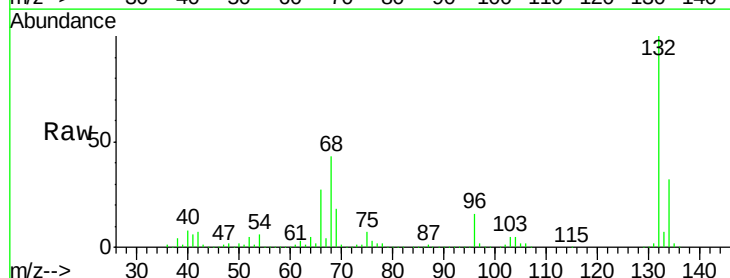
Tgt Ion: 77 Resp: 15122

Ion Ratio Lower Upper

77 100

105 78.2 81.1 121.1#

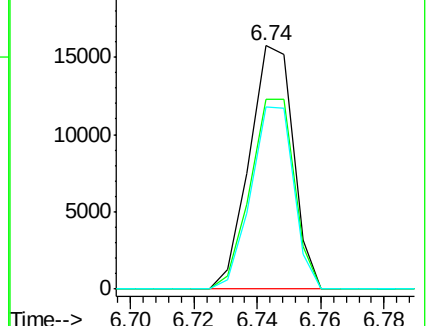
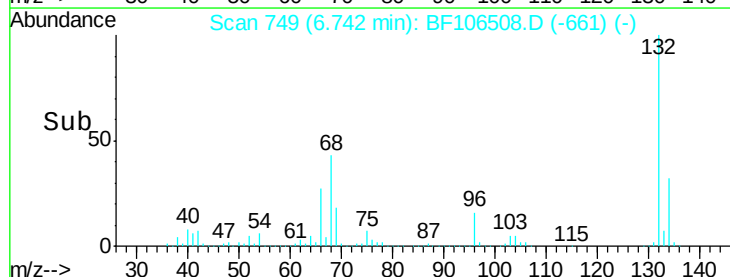
106 75.0 74.5 114.5

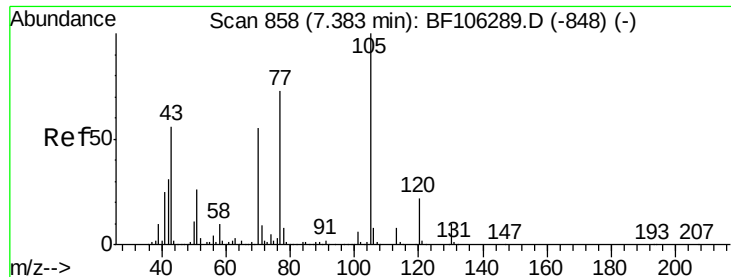


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

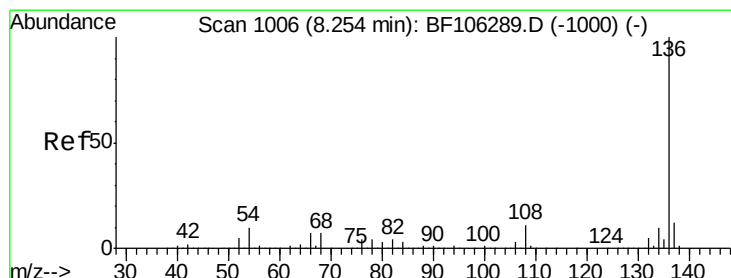
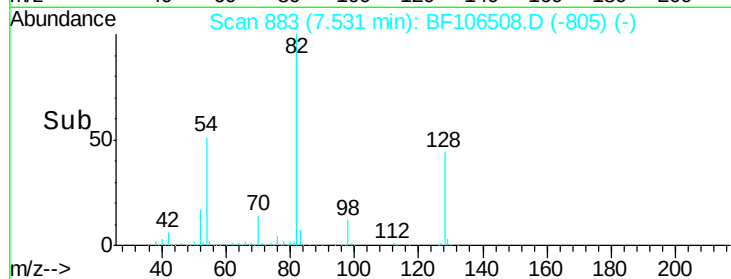
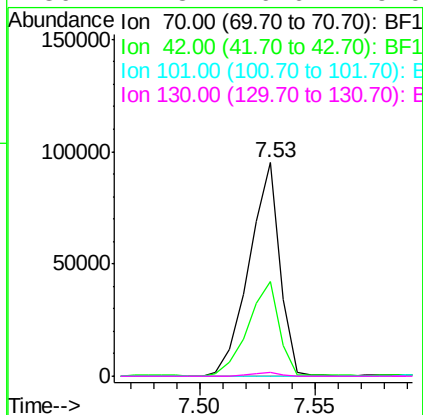
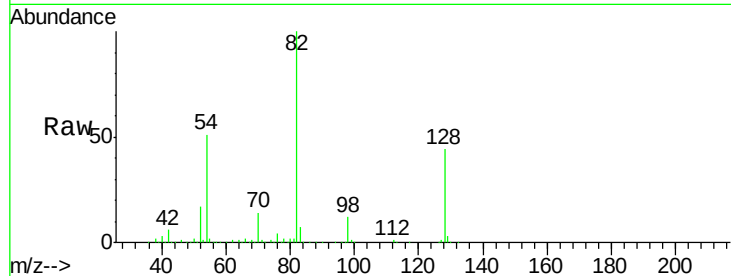




#19
n-Nitroso-di-n-propylamine
Concen: 13.151 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

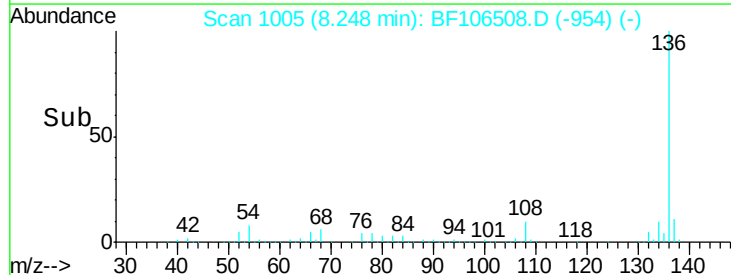
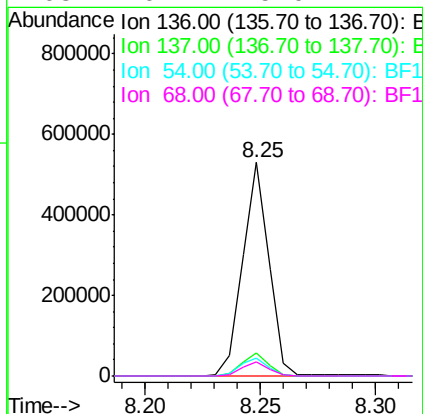
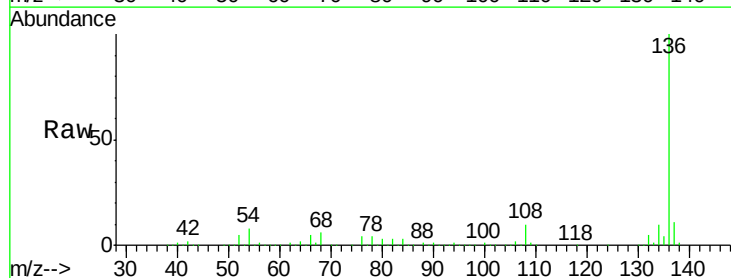
Instrument :
BNA_F
ClientSampleId :
KGS-SIDE-2-3

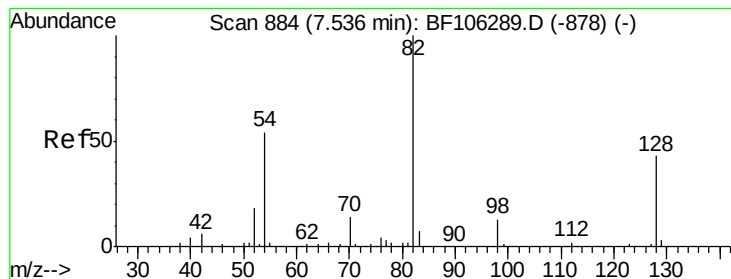
Tgt Ion: 70 Resp: 88652
Ion Ratio Lower Upper
70 100
42 44.4 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Tgt Ion: 136 Resp: 422256
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.5 6.6 9.8
68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 91.102 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106508.D

Acq: 15 Jun 2018 22:31

Instrument :

BNA_F

ClientSampleId :

KGS-SIDE-2-3

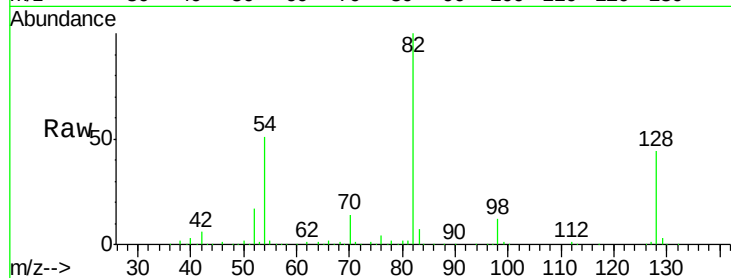
Tgt Ion: 82 Resp: 653907

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

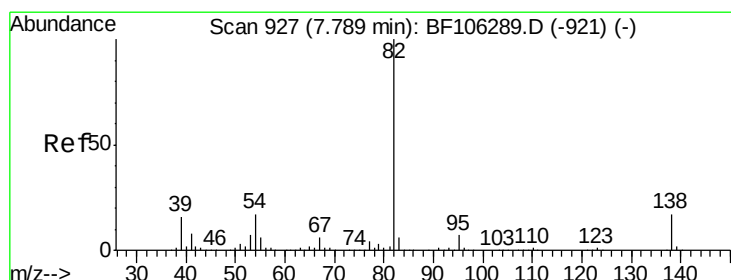
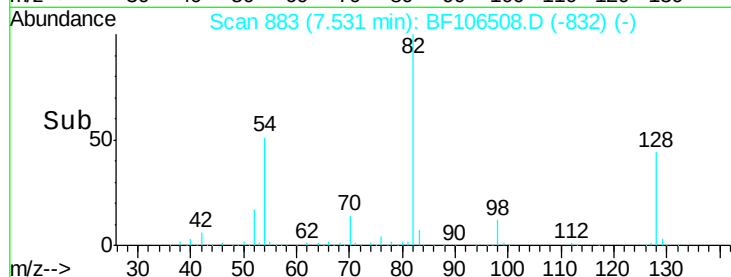
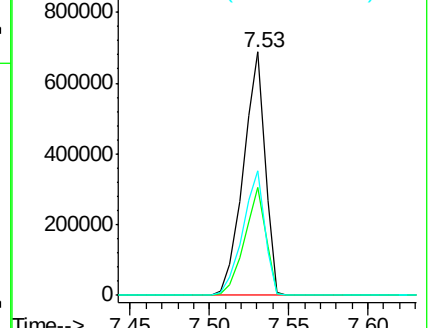
54 51.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 46.641 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106508.D

Acq: 15 Jun 2018 22:31

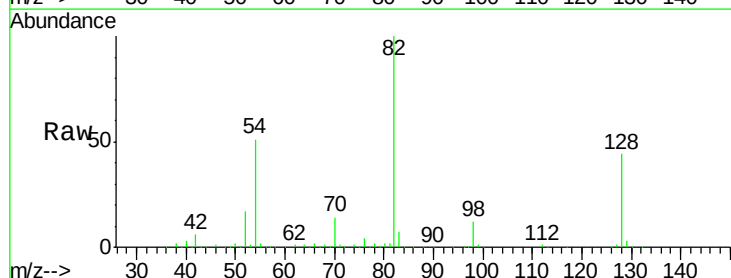
Tgt Ion: 82 Resp: 653891

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

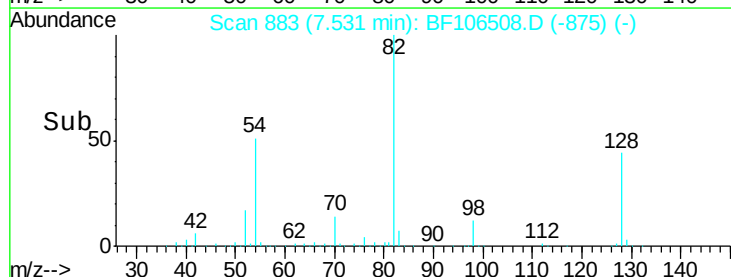
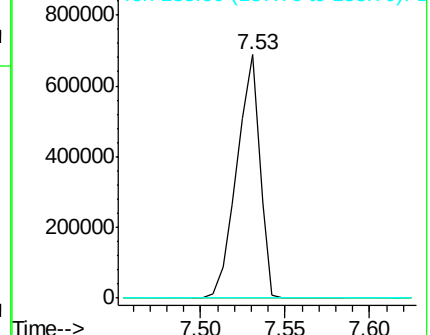
138 0.0 14.9 22.3#

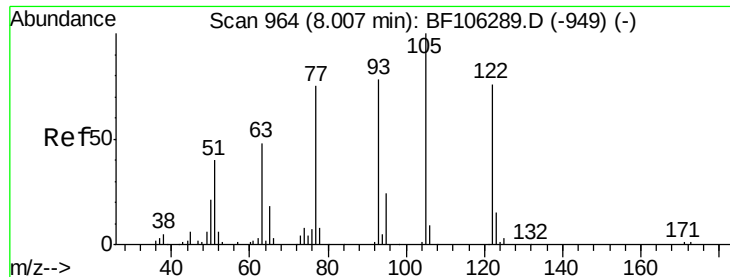


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 7.345 ng

RT: 7.96 min Scan# 956

Delta R.T. -0.05 min

Lab File: BF106508.D

Acq: 15 Jun 2018 22:31

Instrument :

BNA_F

ClientSampleId :

KGS-SIDE-2-3

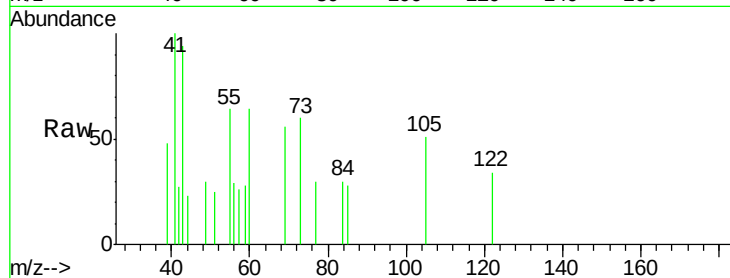
Tgt Ion:122 Resp: 292

Ion Ratio Lower Upper

122 100

105 152.3 101.1 141.1#

77 88.9 70.7 110.7

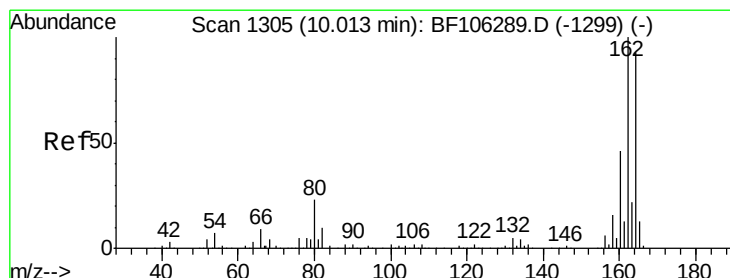
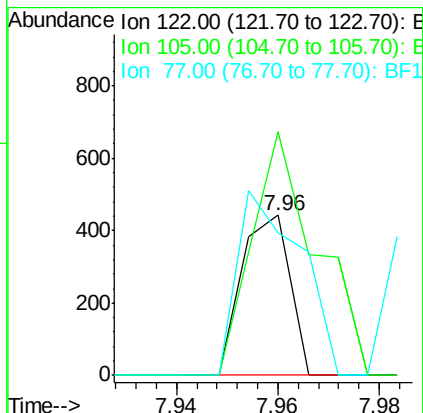
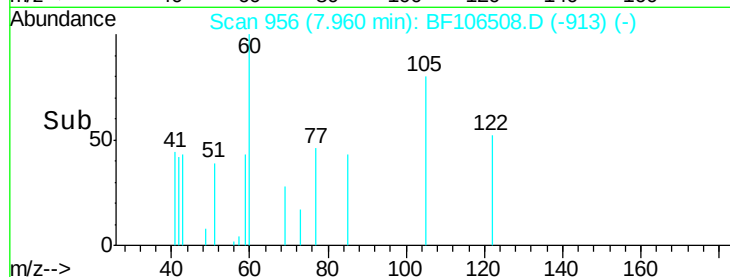


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106508.D

Acq: 15 Jun 2018 22:31

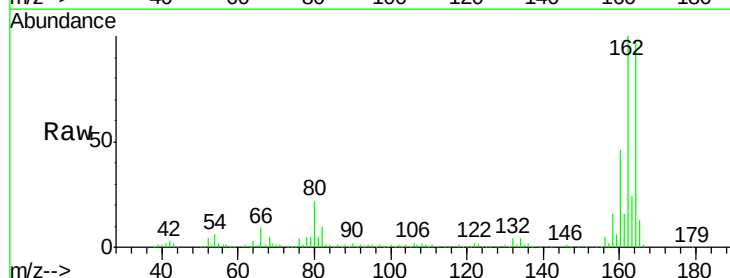
Tgt Ion:164 Resp: 170440

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

160 46.6 38.3 57.5

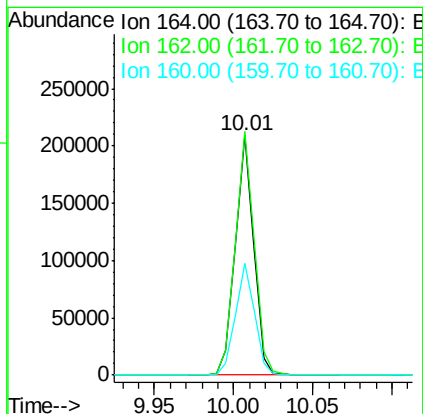
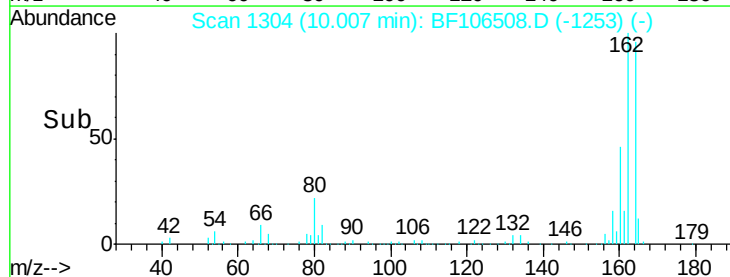


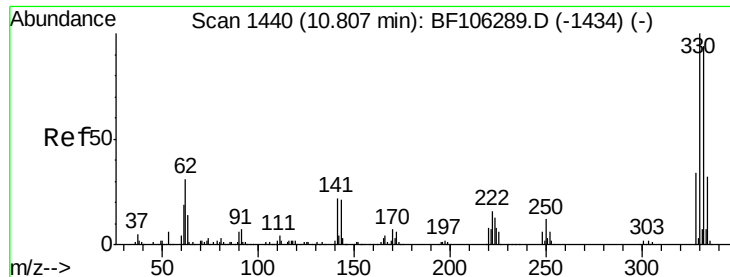
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

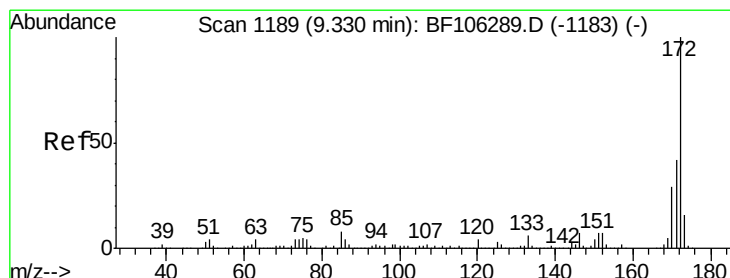
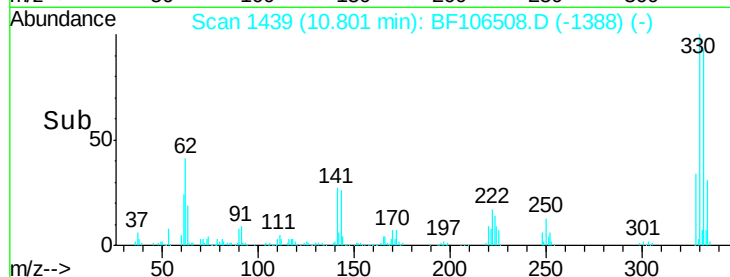
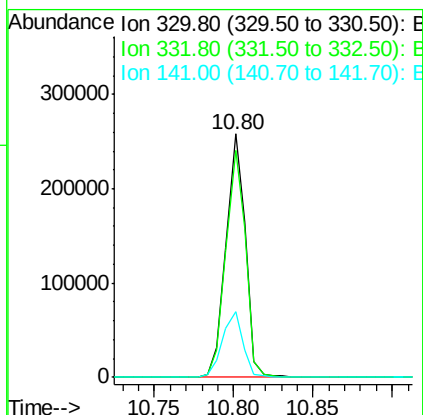
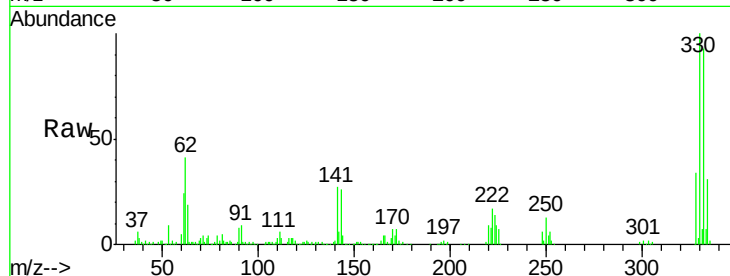




#41
 2,4,6-Tribromophenol
 Concen: 133.400 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106508.D
 Acq: 15 Jun 2018 22:31

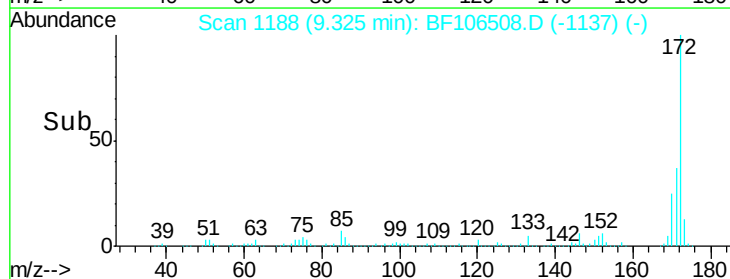
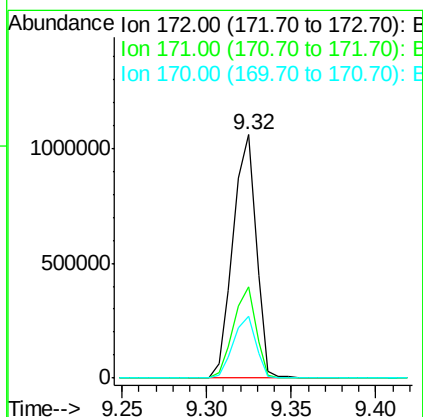
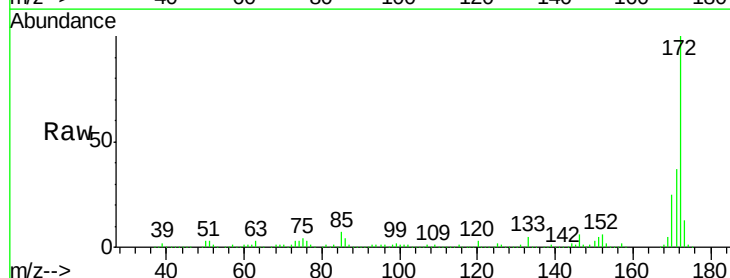
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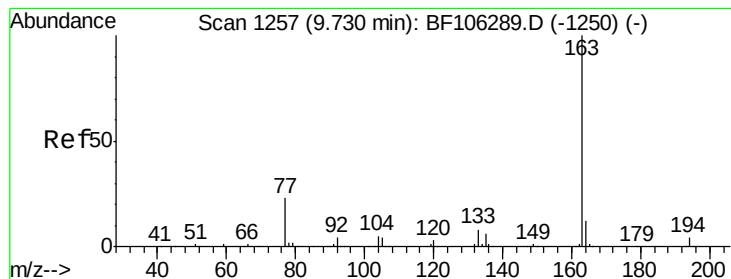
Tgt Ion:330 Resp: 218767
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 28.8 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 120.034 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106508.D
 Acq: 15 Jun 2018 22:31

Tgt Ion:172 Resp: 1016518
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 25.3 19.6 29.4





#49

Dimethylphthalate

Concen: 5.906 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106508.D

Acq: 15 Jun 2018 22:31

Instrument :

BNA_F

ClientSampleId :

KGS-SIDE-2-3

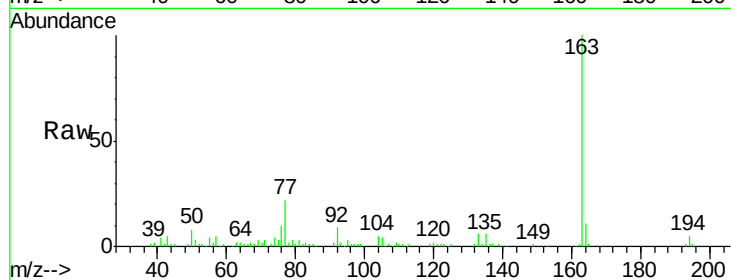
Tgt Ion:163 Resp: 71921

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

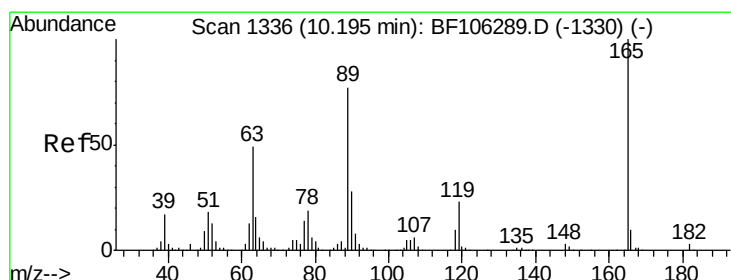
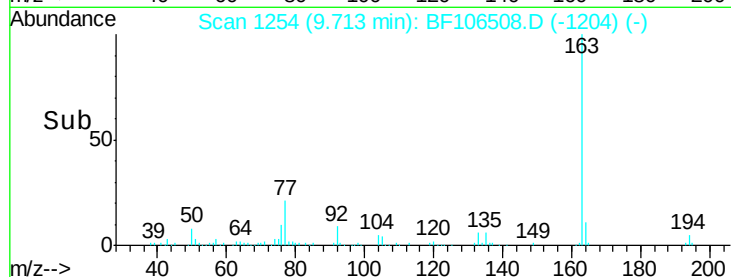
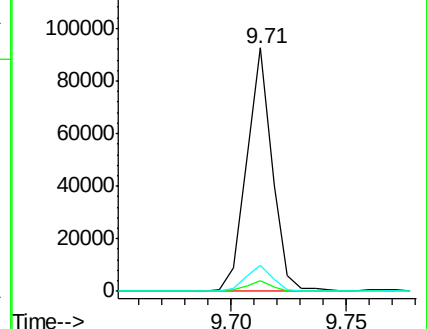
164 10.7 8.2 12.2



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: 7.780 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.18 min

Lab File: BF106508.D

Acq: 15 Jun 2018 22:31

Tgt Ion:165 Resp: 24301

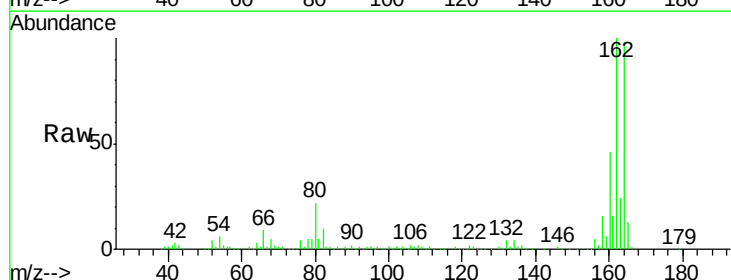
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

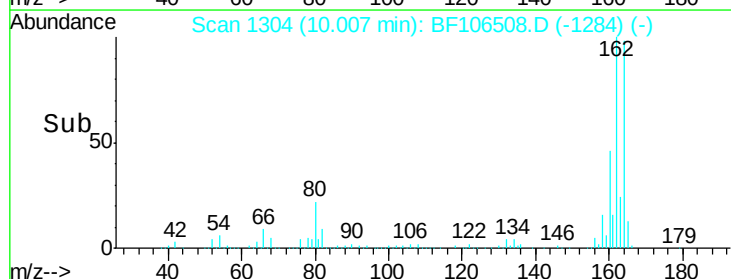
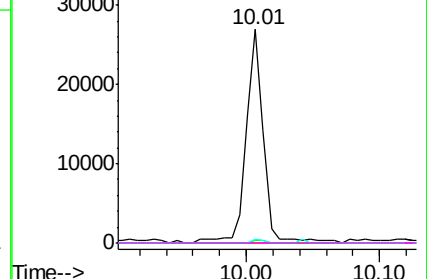


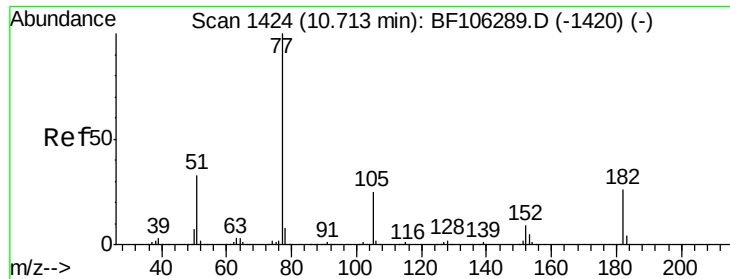
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

Azobenzene

Concen: 3.526 ng

RT: 10.72 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF106508.D

Acq: 15 Jun 2018 22:31

Instrument :

BNA_F

ClientSampleId :

KGS-SIDE-2-3

Tgt Ion: 77 Resp: 44441

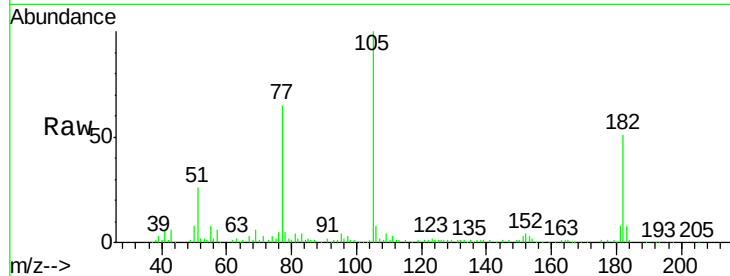
Ion Ratio Lower Upper

77 100

182 79.4 1.7 41.7#

105 154.2 3.0 43.0#

51 40.6 9.9 49.9

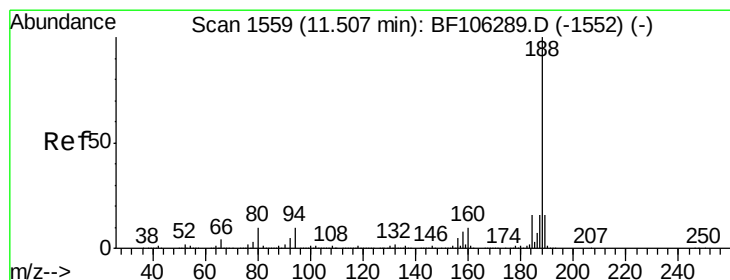
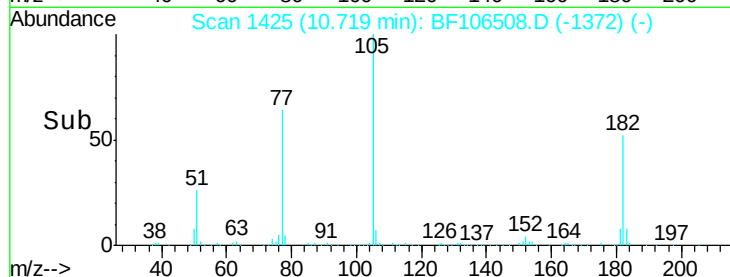
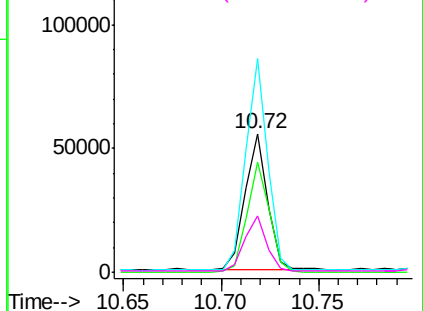


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106508.D

Acq: 15 Jun 2018 22:31

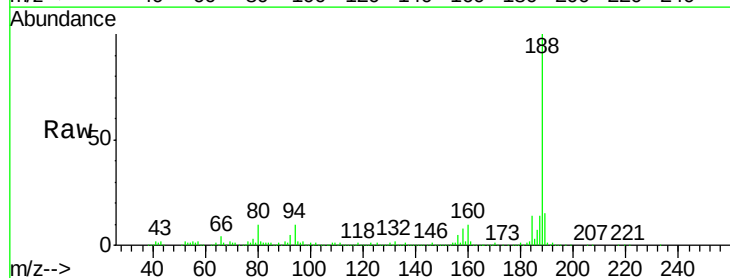
Tgt Ion: 188 Resp: 314559

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

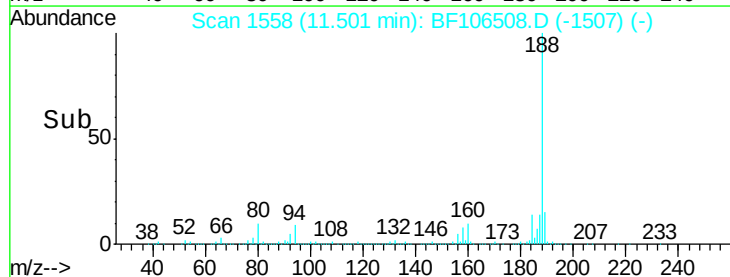
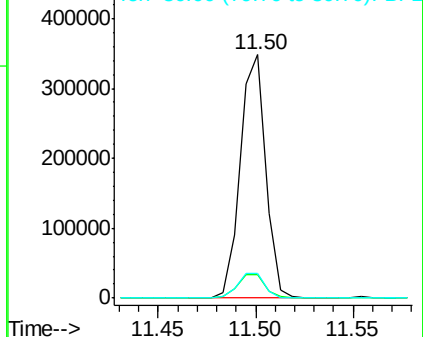
80 10.1 9.2 13.8

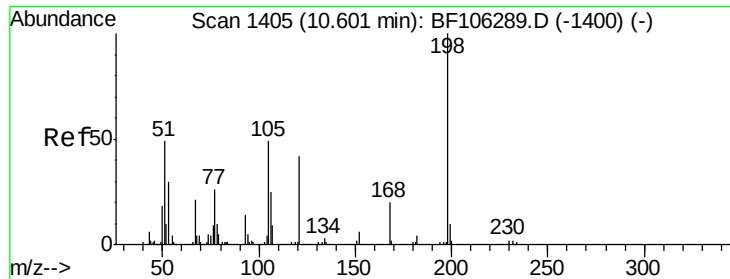


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

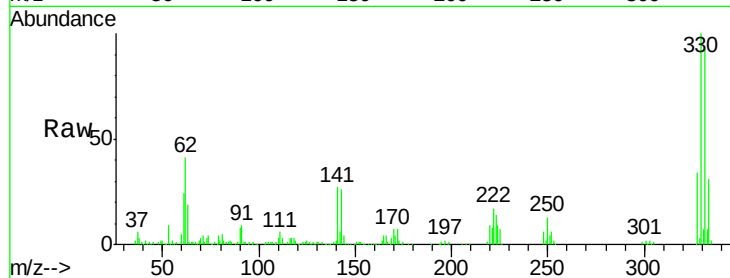




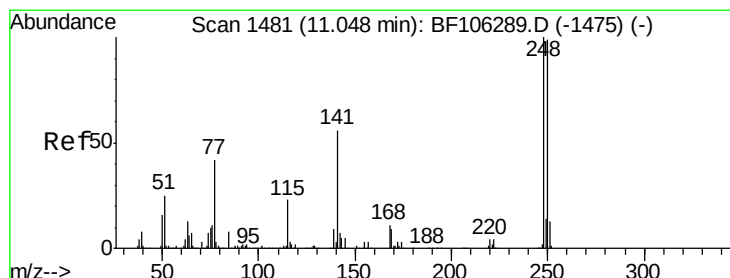
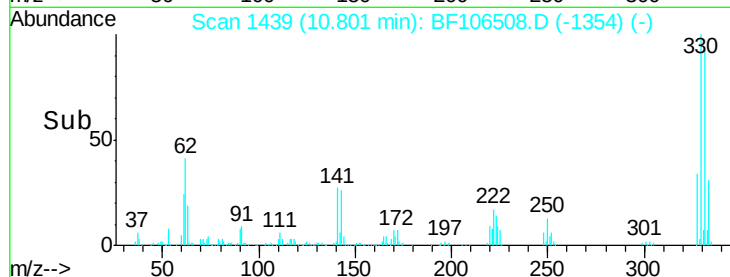
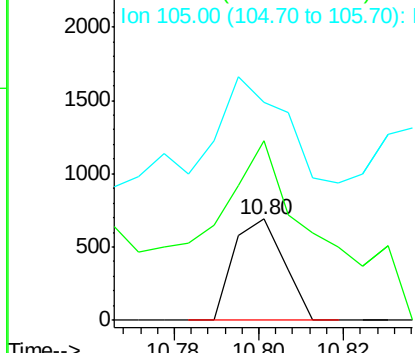
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.585 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106508.D
 Acq: 15 Jun 2018 22:31

Instrument :
 BNA_F
 ClientSampleId :
 KGS-SIDE-2-3

Tgt Ion:198 Resp: 567
 Ion Ratio Lower Upper
 198 100
 51 177.5 37.7 77.7#
 105 215.4 36.3 76.3#

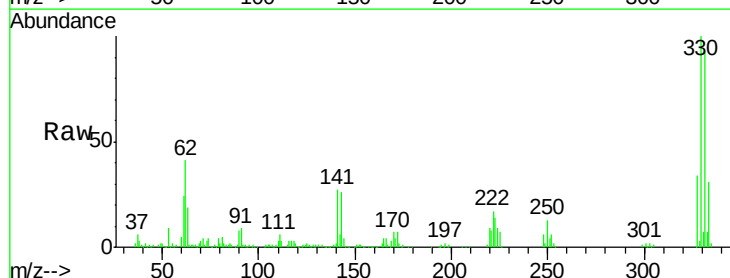


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

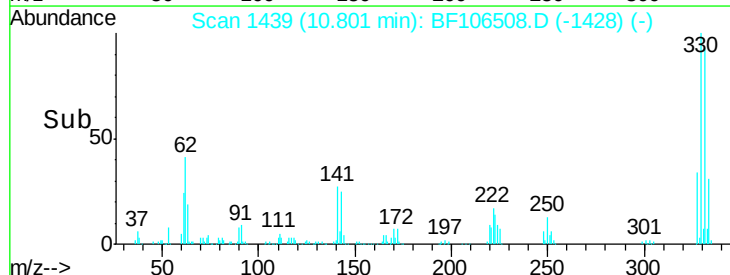
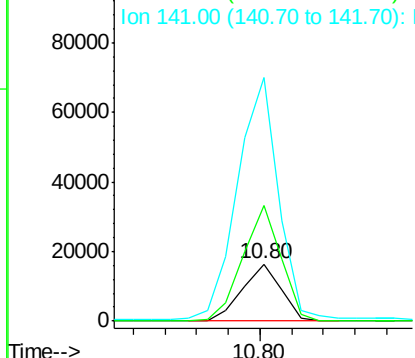


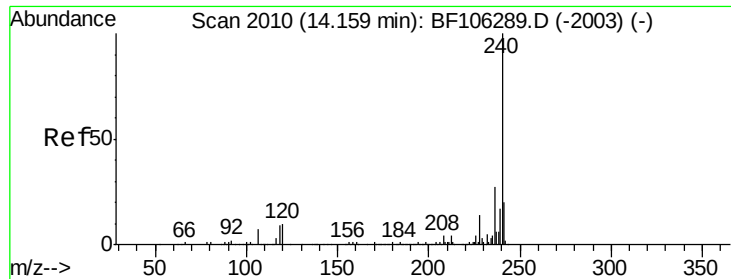
#66
 4-Bromophenyl-phenylether
 Concen: 3.880 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106508.D
 Acq: 15 Jun 2018 22:31

Tgt Ion:248 Resp: 13881
 Ion Ratio Lower Upper
 248 100
 250 203.2 76.9 115.3#
 141 426.2 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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106508.D

Acq: 15 Jun 2018 22:31

Instrument :

BNA_F

ClientSampleId :

KGS-SIDE-2-3

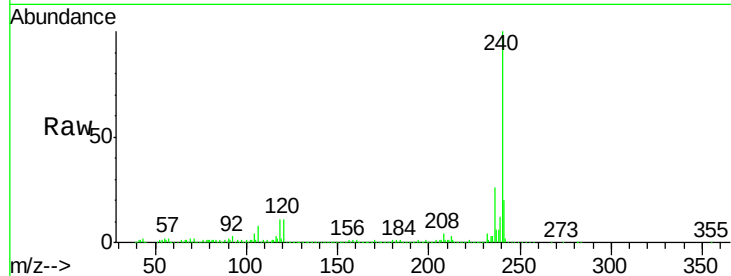
Tgt Ion:240 Resp: 339710

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

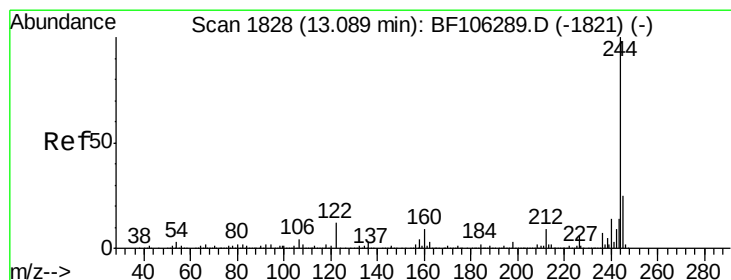
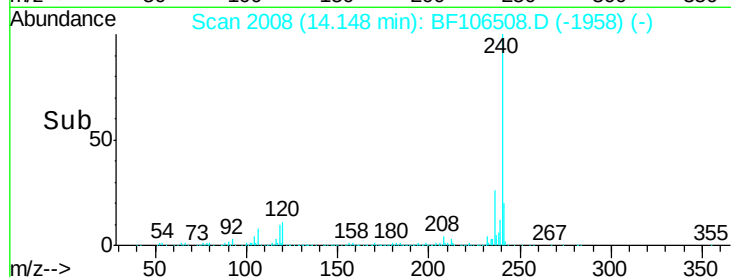
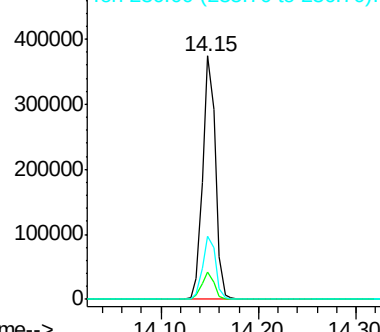
236 25.9 20.7 31.1



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: 79.912 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106508.D

Acq: 15 Jun 2018 22:31

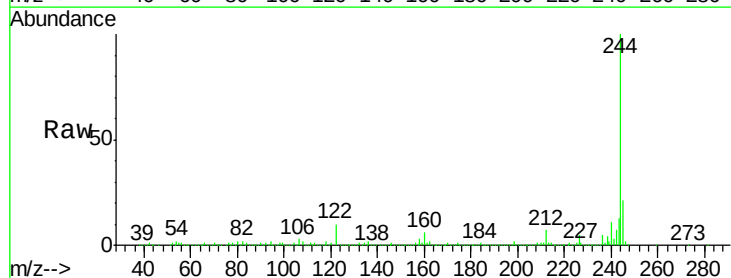
Tgt Ion:244 Resp: 1092967

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

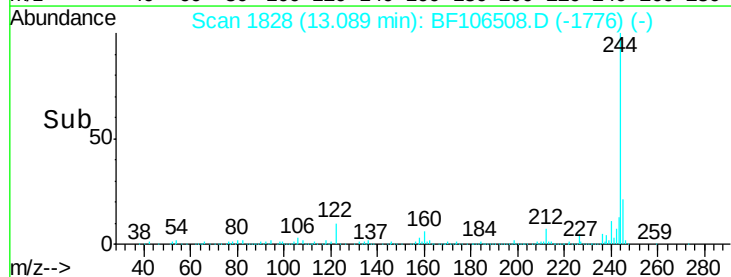
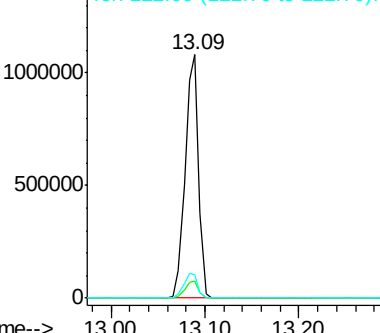
122 9.8 11.0 16.4#

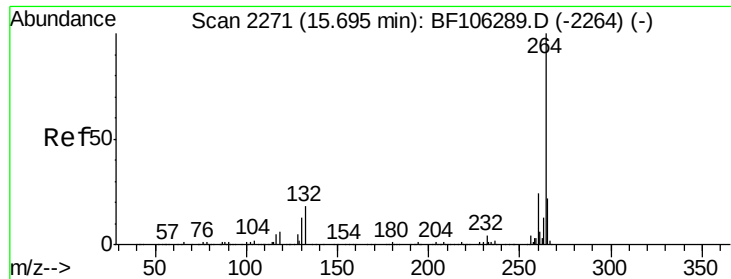


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106508.D
Acq: 15 Jun 2018 22:31

Instrument :
BNA_F
ClientSampleId :
KGS-SIDE-2-3

Tgt Ion: 264 Resp: 227441
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.8 17.5 26.3

