

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106507.D
 Acq On : 15 Jun 2018 22:05
 Operator : JU/SJ
 Sample : J3508-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KGS-SIDE-1

Quant Time: Jun 15 23:00:13 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	112930	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	381005	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	153094	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	289704	20.00	ng	0.00
75) Chrysene-d12	14.15	240	309941	20.00	ng	0.00
86) Perylene-d12	15.68	264	219580	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	389428	58.36	ng	0.00
7) Phenol-d6	6.61	99	284182	33.71	ng	0.00
23) Nitrobenzene-d5	7.53	82	636487	98.28	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	217627	147.74	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	966096	132.90	ng	0.00
78) Terphenyl-d14	13.09	244	1045598	83.79	ng	0.00

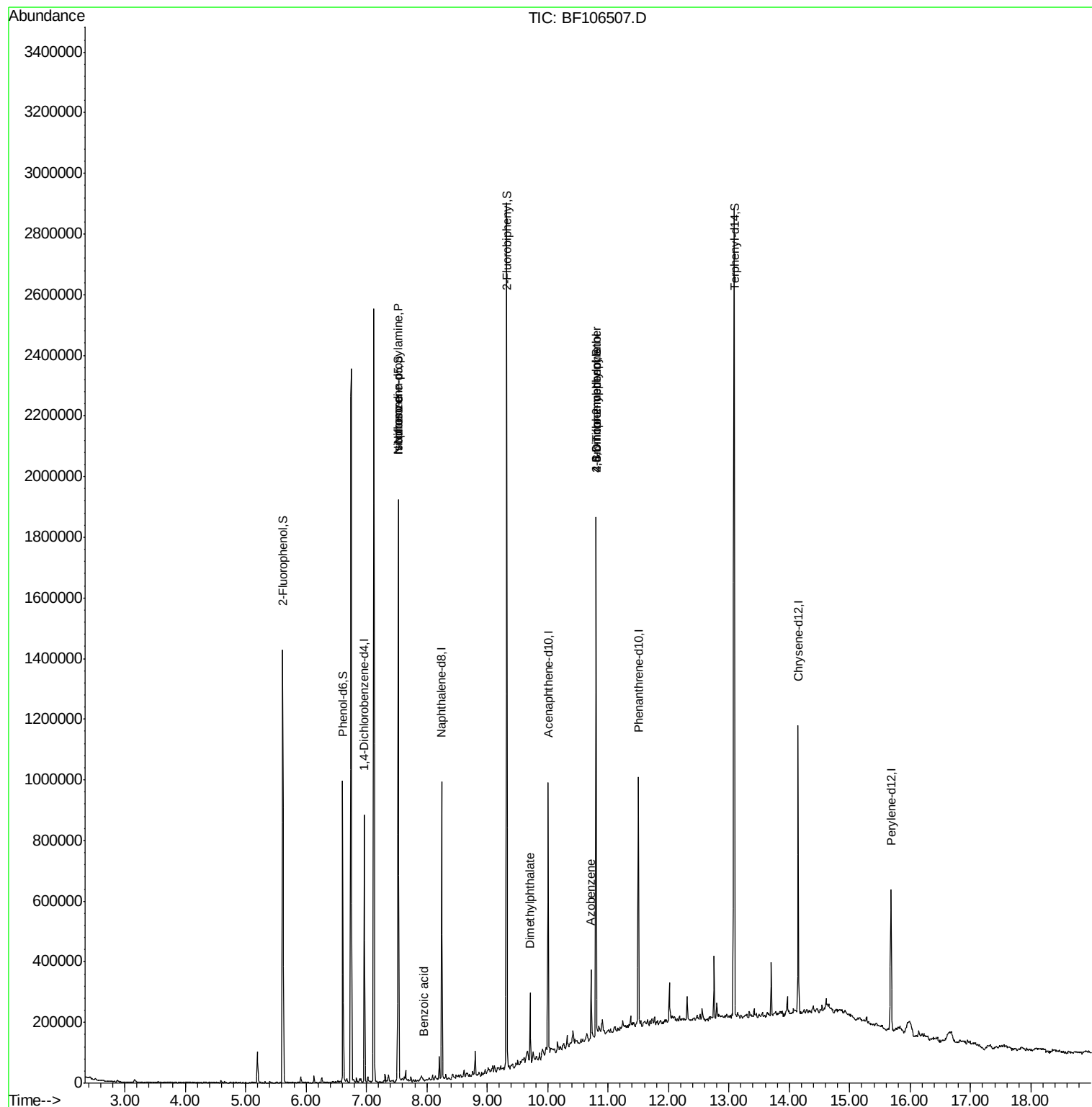
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	86992	13.755	ng	# 73
25) Isophorone	7.53	82	636467	50.313	ng	# 64
32) Benzoic acid	7.96	122	115	7.314	ng	# 1
49) Dimethylphthalate	9.71	163	78105	7.141	ng	# 98
62) Azobenzene	10.72	77	39307	3.472	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.80	198	511	6.579	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14719	4.467	ng	# 1

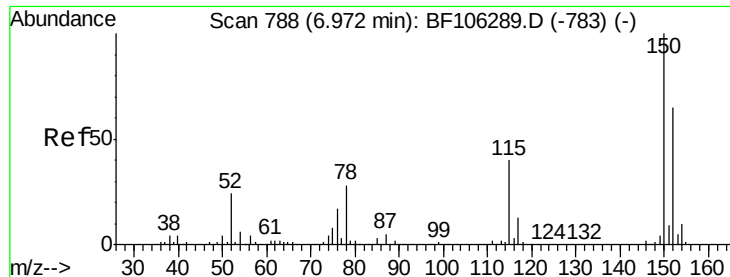
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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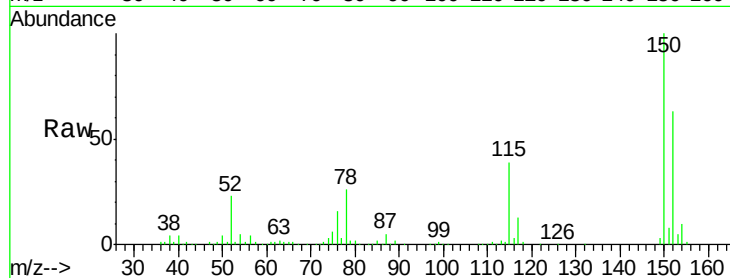


#1

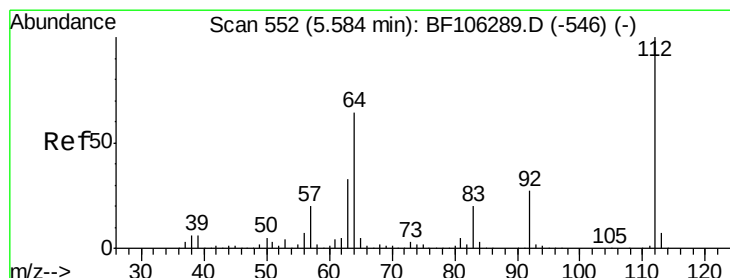
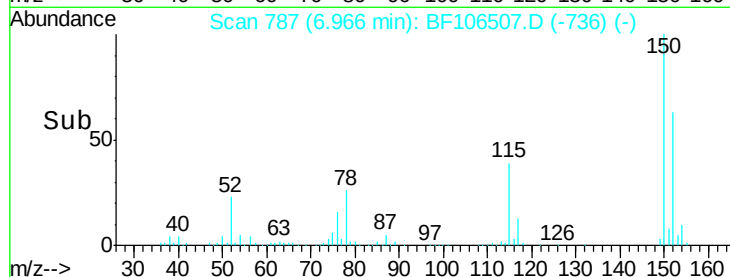
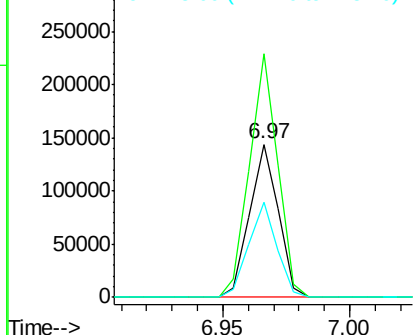
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106507.D
Acq: 15 Jun 2018 22:05

Instrument :
BNA_F
ClientSampleId :
KGS-SIDE-1

Tgt Ion:152 Resp: 112930
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 62.6 50.1 75.1



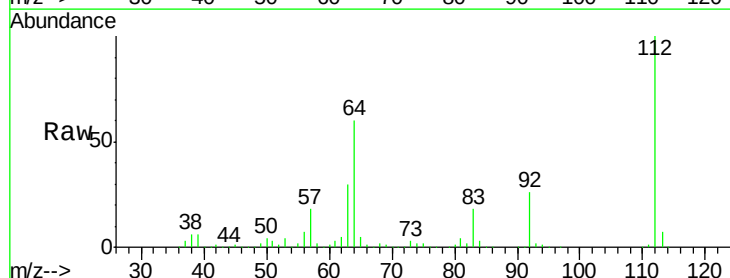
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



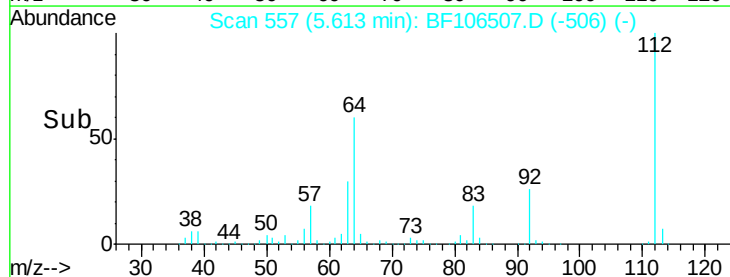
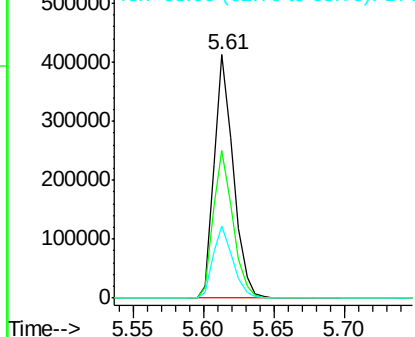
#5

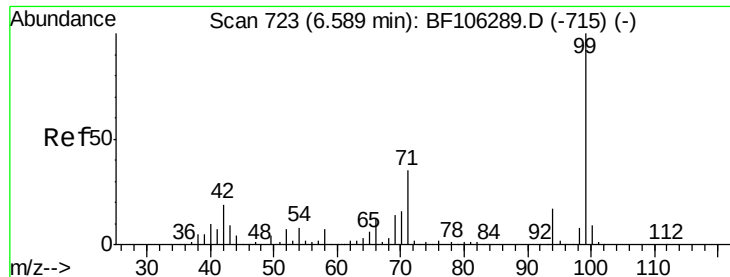
2-Fluorophenol
Concen: 58.364 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106507.D
Acq: 15 Jun 2018 22:05

Tgt Ion:112 Resp: 389428
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 29.8 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: 33.711 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106507.D

Acq: 15 Jun 2018 22:05

Instrument :

BNA_F

ClientSampleId :

KGS-SIDE-1

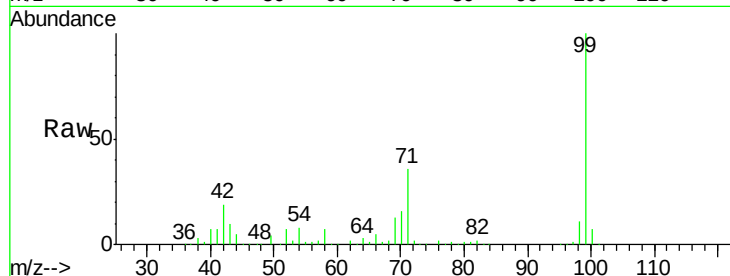
Tgt Ion: 99 Resp: 284182

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

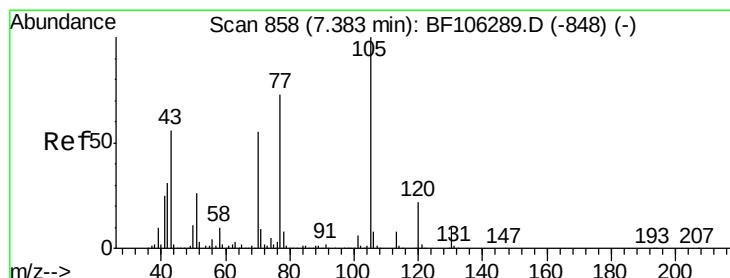
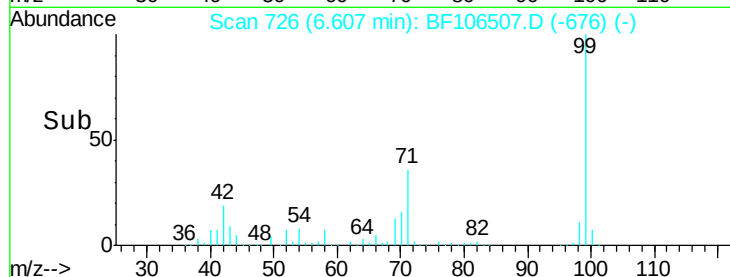
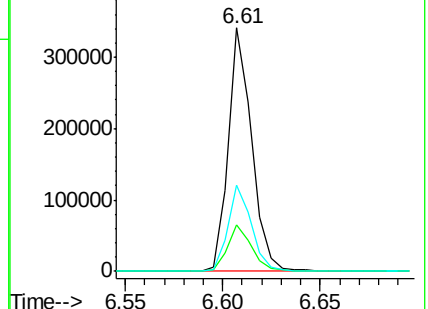
71 35.5 25.4 38.0



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: 13.755 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106507.D

Acq: 15 Jun 2018 22:05

Tgt Ion: 70 Resp: 86992

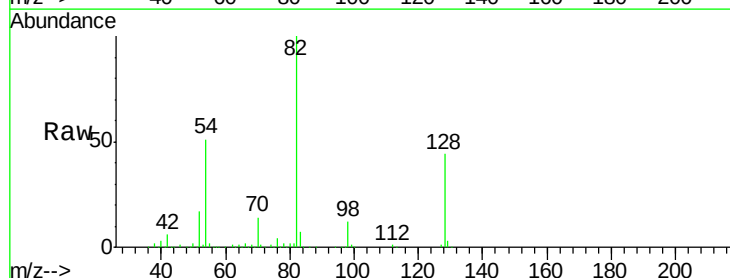
Ion Ratio Lower Upper

70 100

42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

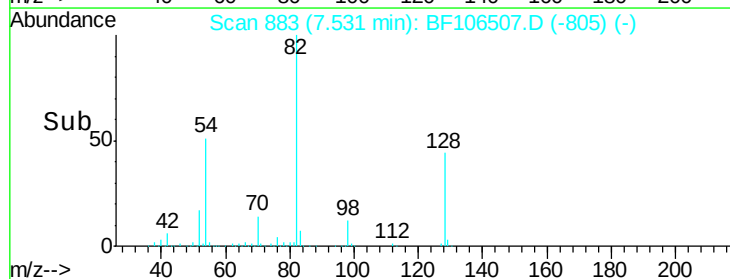
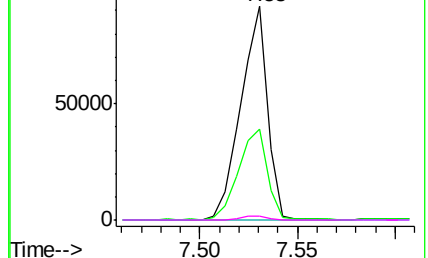


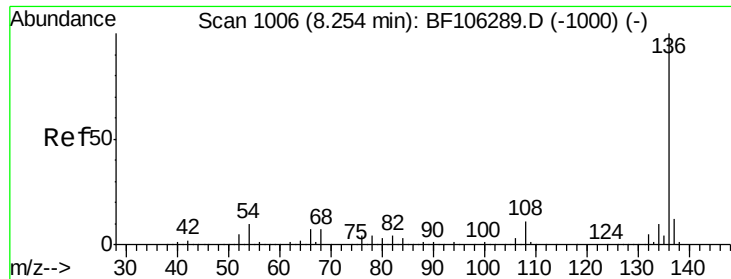
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

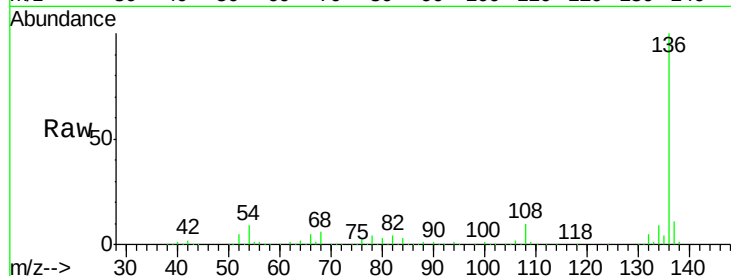




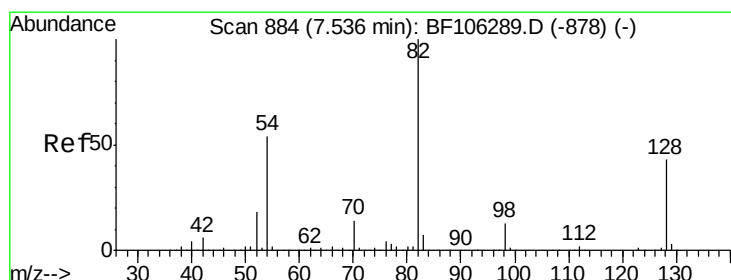
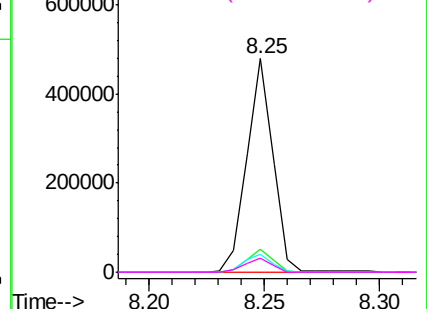
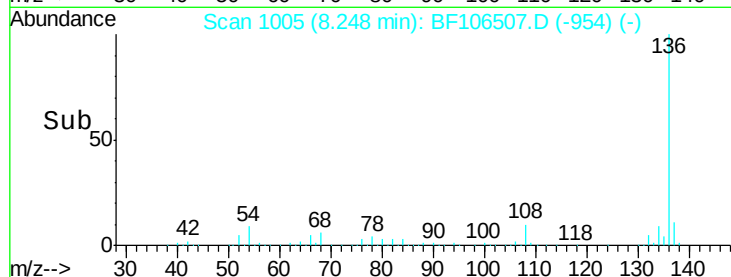
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106507.D
Acq: 15 Jun 2018 22:05

Instrument :
BNA_F
ClientSampleId :
KGS-SIDE-1

Tgt Ion:	136	Resp:	381005
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.6	6.6	9.8
68	6.4	5.0	7.4

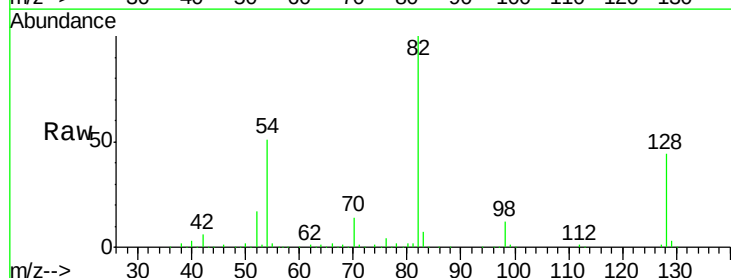


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

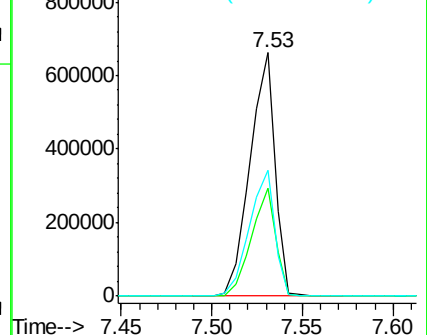
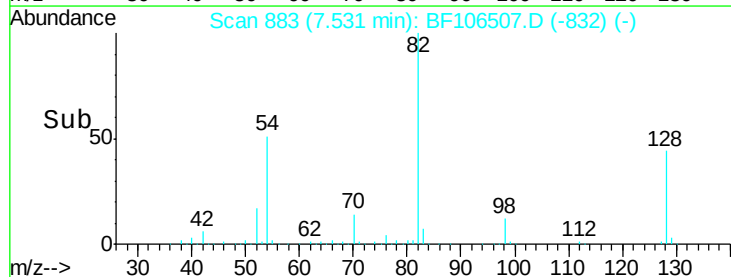


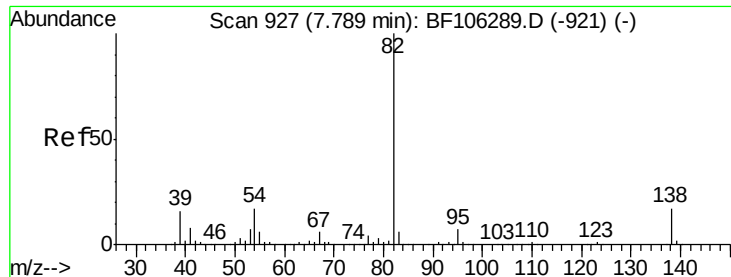
#23
Nitrobenzene-d5
Concen: 98.276 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106507.D
Acq: 15 Jun 2018 22:05

Tgt Ion:	82	Resp:	636487
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	51.5	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: 50.313 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106507.D

Acq: 15 Jun 2018 22:05

Instrument :

BNA_F

ClientSampleId :

KGS-SIDE-1

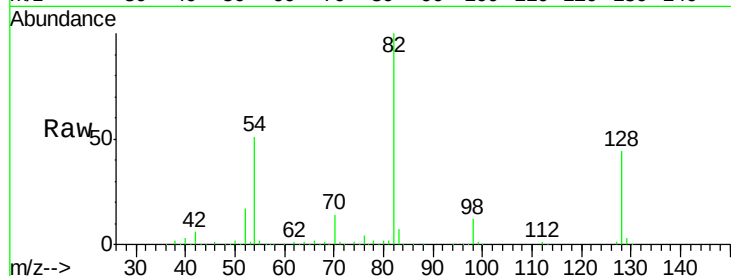
Tgt Ion: 82 Resp: 636467

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

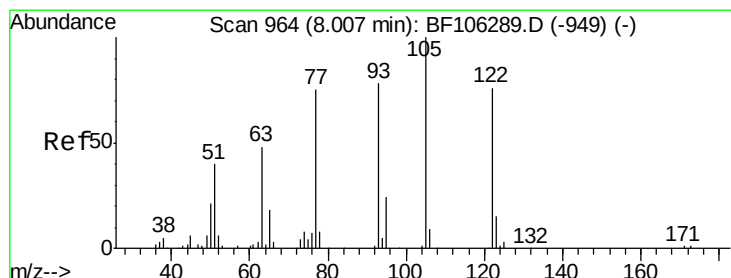
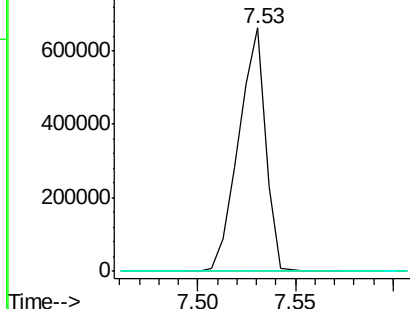
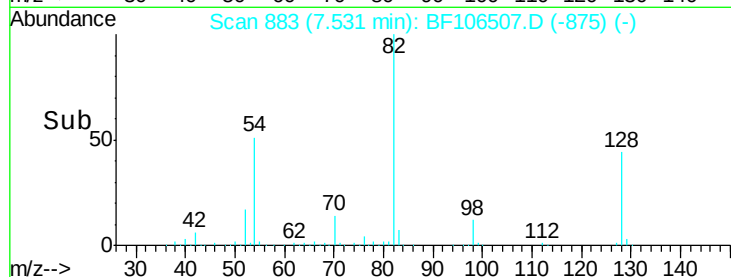
138 0.0 14.9 22.3#



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: 7.314 ng

RT: 7.96 min Scan# 956

Delta R.T. -0.05 min

Lab File: BF106507.D

Acq: 15 Jun 2018 22:05

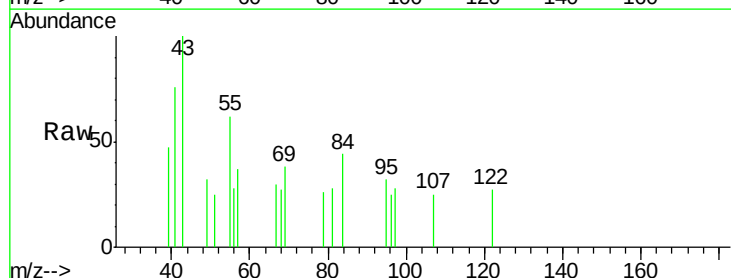
Tgt Ion: 122 Resp: 115

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

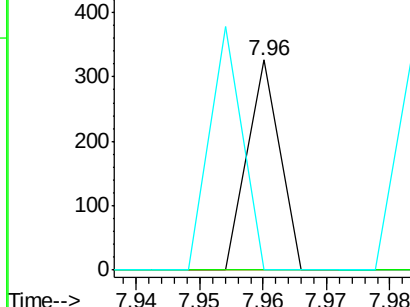
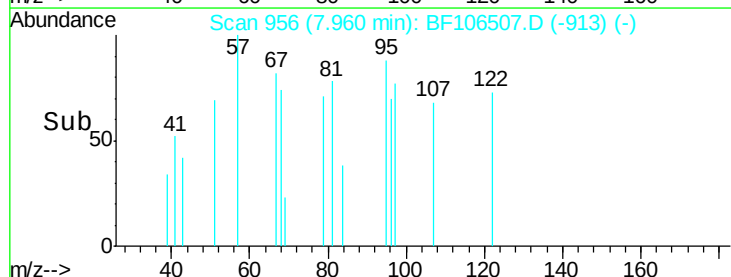
77 0.0 70.7 110.7#

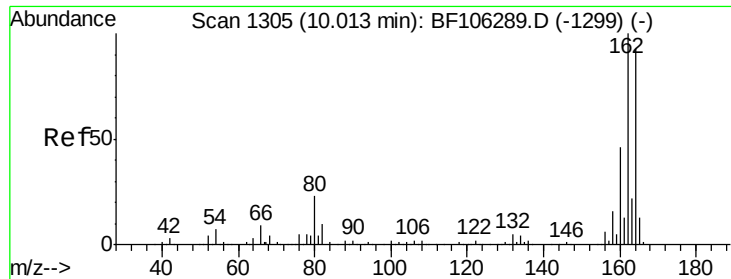


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

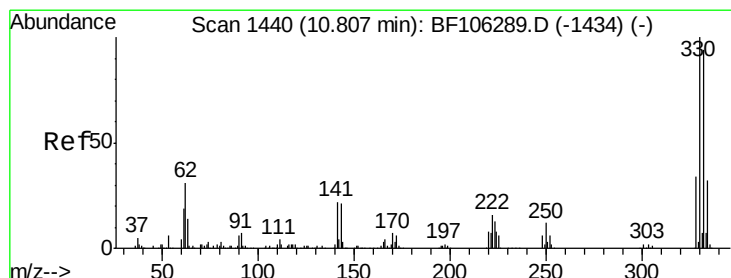
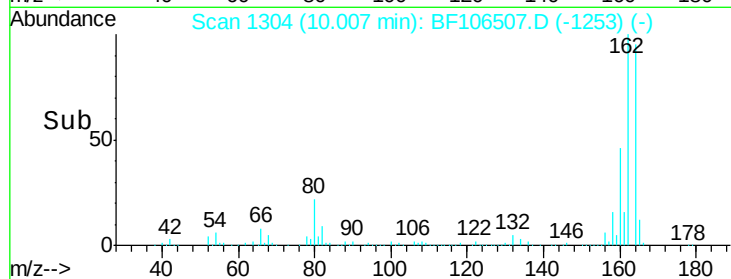
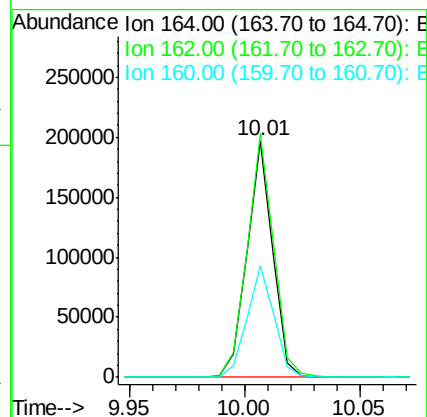
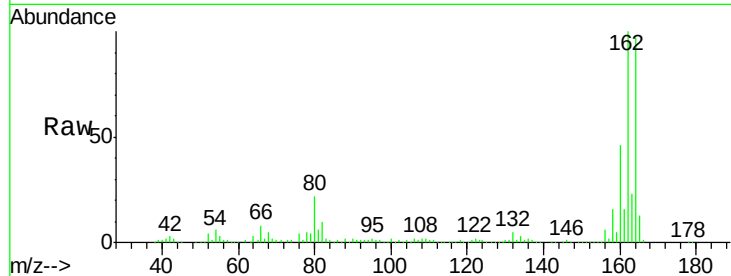




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106507.D
Acq: 15 Jun 2018 22:05

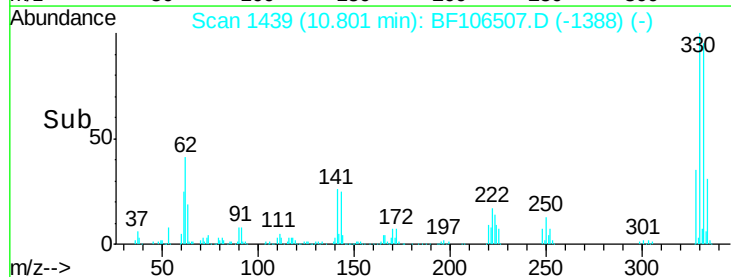
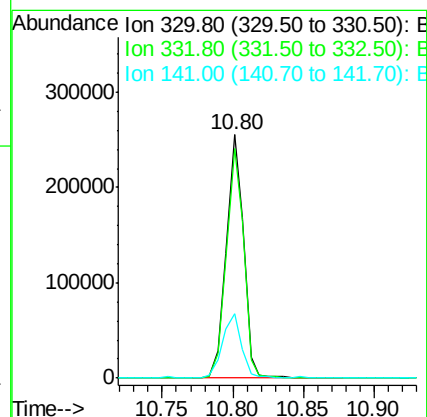
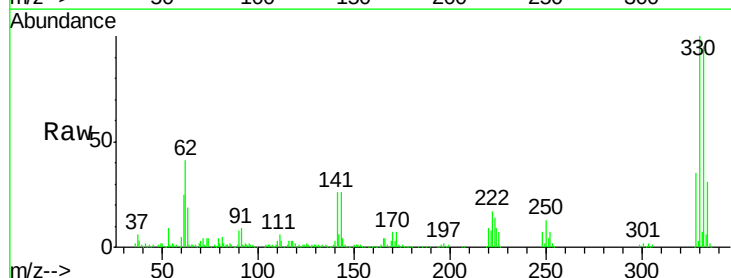
Instrument :
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KGS-SIDE-1

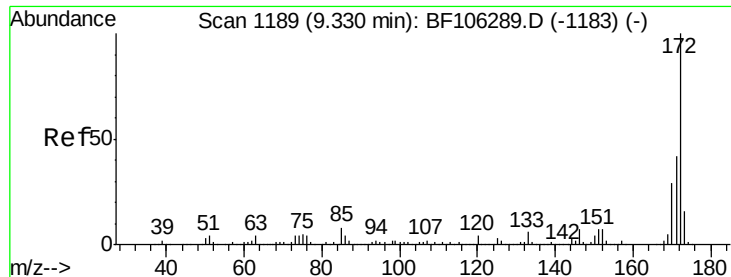
Tgt Ion:164 Resp: 153094
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 47.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 147.741 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106507.D
Acq: 15 Jun 2018 22:05

Tgt Ion:330 Resp: 217627
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 28.0 29.9 44.9#

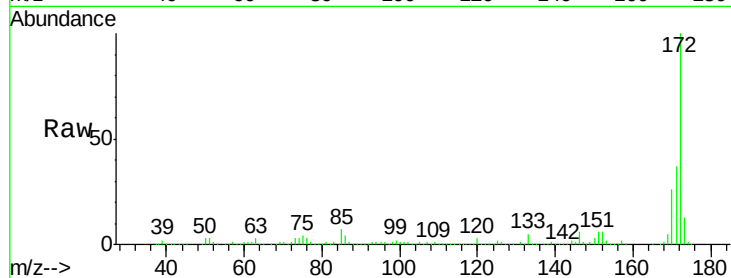




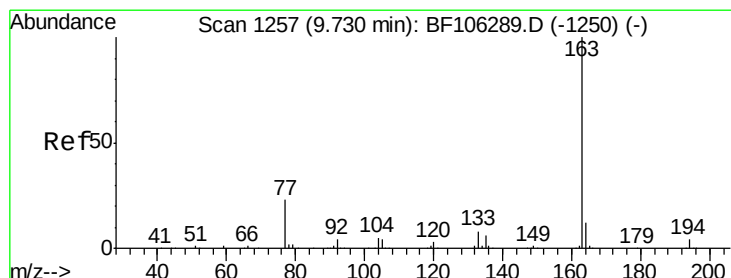
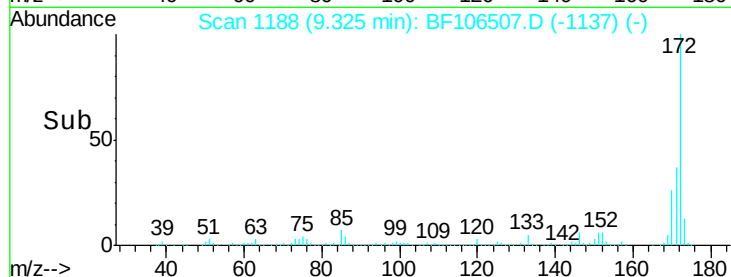
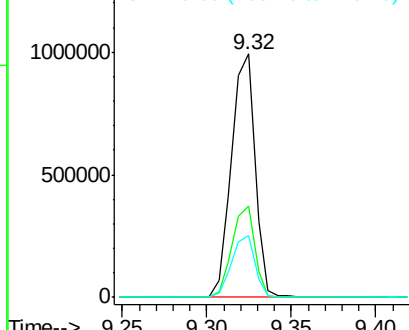
#44
 2-Fluorobiphenyl
 Concen: 132.896 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106507.D
 Acq: 15 Jun 2018 22:05

Instrument :
 BNA_F
 ClientSampleId :
 KGS-SIDE-1

Tgt Ion:172 Resp: 966096
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 25.5 19.6 29.4

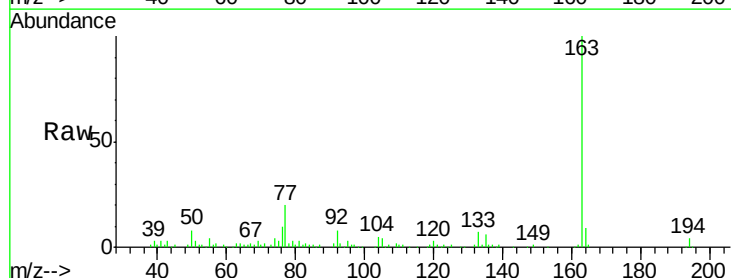


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

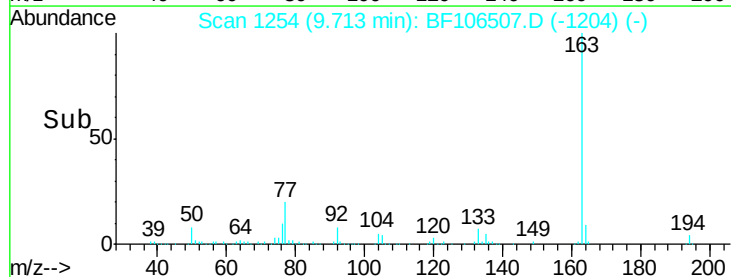
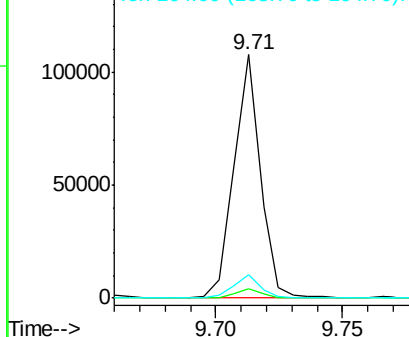


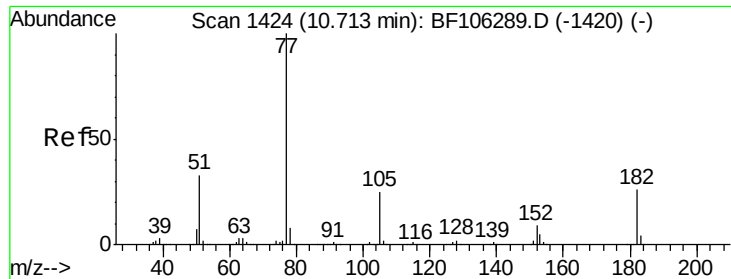
#49
 Dimethylphthalate
 Concen: 7.141 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106507.D
 Acq: 15 Jun 2018 22:05

Tgt Ion:163 Resp: 78105
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.7 4.1#
 164 9.4 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





#62

Azobenzene

Concen: 3.472 ng

RT: 10.72 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF106507.D

Acq: 15 Jun 2018 22:05

Instrument :

BNA_F

ClientSampleId :

KGS-SIDE-1

Tgt Ion: 77 Resp: 39307

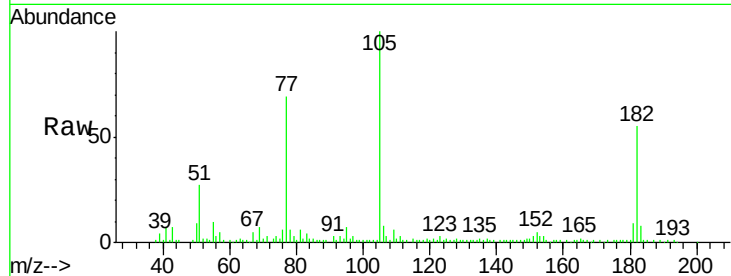
Ion Ratio Lower Upper

77 100

182 79.8 1.7 41.7#

105 145.4 3.0 43.0#

51 38.9 9.9 49.9

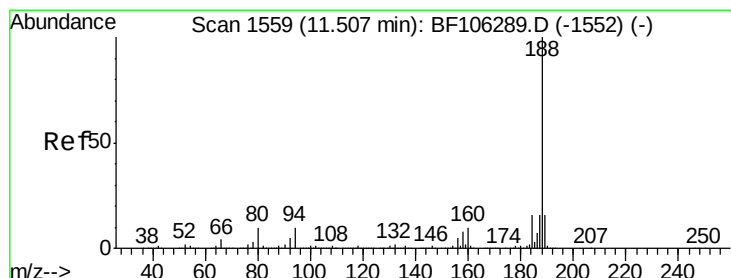
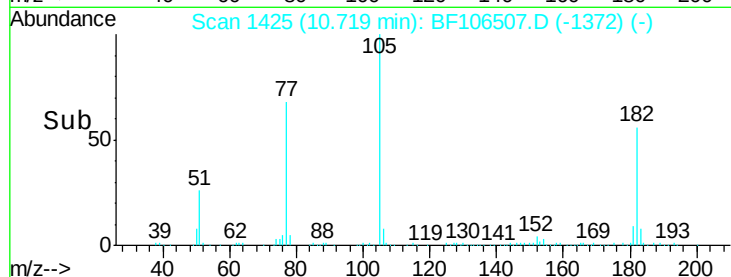
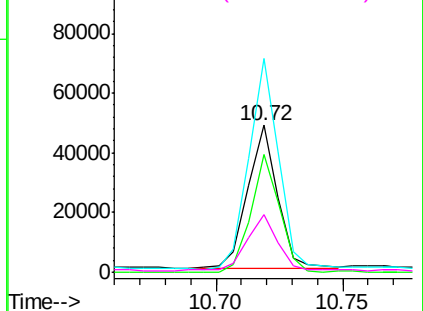


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF106507.D

Acq: 15 Jun 2018 22:05

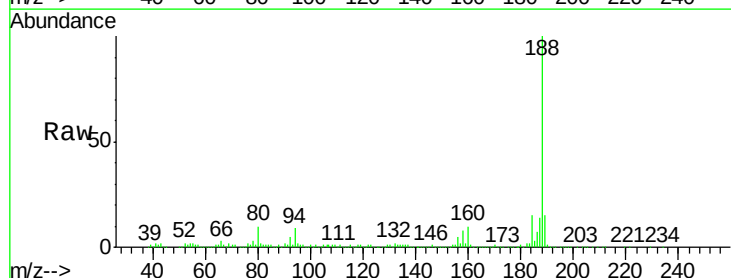
Tgt Ion: 188 Resp: 289704

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

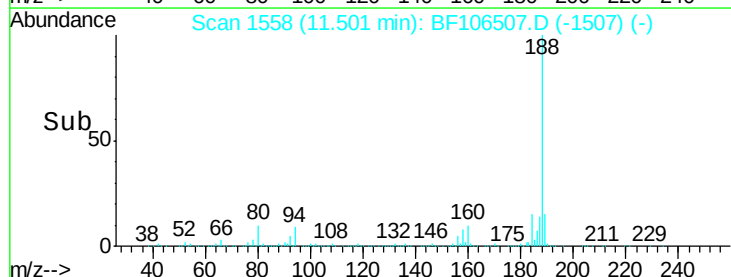
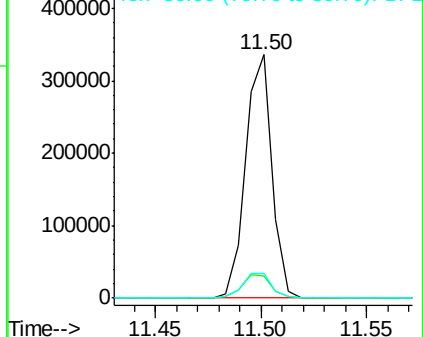
80 10.3 9.2 13.8

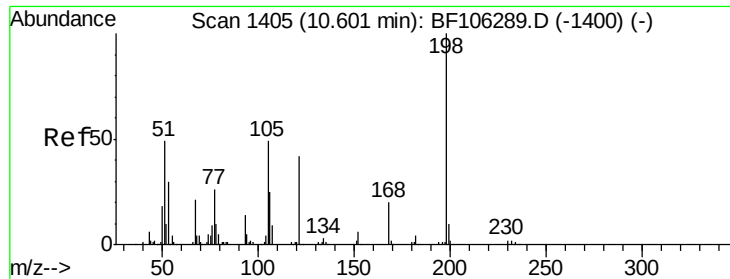


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 6.579 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF106507.D

Acq: 15 Jun 2018 22:05

Instrument :

BNA_F

ClientSampleId :

KGS-SIDE-1

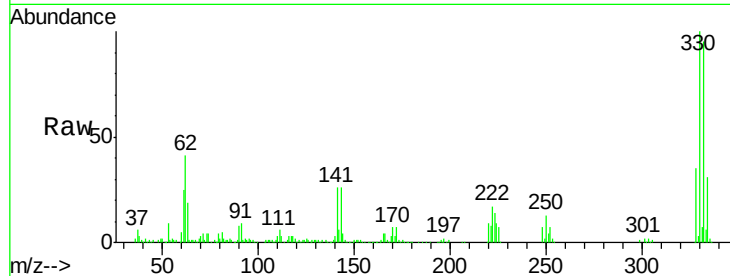
Tgt Ion:198 Resp: 511

Ion Ratio Lower Upper

198 100

51 197.1 37.7 77.7#

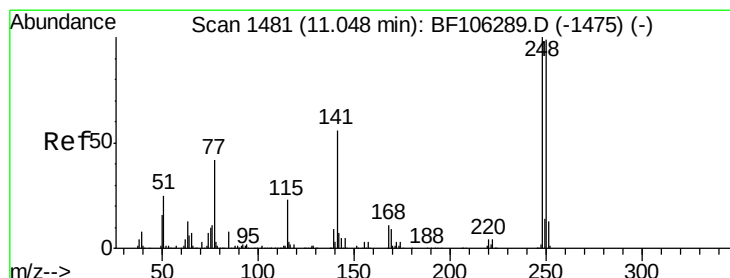
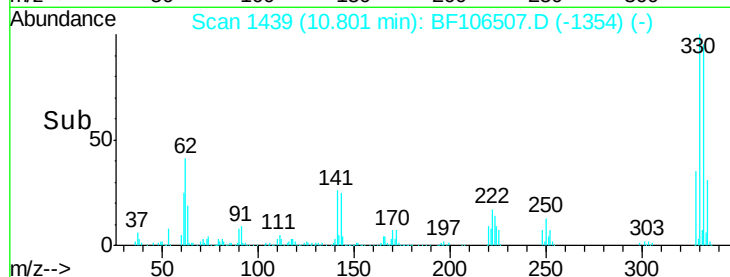
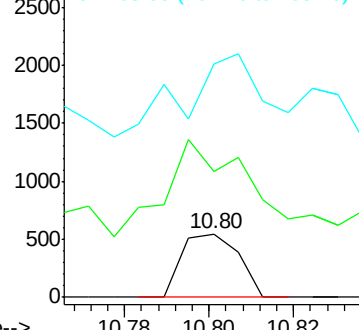
105 365.9 36.3 76.3#



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: 4.467 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF106507.D

Acq: 15 Jun 2018 22:05

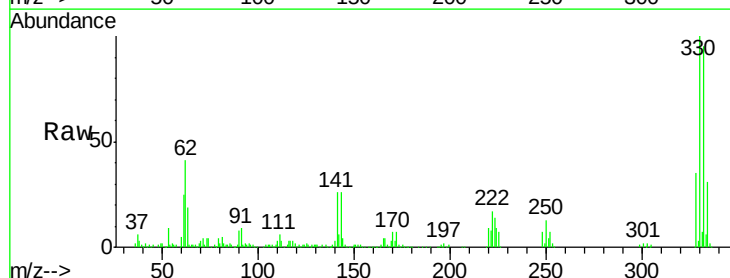
Tgt Ion:248 Resp: 14719

Ion Ratio Lower Upper

248 100

250 193.8 76.9 115.3#

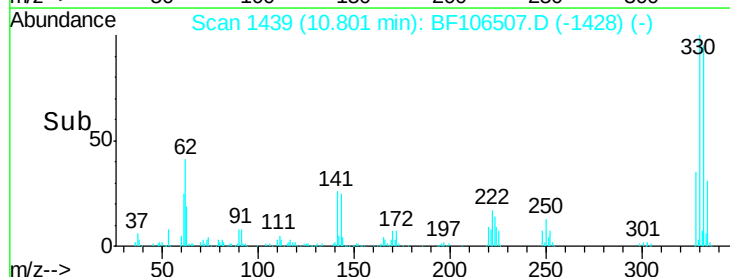
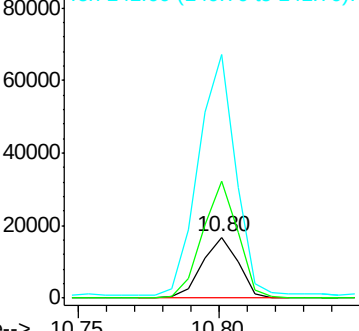
141 401.6 74.4 111.6#

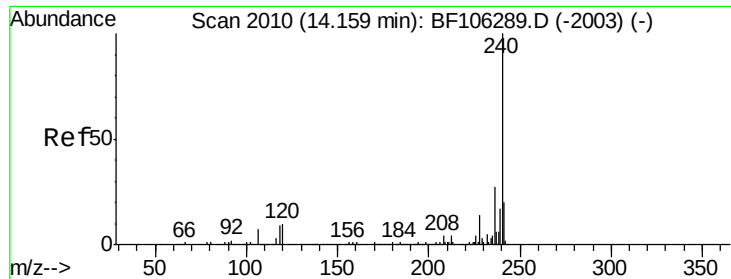


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106507.D

Acq: 15 Jun 2018 22:05

Instrument :

BNA_F

ClientSampleId :

KGS-SIDE-1

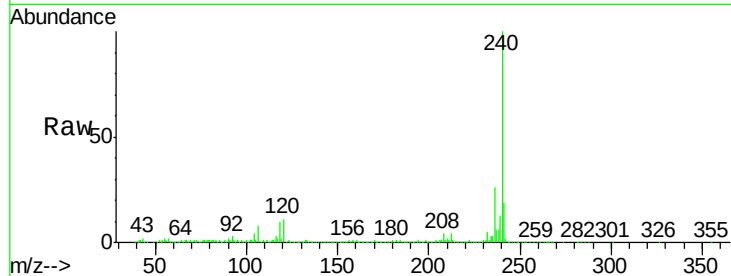
Tgt Ion:240 Resp: 309941

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

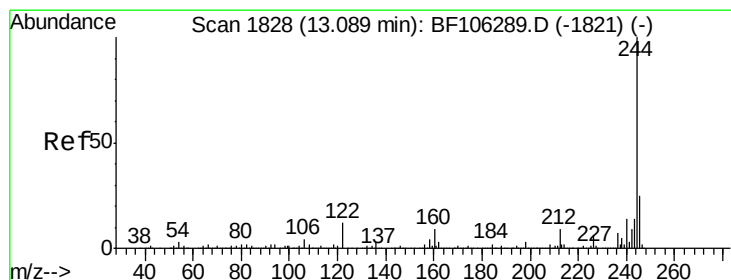
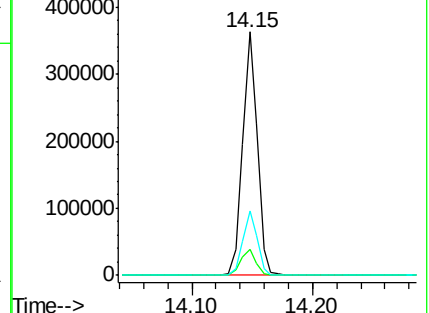
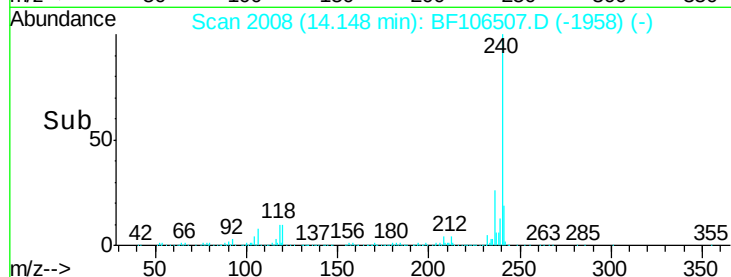
236 26.2 20.7 31.1



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: 83.791 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106507.D

Acq: 15 Jun 2018 22:05

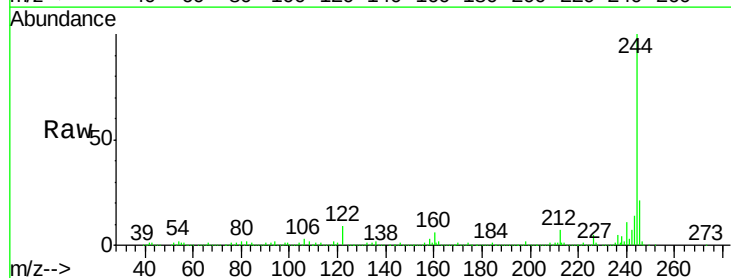
Tgt Ion:244 Resp: 1045598

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

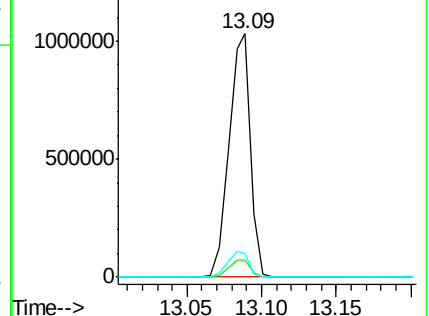
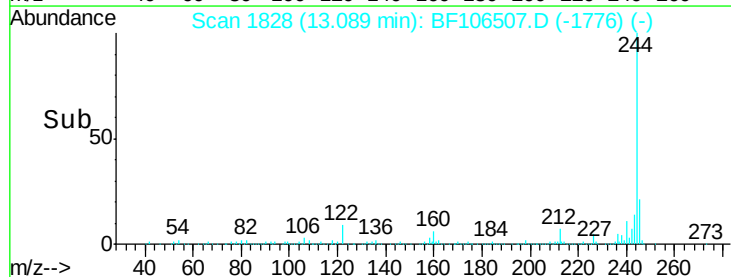
122 9.4 11.0 16.4#

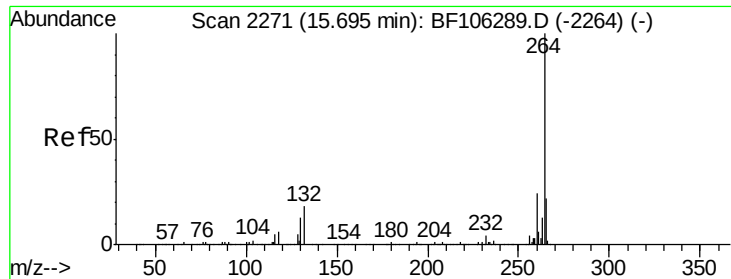


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106507.D
Acq: 15 Jun 2018 22:05

Instrument :
BNA_F
ClientSampleId :
KGS-SIDE-1

Tgt Ion:	264	Resp:	219580
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.2	17.5	26.3

