

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106450.D
 Acq On : 14 Jun 2018 18:51
 Operator : JU/SJ
 Sample : J3482-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-029

Quant Time: Jun 15 01:12:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

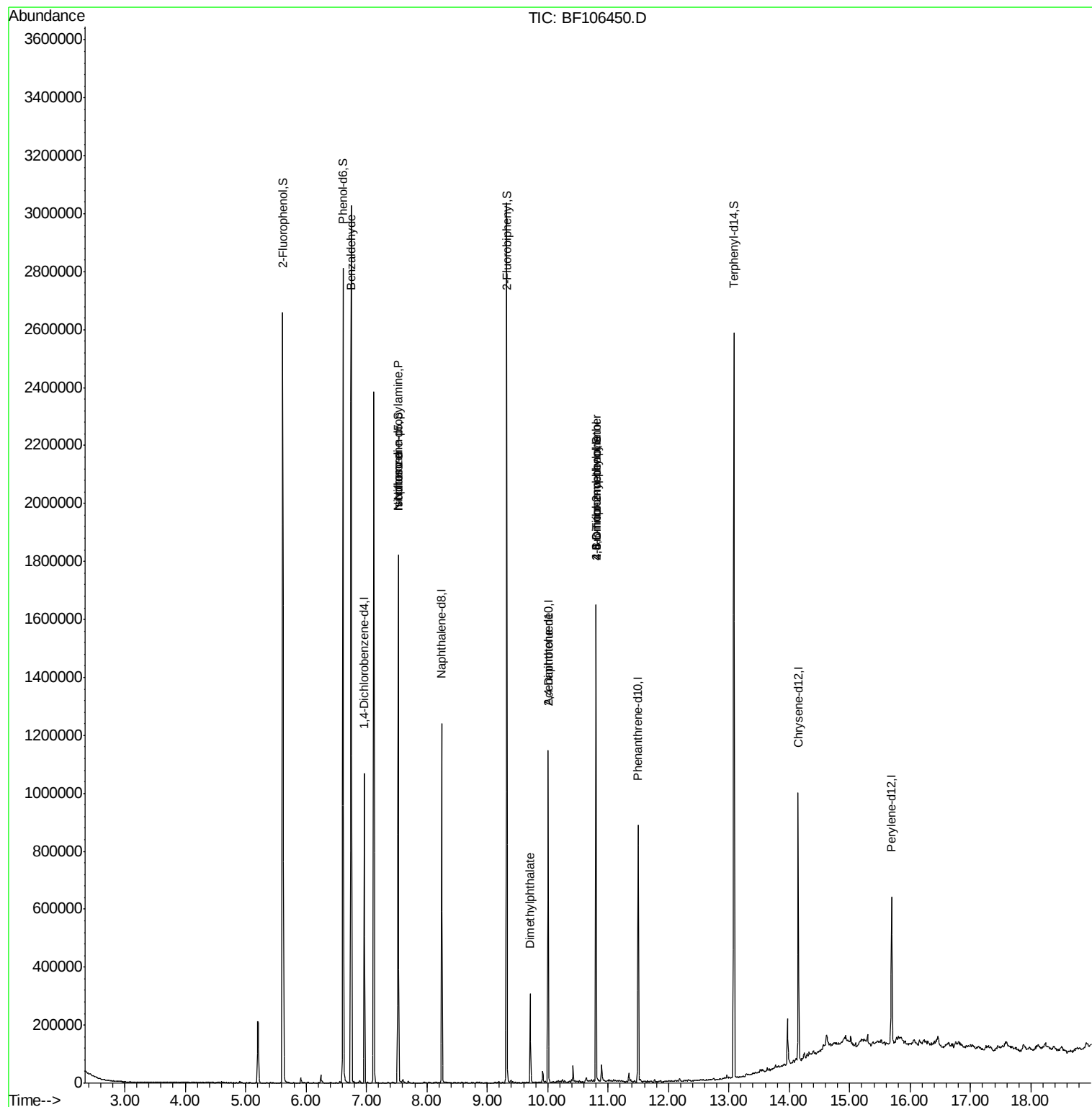
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	134541	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	485278	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	201943	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	325527	20.00	ng	0.00
75) Chrysene-d12	14.15	240	341149	20.00	ng	-0.01
86) Perylene-d12	15.69	264	242113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	797436	100.32	ng	0.00
7) Phenol-d6	6.61	99	952997	94.89	ng	0.00
23) Nitrobenzene-d5	7.53	82	613806	74.41	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	193949	99.82	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	944850	82.23	ng	0.00
78) Terphenyl-d14	13.08	244	847934	61.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	17565	2.306	ng	85
19) n-Nitroso-di-n-propylamine	7.53	70	82948	11.009	ng	# 74
25) Isophorone	7.53	82	613796	38.095	ng	# 64
49) Dimethylphthalate	9.71	163	106705	7.396	ng	# 99
56) 2,4-Dinitrotoluene	10.01	165	25549	6.904	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	371	6.478	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13177	3.559	ng	# 1

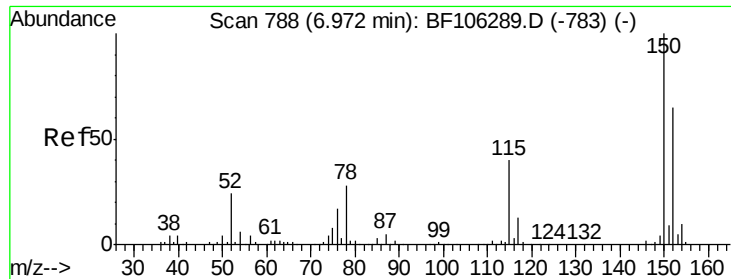
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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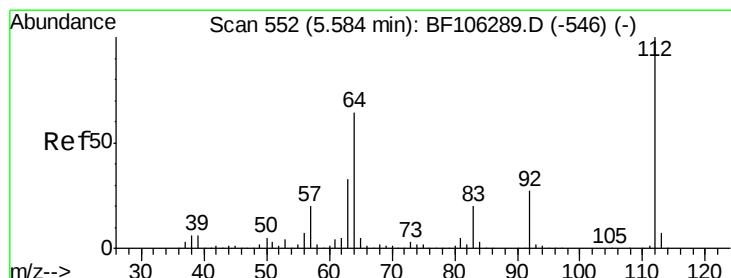
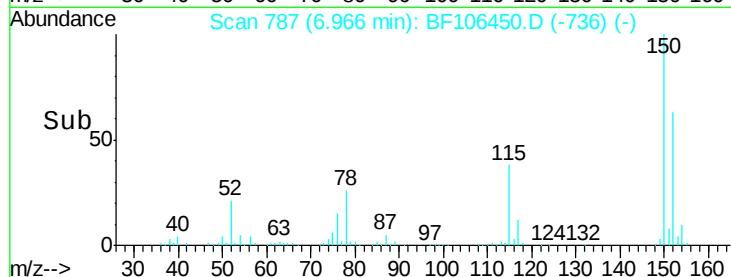
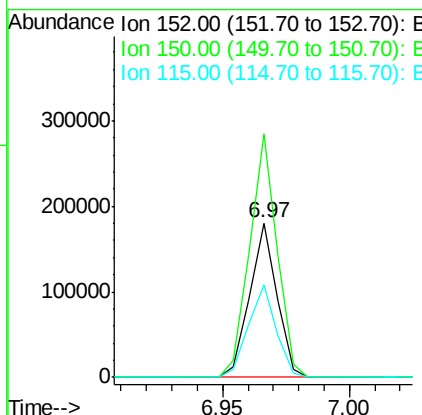
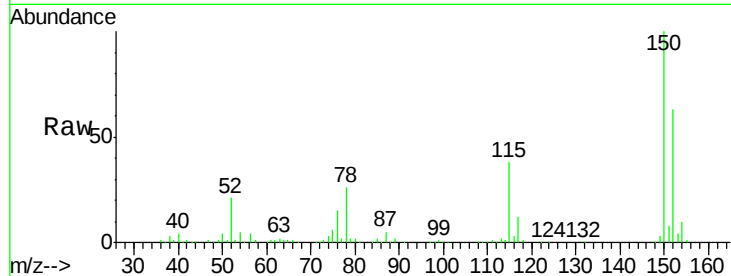




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106450.D
 Acq: 14 Jun 2018 18:51

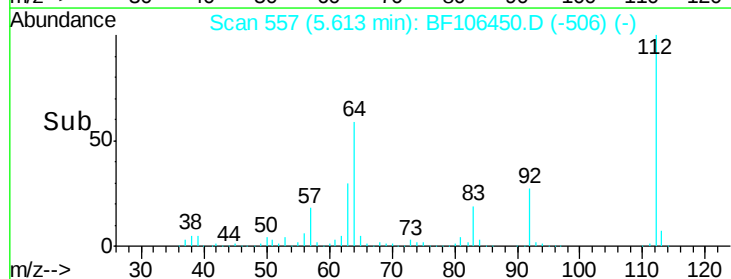
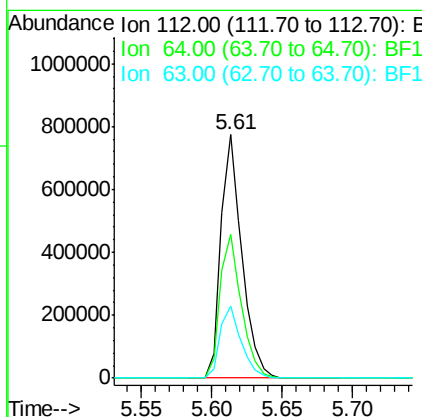
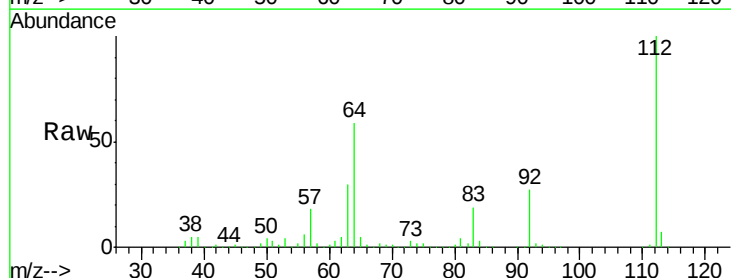
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-029

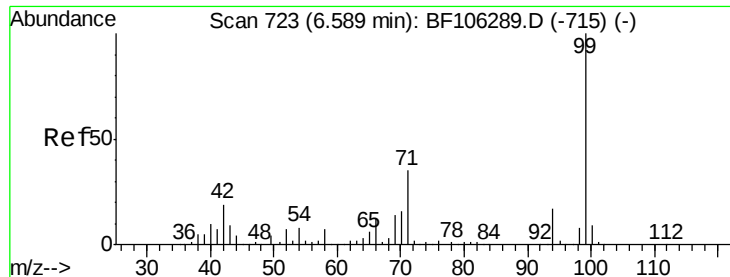
Tgt Ion:152 Resp: 134541
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 60.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 100.316 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF106450.D
 Acq: 14 Jun 2018 18:51

Tgt Ion:112 Resp: 797436
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 29.6 23.7 35.5





#7

Phenol-d6

Concen: 94.890 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106450.D

Acq: 14 Jun 2018 18:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-029

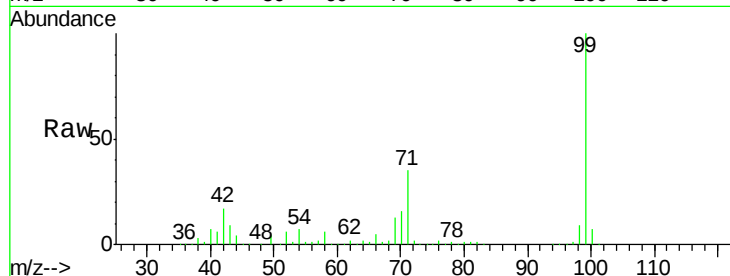
Tgt Ion: 99 Resp: 952997

Ion Ratio Lower Upper

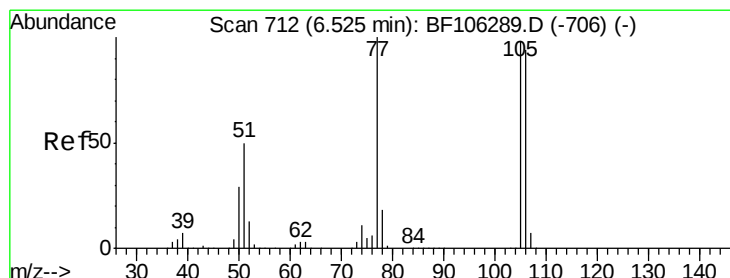
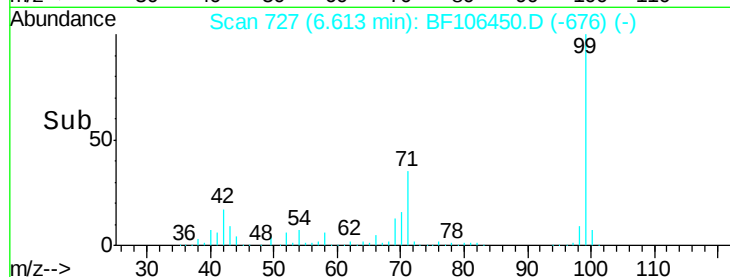
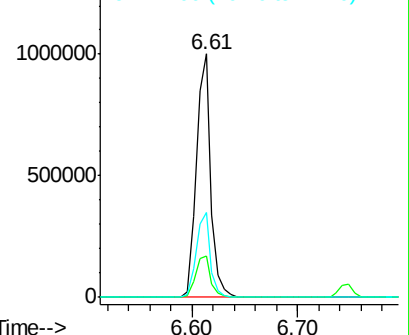
99 100

42 17.2 14.5 21.7

71 34.9 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: 2.306 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106450.D

Acq: 14 Jun 2018 18:51

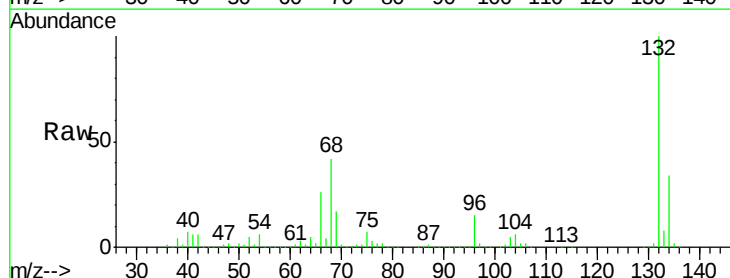
Tgt Ion: 77 Resp: 17565

Ion Ratio Lower Upper

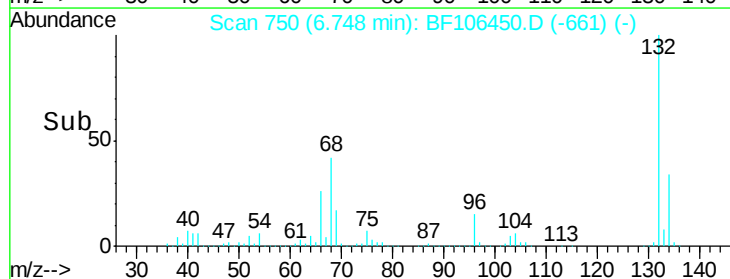
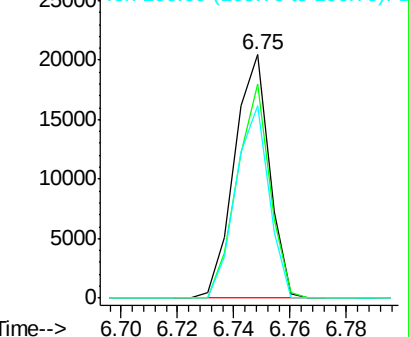
77 100

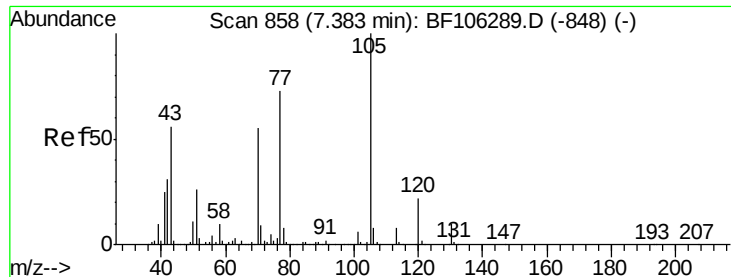
105 87.7 81.1 121.1

106 79.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

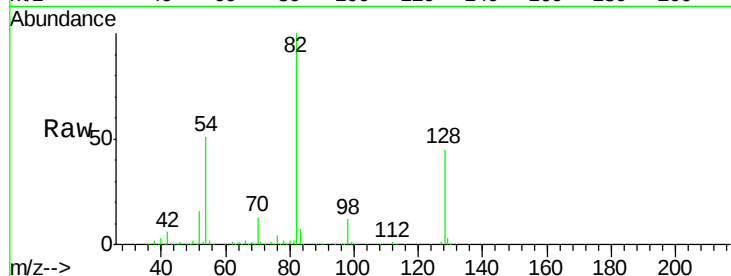




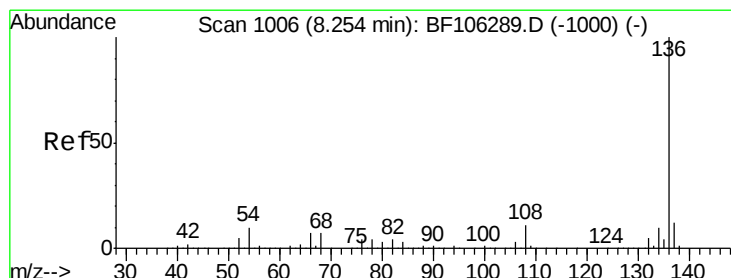
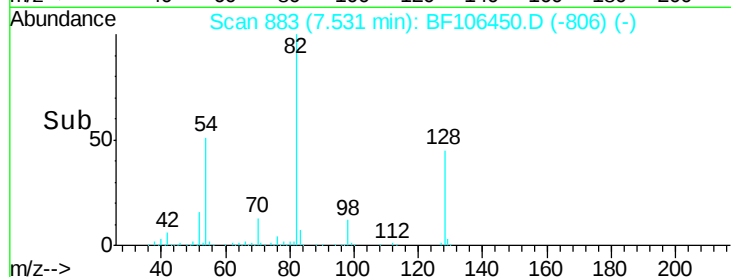
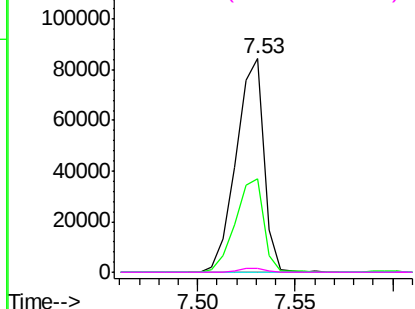
#19
n-Nitroso-di-n-propylamine
Concen: 11.009 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106450.D
Acq: 14 Jun 2018 18:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-029

Tgt Ion: 70 Resp: 82948
Ion Ratio Lower Upper
70 100
42 43.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#

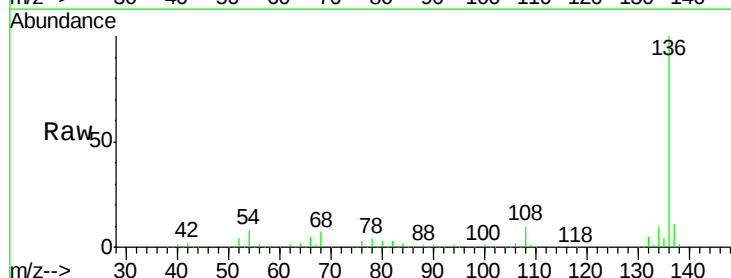


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

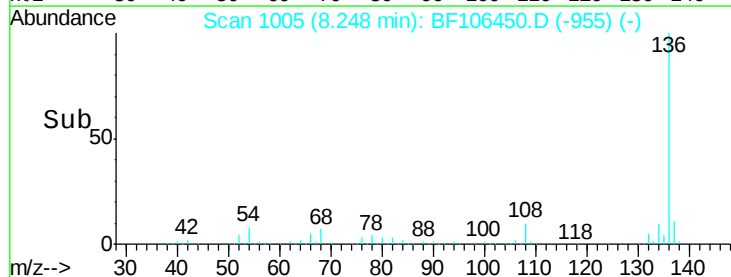
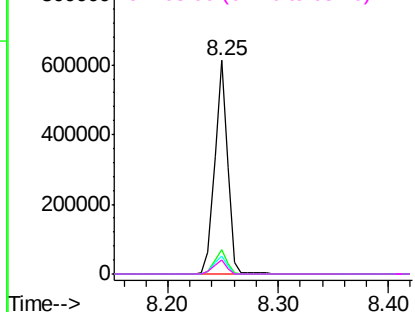


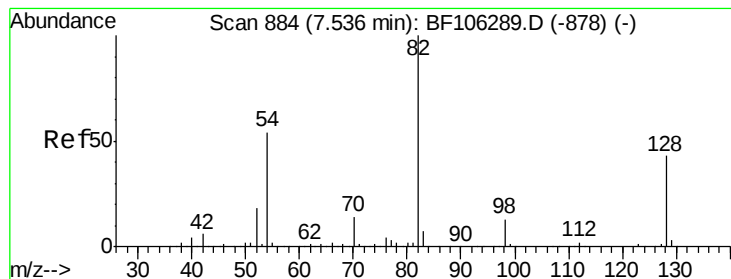
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106450.D
Acq: 14 Jun 2018 18:51

Tgt Ion: 136 Resp: 485278
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.4 6.6 9.8
68 6.5 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: 74.409 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106450.D

Acq: 14 Jun 2018 18:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-029

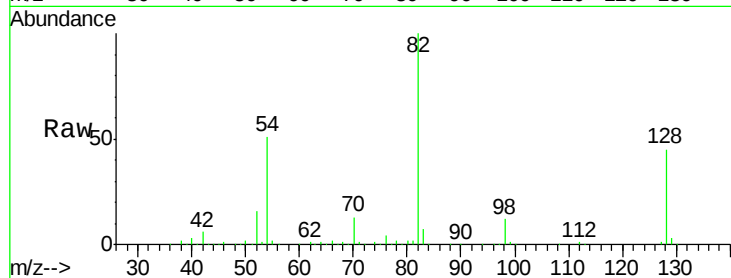
Tgt Ion: 82 Resp: 613806

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

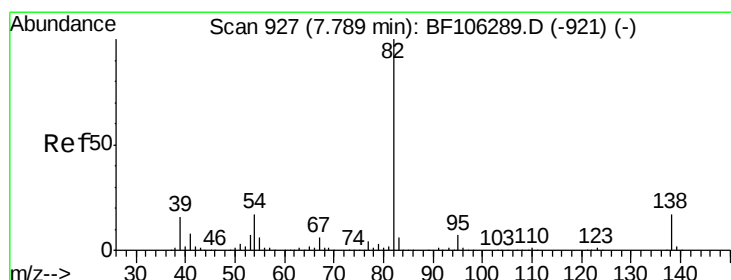
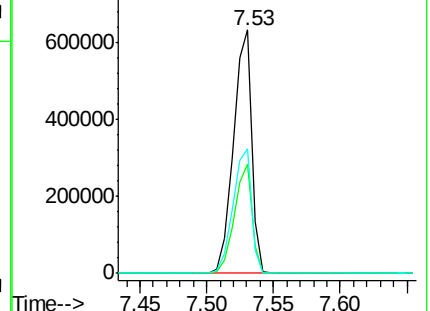
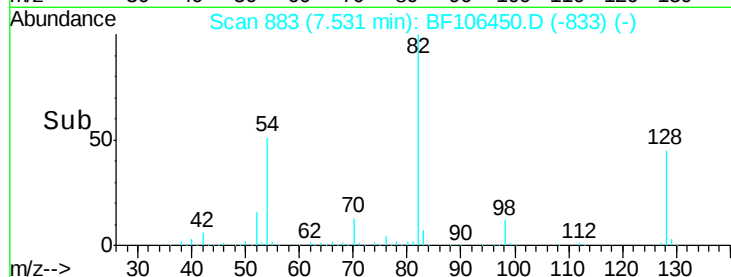
54 51.1 41.4 62.2



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: 38.095 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106450.D

Acq: 14 Jun 2018 18:51

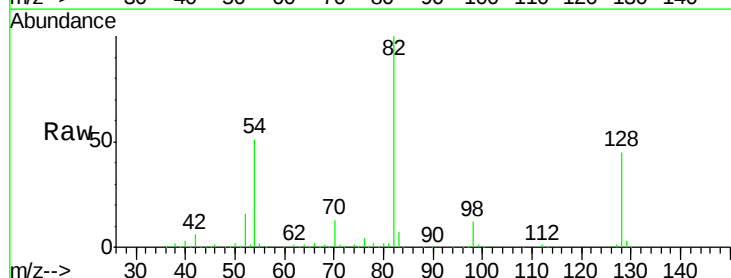
Tgt Ion: 82 Resp: 613796

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

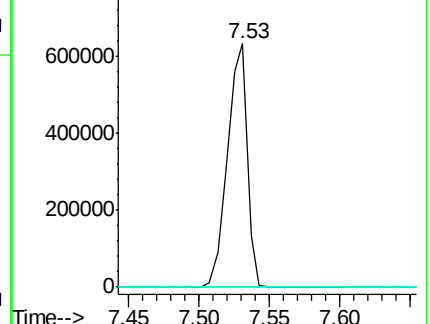
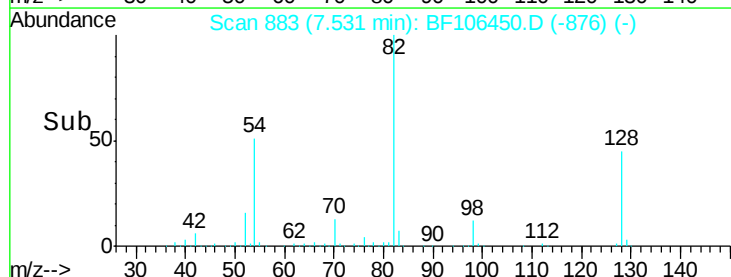
138 0.0 14.9 22.3#

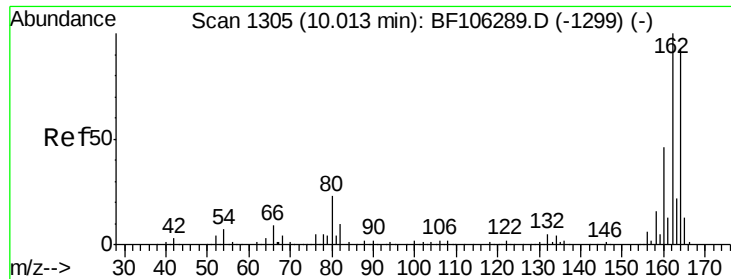


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

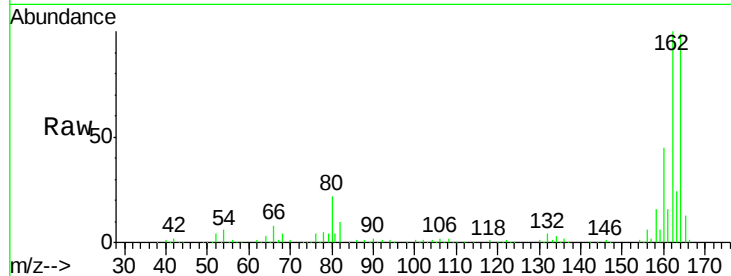




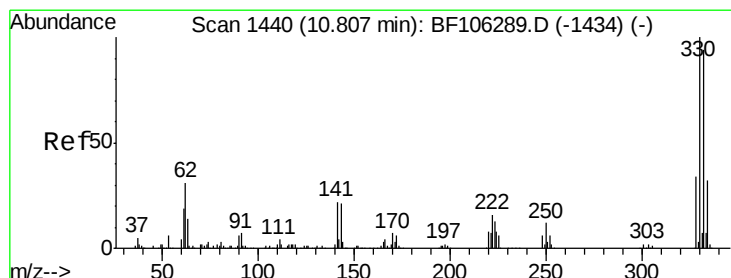
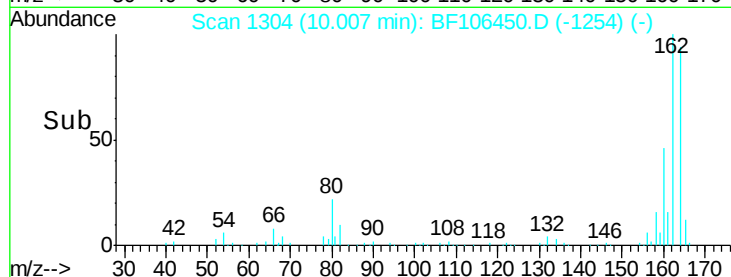
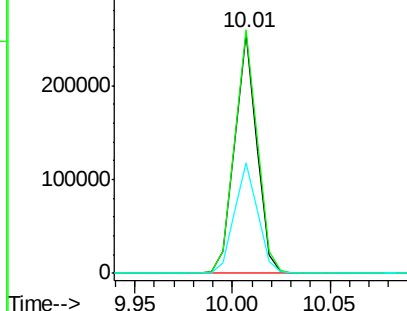
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106450.D
 Acq: 14 Jun 2018 18:51

Instrument :
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 FK-PS-01-029

Tgt Ion:164 Resp: 201943
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.1 129.1
 160 46.0 38.3 57.5

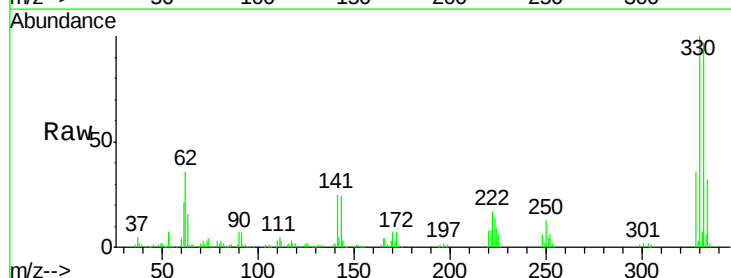


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

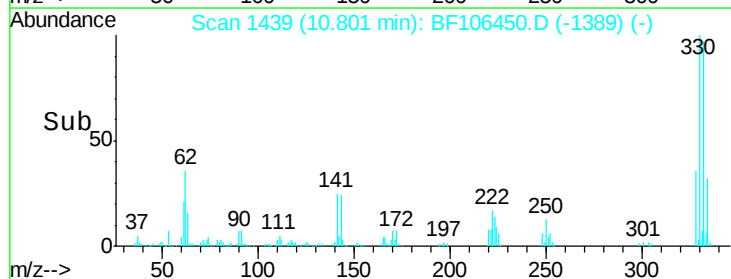
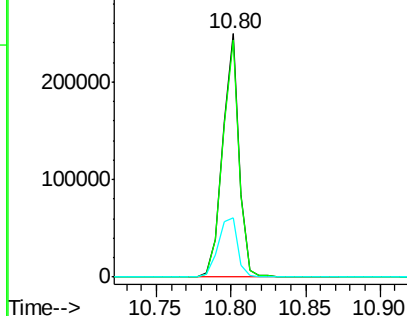


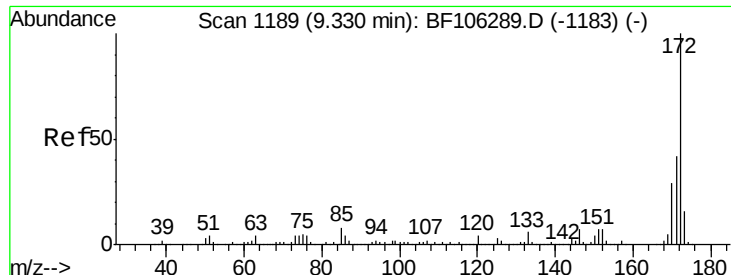
#41
 2,4,6-Tribromophenol
 Concen: 99.817 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106450.D
 Acq: 14 Jun 2018 18:51

Tgt Ion:330 Resp: 193949
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 28.9 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

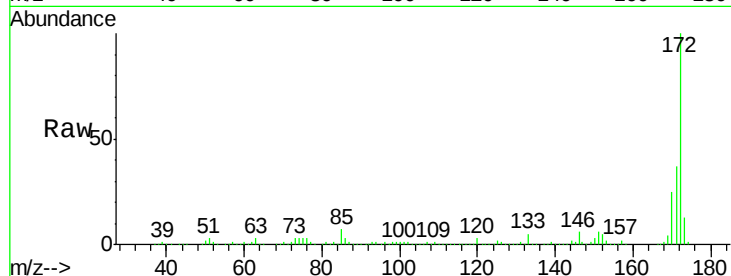




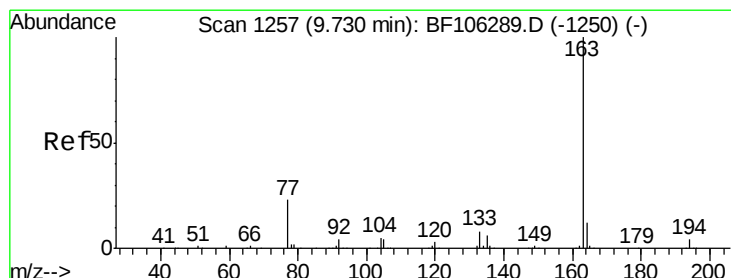
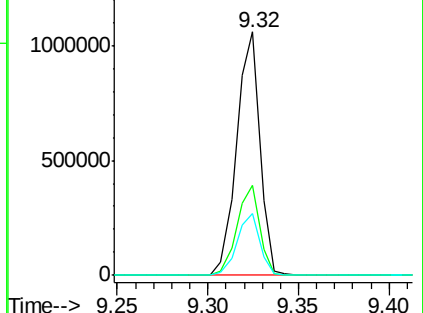
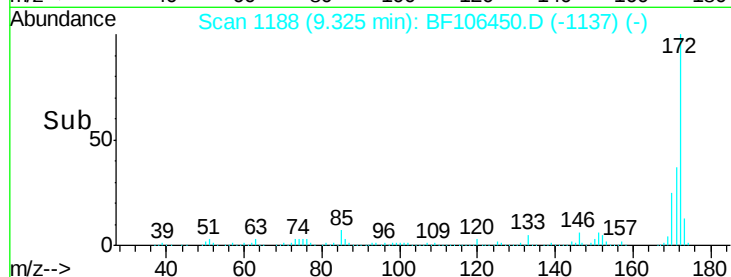
#44
 2-Fluorobiphenyl
 Concen: 82.235 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106450.D
 Acq: 14 Jun 2018 18:51

Instrument :
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Tgt Ion:172 Resp: 944850
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 25.2 19.6 29.4

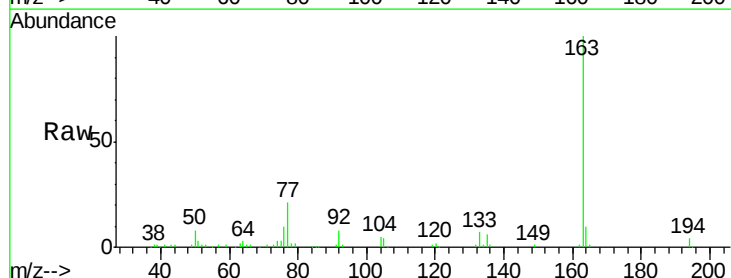


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

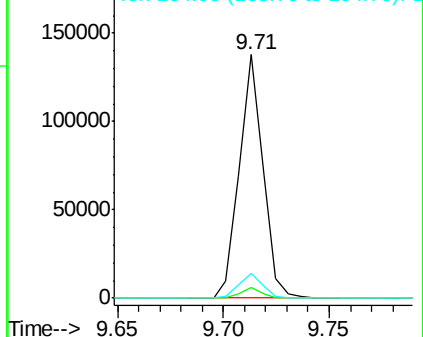
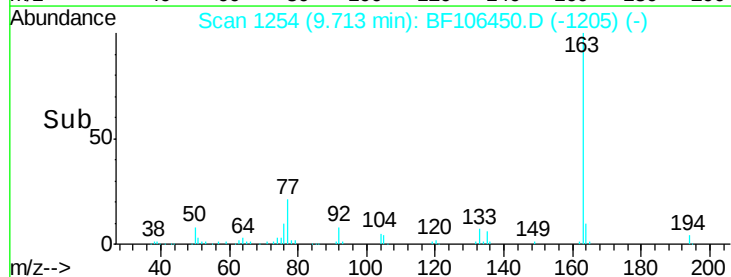


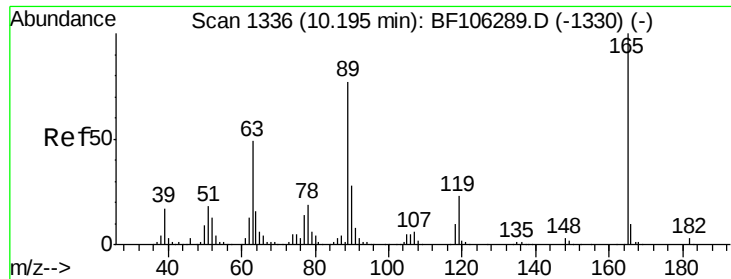
#49
 Dimethylphthalate
 Concen: 7.396 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106450.D
 Acq: 14 Jun 2018 18:51

Tgt Ion:163 Resp: 106705
 Ion Ratio Lower Upper
 163 100
 194 4.3 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

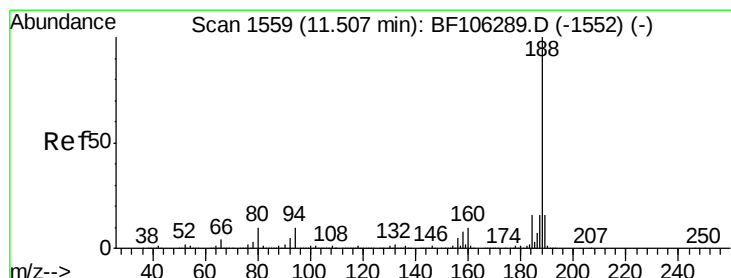
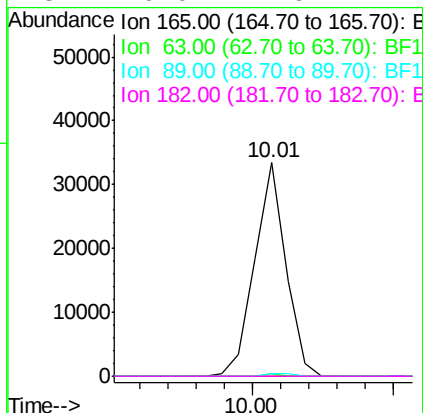
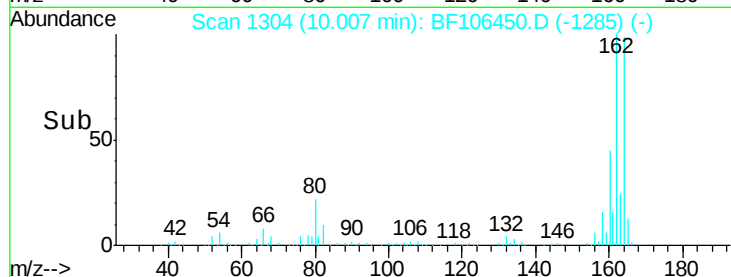
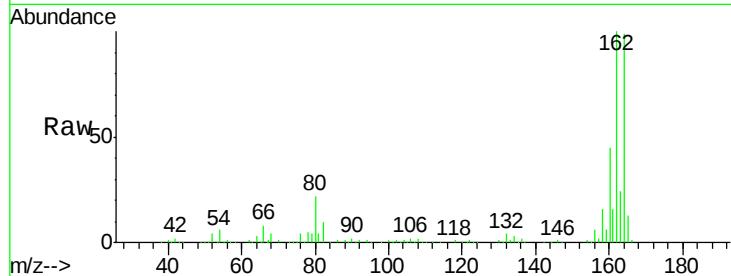




#56
2,4-Dinitrotoluene
Concen: 6.904 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106450.D
Acq: 14 Jun 2018 18:51

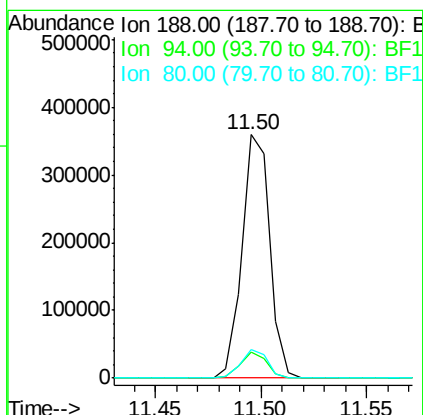
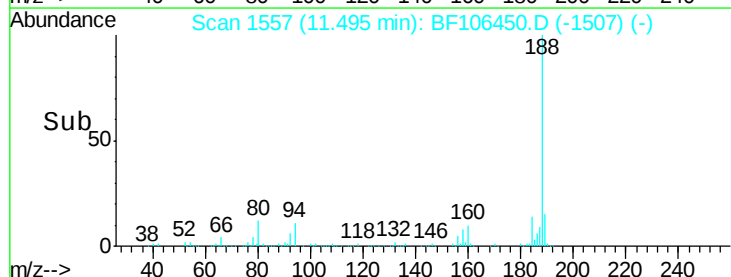
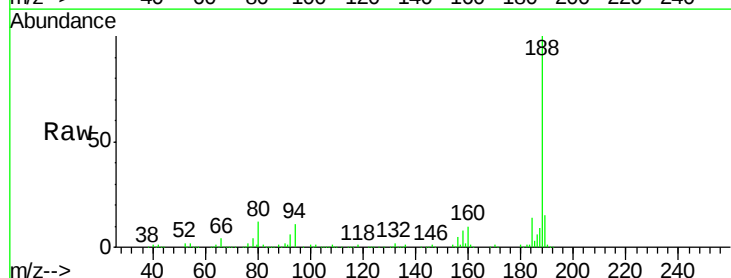
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-029

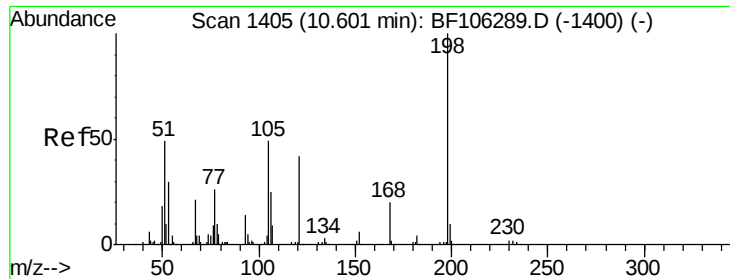
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106450.D
Acq: 14 Jun 2018 18:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.9	9.2	13.8

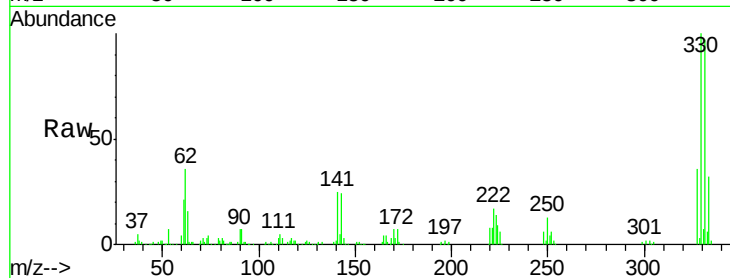




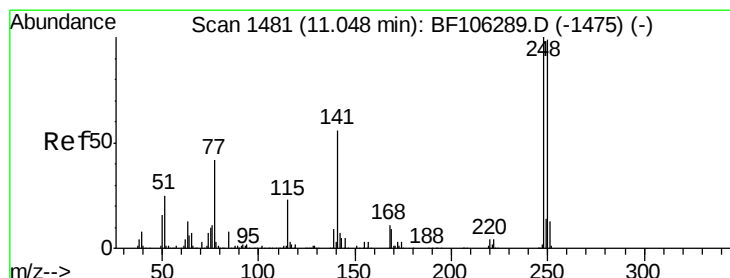
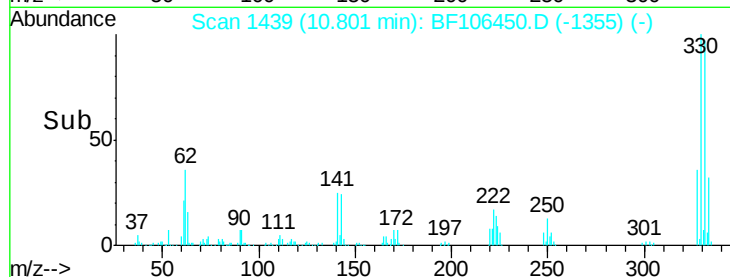
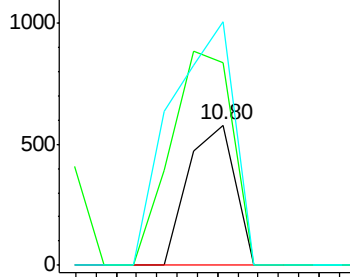
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.478 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.19 min
 Lab File: BF106450.D
 Acq: 14 Jun 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-029

Tgt Ion:198 Resp: 371
 Ion Ratio Lower Upper
 198 100
 51 145.0 37.7 77.7#
 105 173.7 36.3 76.3#

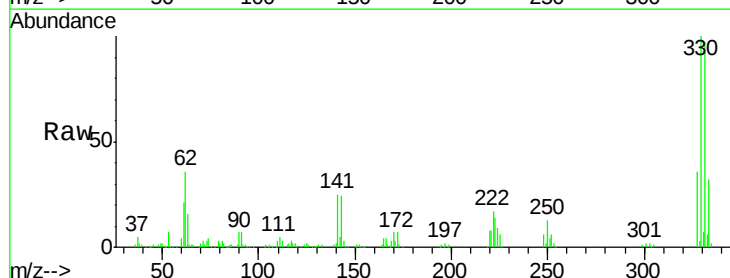


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

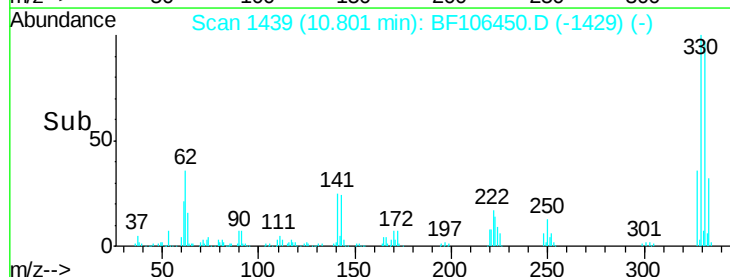
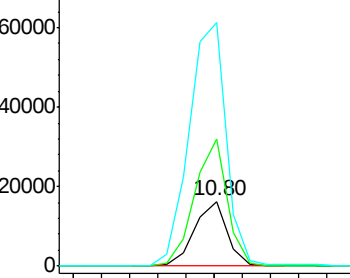


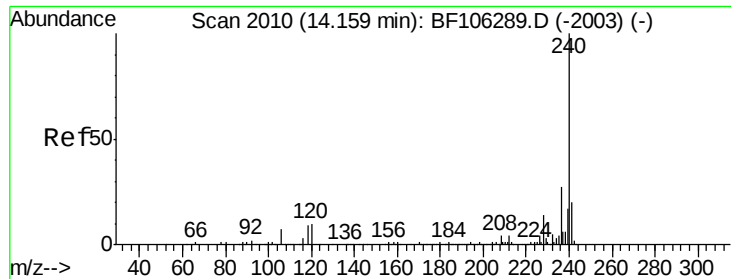
#66
 4-Bromophenyl-phenylether
 Concen: 3.559 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106450.D
 Acq: 14 Jun 2018 18:51

Tgt Ion:248 Resp: 13177
 Ion Ratio Lower Upper
 248 100
 250 197.3 76.9 115.3#
 141 377.8 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: BF106450.D

Acq: 14 Jun 2018 18:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-029

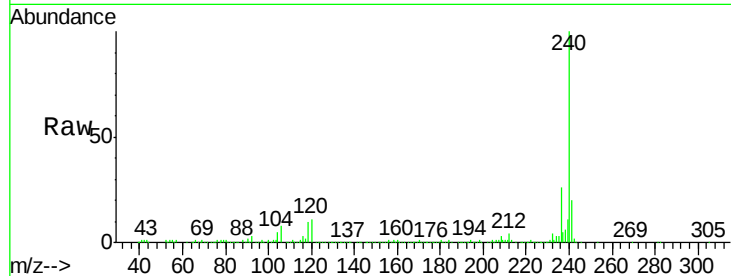
Tgt Ion:240 Resp: 341149

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

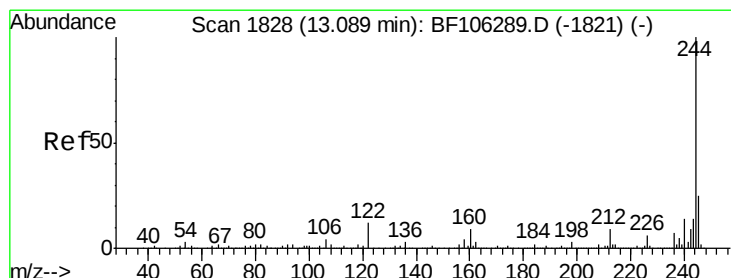
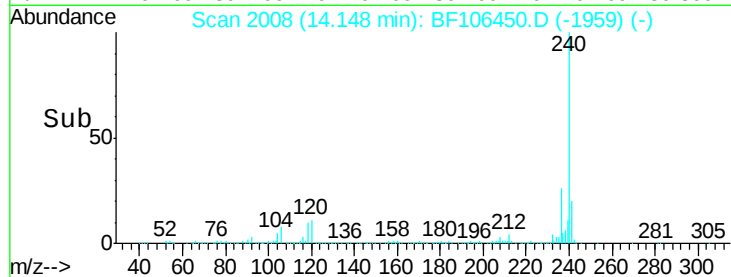
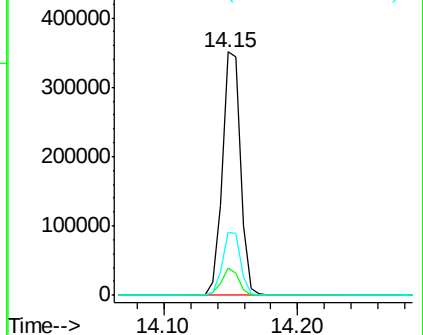
236 26.0 20.7 31.1



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: 61.735 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106450.D

Acq: 14 Jun 2018 18:51

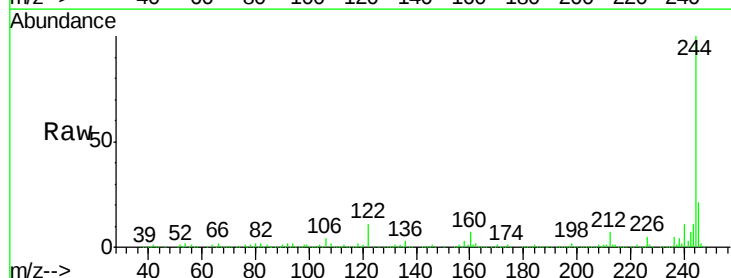
Tgt Ion:244 Resp: 847934

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

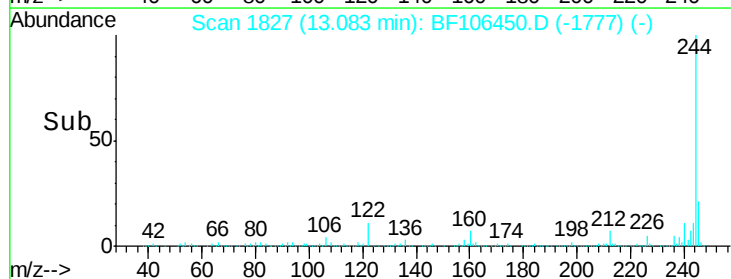
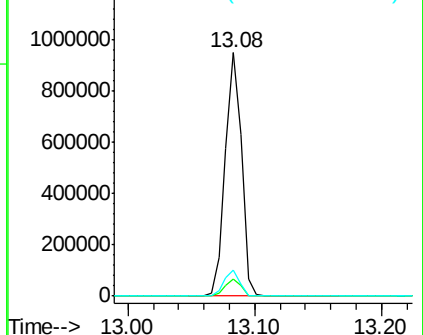
122 10.7 11.0 16.4#

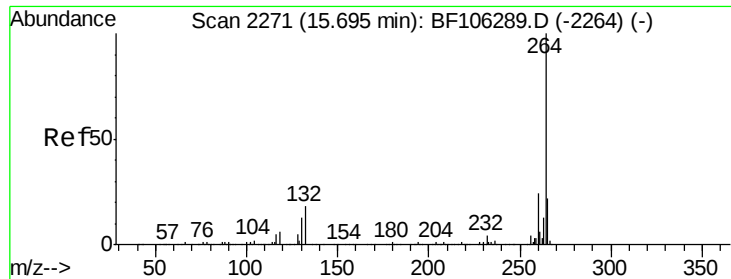


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2271
Delta R.T. -0.01 min
Lab File: BF106450.D
Acq: 14 Jun 2018 18:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-029

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3

