

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106310.D
 Acq On : 11 Jun 2018 22:16
 Operator : JU/SJ
 Sample : J3350-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-006-ABCD

Quant Time: Jun 12 01:45:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	202527	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	742409	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	327712	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	563880	20.00	ng	0.00
75) Chrysene-d12	14.14	240	509682	20.00	ng	-0.02
86) Perylene-d12	15.67	264	406472	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	1020924	85.32	ng	0.00
7) Phenol-d6	6.59	99	1270529	84.04	ng	0.00
23) Nitrobenzene-d5	7.53	82	821834	65.12	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	305199	96.79	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1281079	63.84	ng	0.00
78) Terphenyl-d14	13.08	244	1215818	59.25	ng	0.00

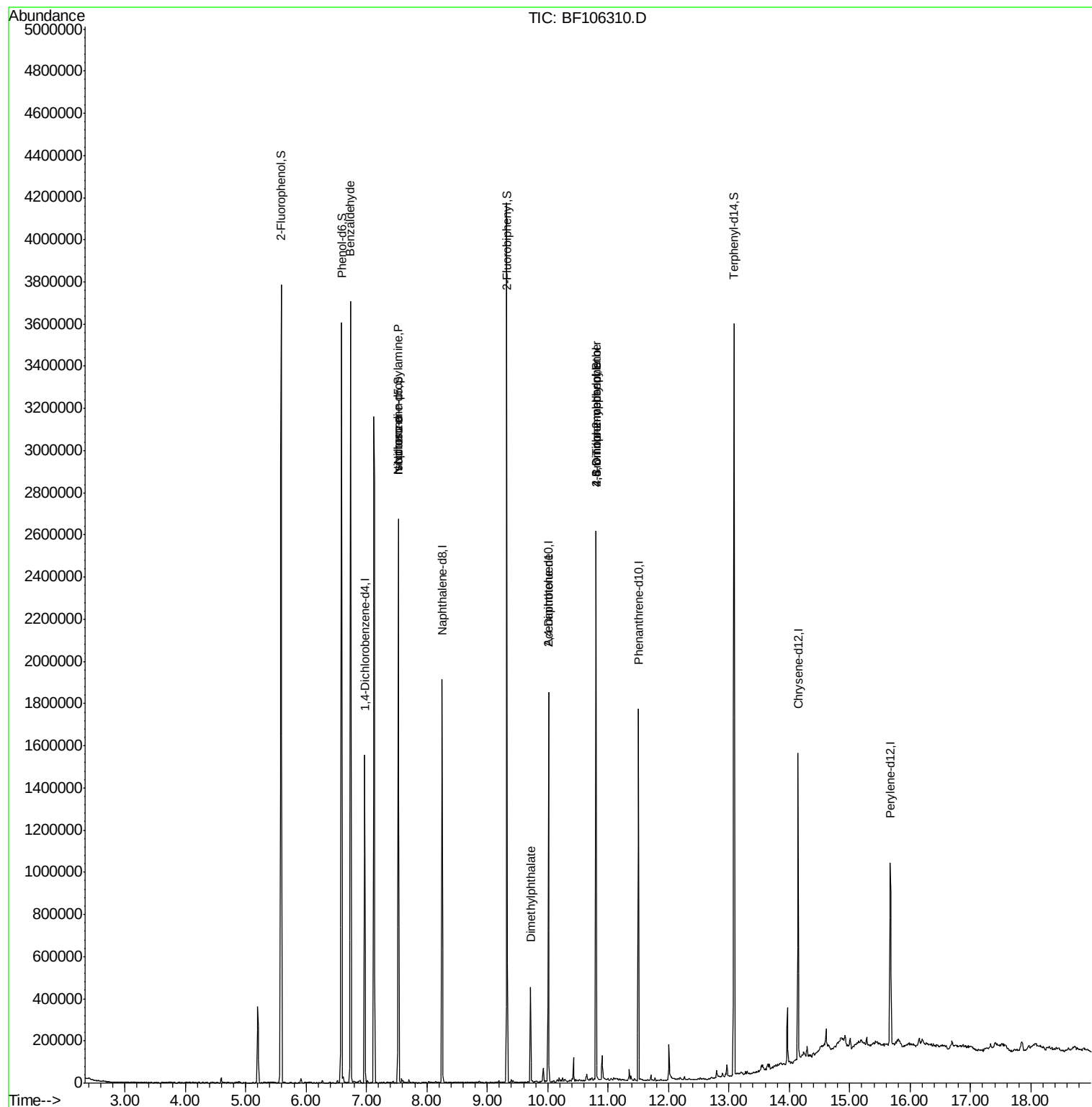
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	24732	2.157	ng	84
19) n-Nitroso-di-n-propylamine	7.53	70	111928	9.868	ng	# 76
25) Isophorone	7.53	82	821821	33.340	ng	# 64
49) Dimethylphthalate	9.72	163	165402	7.064	ng	98
56) 2,4-Dinitrotoluene	10.01	165	42360	7.053	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	642	6.478	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20660	3.221	ng	# 1

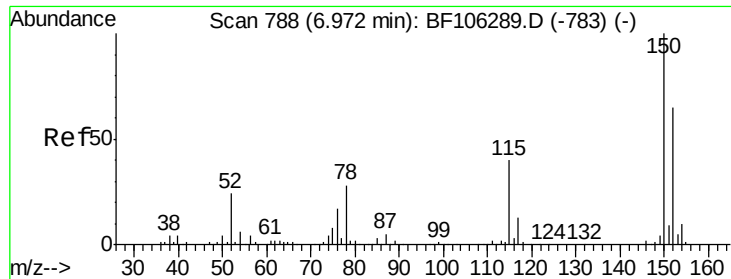
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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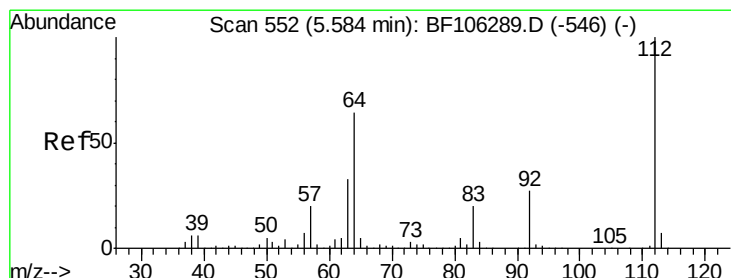
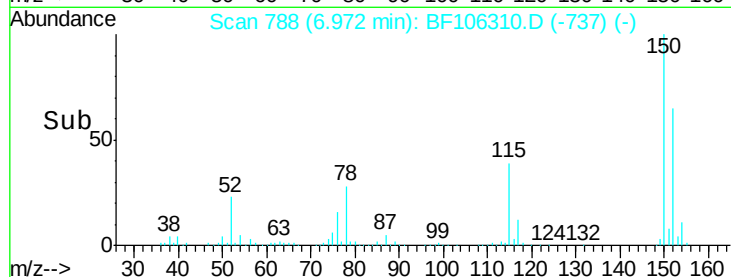
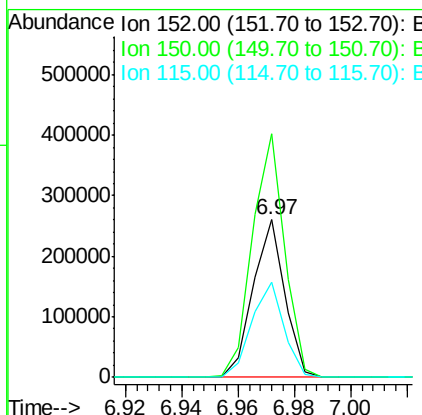
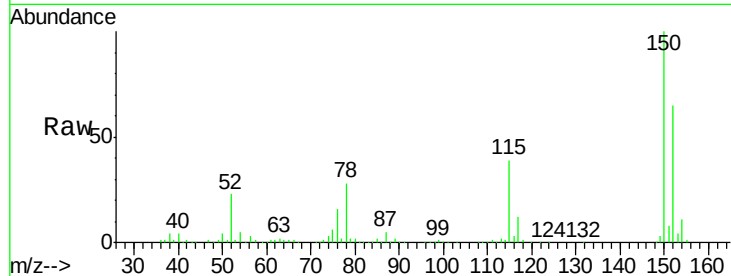


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106310.D
Acq: 11 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-006-ABCD

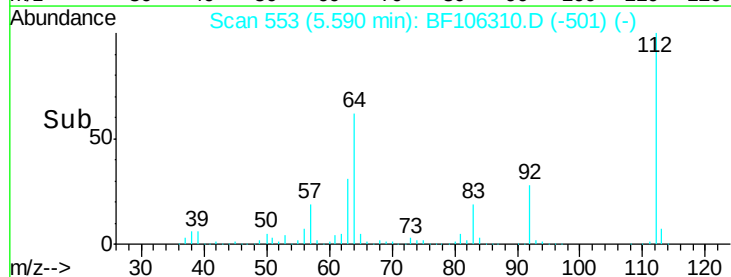
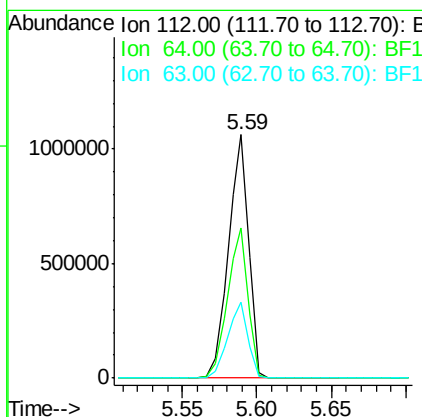
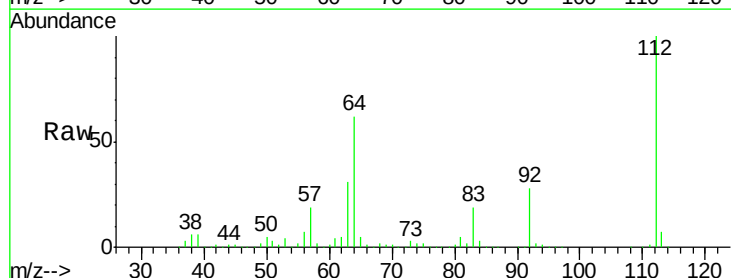
Tgt Ion:152 Resp: 202527
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 60.3 50.1 75.1

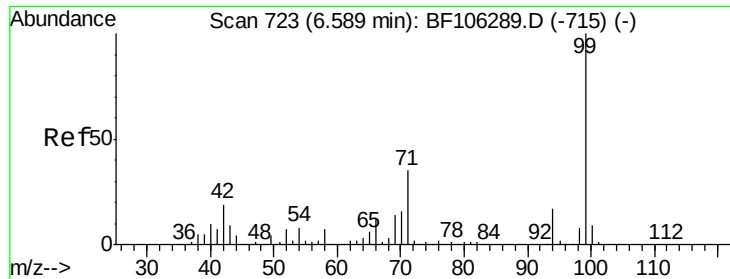


#5

2-Fluorophenol
Concen: 85.318 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106310.D
Acq: 11 Jun 2018 22:16

Tgt Ion:112 Resp: 1020924
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 84.040 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106310.D

Acq: 11 Jun 2018 22:16

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-006-ABCD

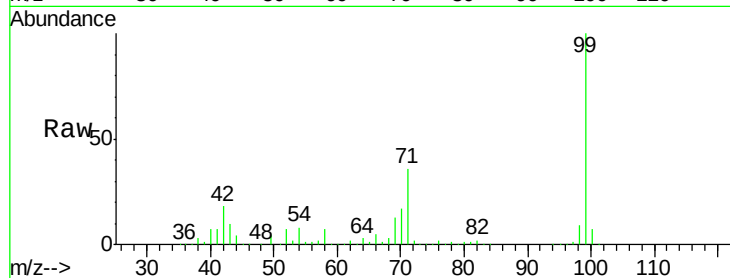
Tgt Ion: 99 Resp: 1270529

Ion Ratio Lower Upper

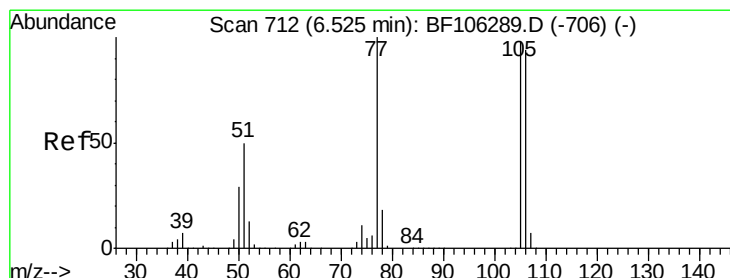
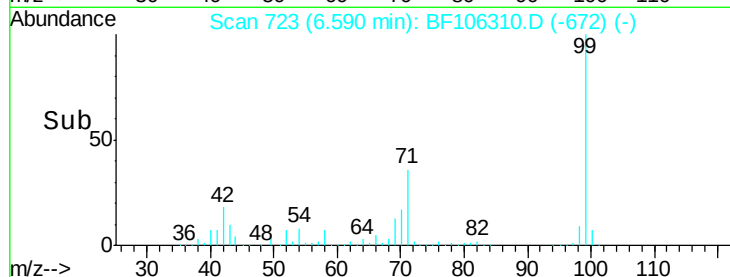
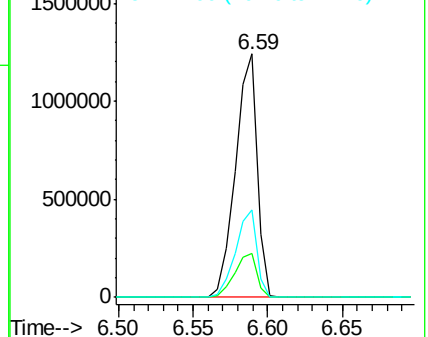
99 100

42 18.2 14.5 21.7

71 35.9 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: 2.157 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.21 min

Lab File: BF106310.D

Acq: 11 Jun 2018 22:16

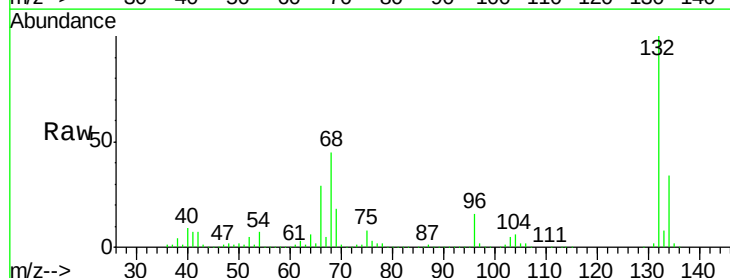
Tgt Ion: 77 Resp: 24732

Ion Ratio Lower Upper

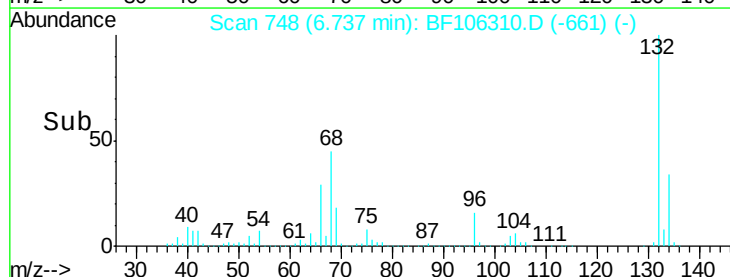
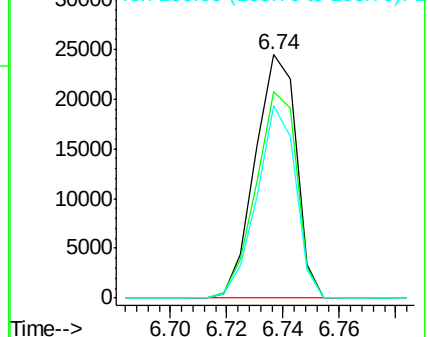
77 100

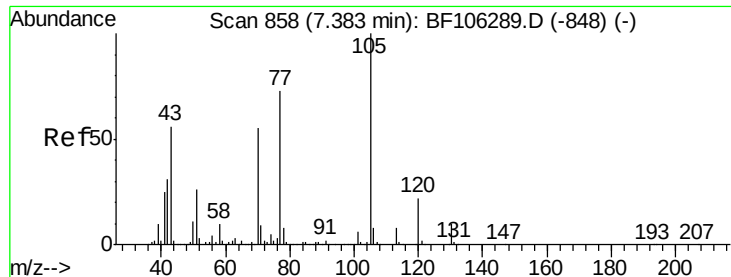
105 84.8 81.1 121.1

106 79.0 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

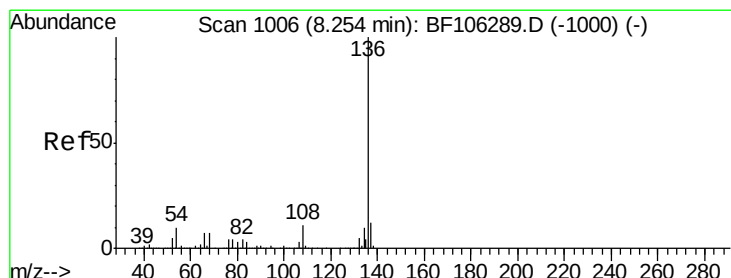
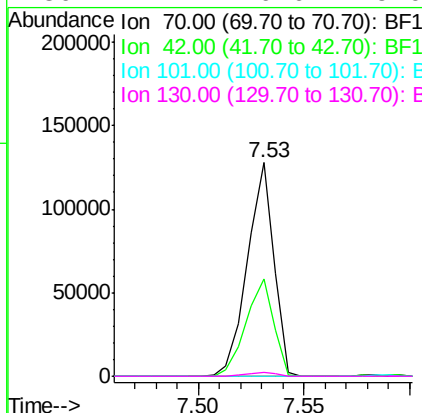
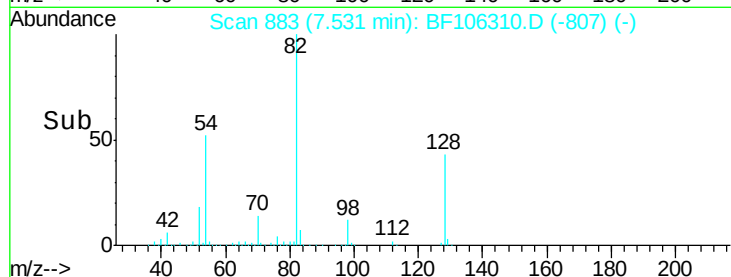
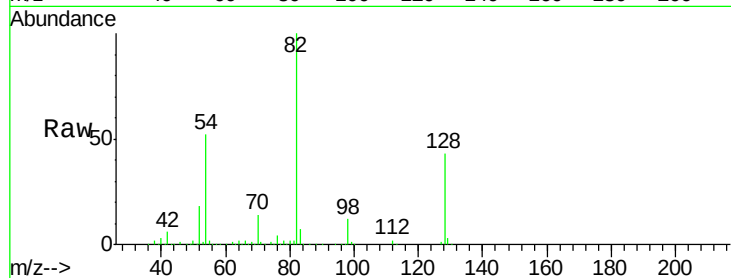




#19
n-Nitroso-di-n-propylamine
Concen: 9.868 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106310.D
Acq: 11 Jun 2018 22:16

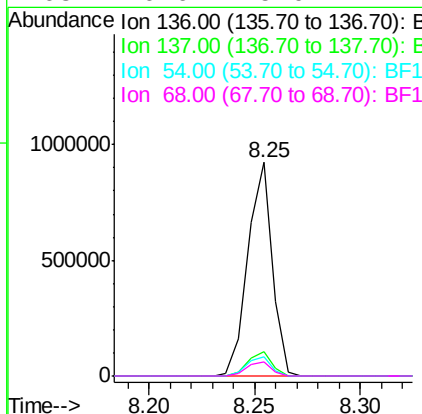
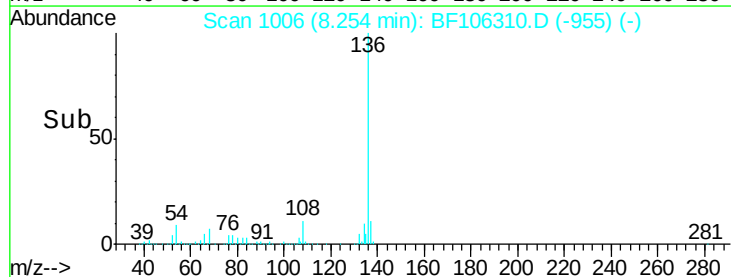
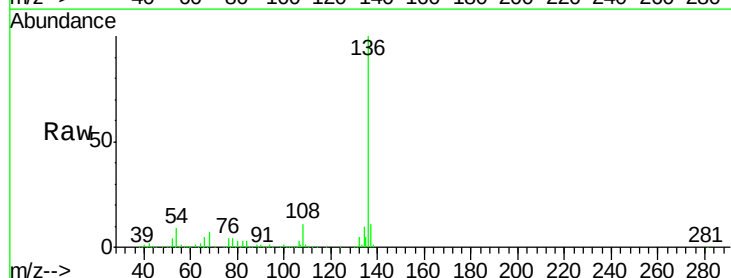
Instrument :
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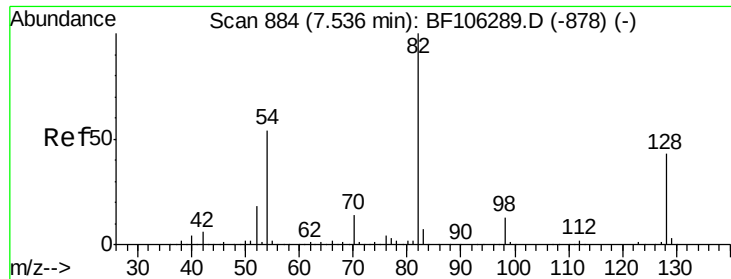
Tgt Ion: 70 Resp: 111928
Ion Ratio Lower Upper
70 100
42 45.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106310.D
Acq: 11 Jun 2018 22:16

Tgt Ion: 136 Resp: 742409
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.7 6.6 9.8
68 6.6 5.0 7.4

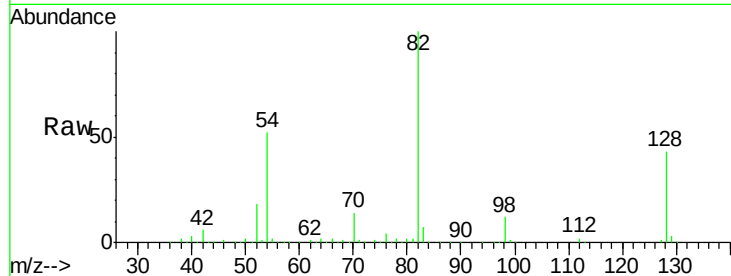




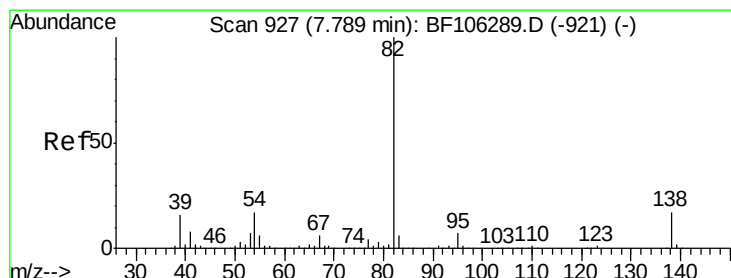
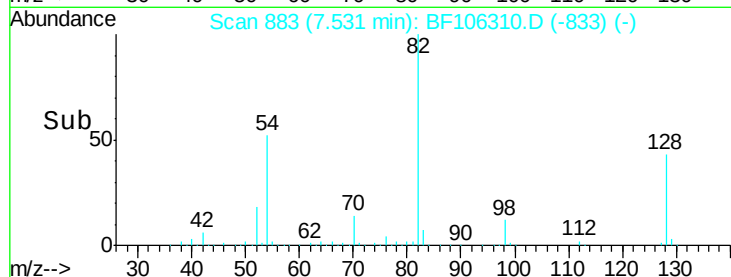
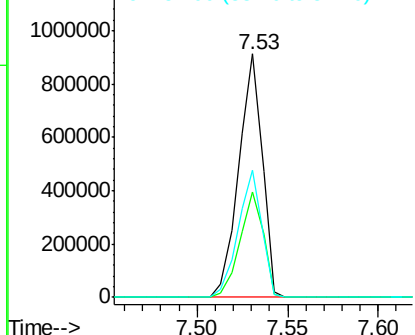
#23
 Nitrobenzene-d5
 Concen: 65.122 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF106310.D
 Acq: 11 Jun 2018 22:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-006-ABCD

Tgt Ion: 82 Resp: 821834
 Ion Ratio Lower Upper
 82 100
 128 43.1 36.1 54.1
 54 52.2 41.4 62.2

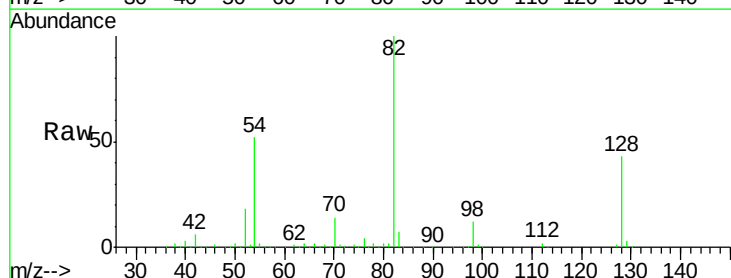


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

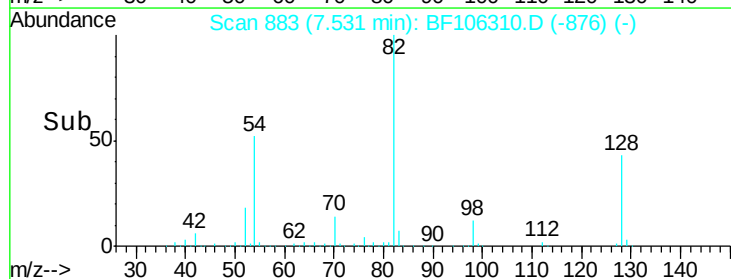
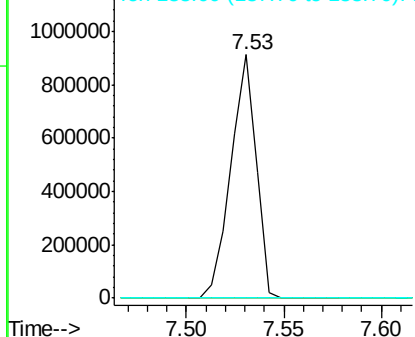


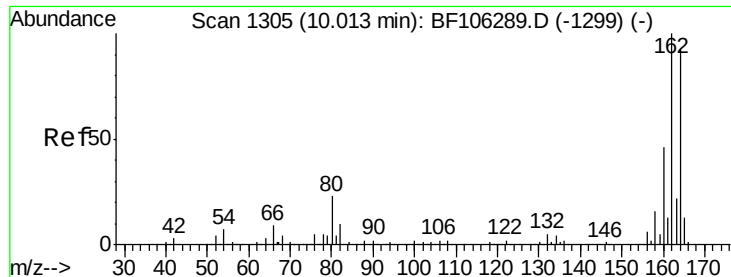
#25
 Isophorone
 Concen: 33.340 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF106310.D
 Acq: 11 Jun 2018 22:16

Tgt Ion: 82 Resp: 821821
 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# 1305

Delta R.T. 0.00 min

Lab File: BF106310.D

Acq: 11 Jun 2018 22:16

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-006-ABCD

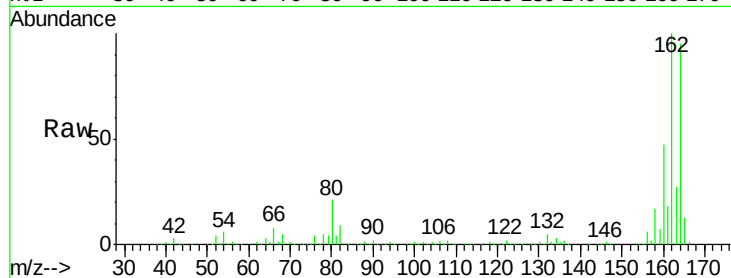
Tgt Ion:164 Resp: 327712

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

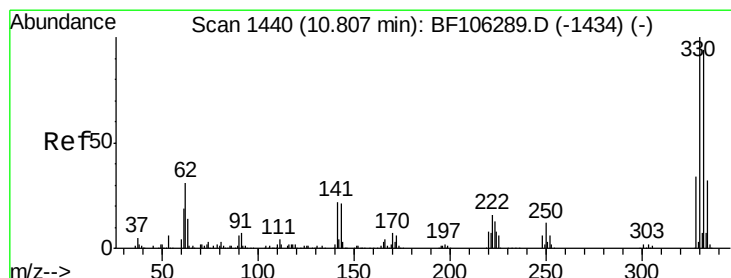
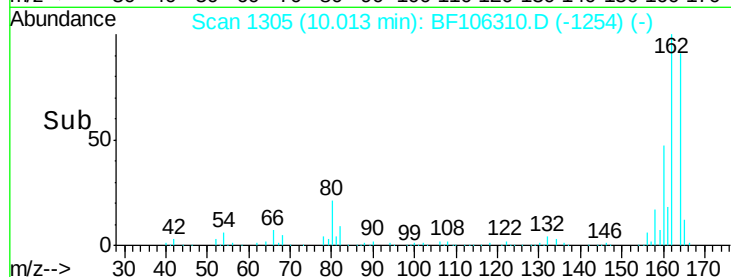
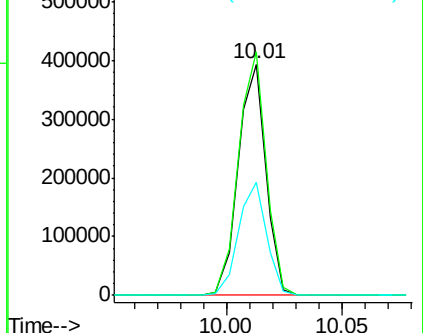
160 49.1 38.3 57.5



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: 96.792 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106310.D

Acq: 11 Jun 2018 22:16

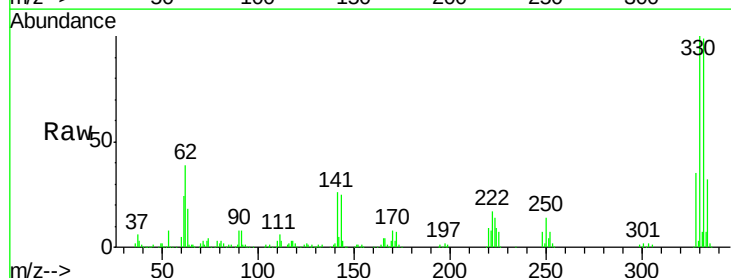
Tgt Ion:330 Resp: 305199

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

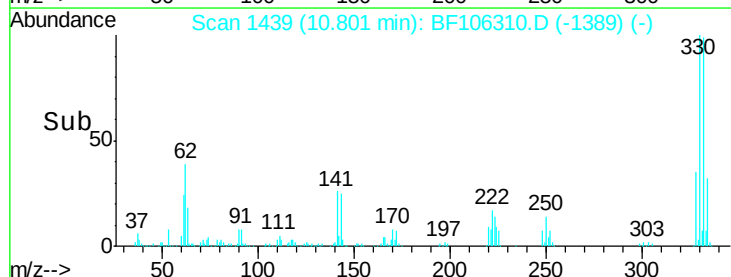
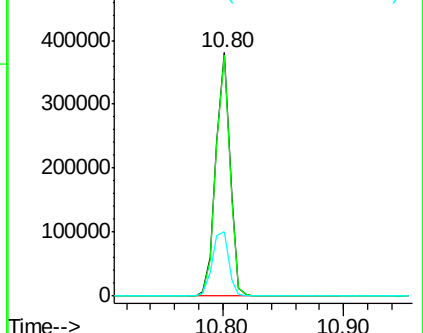
141 31.0 29.9 44.9

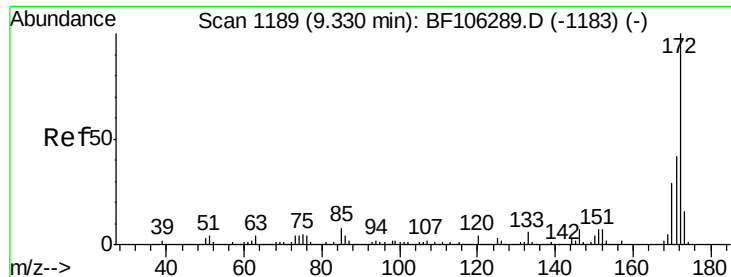


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

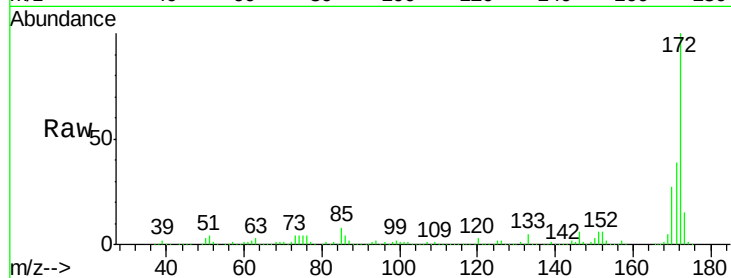




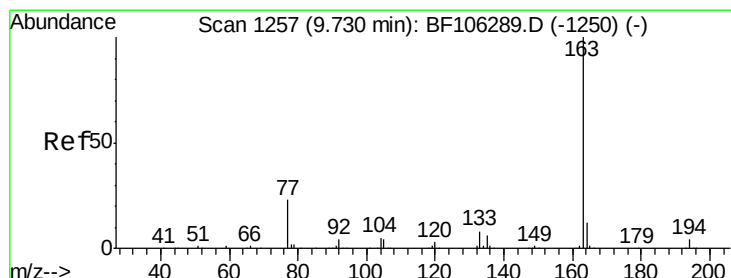
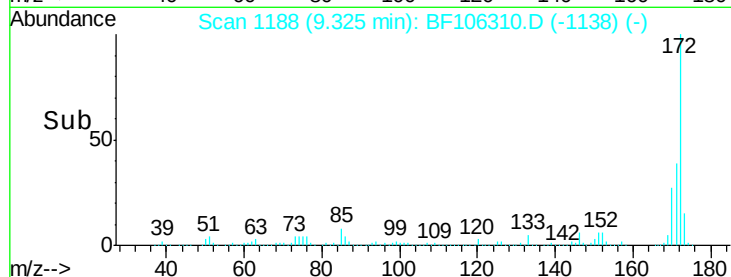
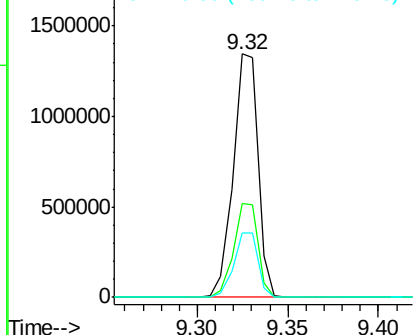
#44
2-Fluorobiphenyl
Concen: 63.844 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106310.D
Acq: 11 Jun 2018 22:16

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Tgt Ion:172 Resp: 1281079
Ion Ratio Lower Upper
172 100
171 38.6 29.7 44.5
170 26.6 19.6 29.4

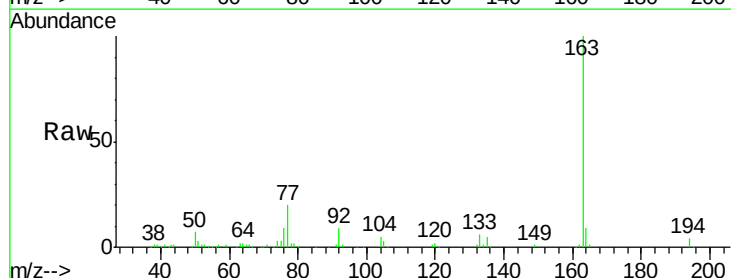


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

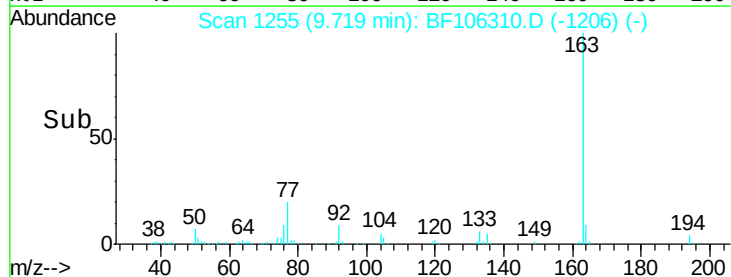
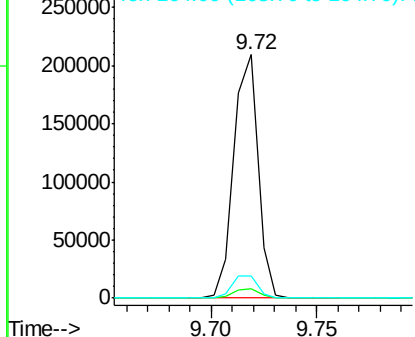


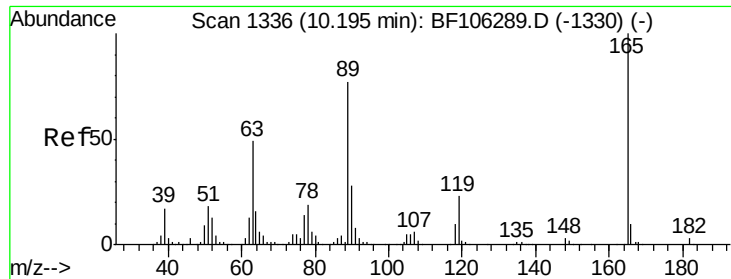
#49
Dimethylphthalate
Concen: 7.064 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106310.D
Acq: 11 Jun 2018 22:16

Tgt Ion:163 Resp: 165402
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.2 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

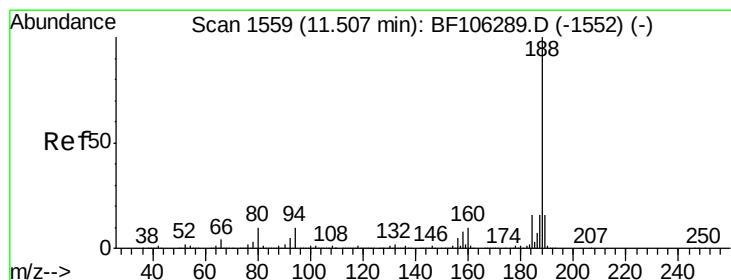
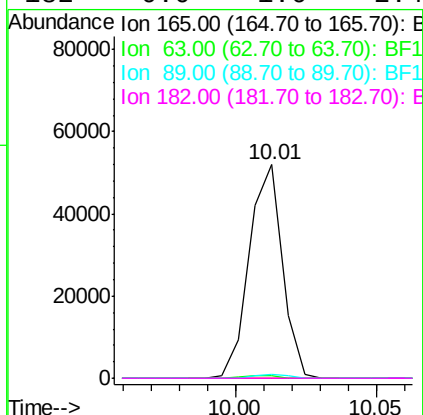
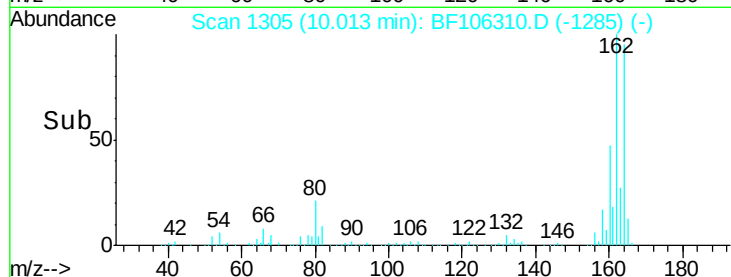
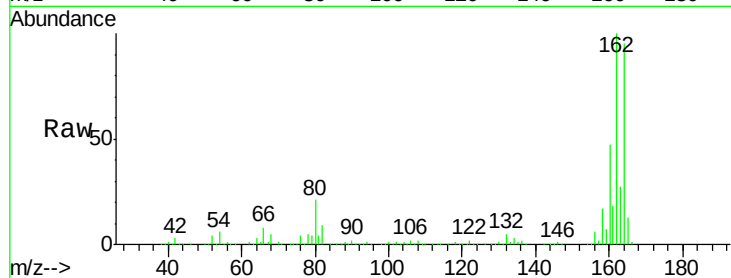




#56
2,4-Dinitrotoluene
Concen: 7.053 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106310.D
Acq: 11 Jun 2018 22:16

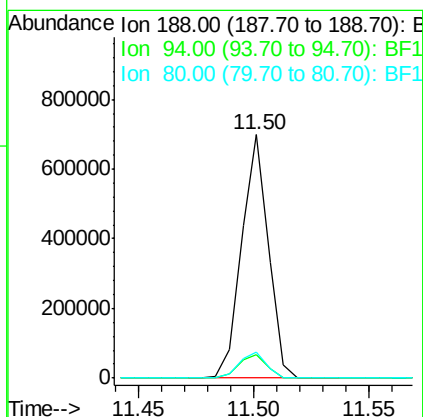
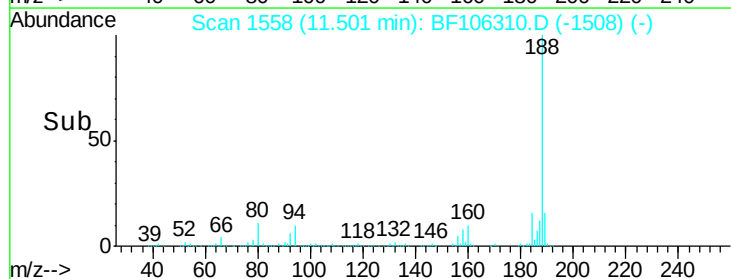
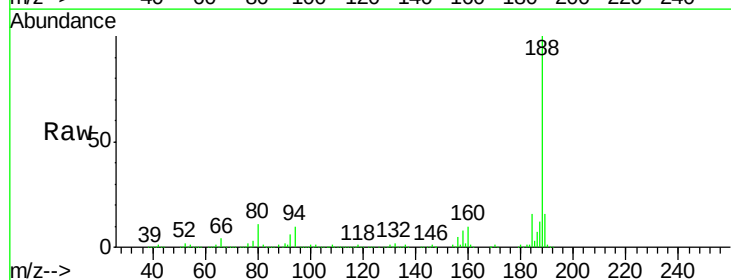
Instrument :
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FK-BPM-02-006-ABCD

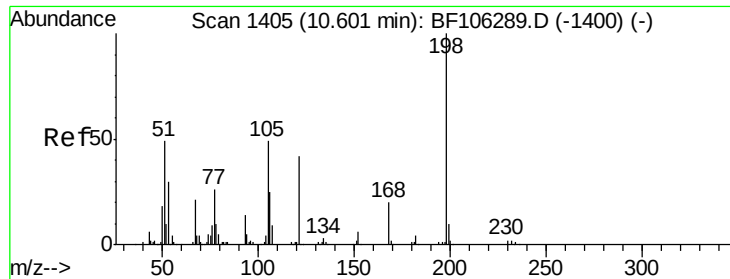
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106310.D
Acq: 11 Jun 2018 22:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.9	9.2	13.8

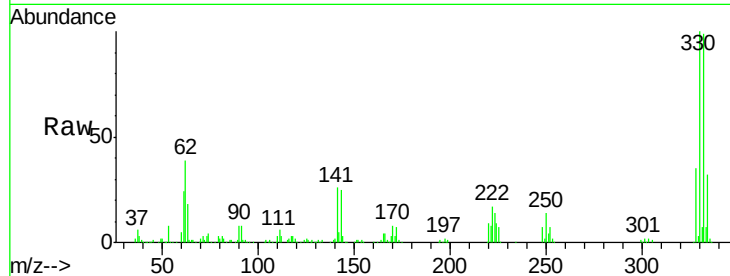




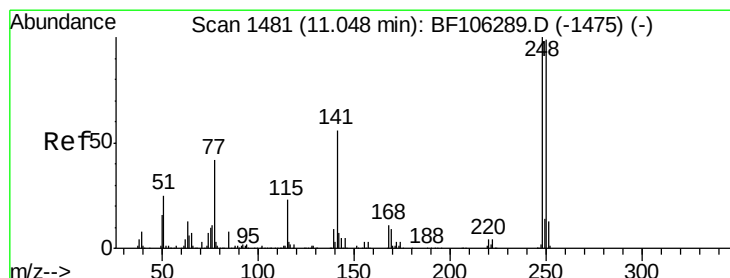
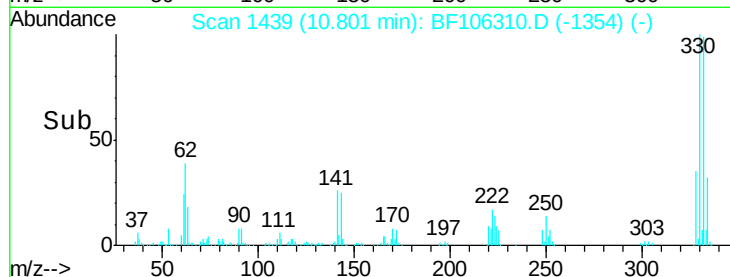
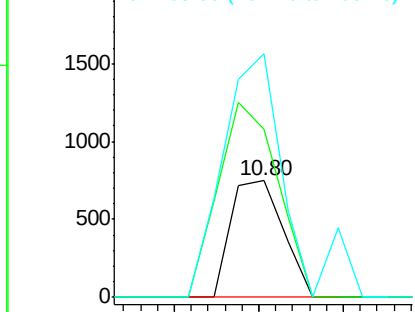
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.478 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106310.D
 Acq: 11 Jun 2018 22:16

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-006-ABCD

Tgt Ion:198 Resp: 642
 Ion Ratio Lower Upper
 198 100
 51 144.6 37.7 77.7#
 105 209.2 36.3 76.3#

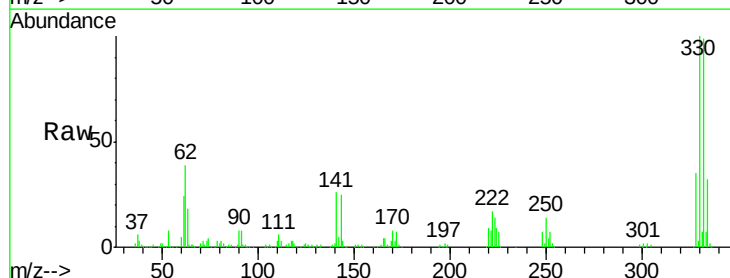


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

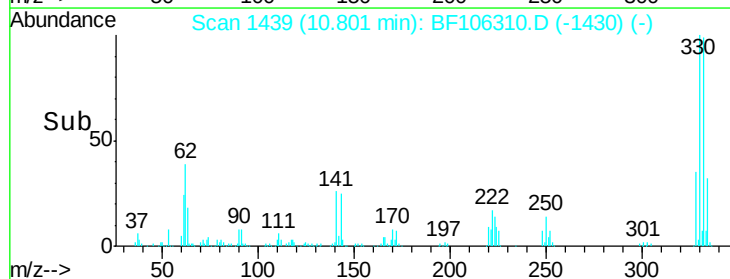
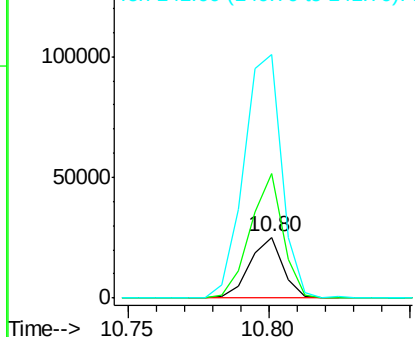


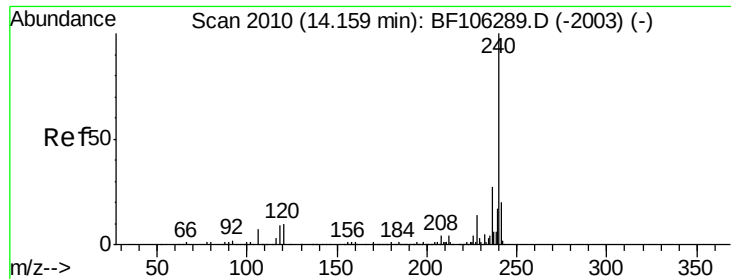
#66
 4-Bromophenyl-phenylether
 Concen: 3.221 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF106310.D
 Acq: 11 Jun 2018 22:16

Tgt Ion:248 Resp: 20660
 Ion Ratio Lower Upper
 248 100
 250 203.5 76.9 115.3#
 141 398.5 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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106310.D

Acq: 11 Jun 2018 22:16

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-006-ABCD

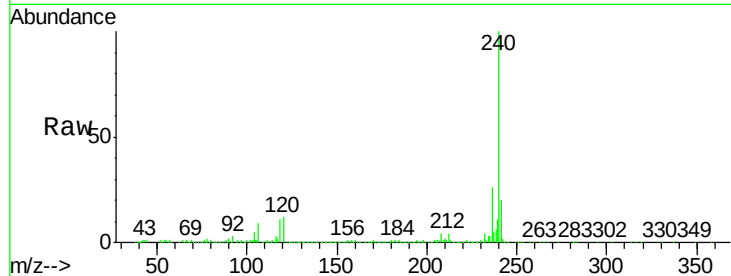
Tgt Ion:240 Resp: 509682

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

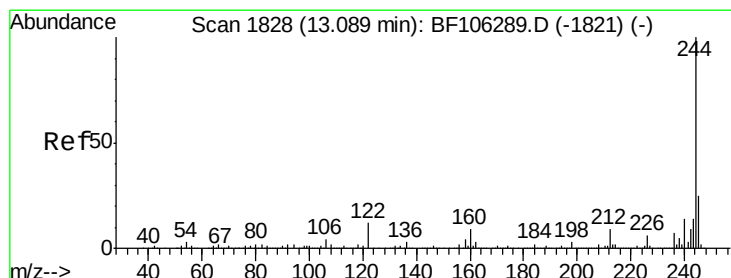
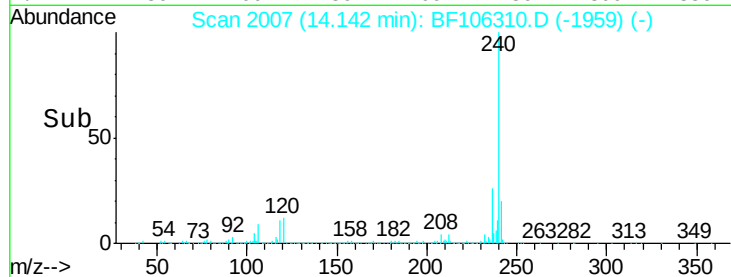
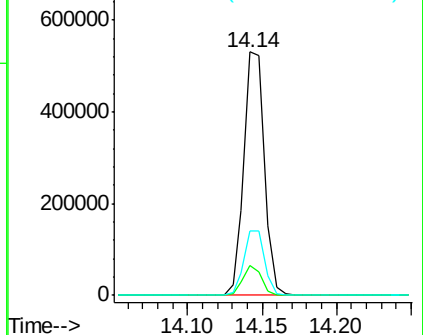
236 26.3 20.7 31.1



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: 59.249 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106310.D

Acq: 11 Jun 2018 22:16

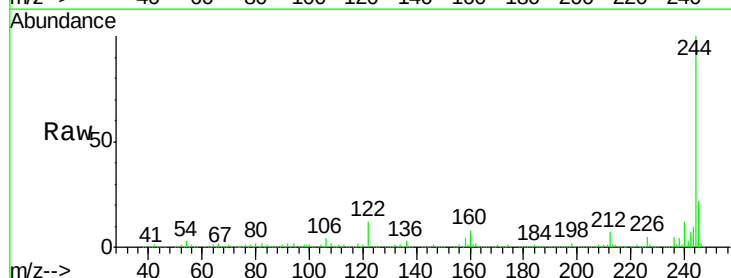
Tgt Ion:244 Resp: 1215818

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

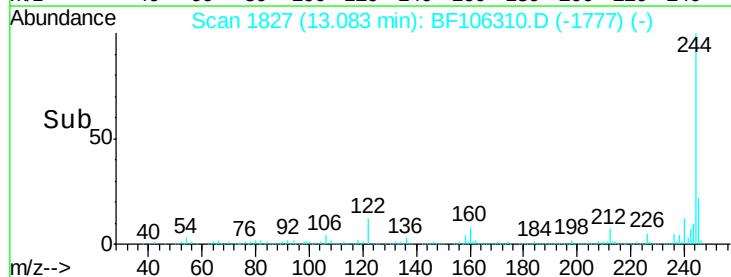
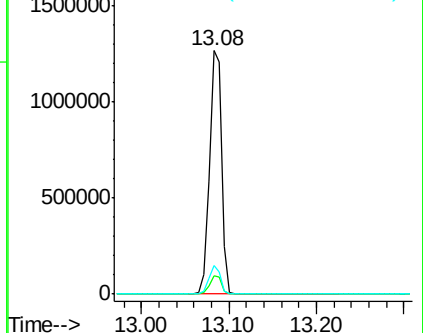
122 11.8 11.0 16.4

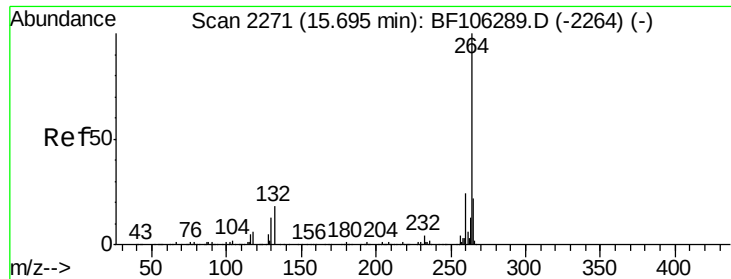


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF106310.D
Acq: 11 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-006-ABCD

Tgt Ion: 264 Resp: 406472
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.6 17.5 26.3

