

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106461.D
 Acq On : 14 Jun 2018 23:45
 Operator : JU/SJ
 Sample : J3467-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-01-061218

Quant Time: Jun 15 08:36:29 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

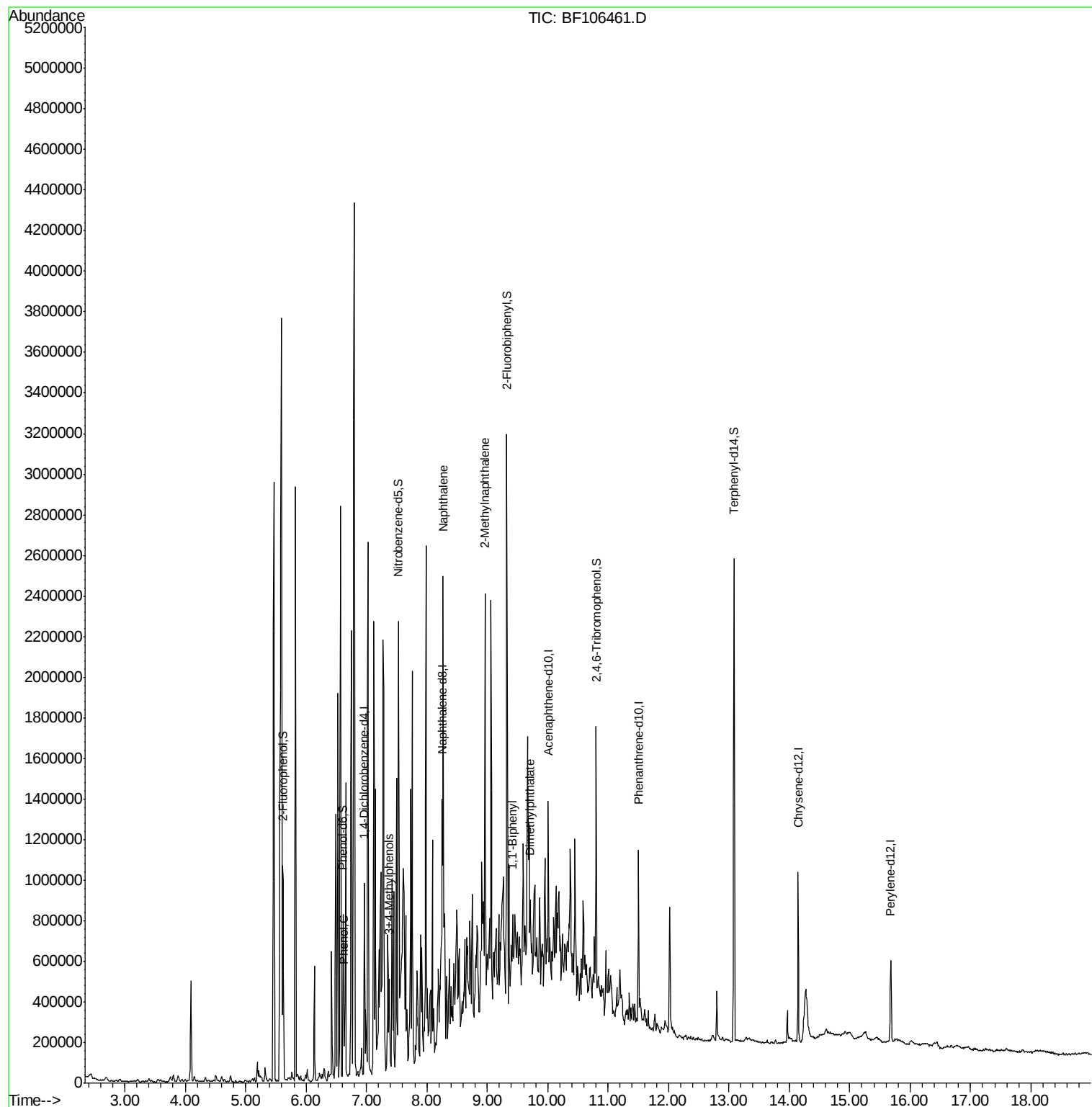
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120094	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	403844	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	161441	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	295034	20.00	ng	0.00
75) Chrysene-d12	14.15	240	285644	20.00	ng	-0.01
86) Perylene-d12	15.68	264	200005	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	335682	47.31	ng	0.00
7) Phenol-d6	6.61	99	253459	28.27	ng	0.00
23) Nitrobenzene-d5	7.53	82	517380	75.37	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	191985	123.59	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	844377	97.05	ng	0.00
78) Terphenyl-d14	13.08	244	873489	75.95	ng	0.00
Target Compounds						
10) Phenol	6.63	94	52406	5.355	ng	99
20) 3+4-Methylphenols	7.38	107	94228	10.823	ng	88
31) Naphthalene	8.28	128	910853	49.894	ng	99
37) 2-Methylnaphthalene	8.97	142	472813	38.025	ng	97
45) 1,1'-Biphenyl	9.42	154	41678	3.333	ng	93
49) Dimethylphthalate	9.72	163	83696	7.256	ng	# 93

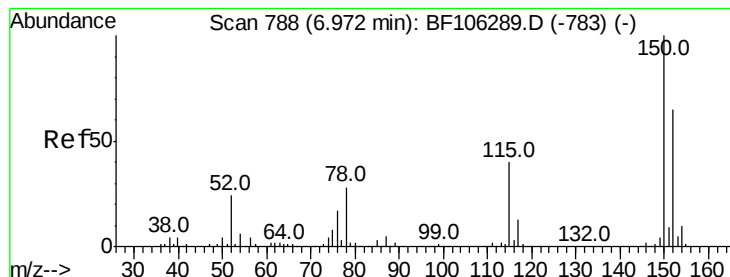
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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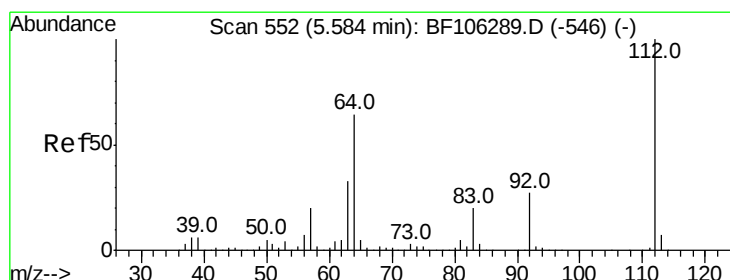
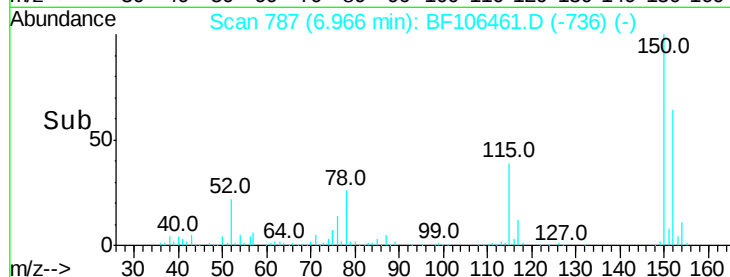
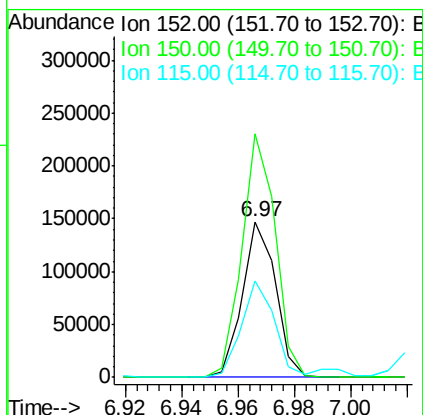
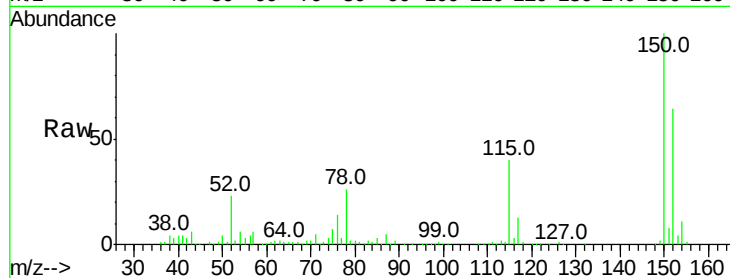


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Instrument :
BNA_F
ClientSampleId :
PR-MW-01-061218

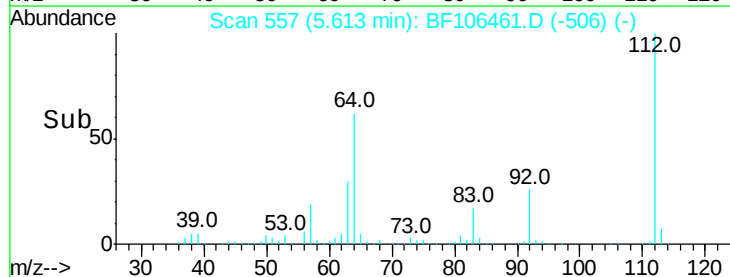
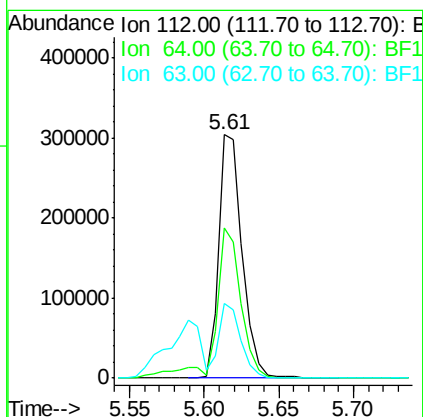
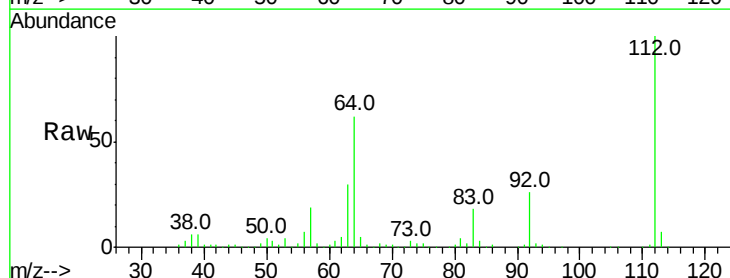
Tot Ion:152 Resp: 120094
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 62.1 50.1 75.1

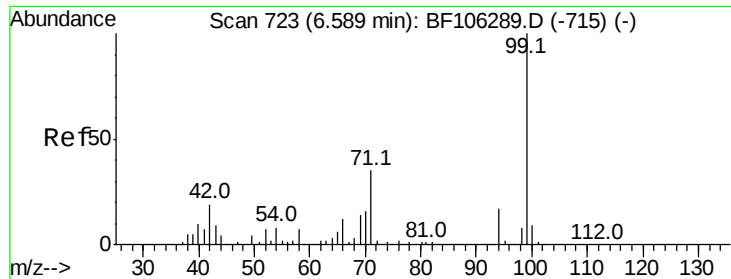


#5

2-Fluorophenol
Concen: 47.308 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Tgt Ion:112 Resp: 335682
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 28.273 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106461.D

Acq: 14 Jun 2018 23:45

Instrument :

BNA_F

ClientSampleId :

PR-MW-01-061218

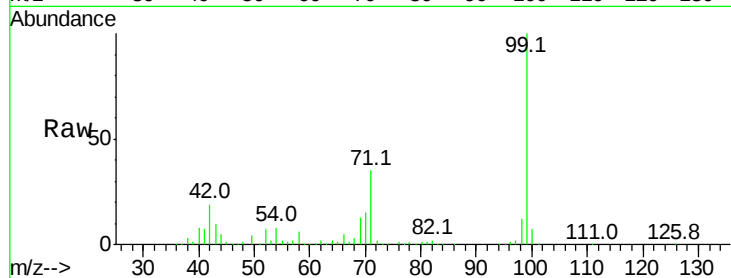
Tot Ion: 99 Resp: 253459

Ion Ratio Lower Upper

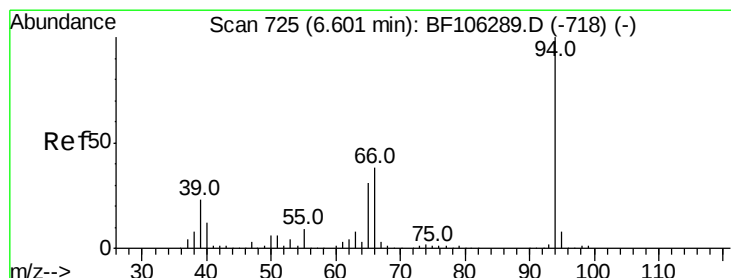
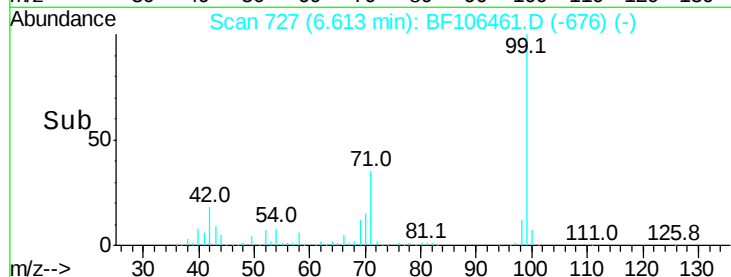
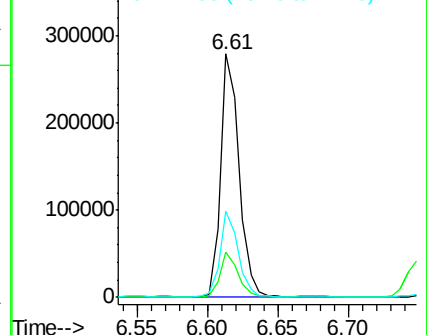
99 100

42 18.6 14.5 21.7

71 35.2 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



#10

Phenol

Concen: 5.355 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF106461.D

Acq: 14 Jun 2018 23:45

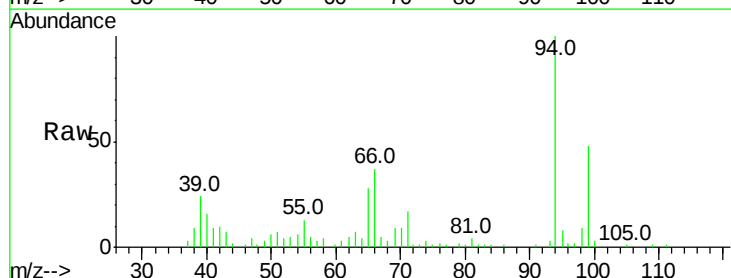
Tgt Ion: 94 Resp: 52406

Ion Ratio Lower Upper

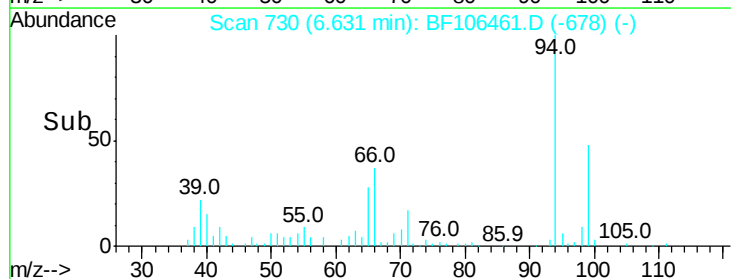
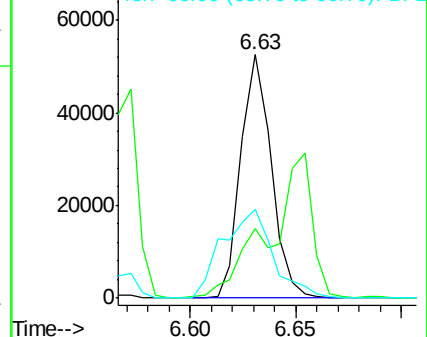
94 100

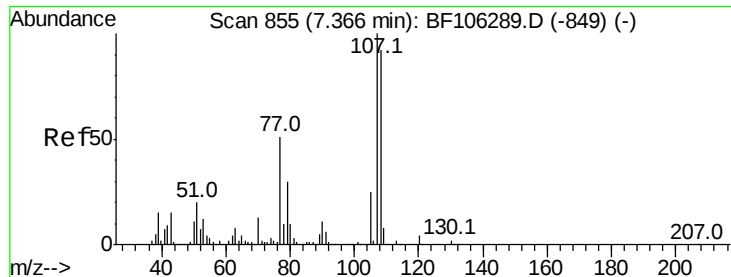
65 28.4 7.9 47.9

66 36.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#20

3+4-Methylphenols

Concen: 10.823 ng

RT: 7.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF106461.D

Acq: 14 Jun 2018 23:45

Instrument :

BNA_F

ClientSampleId :

PR-MW-01-061218

Tot Ion:107 Resp: 94228

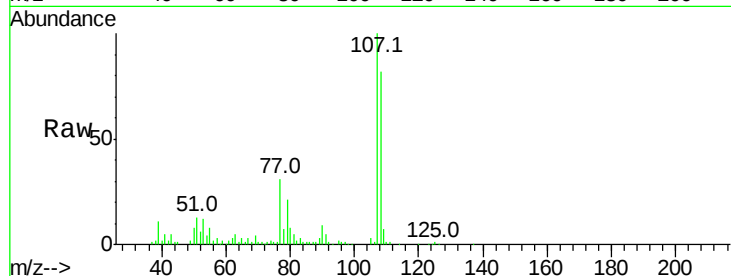
Ion Ratio Lower Upper

107 100

108 82.5 68.2 108.2

77 31.5 26.7 66.7

79 20.9 6.3 46.3

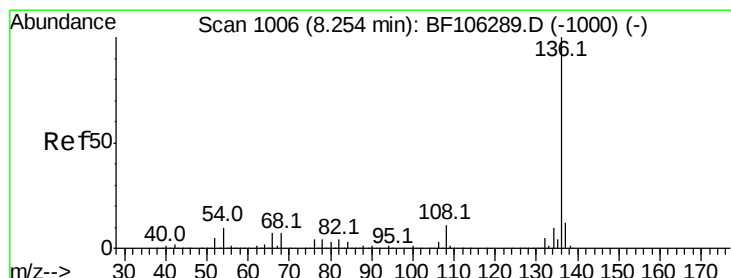
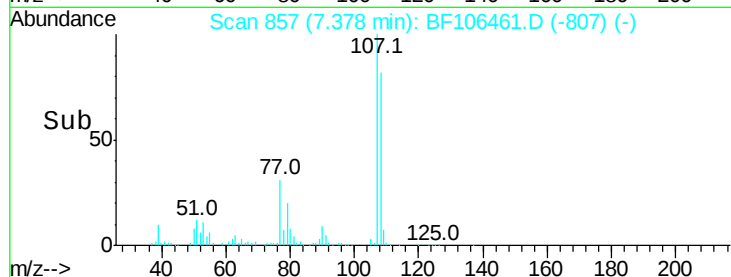
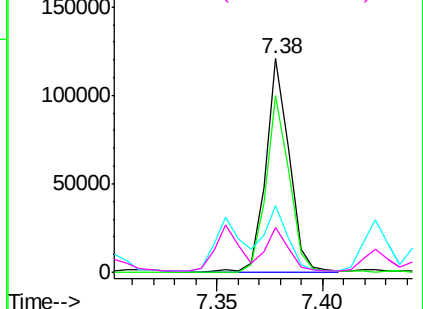


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106461.D

Acq: 14 Jun 2018 23:45

Tgt Ion:136 Resp: 403844

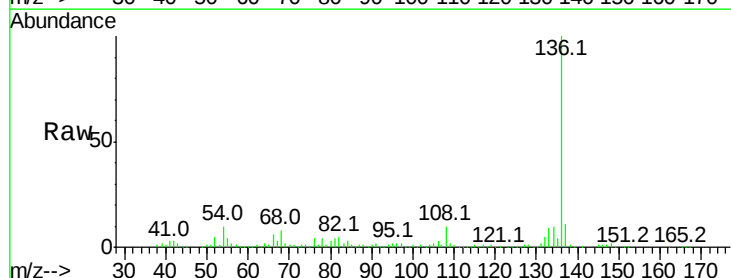
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.7 6.6 9.8

68 7.7 5.0 7.4#

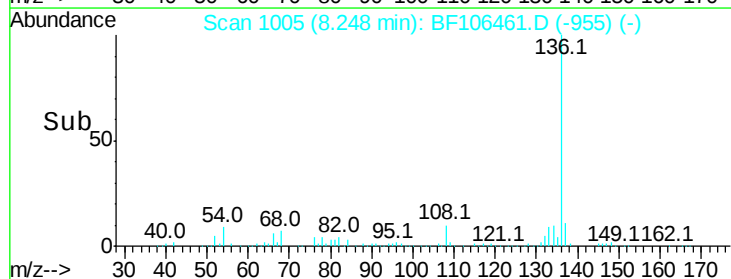
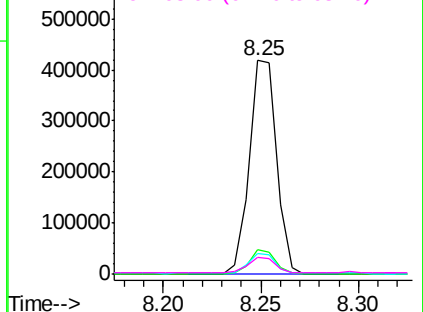


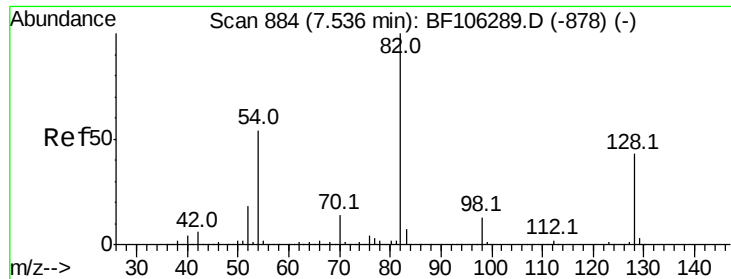
Abundance Ion 136.00 (135.70 to 136.70): E

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

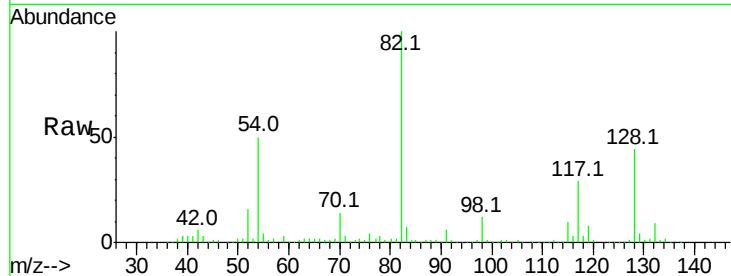




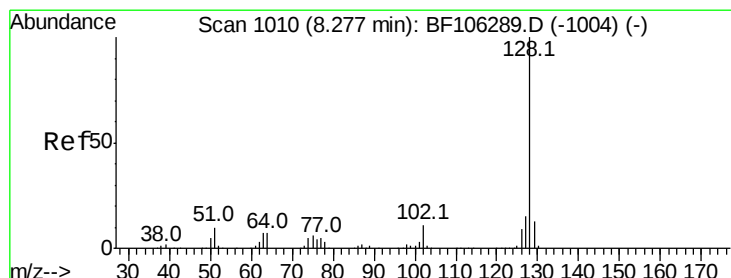
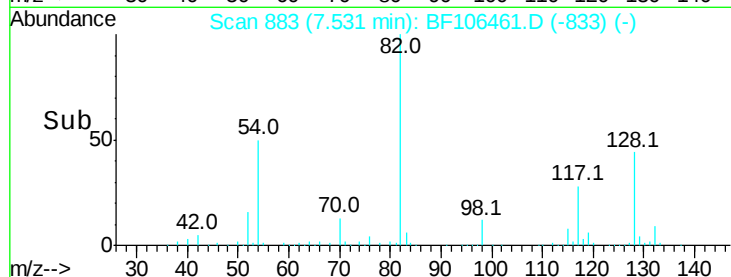
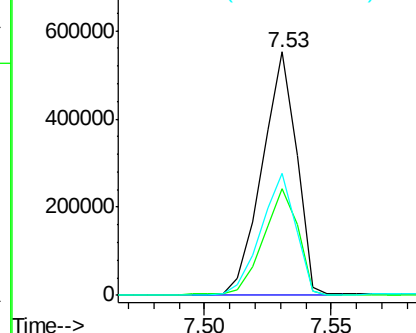
#23
 Nitrobenzene-d5
 Concen: 75.367 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF106461.D
 Acq: 14 Jun 2018 23:45

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-01-061218

Tot Ion: 82 Resp: 517380
 Ion Ratio Lower Upper
 82 100
 128 43.6 36.1 54.1
 54 50.1 41.4 62.2

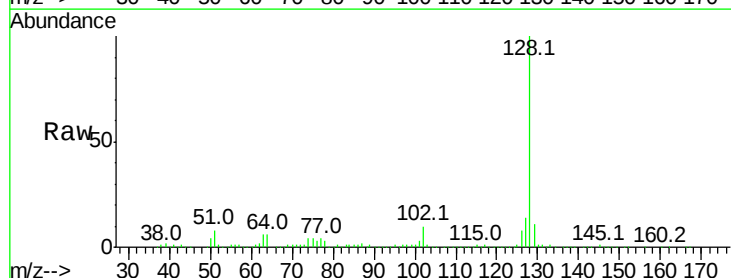


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

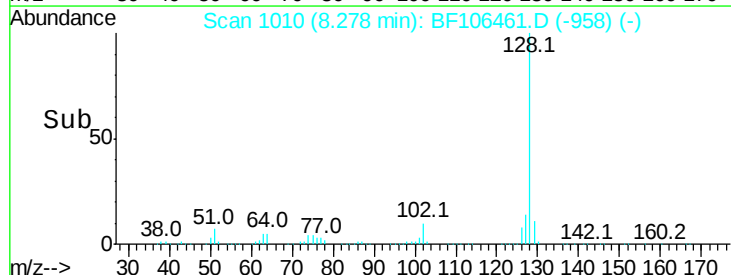
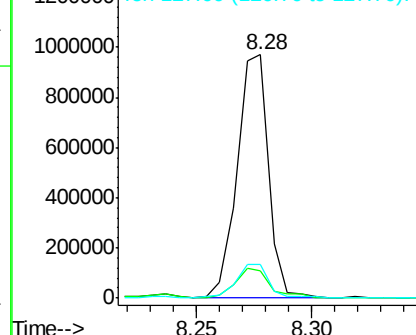


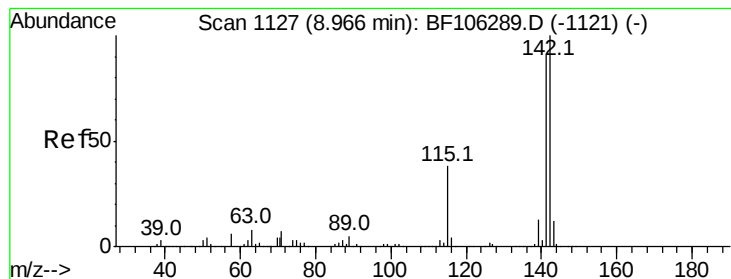
#31
 Naphthalene
 Concen: 49.894 ng
 RT: 8.28 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF106461.D
 Acq: 14 Jun 2018 23:45

Tgt Ion:128 Resp: 910853
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.8 13.2
 127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): B
 Ion 129.00 (128.70 to 129.70): B
 Ion 127.00 (126.70 to 127.70): B

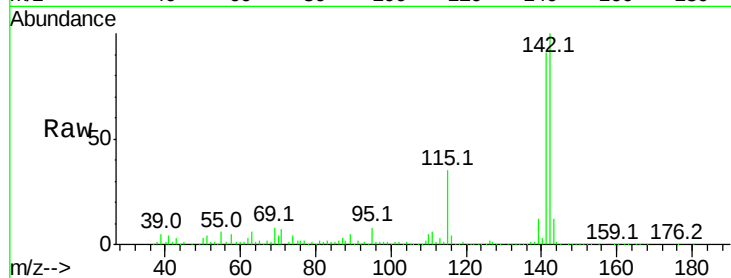




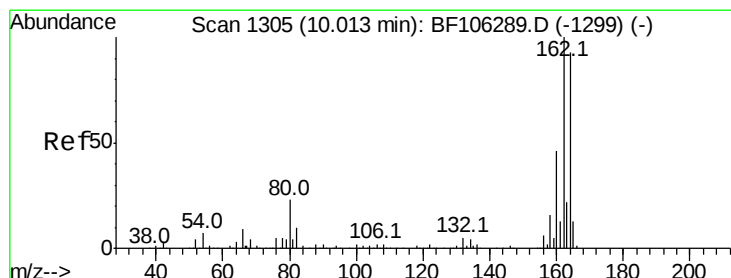
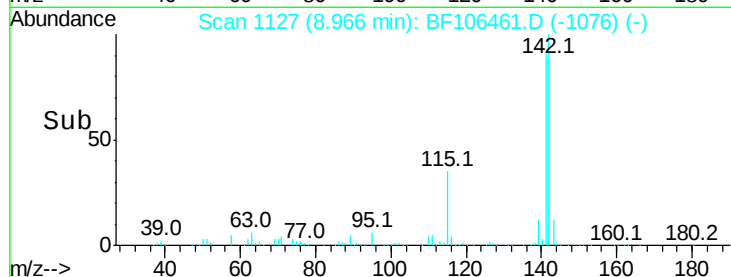
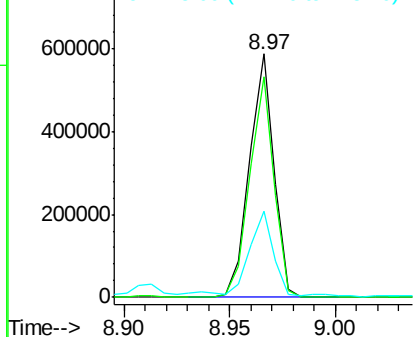
#37
2-Methylnaphthalene
Concen: 38.025 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Instrument :
BNA_F
ClientSampleId :
PR-MW-01-061218

Tot Ion:142 Resp: 472813
Ion Ratio Lower Upper
142 100
141 90.7 70.8 106.2
115 35.3 26.1 39.1

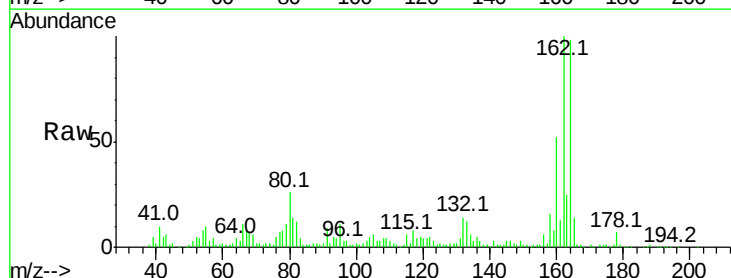


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

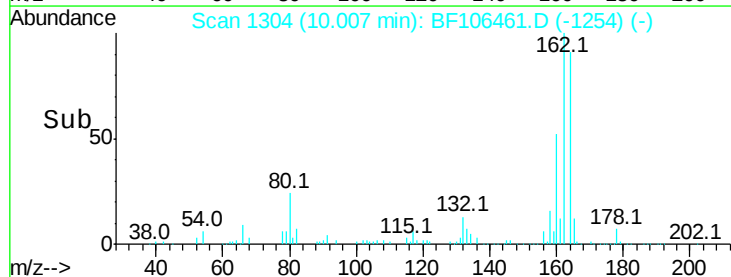
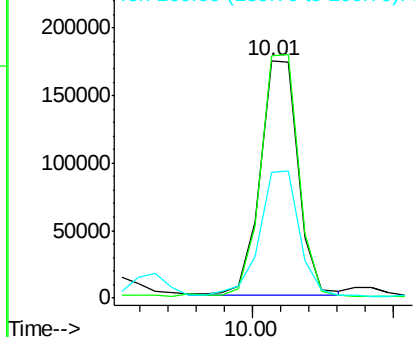


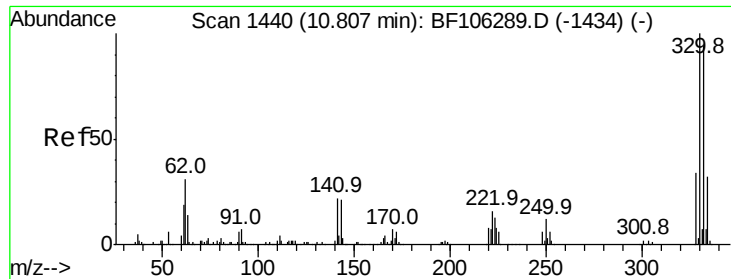
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Tgt Ion:164 Resp: 161441
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 53.0 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

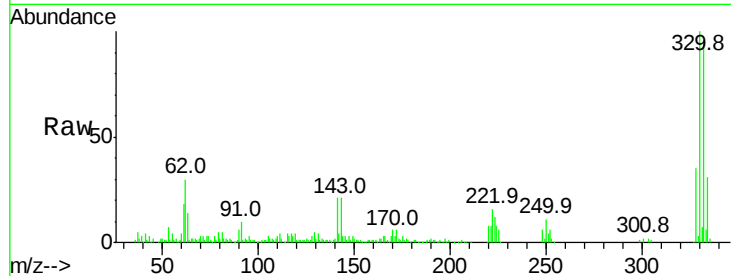




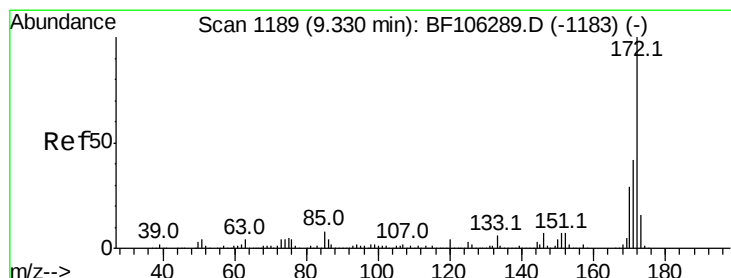
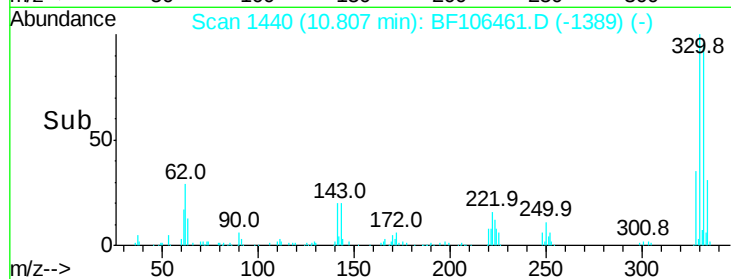
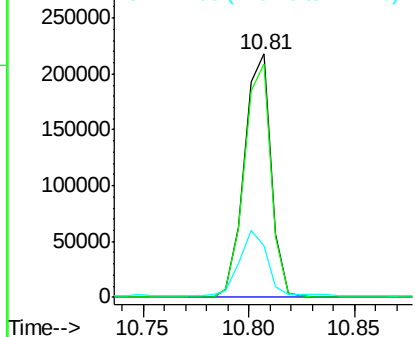
#41
 2,4,6-Tribromophenol
 Concen: 123.595 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106461.D
 Acq: 14 Jun 2018 23:45

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-01-061218

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	27.6	29.9	44.9#

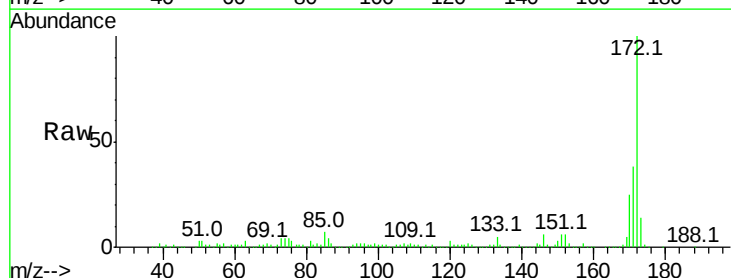


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

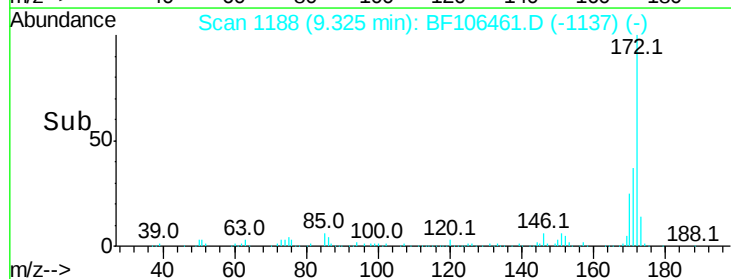
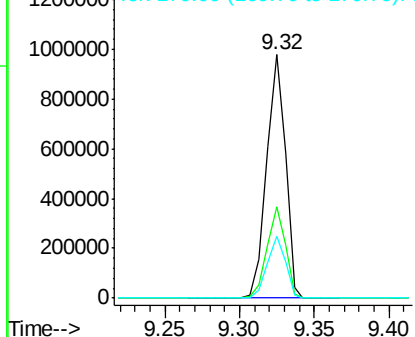


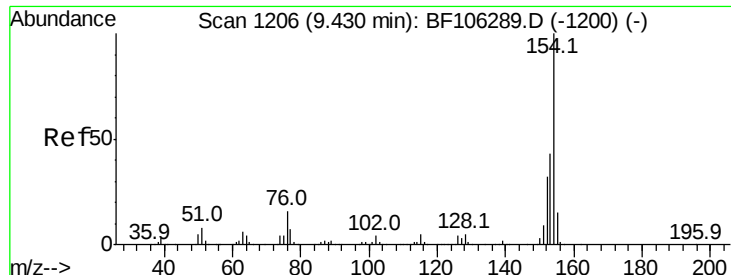
#44
 2-Fluorobiphenyl
 Concen: 97.054 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106461.D
 Acq: 14 Jun 2018 23:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.4	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





#45

1,1'-Biphenyl

Concen: 3.333 ng

RT: 9.42 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF106461.D

Acq: 14 Jun 2018 23:45

Instrument :

BNA_F

ClientSampleId :

PR-MW-01-061218

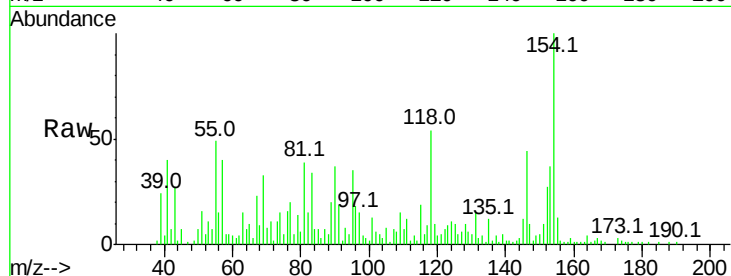
Tot Ion:154 Resp: 41678

Ion Ratio Lower Upper

154 100

153 37.0 21.3 61.3

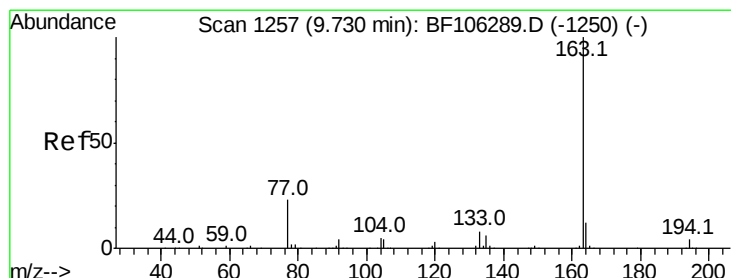
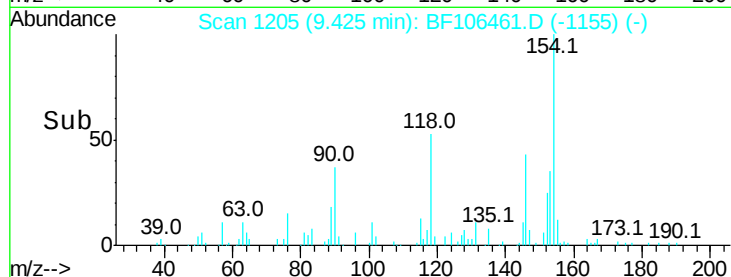
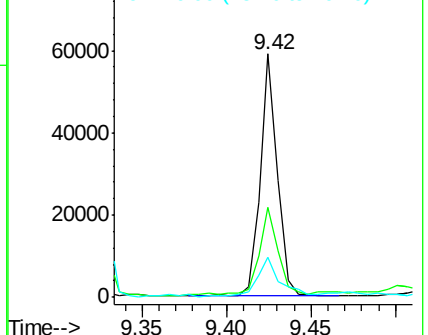
76 16.4 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#49

Dimethylphthalate

Concen: 7.256 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106461.D

Acq: 14 Jun 2018 23:45

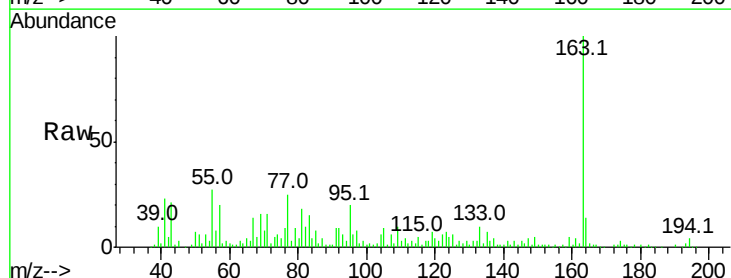
Tgt Ion:163 Resp: 83696

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

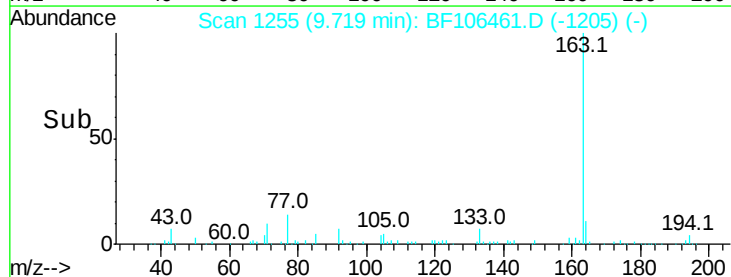
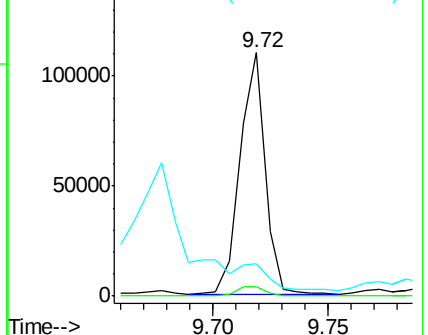
164 13.6 8.2 12.2#

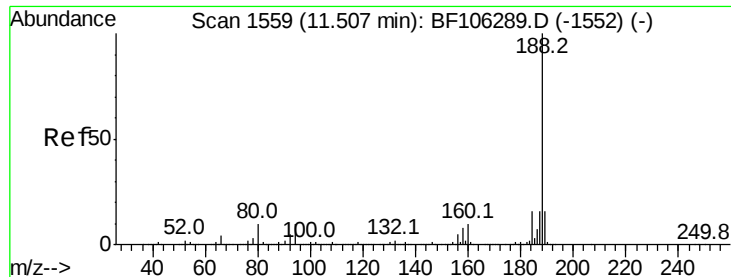


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

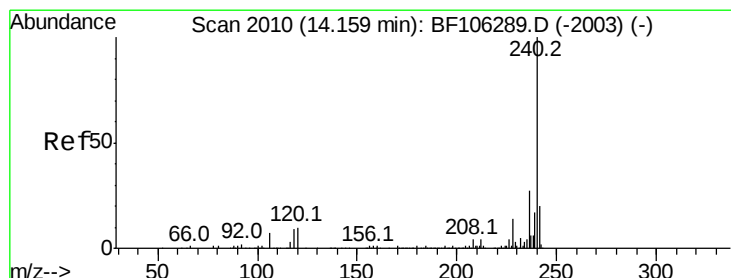
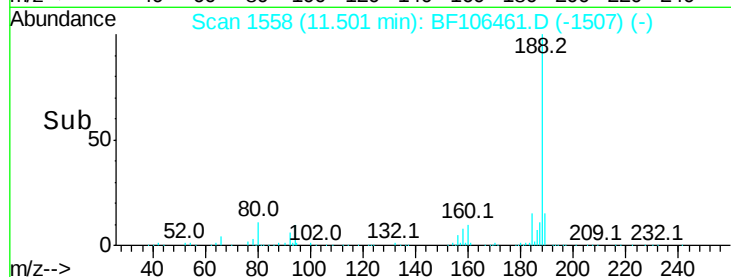
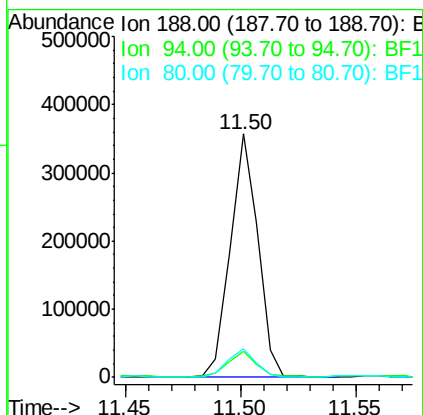
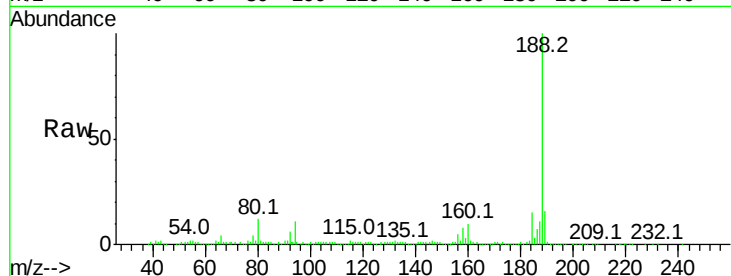




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

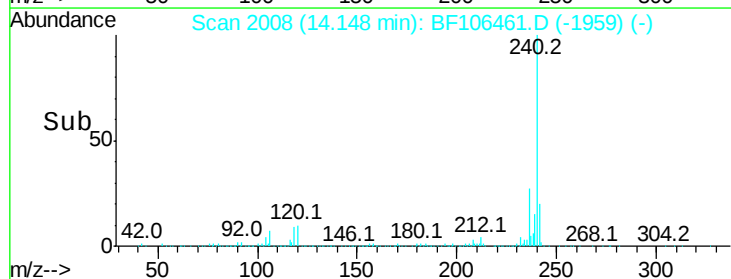
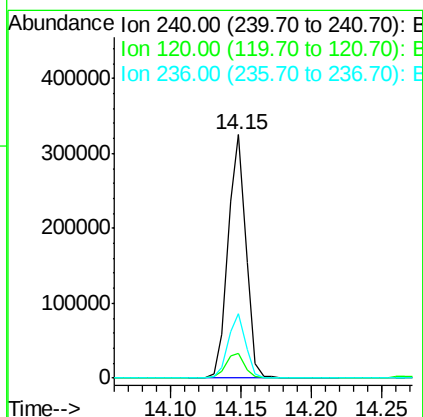
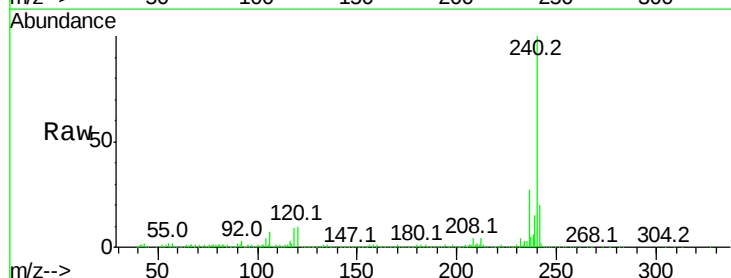
Instrument :
BNA_F
ClientSampleId :
PR-MW-01-061218

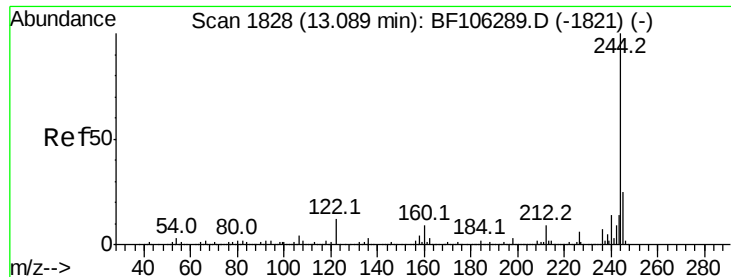
Tot Ion:188 Resp: 295034
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106461.D
Acq: 14 Jun 2018 23:45

Tgt Ion:240 Resp: 285644
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 75.953 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106461.D

Acq: 14 Jun 2018 23:45

Instrument :

BNA_F

ClientSampleId :

PR-MW-01-061218

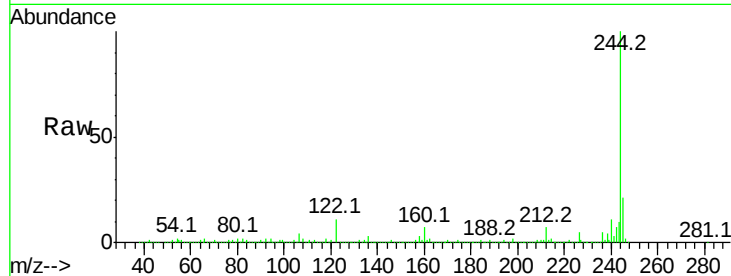
Tot Ion:244 Resp: 873489

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

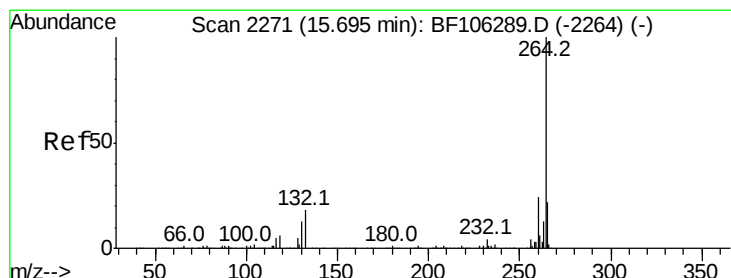
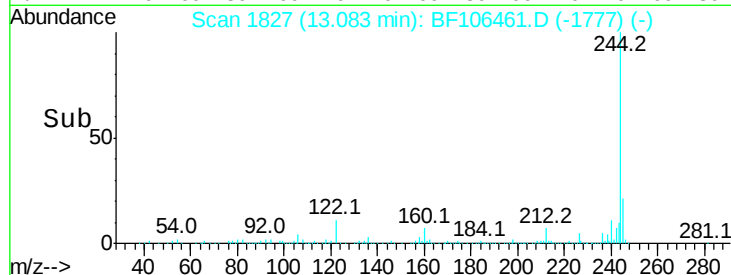
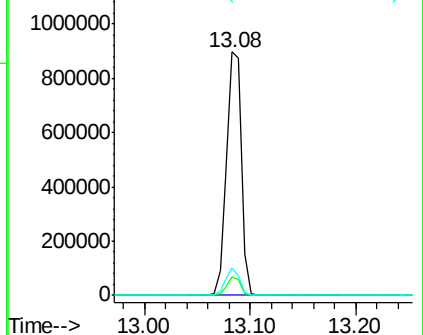
122 11.1 11.0 16.4



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. -0.02 min

Lab File: BF106461.D

Acq: 14 Jun 2018 23:45

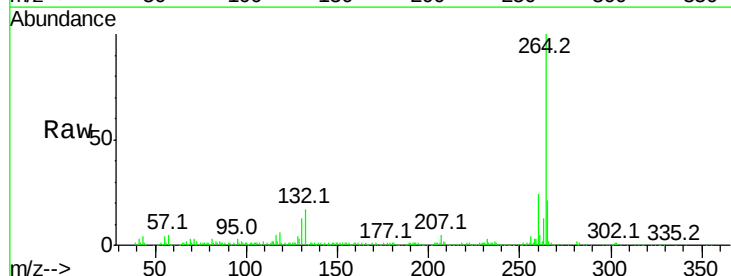
Tgt Ion:264 Resp: 200005

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.1 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

