

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106357.D
 Acq On : 12 Jun 2018 20:57
 Operator : JU/SJ
 Sample : J3423-04 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-04-05-06-1-2

Quant Time: Jun 13 03:28:51 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	133564	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	458515	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	195277	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	411147	20.00	ng	0.00
75) Chrysene-d12	14.15	240	416756	20.00	ng	0.00
86) Perylene-d12	15.69	264	301469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	171871	21.78	ng	0.00
7) Phenol-d6	6.58	99	200224	20.08	ng	0.00
23) Nitrobenzene-d5	7.53	82	116938	15.00	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	41091	21.87	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	198514	8.39	ng	0.00
78) Terphenyl-d14	13.08	244	270237	16.11	ng	0.00

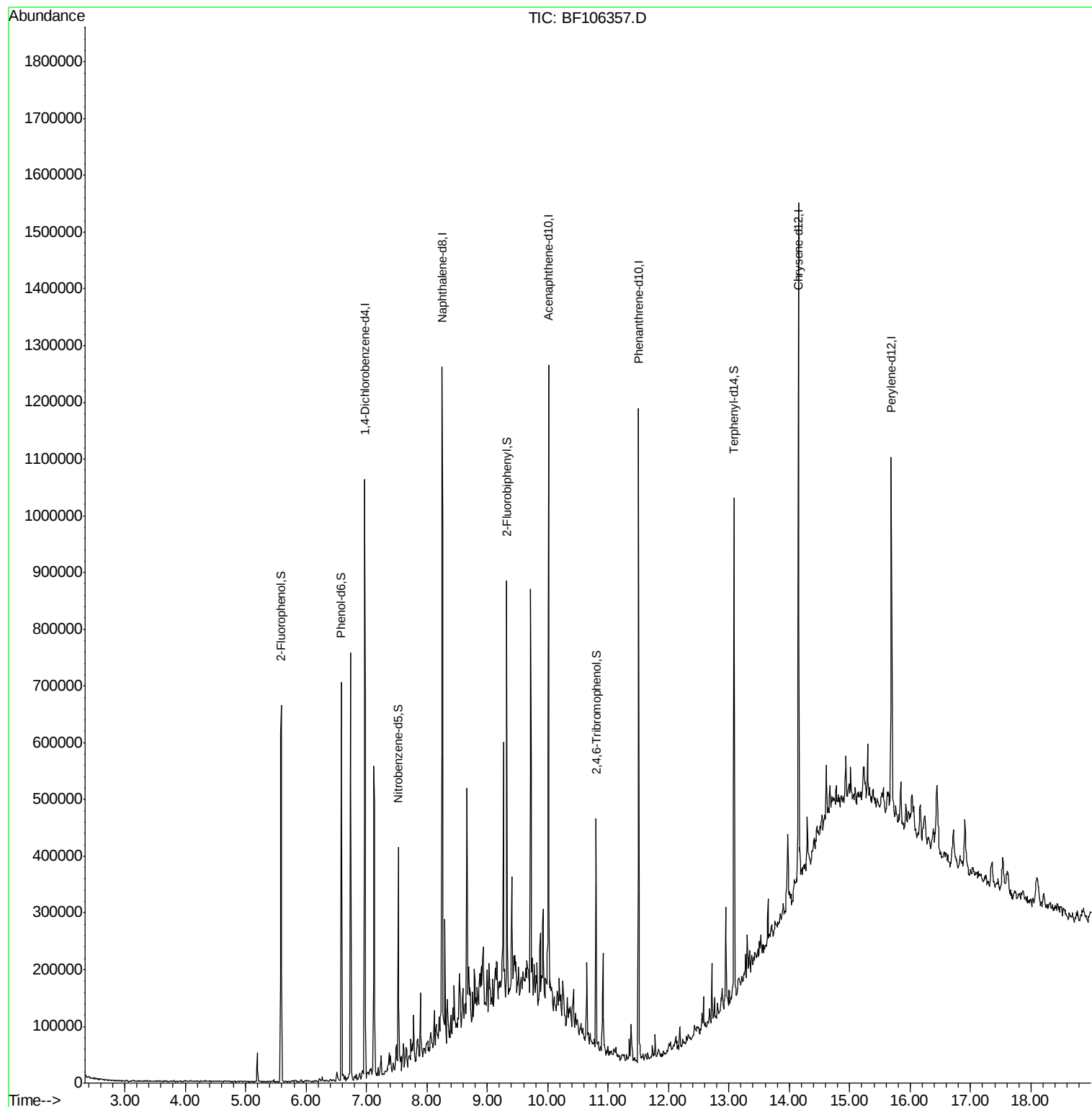
Target Compounds Qvalue

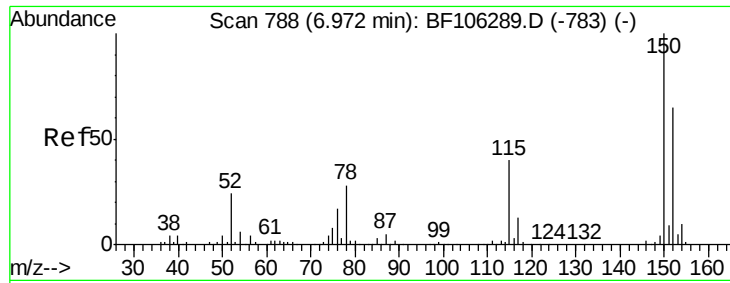
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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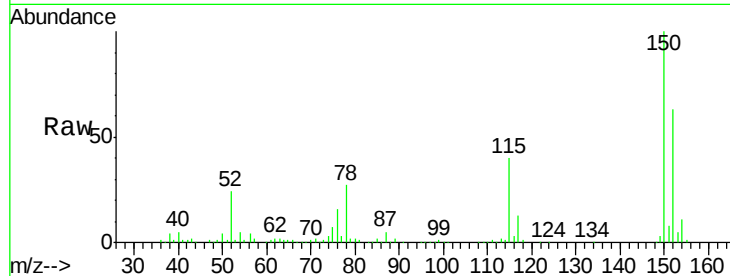


#1

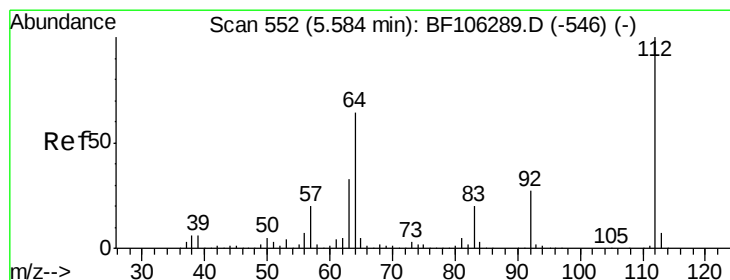
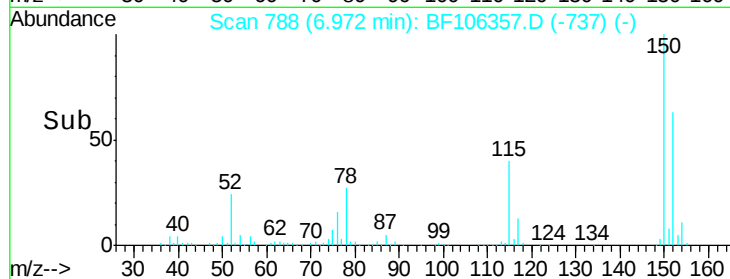
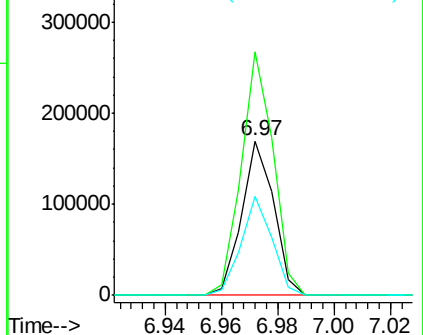
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106357.D
Acq: 12 Jun 2018 20:57

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-04-05-06-1-2

Tot Ion:152 Resp: 133564
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 63.9 50.1 75.1



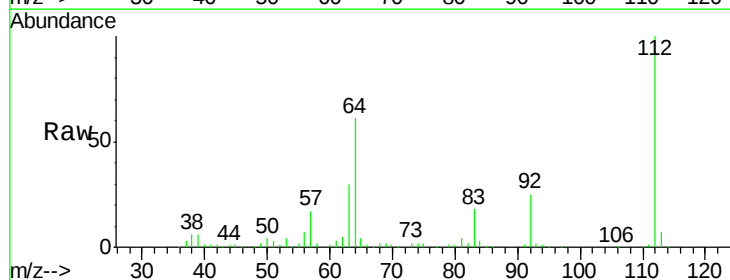
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



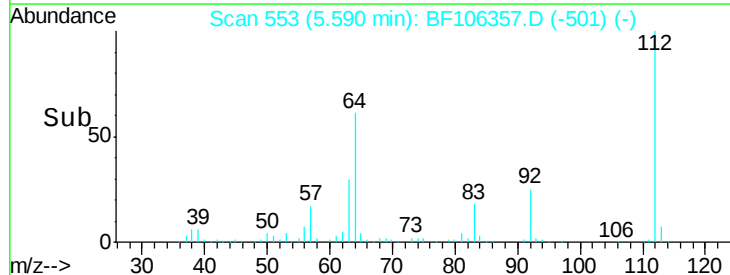
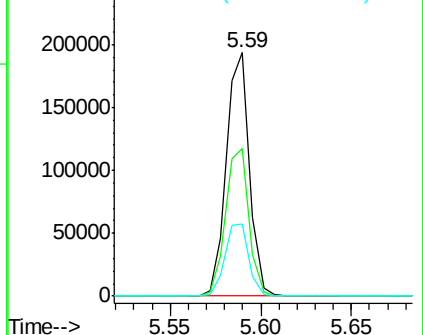
#5

2-Fluorophenol
Concen: 21.779 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106357.D
Acq: 12 Jun 2018 20:57

Tgt Ion:112 Resp: 171871
Ion Ratio Lower Upper
112 100
64 60.9 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: 20.082 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106357.D

Acq: 12 Jun 2018 20:57

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-04-05-06-1-2

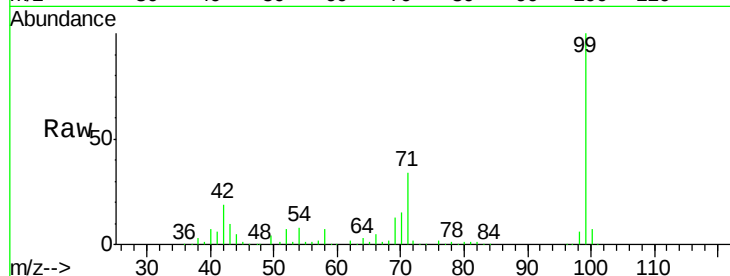
Tot Ion: 99 Resp: 200224

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

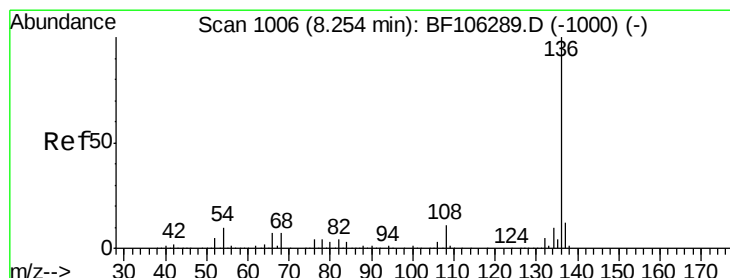
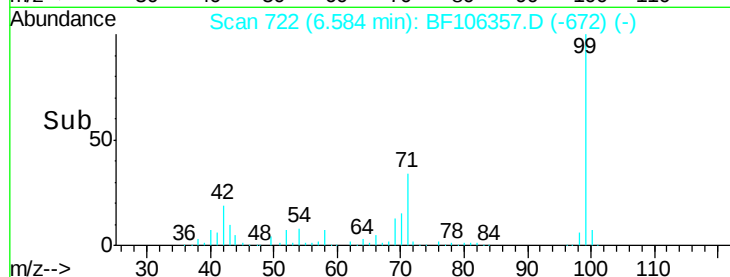
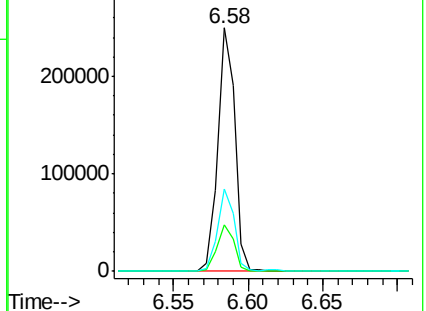
71 33.7 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106357.D

Acq: 12 Jun 2018 20:57

Tgt Ion: 136 Resp: 458515

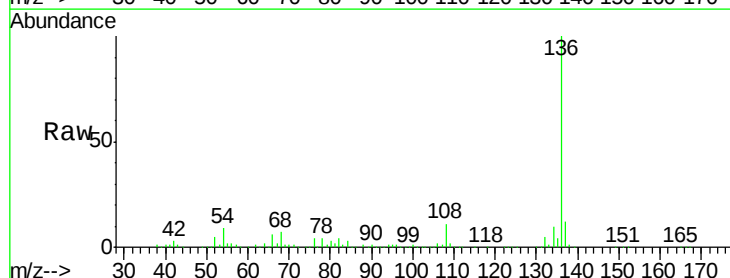
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.2 6.6 9.8

68 7.1 5.0 7.4

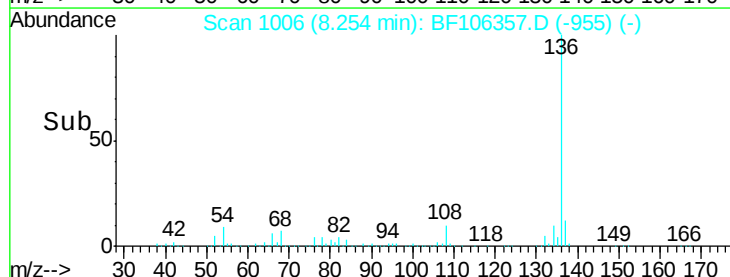
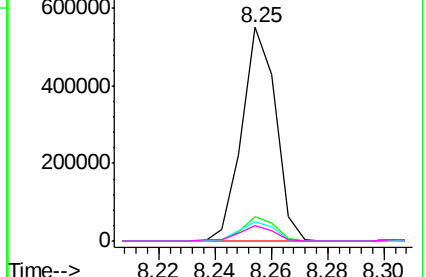


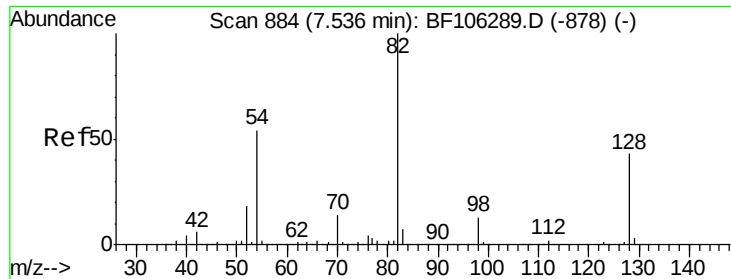
Abundance Ion 136.00 (135.70 to 136.70): E

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

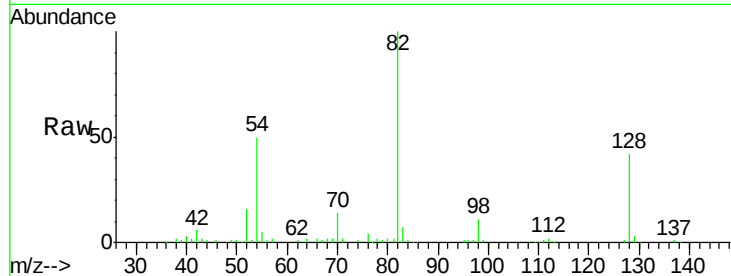




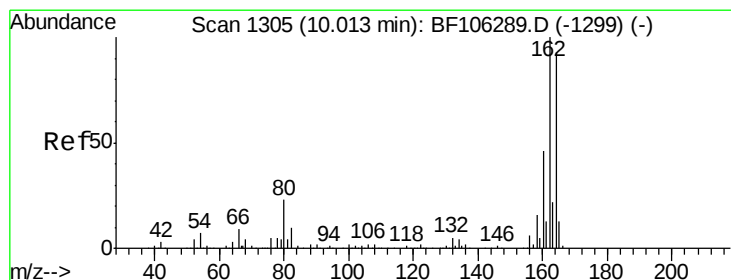
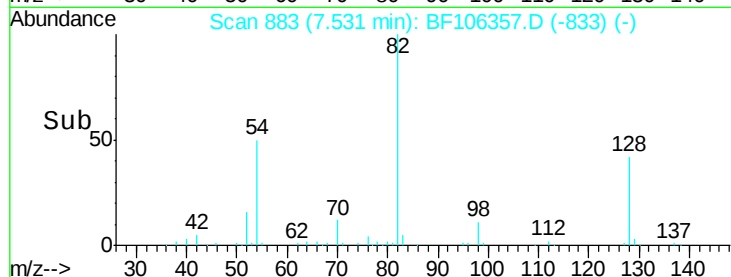
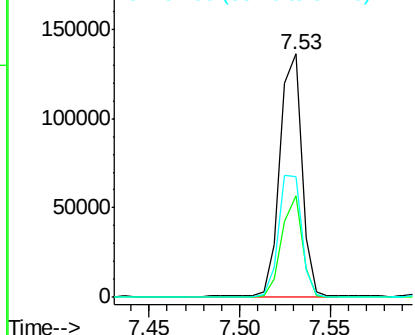
#23
Nitrobenzene-d5
Concen: 15.003 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106357.D
Acq: 12 Jun 2018 20:57

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-04-05-06-1-2

Tot Ion: 82 Resp: 116938
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 49.8 41.4 62.2

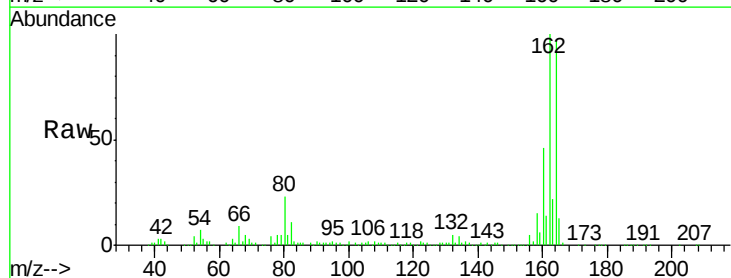


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

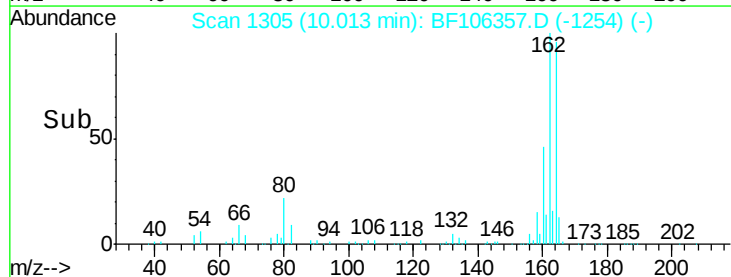
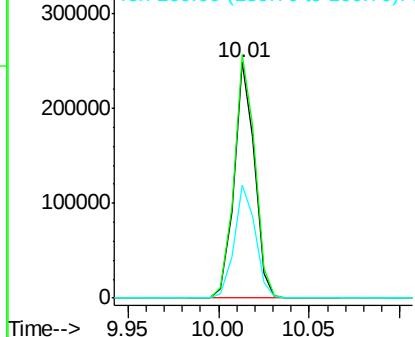


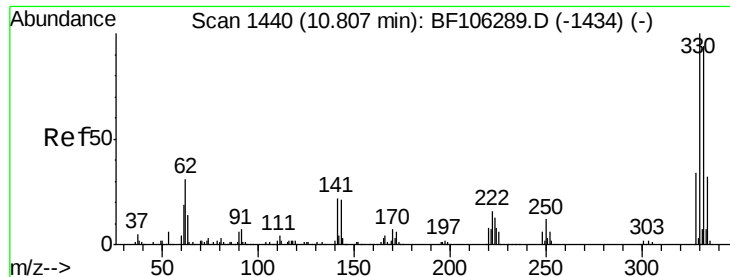
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106357.D
Acq: 12 Jun 2018 20:57

Tgt Ion: 164 Resp: 195277
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 47.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

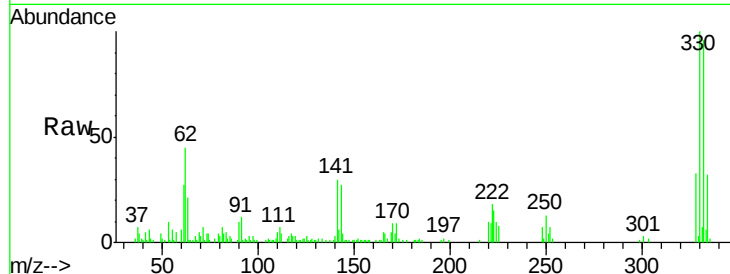




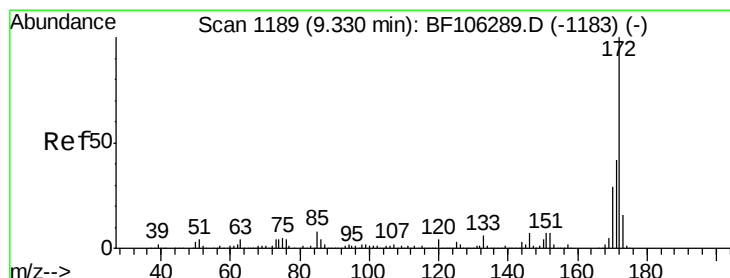
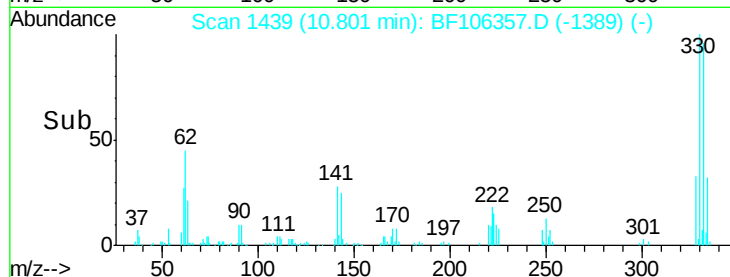
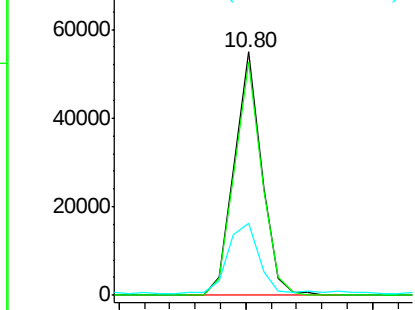
#41
 2,4,6-Tribromophenol
 Concen: 21.870 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106357.D
 Acq: 12 Jun 2018 20:57

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-04-05-06-1-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	35.6	29.9	44.9

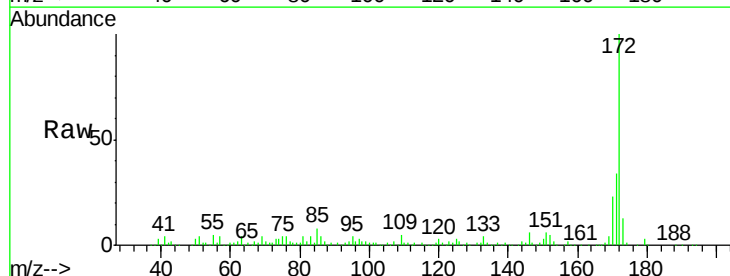


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

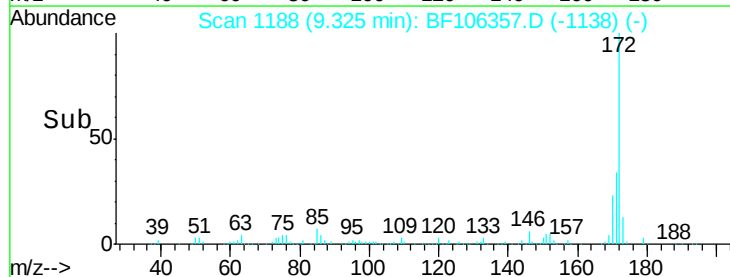
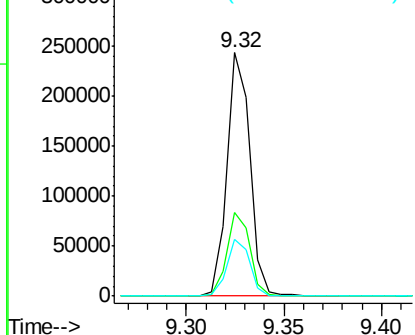


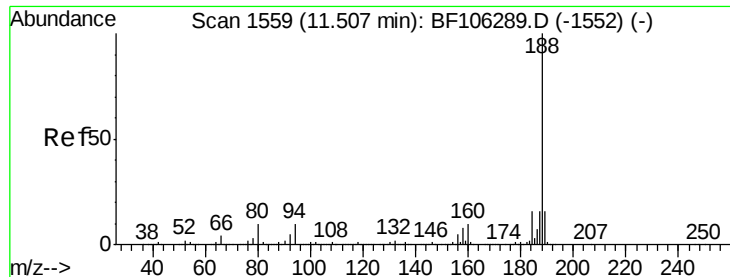
#44
 2-Fluorobiphenyl
 Concen: 8.386 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106357.D
 Acq: 12 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	23.4	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF106357.D

Acq: 12 Jun 2018 20:57

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-04-05-06-1-2

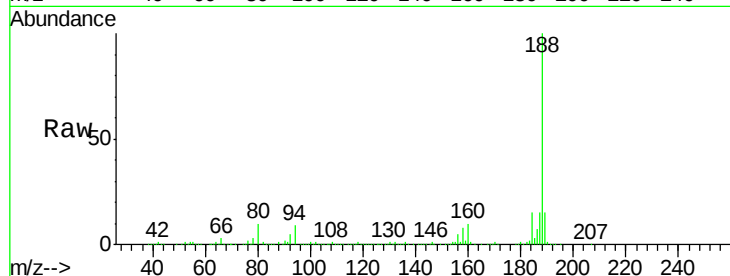
Tot Ion:188 Resp: 411147

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

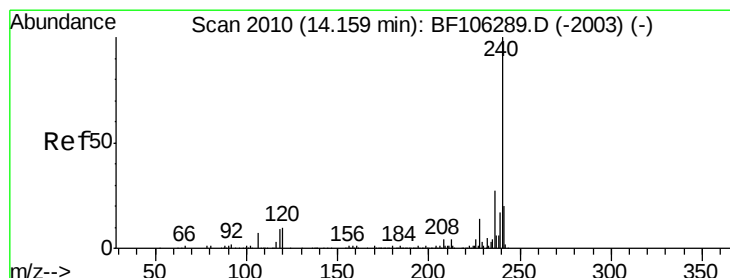
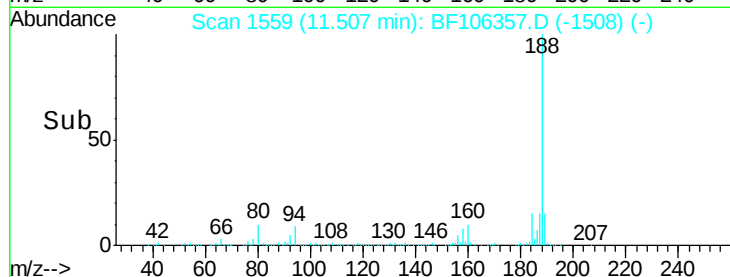
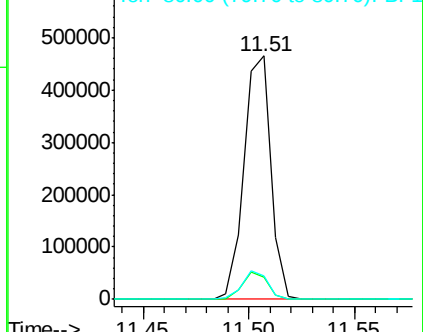
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106357.D

Acq: 12 Jun 2018 20:57

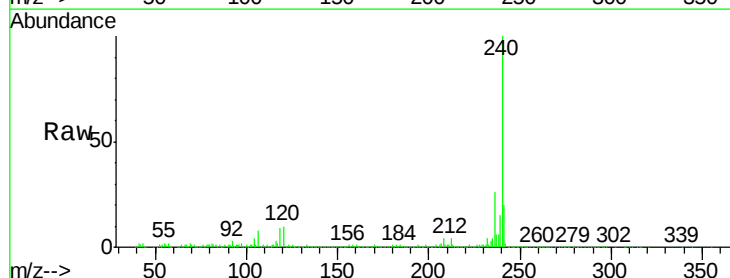
Tgt Ion:240 Resp: 416756

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

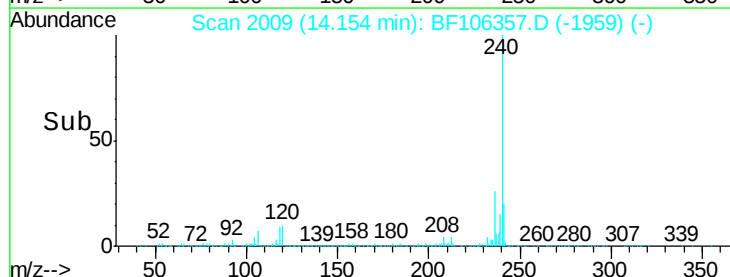
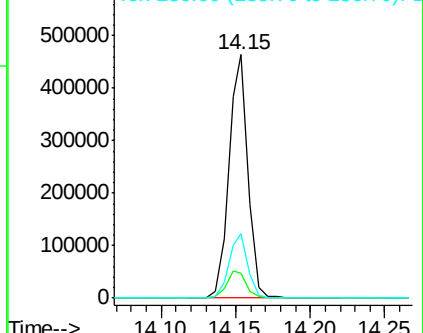
236 26.3 20.7 31.1

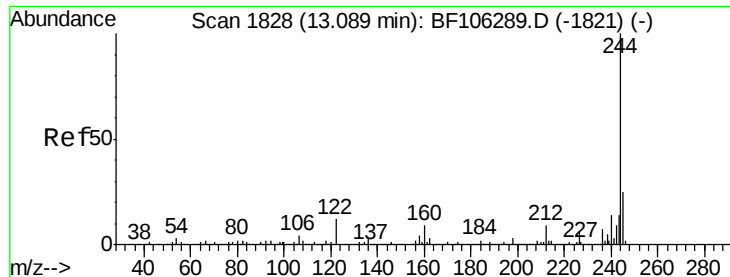


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 16.106 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106357.D

Acq: 12 Jun 2018 20:57

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-04-05-06-1-2

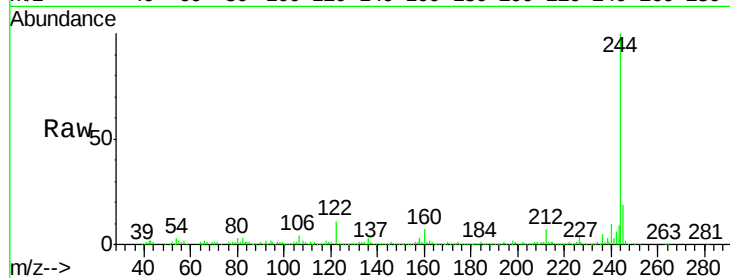
Tot Ion:244 Resp: 270237

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

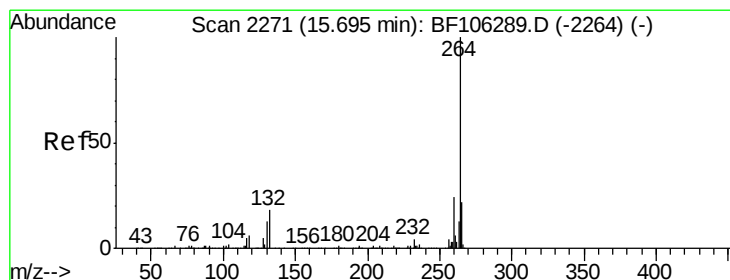
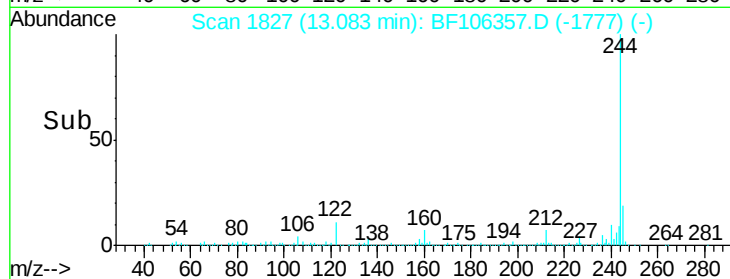
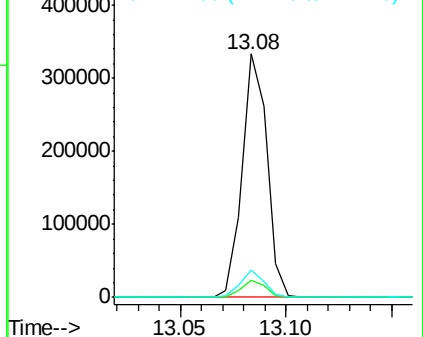
122 11.3 11.0 16.4



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: BF106357.D

Acq: 12 Jun 2018 20:57

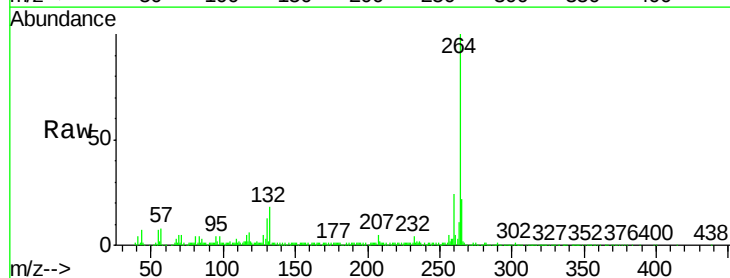
Tgt Ion:264 Resp: 301469

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.1 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

