

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 :

Quant Time: Jun 13 01:10:40 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

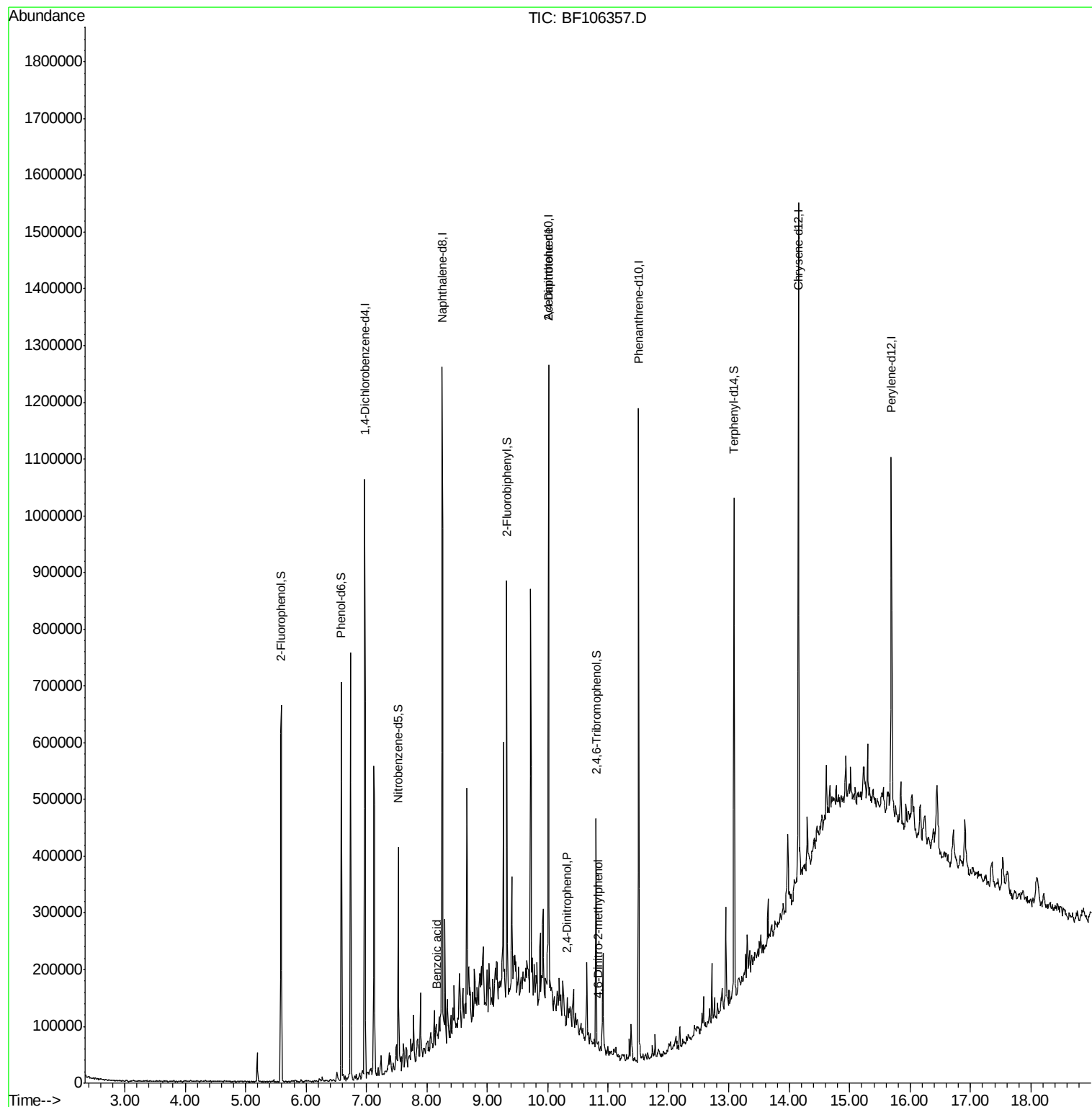
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	133564	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	458515	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	195277	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	411147	20.00	ng	0.00
75) Chrysene-d12	14.15	240	416756	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						
32) Benzoic acid	8.17	122	572	7.391	ng	90
53) 2,4-Dinitrophenol	10.33	184	261	8.792	ng	88
56) 2,4-Dinitrotoluene	10.01	165	25410	7.100	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.82	198	872	6.636	ng	# 64

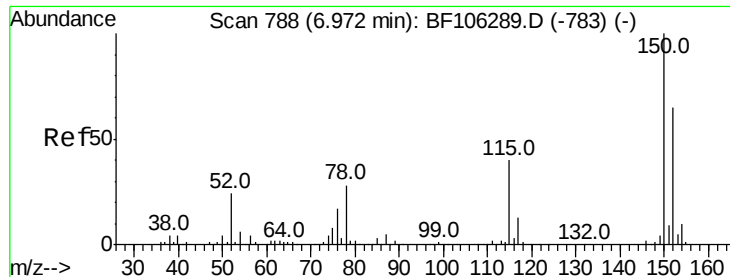
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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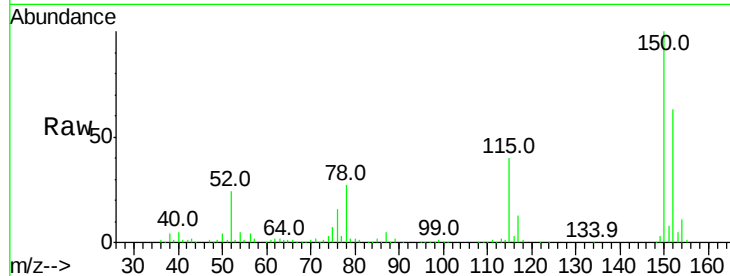


#1

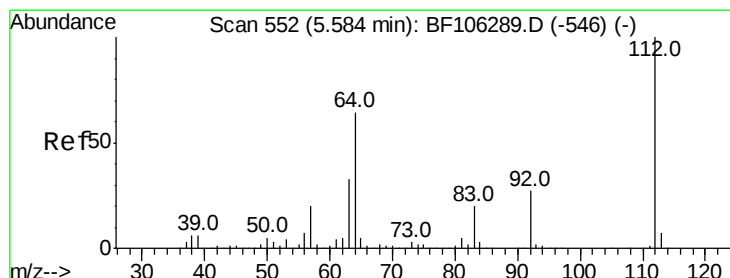
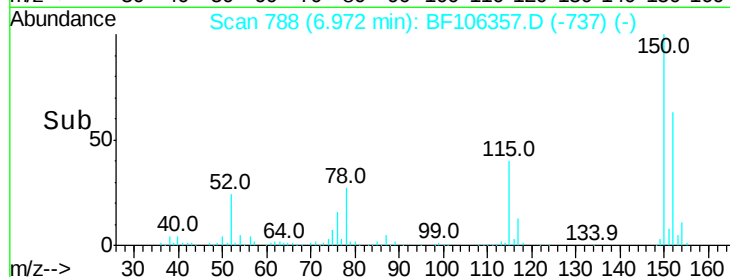
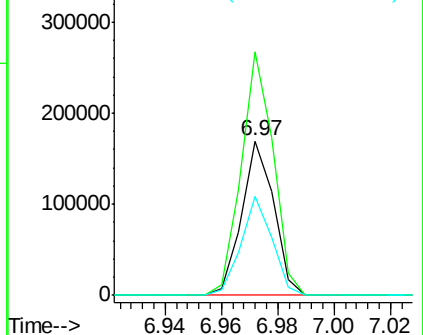
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106357.D
Acq: 12 Jun 2018 20:57

Instrument :
BNA_F
ClientSampleId :

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



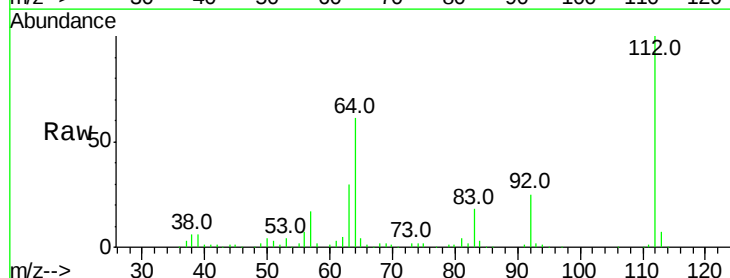
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



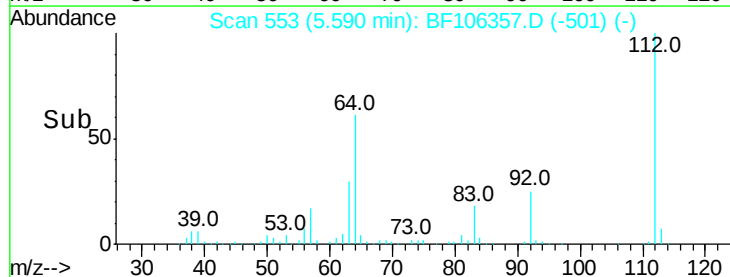
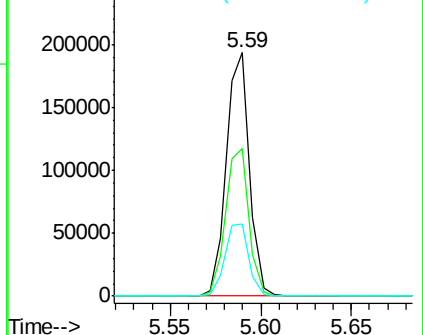
#5

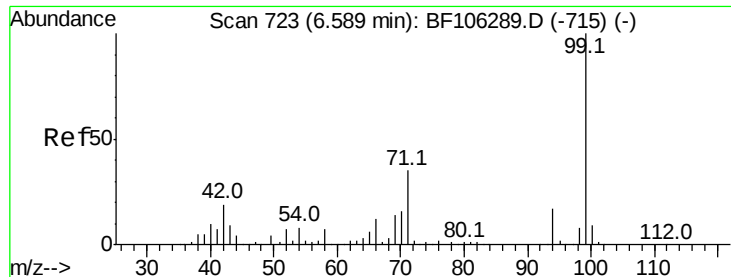
2-Fluorophenol
Concen: 21.779 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106357.D
Acq: 12 Jun 2018 20:57

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 :

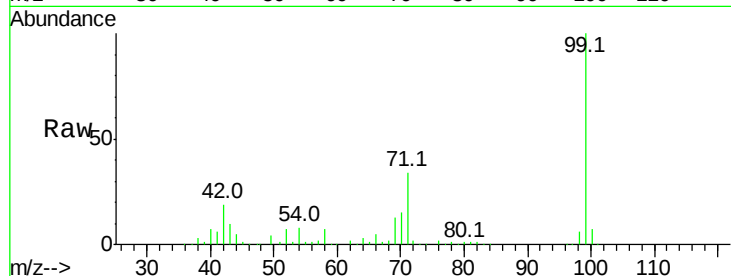
Tot Ion: 99 Resp: 200224

Ion Ratio Lower Upper

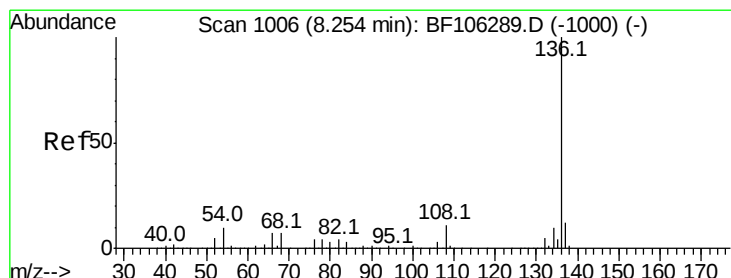
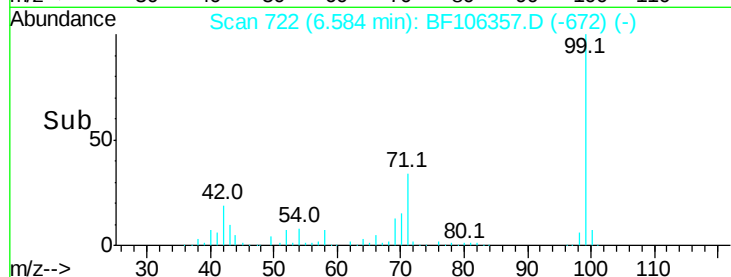
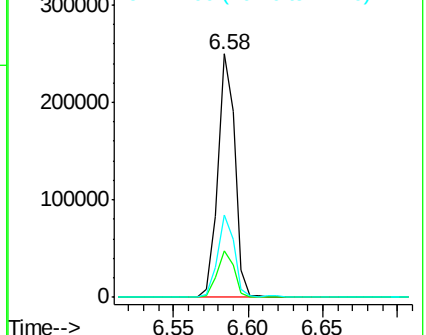
99 100

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

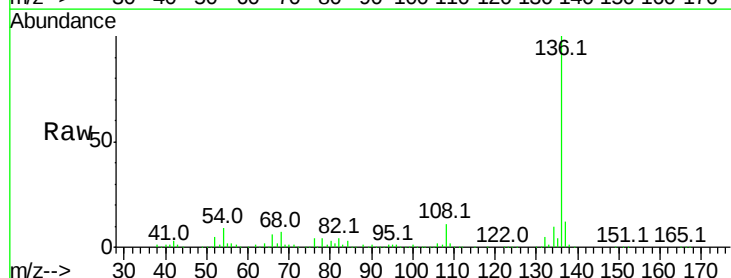
Ion Ratio Lower Upper

136 100

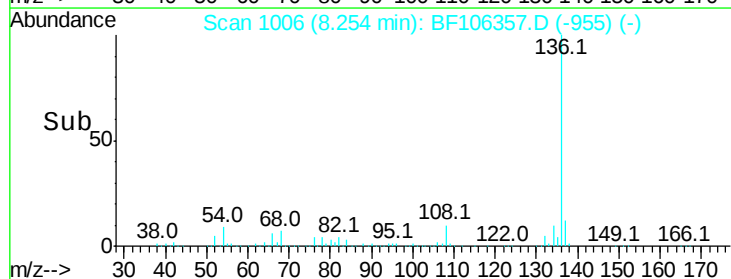
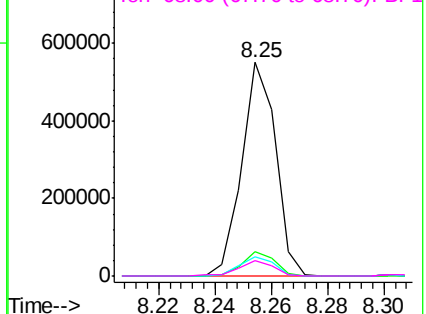
137 11.6 8.9 13.3

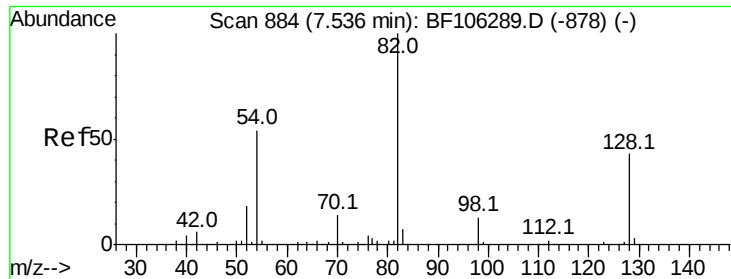
54 9.2 6.6 9.8

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

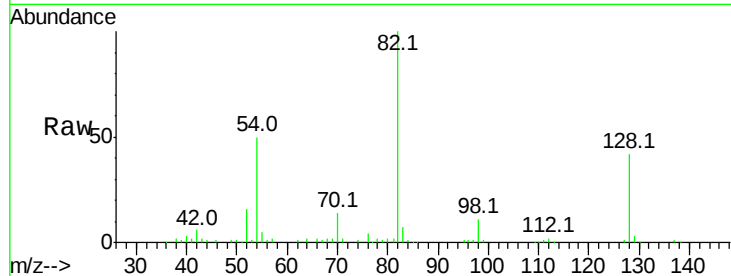




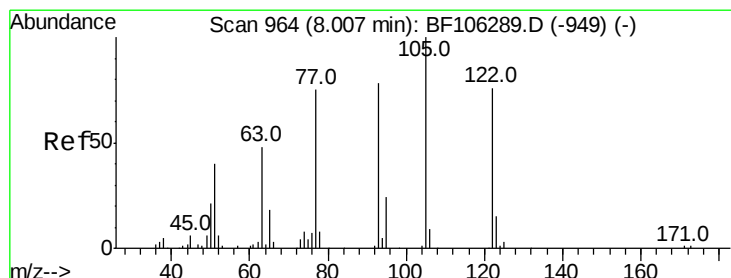
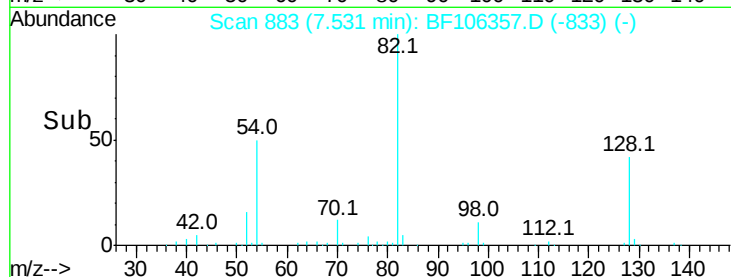
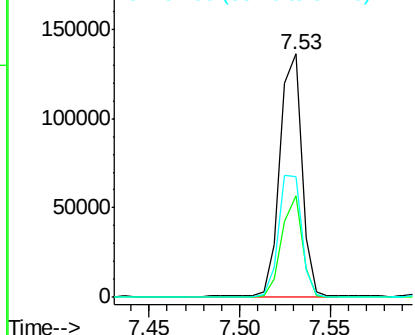
#23
Nitrobenzene-d5
Concen: 15.003 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106357.D
Acq: 12 Jun 2018 20:57

Instrument :
BNA_F
ClientSampleId :

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

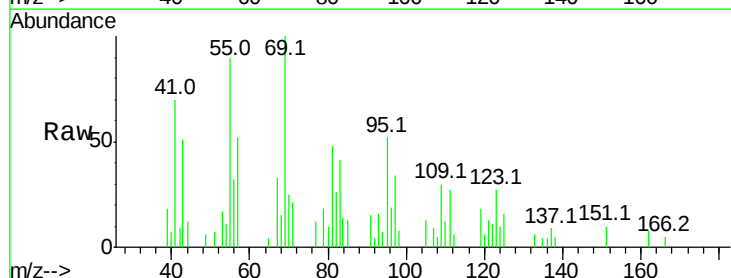


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

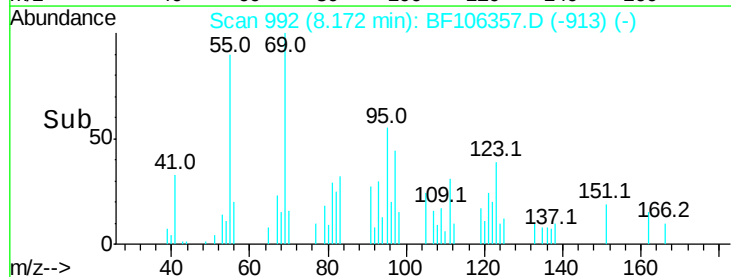
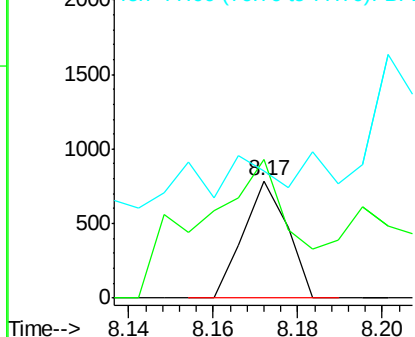


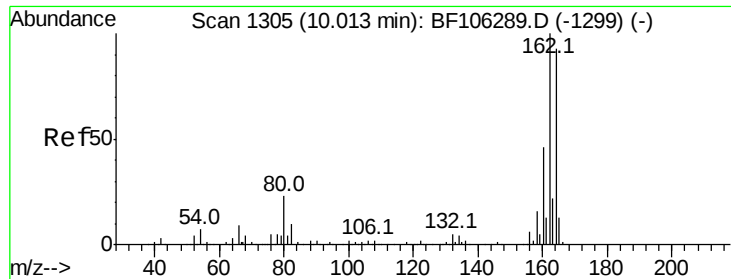
#32
Benzoic acid
Concen: 7.391 ng
RT: 8.17 min Scan# 992
Delta R.T. 0.17 min
Lab File: BF106357.D
Acq: 12 Jun 2018 20:57

Tgt Ion: 122 Resp: 572
Ion Ratio Lower Upper
122 100
105 117.9 101.1 141.1
77 108.6 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

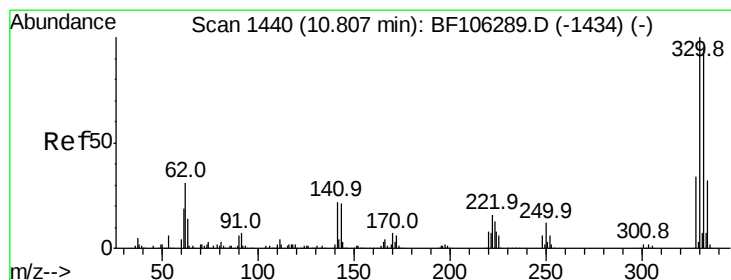
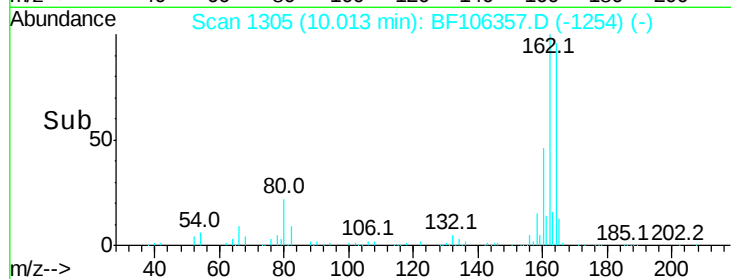
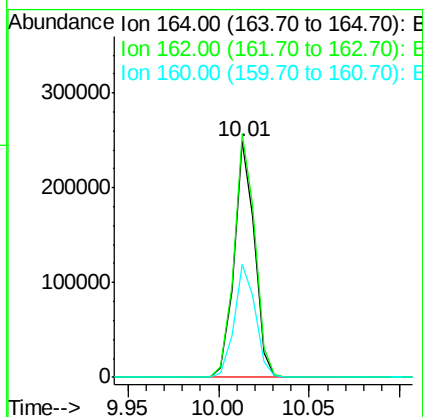
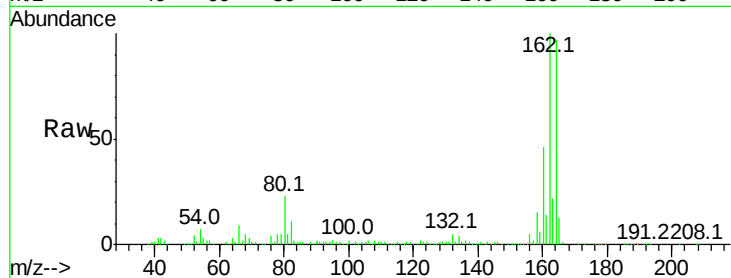




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF106357.D
 Acq: 12 Jun 2018 20:57

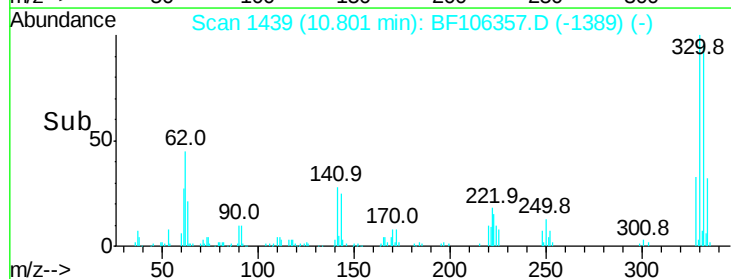
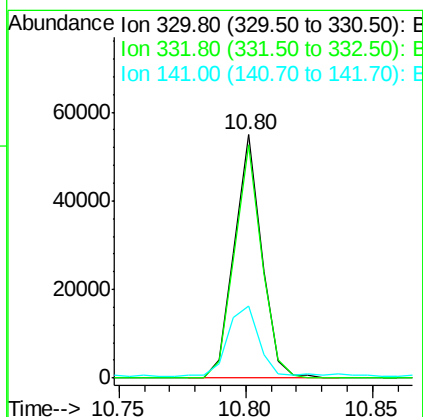
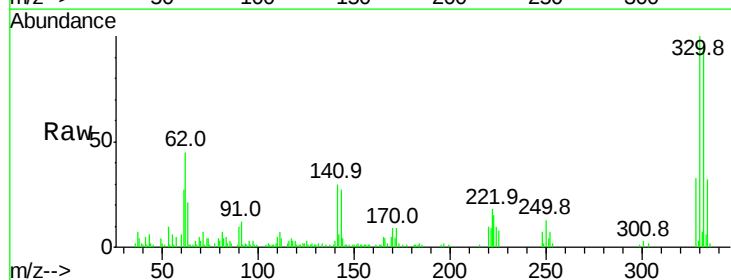
Instrument :
 BNA_F
 ClientSampleId :

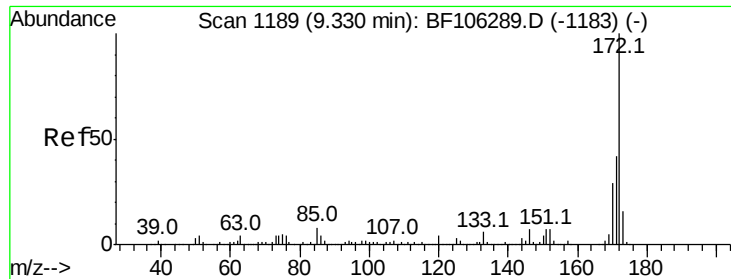
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	47.9	38.3	57.5



#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

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

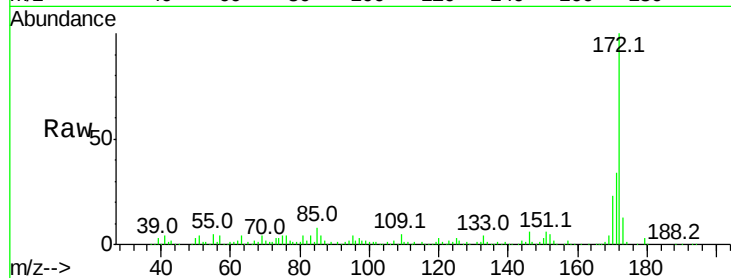




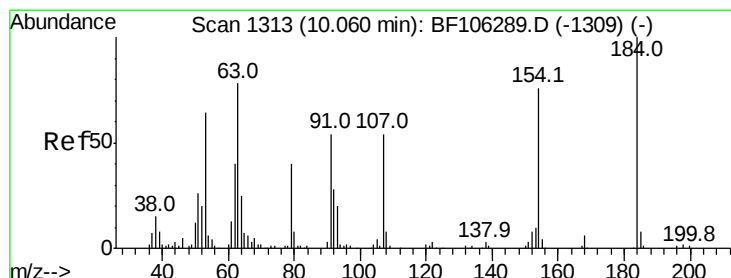
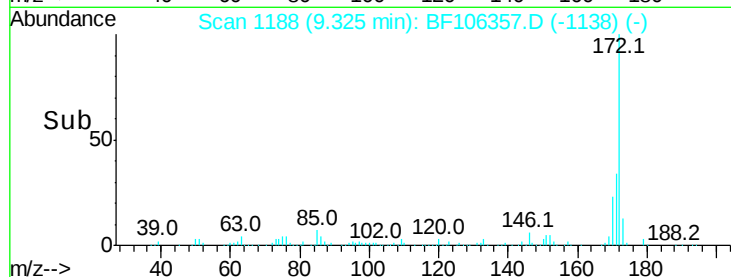
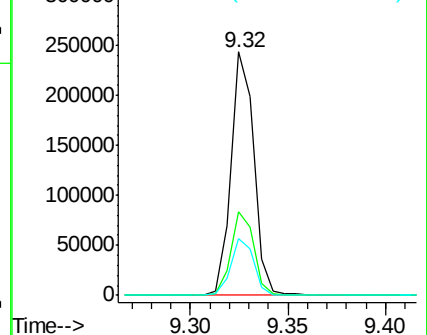
#44
2-Fluorobiphenyl
Concen: 8.386 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106357.D
Acq: 12 Jun 2018 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 198514
Ion Ratio Lower Upper
172 100
171 34.3 29.7 44.5
170 23.4 19.6 29.4

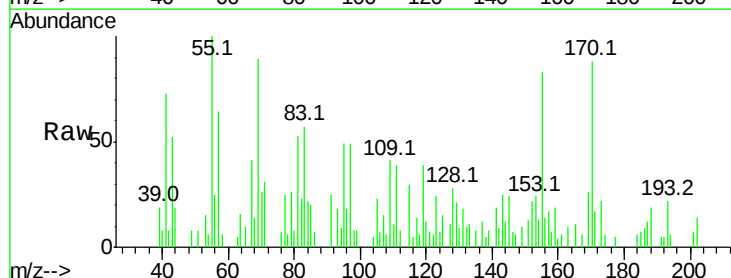


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

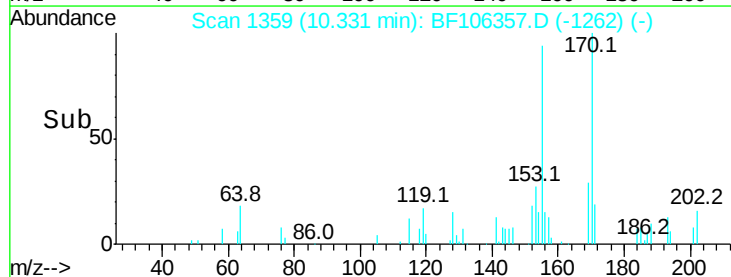
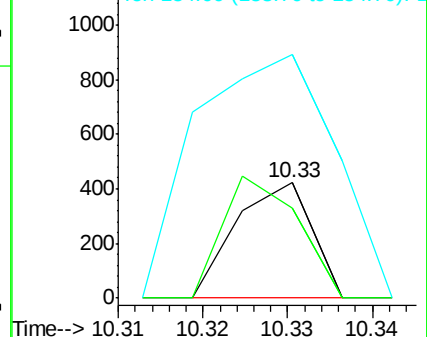


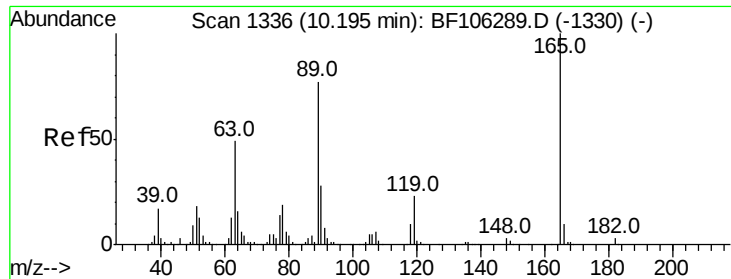
#53
2,4-Dinitrophenol
Concen: 8.792 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.27 min
Lab File: BF106357.D
Acq: 12 Jun 2018 20:57

Tgt Ion:184 Resp: 261
Ion Ratio Lower Upper
184 100
63 78.2 54.2 81.2
154 211.4 184.0 276.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

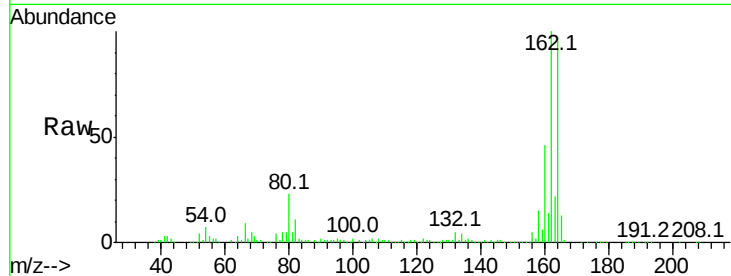




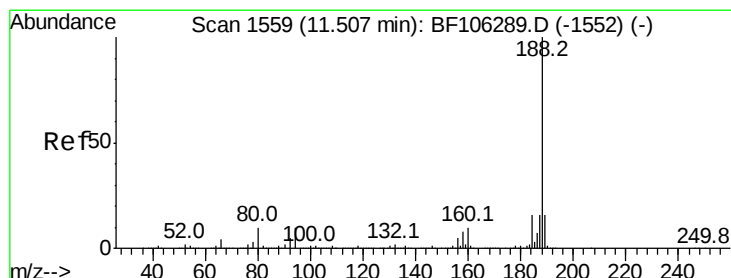
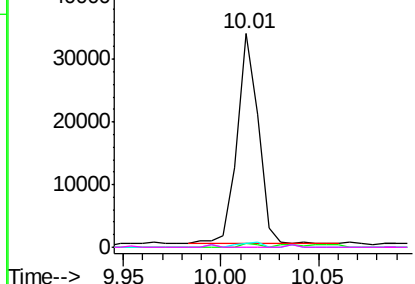
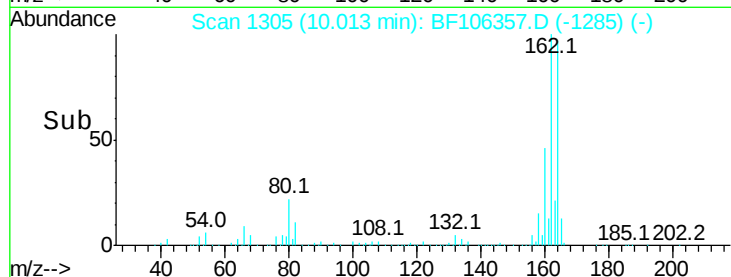
#56
2,4-Dinitrotoluene
Concen: 7.100 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106357.D
Acq: 12 Jun 2018 20:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 25410
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.8 57.8 86.6#
182 0.0 1.6 2.4#

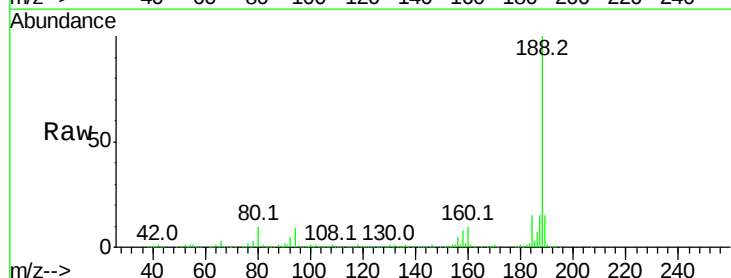


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

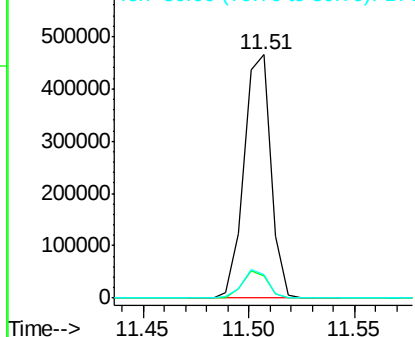
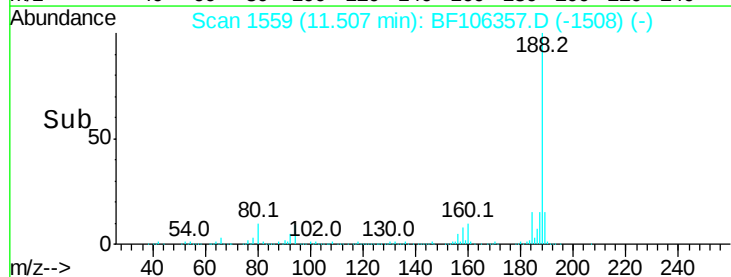


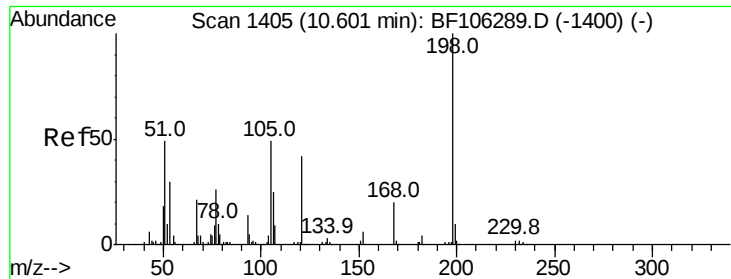
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106357.D
Acq: 12 Jun 2018 20:57

Tgt 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





#64

4,6-Dinitro-2-methylphenol

Concen: 6.636 ng

RT: 10.82 min Scan# 1443

Delta R.T. 0.22 min

Lab File: BF106357.D

Acq: 12 Jun 2018 20:57

Instrument :

BNA_F

ClientSampleId :

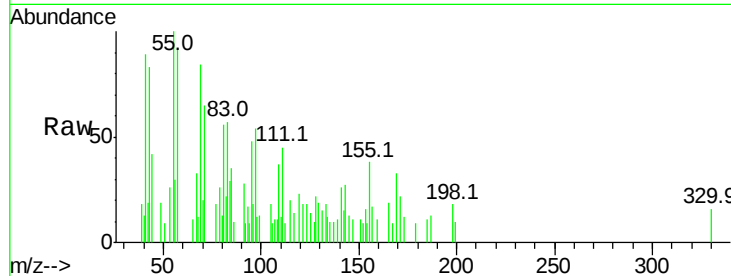
Tot Ion:198 Resp: 872

Ion Ratio Lower Upper

198 100

51 49.5 37.7 77.7

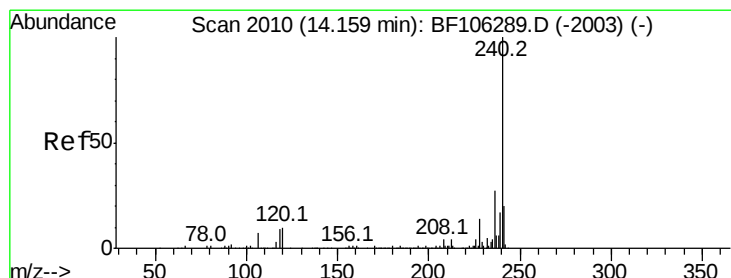
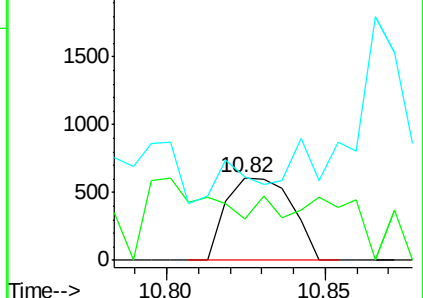
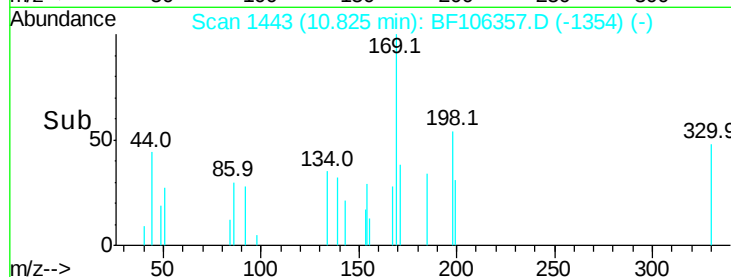
105 101.3 36.3 76.3#



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



#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

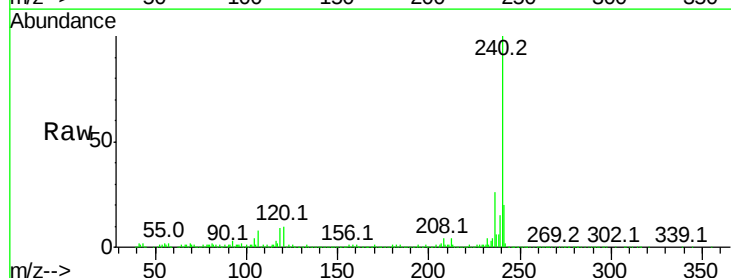
Tgt Ion:240 Resp: 416756

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

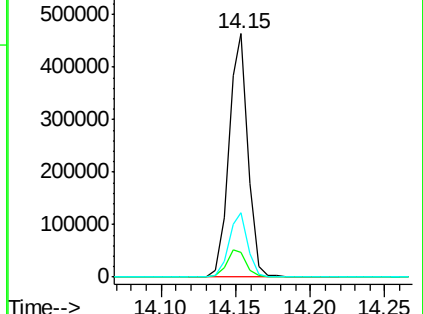
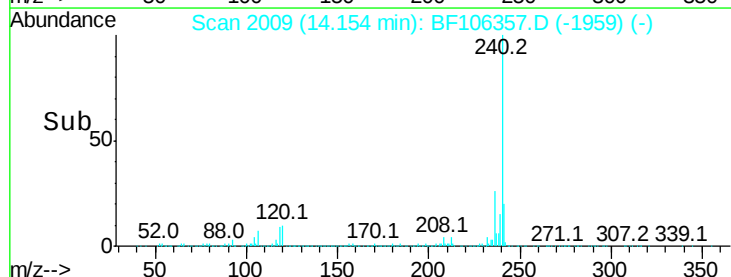
236 26.3 20.7 31.1

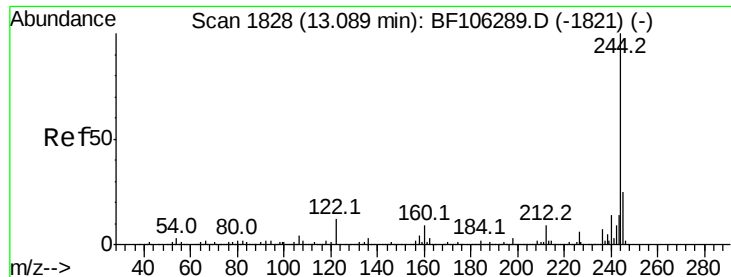


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

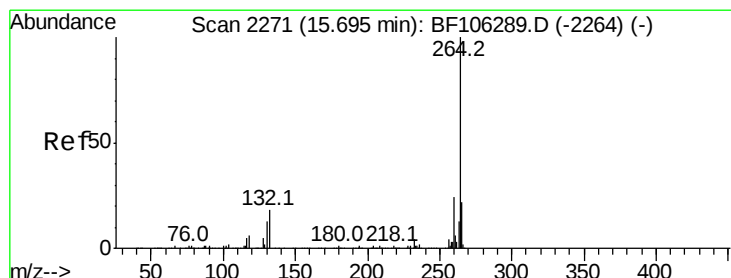
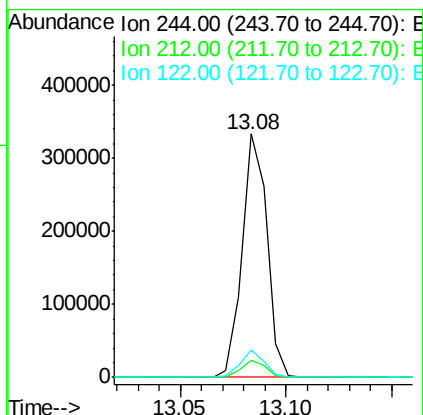
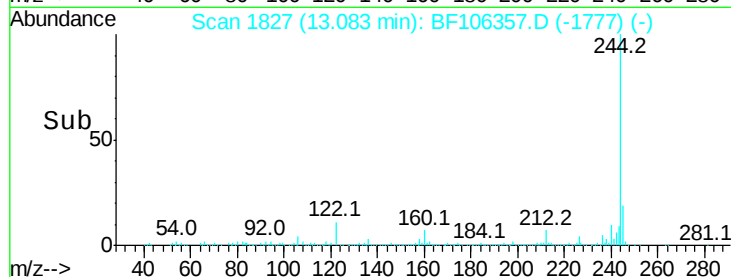
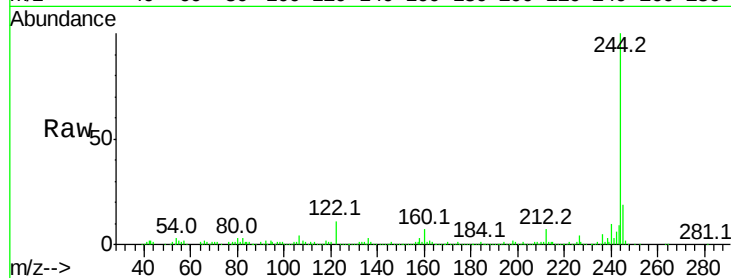
Tot Ion:244 Resp: 270237

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 11.3 11.0 16.4



#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

