

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106340.D
 Acq On : 12 Jun 2018 13:21
 Operator : JU/SJ
 Sample : J3413-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-5

Quant Time: Jun 13 01:37:15 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

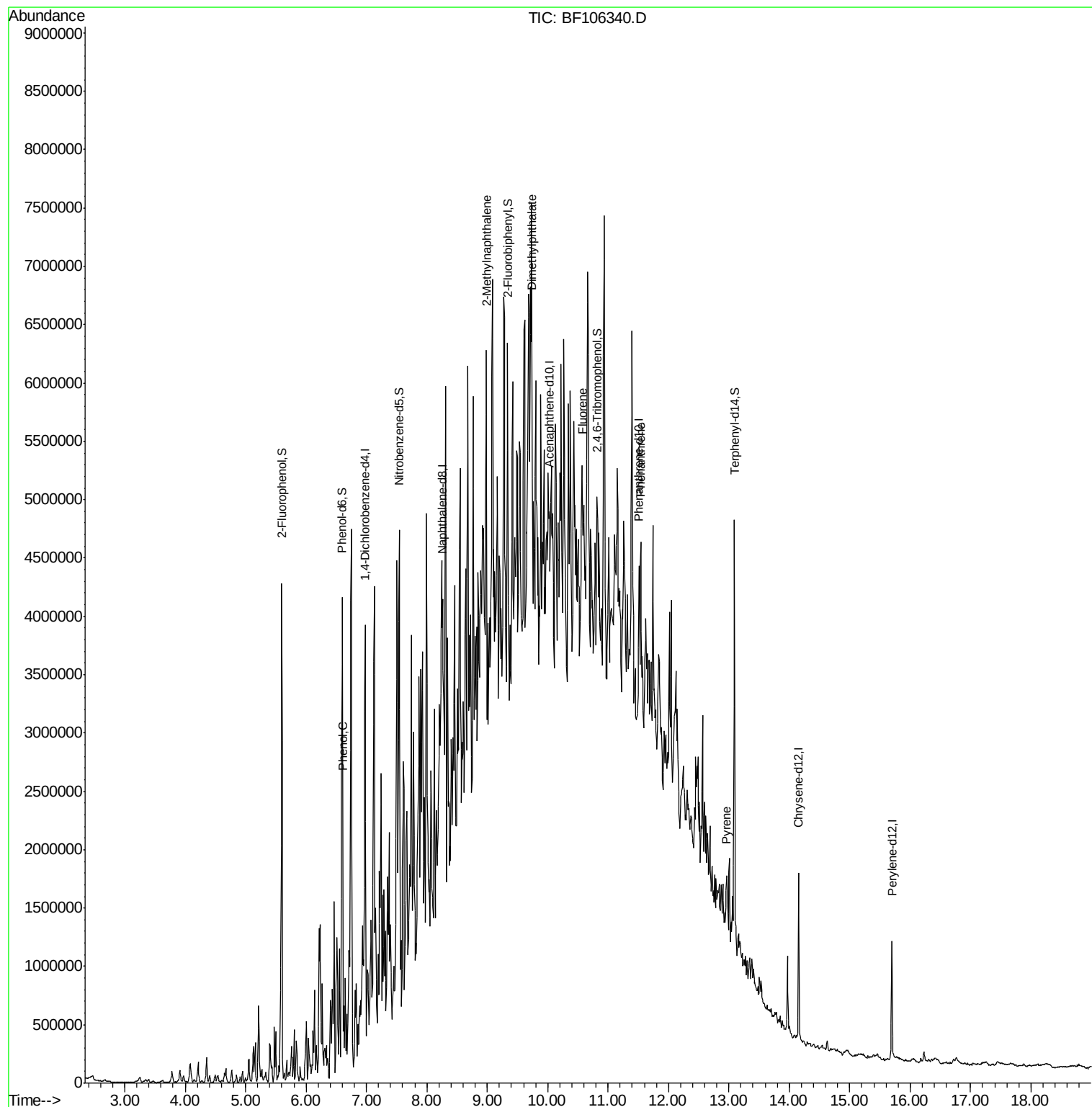
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170407	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	573653	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	254631	20.00	ng	0.01
63) Phenanthrene-d10	11.51	188	449597	20.00	ng	0.00
75) Chrysene-d12	14.15	240	498110	20.00	ng	0.00
86) Perylene-d12	15.70	264	517576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1320073	131.11	ng	0.02
7) Phenol-d6	6.60	99	1647722	129.53	ng	0.01
23) Nitrobenzene-d5	7.54	82	1052652	107.95	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	397292	162.16	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1408366	105.93	ng	0.00
78) Terphenyl-d14	13.10	244	1499907	74.79	ng	0.00
Target Compounds						
10) Phenol	6.61	94	34832	2.508	ng	97
37) 2-Methylnaphthalene	8.98	142	1735171	98.241	ng	# 94
49) Dimethylphthalate	9.73	163	196880	10.822	ng	# 91
57) Fluorene	10.58	166	273884	16.454	ng	# 83
70) Phenanthrene	11.54	178	736119	33.432	ng	96
77) Pyrene	12.95	202	155650	4.991	ng	# 96

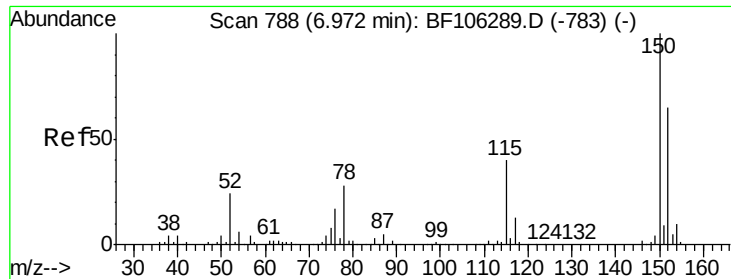
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration



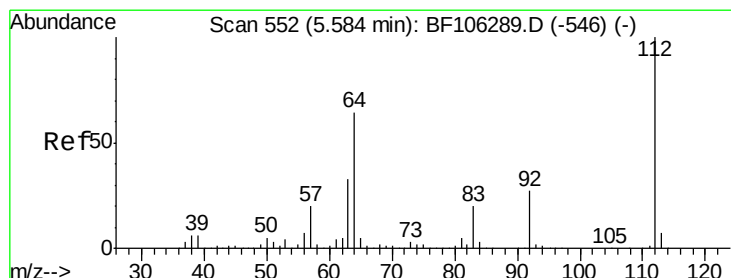
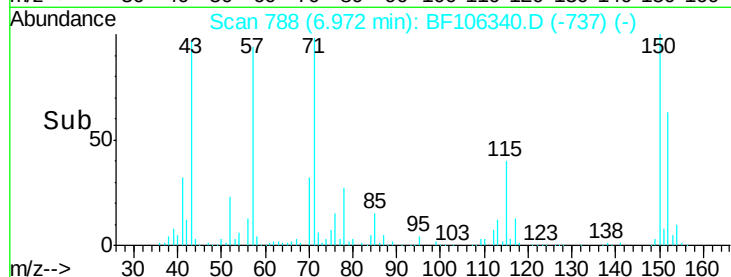
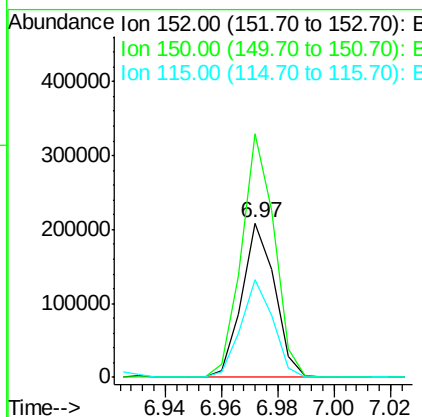
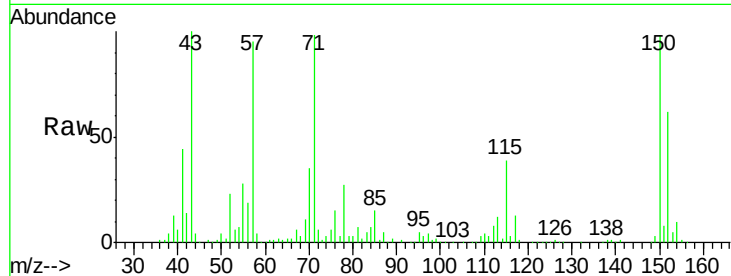


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampled :
D-5

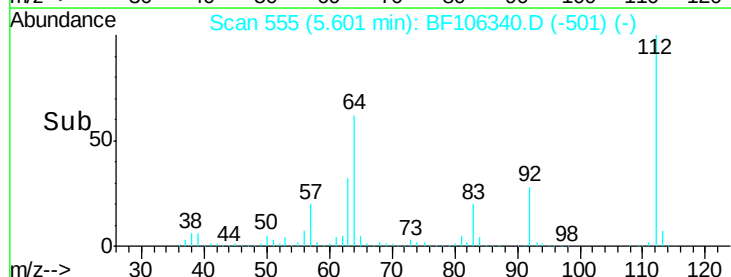
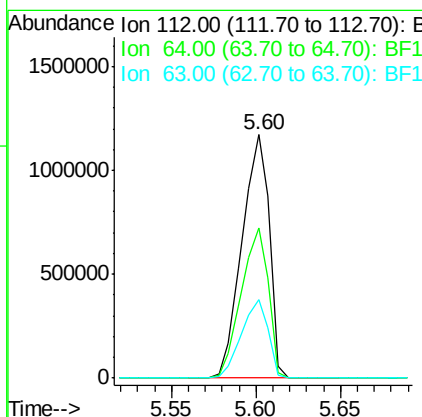
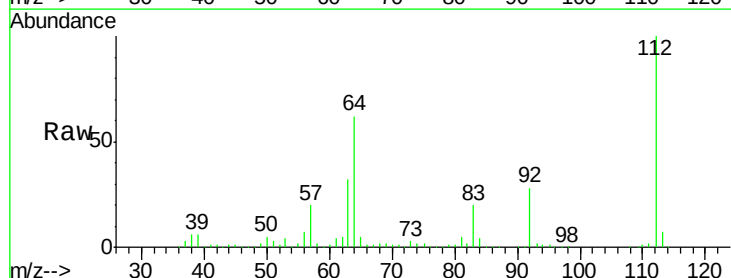
Tot Ion:152 Resp: 170407
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 63.0 50.1 75.1

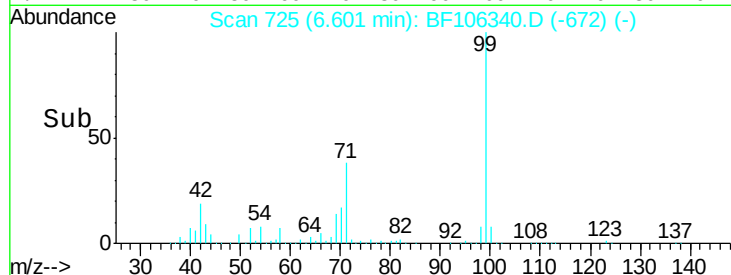
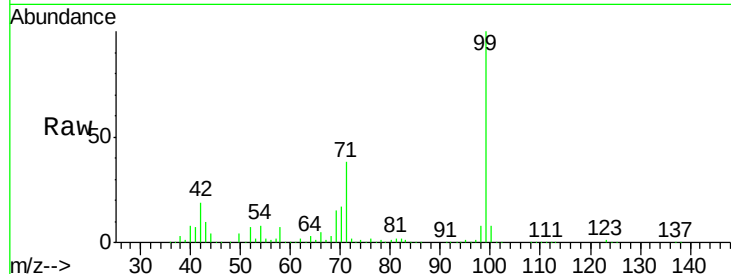
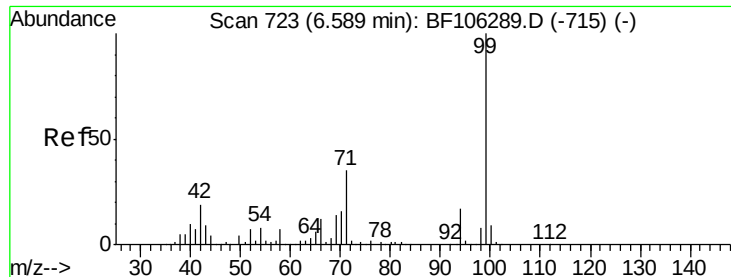


#5

2-Fluorophenol
Concen: 131.111 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:112 Resp: 1320073
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 32.1 23.7 35.5





#7

Phenol-d6

Concen: 129.533 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF106340.D

Acq: 12 Jun 2018 13:21

Instrument :

BNA_F

ClientSampleId :

D-5

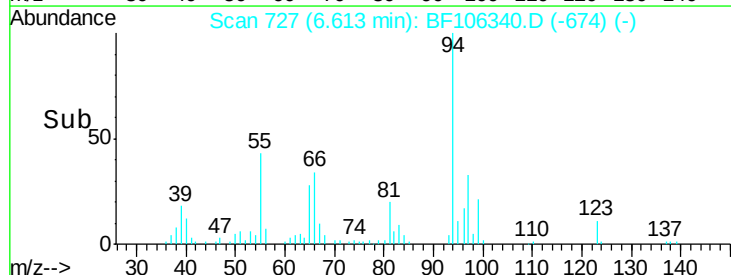
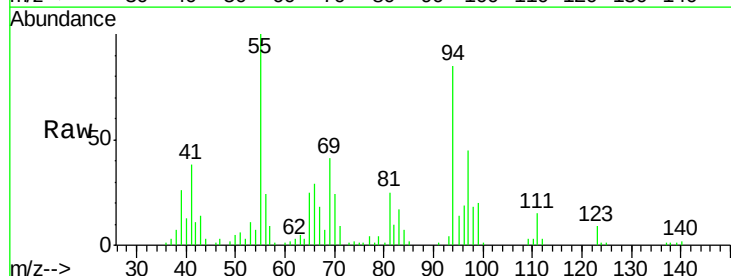
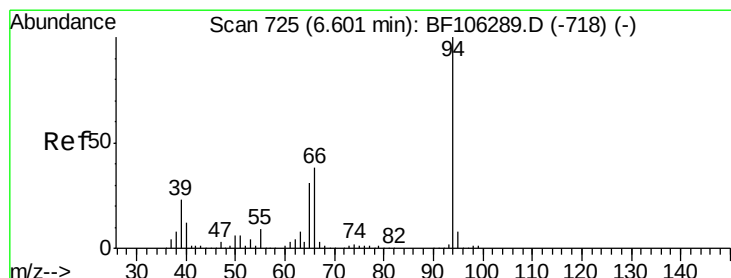
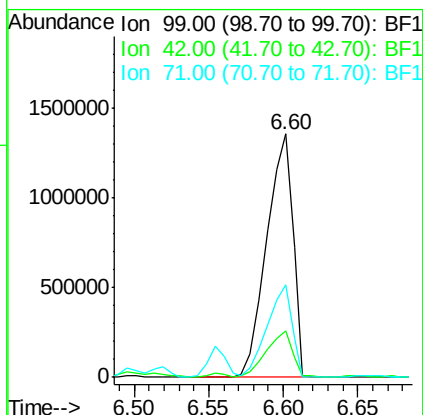
Tot Ion: 99 Resp: 1647722

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 37.9 25.4 38.0



#10

Phenol

Concen: 2.508 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106340.D

Acq: 12 Jun 2018 13:21

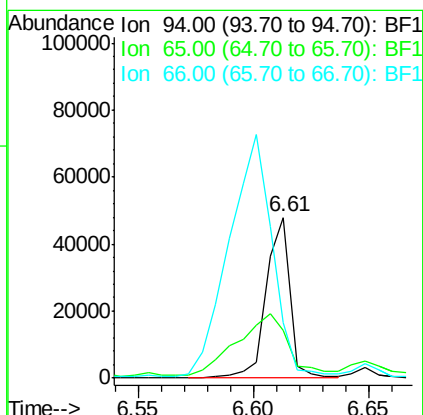
Tgt Ion: 94 Resp: 34832

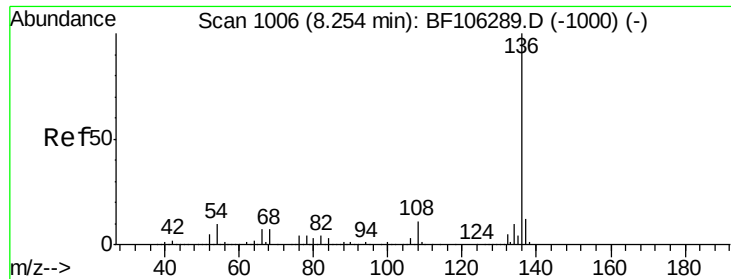
Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

66 34.5 16.2 56.2

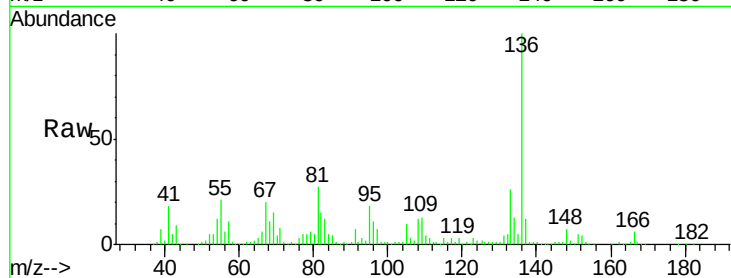




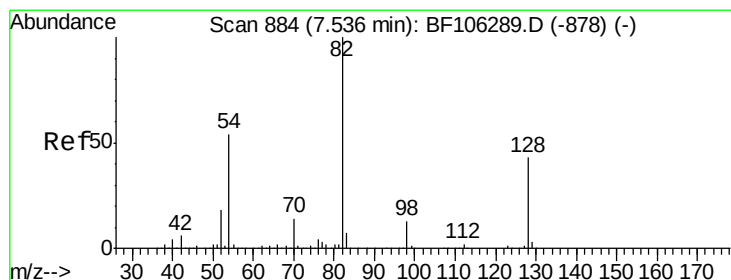
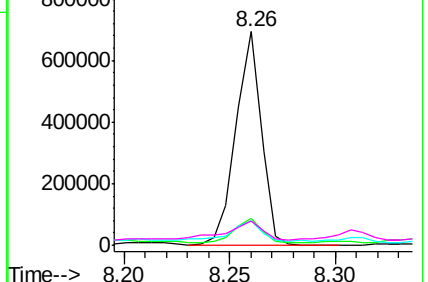
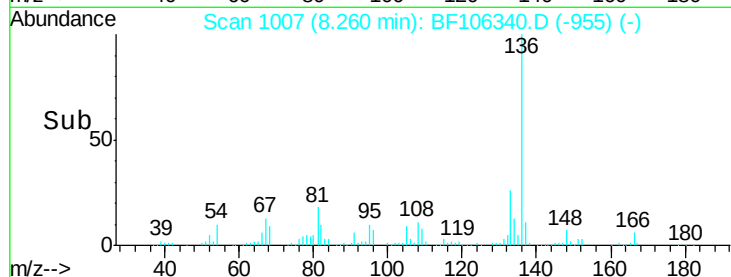
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Instrument :
BNA_F
ClientSampled :
D-5

Tot Ion:136	Resp:	573653
Ion	Ratio	Lower Upper
136	100	
137	12.4	8.9 13.3
54	11.5	6.6 9.8#
68	11.5	5.0 7.4#

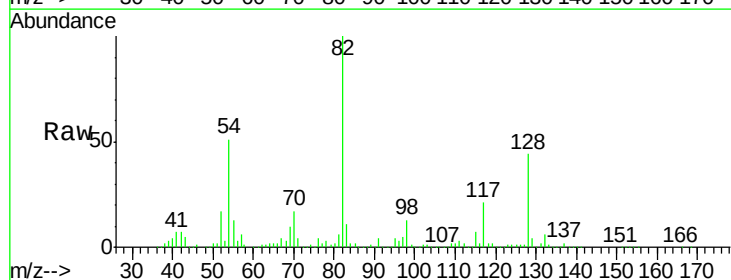


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

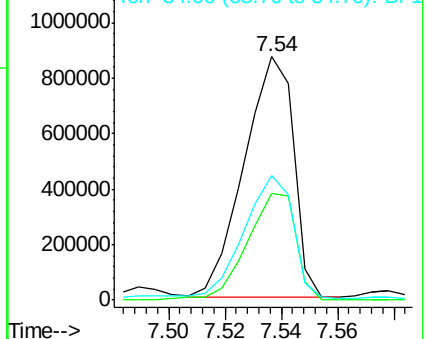
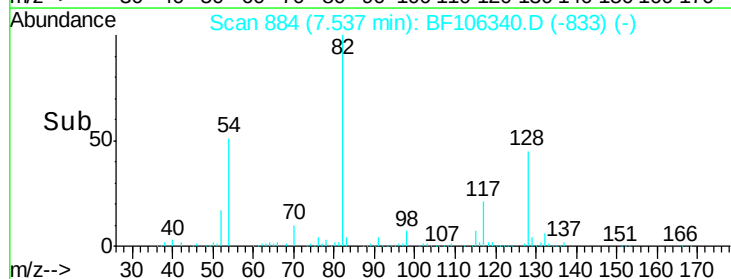


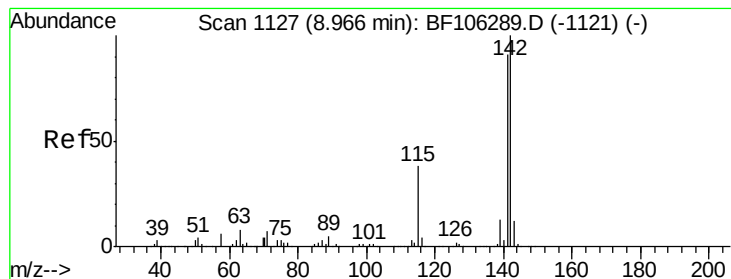
#23
Nitrobenzene-d5
Concen: 107.950 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion: 82	Resp:	1052652
Ion	Ratio	Lower Upper
82	100	
128	43.7	36.1 54.1
54	51.2	41.4 62.2



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

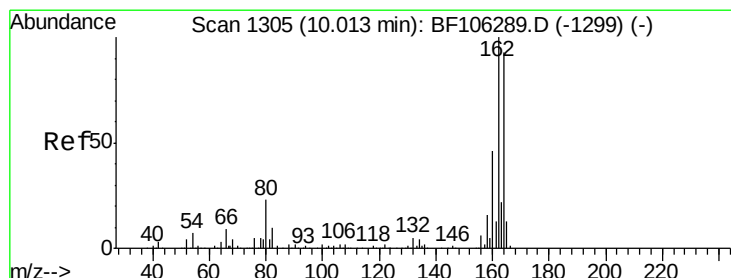
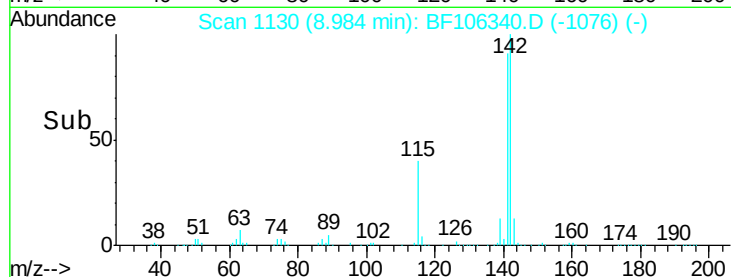
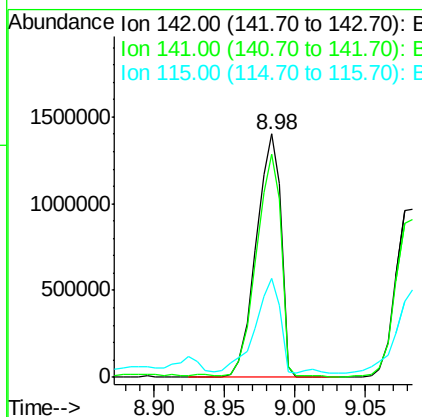
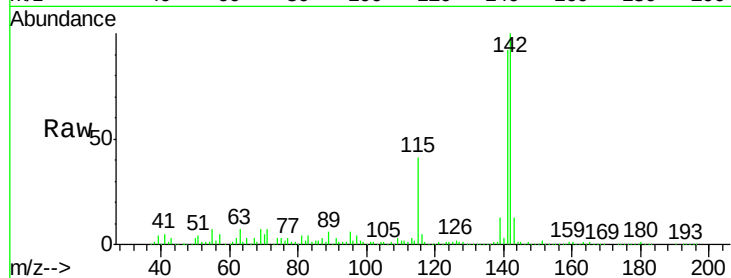




#37
2-Methylnaphthalene
Concen: 98.241 ng
RT: 8.98 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

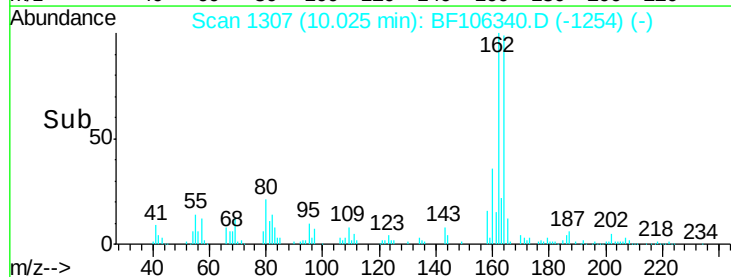
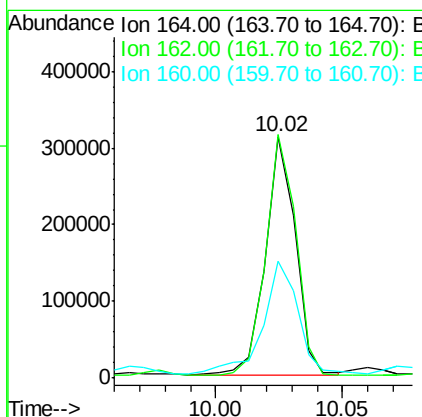
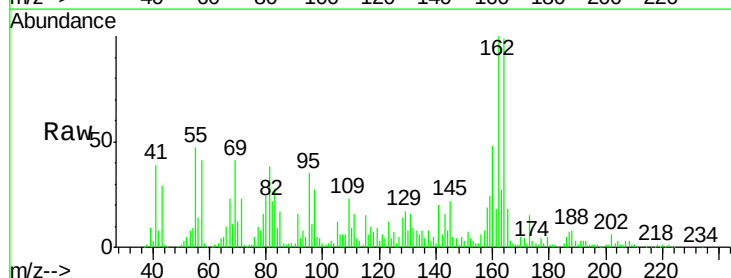
Instrument :
BNA_F
ClientSampleId :
D-5

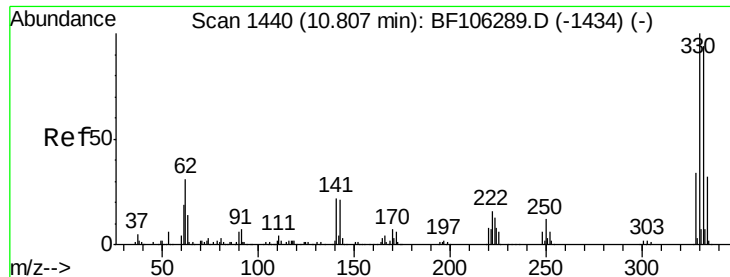
Tot Ion:142 Resp: 1735171
Ion Ratio Lower Upper
142 100
141 91.5 70.8 106.2
115 40.5 26.1 39.1#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:164 Resp: 254631
Ion Ratio Lower Upper
164 100
162 101.0 86.1 129.1
160 48.7 38.3 57.5

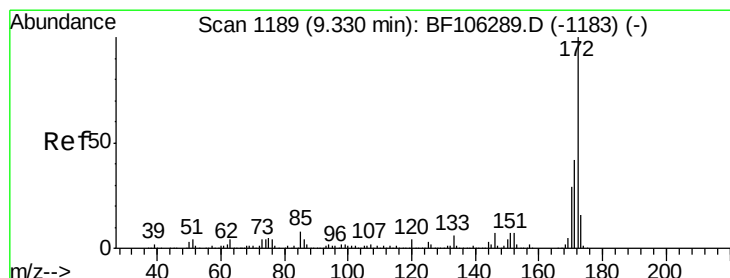
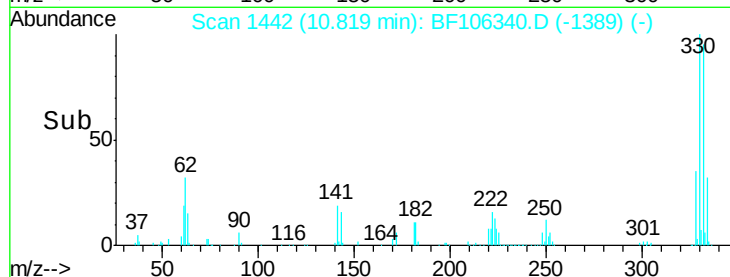
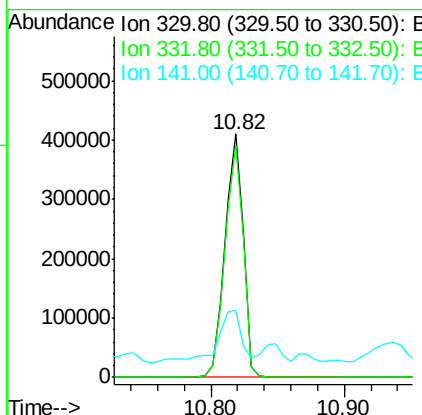
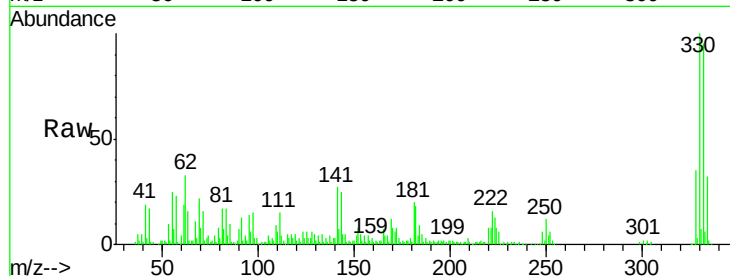




#41
 2,4,6-Tribromophenol
 Concen: 162.161 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF106340.D
 Acq: 12 Jun 2018 13:21

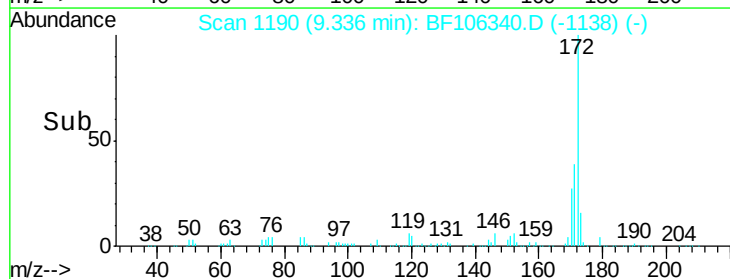
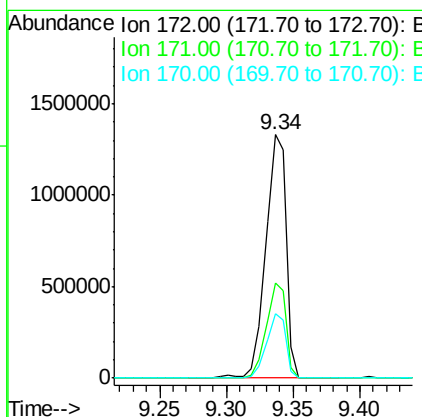
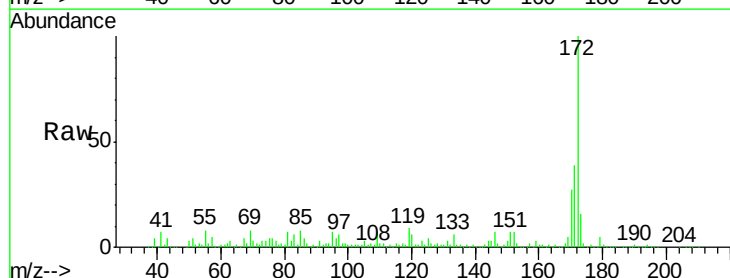
Instrument :
 BNA_F
 ClientSampled :
 D-5

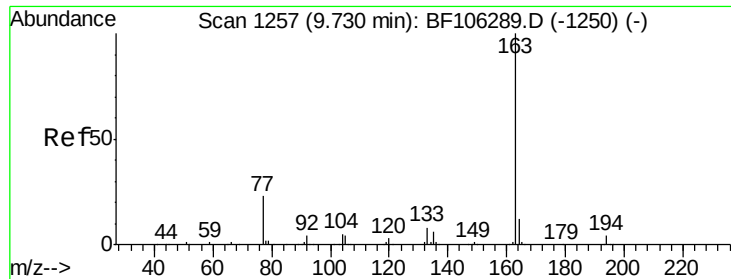
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	27.8	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 105.925 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF106340.D
 Acq: 12 Jun 2018 13:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.7	44.5
170	26.6	19.6	29.4

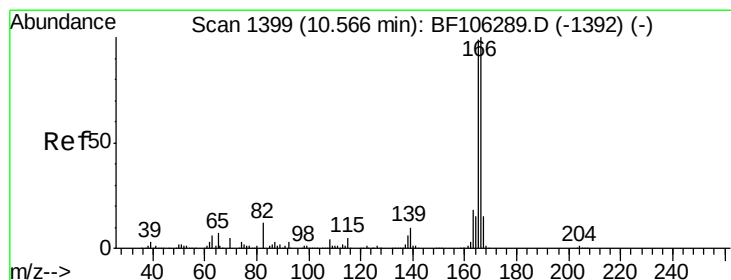
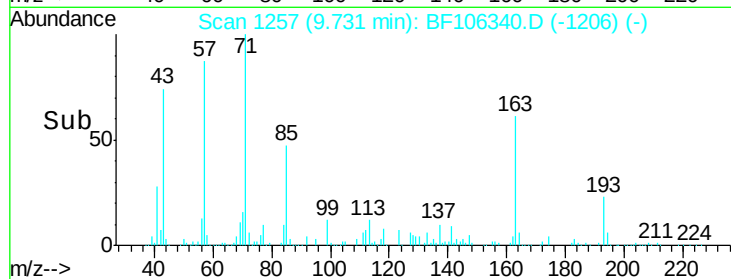
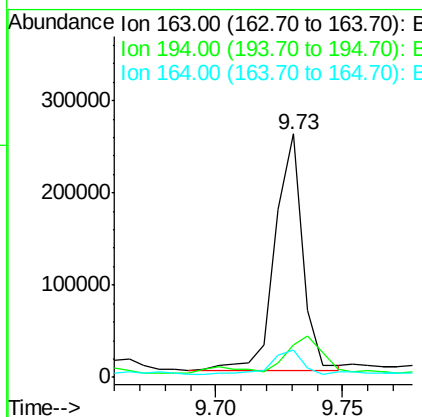
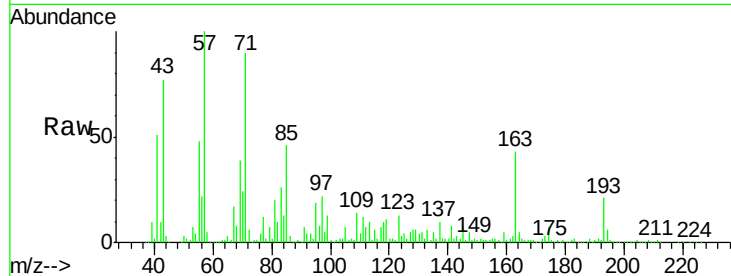




#49
Dimethylphthalate
Concen: 10.822 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

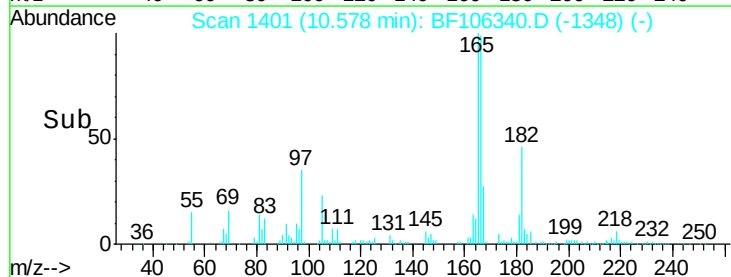
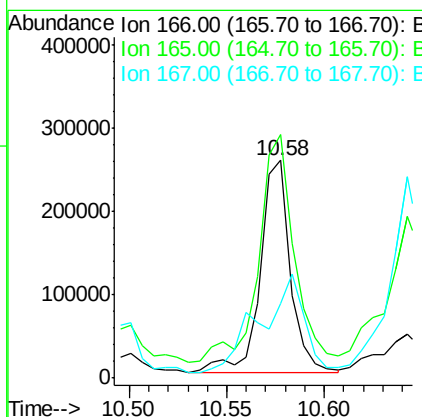
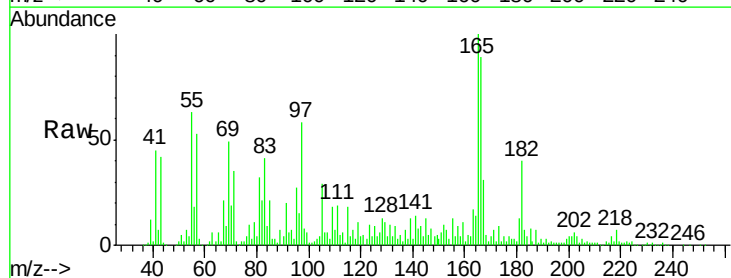
Instrument :
BNA_F
ClientSampleId :
D-5

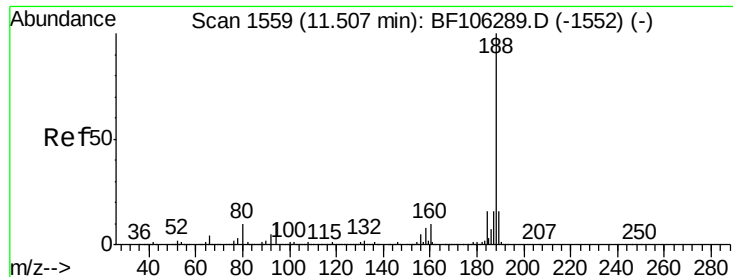
Tot Ion:163 Resp: 196880
Ion Ratio Lower Upper
163 100
194 13.6 2.7 4.1#
164 11.0 8.2 12.2



#57
Fluorene
Concen: 16.454 ng
RT: 10.58 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:166 Resp: 273884
Ion Ratio Lower Upper
166 100
165 111.9 79.8 119.8
167 34.1 10.6 16.0#

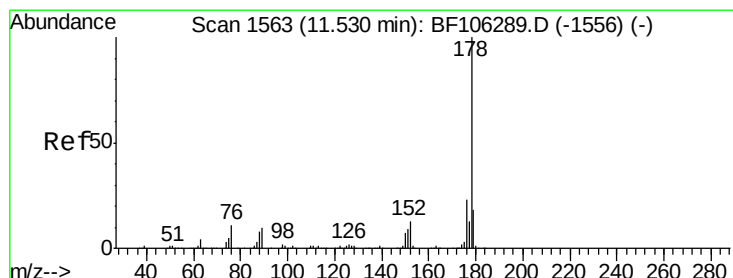
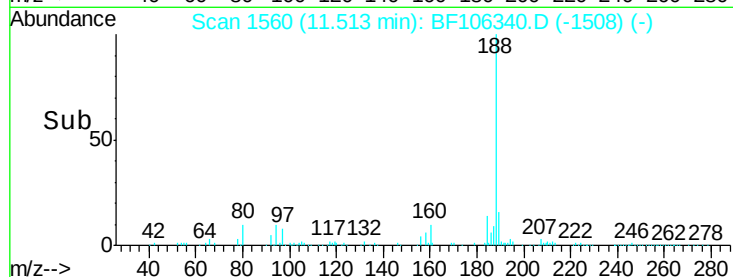
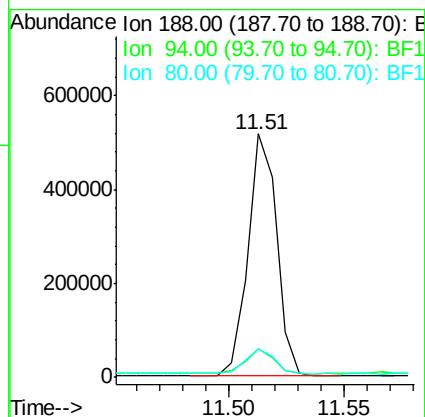
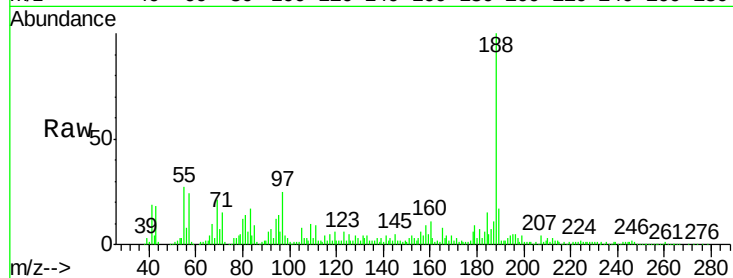




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

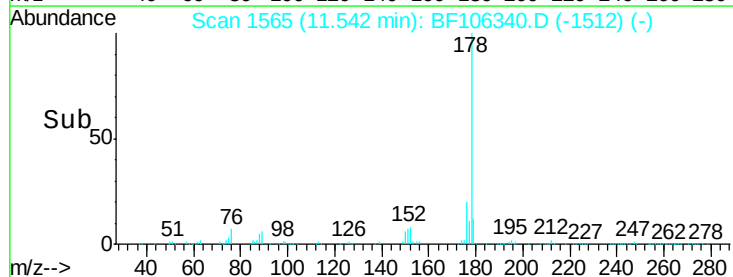
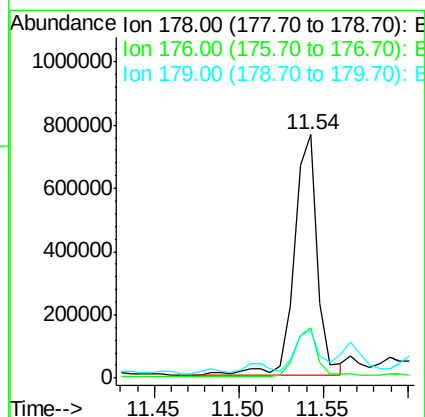
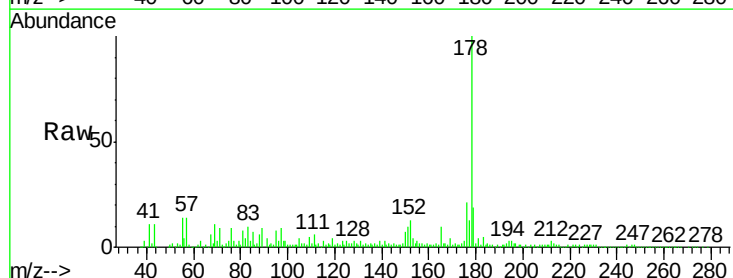
Instrument :
BNA_F
ClientSampleId :
D-5

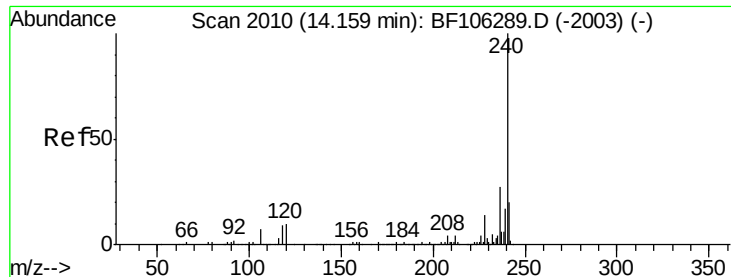
Tot Ion:188 Resp: 449597
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 11.9 9.2 13.8



#70
Phenanthrene
Concen: 33.432 ng
RT: 11.54 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF106340.D
Acq: 12 Jun 2018 13:21

Tgt Ion:178 Resp: 736119
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.8
179 19.4 13.0 19.6





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106340.D

Acq: 12 Jun 2018 13:21

Instrument :

BNA_F

ClientSampleId :

D-5

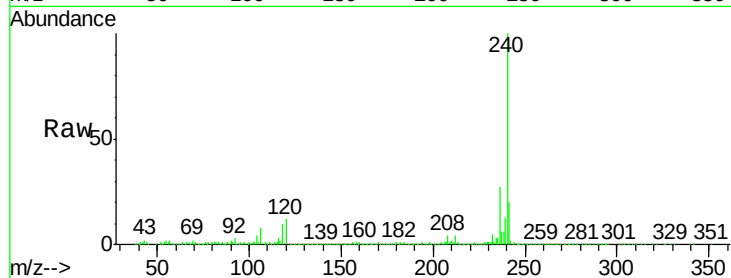
Tot Ion:240 Resp: 498110

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

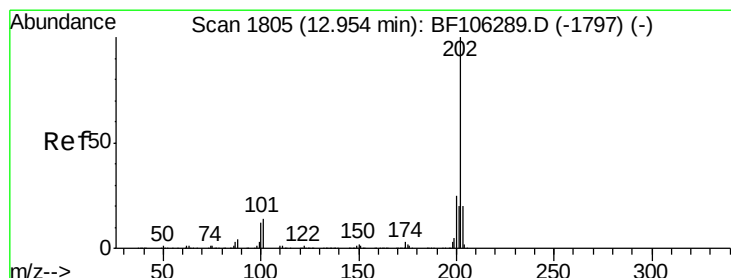
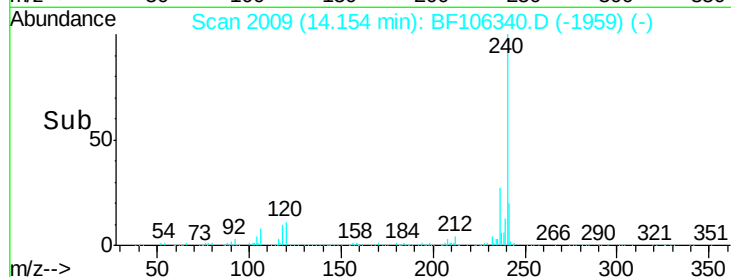
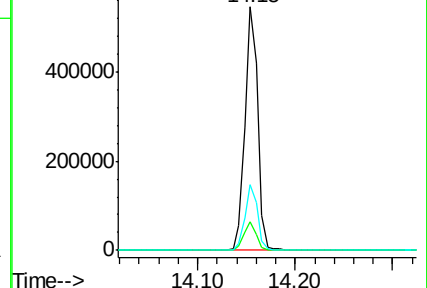
236 27.0 20.7 31.1



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



#77

Pyrene

Concen: 4.991 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF106340.D

Acq: 12 Jun 2018 13:21

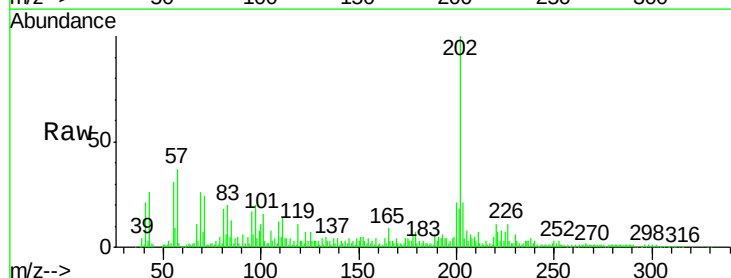
Tgt Ion:202 Resp: 155650

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

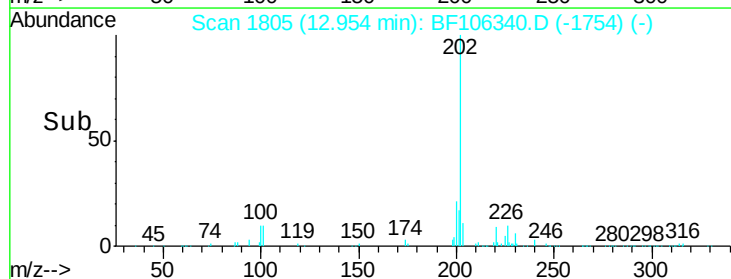
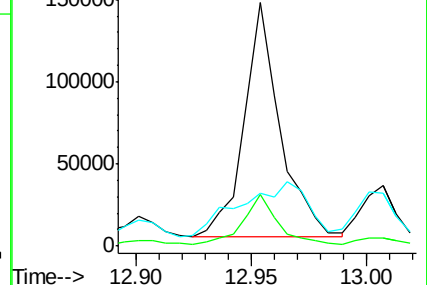
203 21.5 14.3 21.5#

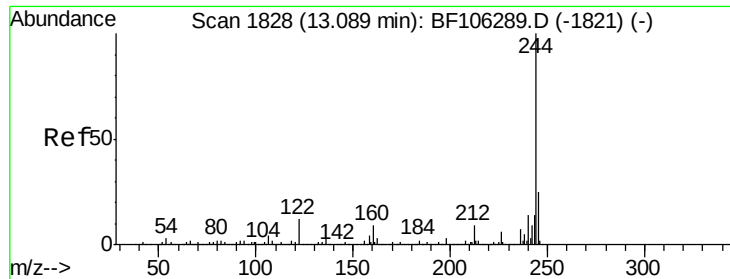


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.792 ng

RT: 13.10 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF106340.D

Acq: 12 Jun 2018 13:21

Instrument :

BNA_F

ClientSampleId :

D-5

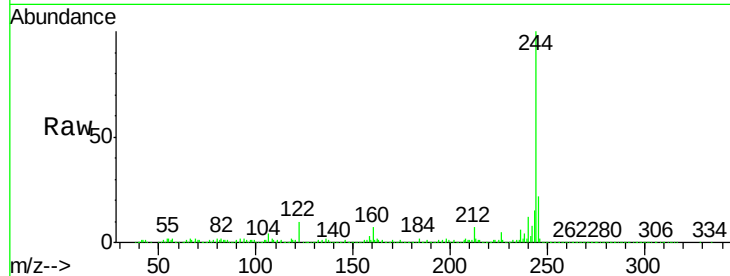
Tot Ion:244 Resp: 1499907

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

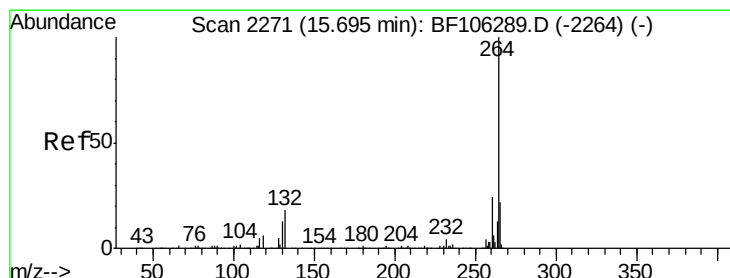
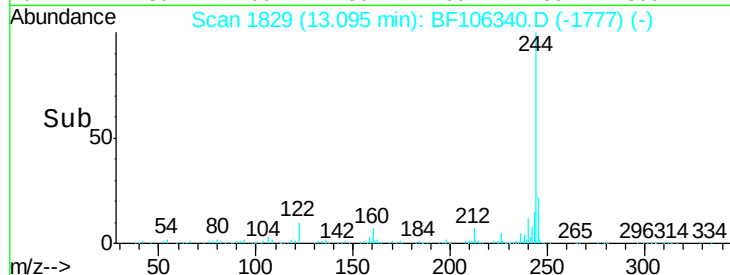
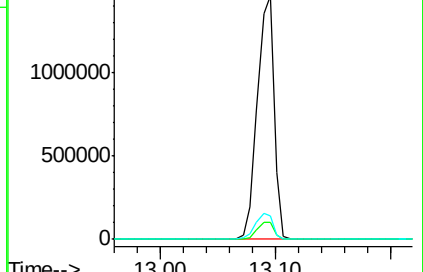
122 9.8 11.0 16.4#



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: 15.70 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF106340.D

Acq: 12 Jun 2018 13:21

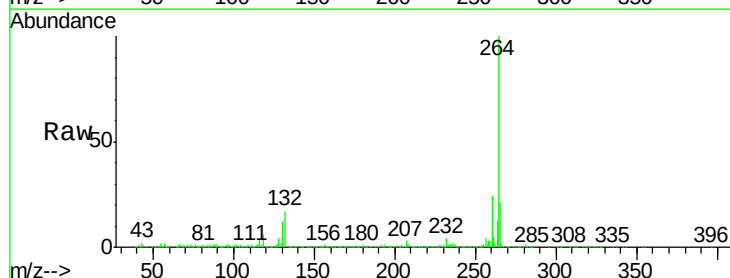
Tgt Ion:264 Resp: 517576

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.2 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

