

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106439.D
 Acq On : 14 Jun 2018 13:56
 Operator : JU/SJ
 Sample : PB110197BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BL

Quant Time: Jun 14 18:50:36 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	117477	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	446903	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	215263	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	433984	20.00	ng	0.00
75) Chrysene-d12	14.15	240	396355	20.00	ng	0.00
86) Perylene-d12	15.71	264	311407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	866578	124.85	ng	0.00
7) Phenol-d6	6.61	99	1045014	119.17	ng	0.00
23) Nitrobenzene-d5	7.52	82	710806	93.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	321240	155.10	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1216590	109.68	ng	0.00
78) Terphenyl-d14	13.09	244	1405307	88.06	ng	0.00

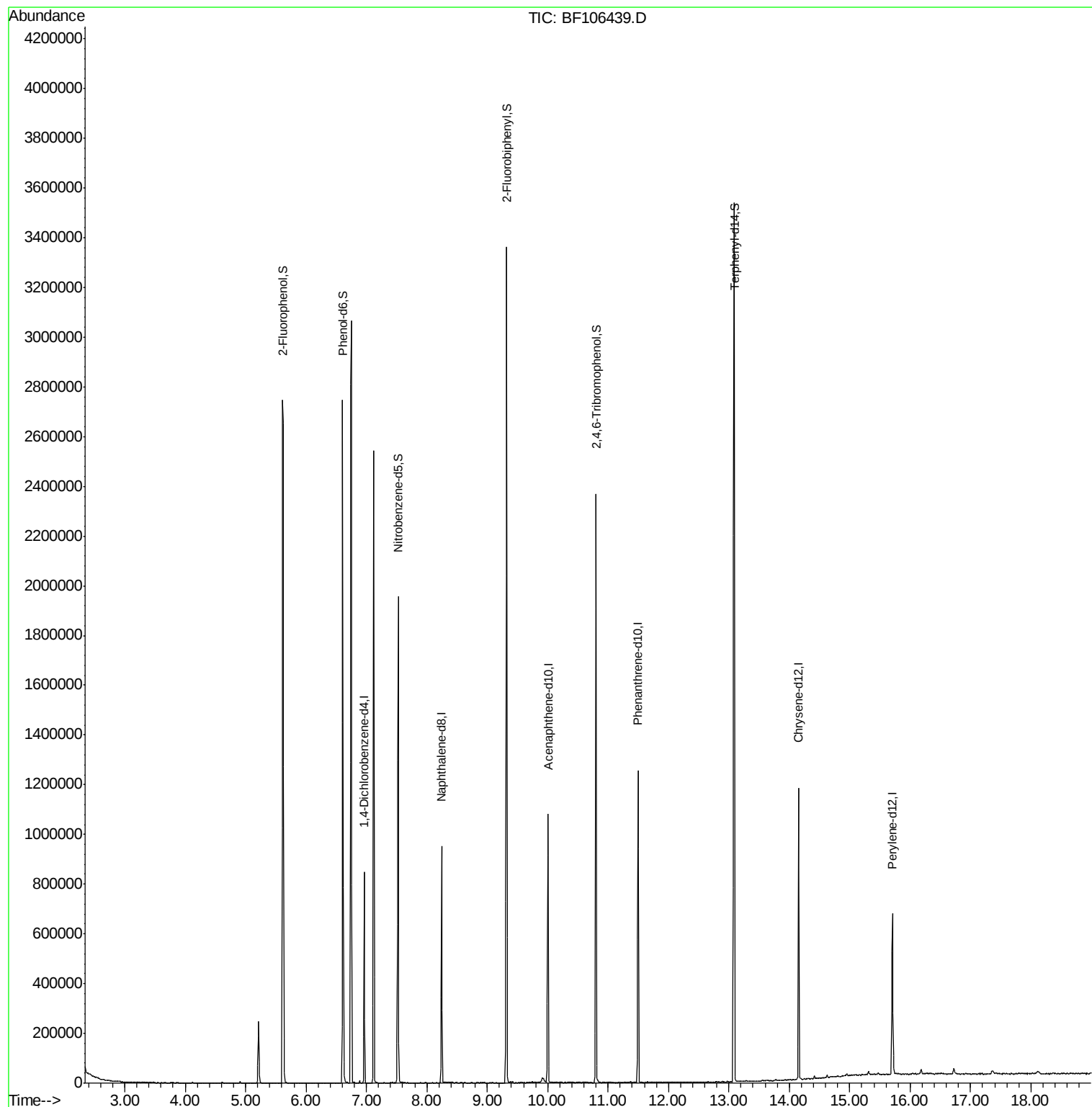
Target Compounds Qvalue

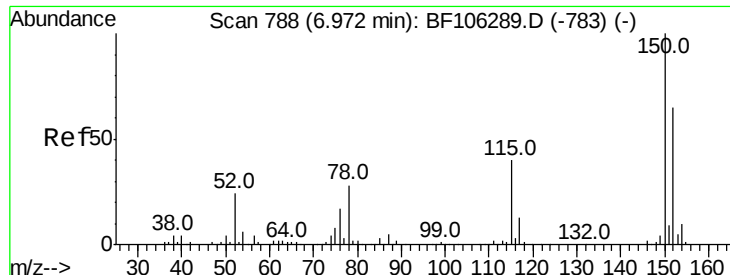
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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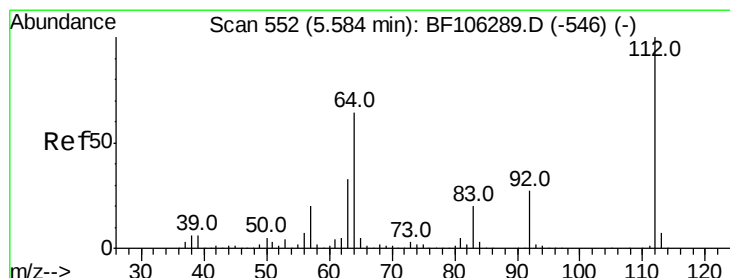
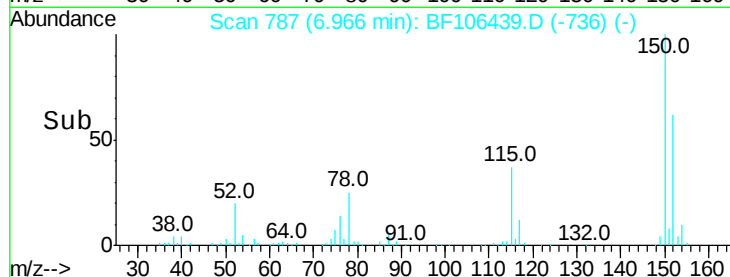
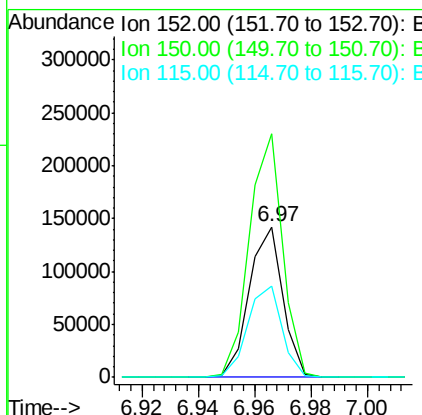
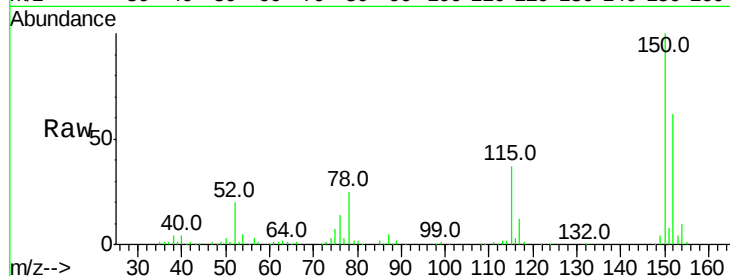


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF106439.D
 Acq: 14 Jun 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BL

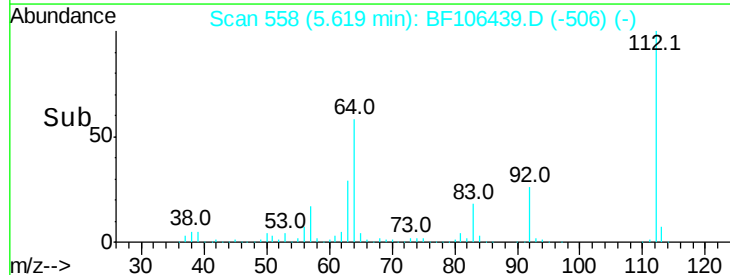
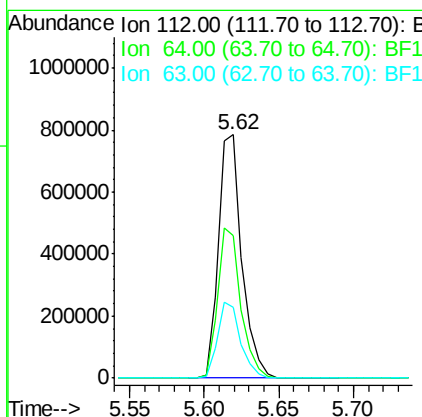
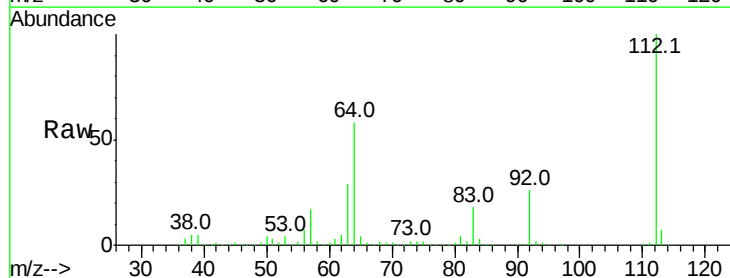
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	60.5	50.1	75.1

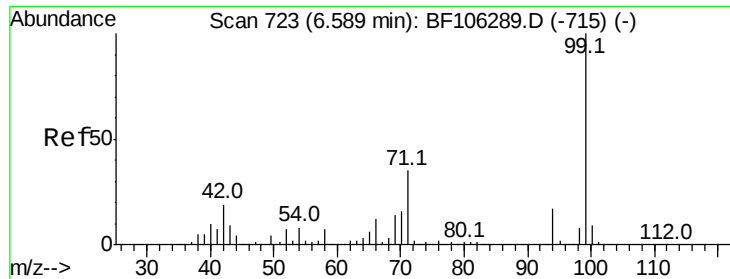


#5

2-Fluorophenol
 Concen: 124.848 ng
 RT: 5.62 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: BF106439.D
 Acq: 14 Jun 2018 13:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 119.167 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106439.D

Acq: 14 Jun 2018 13:56

Instrument :

BNA_F

ClientSampleId :

PB110197BL

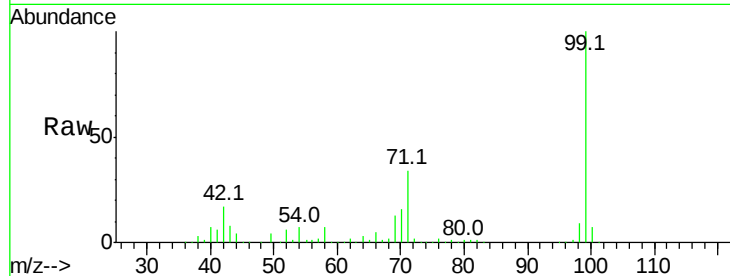
Tot Ion: 99 Resp: 1045014

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

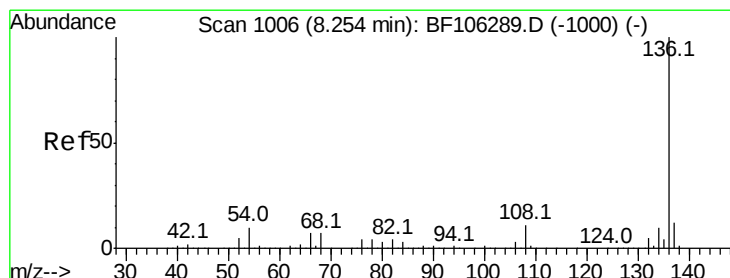
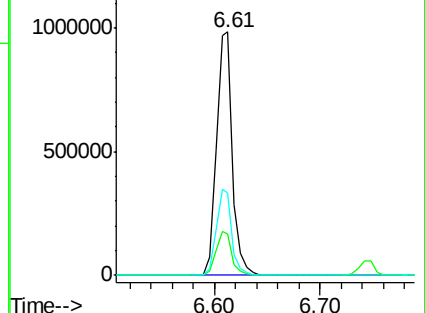
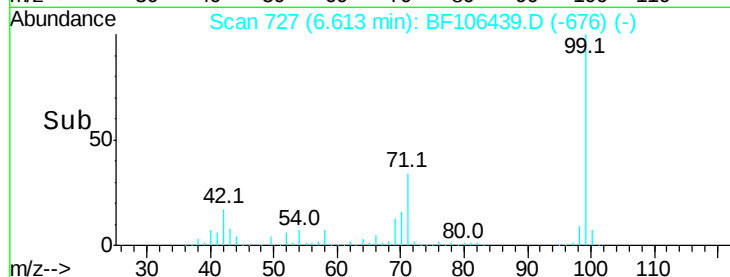
71 34.0 25.4 38.0



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# 1005

Delta R.T. -0.01 min

Lab File: BF106439.D

Acq: 14 Jun 2018 13:56

Tgt Ion: 136 Resp: 446903

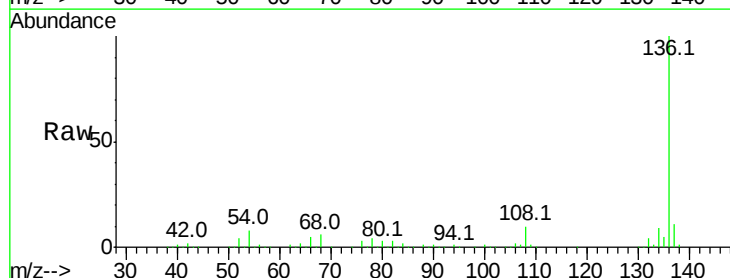
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.9 6.6 9.8

68 6.4 5.0 7.4

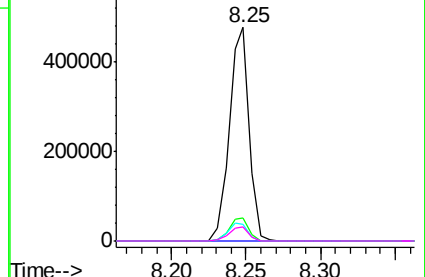
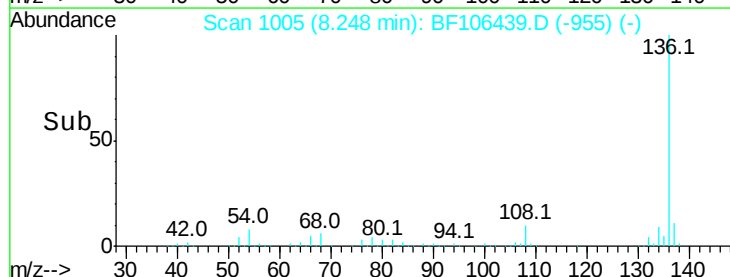


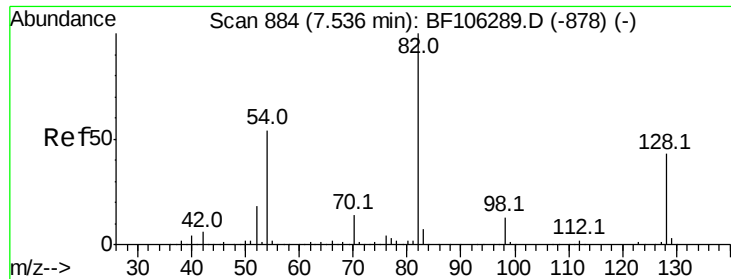
Abundance Ion 136.00 (135.70 to 136.70): E

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

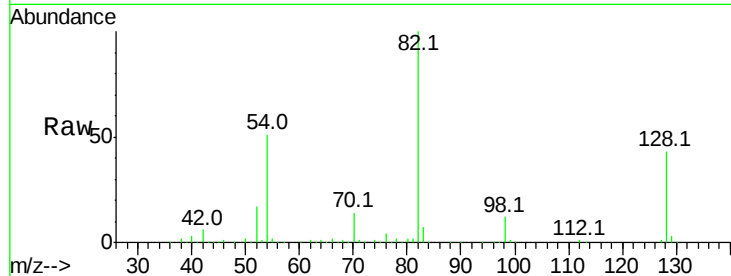




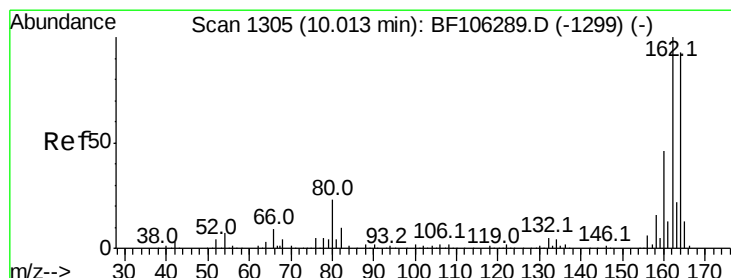
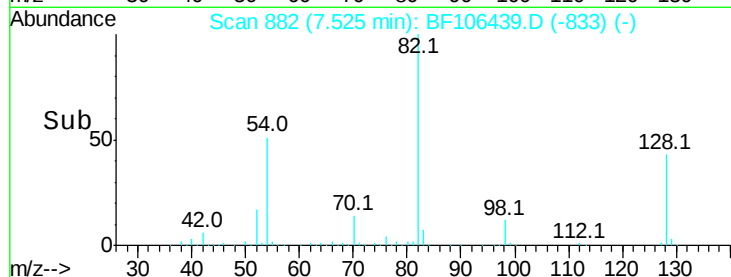
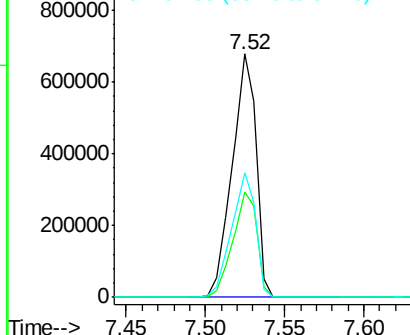
#23
Nitrobenzene-d5
Concen: 93.568 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

Instrument :
BNA_F
ClientSampleId :
PB110197BL

Tot Ion: 82 Resp: 710806
Ion Ratio Lower Upper
82 100
128 43.3 36.1 54.1
54 51.0 41.4 62.2

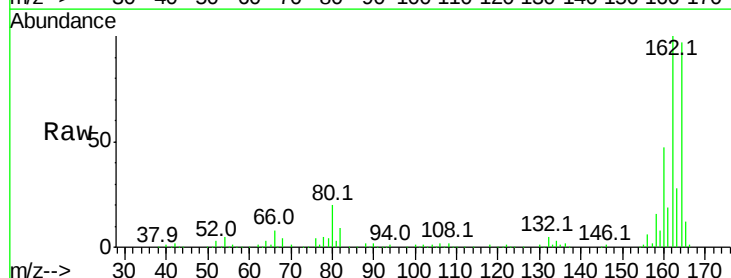


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

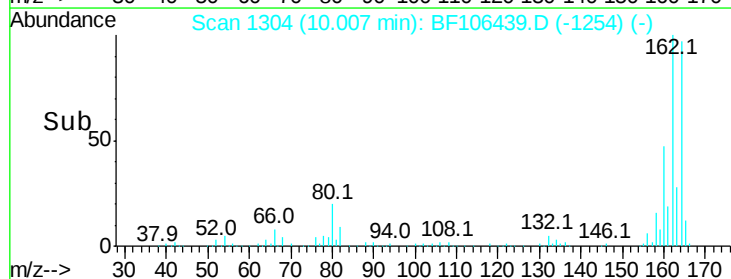
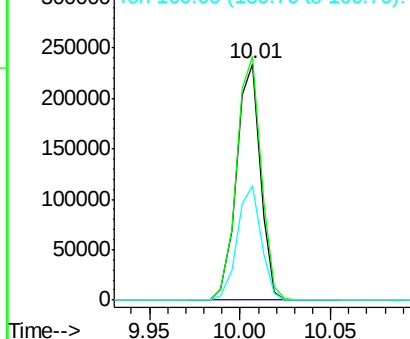


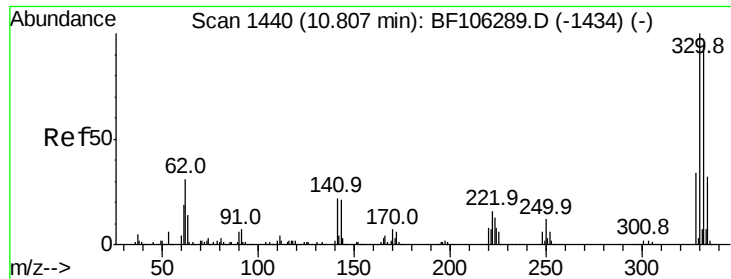
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

Tgt Ion:164 Resp: 215263
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 48.3 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

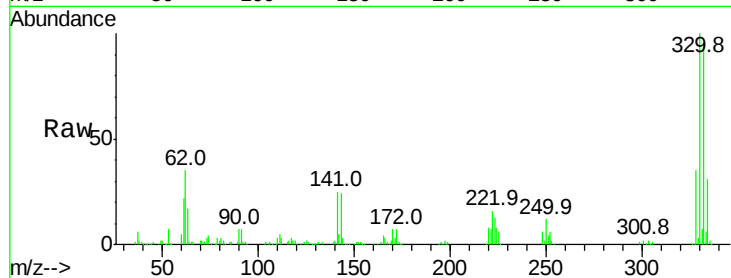




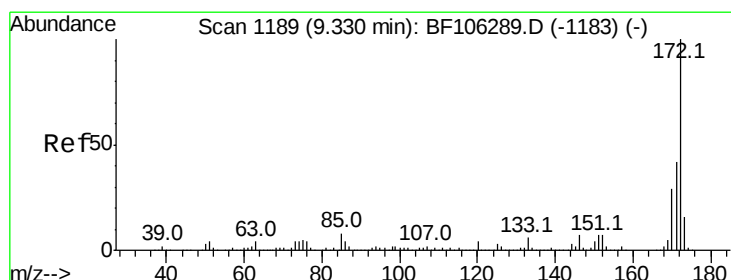
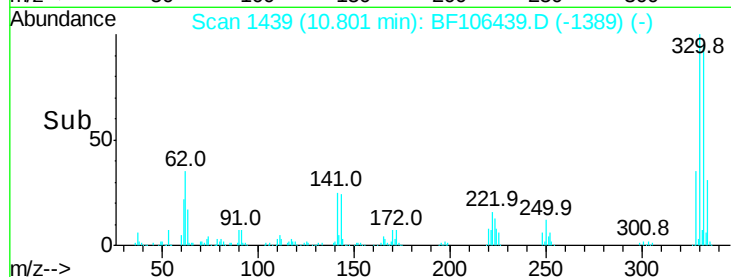
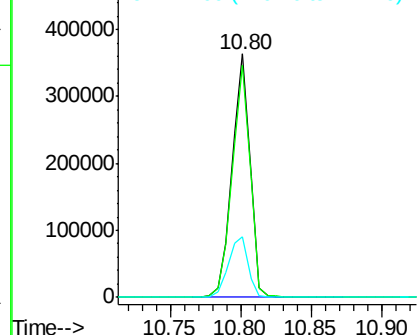
#41
 2,4,6-Tribromophenol
 Concen: 155.098 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106439.D
 Acq: 14 Jun 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110197BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	27.3	29.9	44.9#

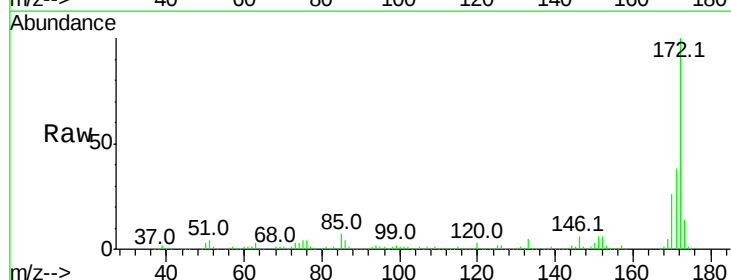


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

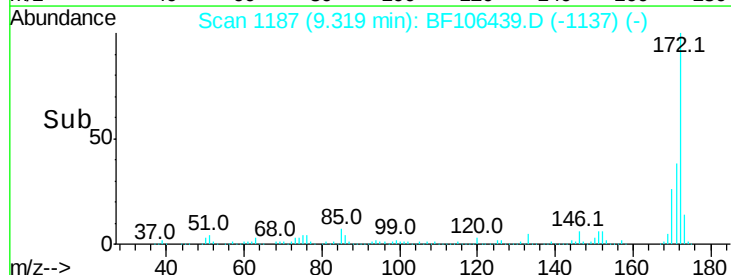
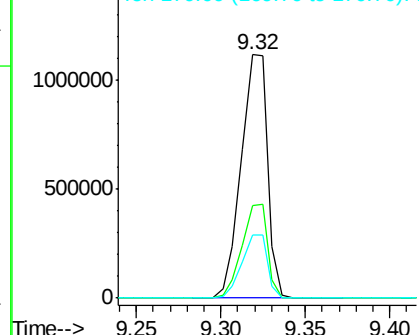


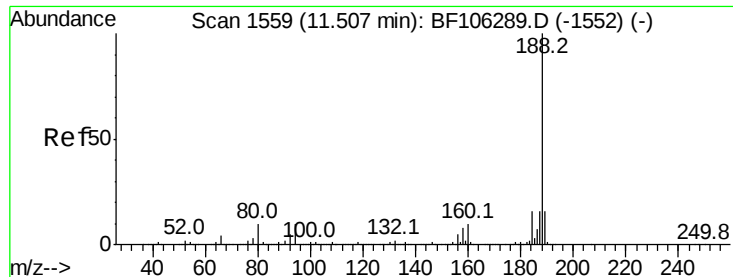
#44
 2-Fluorobiphenyl
 Concen: 109.678 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106439.D
 Acq: 14 Jun 2018 13:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	26.0	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

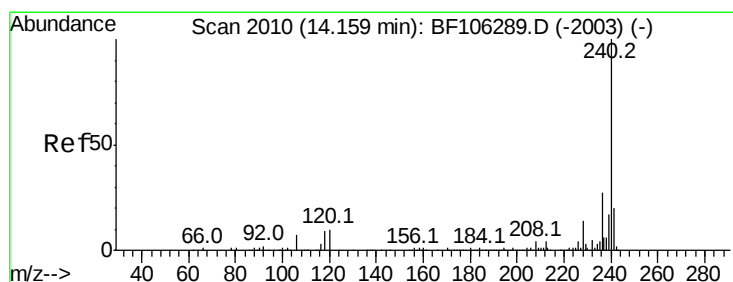
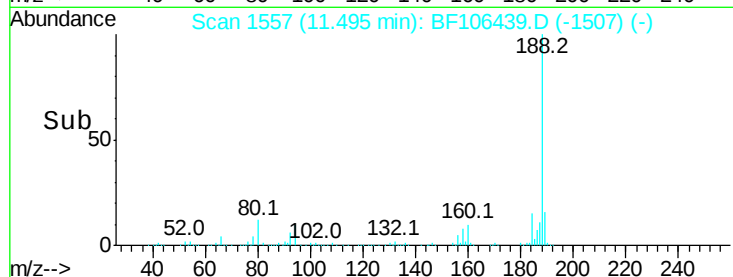
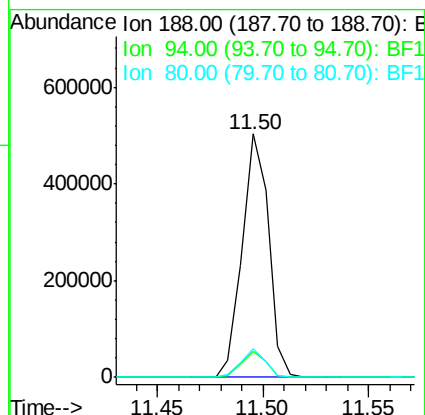
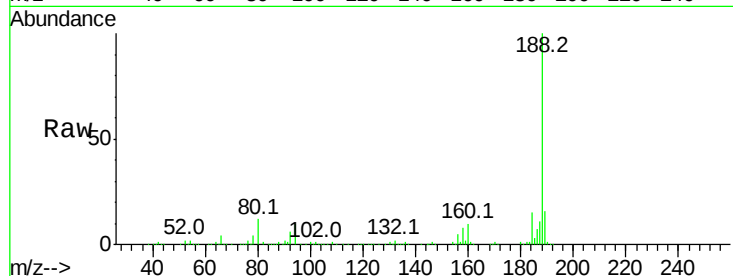




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

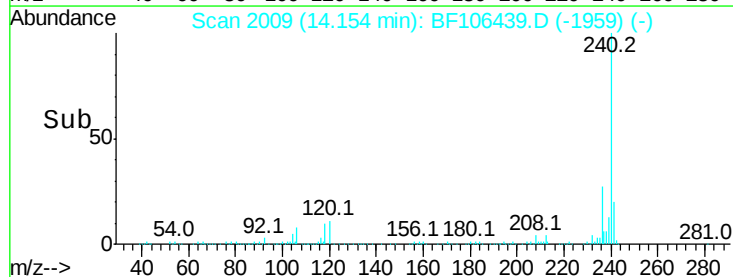
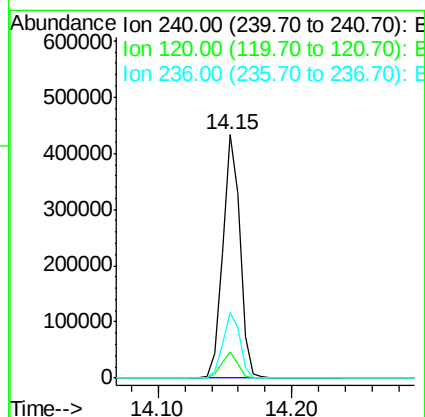
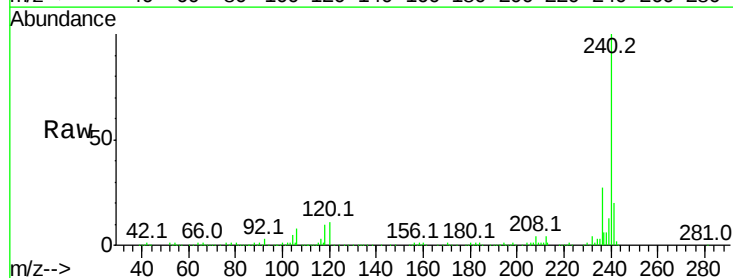
Instrument :
BNA_F
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PB110197BL

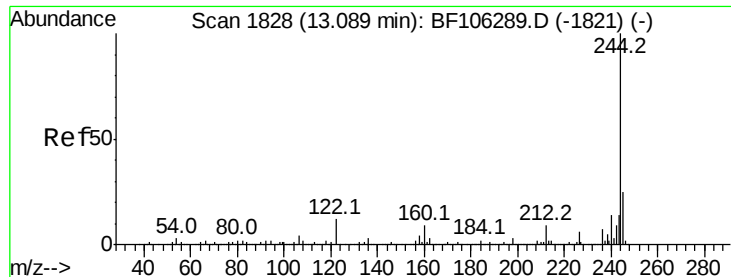
Tot Ion:188 Resp: 433984
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106439.D
Acq: 14 Jun 2018 13:56

Tgt Ion:240 Resp: 396355
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 27.1 20.7 31.1





#78

Terphenyl-d14

Concen: 88.064 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF106439.D

Acq: 14 Jun 2018 13:56

Instrument :

BNA_F

ClientSampleId :

PB110197BL

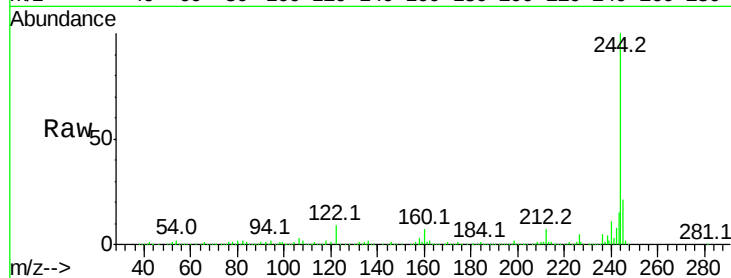
Tot Ion:244 Resp: 1405307

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

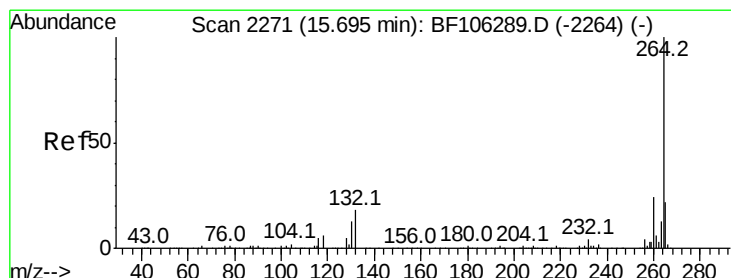
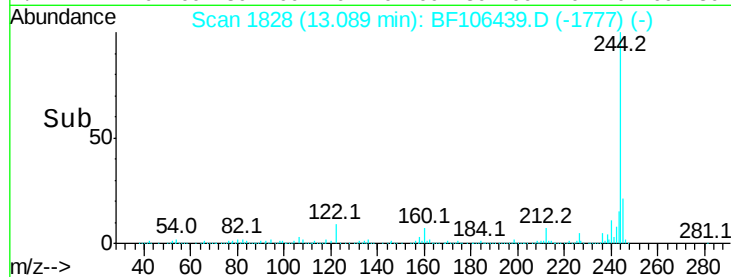
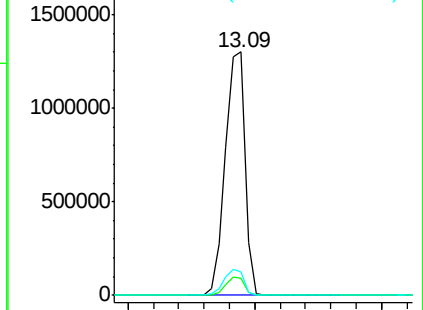
122 9.4 11.0 16.4#



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: 15.71 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF106439.D

Acq: 14 Jun 2018 13:56

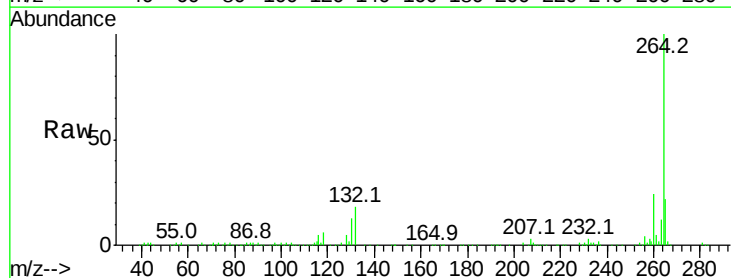
Tgt Ion:264 Resp: 311407

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 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

