

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106381.D
 Acq On : 13 Jun 2018 8:51
 Operator : JU/SJ
 Sample : J3396-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-09

Quant Time: Jun 13 10:58:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

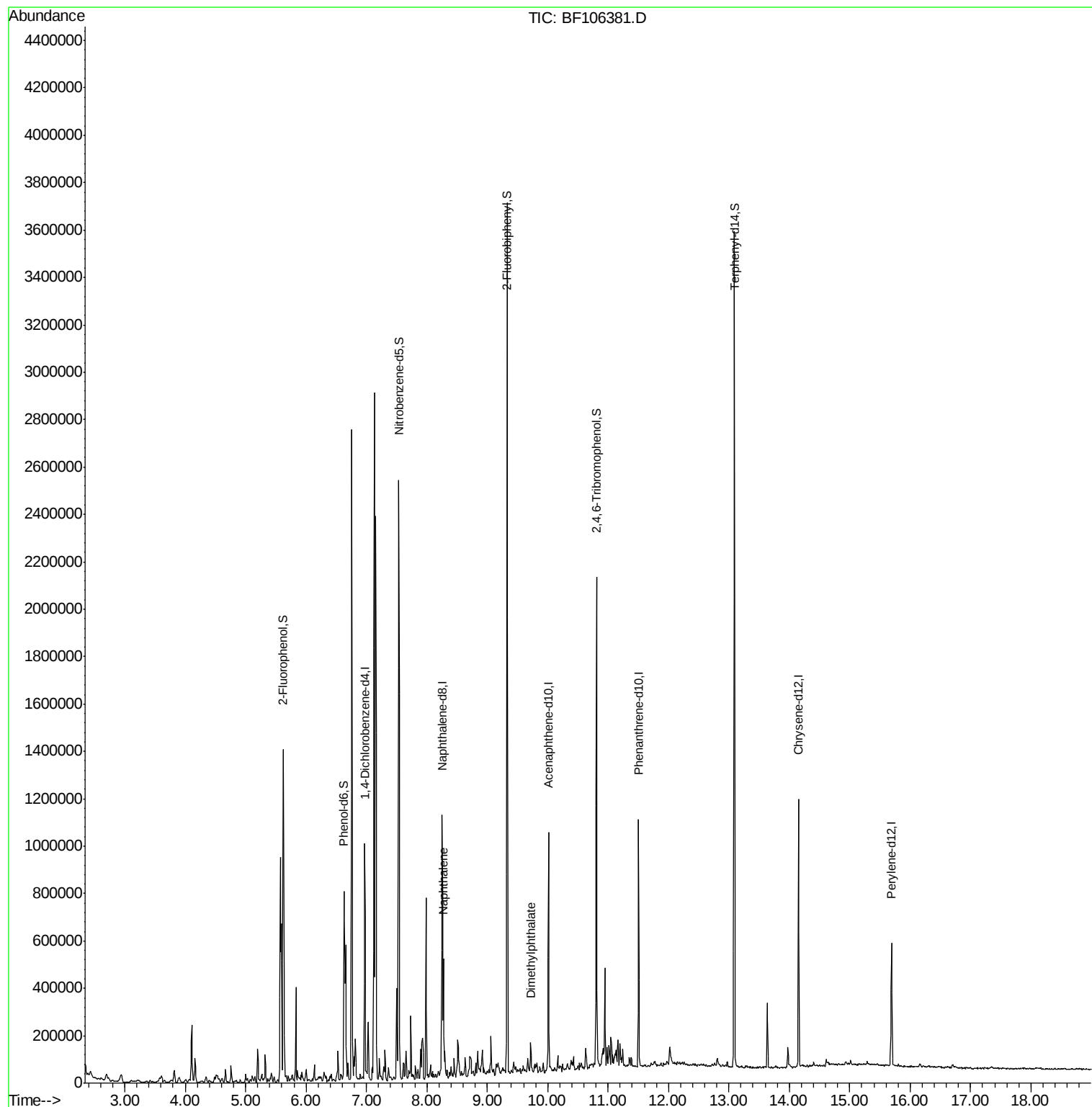
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	131516	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	431623	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	181013	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	359381	20.00	ng	0.00
75) Chrysene-d12	14.15	240	361841	20.00	ng	0.00
86) Perylene-d12	15.69	264	254348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	495281	63.74	ng	0.00
7) Phenol-d6	6.63	99	361638	36.84	ng	0.00
23) Nitrobenzene-d5	7.54	82	726526	99.02	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	283117	162.56	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1123835	128.93	ng	0.00
78) Terphenyl-d14	13.10	244	1336906	91.77	ng	0.00
Target Compounds						
31) Naphthalene	8.28	128	164899	8.451	ng	99
49) Dimethylphthalate	9.72	163	35014	2.707	ng	98

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

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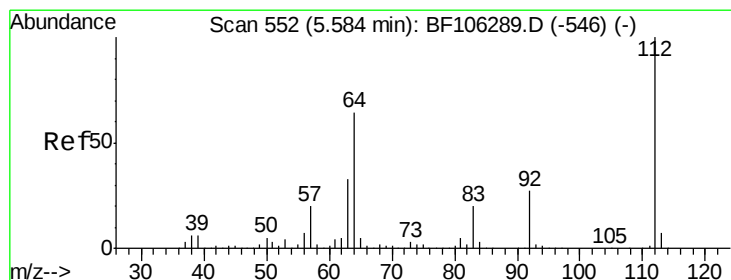
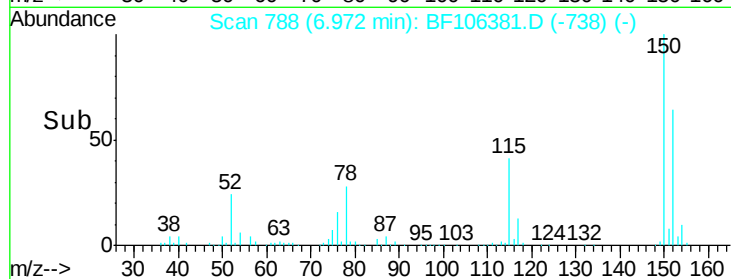
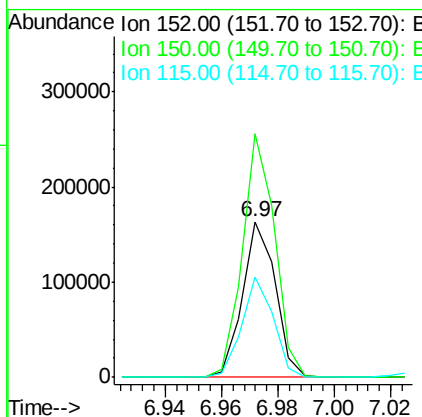
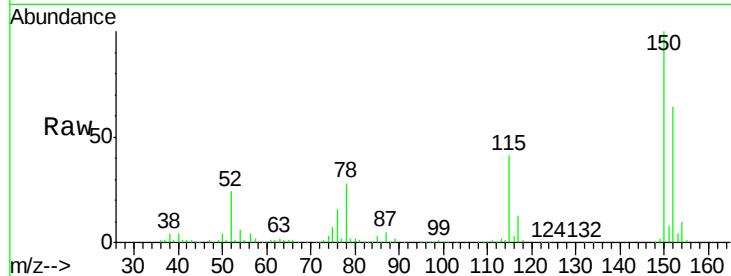


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

Instrument :
BNA_F
ClientSampleId :
W-09

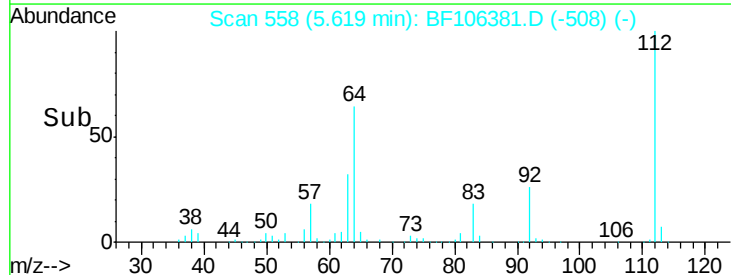
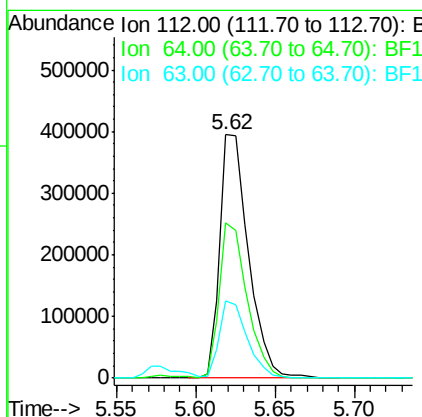
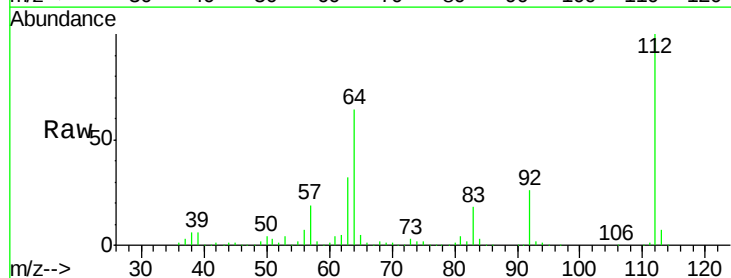
Tot Ion	152	Resp	131516
Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	64.2	50.1	75.1



#5

2-Fluorophenol
Concen: 63.738 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

Tgt Ion	112	Resp	495281
Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	31.7	23.7	35.5





#7

Phenol-d6

Concen: 36.837 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF106381.D

Acq: 13 Jun 2018 8:51

Instrument :

BNA_F

ClientSampleId :

W-09

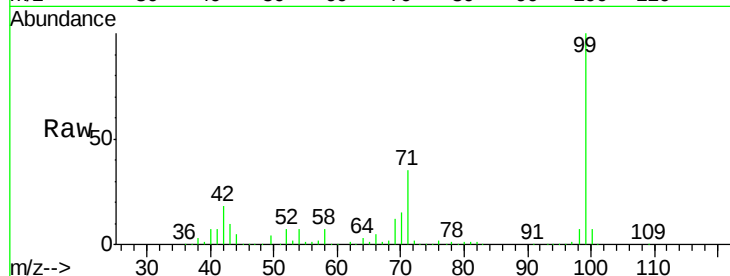
Tot Ion: 99 Resp: 361638

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

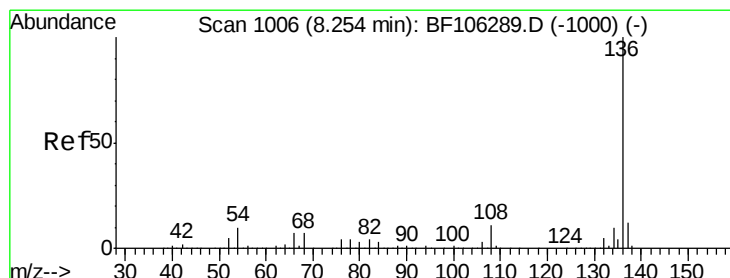
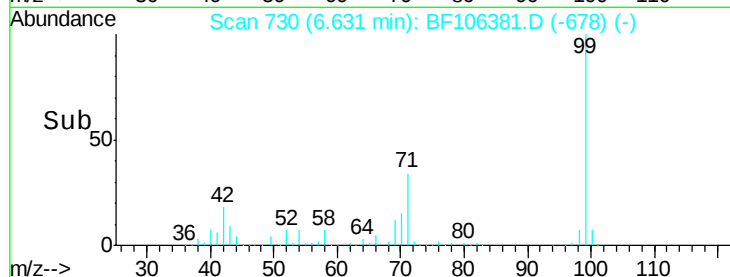
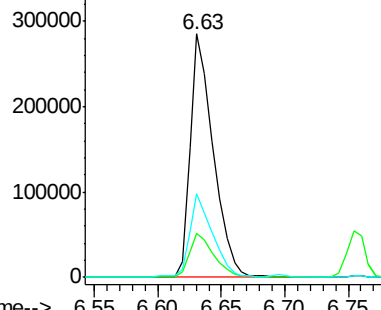
71 34.5 25.4 38.0



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. -0.01 min

Lab File: BF106381.D

Acq: 13 Jun 2018 8:51

Tgt Ion: 136 Resp: 431623

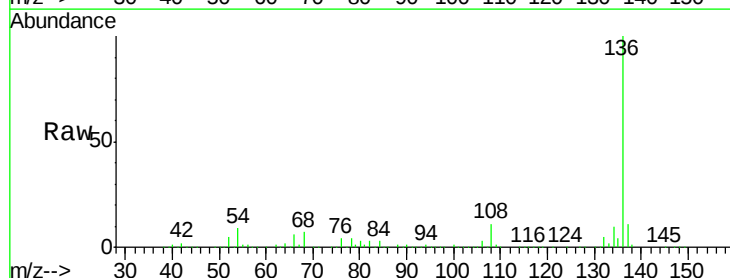
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 6.7 5.0 7.4

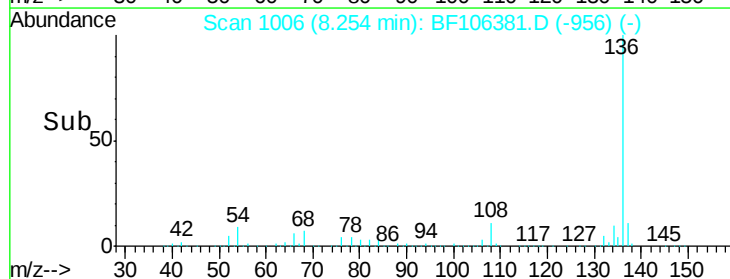
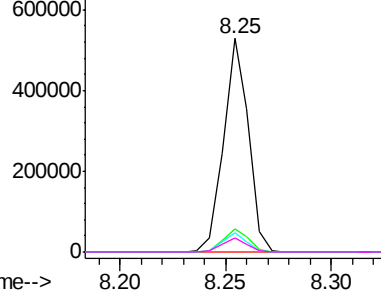


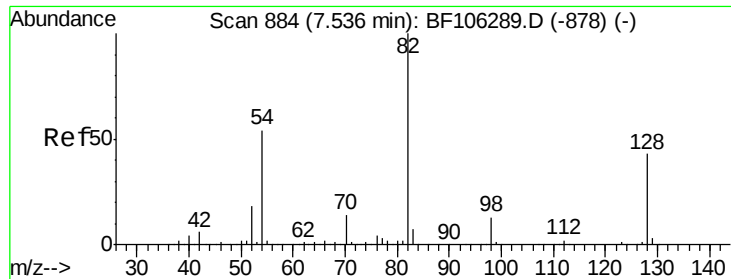
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

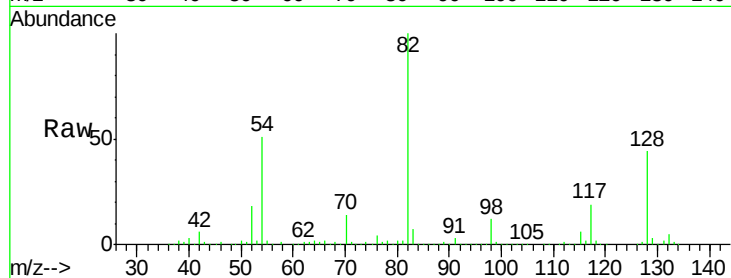




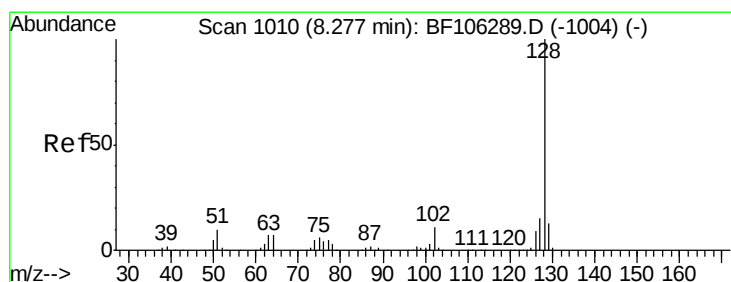
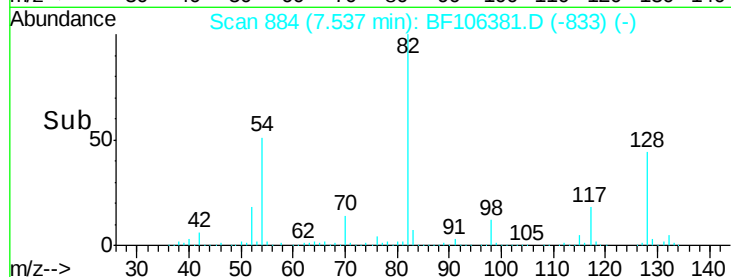
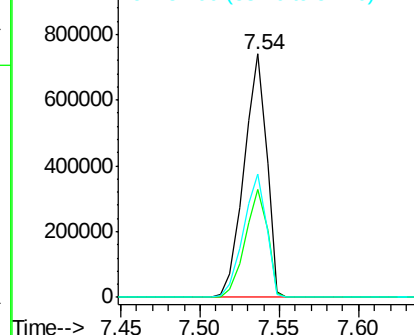
#23
Nitrobenzene-d5
Concen: 99.023 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

Instrument :
BNA_F
ClientSampled :
W-09

Tot Ion	82	Resp	726526
Ion Ratio	Lower	Upper	
82	100		
128	44.1	36.1	54.1
54	50.7	41.4	62.2

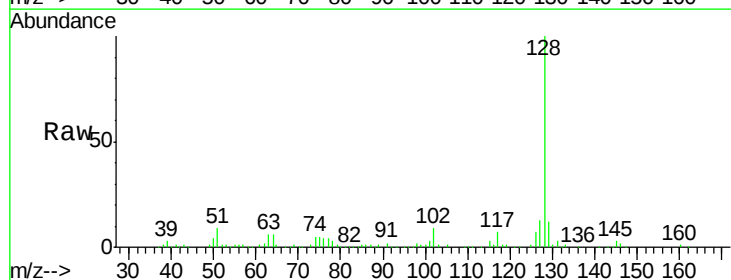


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

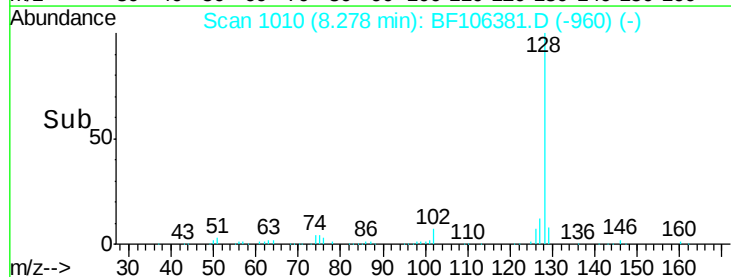
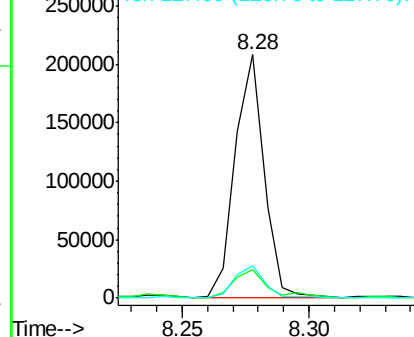


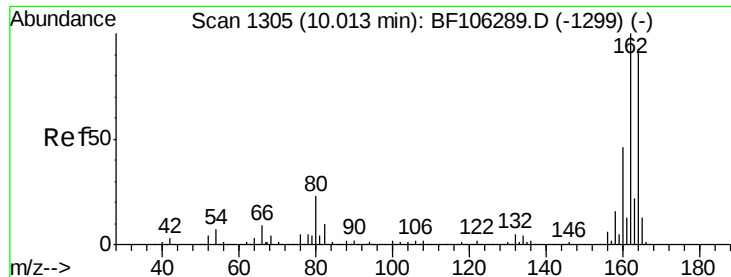
#31
Naphthalene
Concen: 8.451 ng
RT: 8.28 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

Tgt Ion	128	Resp	164899
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.8	13.2
127	13.3	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1

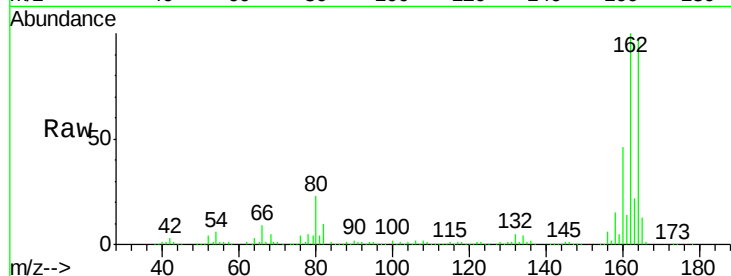




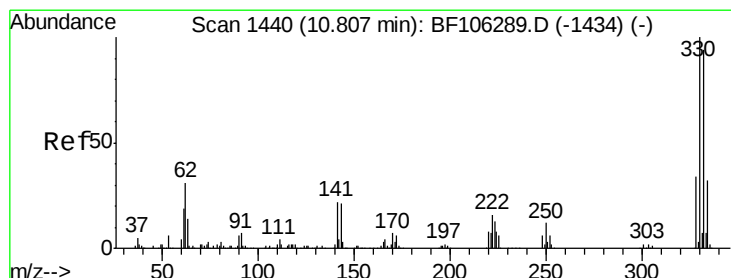
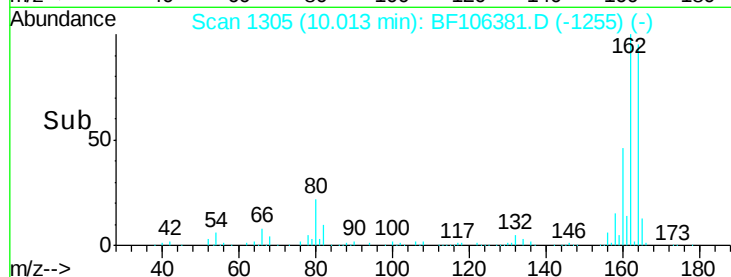
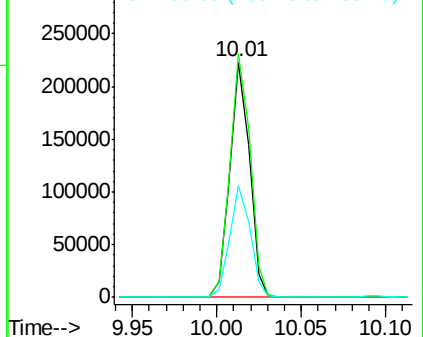
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

Instrument :
BNA_F
ClientSampleId :
W-09

Tot Ion:164 Resp: 181013
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 47.6 38.3 57.5

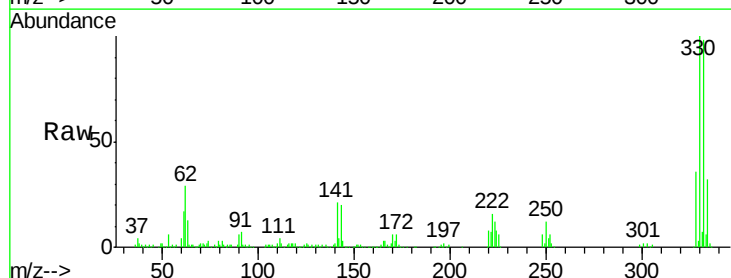


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

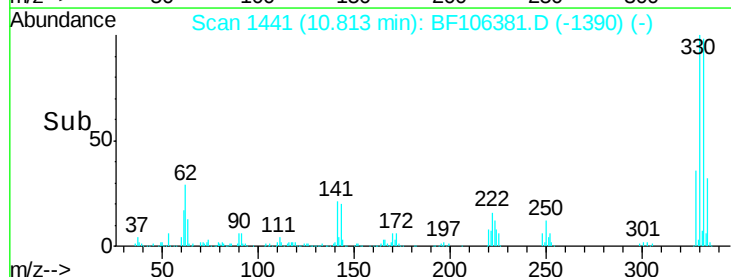
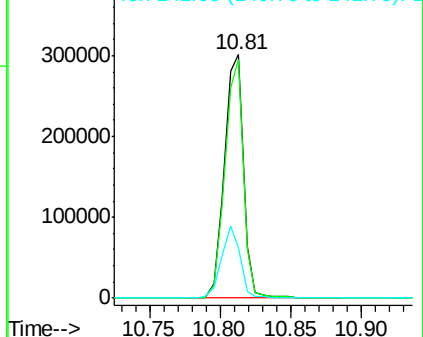


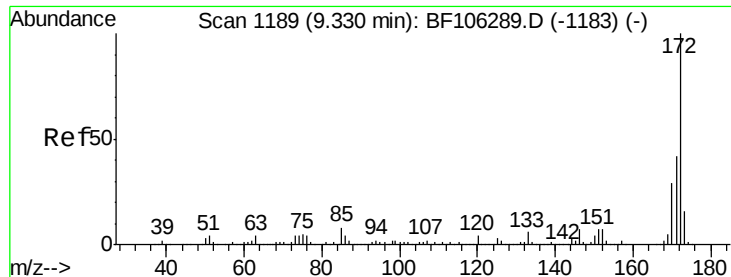
#41
2,4,6-Tribromophenol
Concen: 162.556 ng
RT: 10.81 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

Tgt Ion:330 Resp: 283117
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 28.5 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

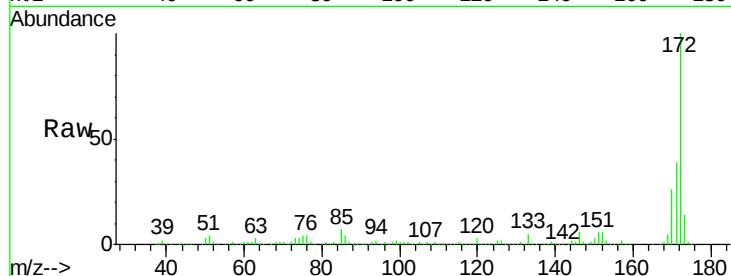




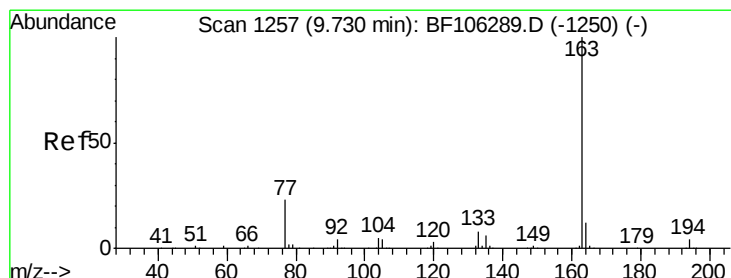
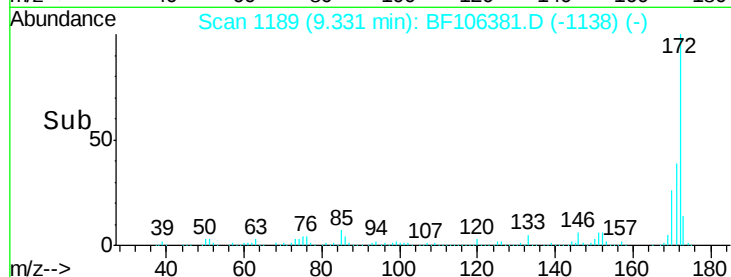
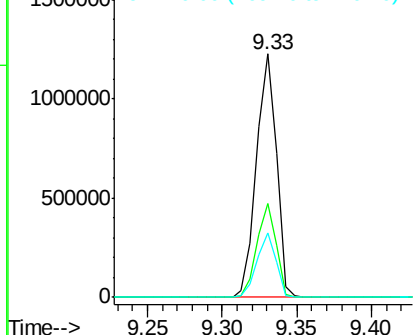
#44
2-Fluorobiphenyl
Concen: 128.930 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

Instrument :
BNA_F
ClientSampleId :
W-09

Tot Ion:172 Resp: 1123835
Ion Ratio Lower Upper
172 100
171 38.6 29.7 44.5
170 26.4 19.6 29.4

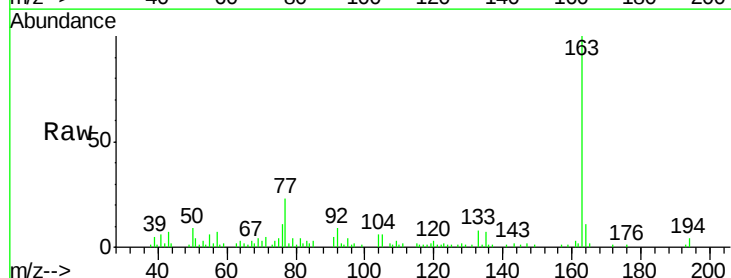


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

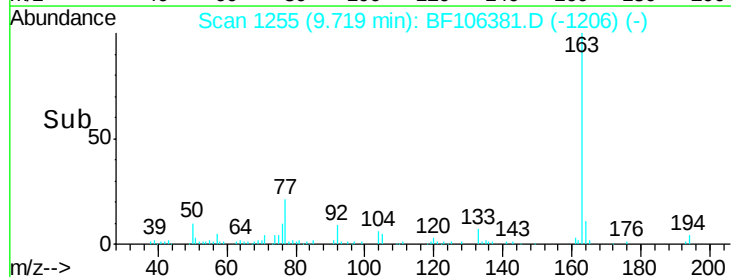
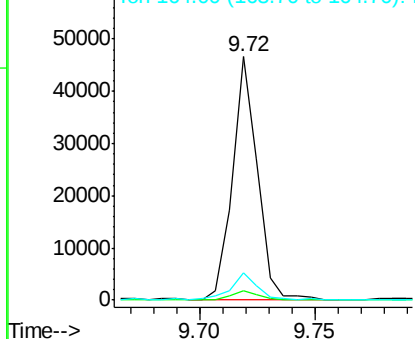


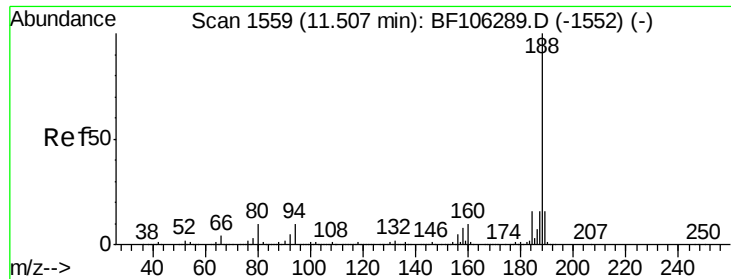
#49
Dimethylphthalate
Concen: 2.707 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

Tgt Ion:163 Resp: 35014
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.2 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

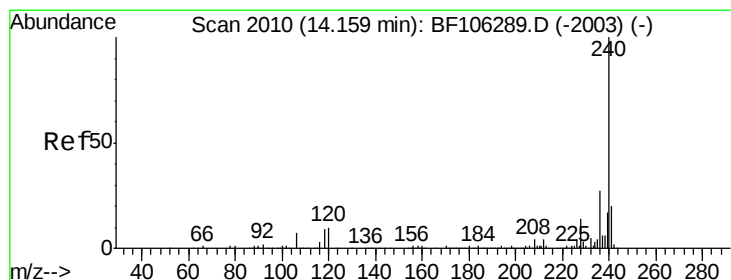
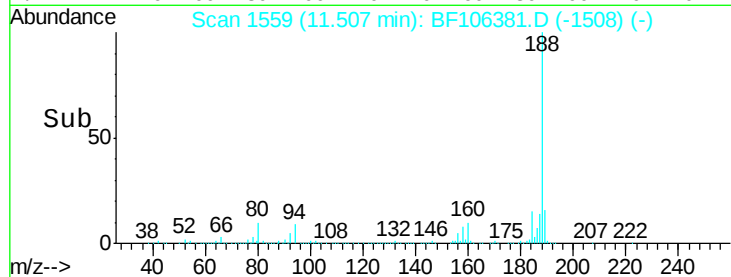
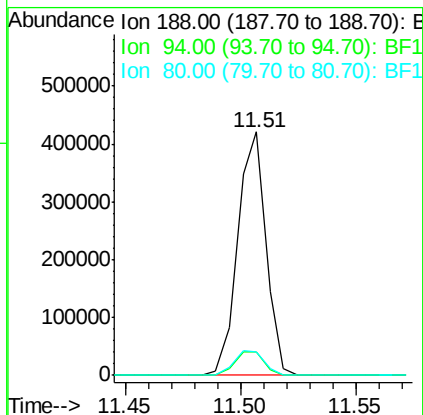
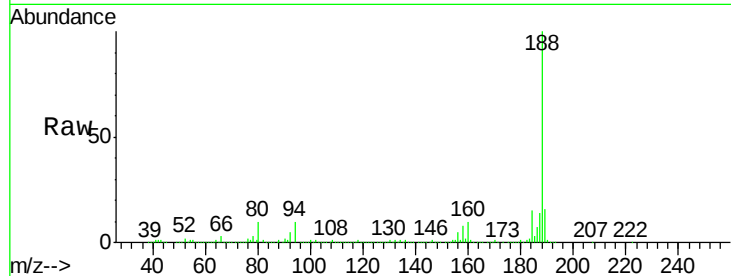




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

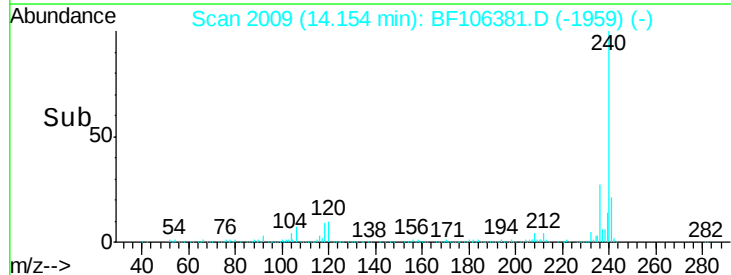
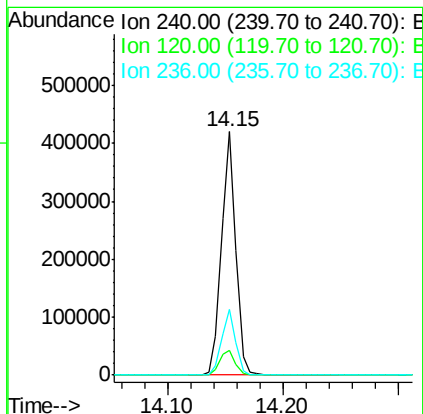
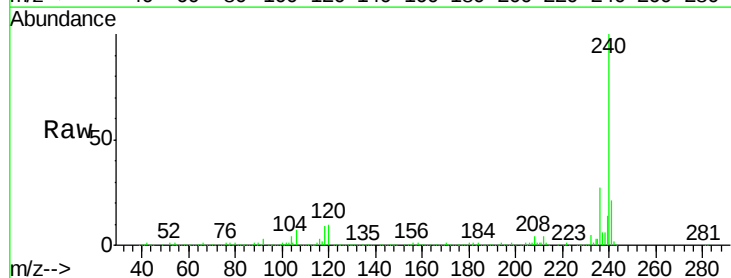
Instrument :
BNA_F
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W-09

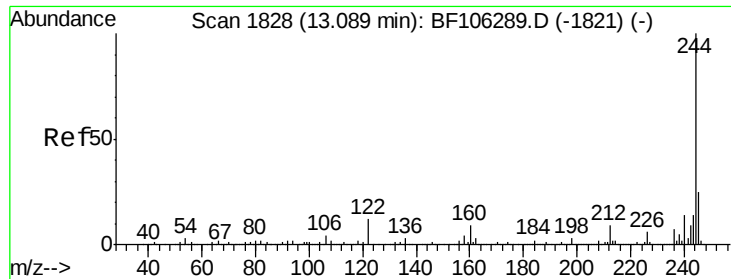
Tot Ion:188 Resp: 359381
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106381.D
Acq: 13 Jun 2018 8:51

Tgt Ion:240 Resp: 361841
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 26.9 20.7 31.1

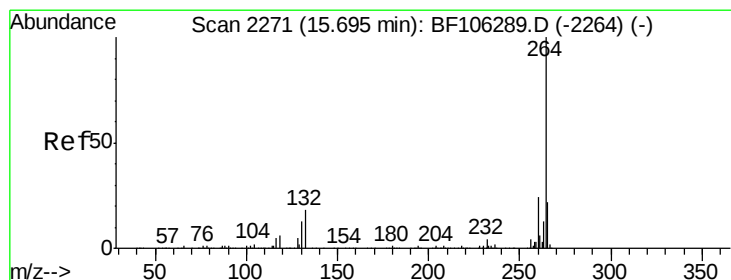
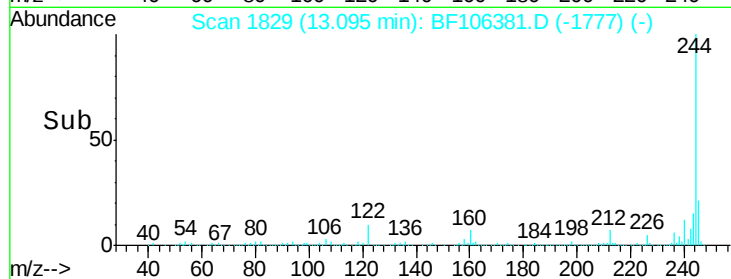
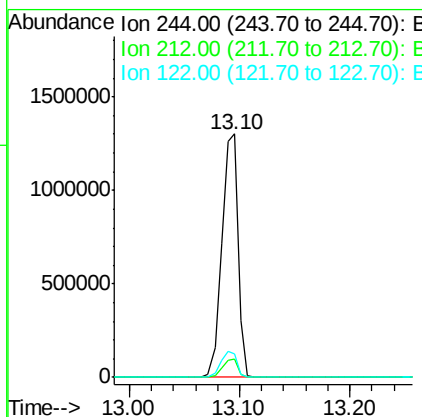
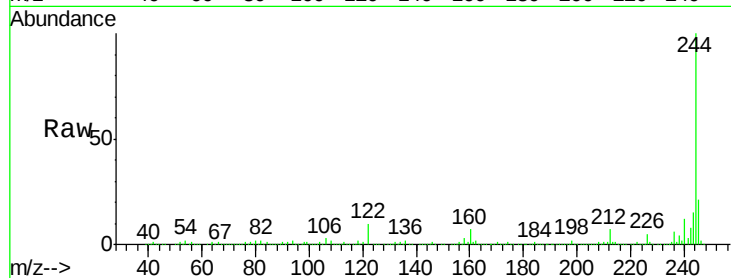




#78
 Terphenyl-d14
 Concen: 91.769 ng
 RT: 13.10 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BF106381.D
 Acq: 13 Jun 2018 8:51

Instrument :
 BNA_F
 ClientSampleId :
 W-09

Tot Ion:244 Resp: 1336906
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 9.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF106381.D
 Acq: 13 Jun 2018 8:51

Tgt Ion:264 Resp: 254348
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.3 17.5 26.3

