

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106420.D
 Acq On : 14 Jun 2018 4:49
 Operator : JU/SJ
 Sample : J3398-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-05

Quant Time: Jun 14 07:05:45 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

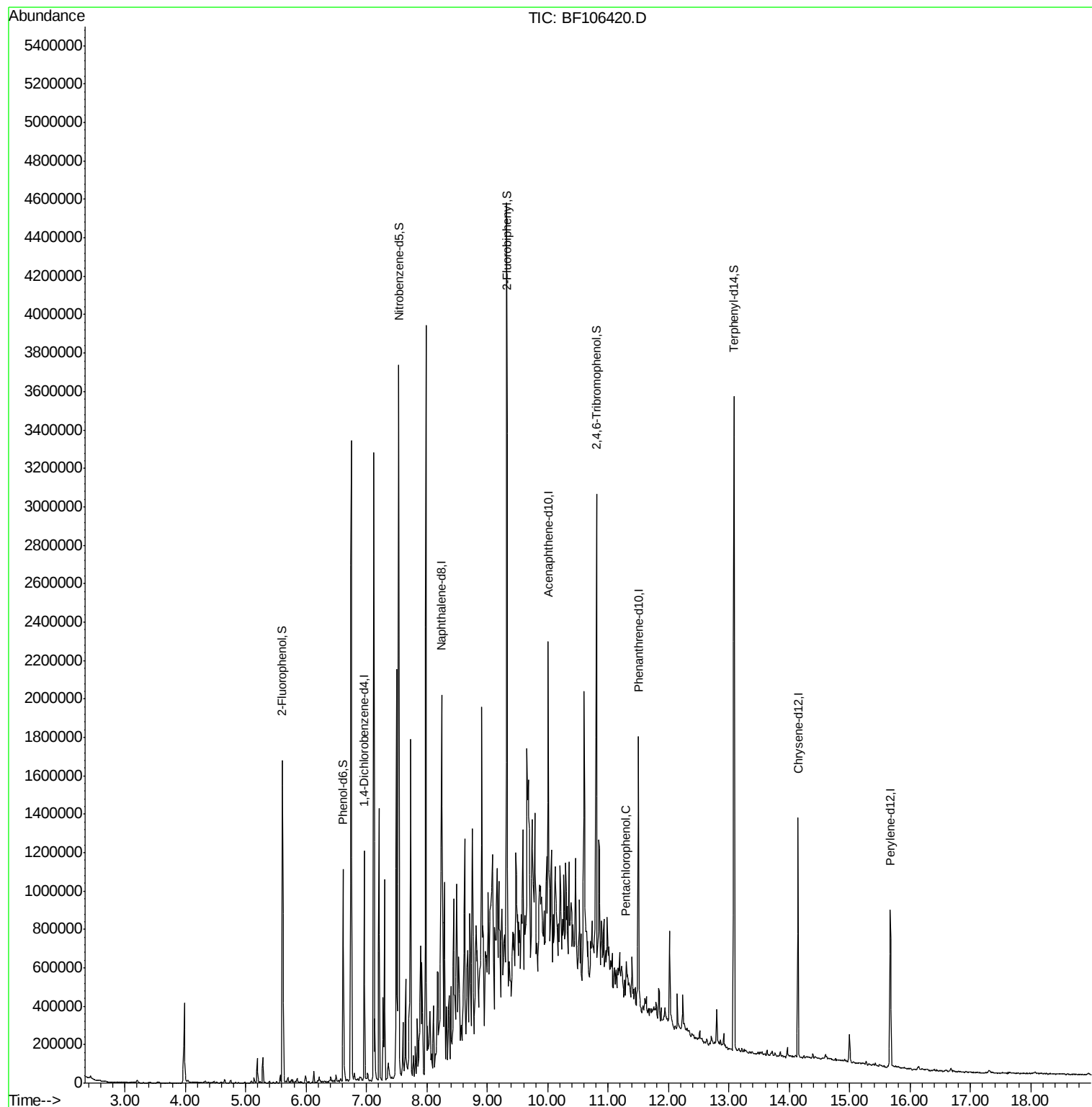
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150734	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	563534	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	279402	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	502100	20.00	ng	0.00
75) Chrysene-d12	14.14	240	395671	20.00	ng	-0.02
86) Perylene-d12	15.67	264	382971	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	543341	61.01	ng	-0.02
7) Phenol-d6	6.61	99	434773	38.64	ng	-0.01
23) Nitrobenzene-d5	7.53	82	787434	82.20	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	389502	144.89	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1374224	88.47	ng	0.00
78) Terphenyl-d14	13.08	244	1327558	83.34	ng	0.00
Target Compounds						
69) Pentachlorophenol	11.31	266	16453	4.539	ng	Qvalue 97

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

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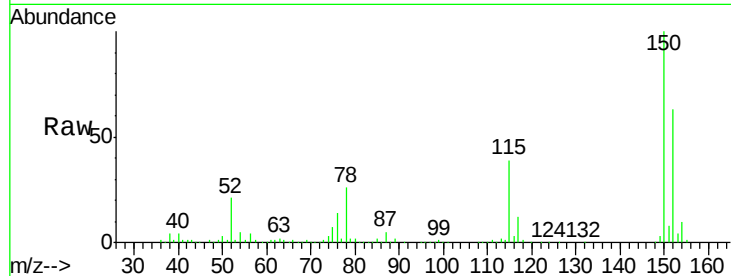


#1

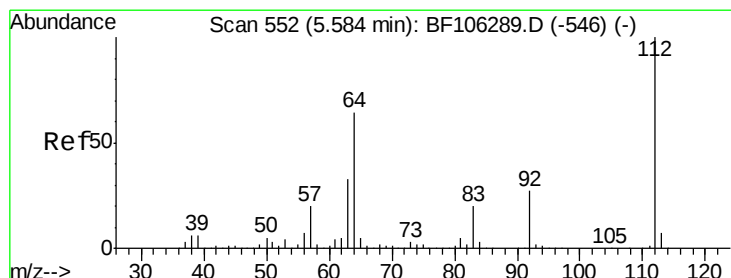
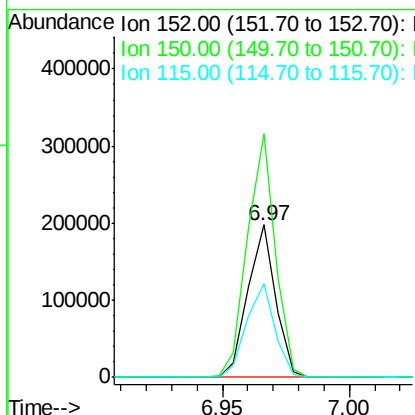
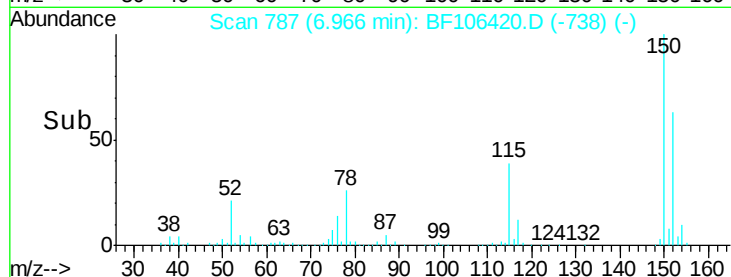
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106420.D
Acq: 14 Jun 2018 4:49

Instrument :
BNA_F
ClientSampleId :
W-05

Tot Ion:152 Resp: 150734
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 62.0 50.1 75.1



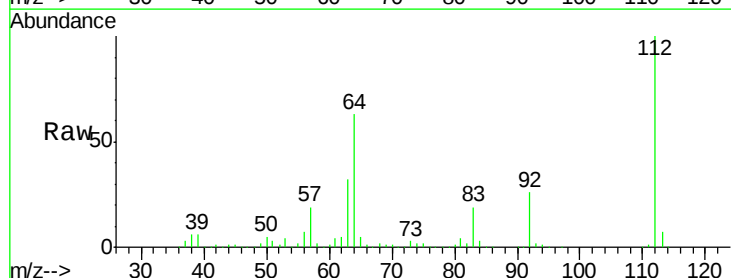
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



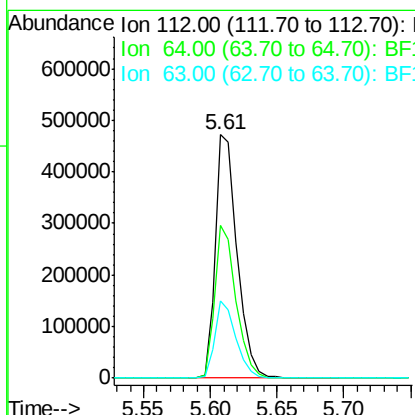
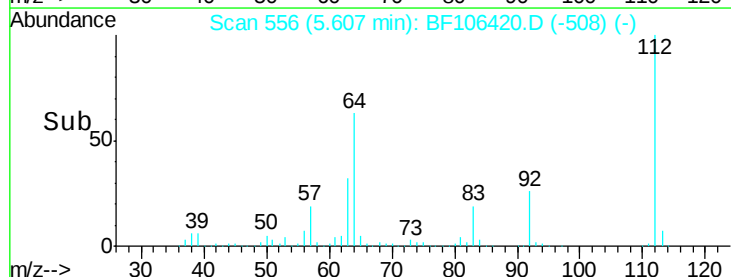
#5

2-Fluorophenol
Concen: 61.008 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF106420.D
Acq: 14 Jun 2018 4:49

Tgt Ion:112 Resp: 543341
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 31.9 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: 38.640 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106420.D

Acq: 14 Jun 2018 4:49

Instrument :

BNA_F

ClientSampled :

W-05

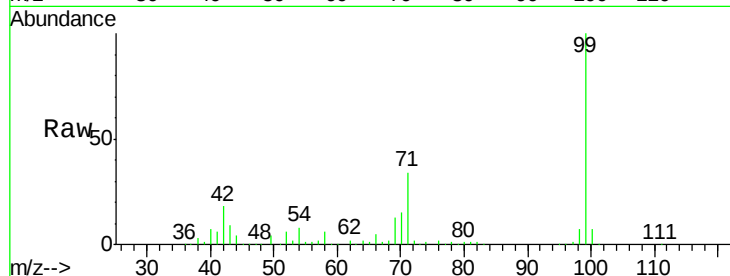
Tot Ion: 99 Resp: 434773

Ion Ratio Lower Upper

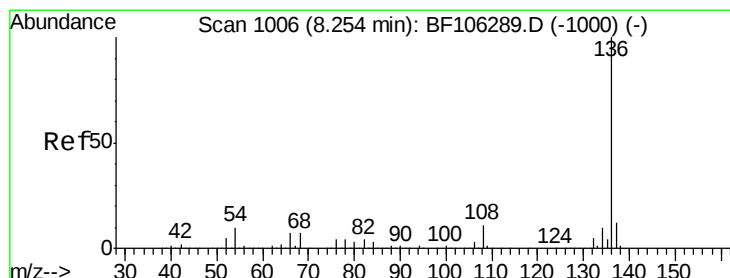
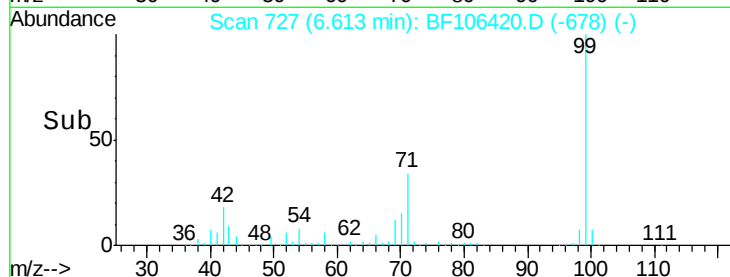
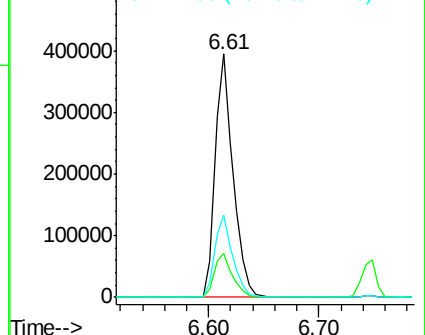
99 100

42 18.2 14.5 21.7

71 34.1 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: BF106420.D

Acq: 14 Jun 2018 4:49

Tgt Ion: 136 Resp: 563534

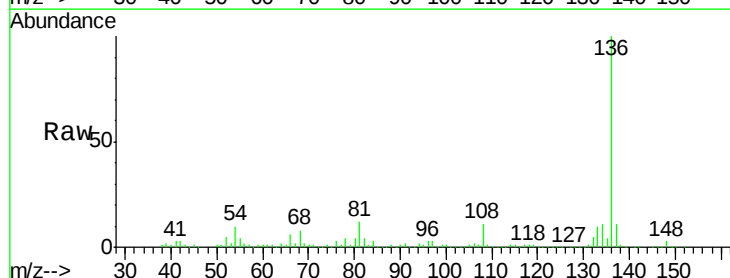
Ion Ratio Lower Upper

136 100

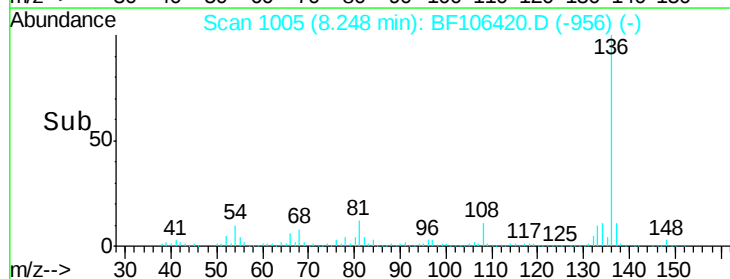
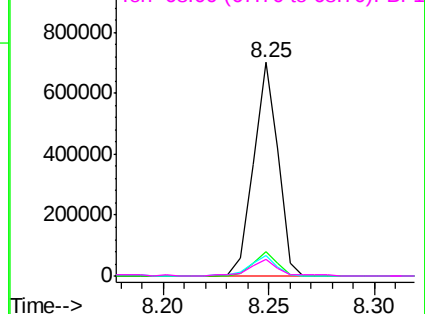
137 11.2 8.9 13.3

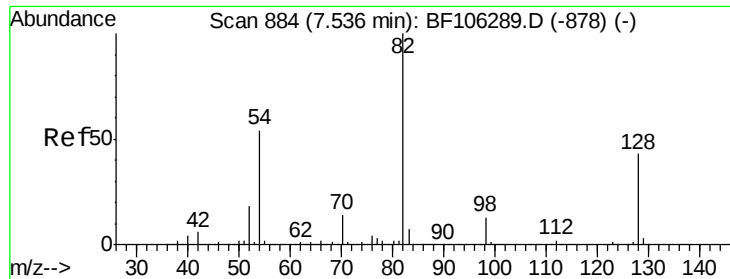
54 9.7 6.6 9.8

68 7.7 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

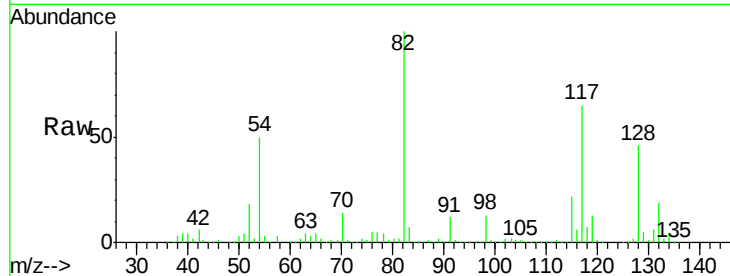




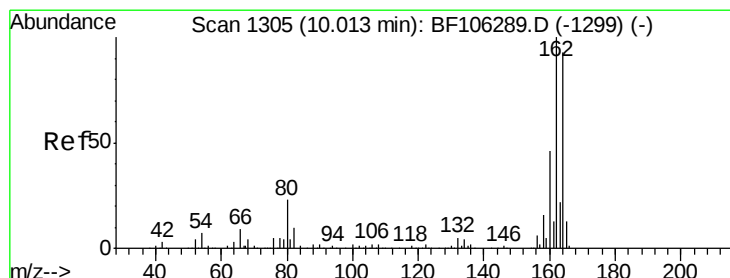
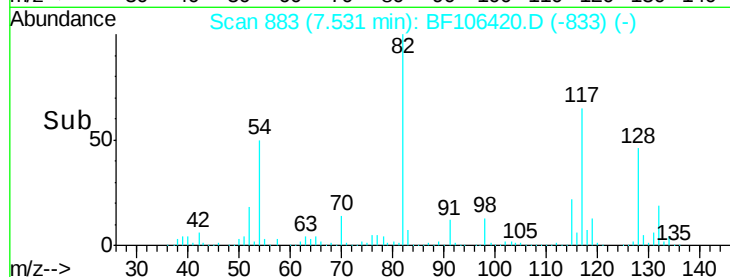
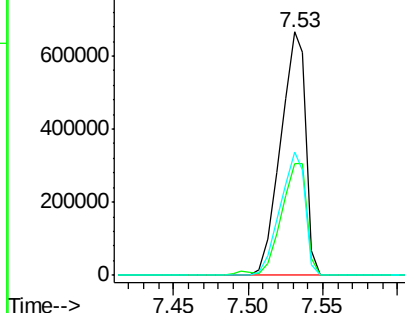
#23
Nitrobenzene-d5
Concen: 82.202 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106420.D
Acq: 14 Jun 2018 4:49

Instrument :
BNA_F
ClientSampleId :
W-05

Tot Ion: 82 Resp: 787434
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 50.4 41.4 62.2

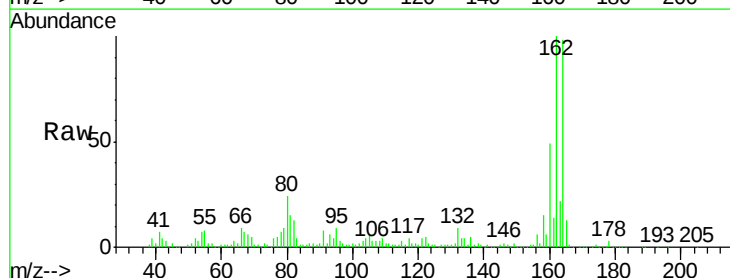


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

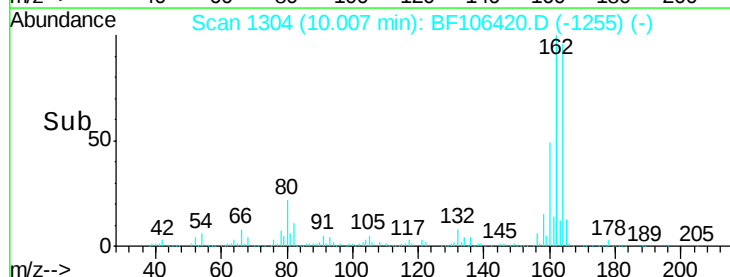
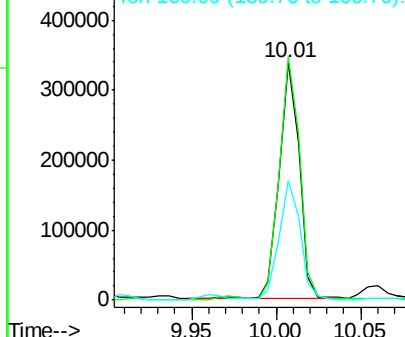


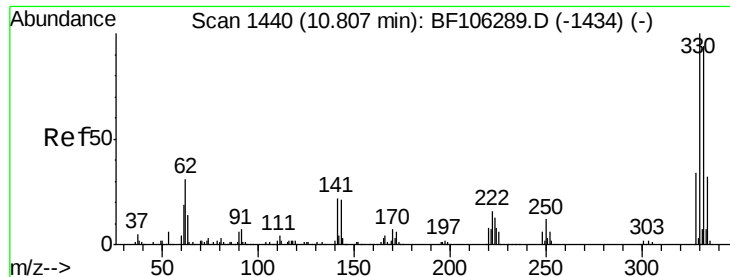
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106420.D
Acq: 14 Jun 2018 4:49

Tgt Ion:164 Resp: 279402
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 50.0 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

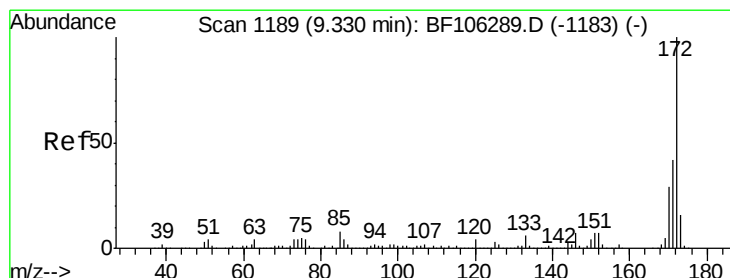
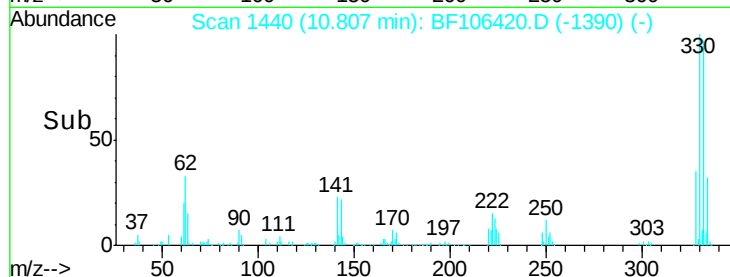
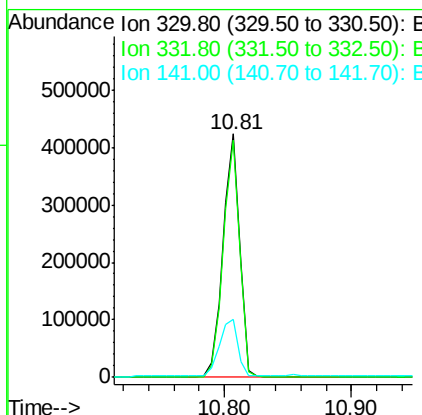
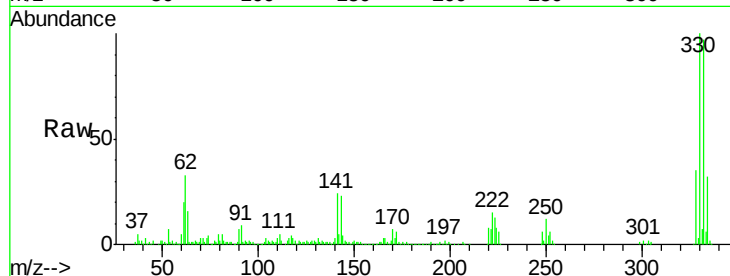




#41
 2,4,6-Tribromophenol
 Concen: 144.886 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF106420.D
 Acq: 14 Jun 2018 4:49

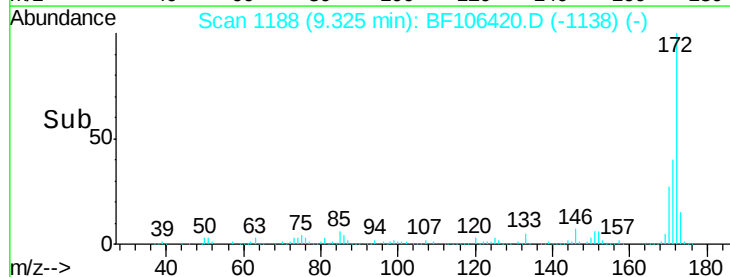
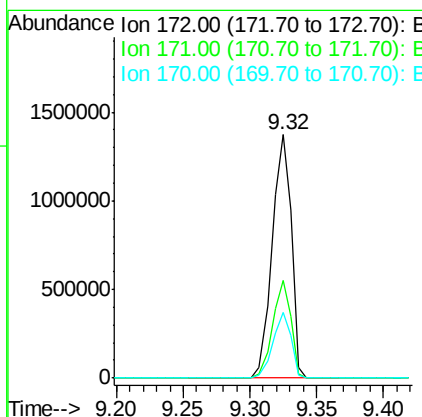
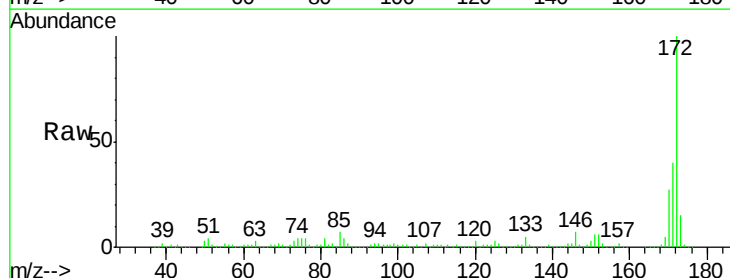
Instrument :
 BNA_F
 ClientSampleId :
 W-05

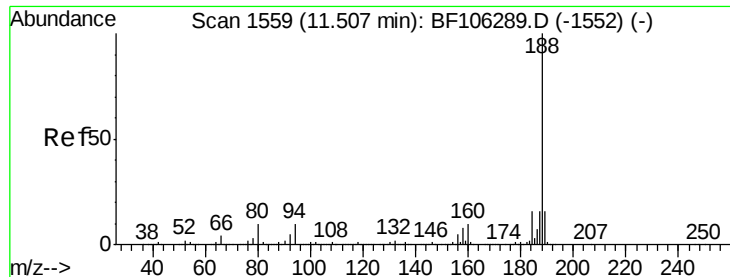
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	25.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 88.474 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106420.D
 Acq: 14 Jun 2018 4:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	29.7	44.5
170	27.1	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF106420.D

Acq: 14 Jun 2018 4:49

Instrument :

BNA_F

ClientSampleId :

W-05

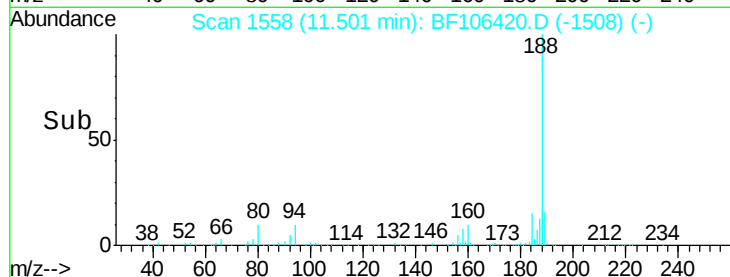
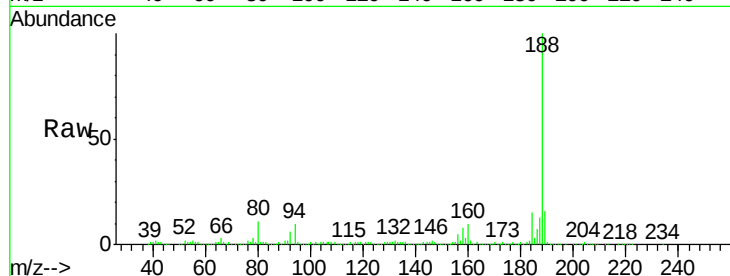
Tot Ion:188 Resp: 502100

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

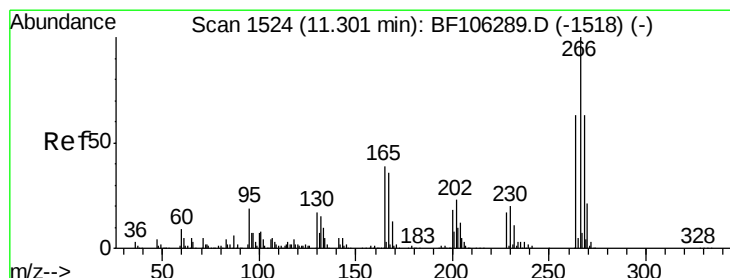
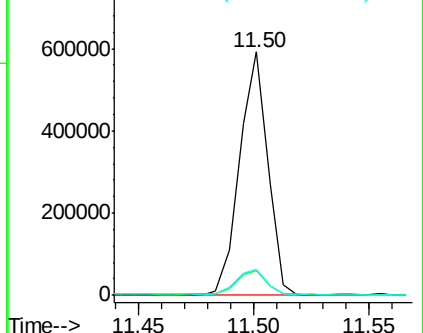
80 10.8 9.2 13.8



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



#69

Pentachlorophenol

Concen: 4.539 ng

RT: 11.31 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF106420.D

Acq: 14 Jun 2018 4:49

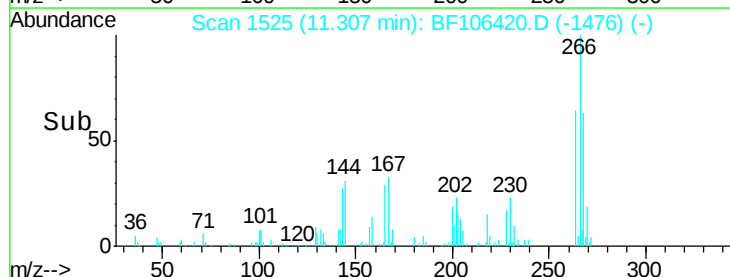
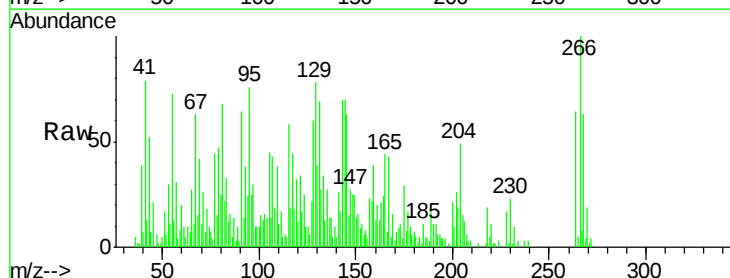
Tgt Ion:266 Resp: 16453

Ion Ratio Lower Upper

266 100

268 66.6 51.1 76.7

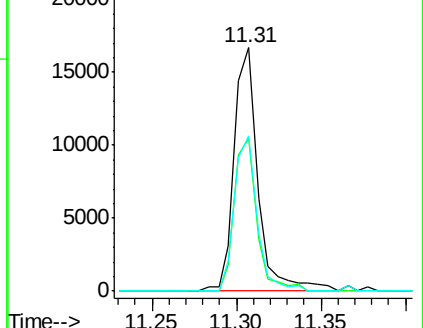
264 63.6 49.5 74.3

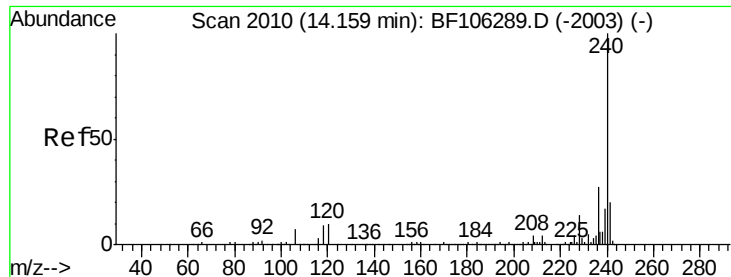


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106420.D

Acq: 14 Jun 2018 4:49

Instrument :

BNA_F

ClientSampleId :

W-05

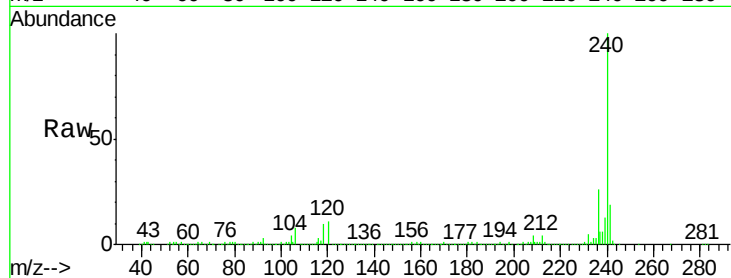
Tot Ion:240 Resp: 395671

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

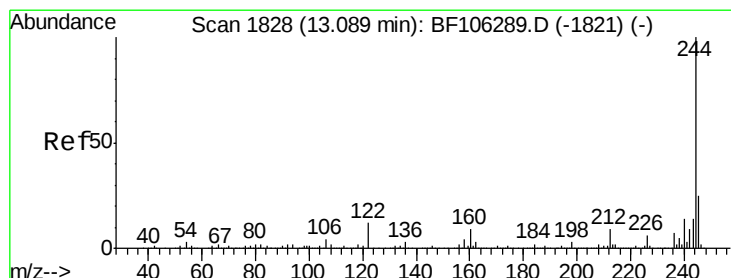
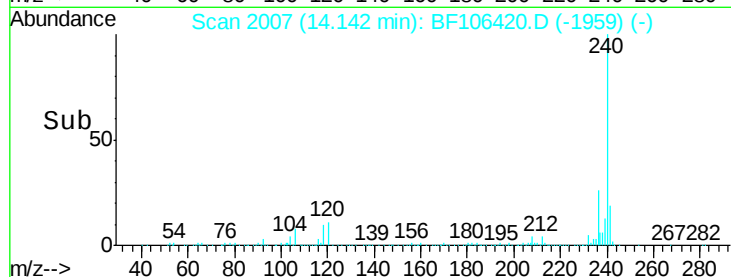
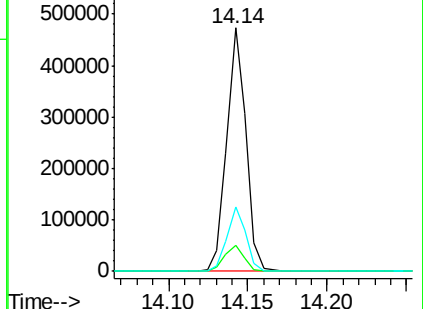
236 26.4 20.7 31.1



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: 83.336 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106420.D

Acq: 14 Jun 2018 4:49

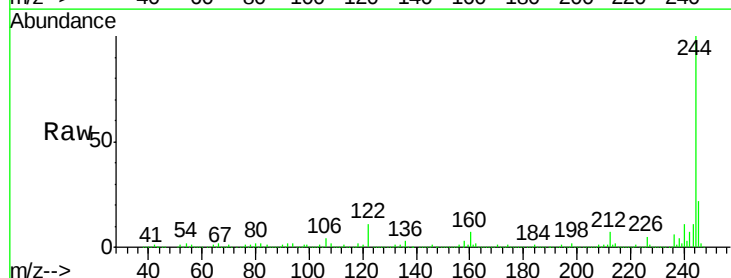
Tgt Ion:244 Resp: 1327558

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

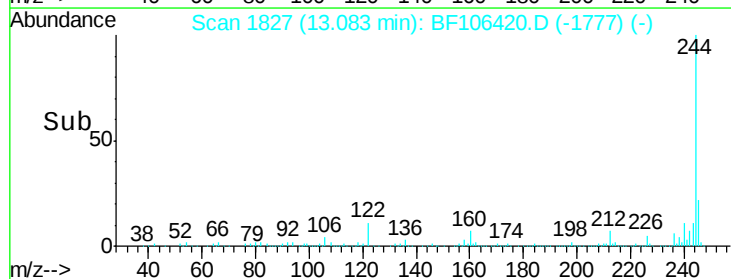
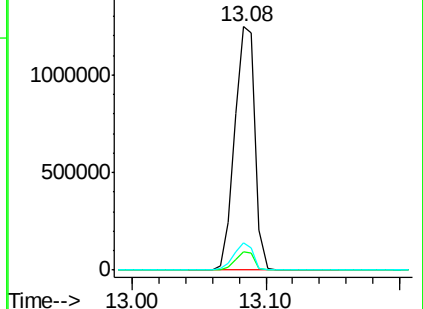
122 11.0 11.0 16.4

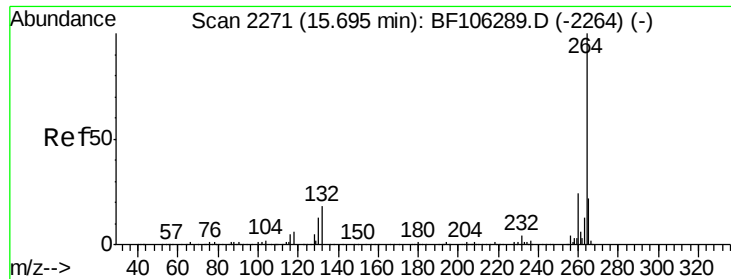


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

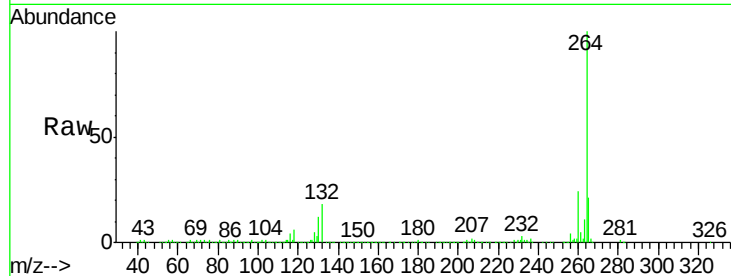




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF106420.D
 Acq: 14 Jun 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 W-05

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.9	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

