

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106379.D
 Acq On : 13 Jun 2018 7:58
 Operator : JU/SJ
 Sample : J3398-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-49

Quant Time: Jun 13 10:52:27 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

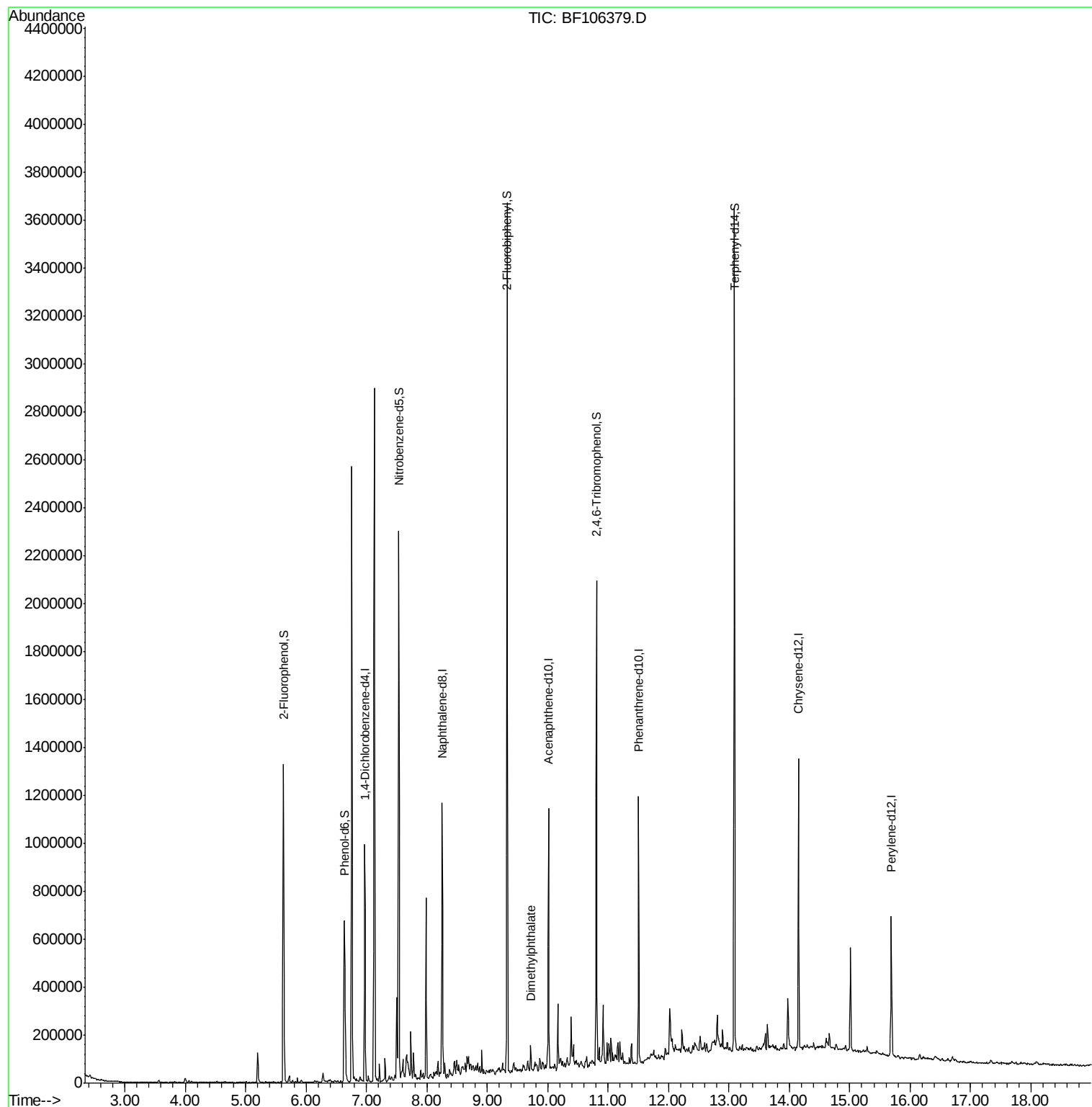
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130351	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	440813	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	190534	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	384046	20.00	ng	0.00
75) Chrysene-d12	14.15	240	388731	20.00	ng	0.00
86) Perylene-d12	15.69	264	278577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	449464	58.36	ng	0.00
7) Phenol-d6	6.64	99	332861	34.21	ng	0.01
23) Nitrobenzene-d5	7.54	82	688089	91.83	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	274582	149.78	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1085673	111.16	ng	0.00
78) Terphenyl-d14	13.09	244	1312198	83.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	32762	2.407	ng	Qvalue # 98

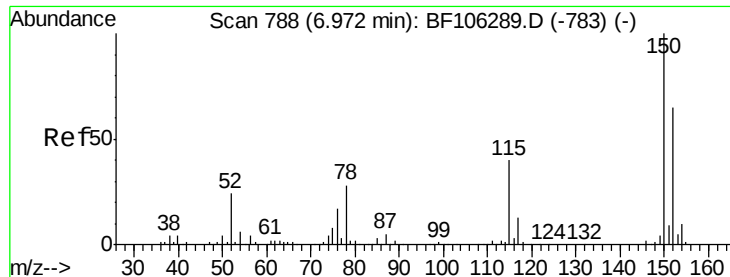
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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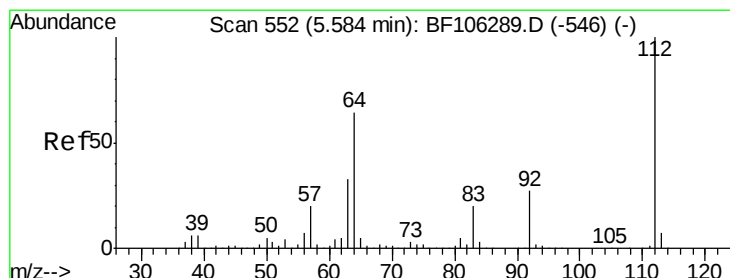
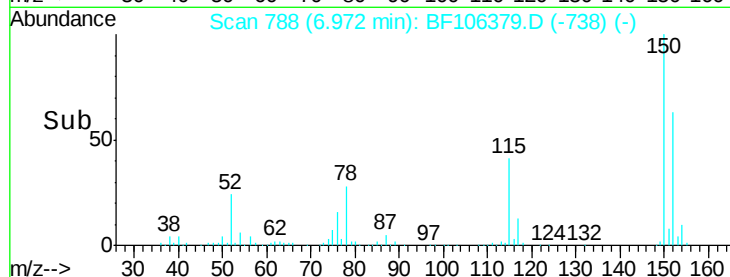
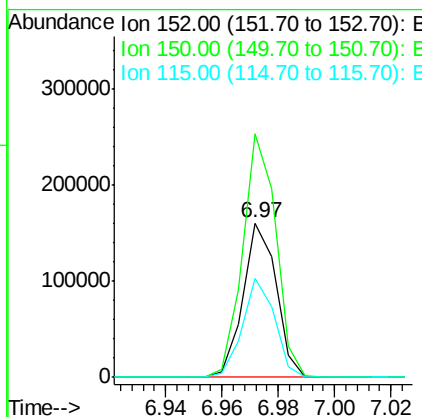
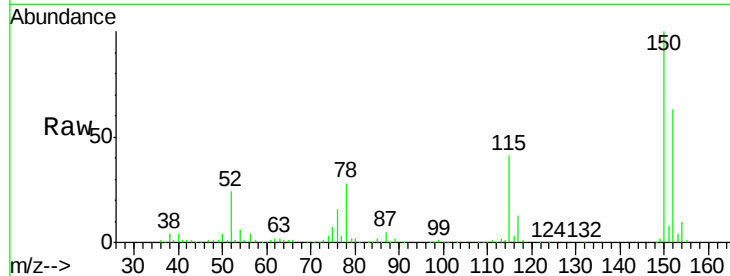


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF106379.D
Acq: 13 Jun 2018 7:58

Instrument :
BNA_F
ClientSampleId :
W-49

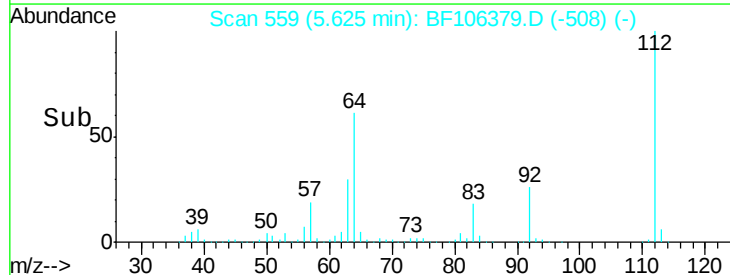
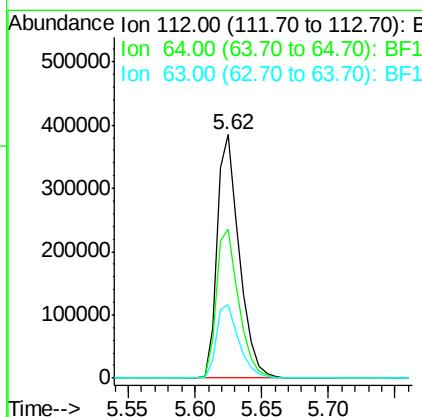
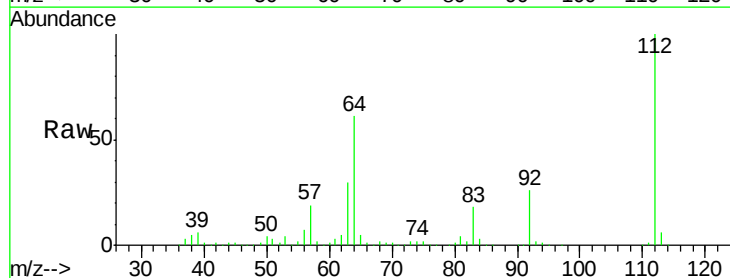
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	64.4	50.1	75.1

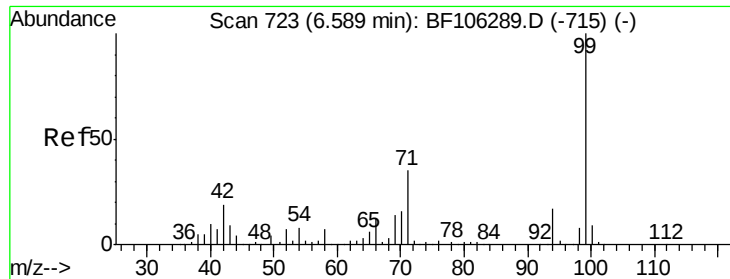


#5

2-Fluorophenol
Concen: 58.359 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF106379.D
Acq: 13 Jun 2018 7:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	30.1	23.7	35.5





#7

Phenol-d6

Concen: 34.208 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF106379.D

Acq: 13 Jun 2018 7:58

Instrument :

BNA_F

ClientSampleId :

W-49

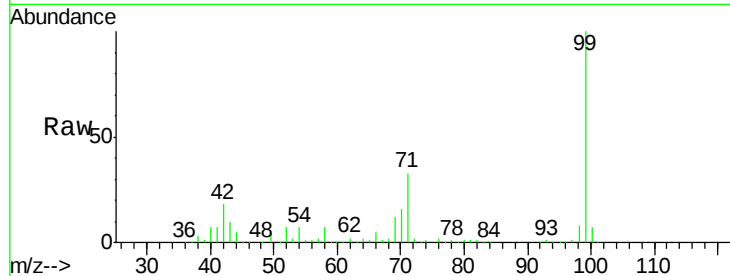
Tot Ion: 99 Resp: 332861

Ion Ratio Lower Upper

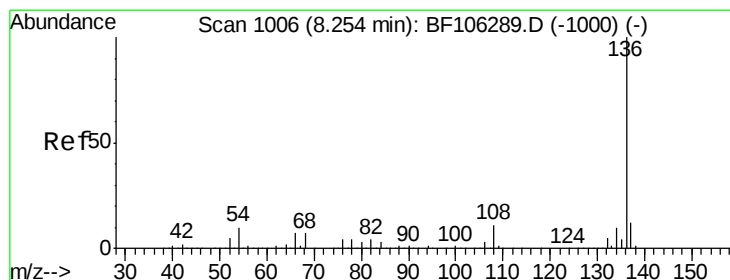
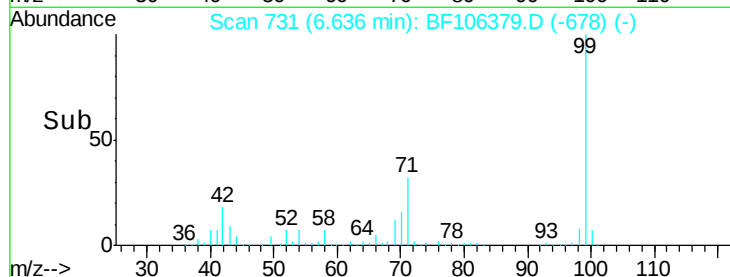
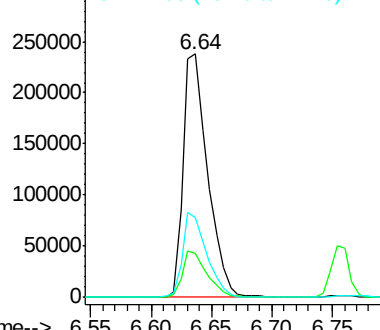
99 100

42 17.8 14.5 21.7

71 32.6 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: BF106379.D

Acq: 13 Jun 2018 7:58

Tgt Ion: 136 Resp: 440813

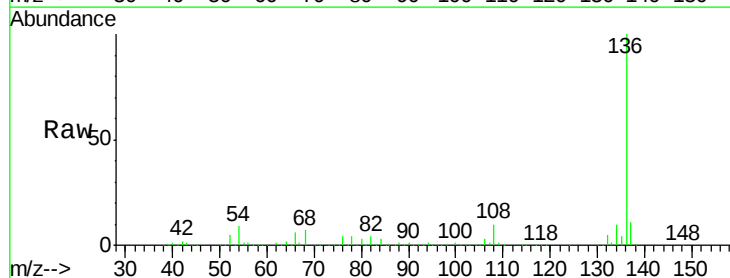
Ion Ratio Lower Upper

136 100

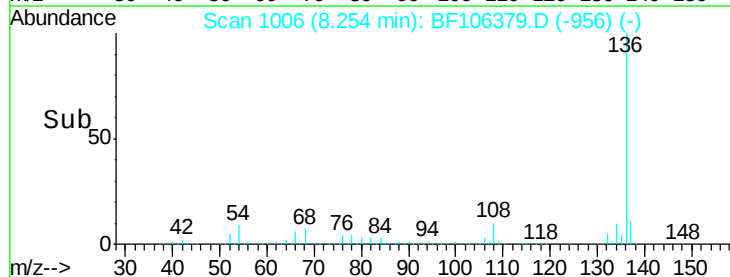
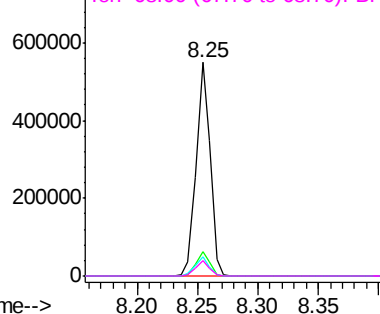
137 11.4 8.9 13.3

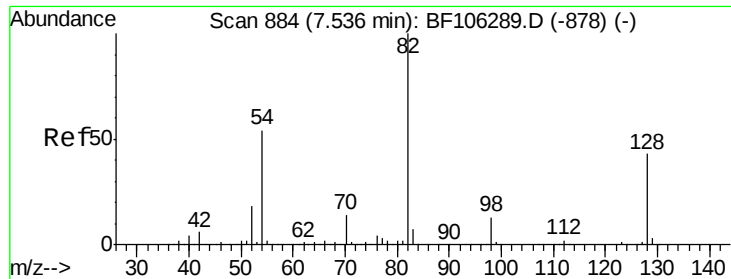
54 9.2 6.6 9.8

68 6.9 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

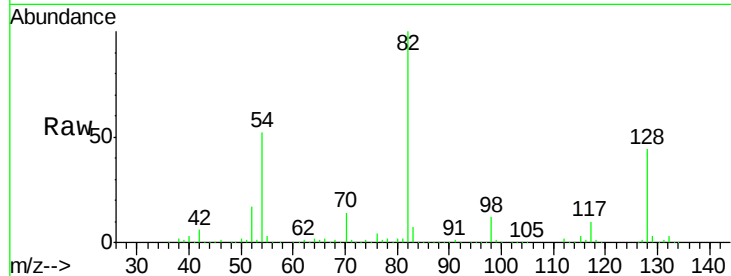




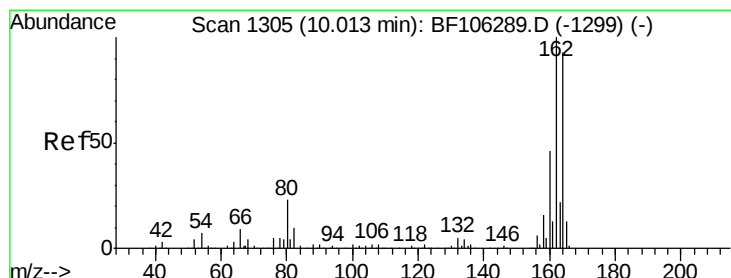
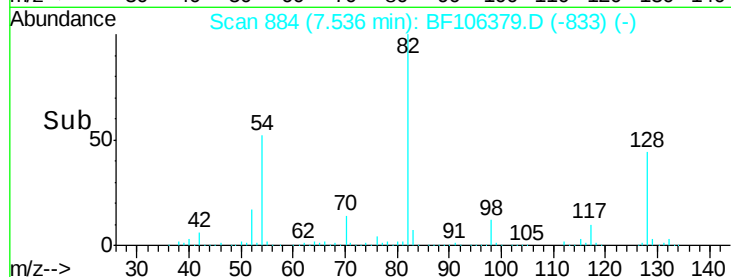
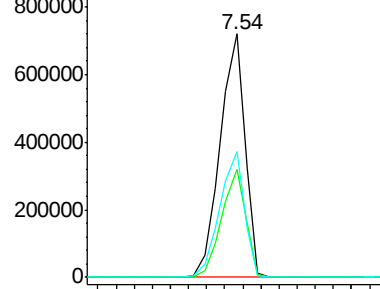
#23
Nitrobenzene-d5
Concen: 91.829 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF106379.D
Acq: 13 Jun 2018 7:58

Instrument :
BNA_F
ClientSampled :
W-49

Tot Ion: 82 Resp: 688089
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 51.8 41.4 62.2

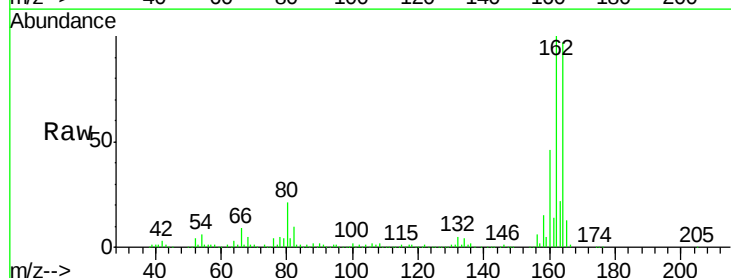


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

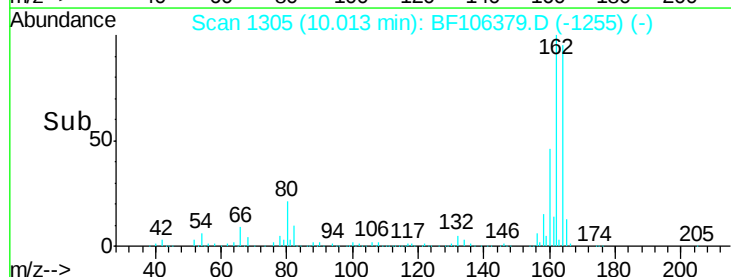
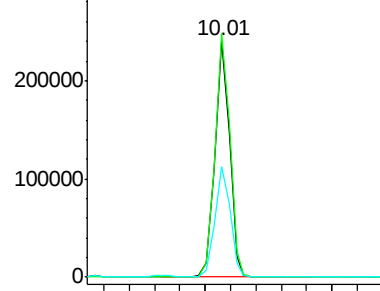


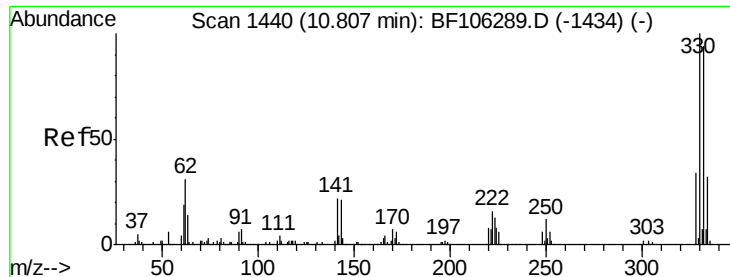
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF106379.D
Acq: 13 Jun 2018 7:58

Tgt Ion: 164 Resp: 190534
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 47.0 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

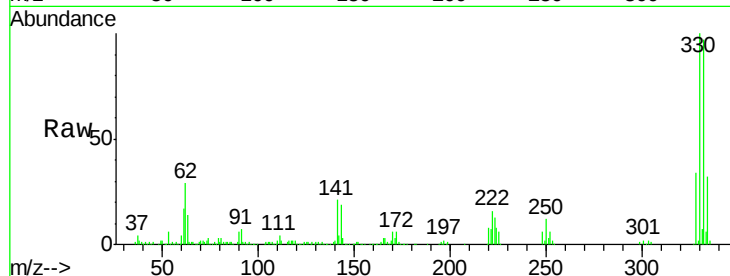




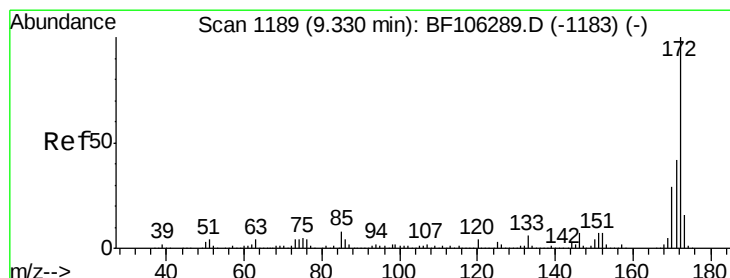
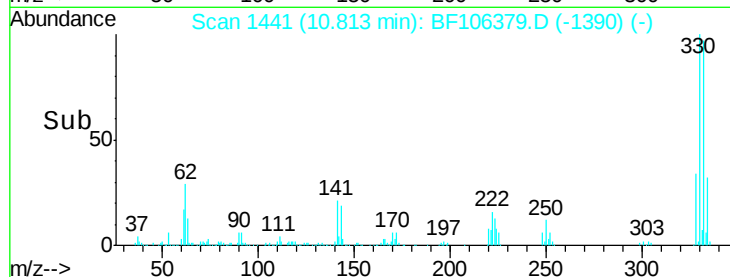
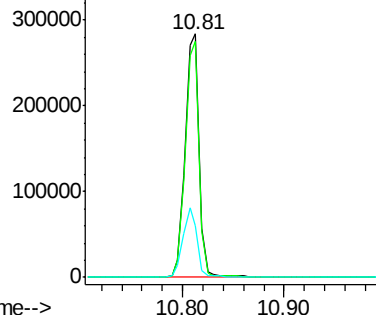
#41
 2,4,6-Tribromophenol
 Concen: 149.777 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF106379.D
 Acq: 13 Jun 2018 7:58

Instrument :
 BNA_F
 ClientSampleId :
 W-49

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	28.0	29.9	44.9#

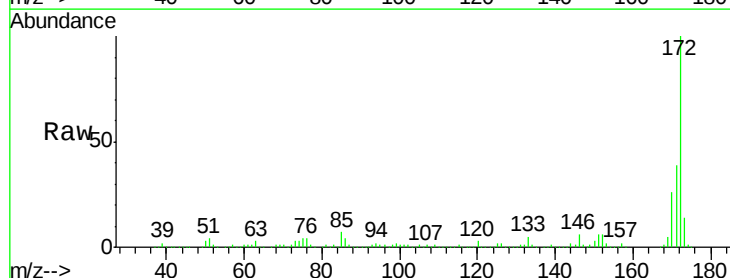


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

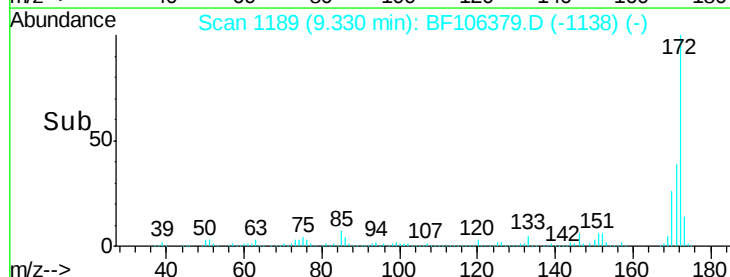
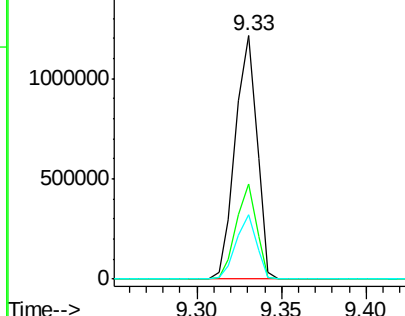


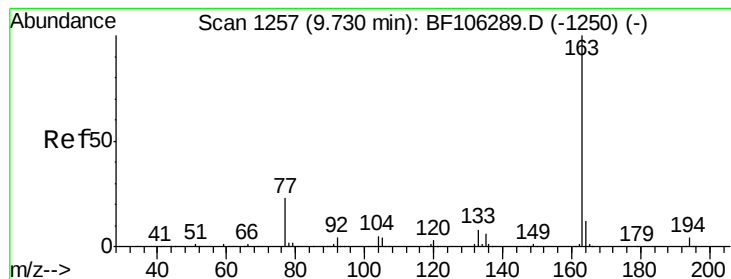
#44
 2-Fluorobiphenyl
 Concen: 111.156 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF106379.D
 Acq: 13 Jun 2018 7:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	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: 2.407 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106379.D

Acq: 13 Jun 2018 7:58

Instrument :

BNA_F

ClientSampleId :

W-49

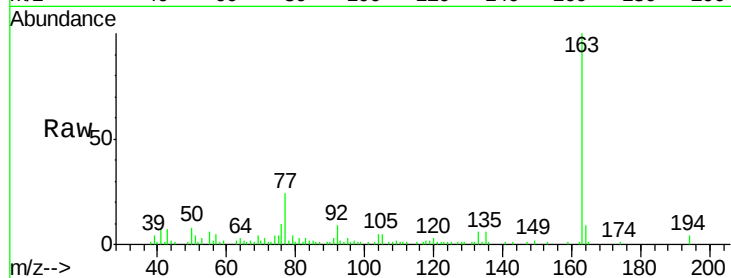
Tot Ion:163 Resp: 32762

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

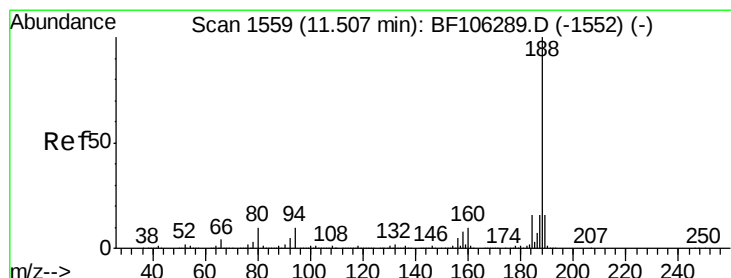
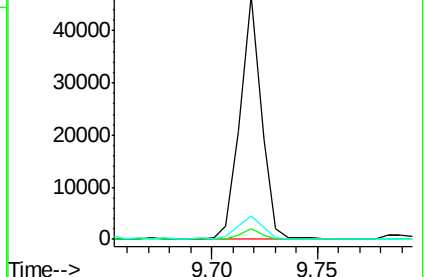
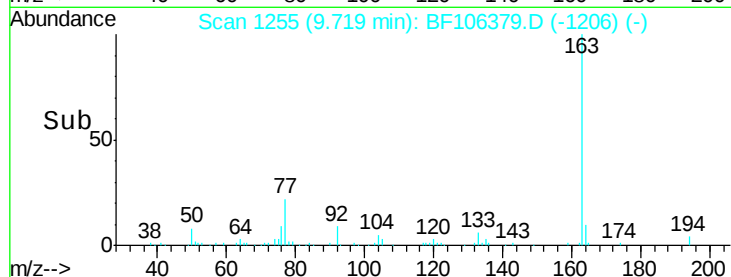
164 9.4 8.2 12.2



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: BF106379.D

Acq: 13 Jun 2018 7:58

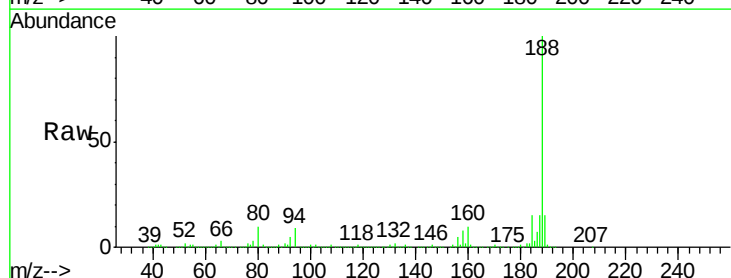
Tgt Ion:188 Resp: 384046

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

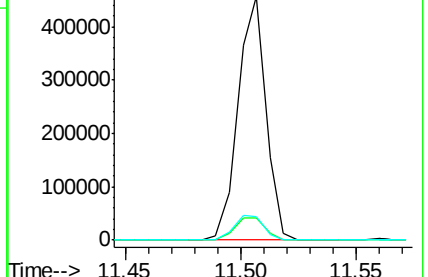
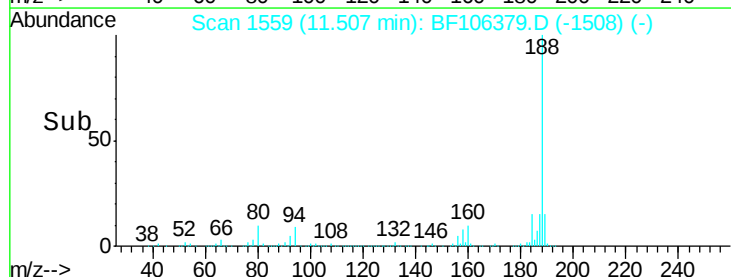
80 9.8 9.2 13.8

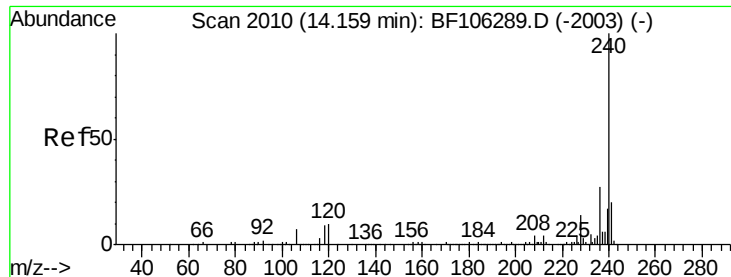


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106379.D

Acq: 13 Jun 2018 7:58

Instrument :

BNA_F

ClientSampleId :

W-49

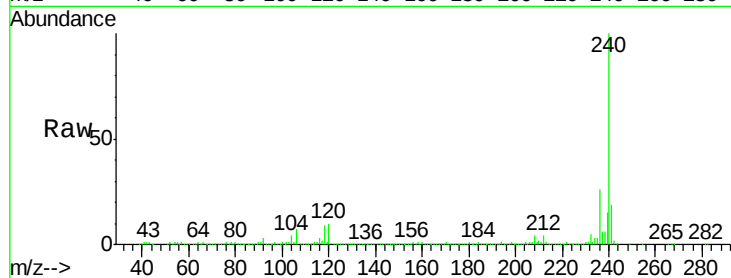
Tot Ion:240 Resp: 388731

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

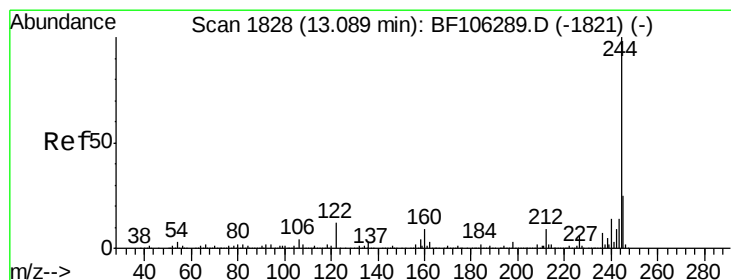
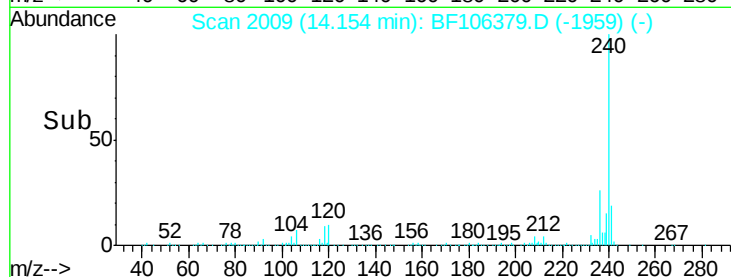
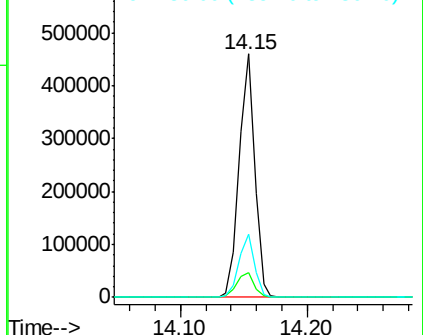
236 25.8 20.7 31.1



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: 83.842 ng

RT: 13.09 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF106379.D

Acq: 13 Jun 2018 7:58

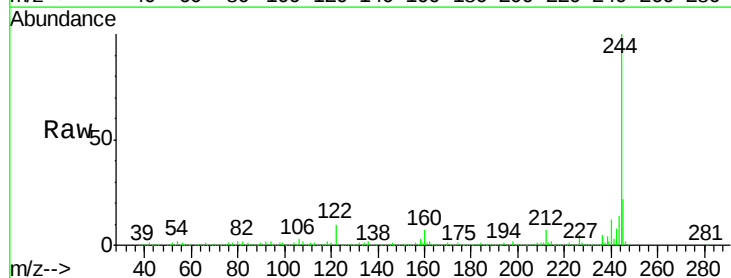
Tgt Ion:244 Resp: 1312198

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

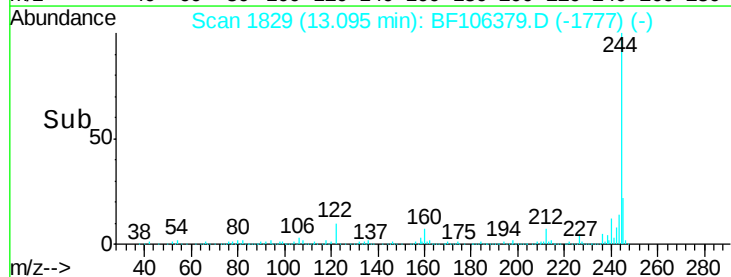
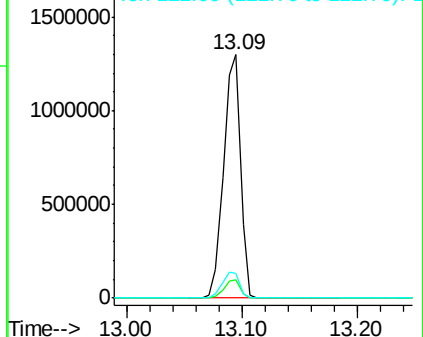
122 10.1 11.0 16.4#

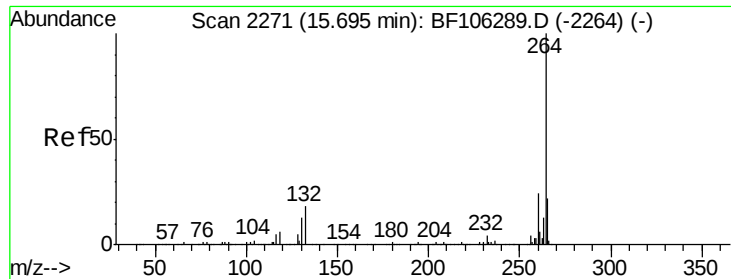


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF106379.D
Acq: 13 Jun 2018 7:58

Instrument :
BNA_F
ClientSampleId :
W-49

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.1	17.5	26.3

