

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF107001.D
 Acq On : 30 Jun 2018 4:10
 Operator : JU/SJ
 Sample : J3691-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Quant Time: Jun 30 05:41:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

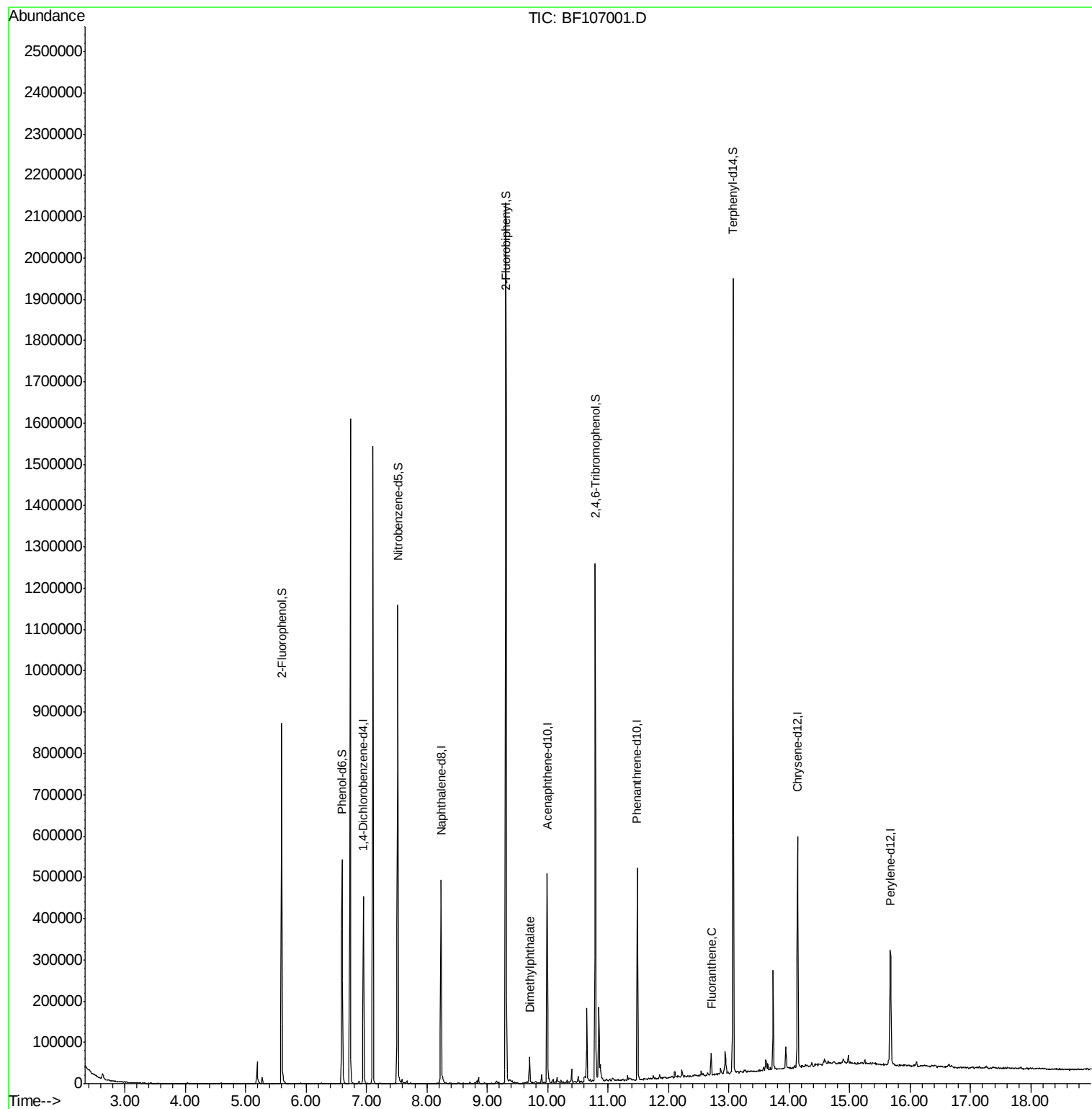
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68119	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	250999	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	114798	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	196096	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	194613	20.00	ng	-0.03
86) Perylene-d12	15.67	264	154286	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	240784	59.85	ng	0.00
7) Phenol-d6	6.60	99	181306	36.09	ng	-0.02
23) Nitrobenzene-d5	7.52	82	401005	88.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	176367	132.55	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	723162	111.17	ng	-0.02
78) Terphenyl-d14	13.07	244	706117	87.89	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	27566	3.202	ng	Qvalue # 98
74) Fluoranthene	12.71	202	21549	2.067	ng	94

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

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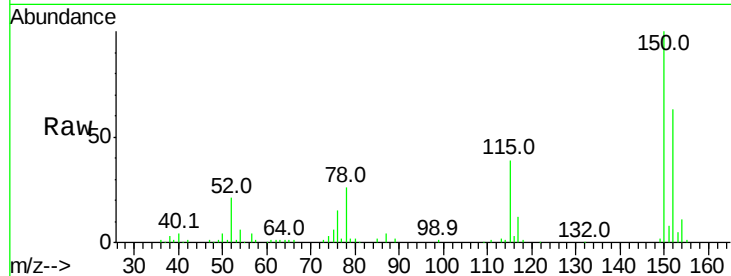


#1

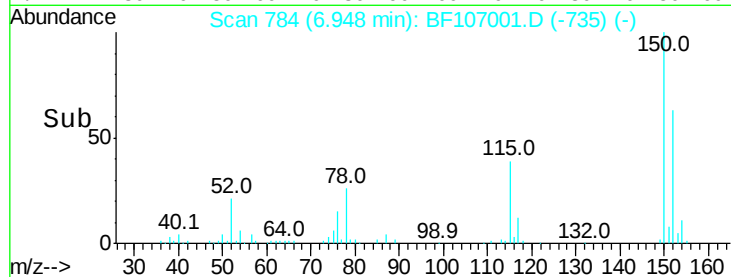
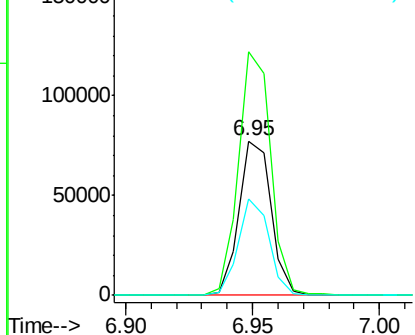
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Instrument :
BNA_F
ClientSampleId :
W-37

Tot Ion:152 Resp: 68119
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 62.4 50.1 75.1



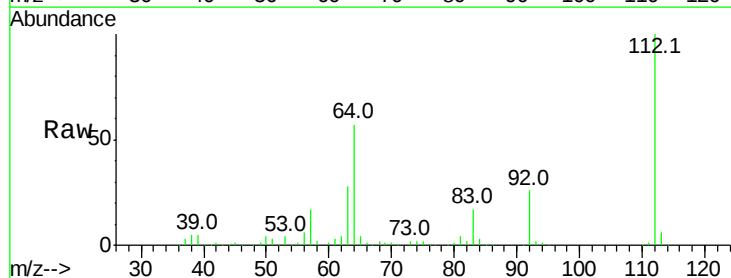
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



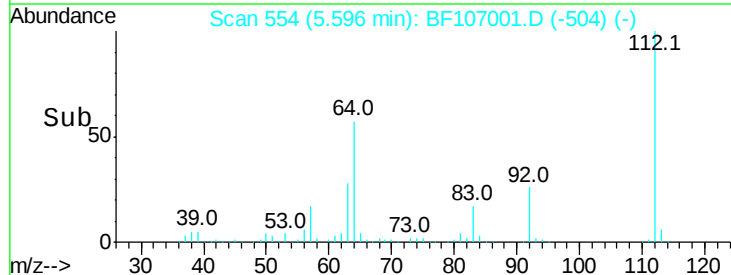
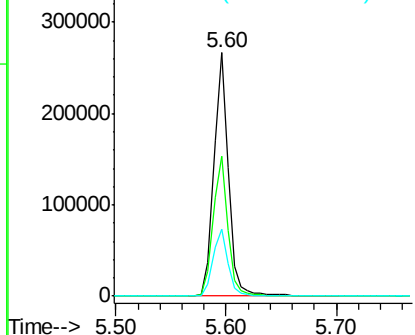
#5

2-Fluorophenol
Concen: 59.855 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Tgt Ion:112 Resp: 240784
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 27.6 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: 36.090 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107001.D

Acq: 30 Jun 2018 4:10

Instrument :

BNA_F

ClientSampled :

W-37

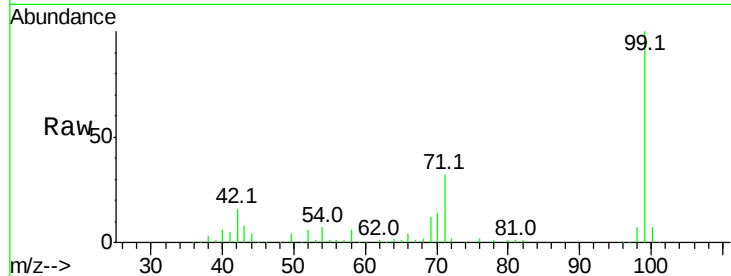
Tot Ion: 99 Resp: 181306

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

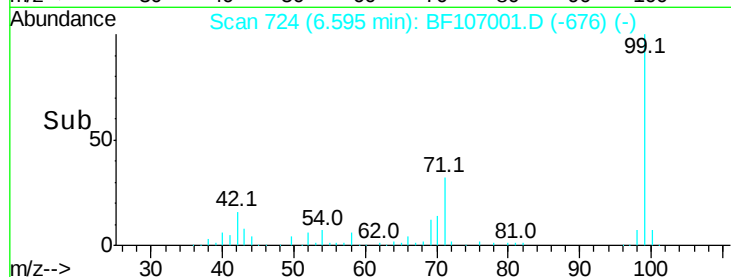
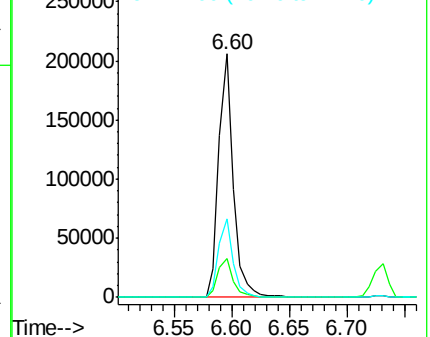
71 32.3 25.4 38.0



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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107001.D

Acq: 30 Jun 2018 4:10

Tgt Ion: 136 Resp: 250999

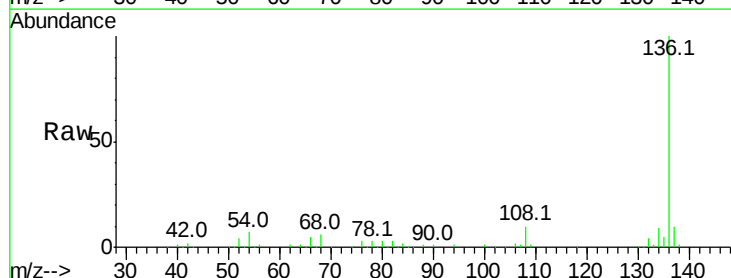
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.4 6.6 9.8

68 5.6 5.0 7.4

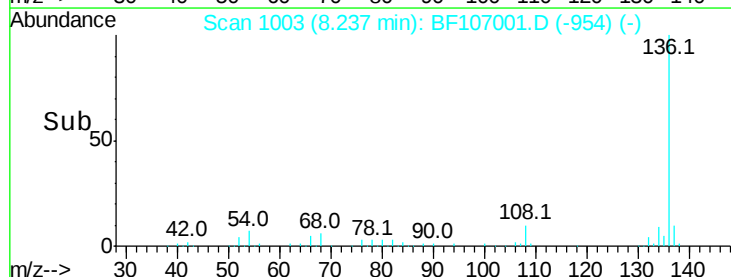
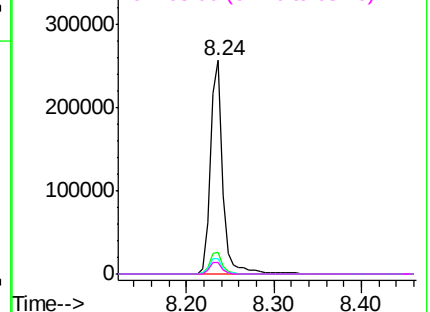


Abundance Ion 136.00 (135.70 to 136.70): E

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

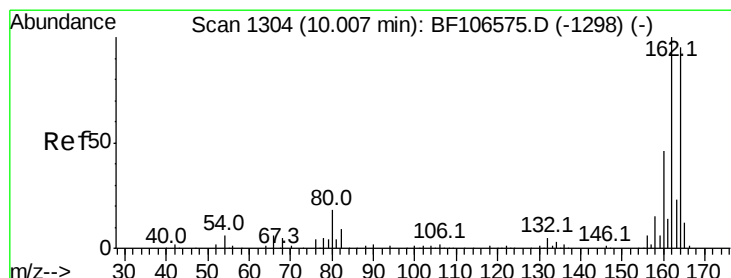
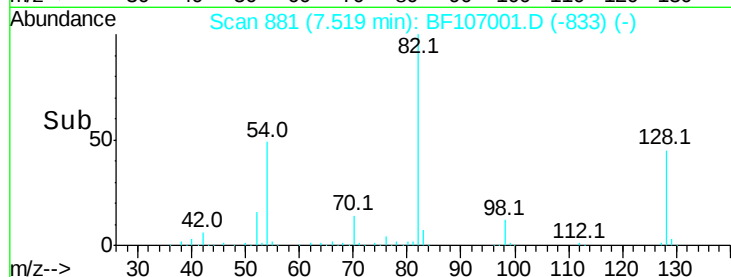
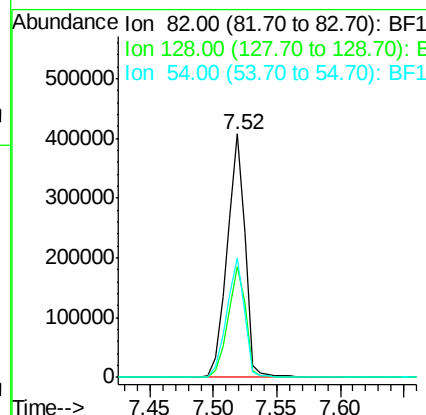
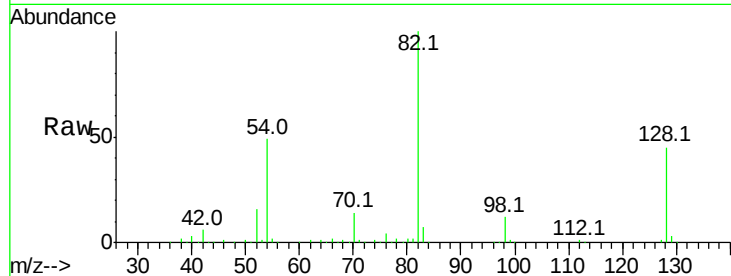




#23
 Nitrobenzene-d5
 Concen: 88.786 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107001.D
 Acq: 30 Jun 2018 4:10

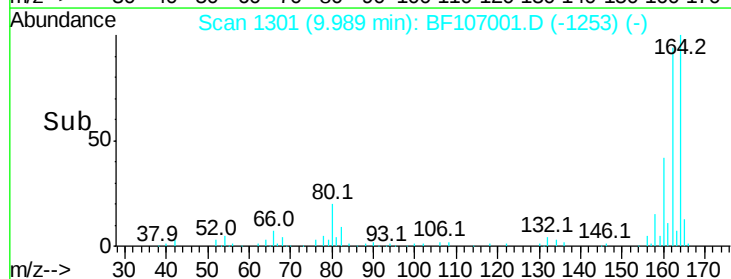
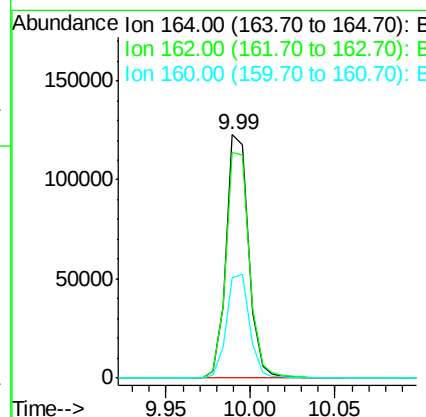
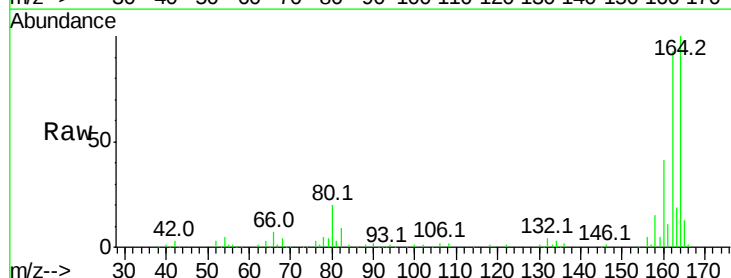
Instrument :
 BNA_F
 ClientSampleId :
 W-37

Tot Ion	82	Resp	401005
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	49.3	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107001.D
 Acq: 30 Jun 2018 4:10

Tgt Ion	164	Resp	114798
Ion Ratio	Lower	Upper	
164	100		
162	92.6	86.1	129.1
160	41.4	38.3	57.5

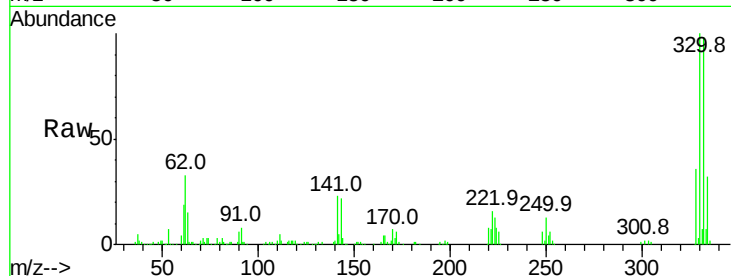




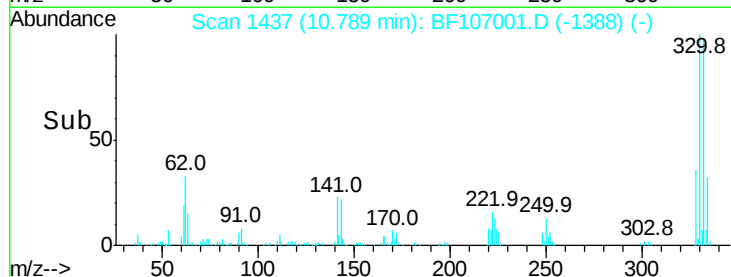
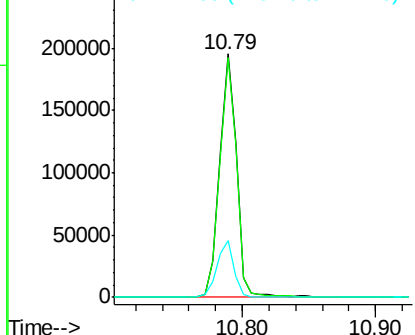
#41
 2,4,6-Tribromophenol
 Concen: 132.553 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107001.D
 Acq: 30 Jun 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	23.4	29.9	44.9#

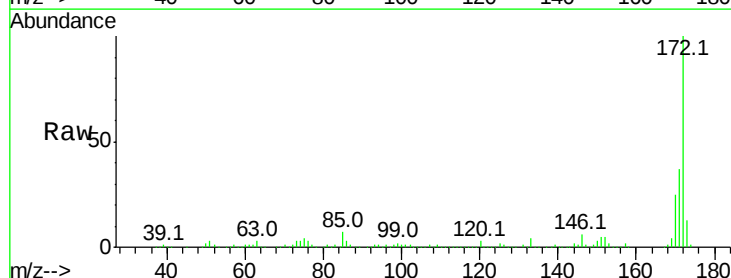


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

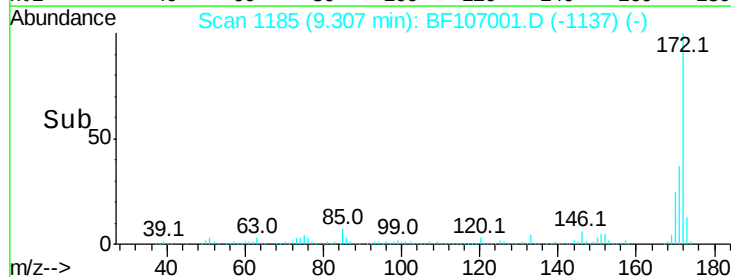
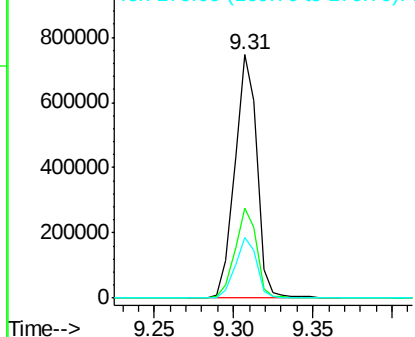


#44
 2-Fluorobiphenyl
 Concen: 111.167 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107001.D
 Acq: 30 Jun 2018 4:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.7	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

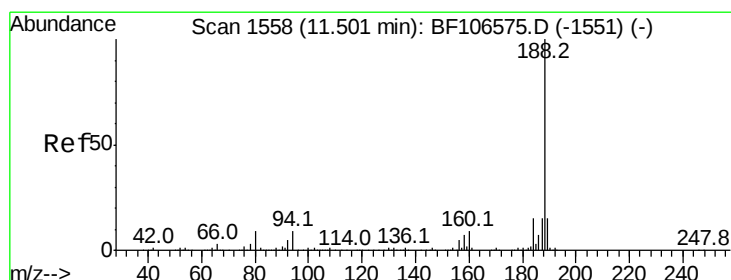
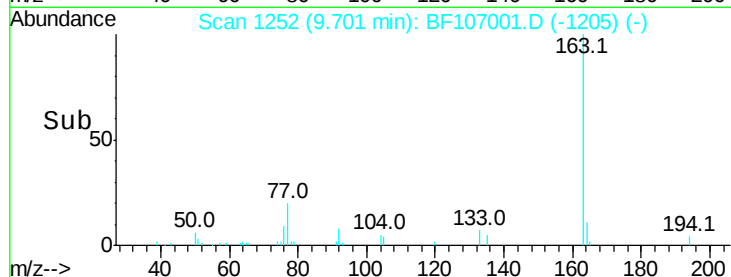
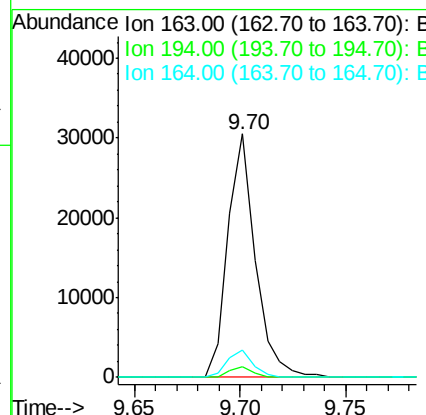
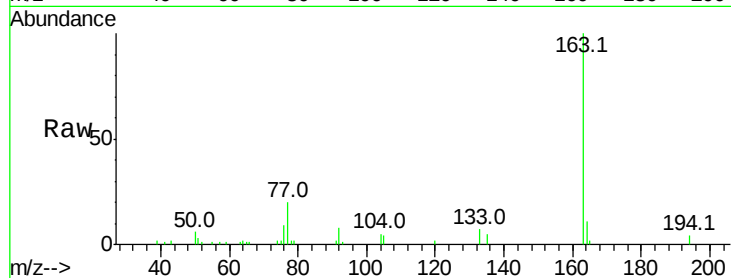




#49
Dimethylphthalate
Concen: 3.202 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

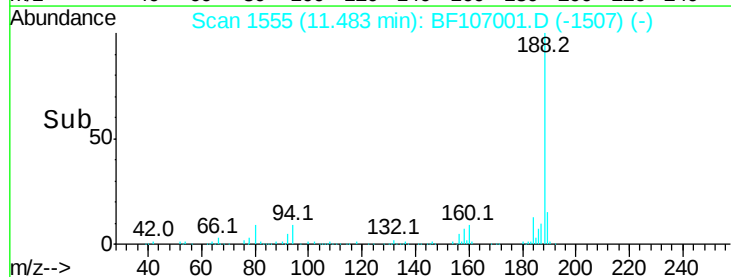
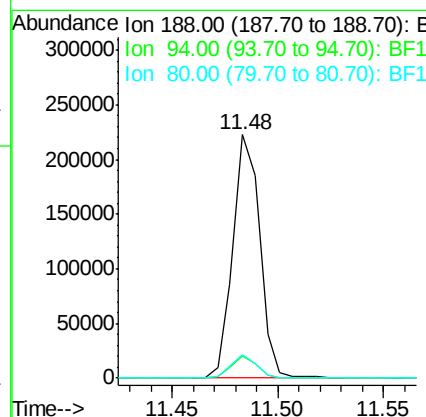
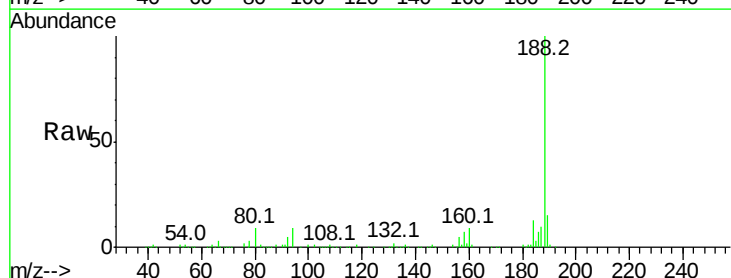
Instrument :
BNA_F
ClientSampleId :
W-37

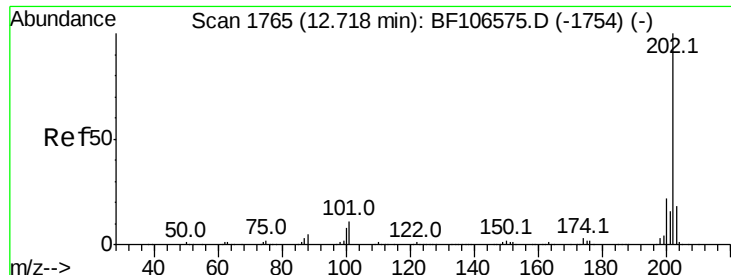
Tot Ion:163 Resp: 27566
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 11.0 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107001.D
Acq: 30 Jun 2018 4:10

Tgt Ion:188 Resp: 196096
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.4 9.2 13.8

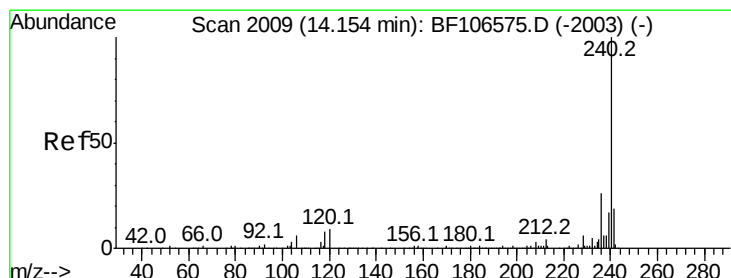
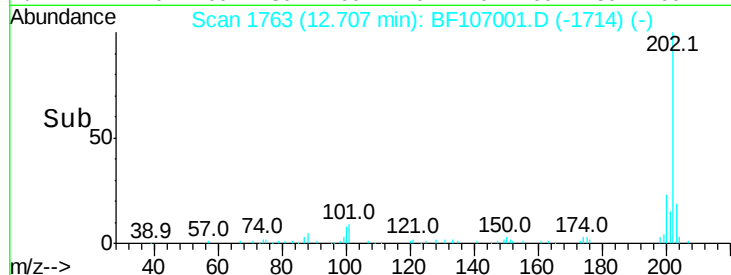
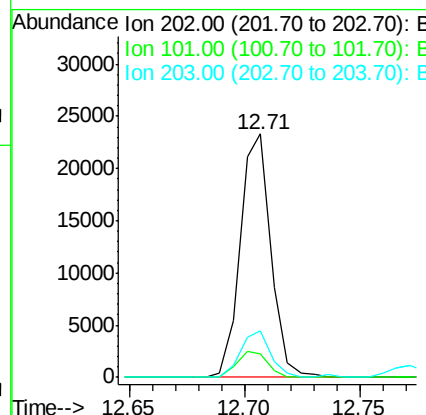
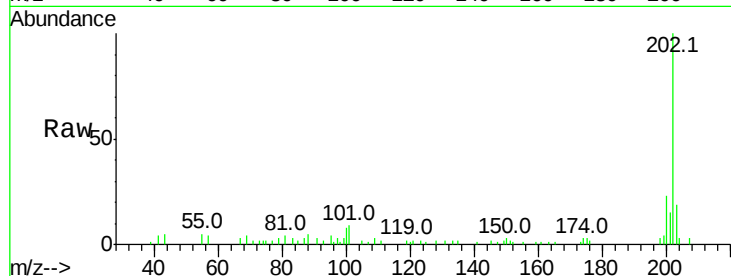




#74
 Fluoranthene
 Concen: 2.067 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF107001.D
 Acq: 30 Jun 2018 4:10

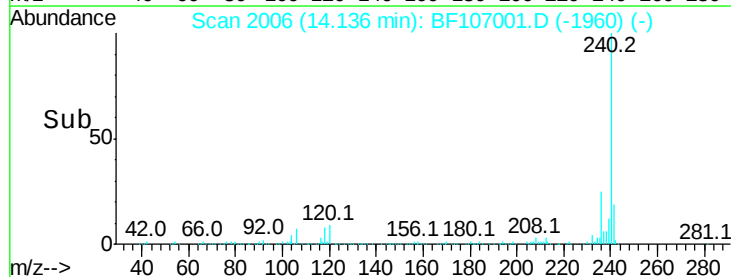
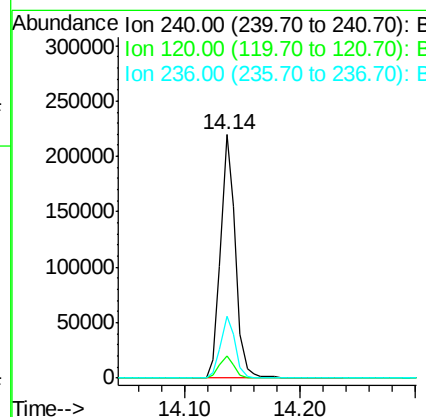
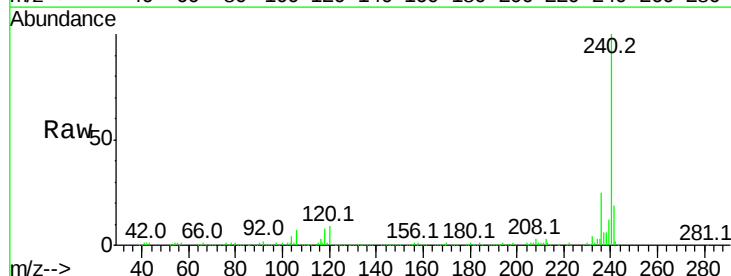
Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:202 Resp: 21549
 Ion Ratio Lower Upper
 202 100
 101 9.5 0.0 34.1
 203 19.2 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF107001.D
 Acq: 30 Jun 2018 4:10

Tgt Ion:240 Resp: 194613
 Ion Ratio Lower Upper
 240 100
 120 9.2 9.5 14.3#
 236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 87.889 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107001.D

Acq: 30 Jun 2018 4:10

Instrument :

BNA_F

ClientSampleId :

W-37

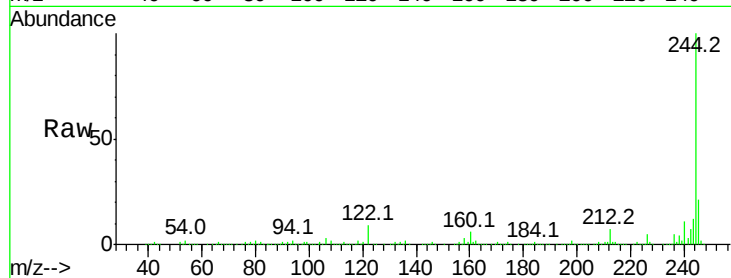
Tot Ion:244 Resp: 706117

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

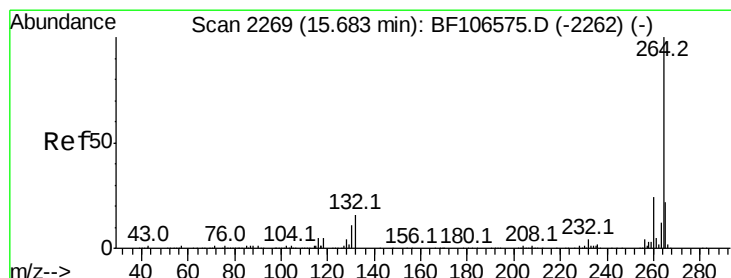
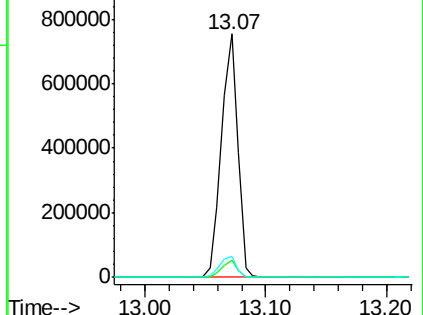
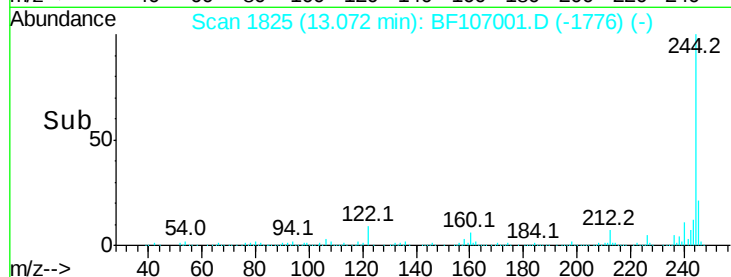
122 8.7 11.0 16.4#



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: 15.67 min Scan# 2267

Delta R.T. -0.05 min

Lab File: BF107001.D

Acq: 30 Jun 2018 4:10

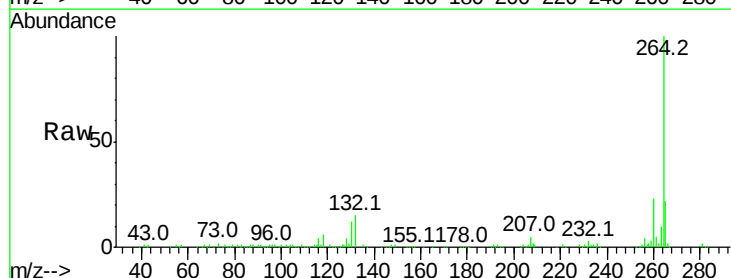
Tgt Ion:264 Resp: 154286

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.1 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

