

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106807.D
 Acq On : 26 Jun 2018 7:44
 Operator : JU/SJ
 Sample : J3689-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 062118-DBRI-E-U-M

Quant Time: Jun 26 08:59:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44097	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	161474	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	70940	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	130962	20.00	ng	0.00
75) Chrysene-d12	14.15	240	118916	20.00	ng	-0.02
86) Perylene-d12	15.69	264	83077	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	112749	43.30	ng	0.00
7) Phenol-d6	6.60	99	100306	30.84	ng	-0.02
23) Nitrobenzene-d5	7.52	82	248336	85.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	72184	87.79	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	451747	112.57	ng	0.00
78) Terphenyl-d14	13.08	244	480853	97.95	ng	0.00

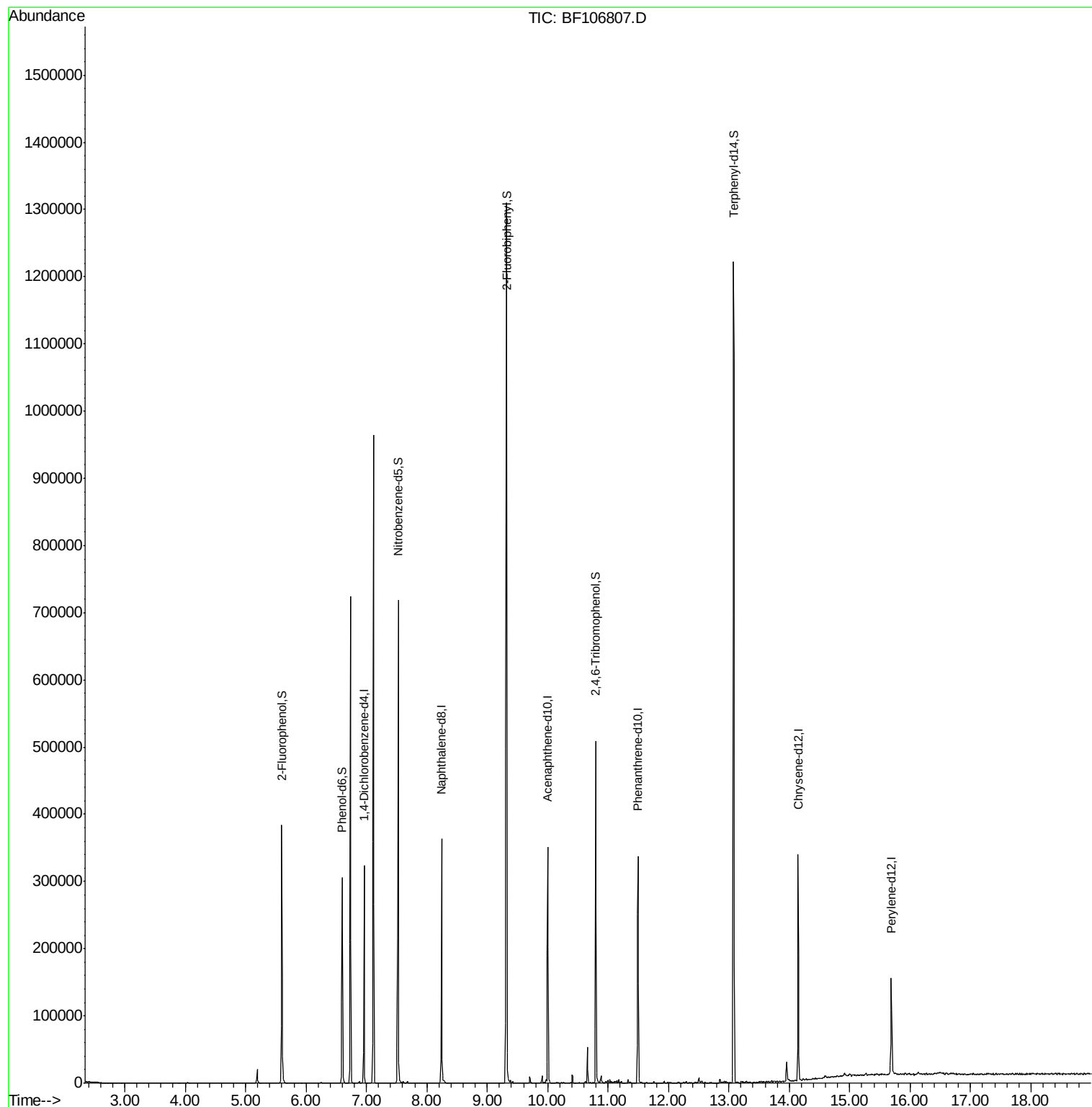
Target Compounds Qvalue

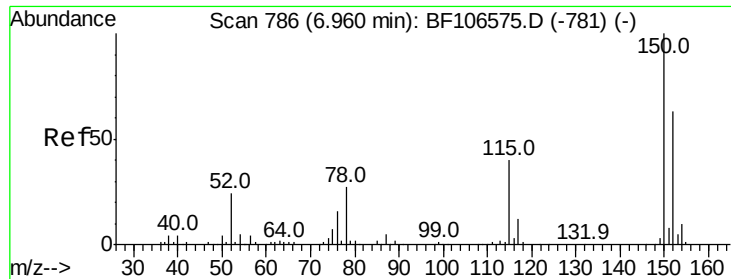
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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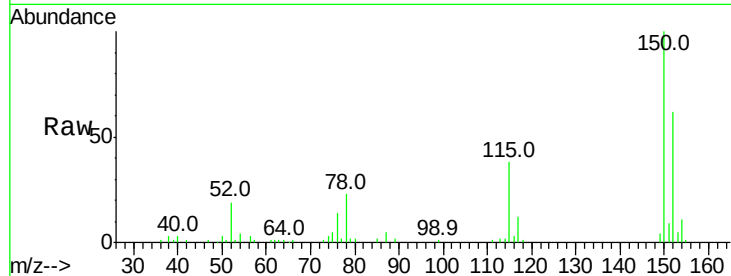


#1

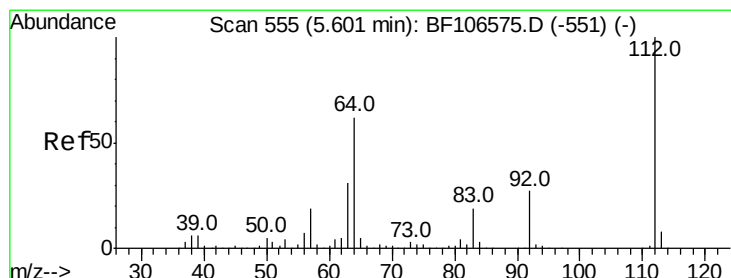
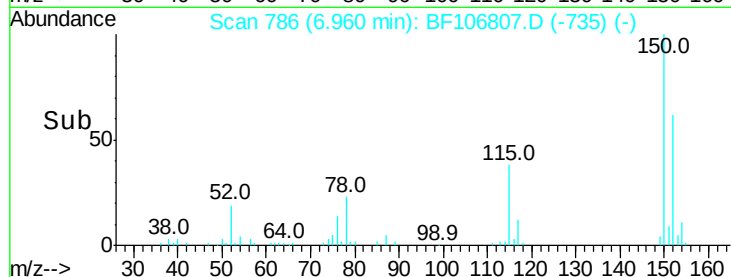
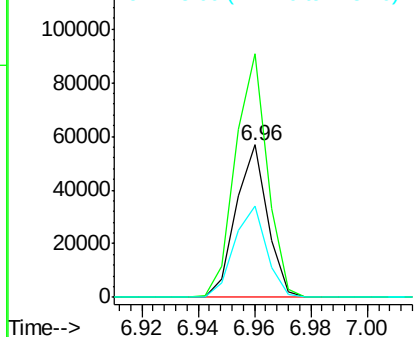
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106807.D
Acq: 26 Jun 2018 7:44

Instrument :
BNA_F
ClientSampleId :
062118-DBRI-E-U-M

Tot Ion:152 Resp: 44097
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 60.1 50.1 75.1



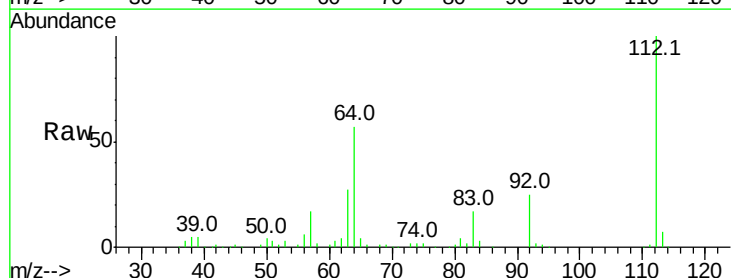
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



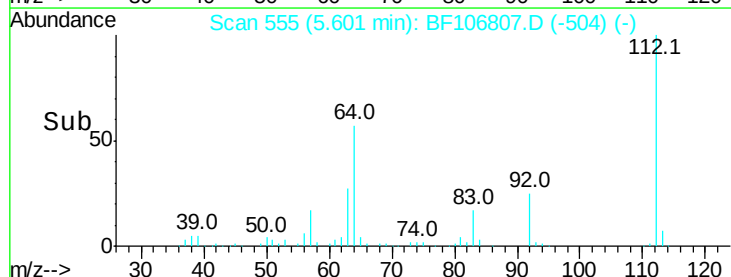
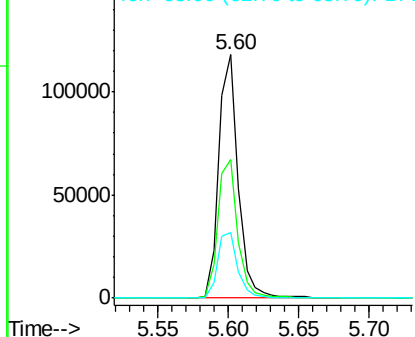
#5

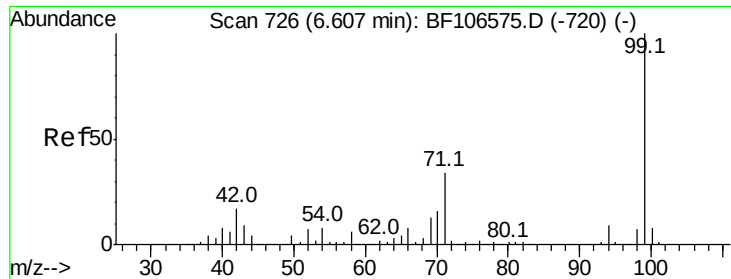
2-Fluorophenol
Concen: 43.295 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106807.D
Acq: 26 Jun 2018 7:44

Tgt Ion:112 Resp: 112749
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 27.2 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: 30.843 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106807.D

Acq: 26 Jun 2018 7:44

Instrument :

BNA_F

ClientSampleId :

062118-DBRI-E-U-M

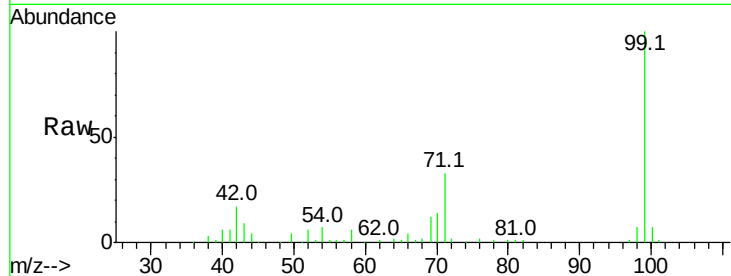
Tot Ion: 99 Resp: 100306

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

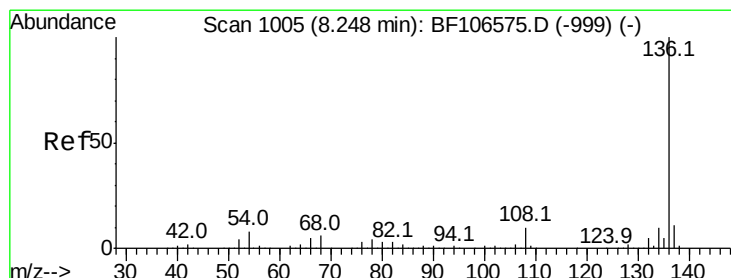
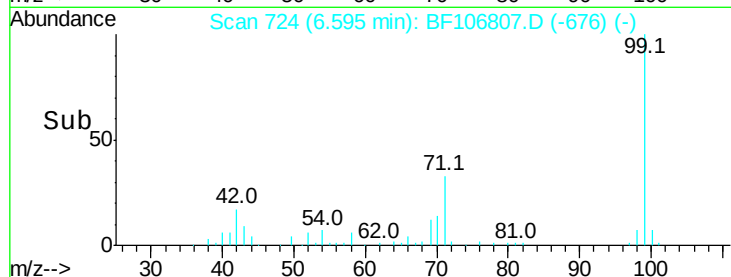
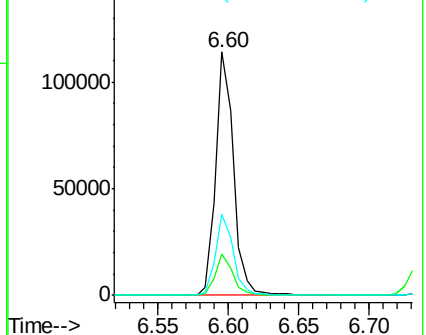
71 33.4 25.4 38.0



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# 1004

Delta R.T. -0.01 min

Lab File: BF106807.D

Acq: 26 Jun 2018 7:44

Tgt Ion: 136 Resp: 161474

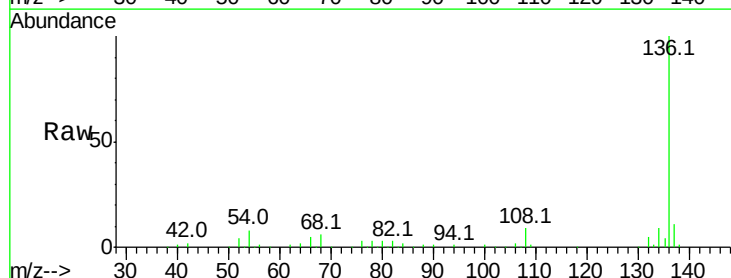
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.7 6.6 9.8

68 6.4 5.0 7.4

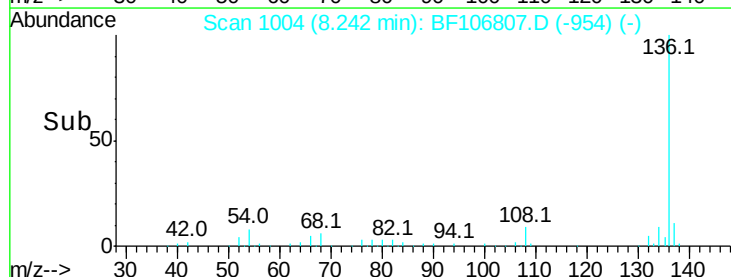
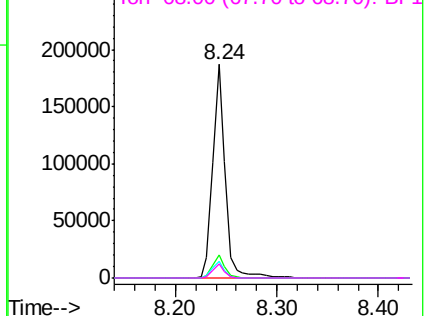


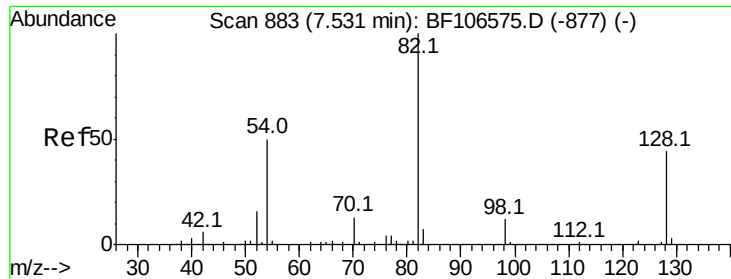
Abundance Ion 136.00 (135.70 to 136.70): E

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

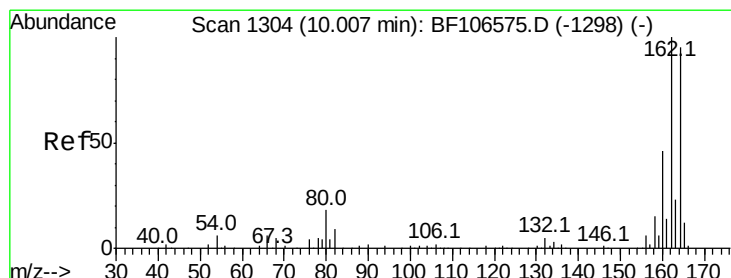
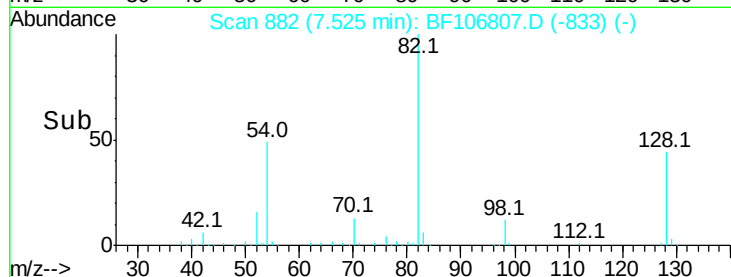
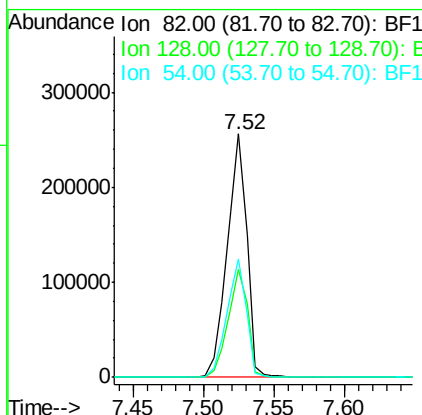
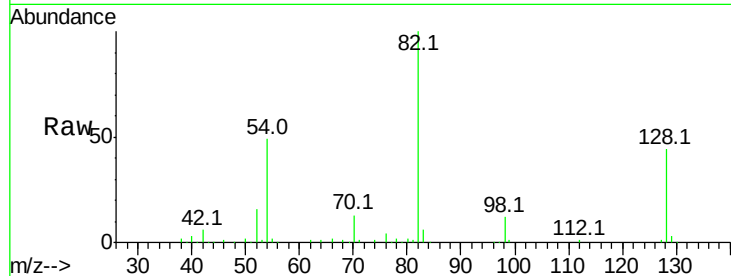




#23
 Nitrobenzene-d5
 Concen: 85.468 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106807.D
 Acq: 26 Jun 2018 7:44

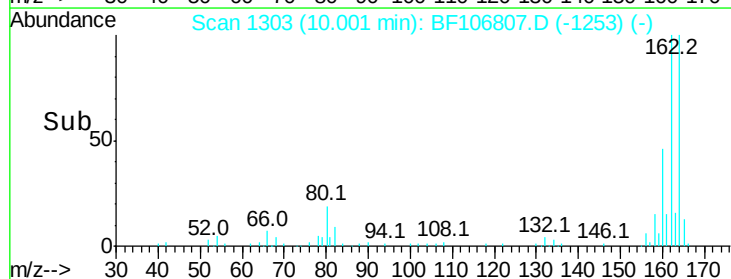
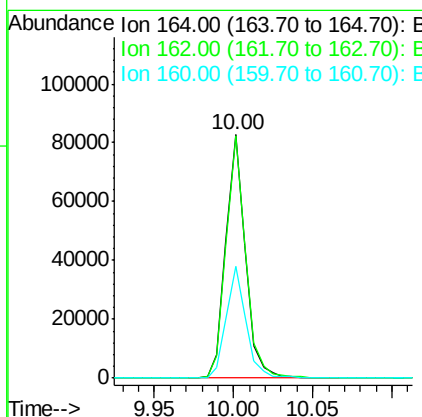
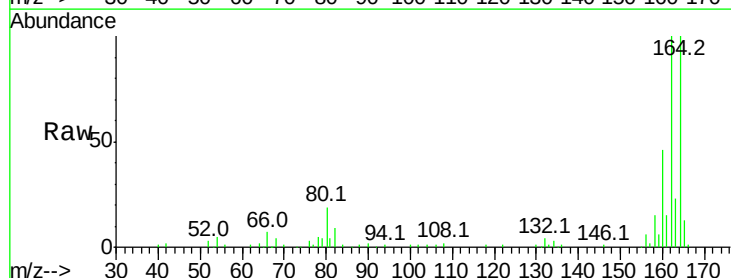
Instrument :
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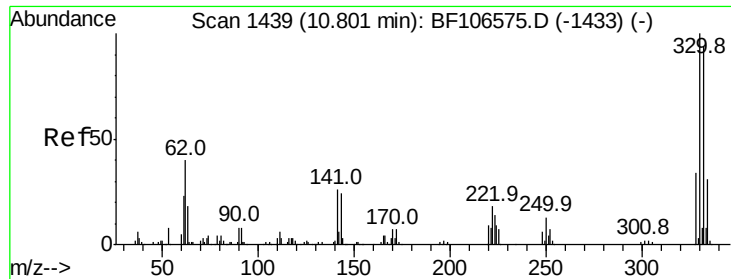
Tot Ion	82	Resp	248336
Ion Ratio	100	Lower	Upper
128	44.5	36.1	54.1
54	48.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106807.D
 Acq: 26 Jun 2018 7:44

Tgt Ion	164	Resp	70940
Ion Ratio	100	Lower	Upper
162	99.5	86.1	129.1
160	45.8	38.3	57.5

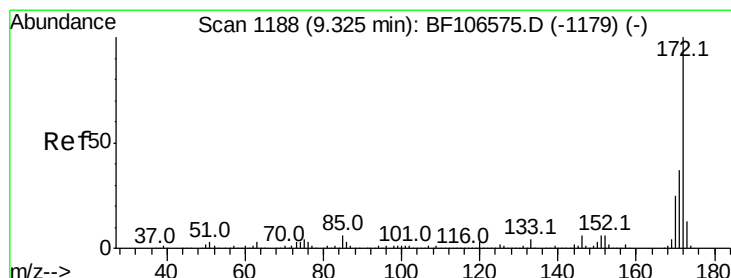
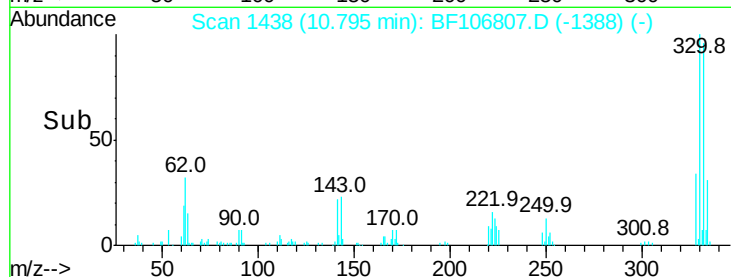
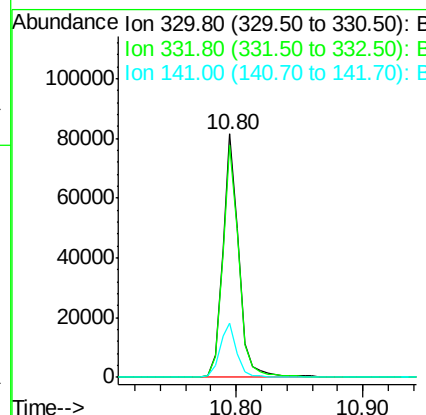
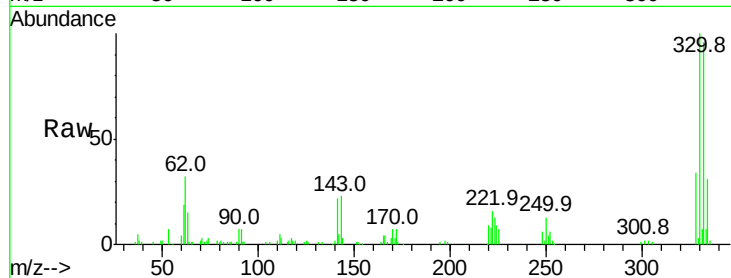




#41
 2,4,6-Tribromophenol
 Concen: 87.792 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106807.D
 Acq: 26 Jun 2018 7:44

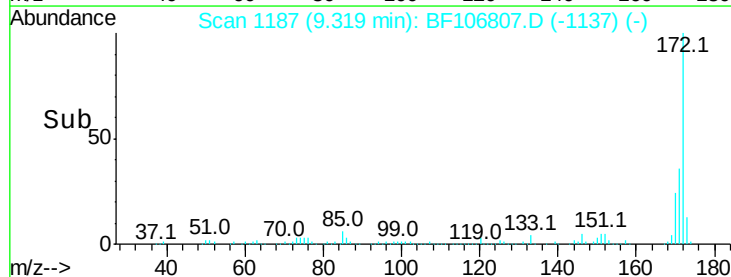
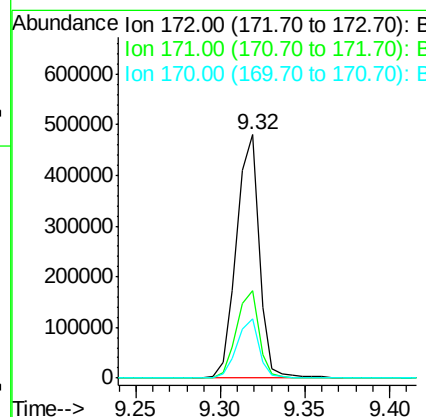
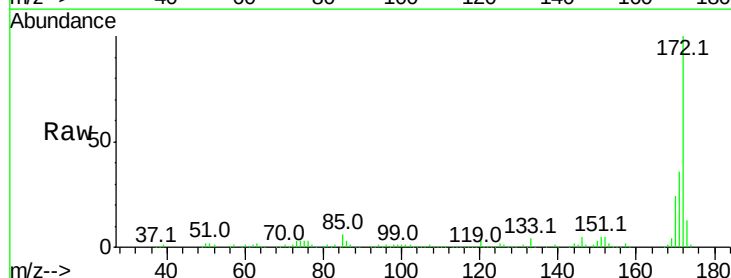
Instrument :
 BNA_F
 ClientSampleId :
 062118-DBRI-E-U-M

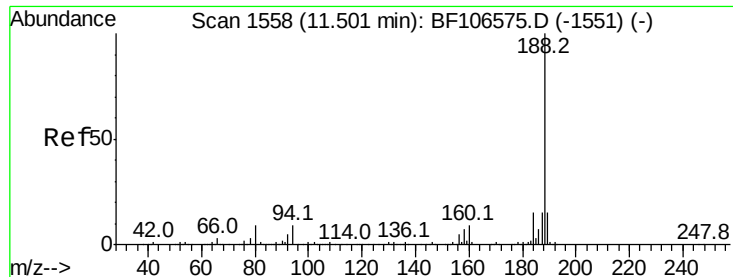
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	23.0	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 112.571 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106807.D
 Acq: 26 Jun 2018 7:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106807.D

Acq: 26 Jun 2018 7:44

Instrument :

BNA_F

ClientSampleId :

062118-DBRI-E-U-M

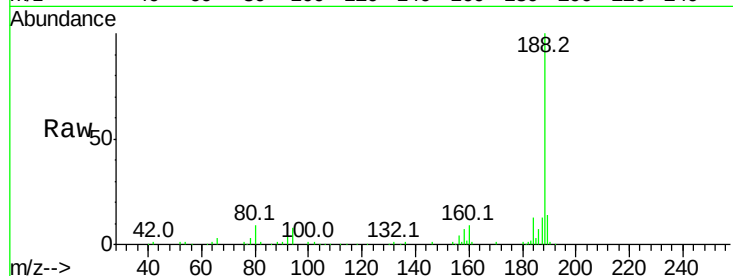
Tot Ion:188 Resp: 130962

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

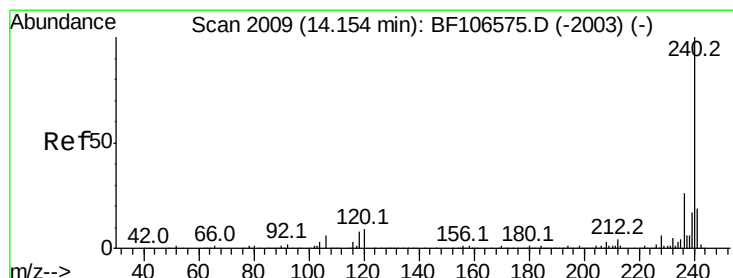
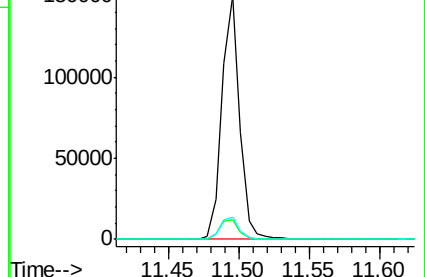
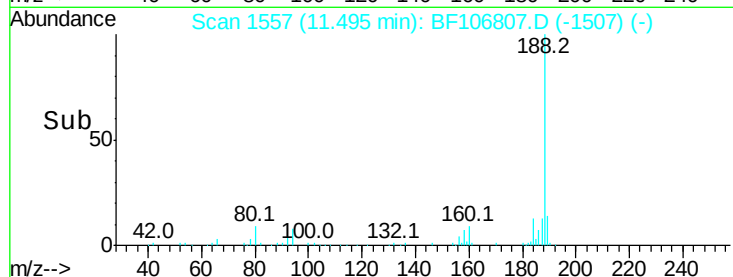
80 8.9 9.2 13.8#



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# 2008

Delta R.T. -0.02 min

Lab File: BF106807.D

Acq: 26 Jun 2018 7:44

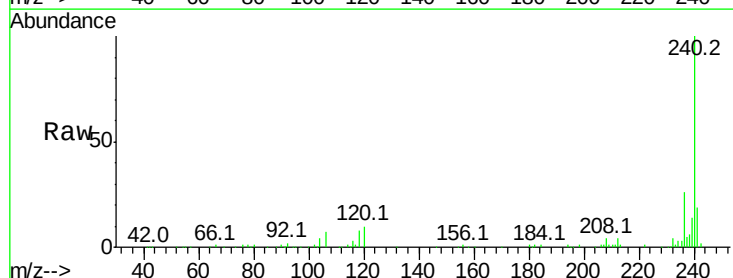
Tgt Ion:240 Resp: 118916

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

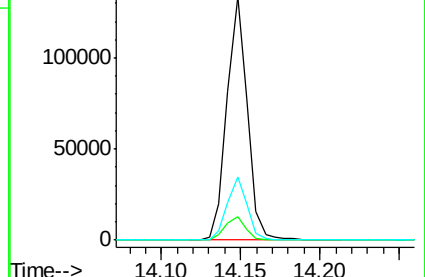
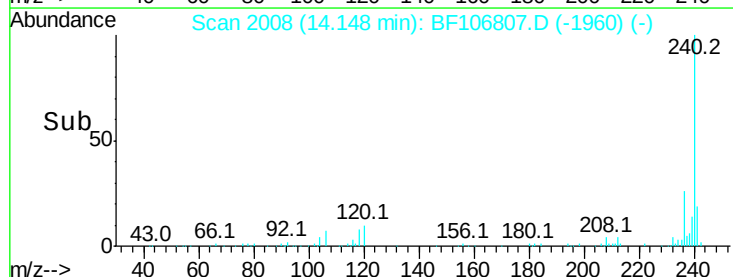
236 25.7 20.7 31.1

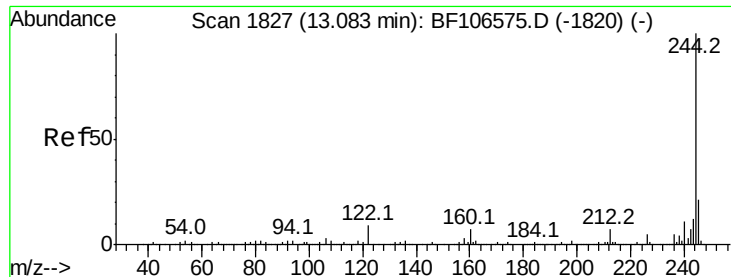


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

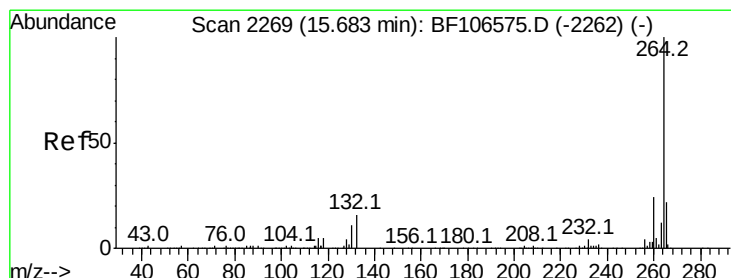
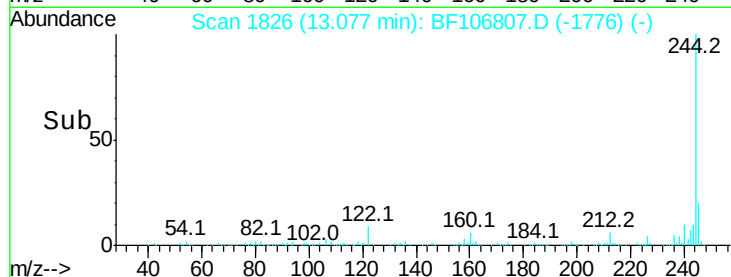
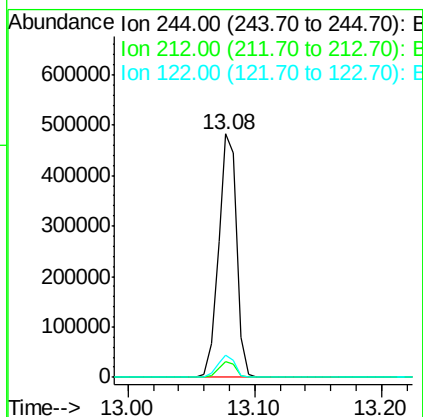
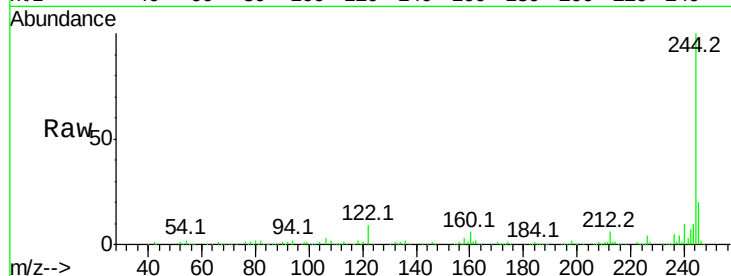




#78
 Terphenyl-d14
 Concen: 97.949 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106807.D
 Acq: 26 Jun 2018 7:44

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Tot Ion:244 Resp: 480853
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.3 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF106807.D
 Acq: 26 Jun 2018 7:44

Tgt Ion:264 Resp: 83077
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.0 17.5 26.3

