

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106861.D
 Acq On : 27 Jun 2018 9:03
 Operator : JU/SJ
 Sample : J3693-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Quant Time: Jun 27 11:40:37 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	41847	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	145885	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	64519	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	127829	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	137010	20.00	ng	-0.02
86) Perylene-d12	15.68	264	87754	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	148363	60.03	ng	0.00
7) Phenol-d6	6.60	99	107683	34.89	ng	-0.02
23) Nitrobenzene-d5	7.52	82	235802	89.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	108941	145.68	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	396881	108.13	ng	-0.01
78) Terphenyl-d14	13.08	244	536437	94.84	ng	0.00

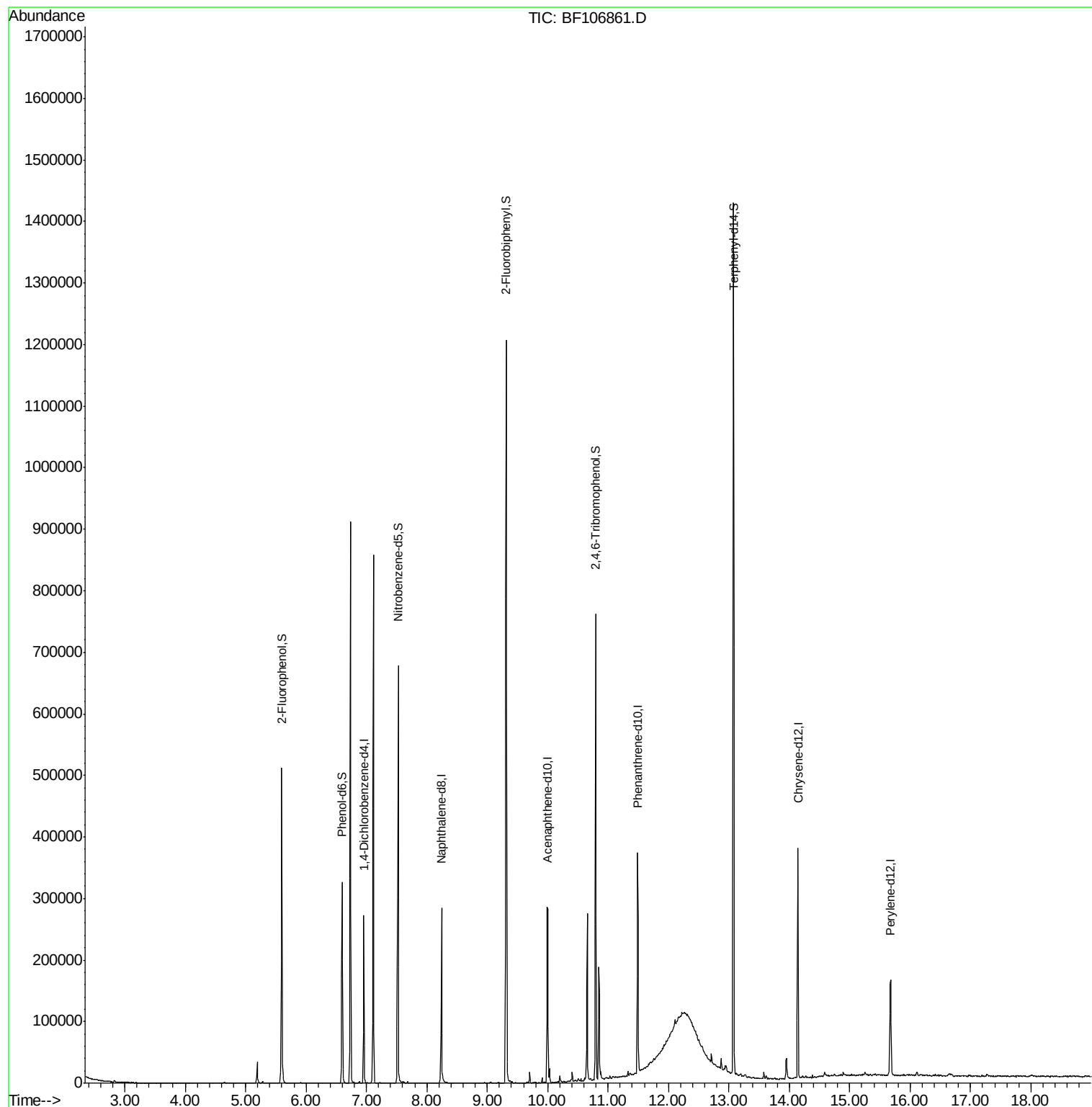
Target Compounds Qvalue

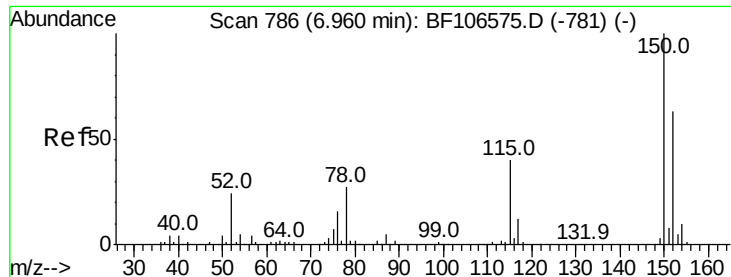
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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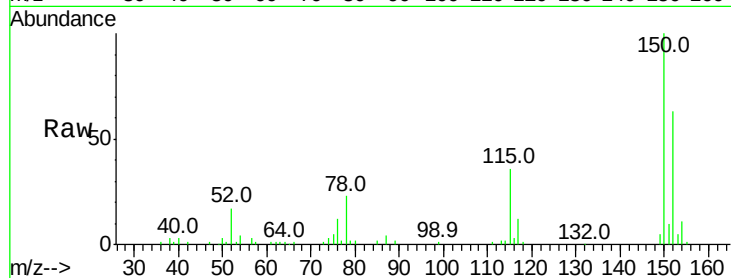


#1

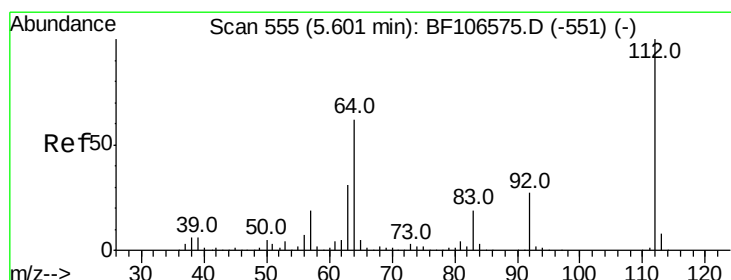
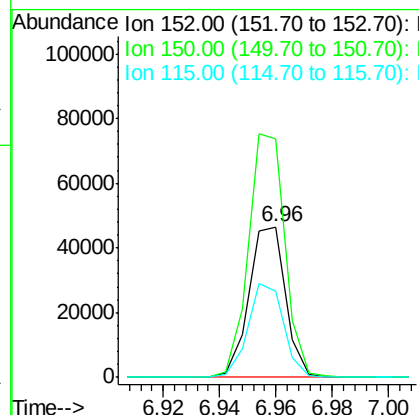
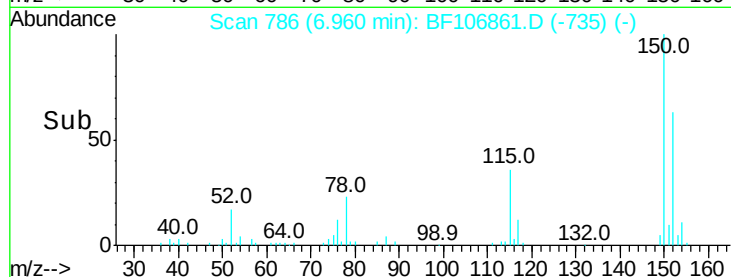
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106861.D
Acq: 27 Jun 2018 9:03

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:152 Resp: 41847
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 57.4 50.1 75.1



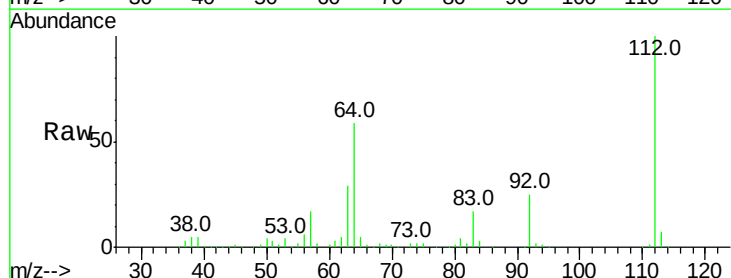
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



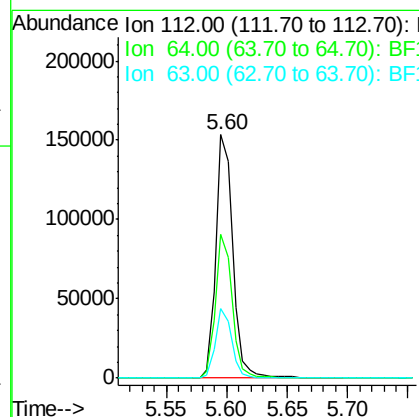
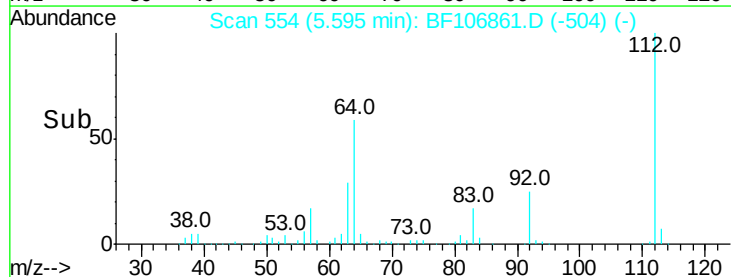
#5

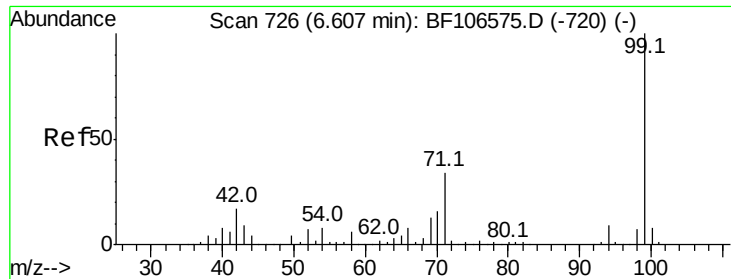
2-Fluorophenol
Concen: 60.034 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106861.D
Acq: 27 Jun 2018 9:03

Tgt Ion:112 Resp: 148363
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 28.6 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: 34.892 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106861.D

Acq: 27 Jun 2018 9:03

Instrument :

BNA_F

ClientSampleId :

W-26

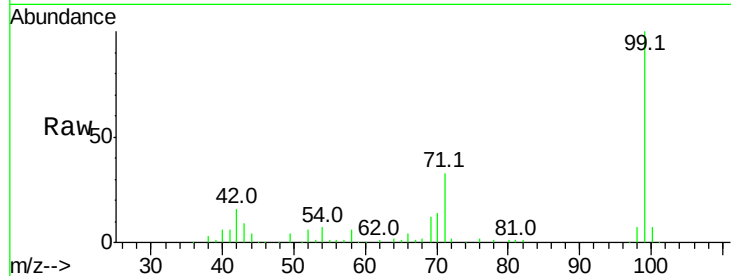
Tot Ion: 99 Resp: 107683

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

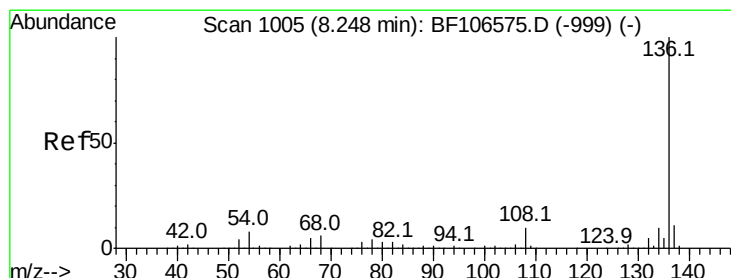
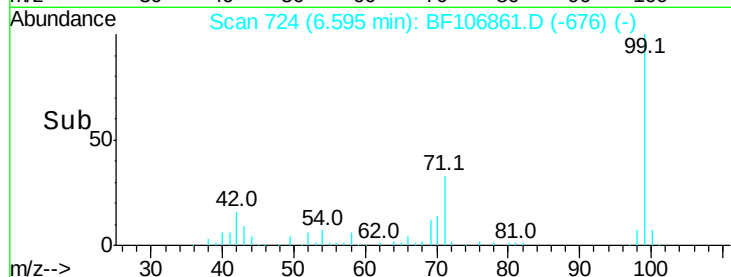
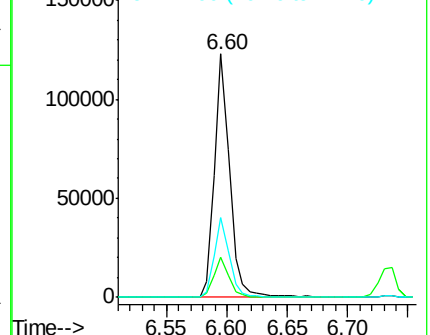
71 32.7 25.4 38.0



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: BF106861.D

Acq: 27 Jun 2018 9:03

Tgt Ion: 136 Resp: 145885

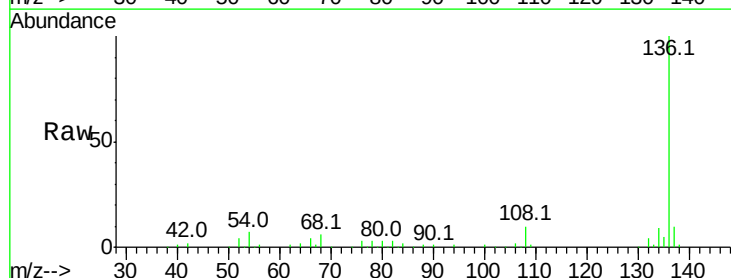
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.1 6.6 9.8

68 5.6 5.0 7.4

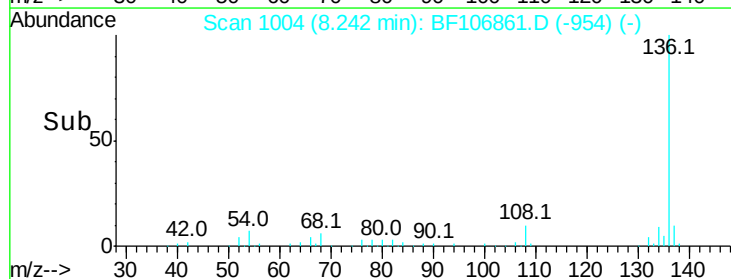
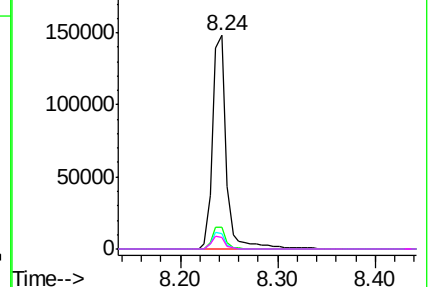


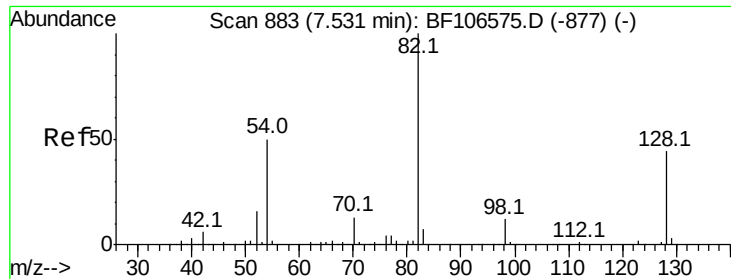
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.827 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106861.D

Acq: 27 Jun 2018 9:03

Instrument :

BNA_F

ClientSampleId :

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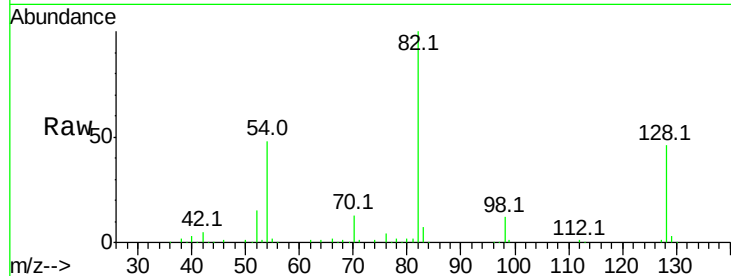
Tot Ion: 82 Resp: 235802

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

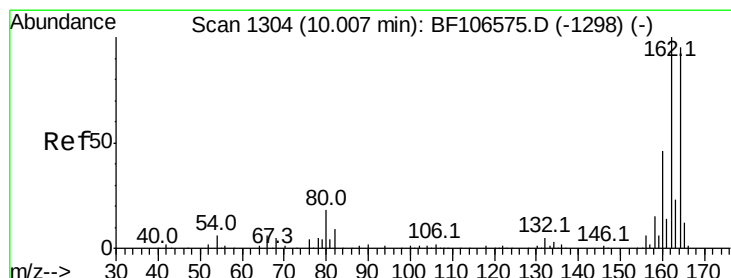
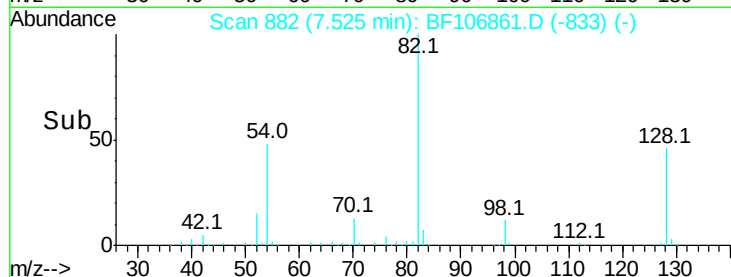
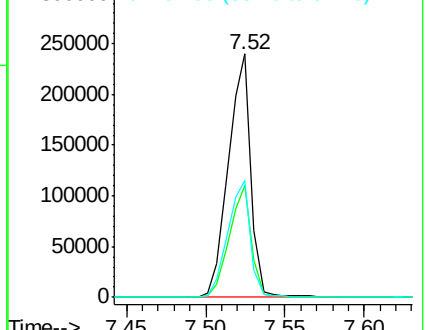
54 47.9 41.4 62.2



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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106861.D

Acq: 27 Jun 2018 9:03

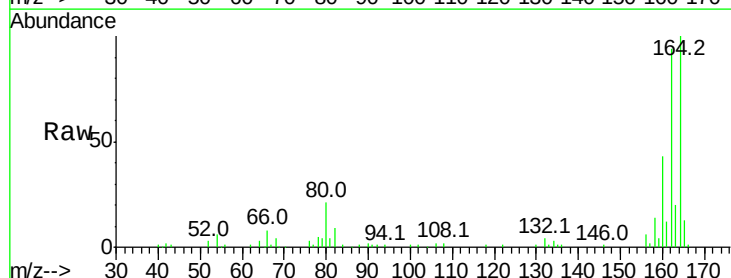
Tgt Ion: 164 Resp: 64519

Ion Ratio Lower Upper

164 100

162 93.7 86.1 129.1

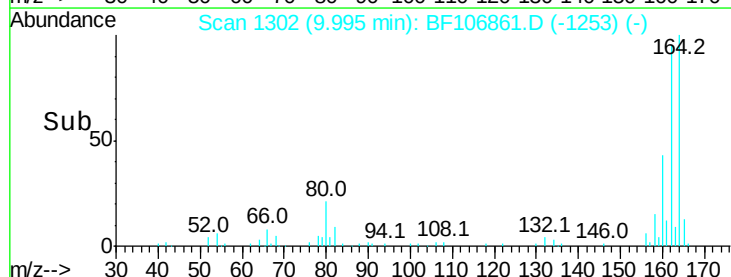
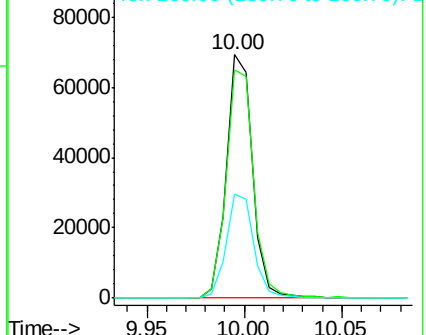
160 42.8 38.3 57.5

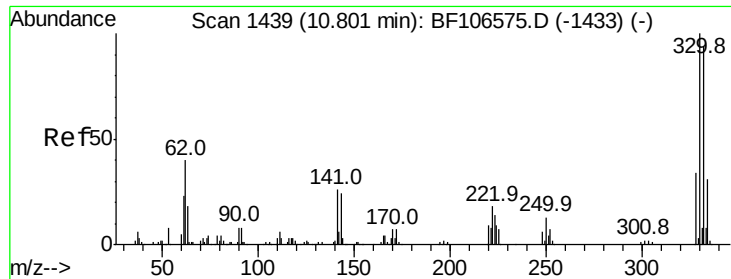


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

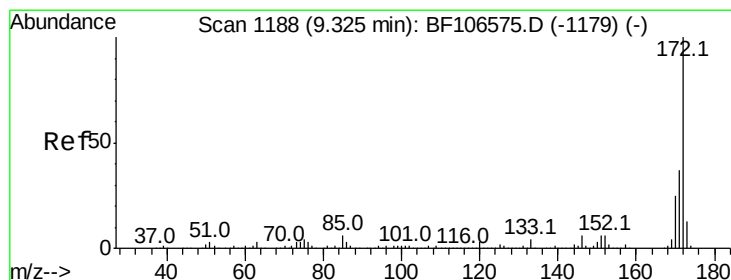
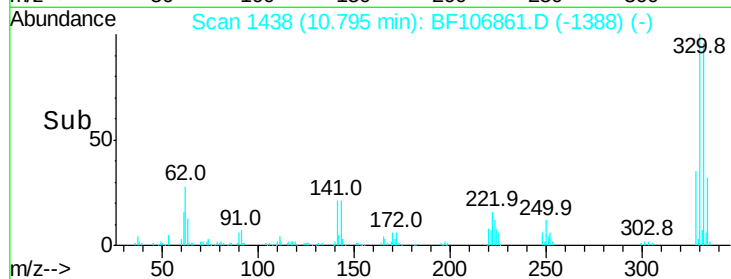
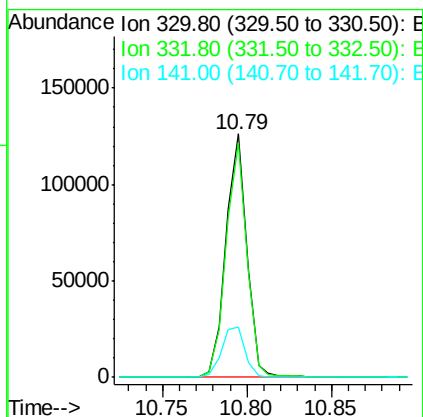
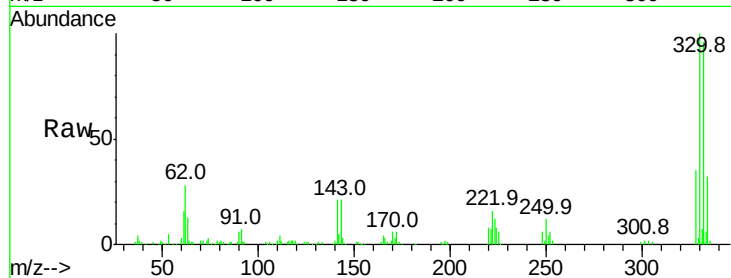




#41
 2,4,6-Tribromophenol
 Concen: 145.683 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106861.D
 Acq: 27 Jun 2018 9:03

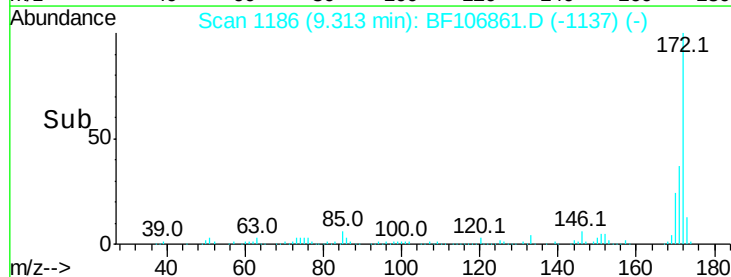
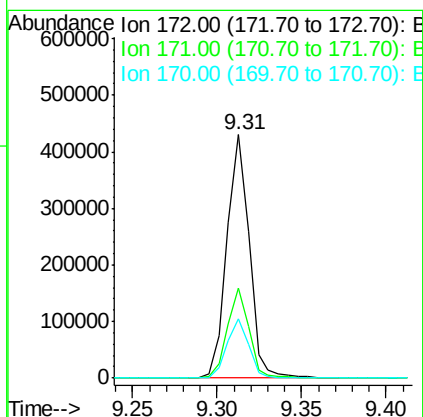
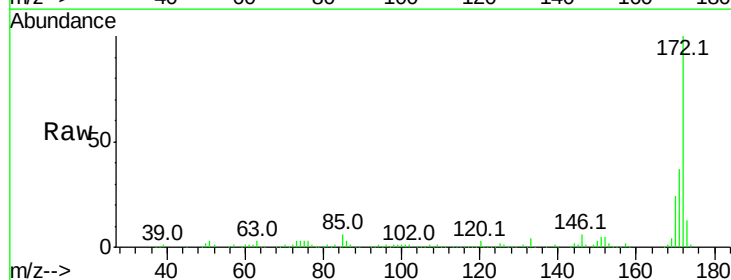
Instrument :
 BNA_F
 ClientSampleId :
 W-26

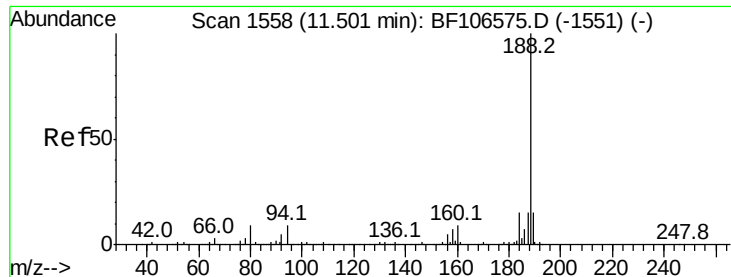
Tot Ion:330 Resp: 108941
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 23.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 108.135 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106861.D
 Acq: 27 Jun 2018 9:03

Tgt Ion:172 Resp: 396881
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.3 19.6 29.4

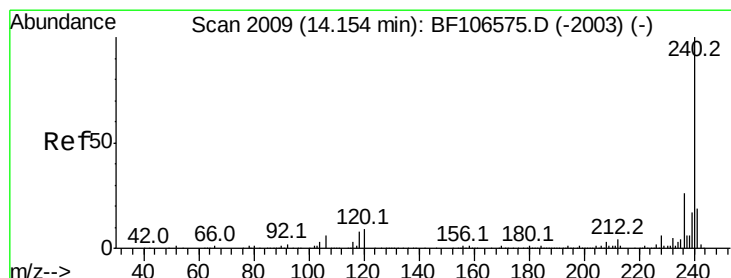
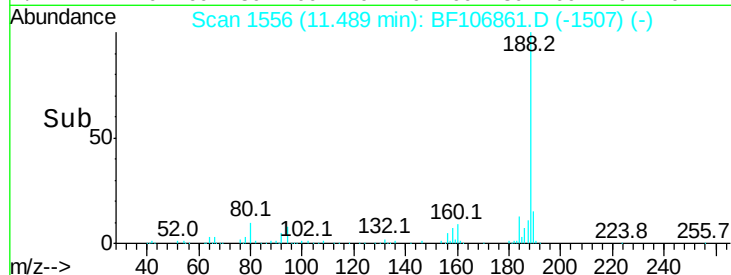
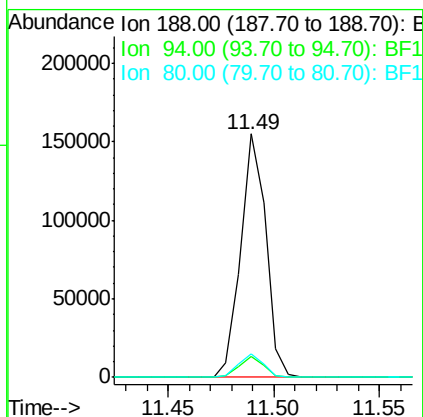
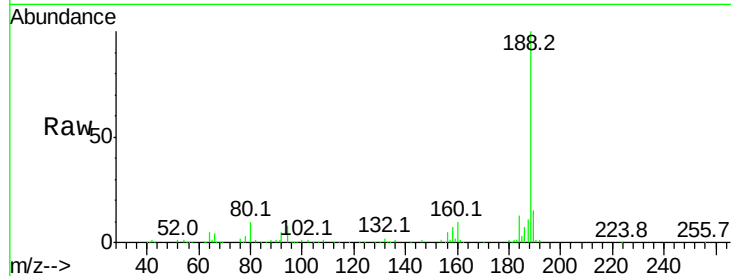




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106861.D
Acq: 27 Jun 2018 9:03

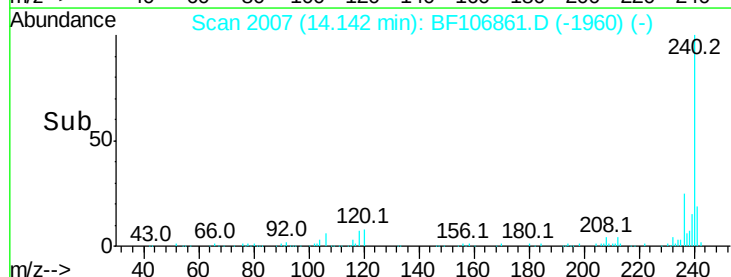
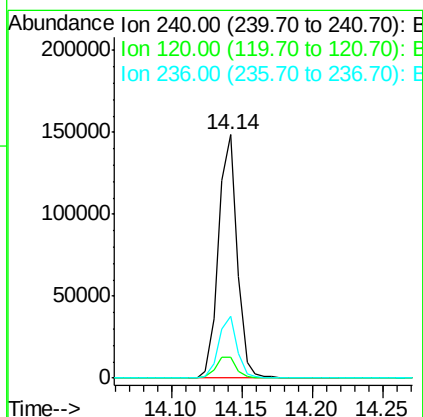
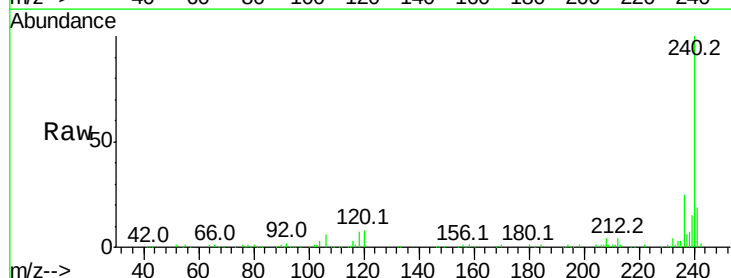
Instrument :
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ClientSampleId :
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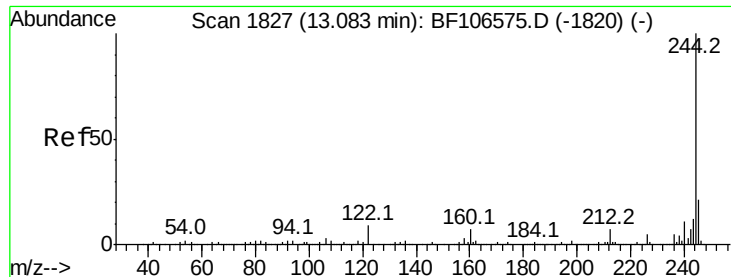
Tot Ion:188 Resp: 127829
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106861.D
Acq: 27 Jun 2018 9:03

Tgt Ion:240 Resp: 137010
Ion Ratio Lower Upper
240 100
120 8.4 9.5 14.3#
236 25.3 20.7 31.1

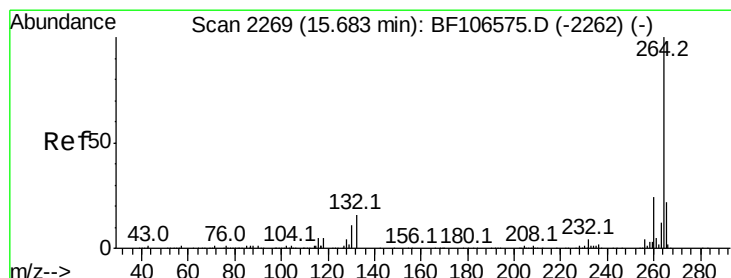
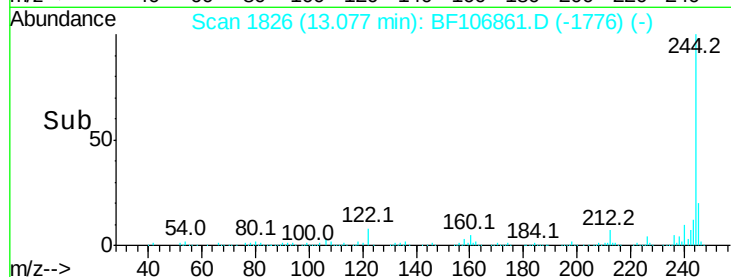
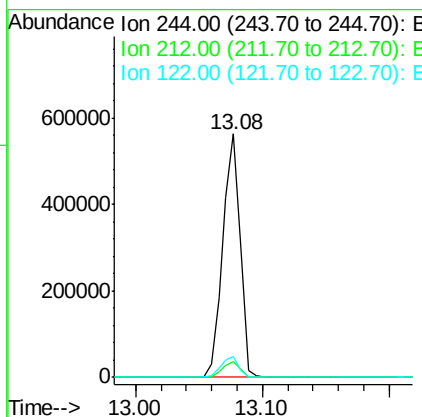
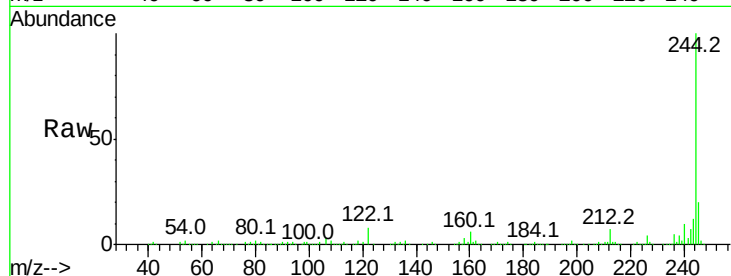




#78
 Terphenyl-d14
 Concen: 94.841 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106861.D
 Acq: 27 Jun 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Tot Ion:244 Resp: 536437
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 8.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106861.D
 Acq: 27 Jun 2018 9:03

Tgt Ion:264 Resp: 87754
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.0 17.5 26.3

