

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106779.D
 Acq On : 25 Jun 2018 18:49
 Operator : JU/SJ
 Sample : PB110541BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110541BL

Quant Time: Jun 26 02:22:35 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	6.95	152	51903	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	199523	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	108067	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	230067	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	180740	20.00	ng	-0.02
86) Perylene-d12	15.69	264	140217	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	340213	110.99	ng	0.00
7) Phenol-d6	6.60	99	433275	113.19	ng	-0.01
23) Nitrobenzene-d5	7.52	82	281677	78.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	163659	130.66	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	561818	88.63	ng	-0.01
78) Terphenyl-d14	13.08	244	732995	98.24	ng	0.00

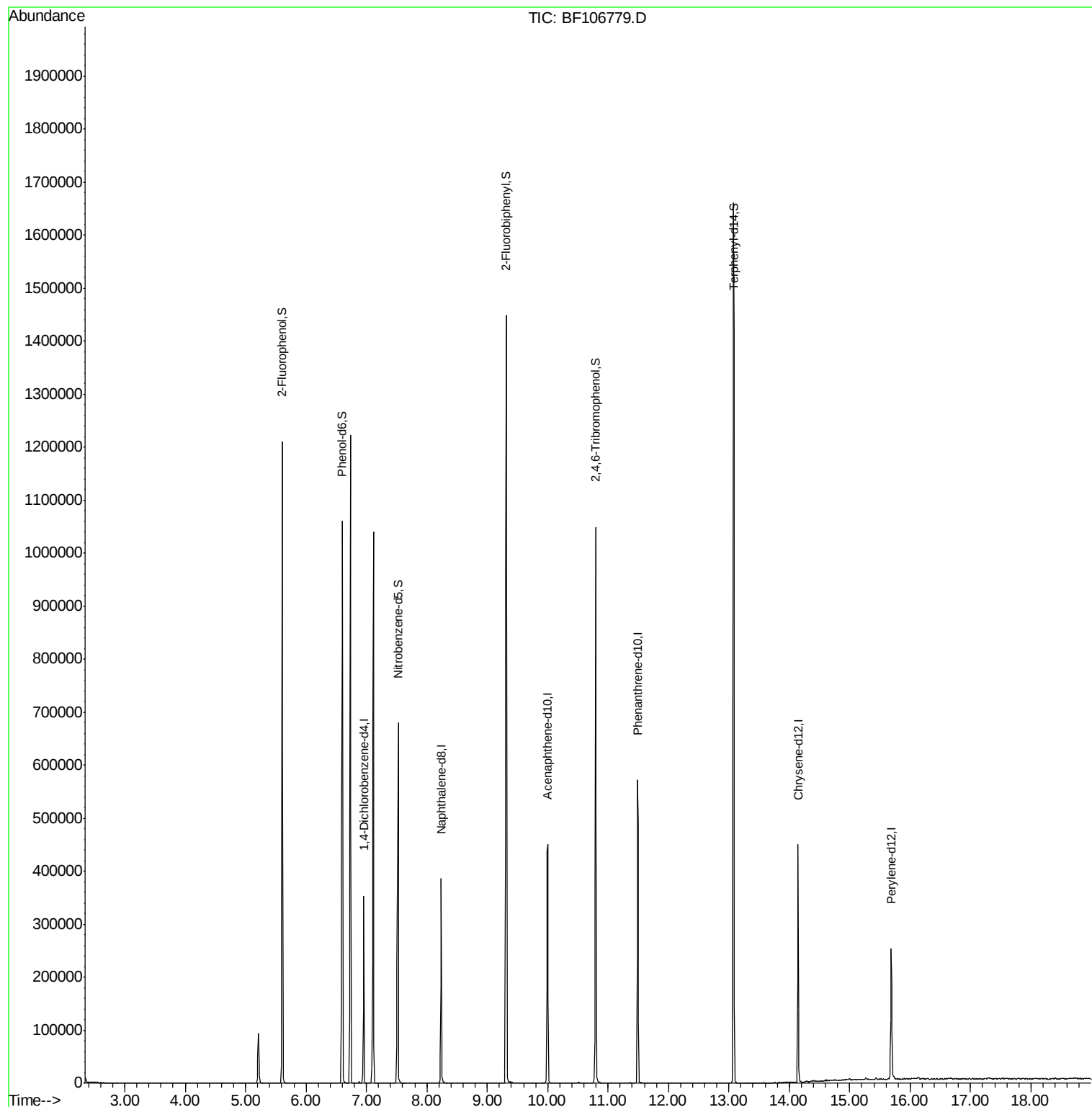
Target Compounds Qvalue

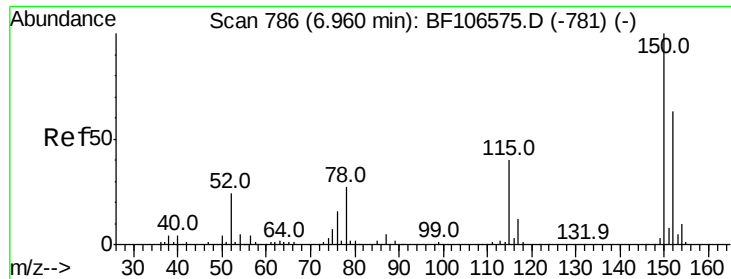
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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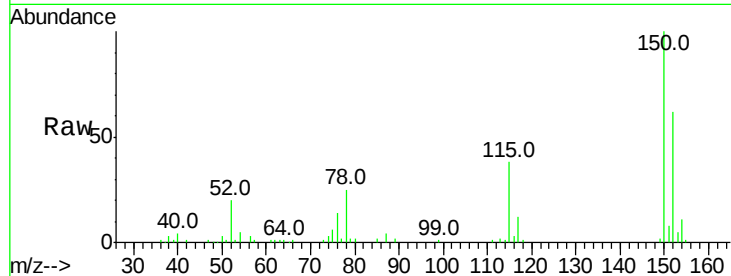


#1

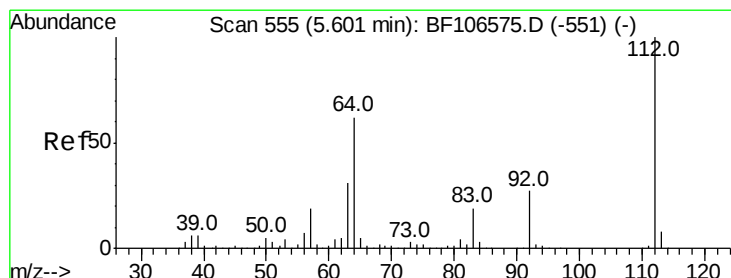
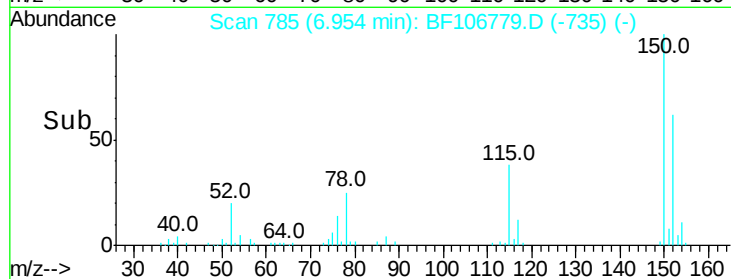
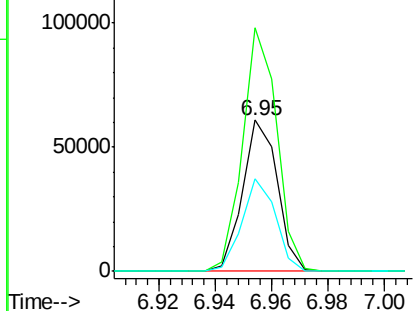
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

Instrument :
BNA_F
ClientSampleId :
PB110541BL

Tot Ion:152 Resp: 51903
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 61.0 50.1 75.1



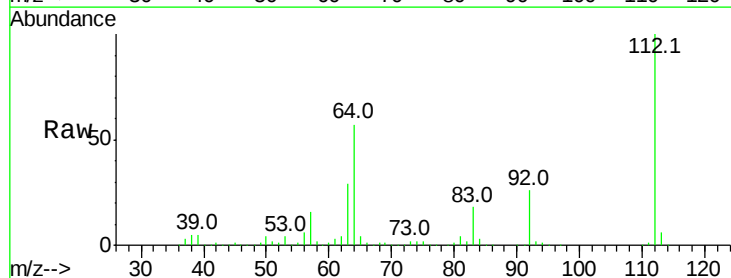
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



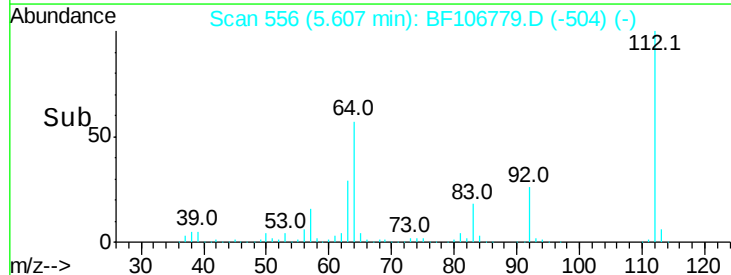
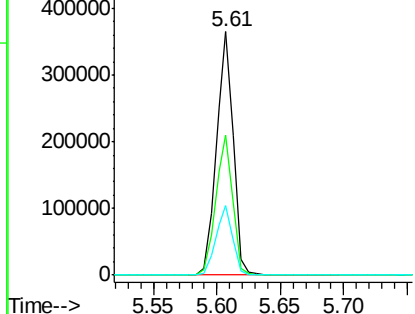
#5

2-Fluorophenol
Concen: 110.993 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

Tgt Ion:112 Resp: 340213
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.8 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: 113.192 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106779.D

Acq: 25 Jun 2018 18:49

Instrument :

BNA_F

ClientSampleId :

PB110541BL

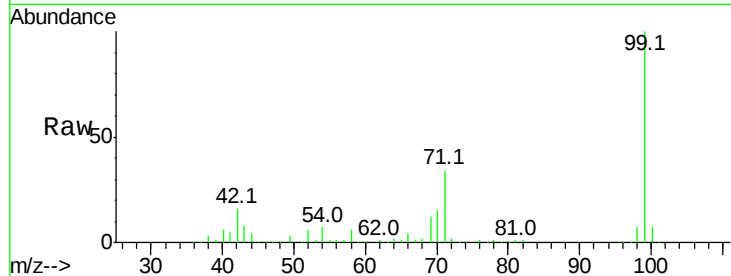
Tot Ion: 99 Resp: 433275

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

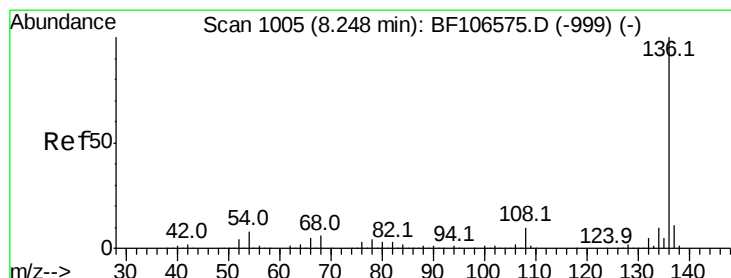
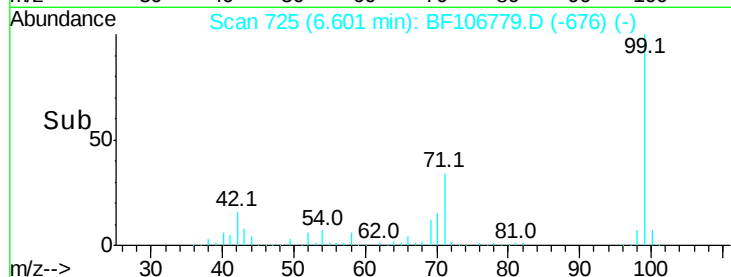
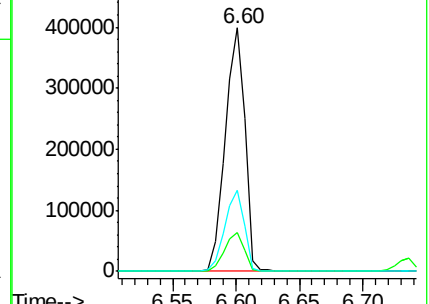
71 33.5 25.4 38.0



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: BF106779.D

Acq: 25 Jun 2018 18:49

Tgt Ion: 136 Resp: 199523

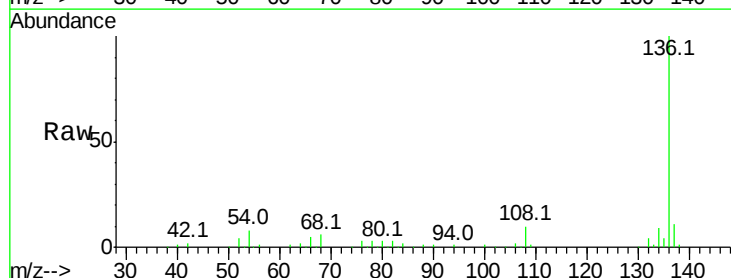
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 6.6 9.8

68 6.5 5.0 7.4

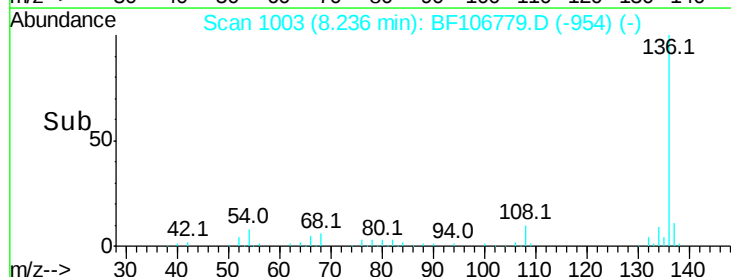
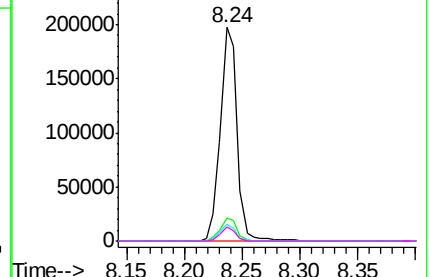


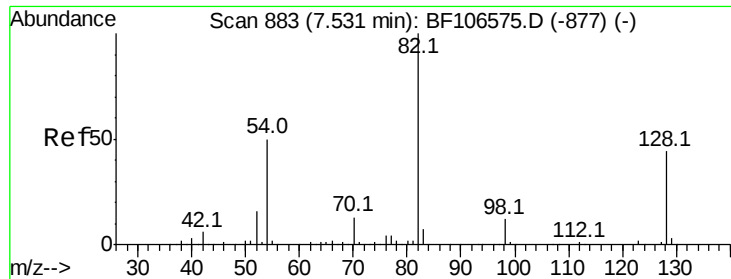
Abundance Ion 136.00 (135.70 to 136.70): E

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

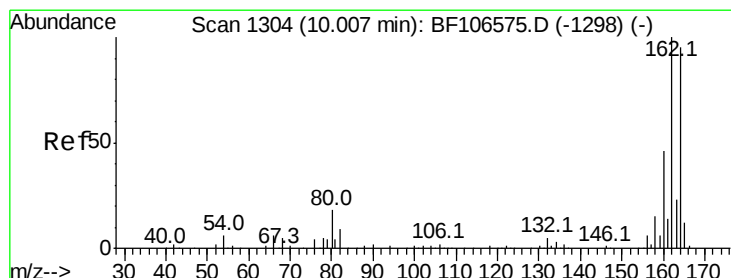
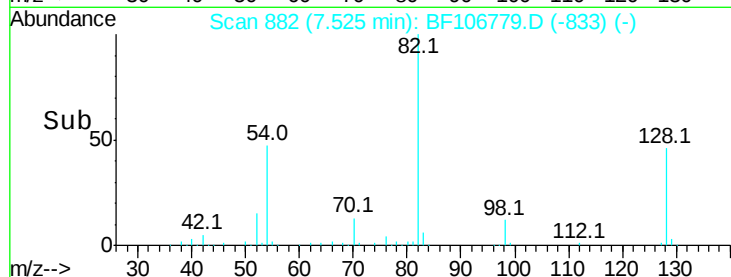
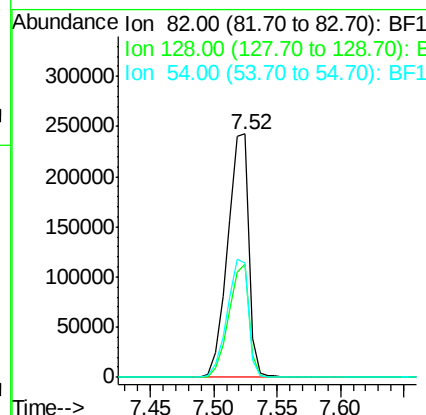
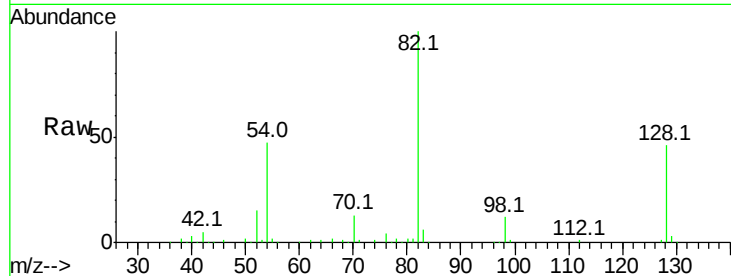




#23
 Nitrobenzene-d5
 Concen: 78.456 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106779.D
 Acq: 25 Jun 2018 18:49

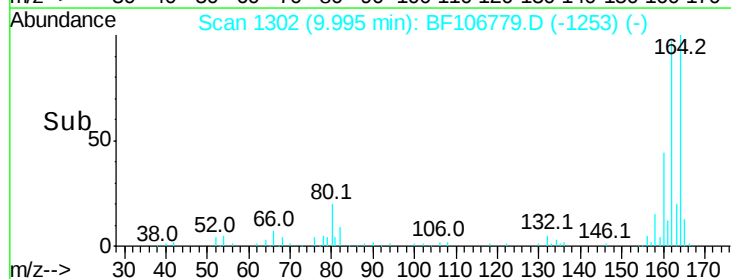
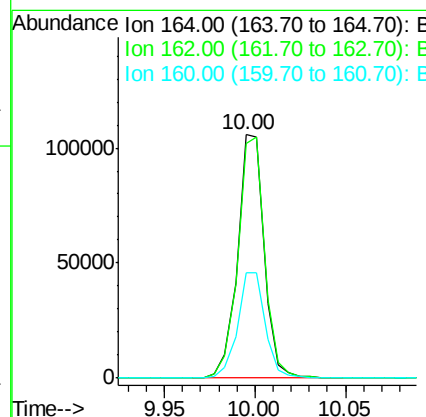
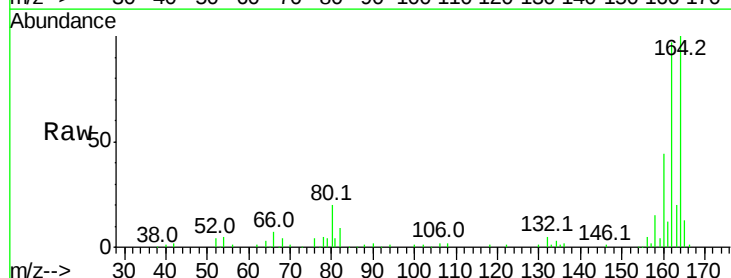
Instrument :
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 ClientSampleId :
 PB110541BL

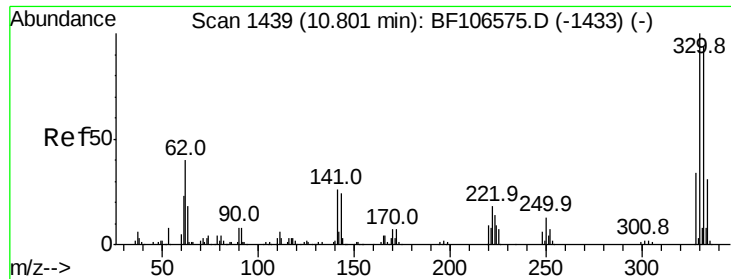
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	46.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106779.D
 Acq: 25 Jun 2018 18:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	86.1	129.1
160	43.5	38.3	57.5

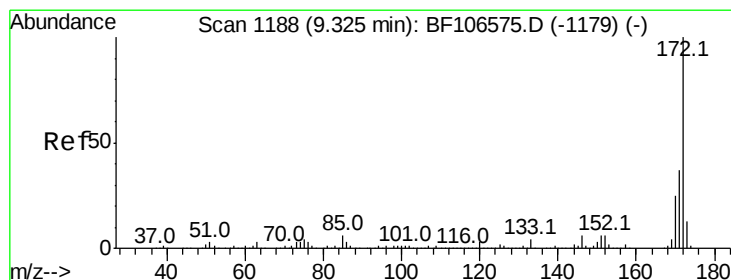
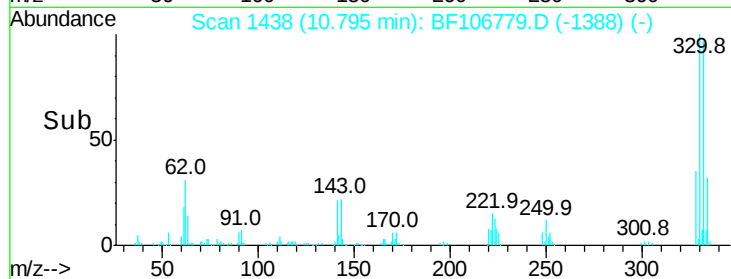
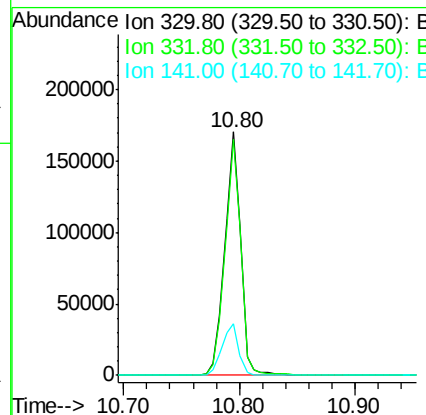
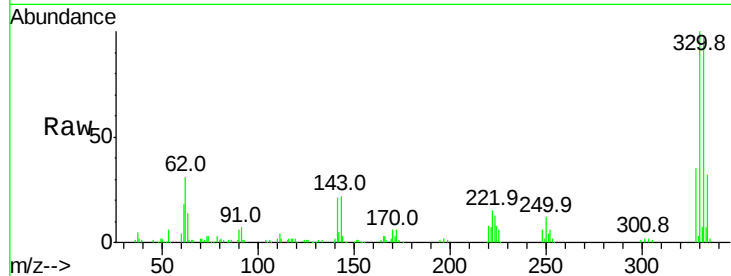




#41
 2,4,6-Tribromophenol
 Concen: 130.663 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106779.D
 Acq: 25 Jun 2018 18:49

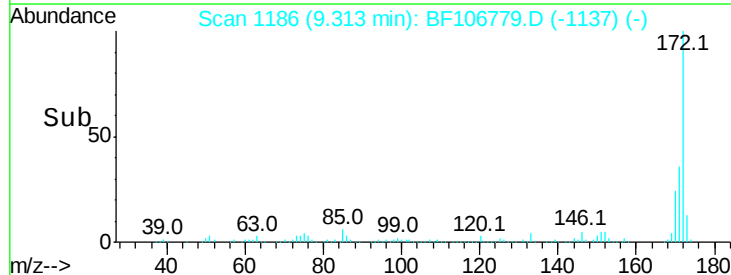
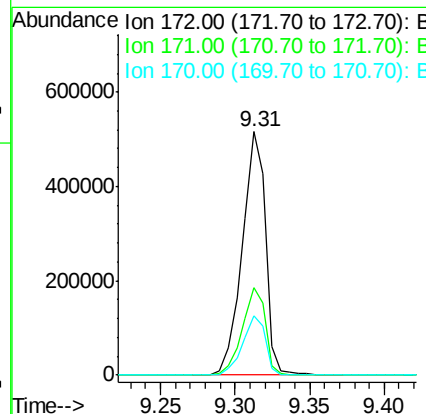
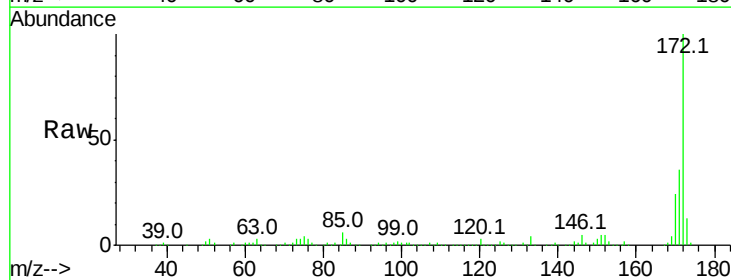
Instrument :
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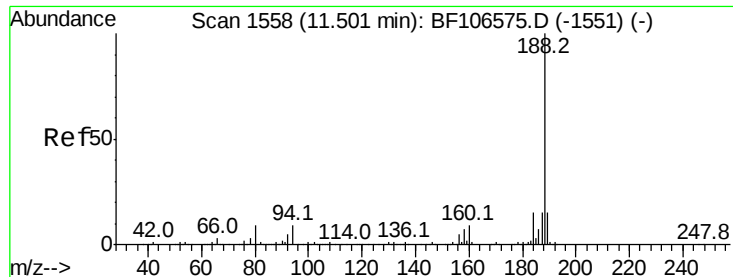
Tot Ion:330 Resp: 163659
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 22.2 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 88.625 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106779.D
 Acq: 25 Jun 2018 18:49

Tgt Ion:172 Resp: 561818
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.1 19.6 29.4

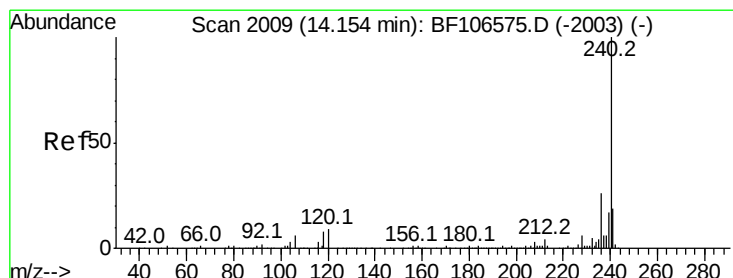
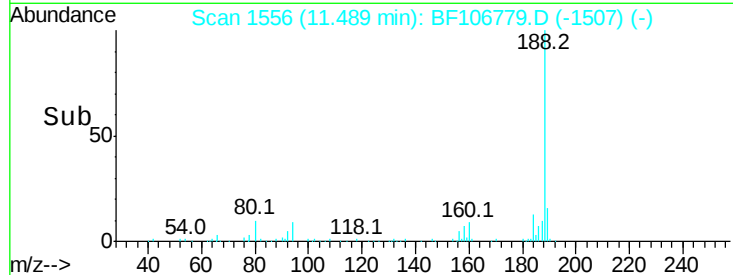
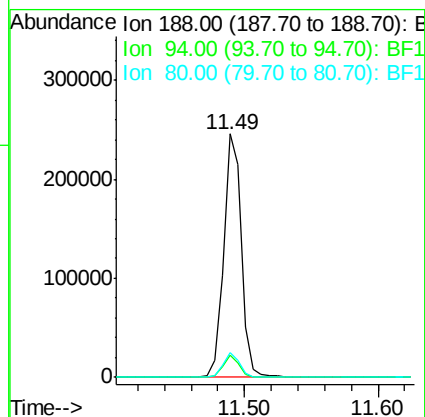
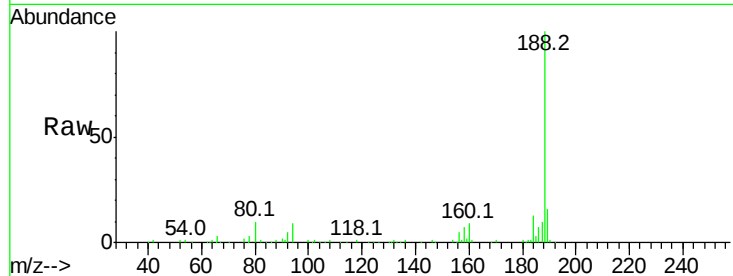




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

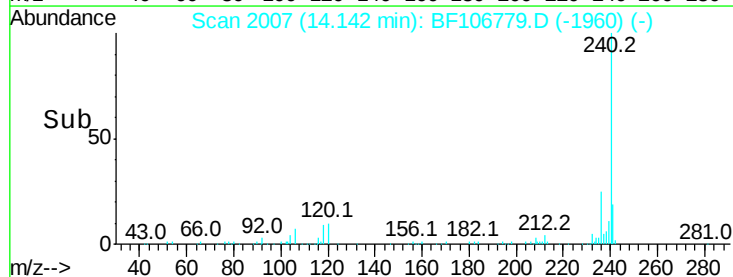
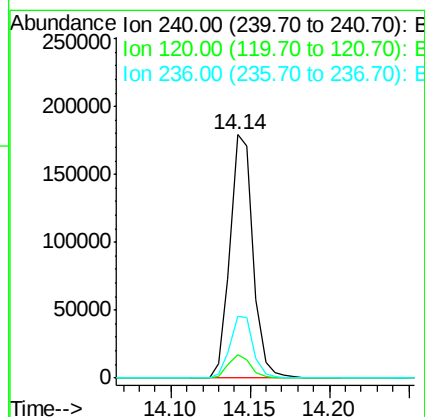
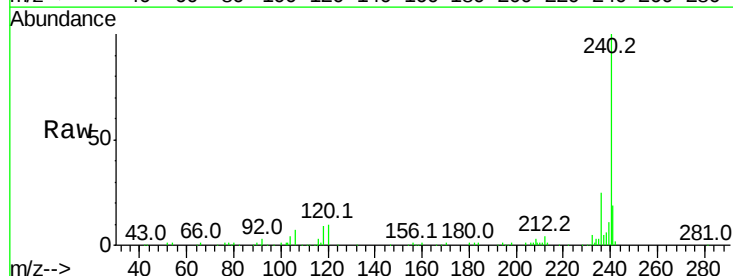
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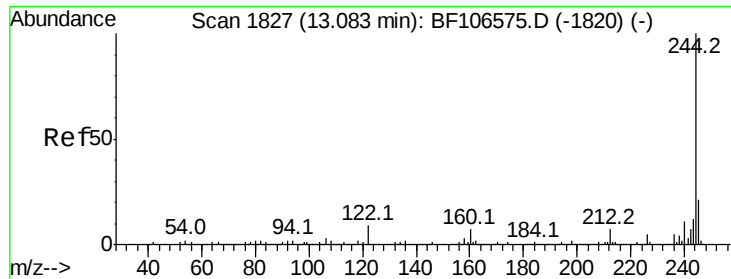
Tot Ion:188 Resp: 230067
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

Tgt Ion:240 Resp: 180740
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.3 20.7 31.1

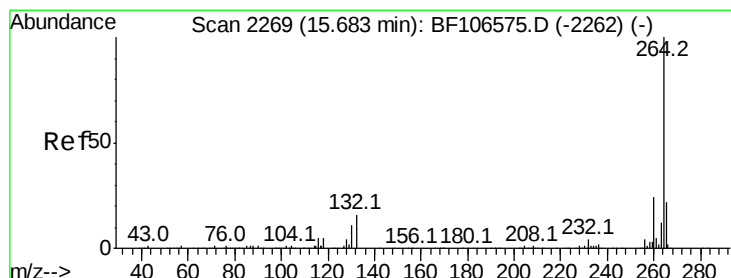
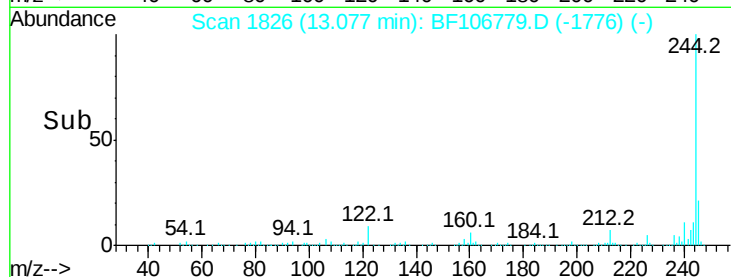
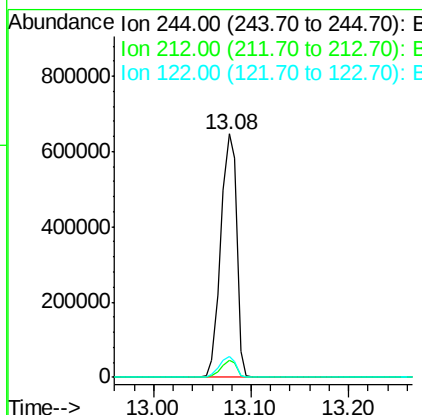
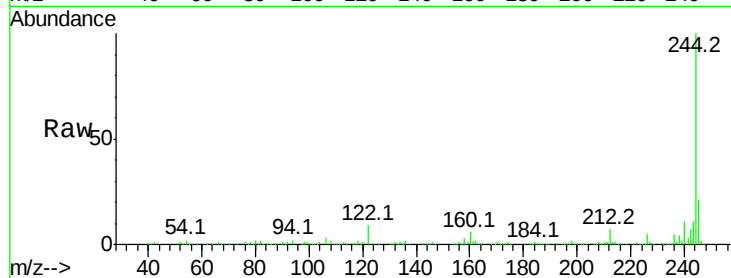




#78
 Terphenyl-d14
 Concen: 98.237 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106779.D
 Acq: 25 Jun 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB110541BL

Tot Ion:244 Resp: 732995
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 8.8 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: BF106779.D
 Acq: 25 Jun 2018 18:49

Tgt Ion:264 Resp: 140217
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.7 17.5 26.3

