

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106927.D
 Acq On : 28 Jun 2018 18:15
 Operator : JU/SJ
 Sample : PB110677BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BL

Quant Time: Jun 28 19:15:43 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	70798	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	271219	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	138873	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	289837	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	232028	20.00	ng	-0.03
86) Perylene-d12	15.68	264	181900	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	498117	119.14	ng	0.00
7) Phenol-d6	6.60	99	621375	119.01	ng	-0.02
23) Nitrobenzene-d5	7.52	82	394808	80.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	232618	144.52	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	776228	96.63	ng	-0.02
78) Terphenyl-d14	13.07	244	940172	98.15	ng	-0.01

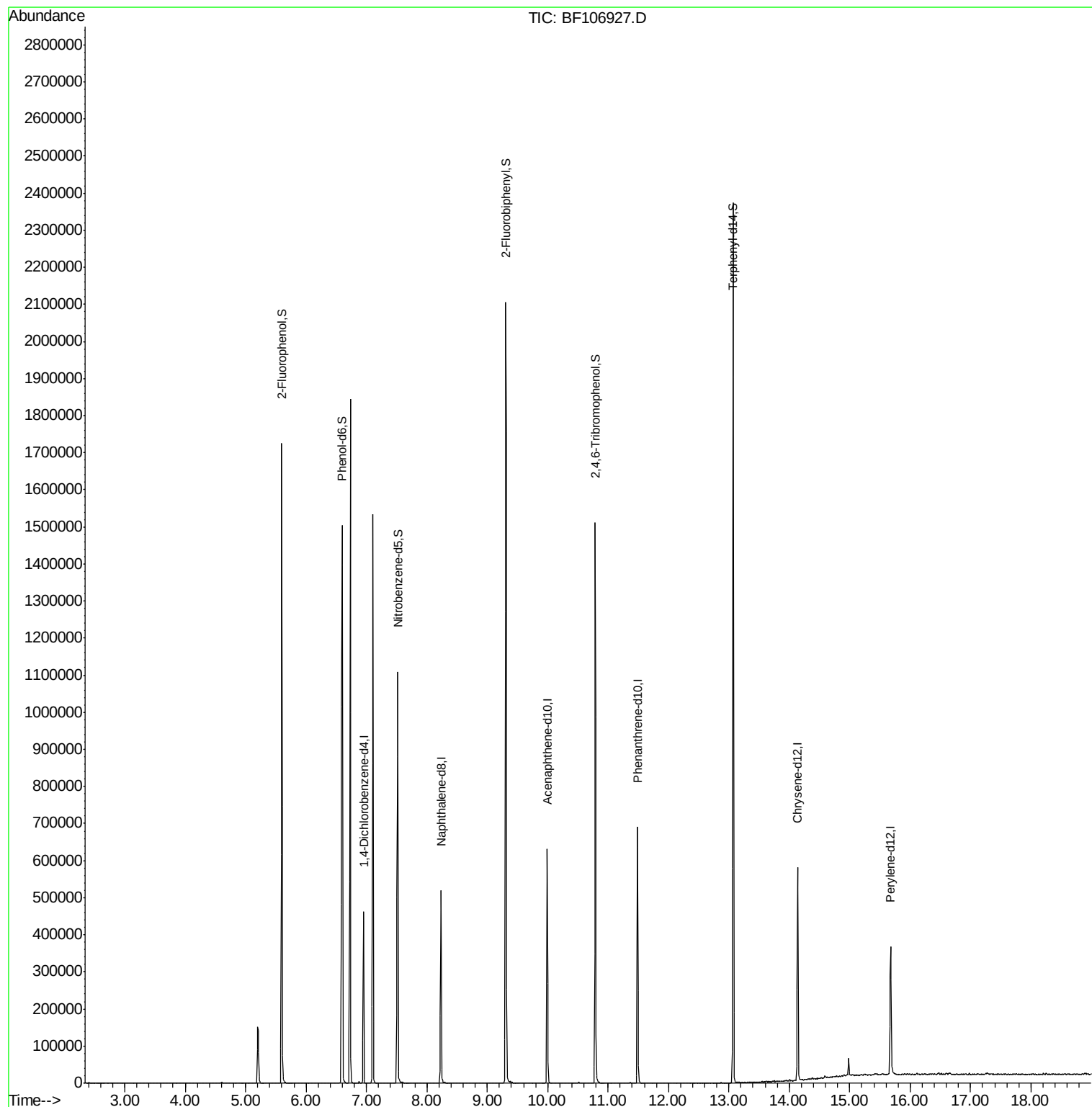
Target Compounds Qvalue

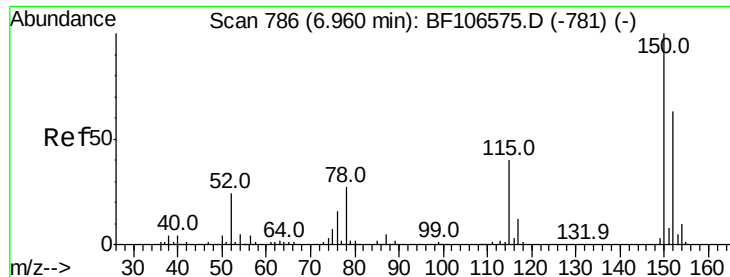
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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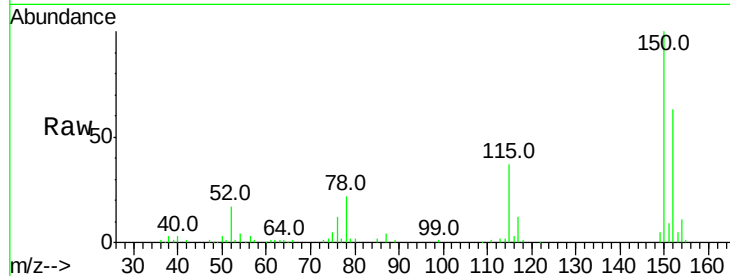


#1

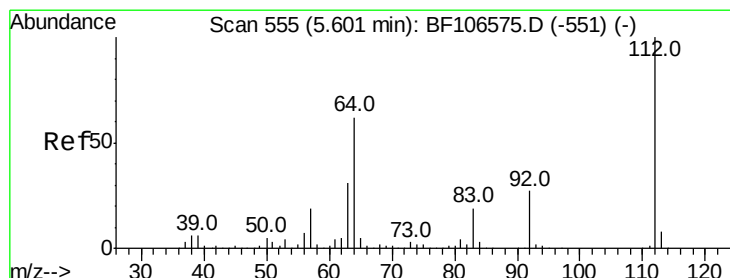
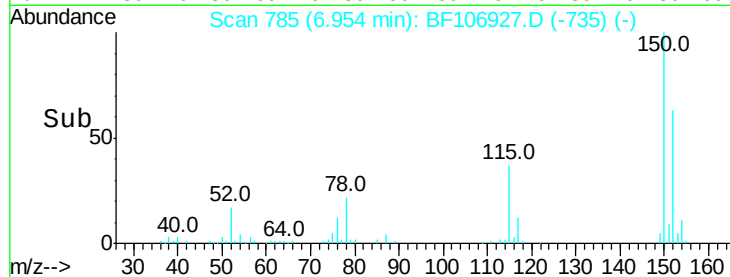
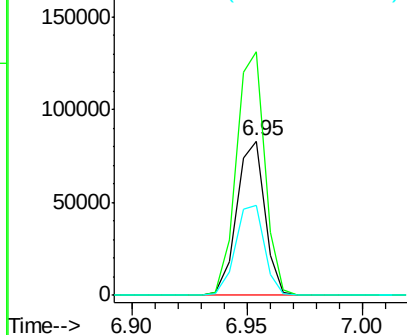
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106927.D
Acq: 28 Jun 2018 18:15

Instrument :
BNA_F
ClientSampleId :
PB110677BL

Tot Ion:152 Resp: 70798
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 58.2 50.1 75.1



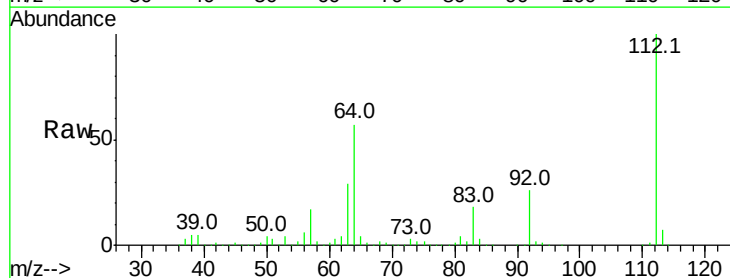
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



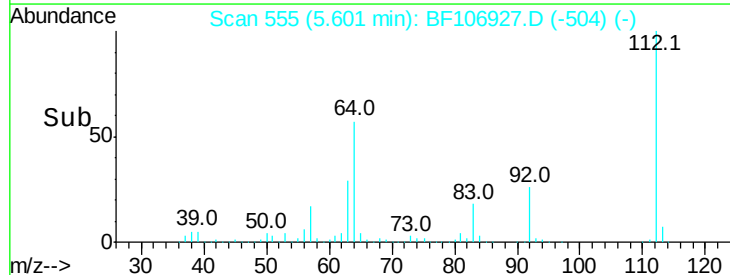
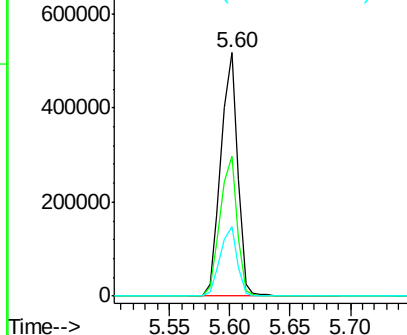
#5

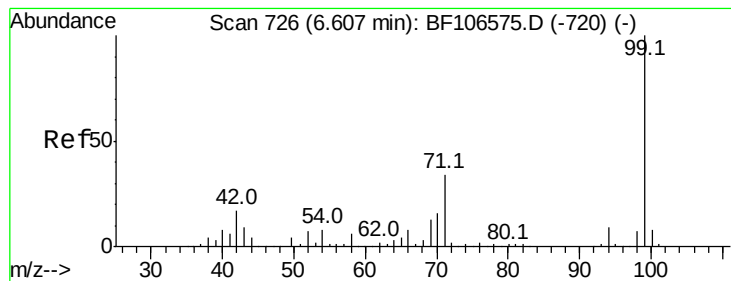
2-Fluorophenol
Concen: 119.138 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106927.D
Acq: 28 Jun 2018 18:15

Tgt Ion:112 Resp: 498117
Ion Ratio Lower Upper
112 100
64 57.5 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: 119.008 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106927.D

Acq: 28 Jun 2018 18:15

Instrument :

BNA_F

ClientSampleId :

PB110677BL

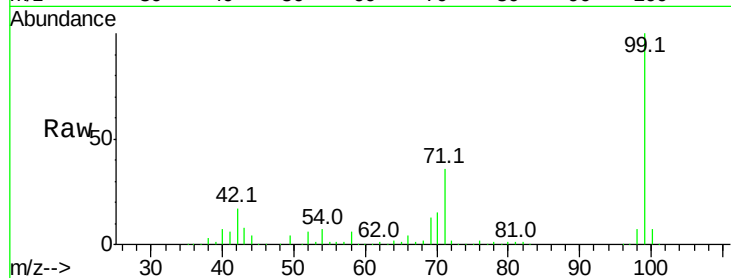
Tot Ion: 99 Resp: 621375

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

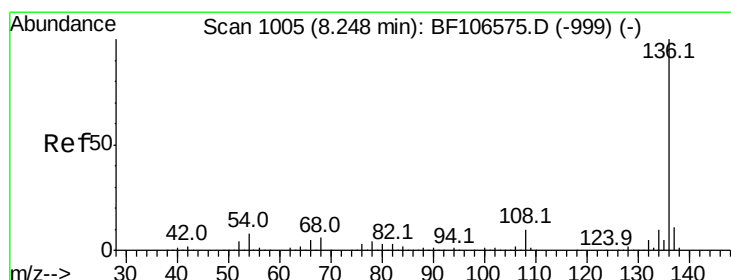
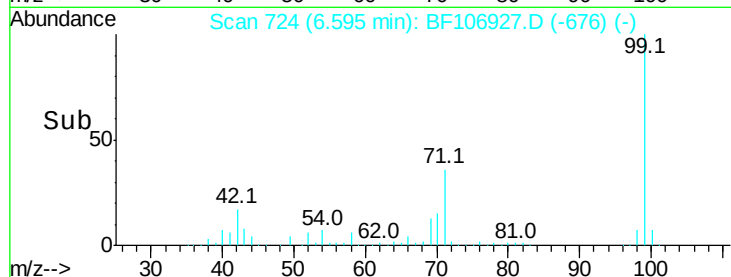
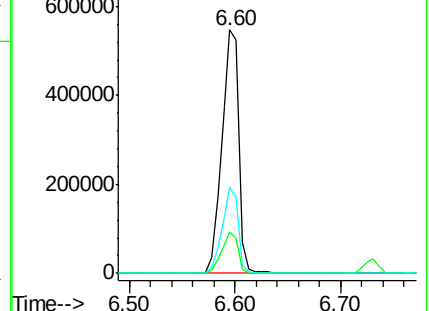
71 35.5 25.4 38.0



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: BF106927.D

Acq: 28 Jun 2018 18:15

Tgt Ion: 136 Resp: 271219

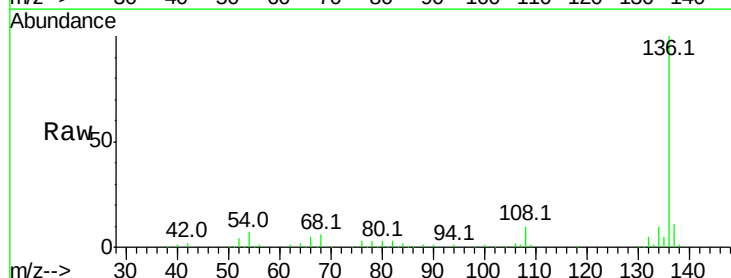
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.2 6.6 9.8

68 6.0 5.0 7.4

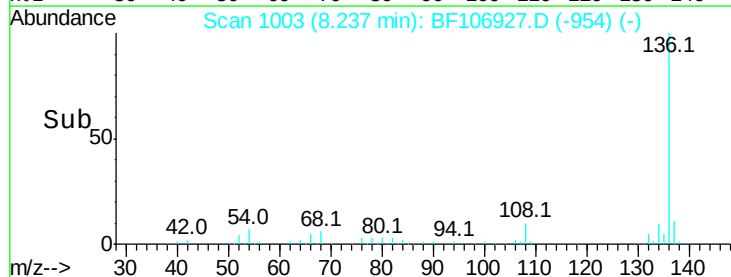
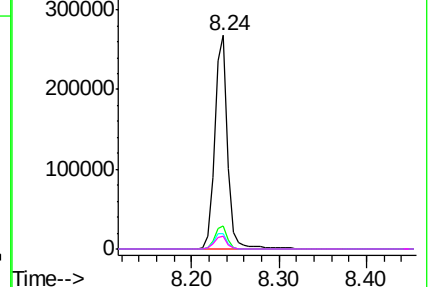


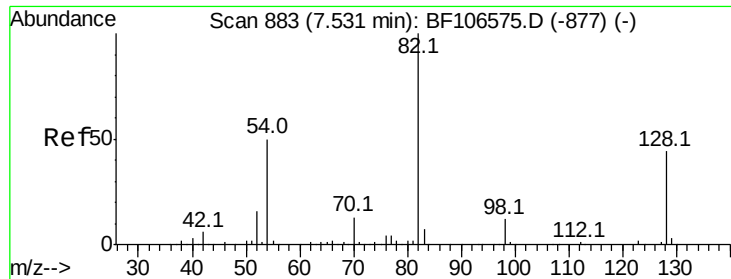
Abundance Ion 136.00 (135.70 to 136.70): E

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

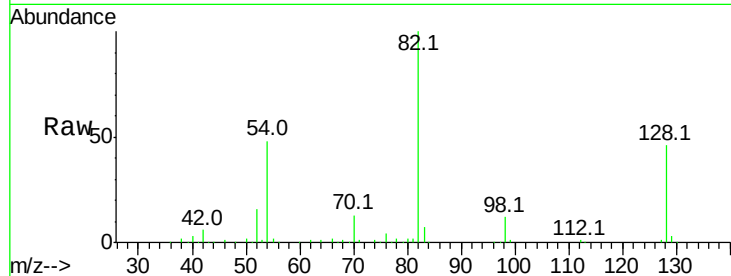




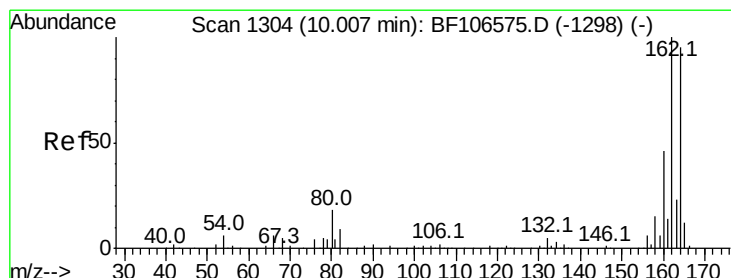
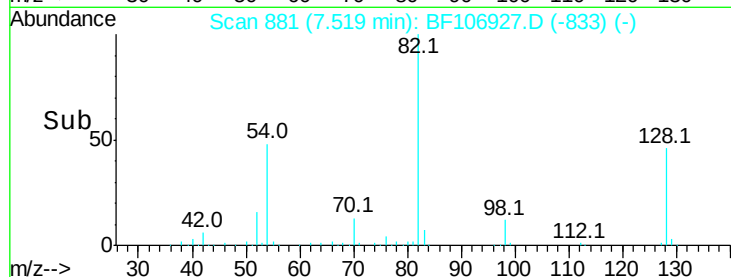
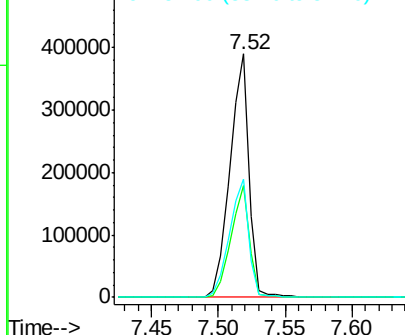
#23
Nitrobenzene-d5
Concen: 80.897 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106927.D
Acq: 28 Jun 2018 18:15

Instrument :
BNA_F
ClientSampleId :
PB110677BL

Tot Ion	82	Resp	394808
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	48.3	41.4	62.2

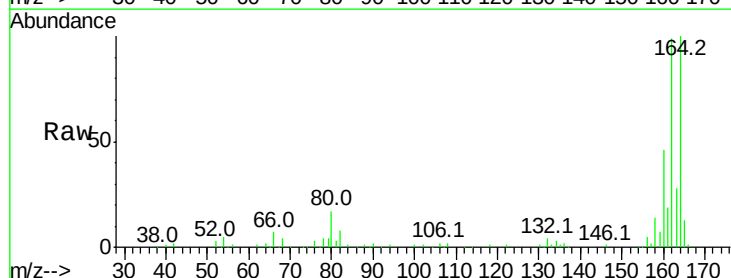


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

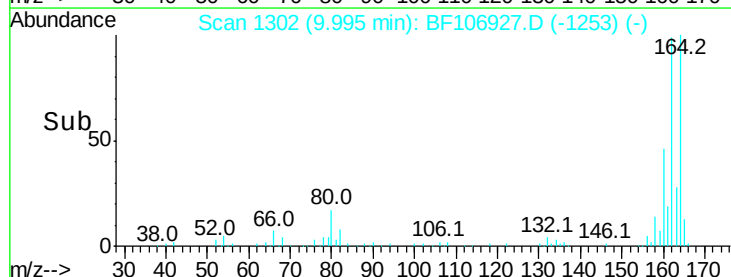
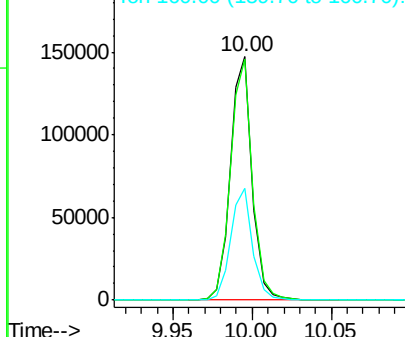


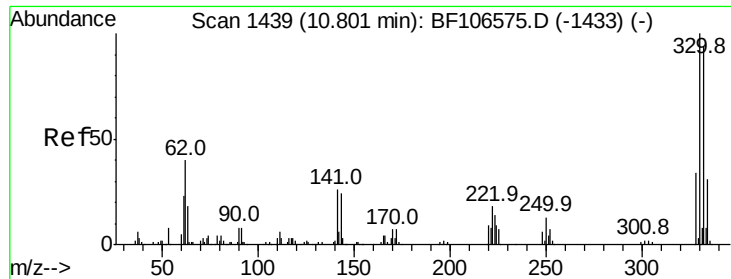
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106927.D
Acq: 28 Jun 2018 18:15

Tgt Ion	164	Resp	138873
Ion	Ratio	Lower	Upper
164	100		
162	99.0	86.1	129.1
160	46.0	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: 144.521 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF106927.D

Acq: 28 Jun 2018 18:15

Instrument :

BNA_F

ClientSampleId :

PB110677BL

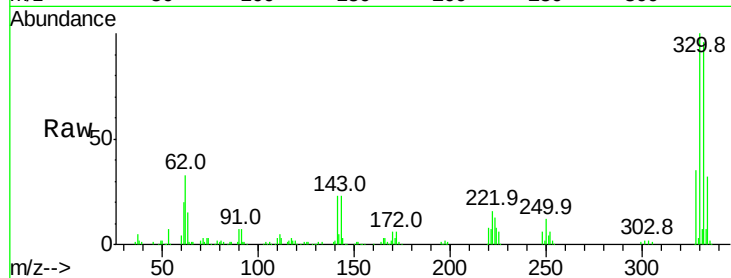
Tot Ion:330 Resp: 232618

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

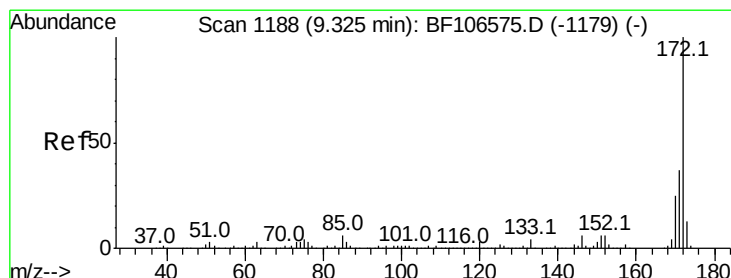
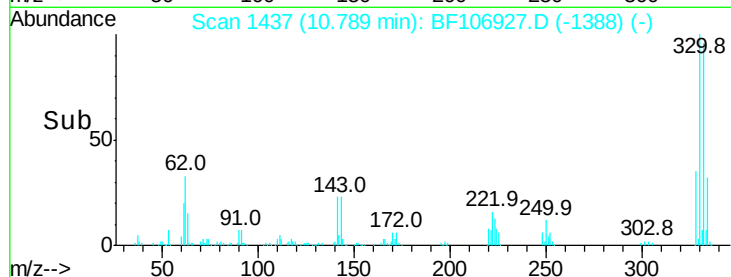
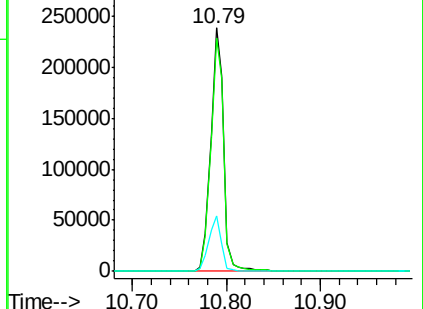
141 22.4 29.9 44.9#



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: 96.627 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF106927.D

Acq: 28 Jun 2018 18:15

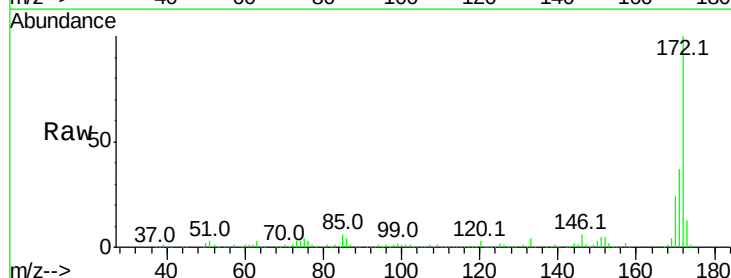
Tgt Ion:172 Resp: 776228

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

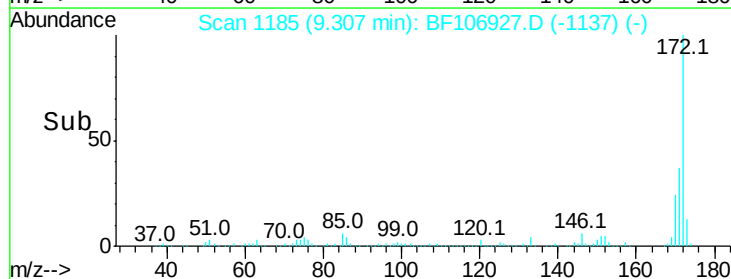
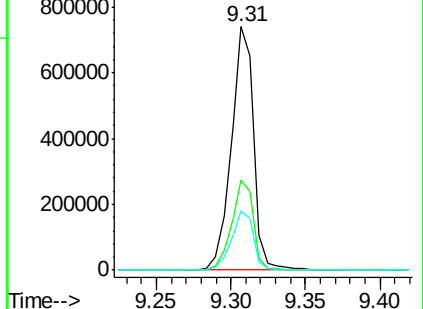
170 24.2 19.6 29.4

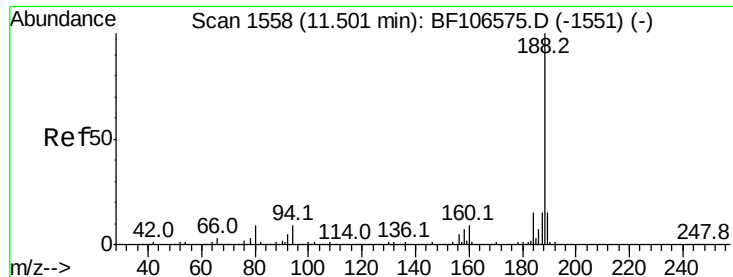


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

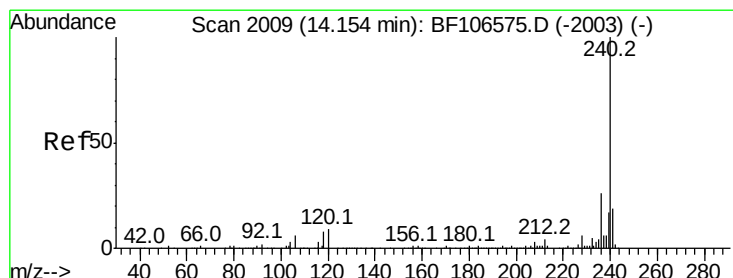
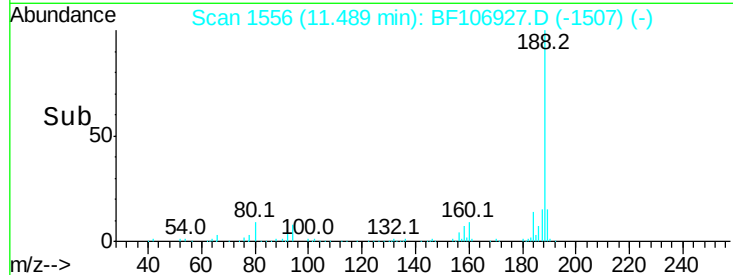
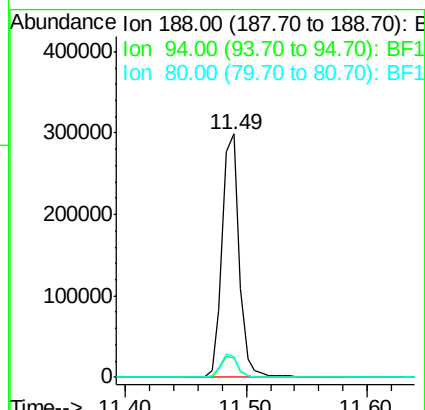
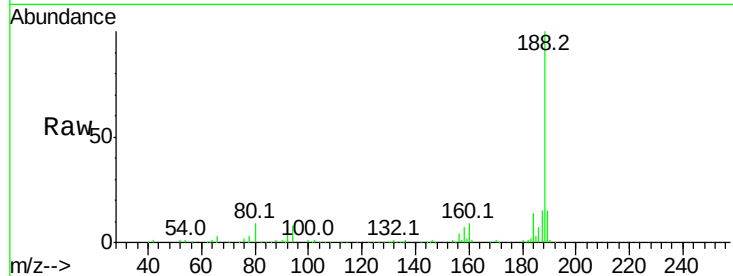




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106927.D
Acq: 28 Jun 2018 18:15

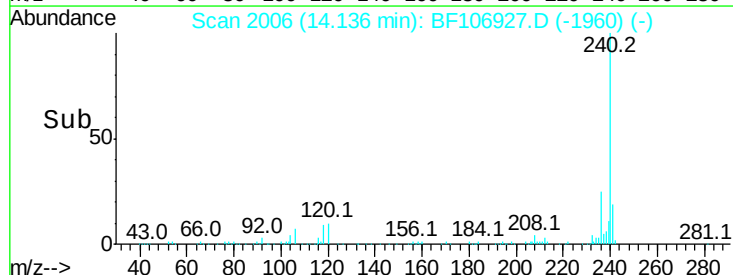
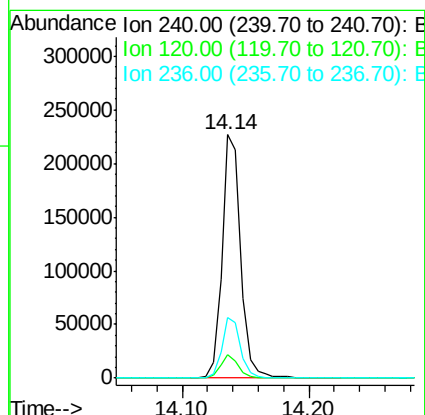
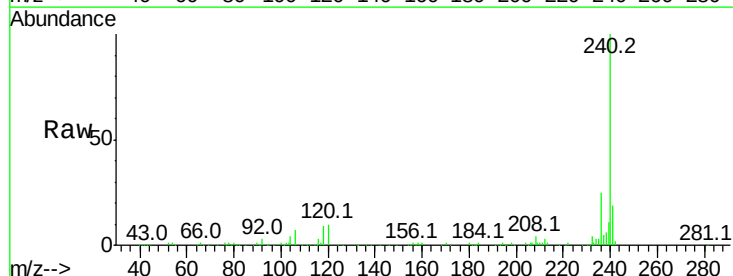
Instrument :
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ClientSampleId :
PB110677BL

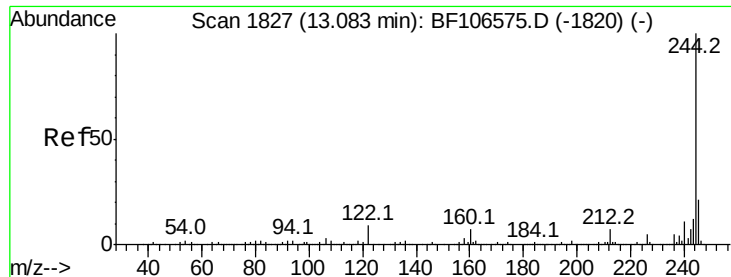
Tot Ion:188 Resp: 289837
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.5 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106927.D
Acq: 28 Jun 2018 18:15

Tgt Ion:240 Resp: 232028
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 98.151 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106927.D

Acq: 28 Jun 2018 18:15

Instrument :

BNA_F

ClientSampleId :

PB110677BL

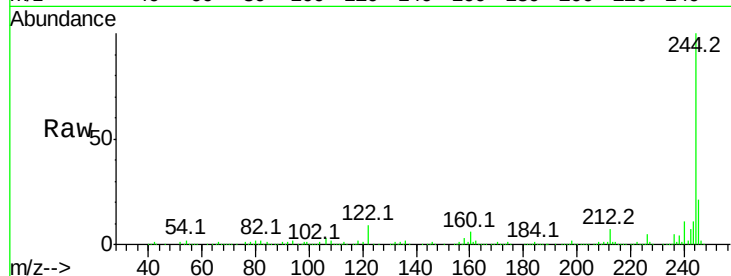
Tot Ion:244 Resp: 940172

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

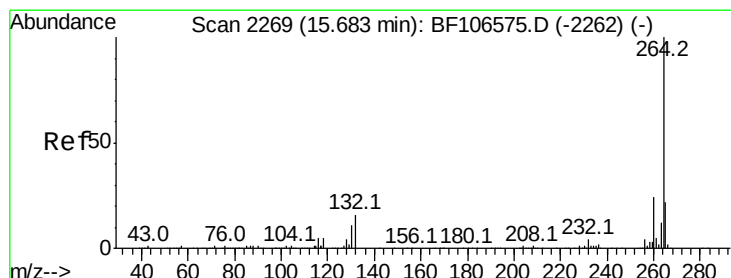
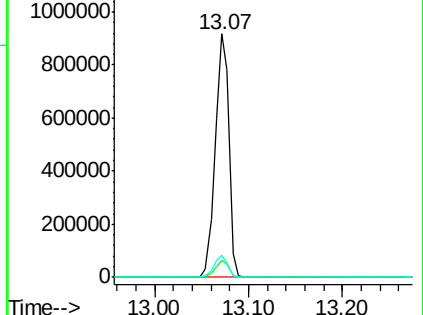
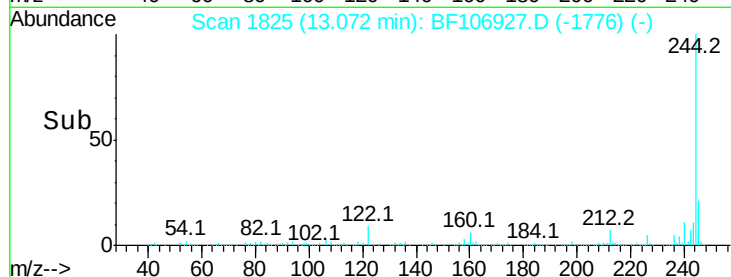
122 9.0 11.0 16.4#



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: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF106927.D

Acq: 28 Jun 2018 18:15

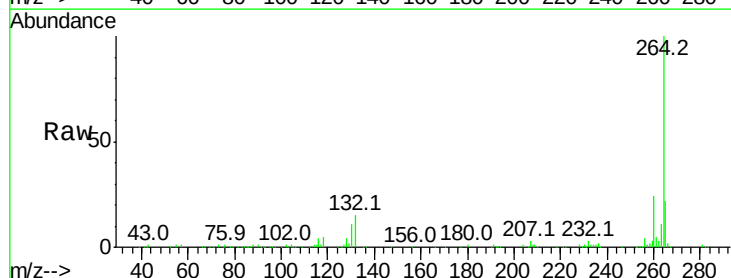
Tgt Ion:264 Resp: 181900

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.9 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

