

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106584.D
 Acq On : 19 Jun 2018 16:13
 Operator : JU/SJ
 Sample : PB110378BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110378BL

Quant Time: Jun 19 17:45:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	100858	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	384426	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	185992	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	386048	20.00	ng	0.00
75) Chrysene-d12	14.15	240	285339	20.00	ng	0.00
86) Perylene-d12	15.70	264	241902	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	702250	117.90	ng	0.00
7) Phenol-d6	6.60	99	882688	118.67	ng	0.00
23) Nitrobenzene-d5	7.52	82	605122	87.48	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	290860	134.93	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1077264	100.77	ng	0.00
78) Terphenyl-d14	13.08	244	1251510	106.24	ng	0.00

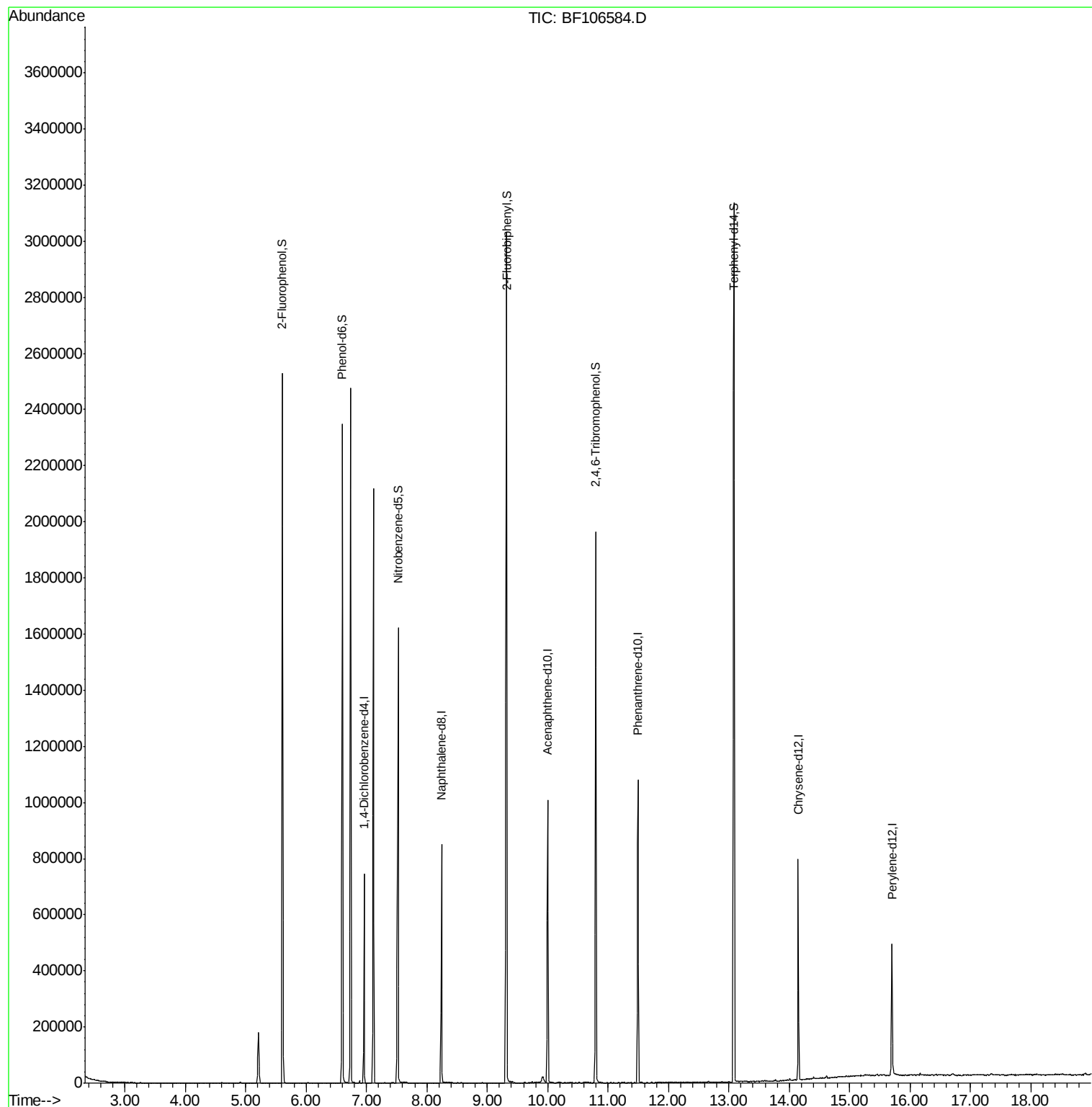
Target Compounds Qvalue

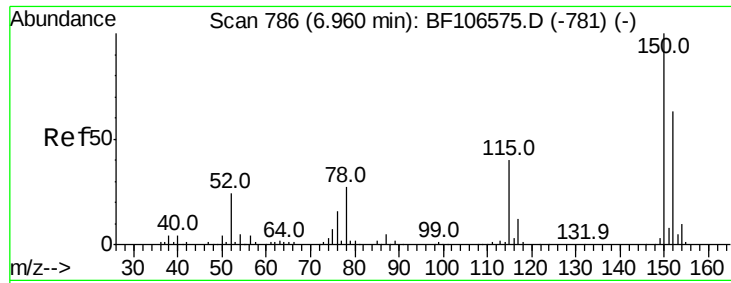
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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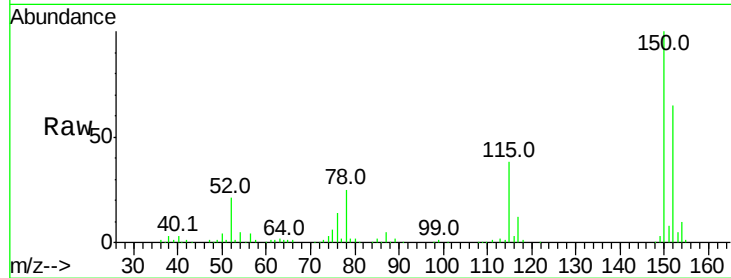


#1

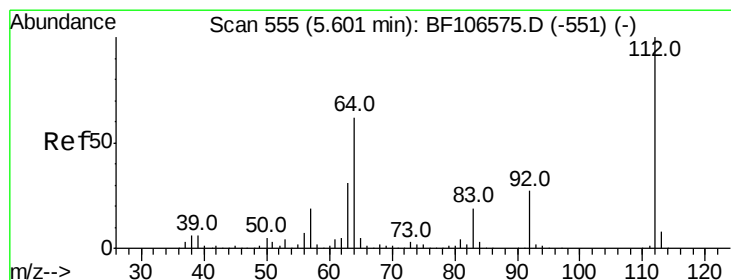
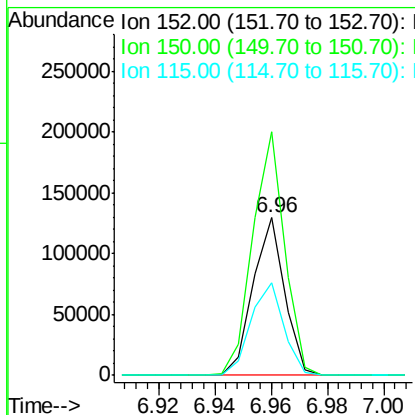
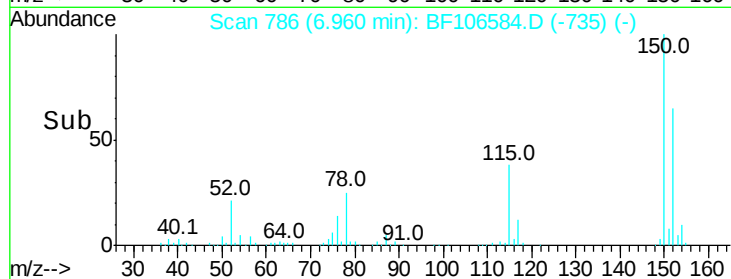
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106584.D
 Acq: 19 Jun 2018 16:13

Instrument :
 BNA_F
 ClientSampled :
 PB110378BL

Tot Ion:152 Resp: 100858
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 58.7 50.1 75.1



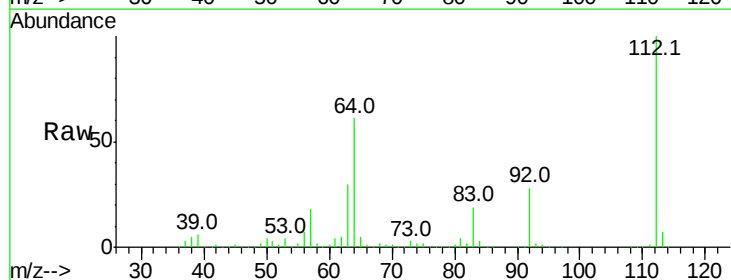
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



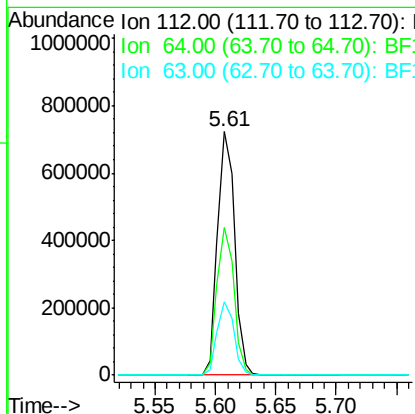
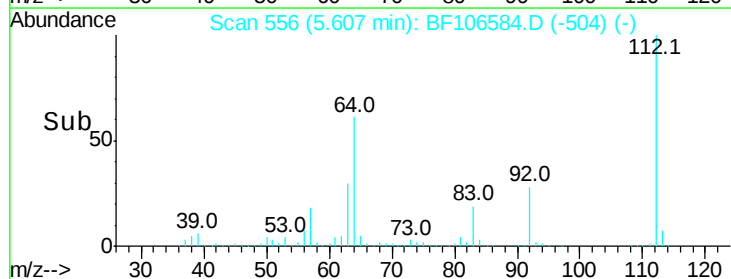
#5

2-Fluorophenol
 Concen: 117.902 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF106584.D
 Acq: 19 Jun 2018 16:13

Tgt Ion:112 Resp: 702250
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.9 71.9
 63 30.4 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: 118.670 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106584.D

Acq: 19 Jun 2018 16:13

Instrument :

BNA_F

ClientSampleId :

PB110378BL

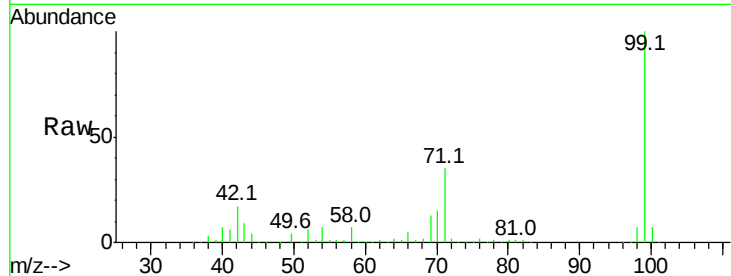
Tot Ion: 99 Resp: 882688

Ion Ratio Lower Upper

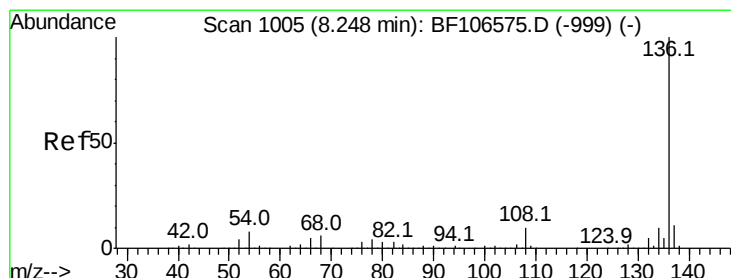
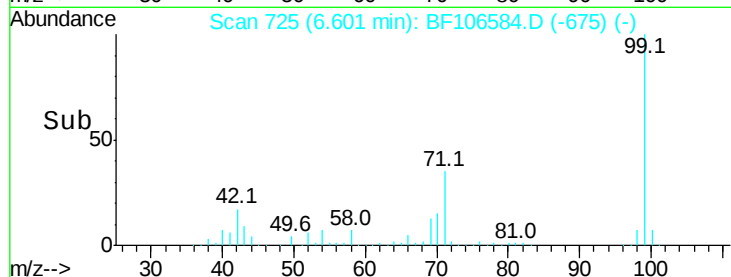
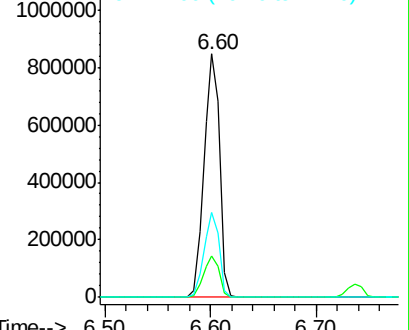
99 100

42 17.2 14.5 21.7

71 35.1 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: BF106584.D

Acq: 19 Jun 2018 16:13

Tgt Ion: 136 Resp: 384426

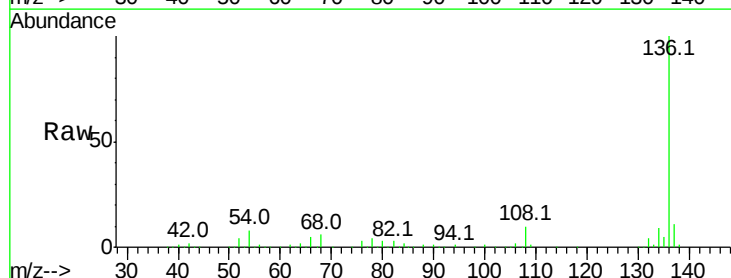
Ion Ratio Lower Upper

136 100

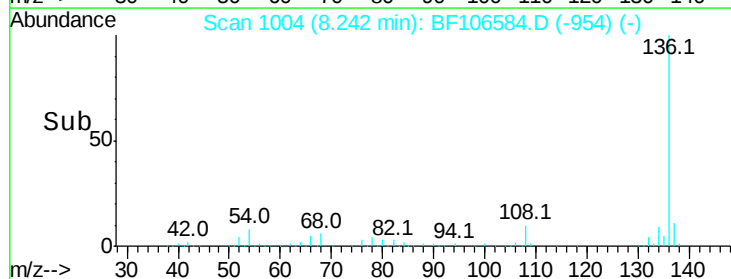
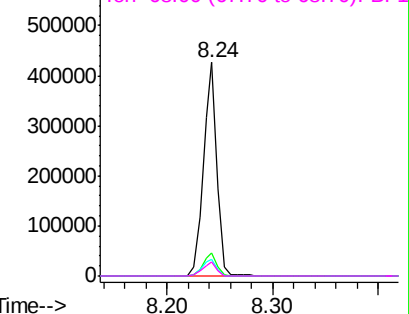
137 10.7 8.9 13.3

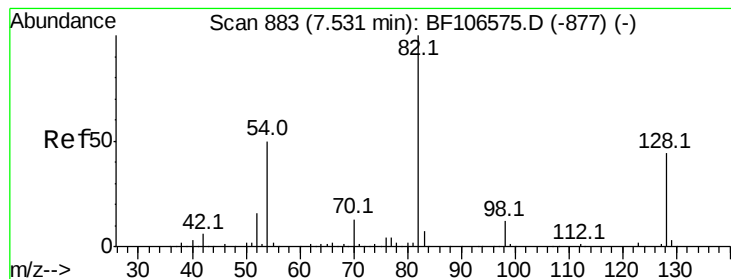
54 8.1 6.6 9.8

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: 87.478 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106584.D

Acq: 19 Jun 2018 16:13

Instrument :

BNA_F

ClientSampleId :

PB110378BL

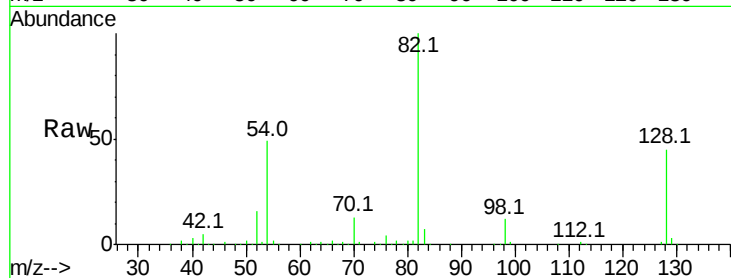
Tot Ion: 82 Resp: 605122

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

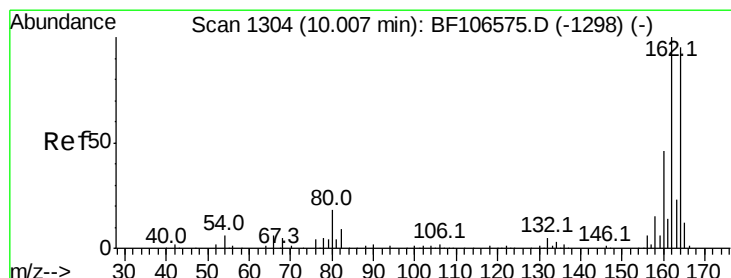
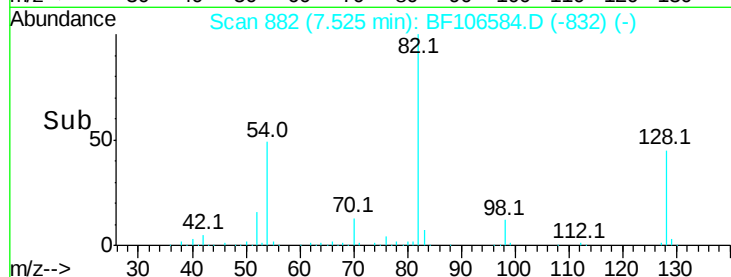
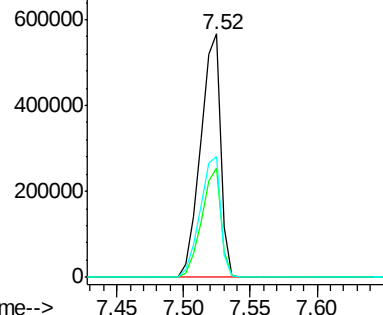
54 49.4 41.4 62.2



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# 1303

Delta R.T. -0.01 min

Lab File: BF106584.D

Acq: 19 Jun 2018 16:13

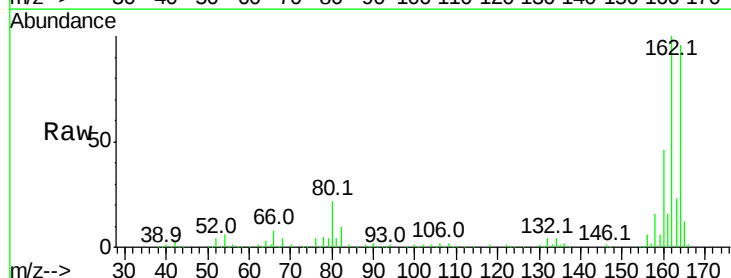
Tgt Ion:164 Resp: 185992

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

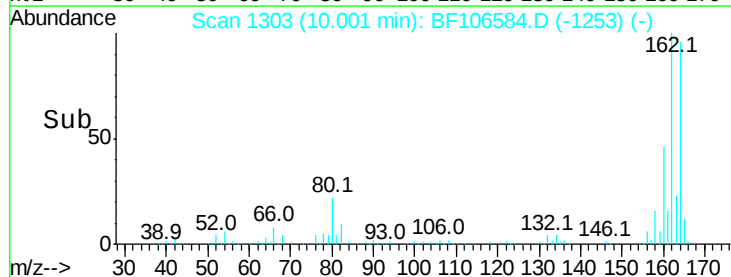
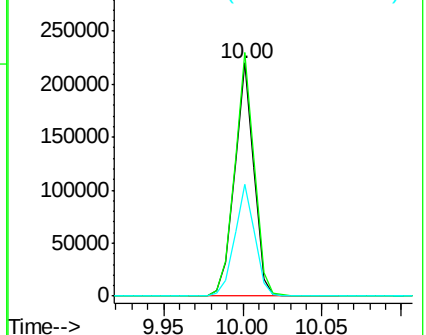
160 47.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

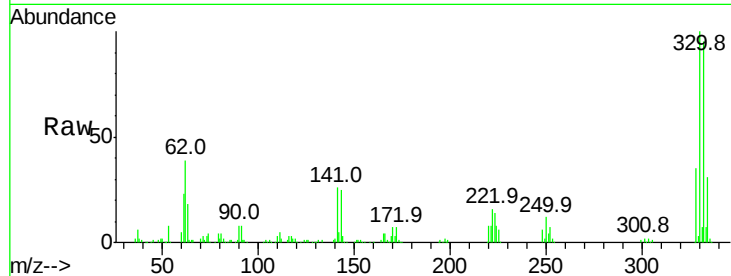




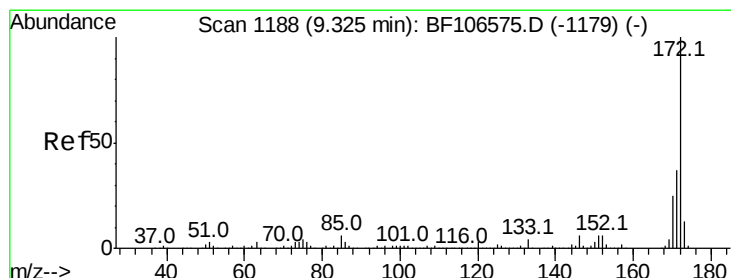
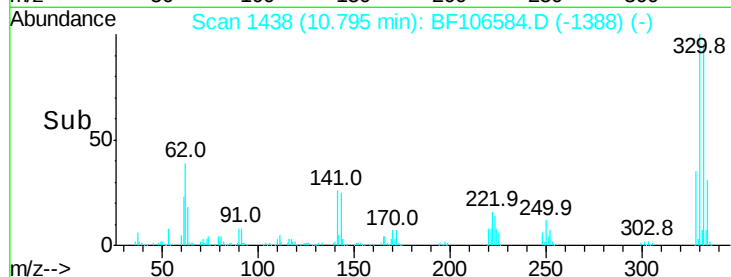
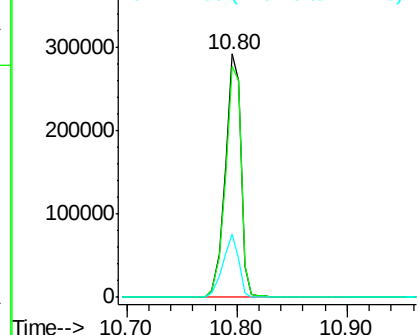
#41
 2,4,6-Tribromophenol
 Concen: 134.926 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106584.D
 Acq: 19 Jun 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110378BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	26.1	29.9	44.9#

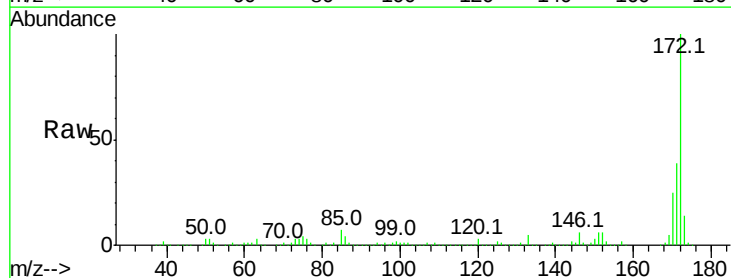


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

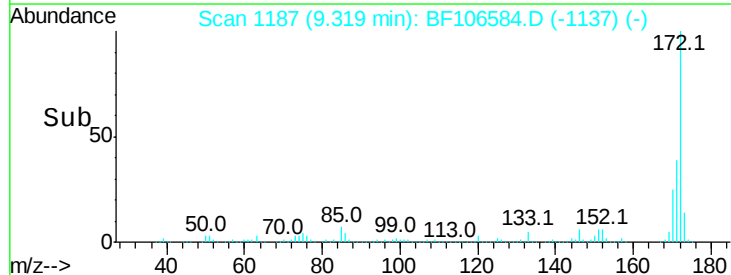
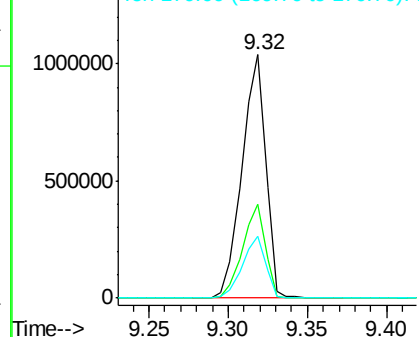


#44
 2-Fluorobiphenyl
 Concen: 100.774 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106584.D
 Acq: 19 Jun 2018 16:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.7	44.5
170	25.3	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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106584.D

Acq: 19 Jun 2018 16:13

Instrument :

BNA_F

ClientSampleId :

PB110378BL

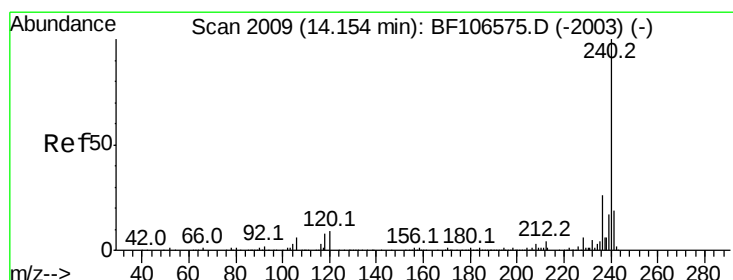
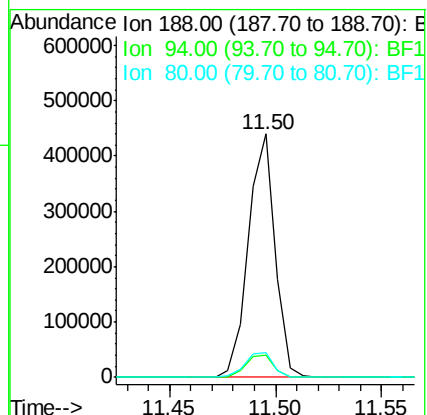
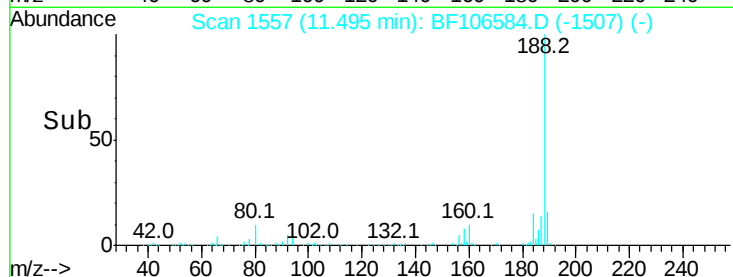
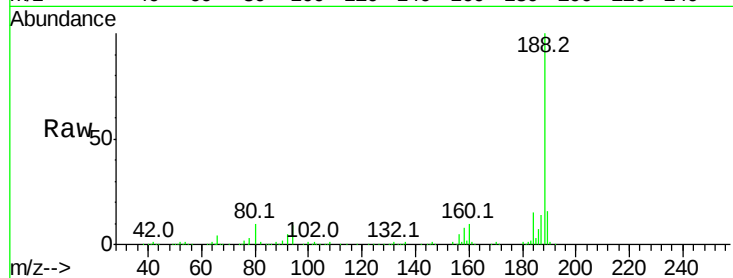
Tot Ion:188 Resp: 386048

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

80 10.4 9.2 13.8



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106584.D

Acq: 19 Jun 2018 16:13

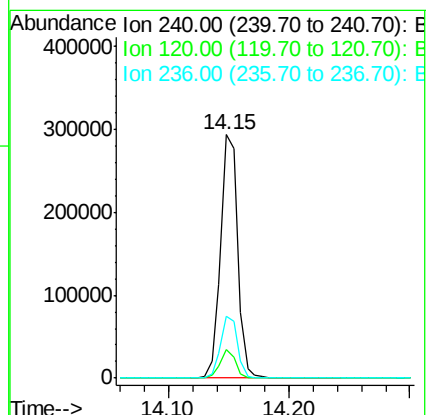
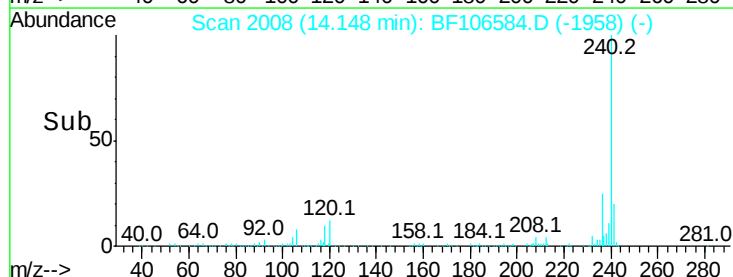
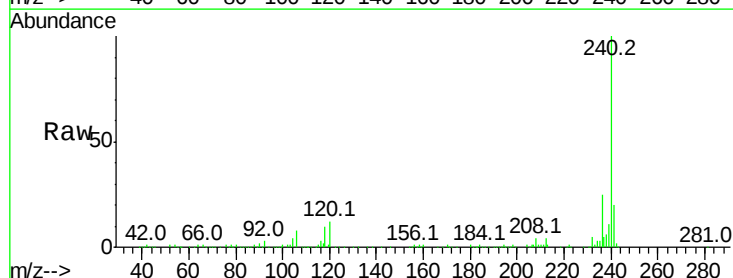
Tgt Ion:240 Resp: 285339

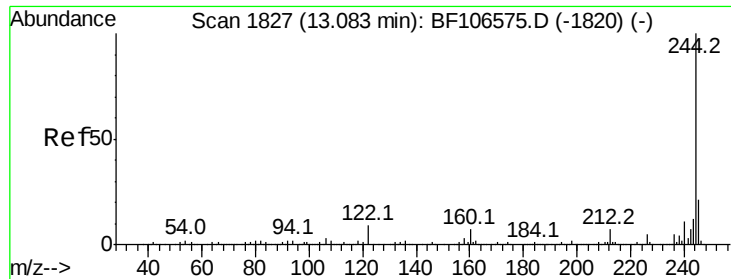
Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 106.243 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106584.D

Acq: 19 Jun 2018 16:13

Instrument :

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PB110378BL

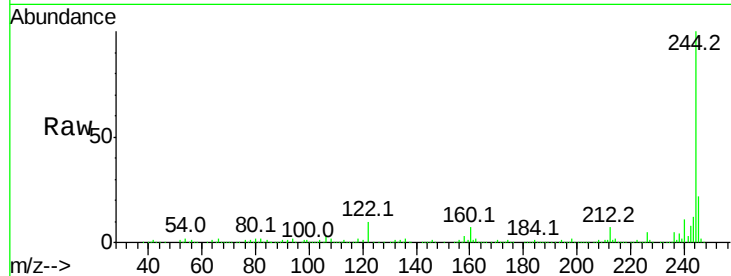
Tot Ion:244 Resp: 1251510

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

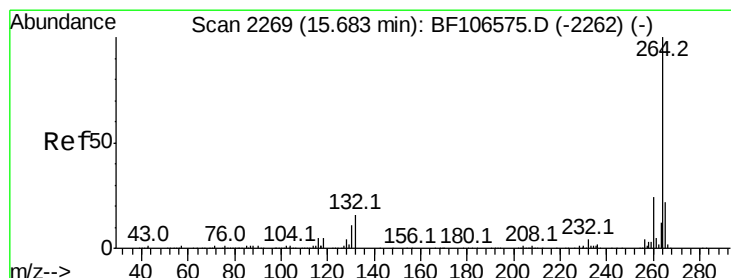
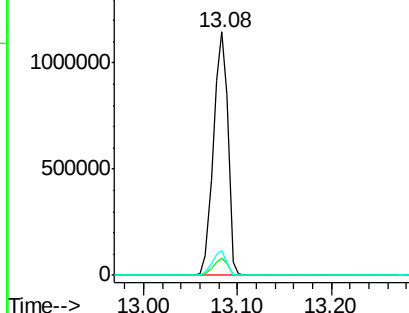
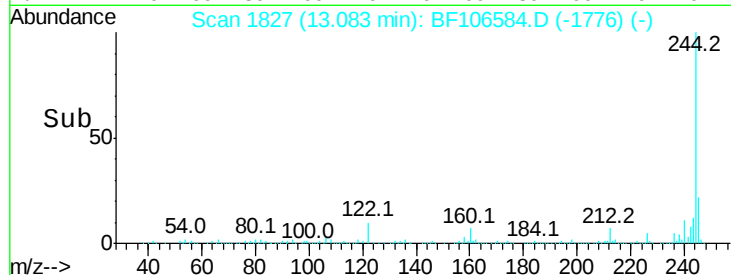
122 10.0 11.0 16.4#



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: 15.70 min Scan# 2272

Delta R.T. 0.02 min

Lab File: BF106584.D

Acq: 19 Jun 2018 16:13

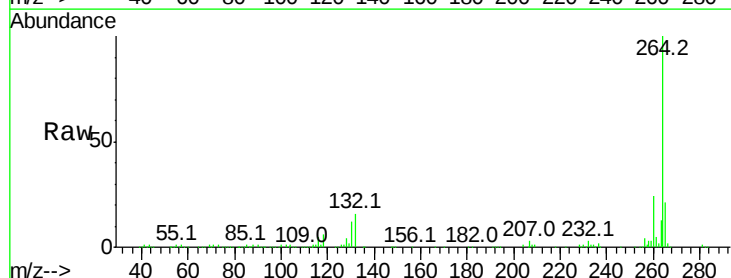
Tgt Ion:264 Resp: 241902

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.5 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

