

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106653.D
 Acq On : 21 Jun 2018 11:25
 Operator : JU/SJ
 Sample : PB110418BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BL

Quant Time: Jun 21 14:11:57 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	94755	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	367233	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	203568	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	443889	20.00	ng	0.00
75) Chrysene-d12	14.15	240	449808	20.00	ng	0.00
86) Perylene-d12	15.69	264	395297	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	659955	117.94	ng	0.00
7) Phenol-d6	6.61	99	848490	121.42	ng	0.00
23) Nitrobenzene-d5	7.52	82	573420	86.78	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	341485	144.73	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1030010	85.78	ng	0.00
78) Terphenyl-d14	13.08	244	1470126	79.17	ng	0.00

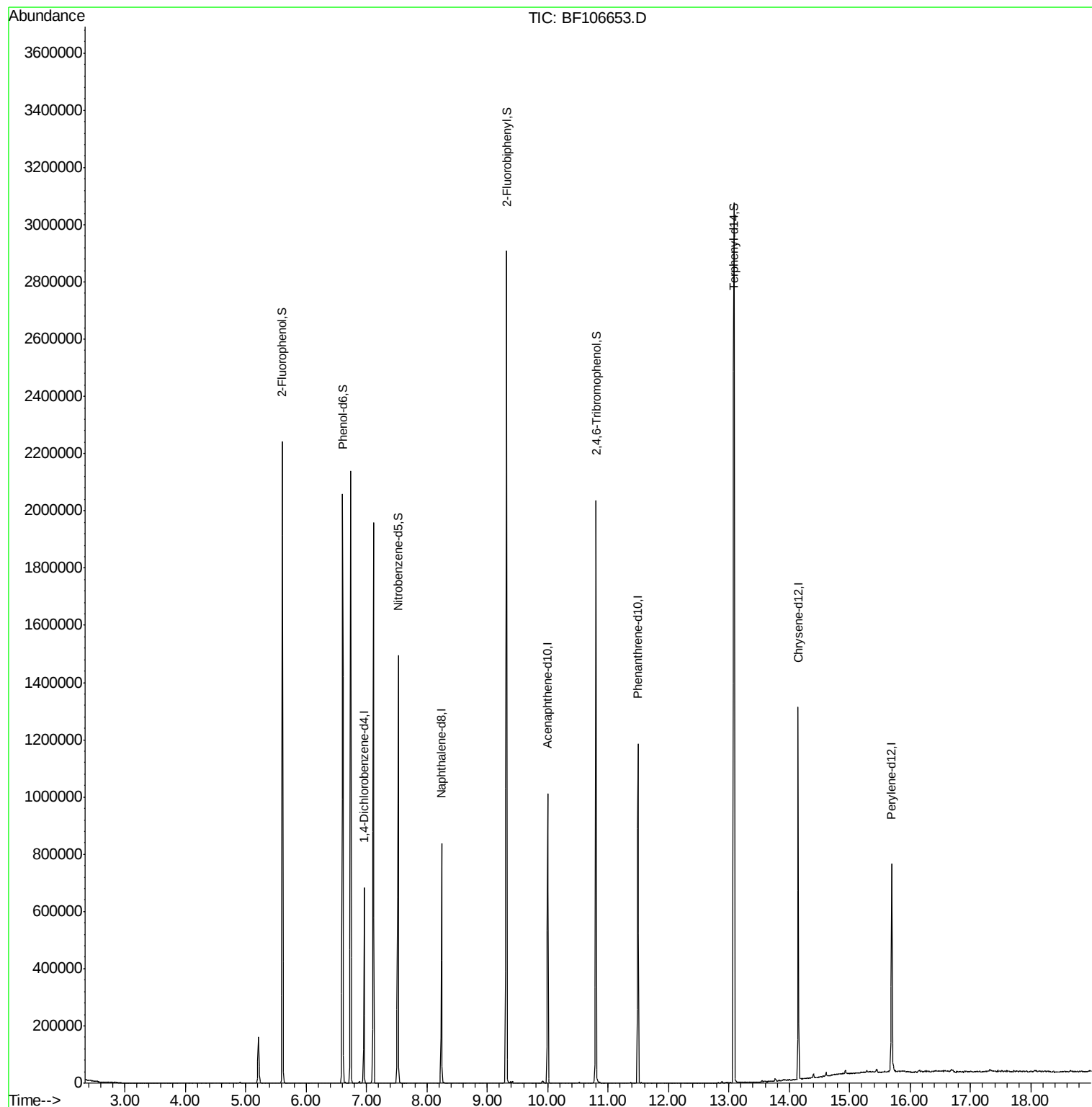
Target Compounds Qvalue

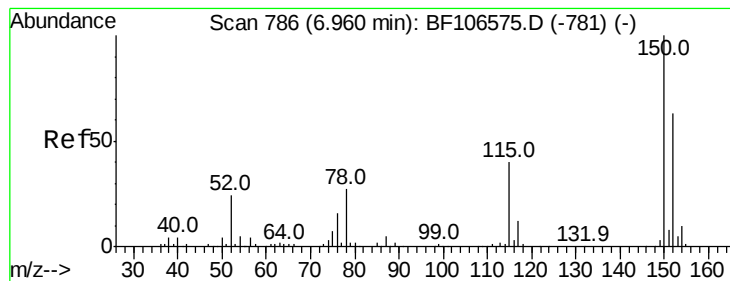
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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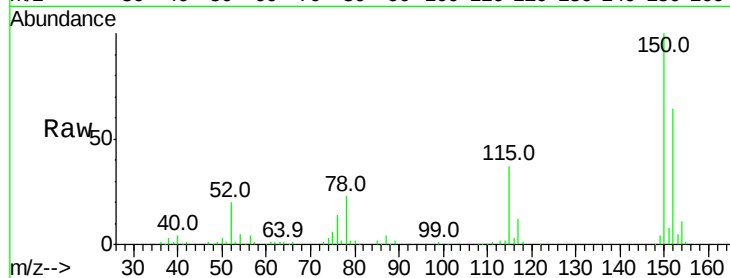


#1

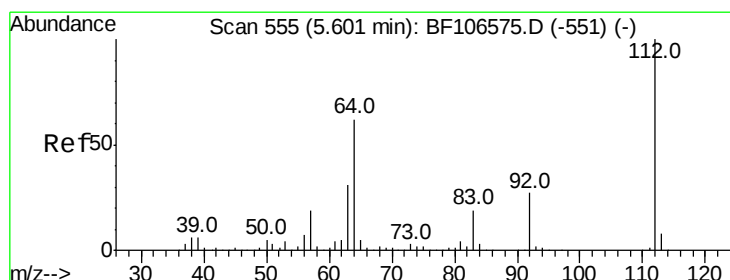
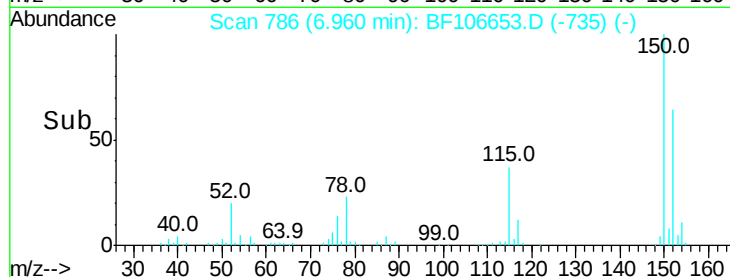
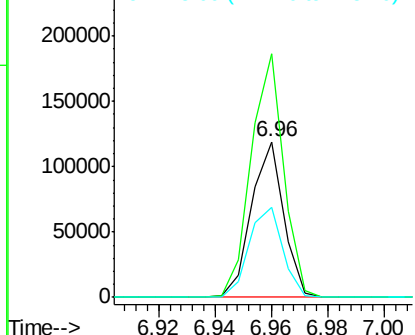
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106653.D
Acq: 21 Jun 2018 11:25

Instrument :
BNA_F
ClientSampleId :
PB110418BL

Tot Ion:152 Resp: 94755
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 58.3 50.1 75.1



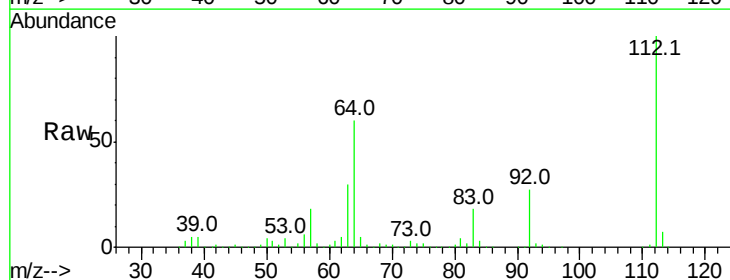
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



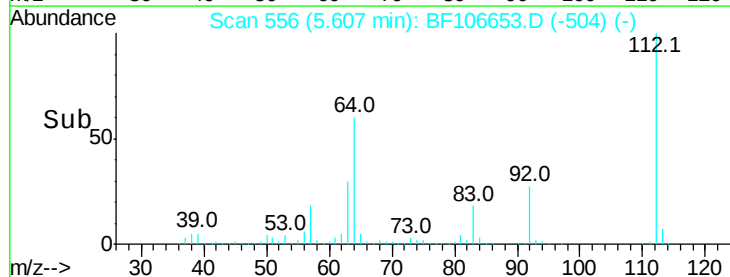
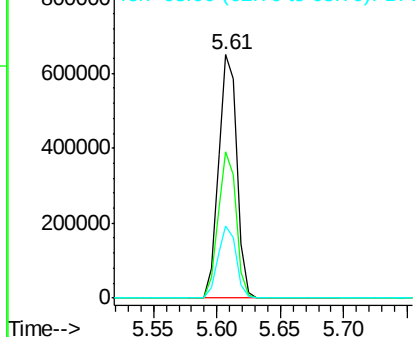
#5

2-Fluorophenol
Concen: 117.937 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106653.D
Acq: 21 Jun 2018 11:25

Tgt Ion:112 Resp: 659955
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 29.7 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: 121.419 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106653.D

Acq: 21 Jun 2018 11:25

Instrument :

BNA_F

ClientSampleId :

PB110418BL

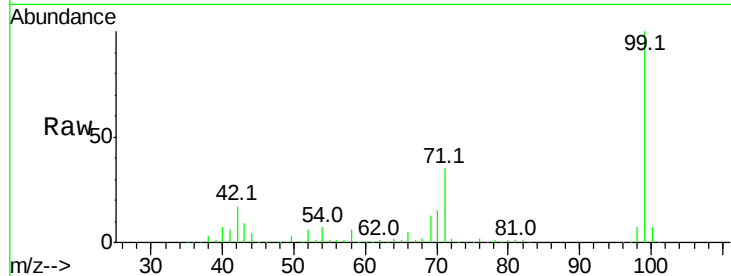
Tot Ion: 99 Resp: 848490

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

71 35.3 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

6.61

800000

600000

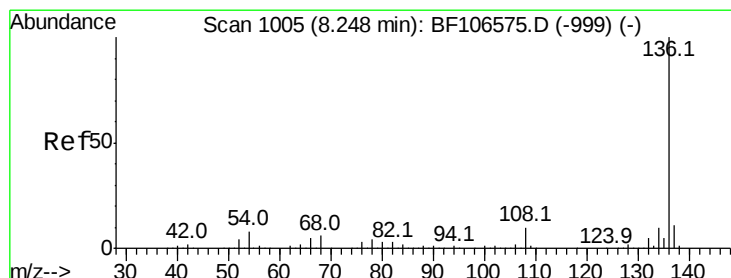
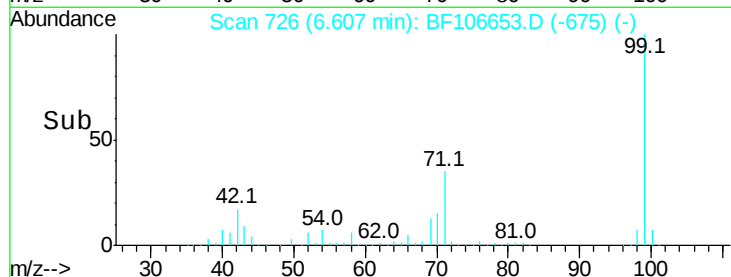
400000

200000

0

6.60 6.70

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106653.D

Acq: 21 Jun 2018 11:25

Tgt Ion: 136 Resp: 367233

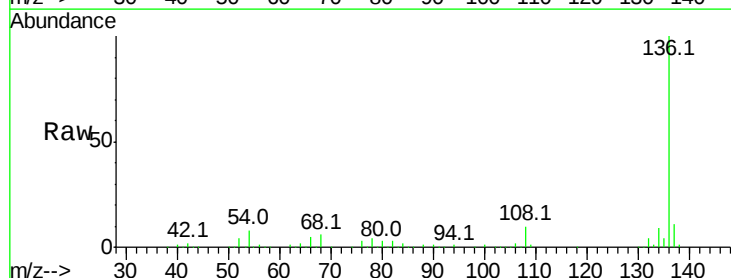
Ion Ratio Lower Upper

136 100

137 10.6 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

8.24

600000

500000

400000

300000

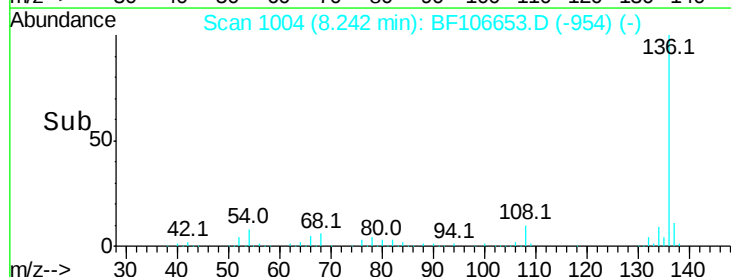
200000

100000

0

8.20 8.30

Time-->

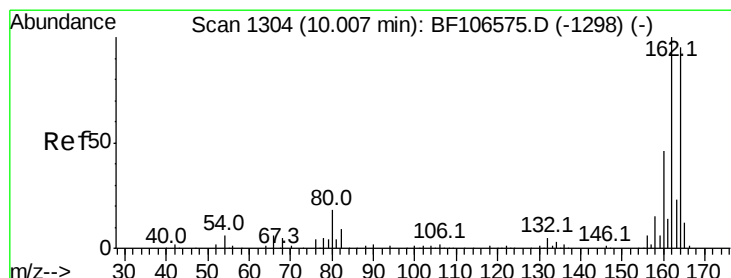
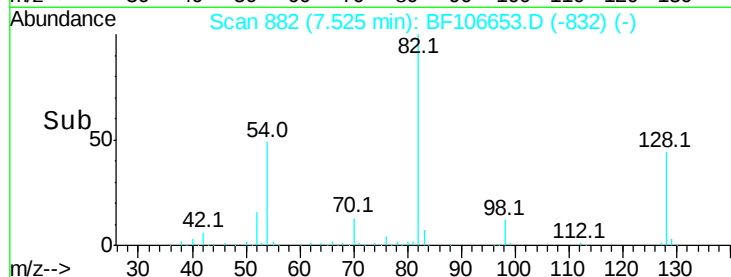
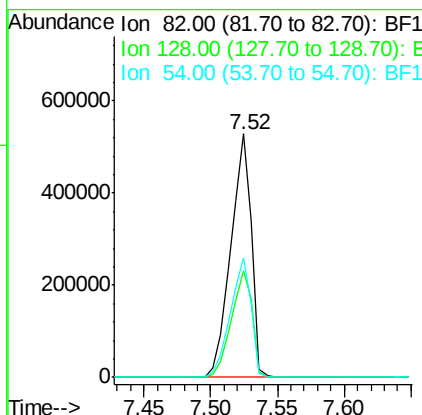
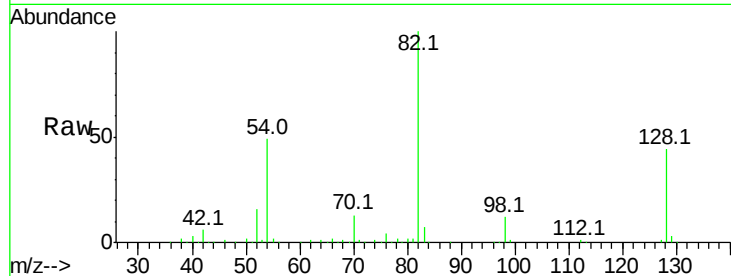




#23
 Nitrobenzene-d5
 Concen: 86.776 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106653.D
 Acq: 21 Jun 2018 11:25

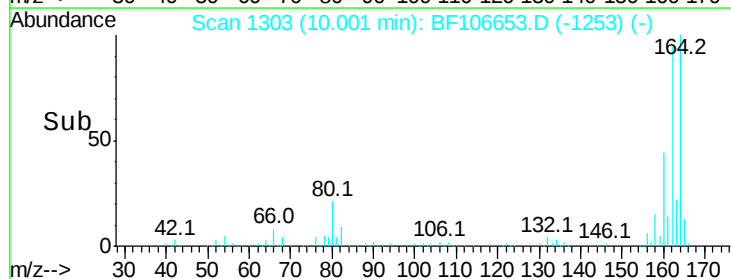
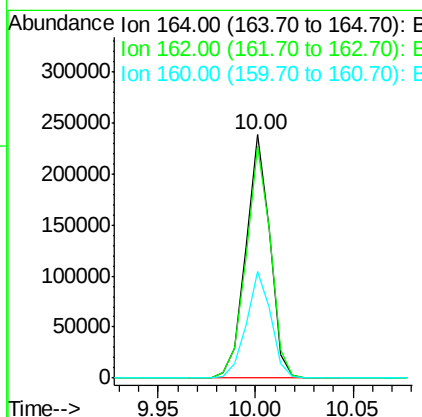
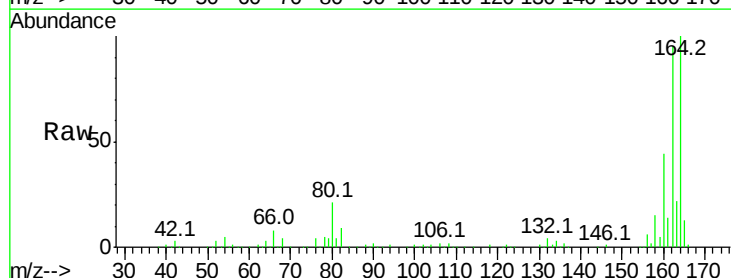
Instrument :
 BNA_F
 ClientSampleId :
 PB110418BL

Tot Ion	82	Resp	573420
Ion Ratio	Lower	Upper	
82	100		
128	43.9	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: BF106653.D
 Acq: 21 Jun 2018 11:25

Tgt Ion	164	Resp	203568
Ion Ratio	Lower	Upper	
164	100		
162	95.4	86.1	129.1
160	43.6	38.3	57.5

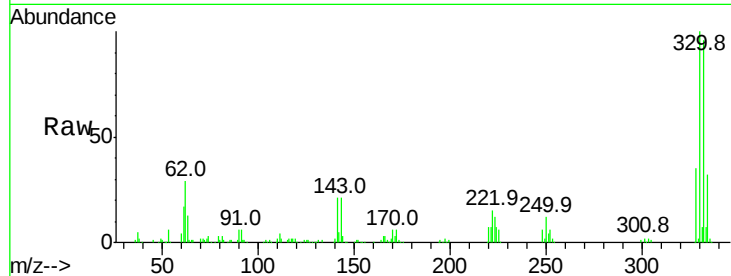




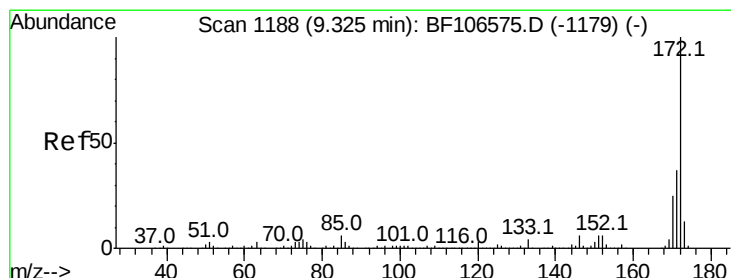
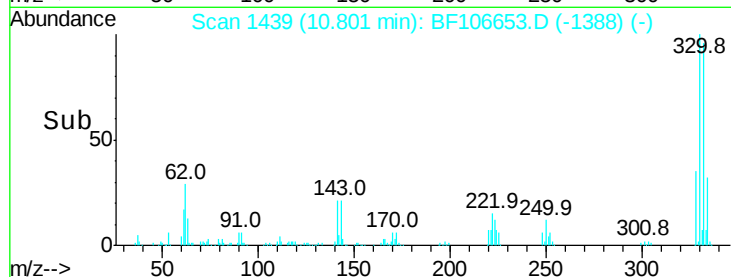
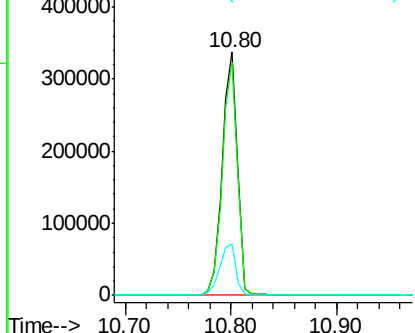
#41
 2,4,6-Tribromophenol
 Concen: 144.733 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106653.D
 Acq: 21 Jun 2018 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BL

Tot Ion:330 Resp: 341485
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 22.8 29.9 44.9#

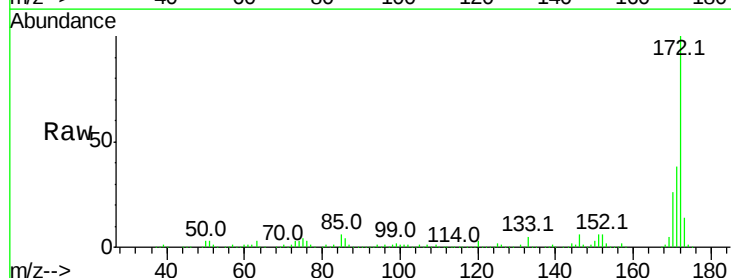


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

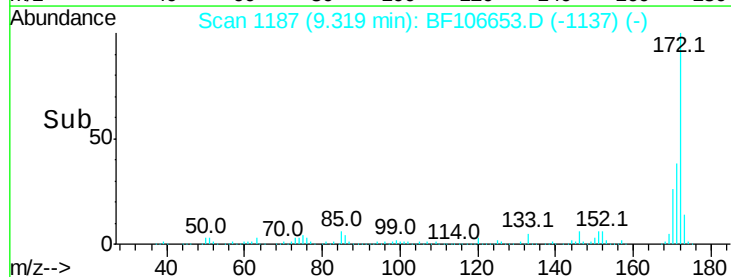
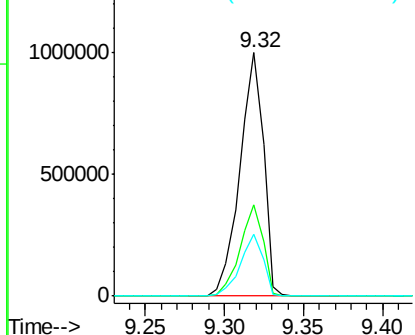


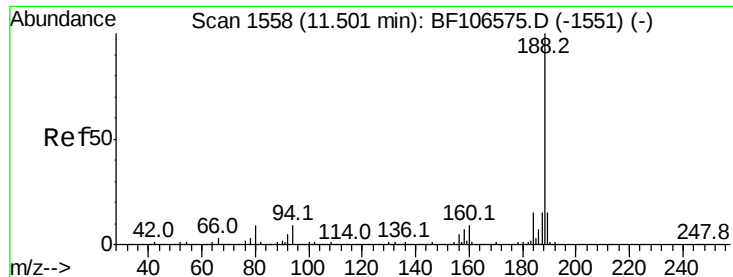
#44
 2-Fluorobiphenyl
 Concen: 85.778 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106653.D
 Acq: 21 Jun 2018 11:25

Tgt Ion:172 Resp: 1030010
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.7 44.5
 170 25.6 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

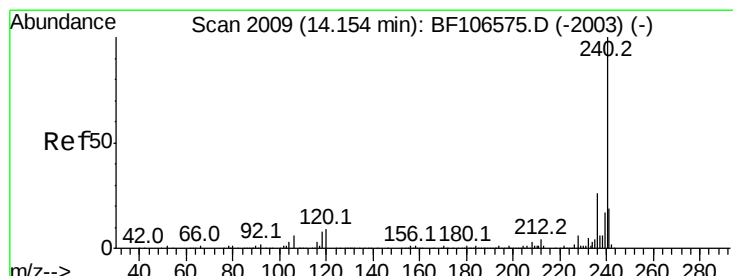
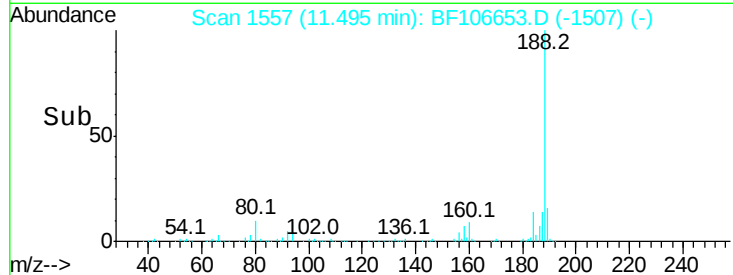
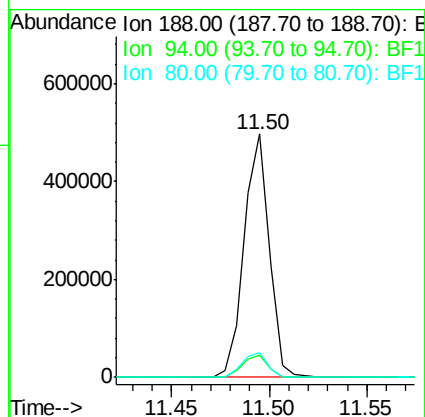
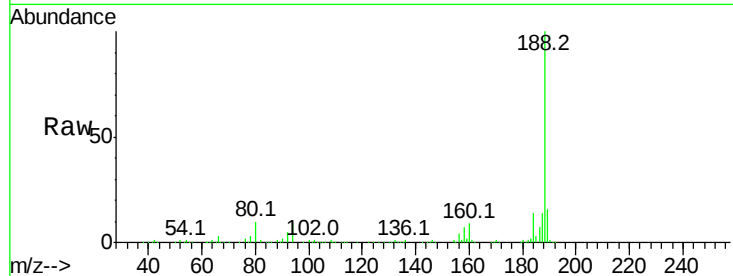




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106653.D
Acq: 21 Jun 2018 11:25

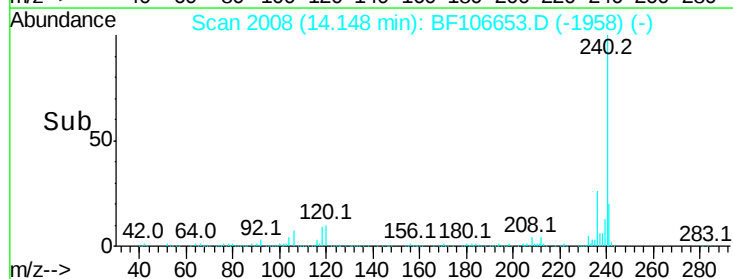
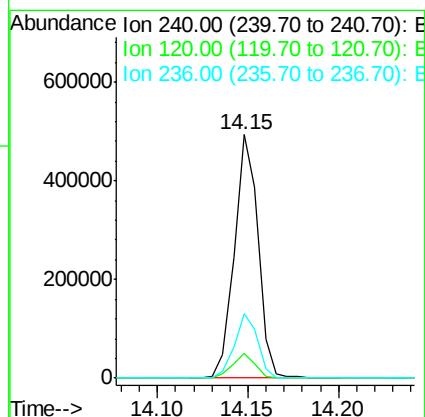
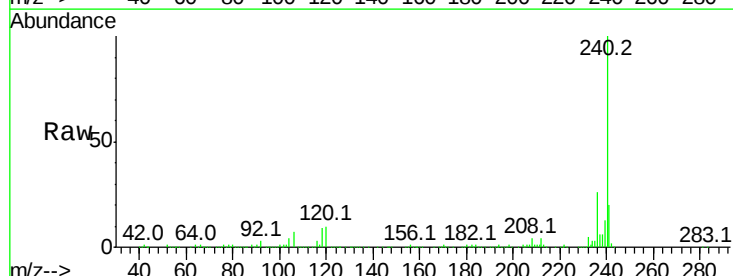
Instrument :
BNA_F
ClientSampleId :
PB110418BL

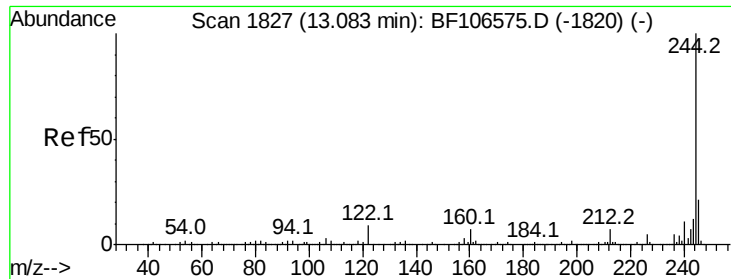
Tot Ion:188 Resp: 443889
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106653.D
Acq: 21 Jun 2018 11:25

Tgt Ion:240 Resp: 449808
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 26.5 20.7 31.1





#78

Terphenyl-d14

Concen: 79.169 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106653.D

Acq: 21 Jun 2018 11:25

Instrument :

BNA_F

ClientSampleId :

PB110418BL

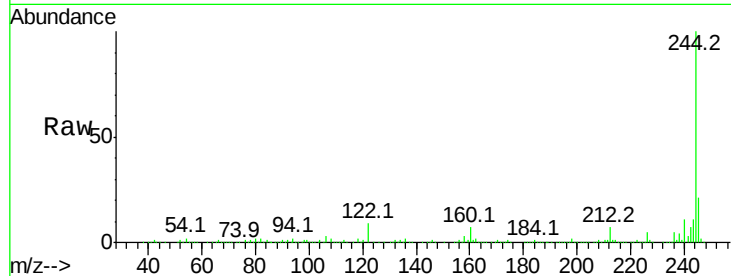
Tot Ion:244 Resp: 1470126

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

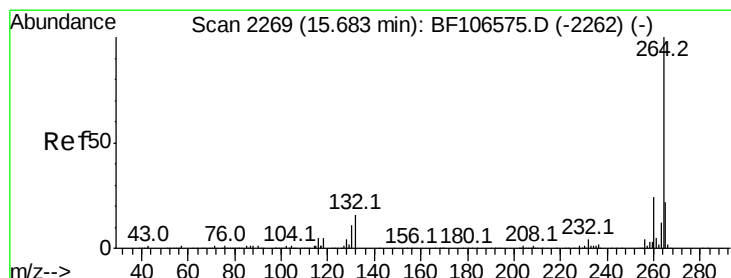
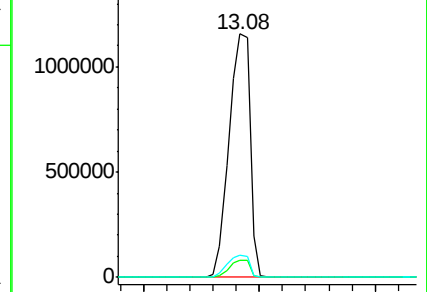
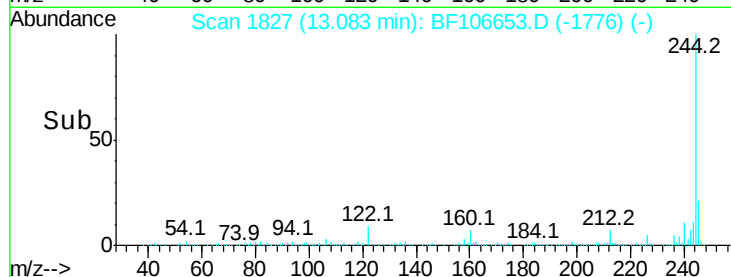
122 8.9 11.0 16.4#



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: 15.69 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF106653.D

Acq: 21 Jun 2018 11:25

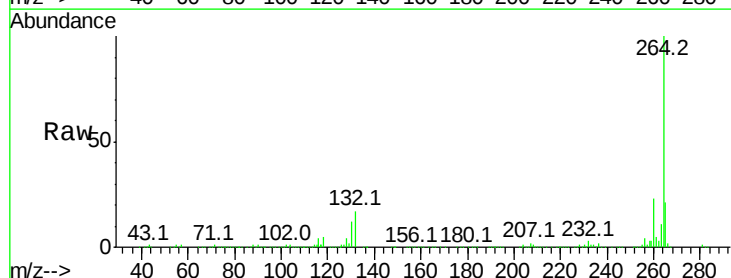
Tgt Ion:264 Resp: 395297

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.4 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

