

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110754.D
 Acq On : 14 Nov 2018 7:51
 Operator : JU/SJ
 Sample : J5916-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110918-TIPC-F-U-B

Quant Time: Nov 14 09:54:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61598	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	236823	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	88170	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	142821	20.00	ng	0.00
76) Chrysene-d12	14.13	240	131822	20.00	ng	-0.01
87) Perylene-d12	15.66	264	82423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	170346	44.92	ng	0.00
7) Phenol-d6	6.56	99	130209	26.85	ng	-0.01
23) Nitrobenzene-d5	7.51	82	446086	108.48	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	75458	84.93	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	743360	120.41	ng	0.00
79) Terphenyl-d14	13.06	244	548107	77.87	ng	0.00

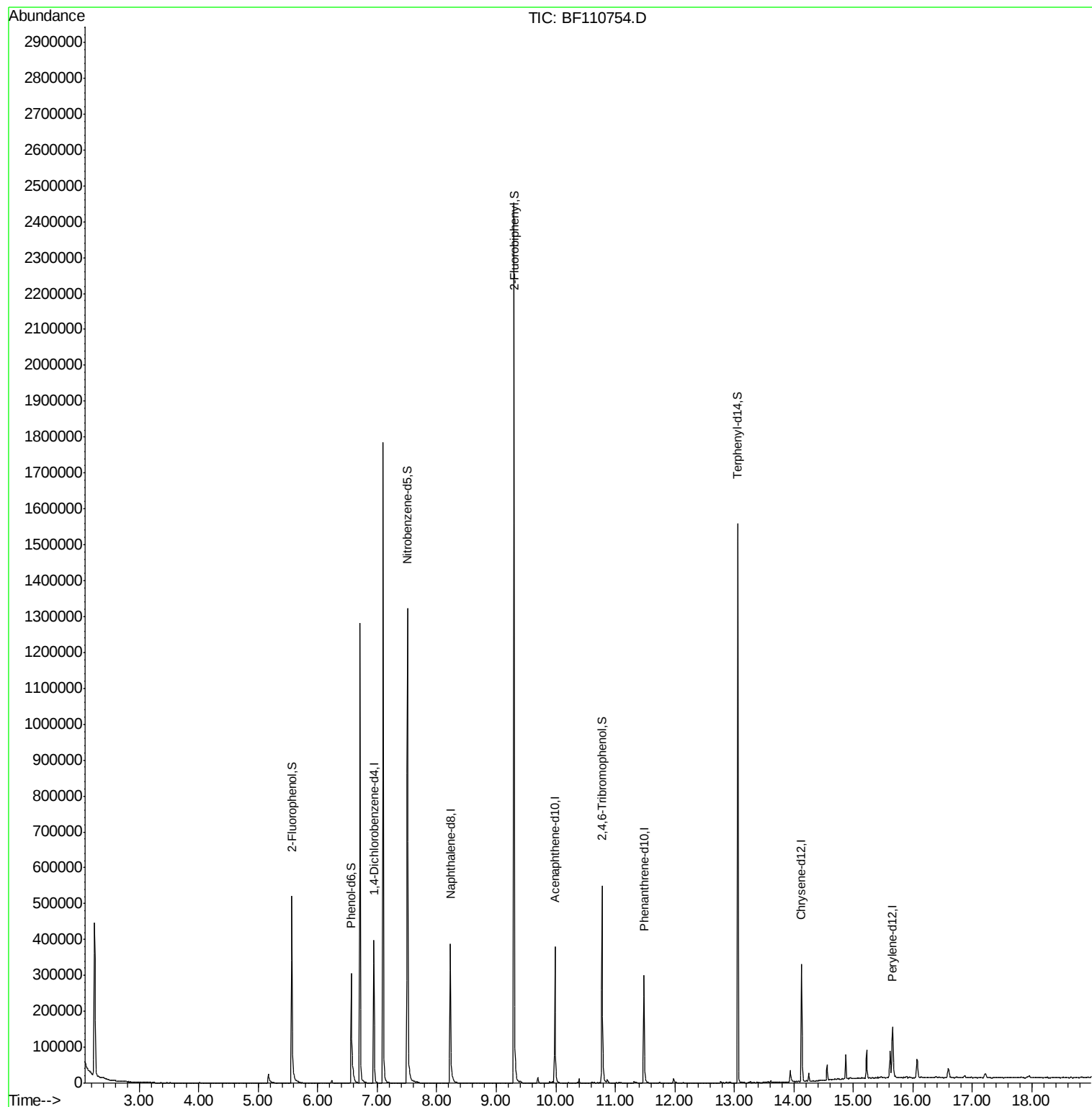
Target Compounds Qvalue

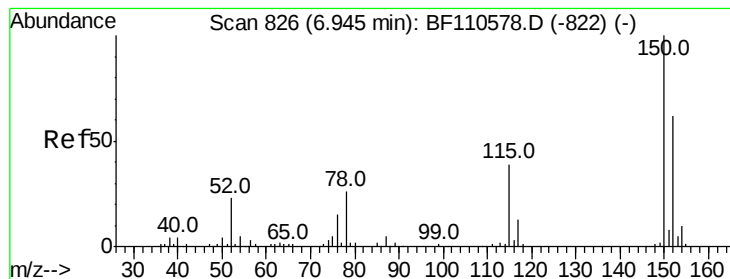
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF110754.D

Acq: 14 Nov 2018 7:51

Instrument :

BNA_F

ClientSampleId :

110918-TIPC-F-U-B

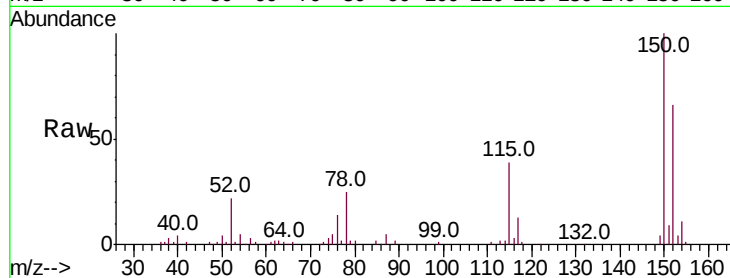
Tot Ion:152 Resp: 61598

Ion Ratio Lower Upper

152 100

150 150.8 122.7 184.1

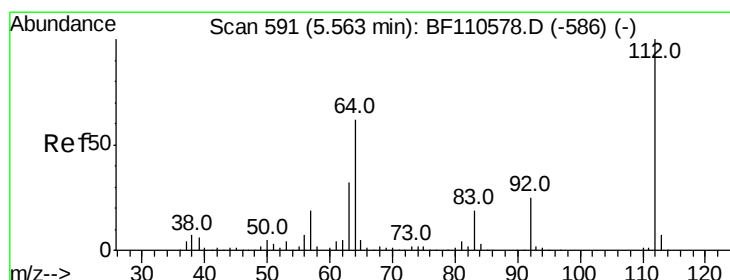
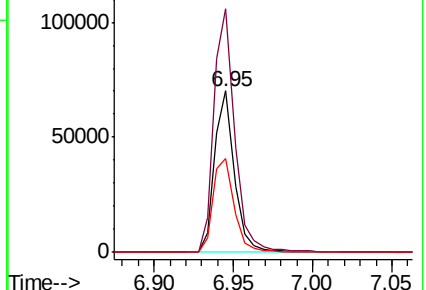
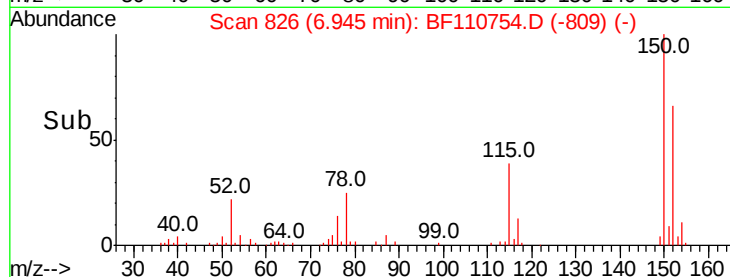
115 58.4 49.1 73.7



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: 44.920 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF110754.D

Acq: 14 Nov 2018 7:51

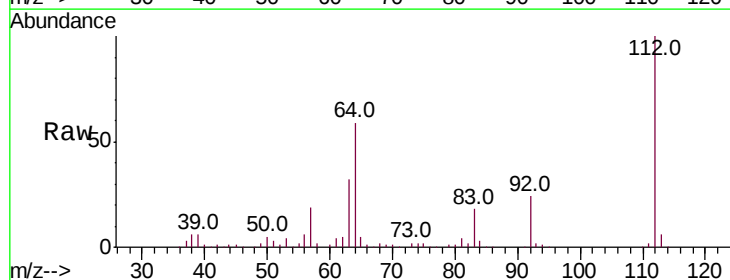
Tgt Ion:112 Resp: 170346

Ion Ratio Lower Upper

112 100

64 59.3 44.1 66.1

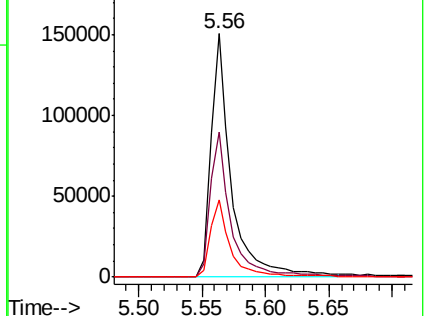
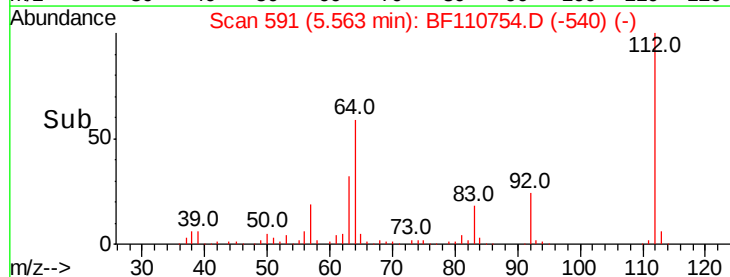
63 32.0 23.7 35.5

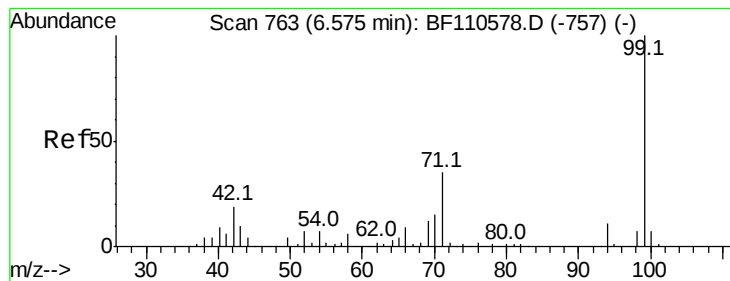


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 26.851 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110754.D

Acq: 14 Nov 2018 7:51

Instrument :

BNA_F

ClientSampleId :

110918-TIPC-F-U-B

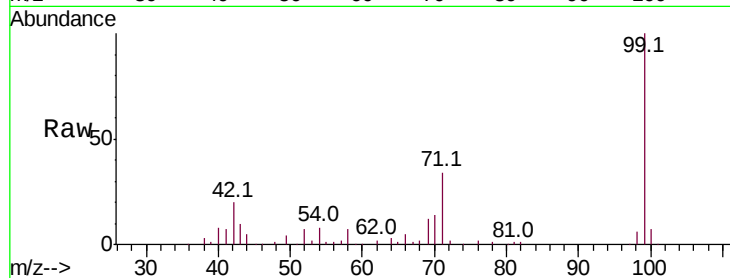
Tot Ion: 99 Resp: 130209

Ion Ratio Lower Upper

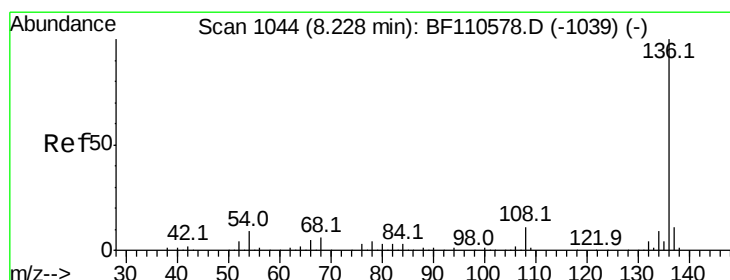
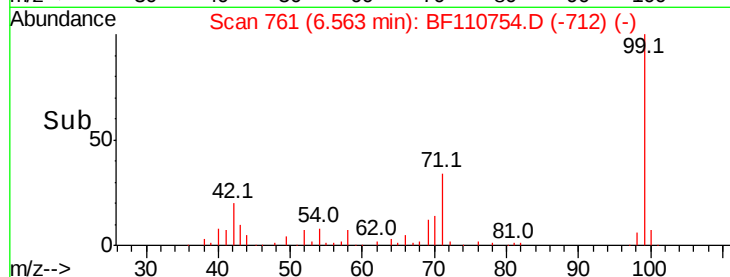
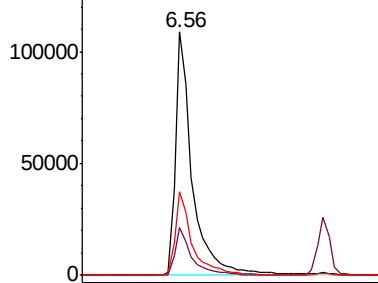
99 100

42 19.7 15.8 23.6

71 34.2 28.0 42.0



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: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110754.D

Acq: 14 Nov 2018 7:51

Tgt Ion: 136 Resp: 236823

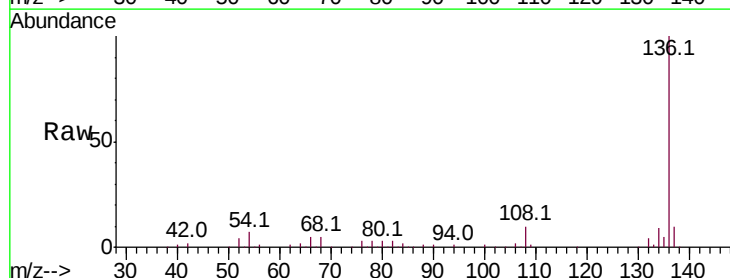
Ion Ratio Lower Upper

136 100

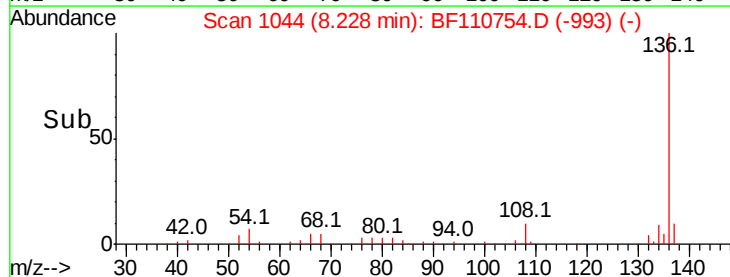
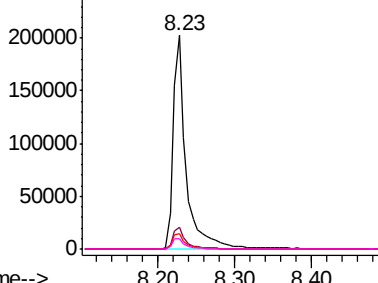
137 10.3 8.8 13.2

54 7.3 5.4 8.2

68 4.7 4.2 6.2



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

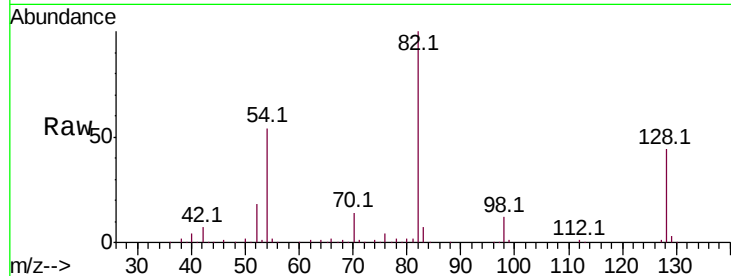




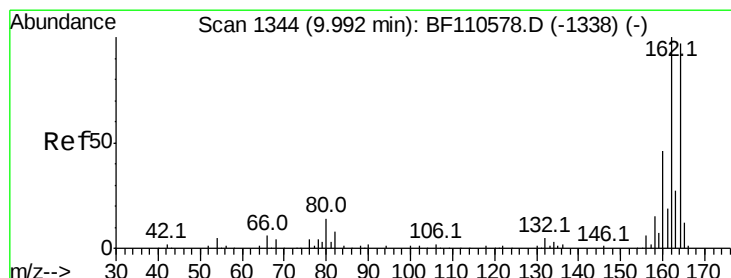
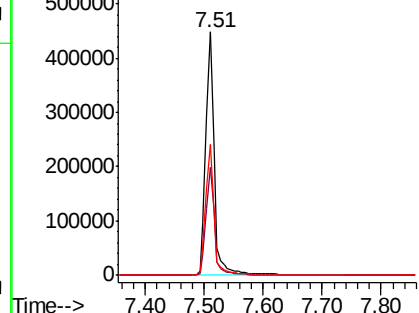
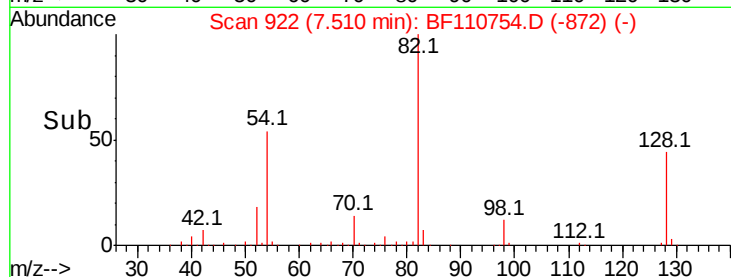
#23
Nitrobenzene-d5
Concen: 108.477 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110754.D
Acq: 14 Nov 2018 7:51

Instrument :
BNA_F
ClientSampleId :
110918-TIPC-F-U-B

Tot Ion: 82 Resp: 446086
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.2
54 54.0 38.6 58.0

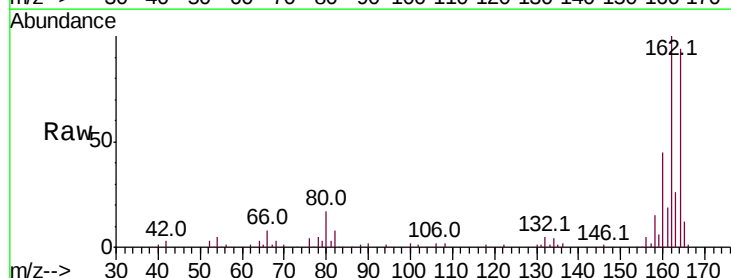


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

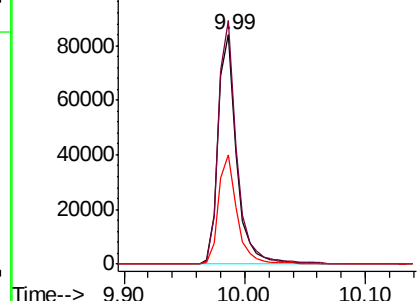
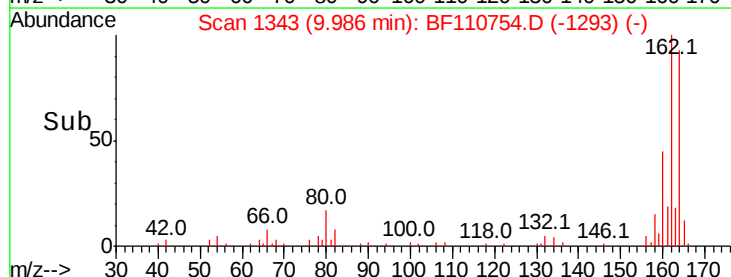


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110754.D
Acq: 14 Nov 2018 7:51

Tgt Ion:164 Resp: 88170
Ion Ratio Lower Upper
164 100
162 106.4 83.0 124.6
160 47.8 37.0 55.6



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

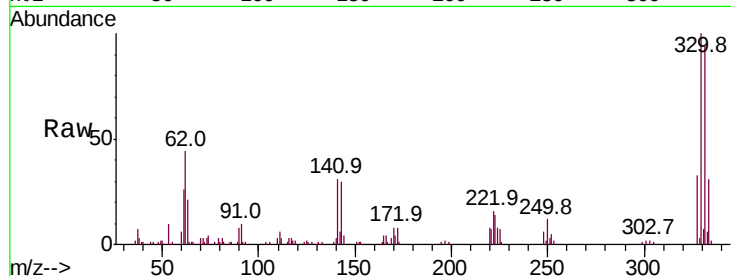




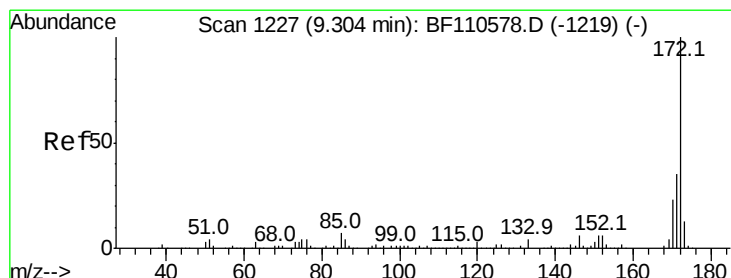
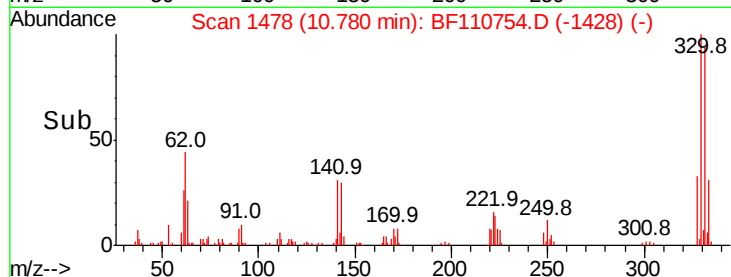
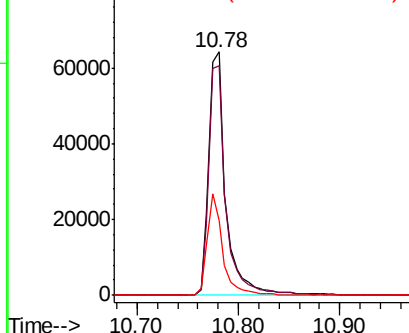
#42
 2,4,6-Tribromophenol
 Concen: 84.935 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110754.D
 Acq: 14 Nov 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :
 110918-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	37.6	27.0	40.4

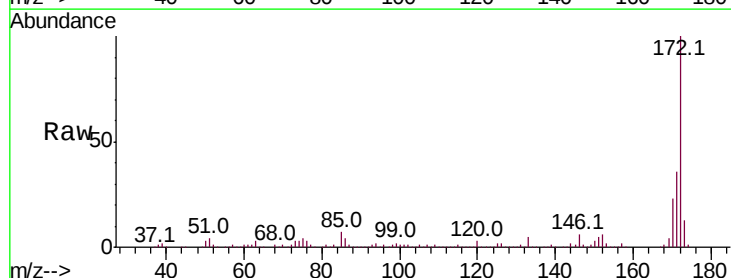


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

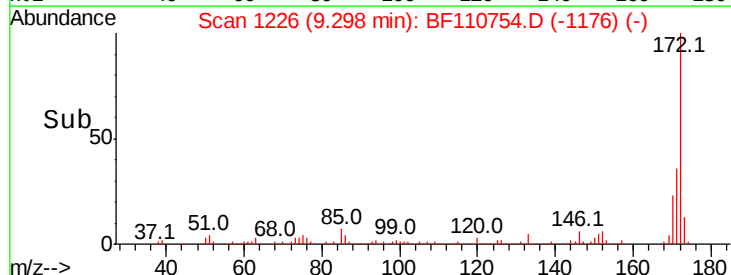
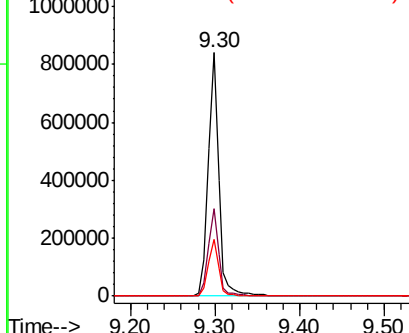


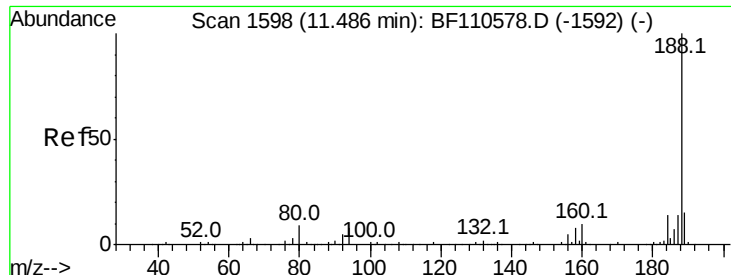
#45
 2-Fluorobiphenyl
 Concen: 120.410 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110754.D
 Acq: 14 Nov 2018 7:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.3	19.7	29.5



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

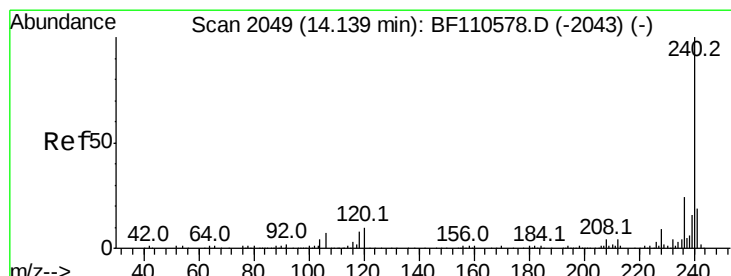
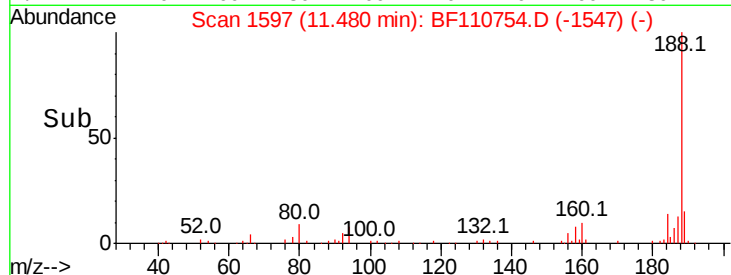
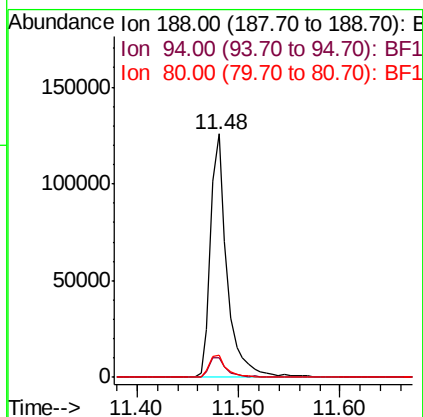
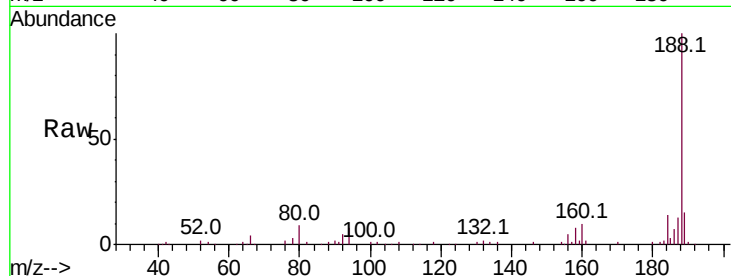




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110754.D
Acq: 14 Nov 2018 7:51

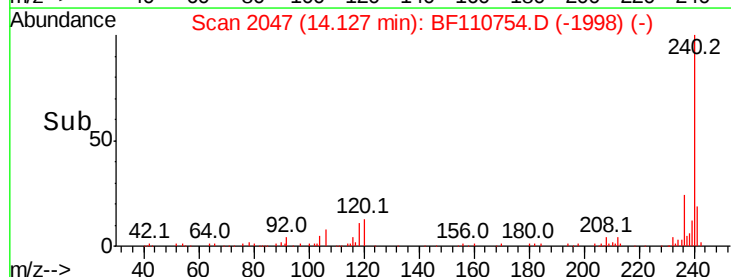
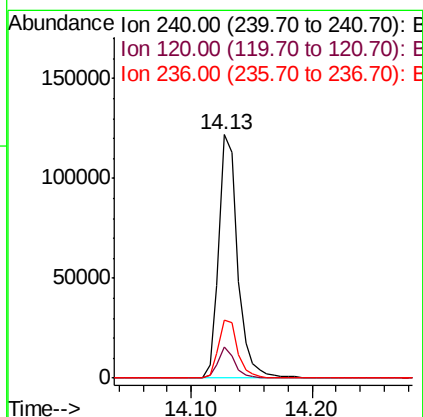
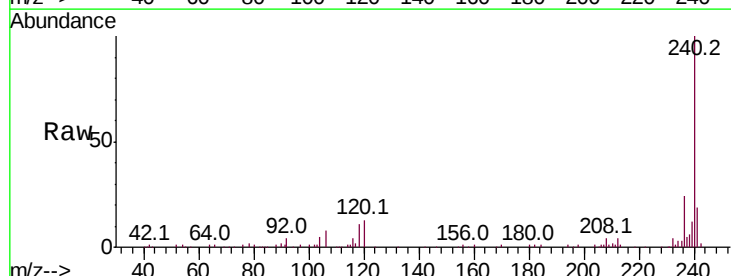
Instrument :
BNA_F
ClientSampleId :
110918-TIPC-F-U-B

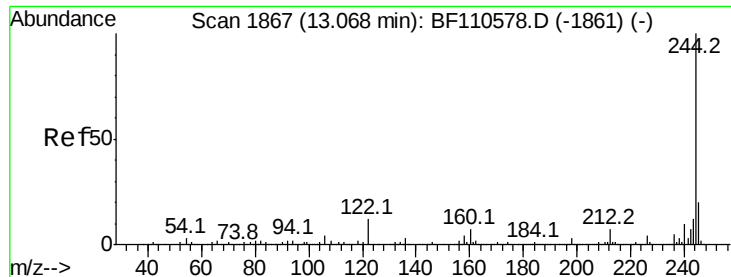
Tot Ion:188 Resp: 142821
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110754.D
Acq: 14 Nov 2018 7:51

Tgt Ion:240 Resp: 131822
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 24.0 21.2 31.8





#79

Terphenyl-d14

Concen: 77.868 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110754.D

Acq: 14 Nov 2018 7:51

Instrument :

BNA_F

ClientSampleId :

110918-TIPC-F-U-B

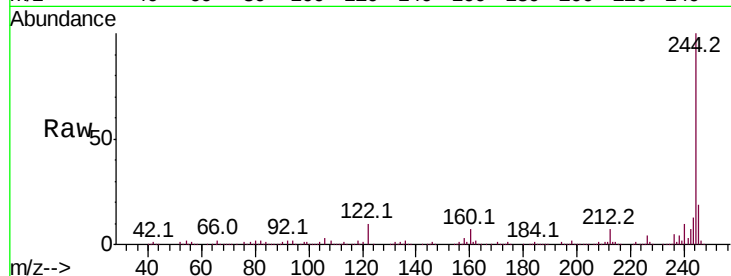
Tot Ion:244 Resp: 548107

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

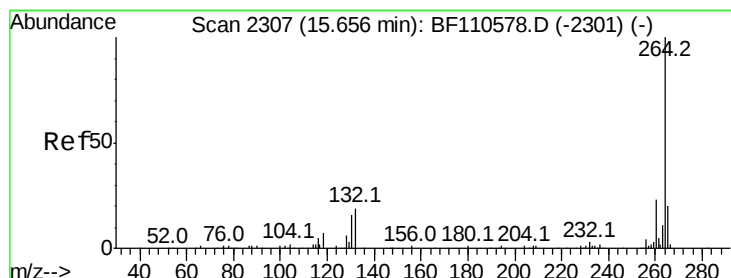
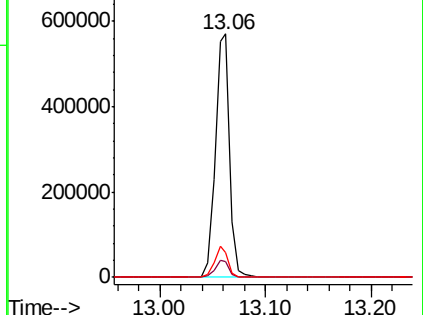
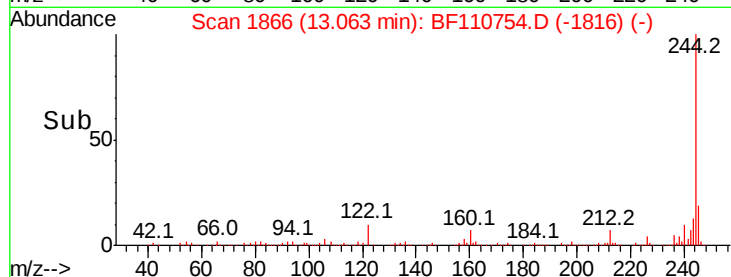
122 10.3 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110754.D

Acq: 14 Nov 2018 7:51

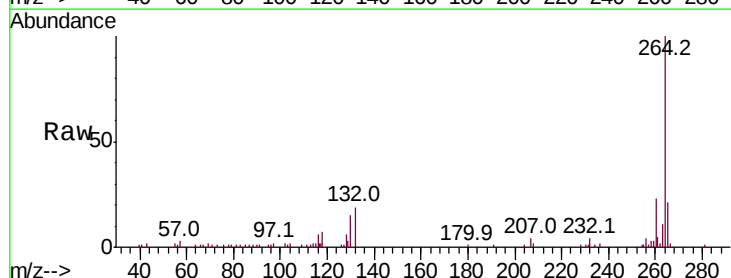
Tgt Ion:264 Resp: 82423

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 20.9 16.7 25.1



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

