

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110677.D
 Acq On : 12 Nov 2018 16:28
 Operator : JU/SJ
 Sample : J5269-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-D

Quant Time: Nov 12 17:40:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

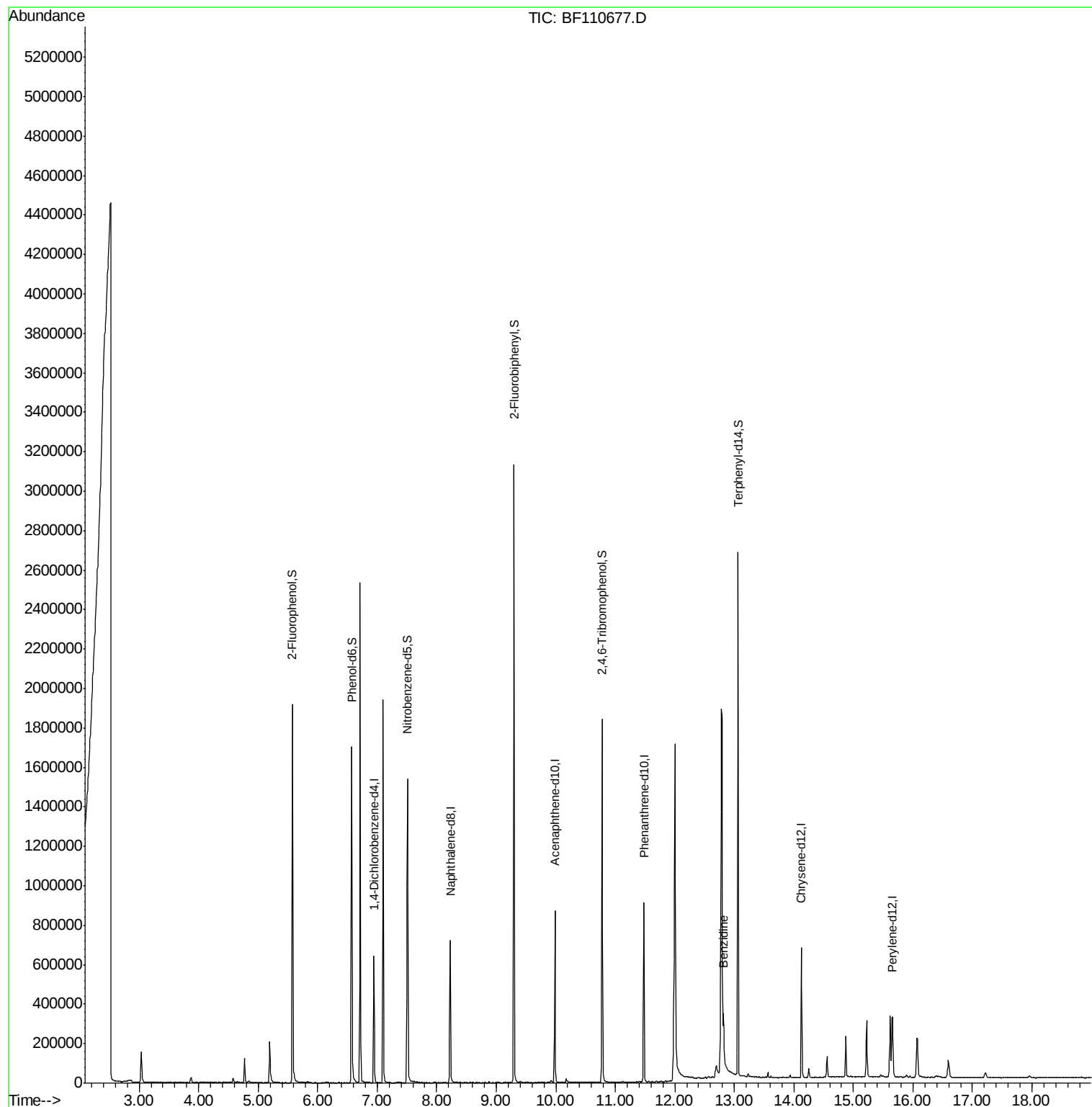
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	90486	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	373744	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	177745	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	333169	20.00	ng	0.00
76) Chrysene-d12	14.13	240	212528	20.00	ng	-0.01
87) Perylene-d12	15.66	264	162723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	569810	102.29	ng	0.01
7) Phenol-d6	6.57	99	631959	88.71	ng	0.00
23) Nitrobenzene-d5	7.51	82	520029	80.13	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	208561	116.45	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	957488	76.93	ng	0.00
79) Terphenyl-d14	13.06	244	937991	82.65	ng	0.00
Target Compounds						
77) Benzidine	12.82	184	74587	12.762	ng	Qvalue 98

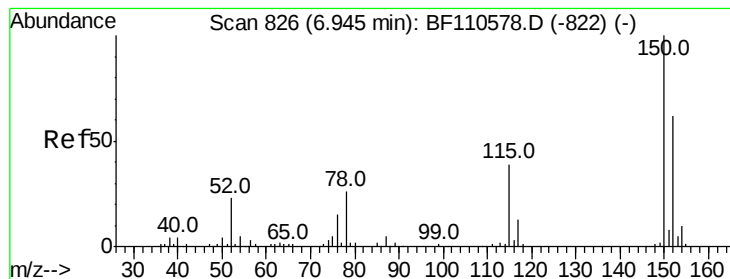
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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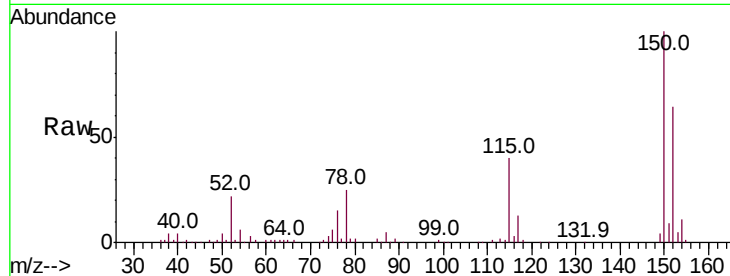


#1

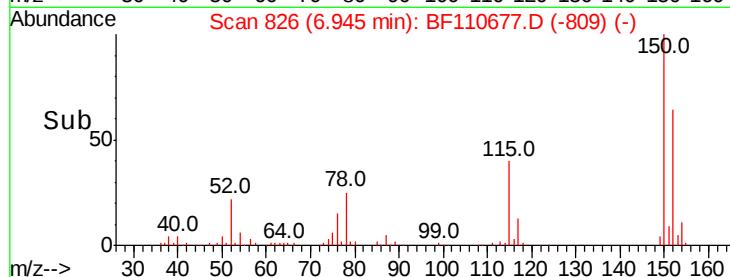
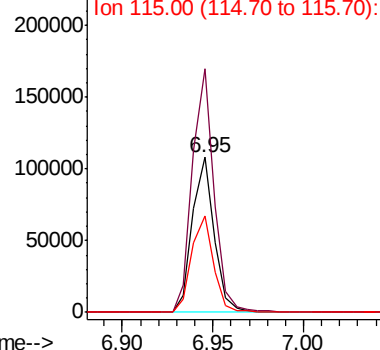
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110677.D
Acq: 12 Nov 2018 16:28

Instrument :
BNA_F
ClientSampleId :
SB-12-D

Tot Ion:152 Resp: 90486
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 62.3 49.1 73.7



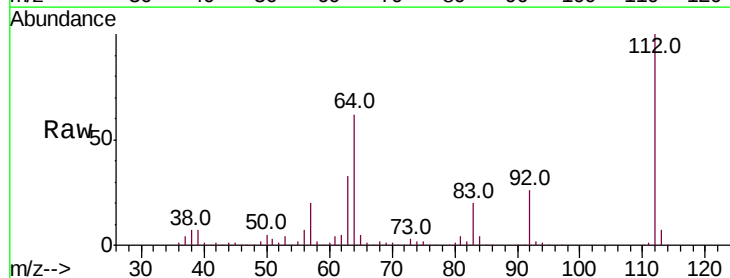
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



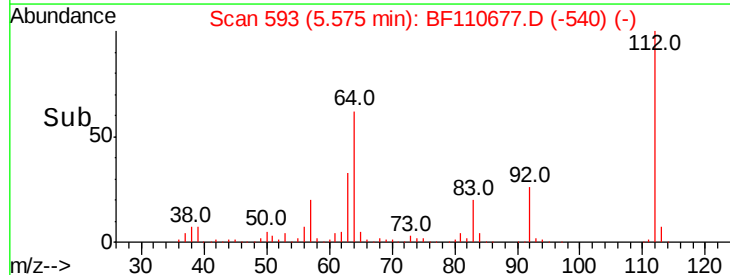
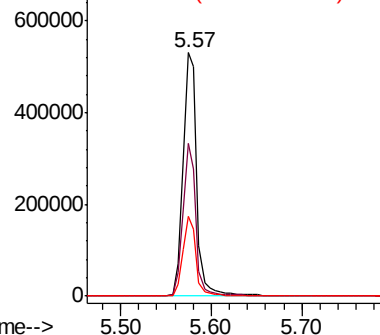
#5

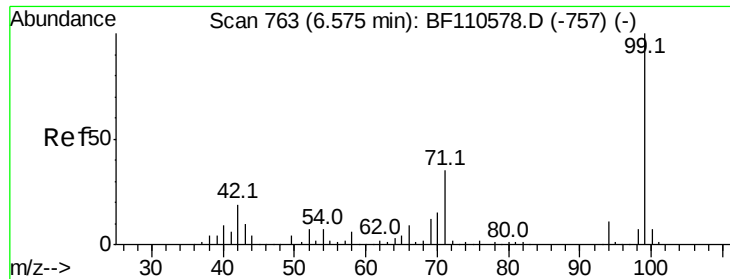
2-Fluorophenol
Concen: 102.287 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110677.D
Acq: 12 Nov 2018 16:28

Tgt Ion:112 Resp: 569810
Ion Ratio Lower Upper
112 100
64 62.5 44.1 66.1
63 33.0 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: 88.713 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110677.D

Acq: 12 Nov 2018 16:28

Instrument :

BNA_F

ClientSampleId :

SB-12-D

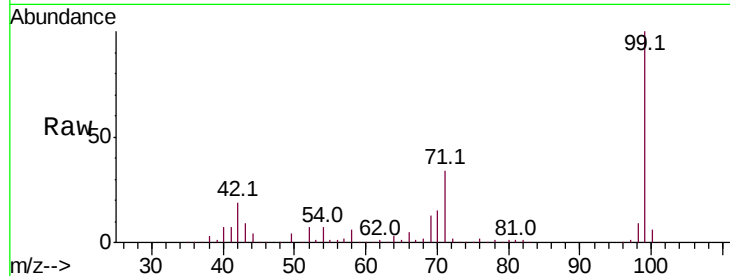
Tot Ion: 99 Resp: 631959

Ion Ratio Lower Upper

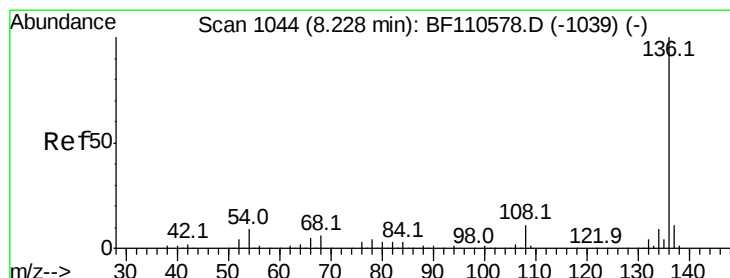
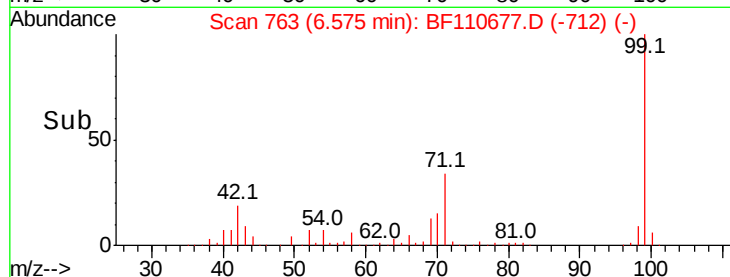
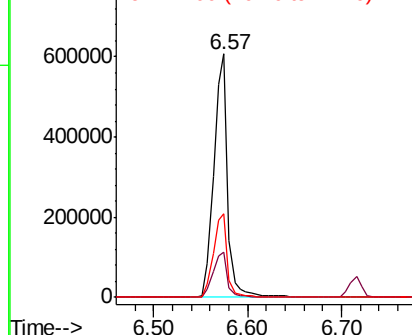
99 100

42 18.6 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: BF110677.D

Acq: 12 Nov 2018 16:28

Tgt Ion: 136 Resp: 373744

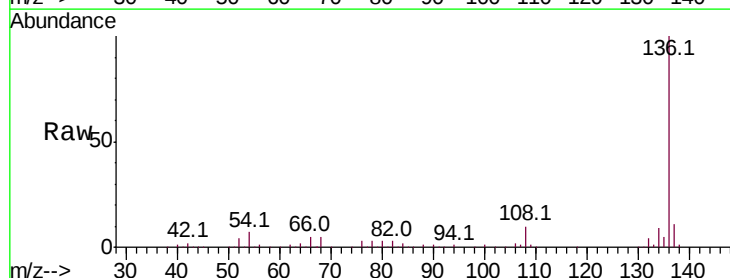
Ion Ratio Lower Upper

136 100

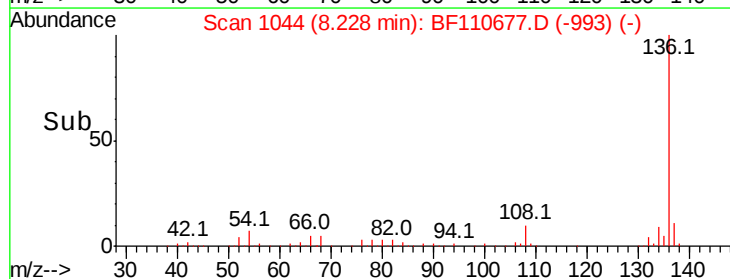
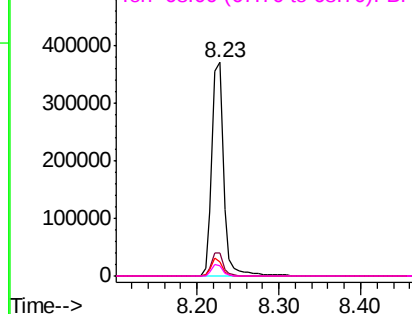
137 10.6 8.8 13.2

54 6.9 5.4 8.2

68 4.9 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

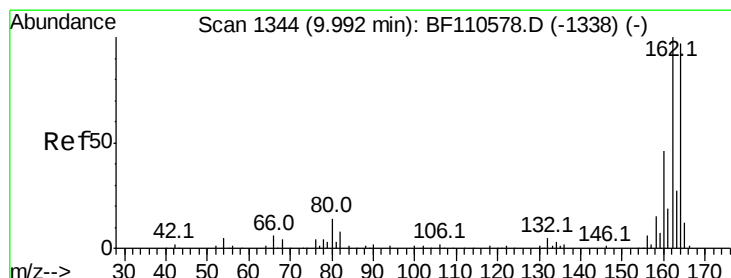
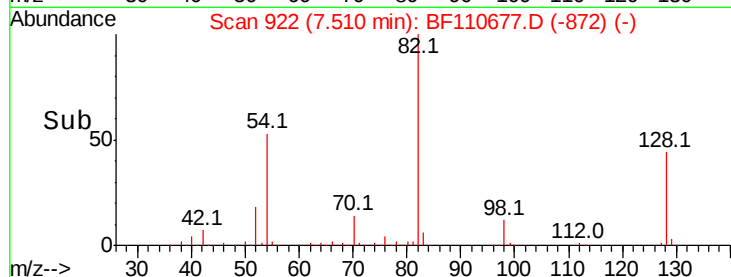
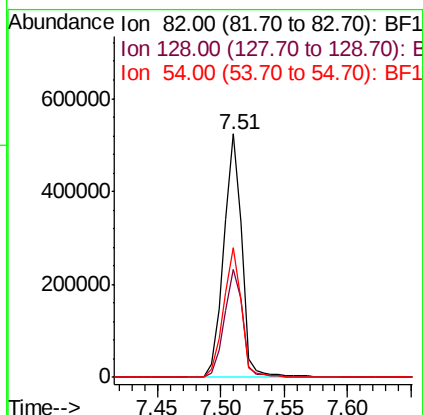
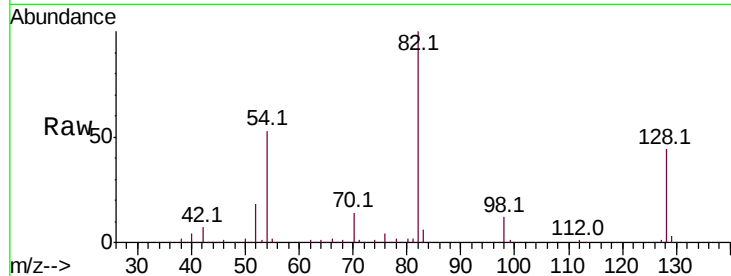




#23
Nitrobenzene-d5
Concen: 80.130 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110677.D
Acq: 12 Nov 2018 16:28

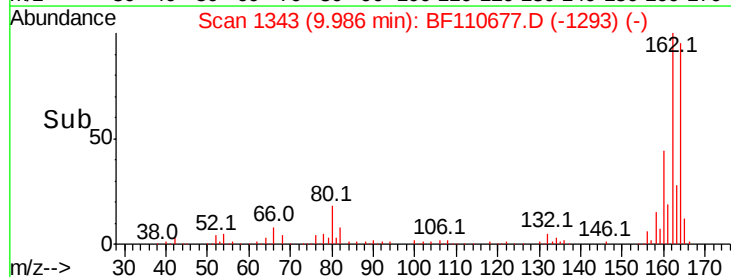
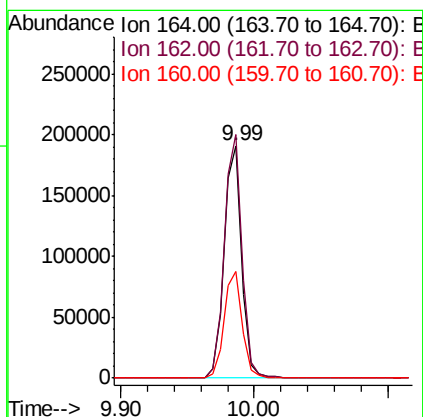
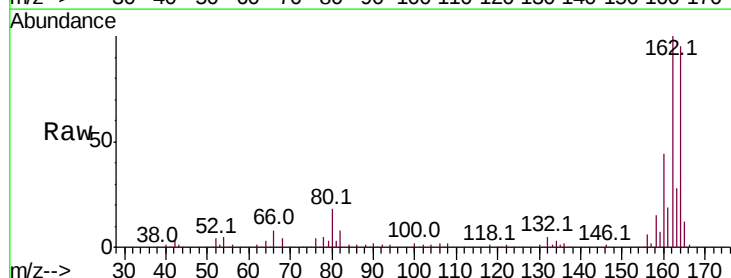
Instrument :
BNA_F
ClientSampleId :
SB-12-D

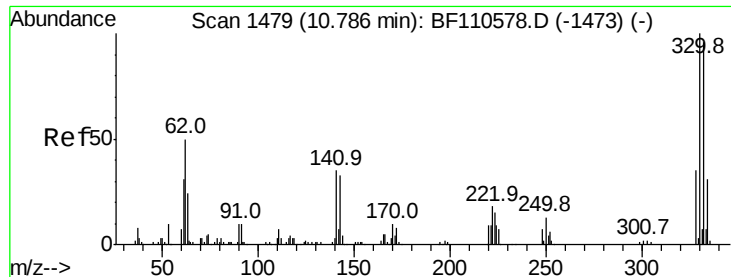
Tot Ion	82	Resp	520029
Ion Ratio	100		
Lower	34.2		
Upper	51.2		
54	53.1	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110677.D
Acq: 12 Nov 2018 16:28

Tgt Ion	164	Resp	177745
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	83.0		
Upper	124.6		
162	104.8	37.0	55.6

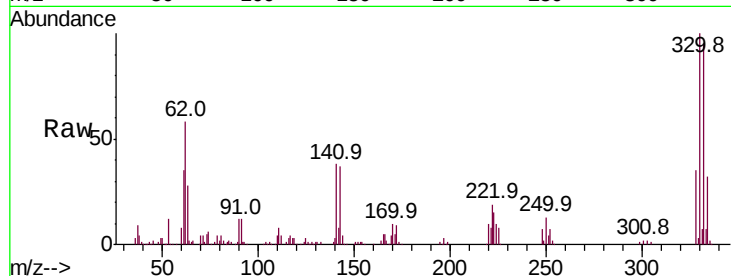




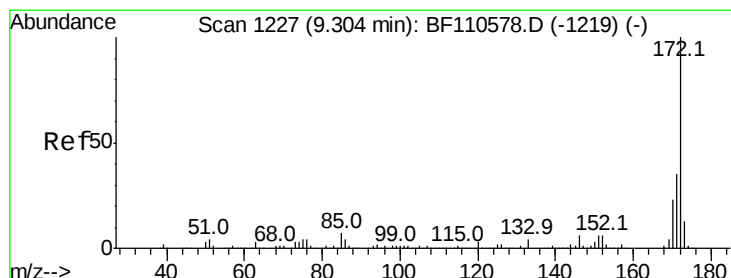
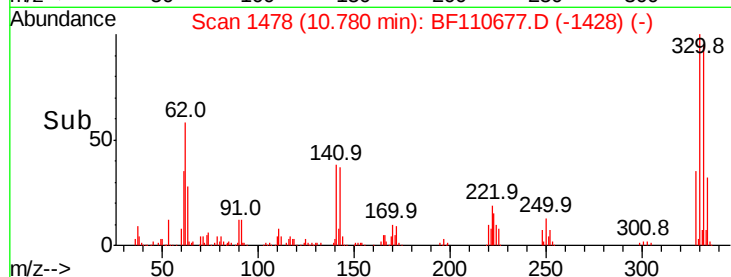
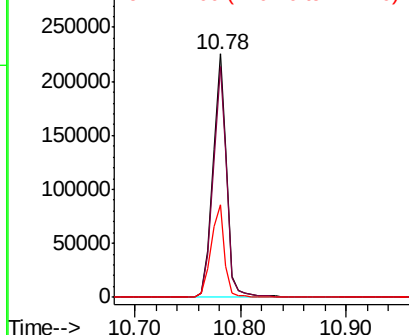
#42
 2,4,6-Tribromophenol
 Concen: 116.449 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110677.D
 Acq: 12 Nov 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.1	115.7
141	37.4	27.0	40.4

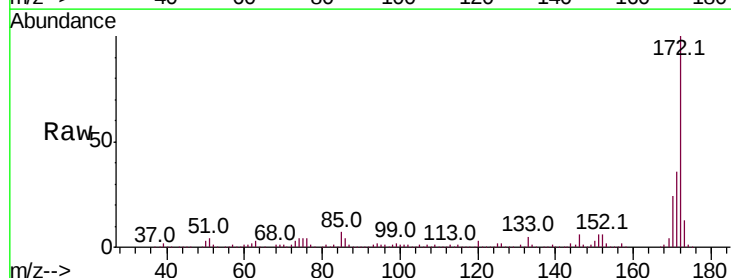


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

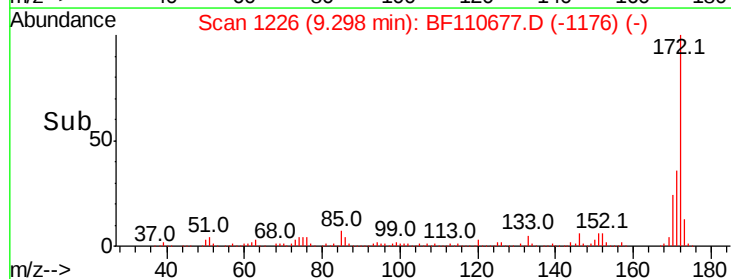
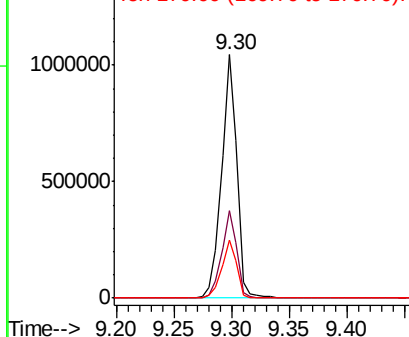


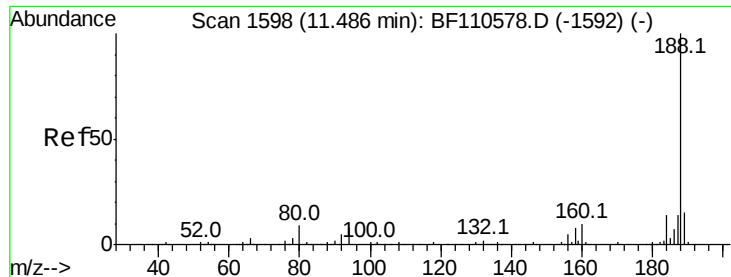
#45
 2-Fluorobiphenyl
 Concen: 76.934 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110677.D
 Acq: 12 Nov 2018 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.0	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: BF110677.D

Acq: 12 Nov 2018 16:28

Instrument :

BNA_F

ClientSampleID :

SB-12-D

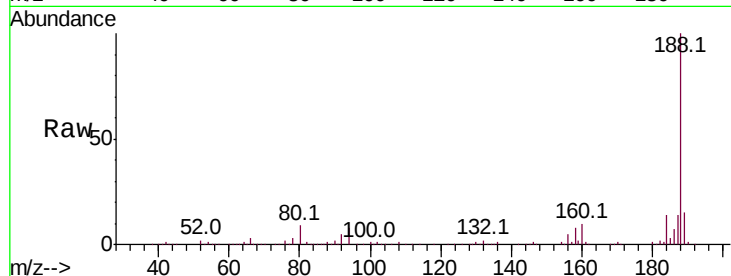
Tot Ion:188 Resp: 333169

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

80 9.3 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

500000

400000

300000

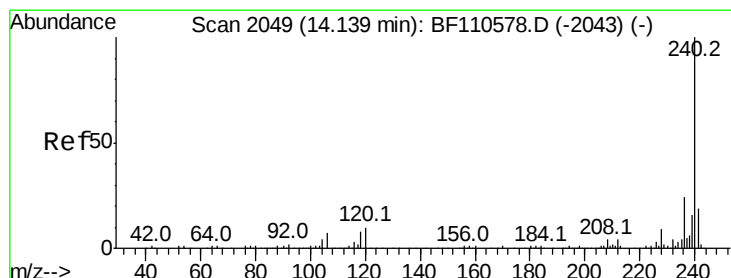
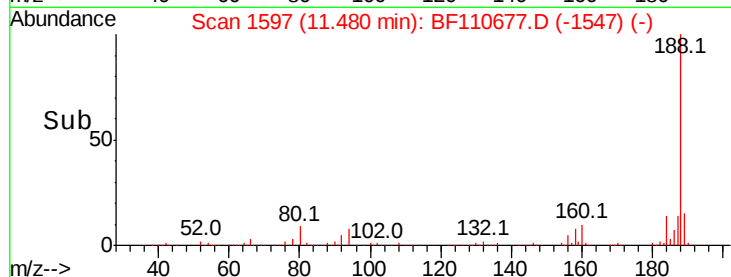
200000

100000

0

11.45 11.50 11.55

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110677.D

Acq: 12 Nov 2018 16:28

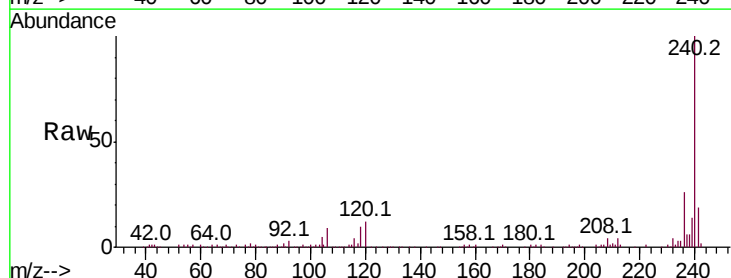
Tgt Ion:240 Resp: 212528

Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

236 26.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

300000

250000

200000

150000

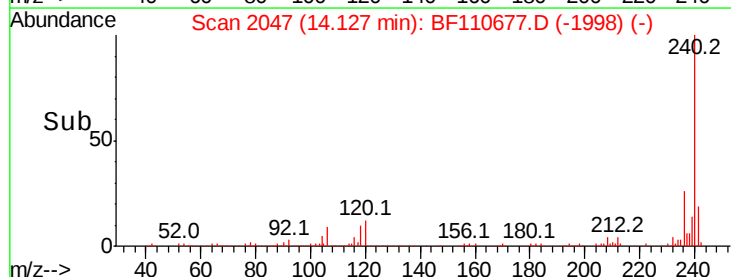
100000

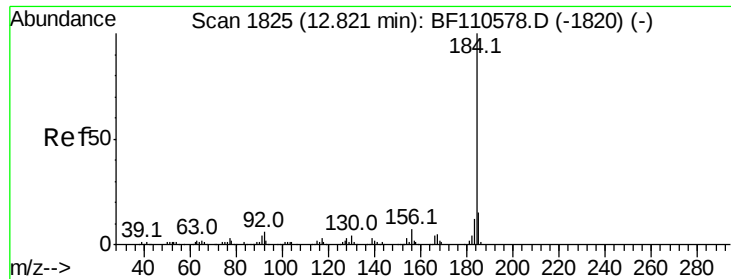
50000

0

14.05 14.10 14.15 14.20

Time-->





#77

Benzidine

Concen: 12.762 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110677.D

Acq: 12 Nov 2018 16:28

Instrument :

BNA_F

ClientSampleId :

SB-12-D

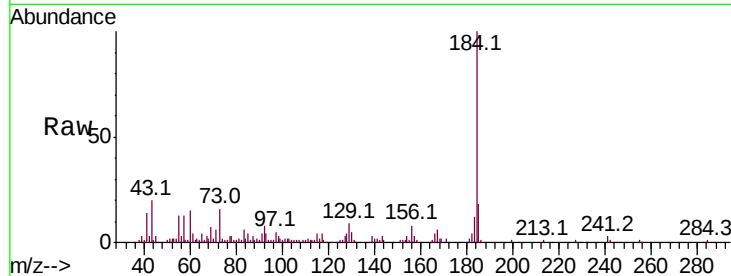
Tot Ion:184 Resp: 74587

Ion Ratio Lower Upper

184 100

185 17.8 13.4 20.2

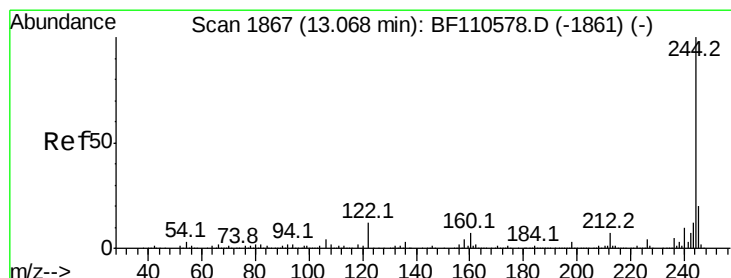
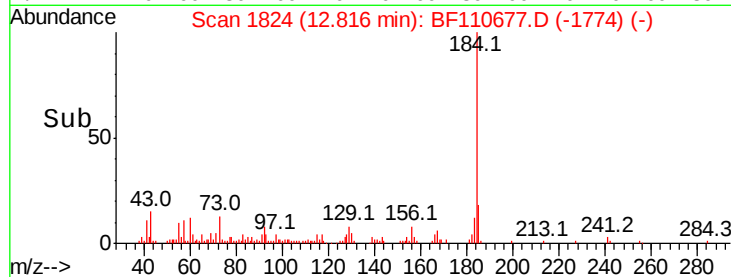
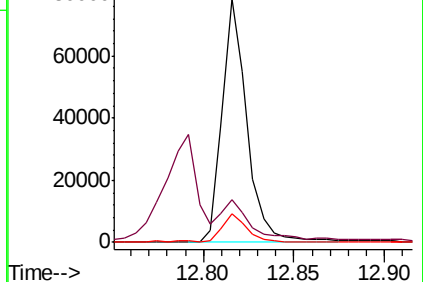
183 11.6 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 82.654 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110677.D

Acq: 12 Nov 2018 16:28

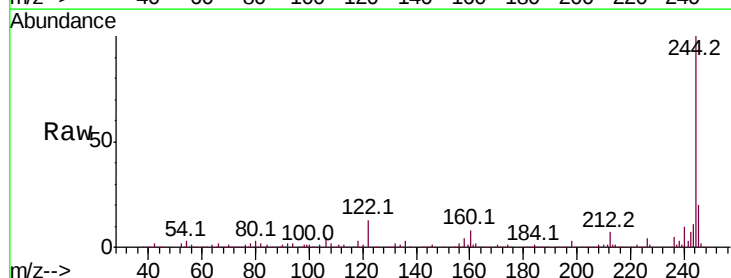
Tgt Ion:244 Resp: 937991

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

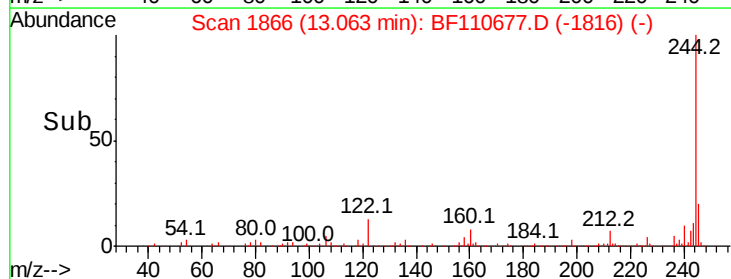
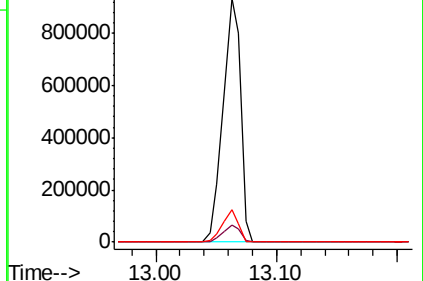
122 13.1 8.7 13.1

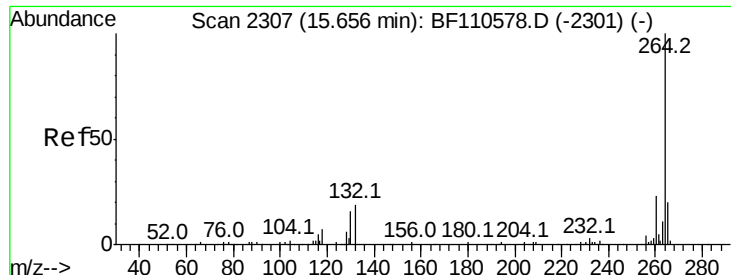


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

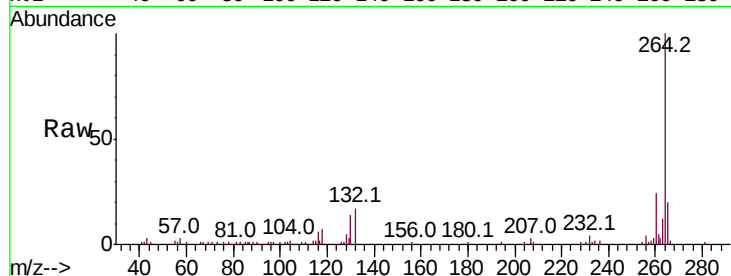




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110677.D
 Acq: 12 Nov 2018 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	19.9	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
 150000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

