

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110778.D
 Acq On : 14 Nov 2018 21:34
 Operator : JU/SJ
 Sample : J5911-08 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-06(21-23)

Quant Time: Nov 15 06:09:37 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	70173	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	308906	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	143952	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	248976	20.00	ng	0.00
76) Chrysene-d12	14.13	240	164933	20.00	ng	-0.01
87) Perylene-d12	15.66	264	157269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	26637	6.17	ng	0.00
7) Phenol-d6	6.57	99	35728	6.47	ng	0.00
23) Nitrobenzene-d5	7.52	82	21141	3.94	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	6933	4.78	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	47969	4.76	ng	0.00
79) Terphenyl-d14	13.06	244	35162	3.99	ng	-0.01

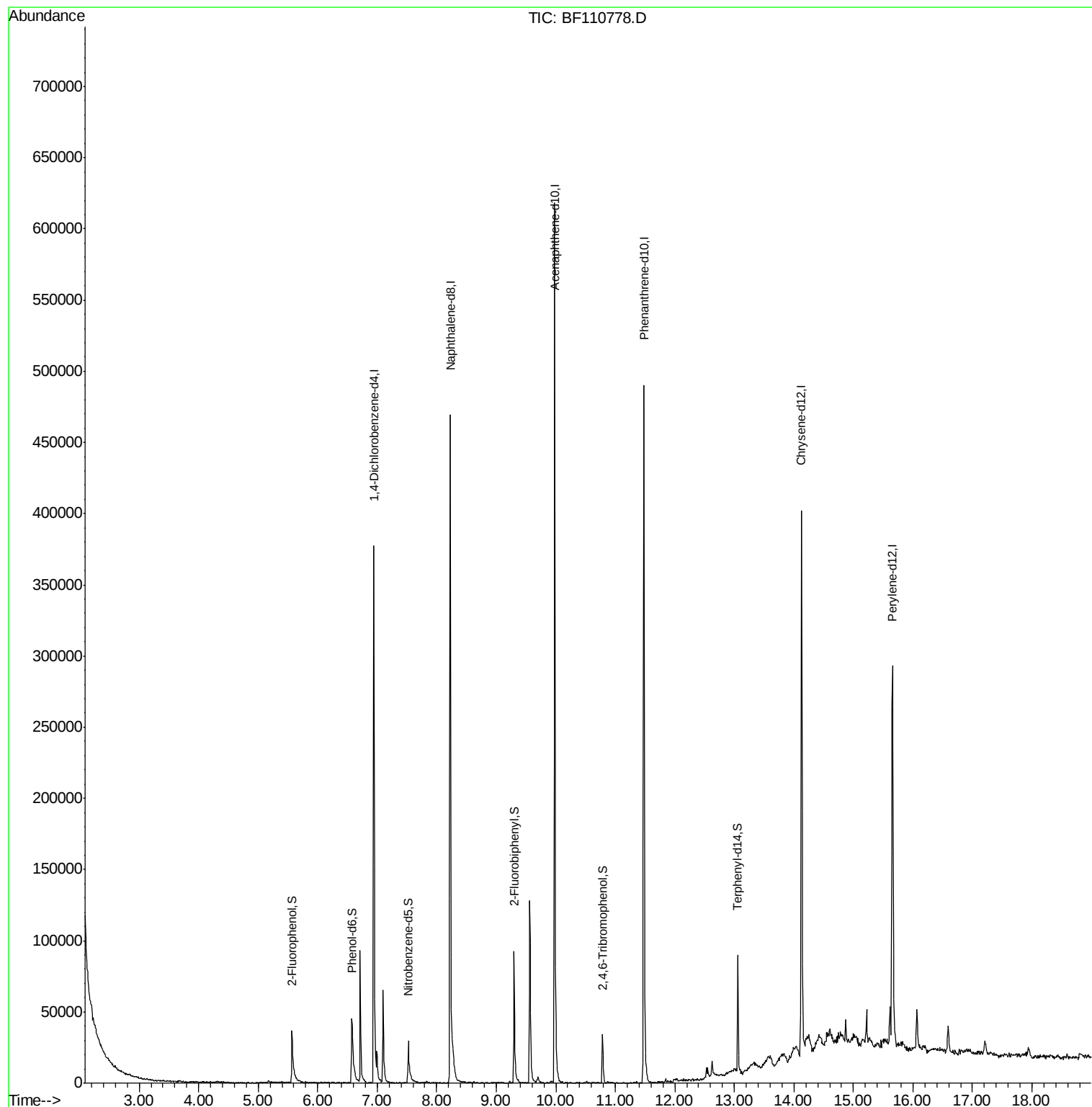
Target Compounds Qvalue

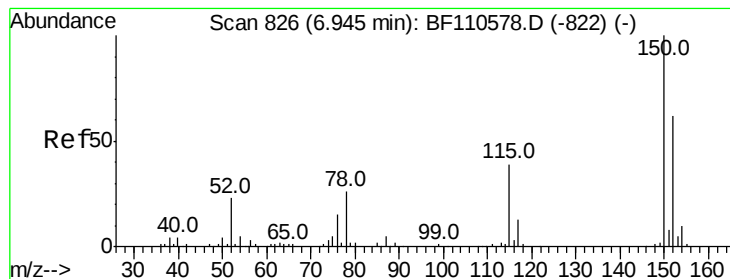
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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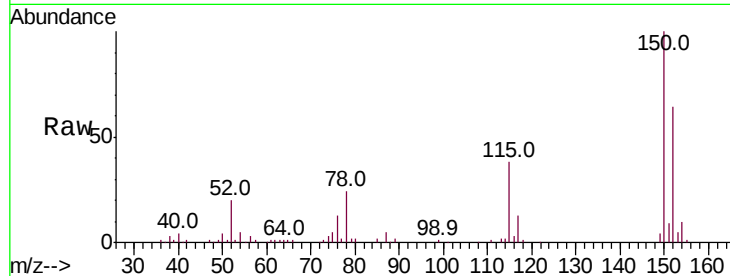


#1

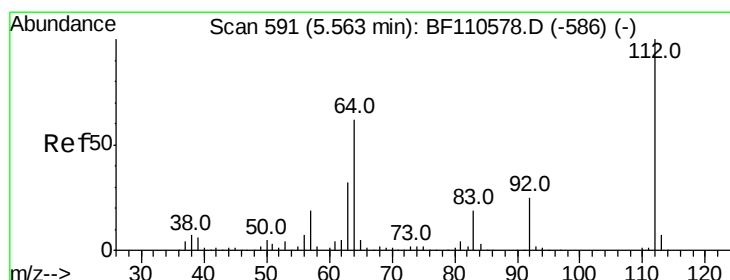
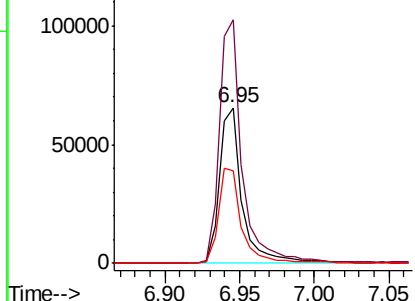
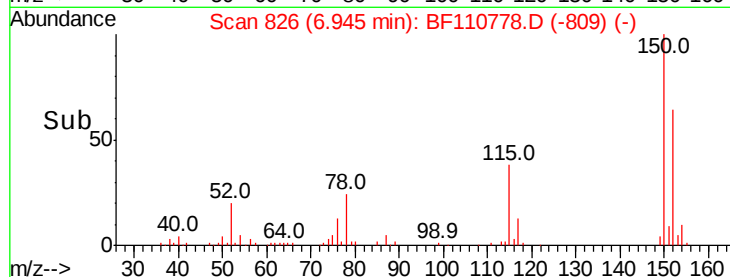
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110778.D
Acq: 14 Nov 2018 21:34

Instrument :
BNA_F
ClientSampleId :
FDSB-06(21-23)

Tot Ion:152 Resp: 70173
Ion Ratio Lower Upper
152 100
150 156.6 122.7 184.1
115 59.2 49.1 73.7



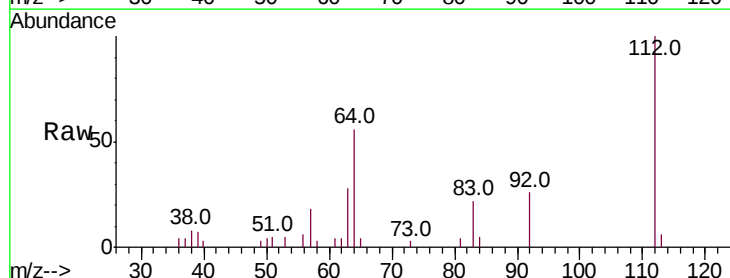
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



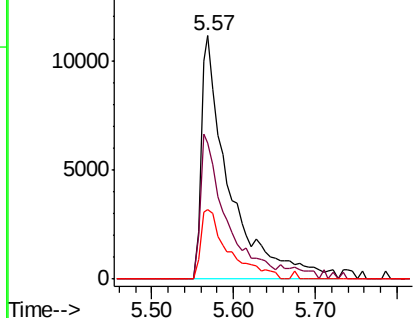
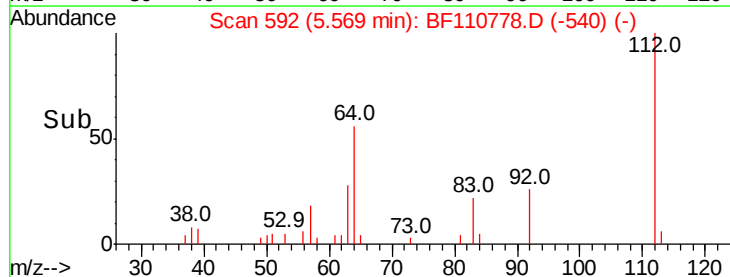
#5

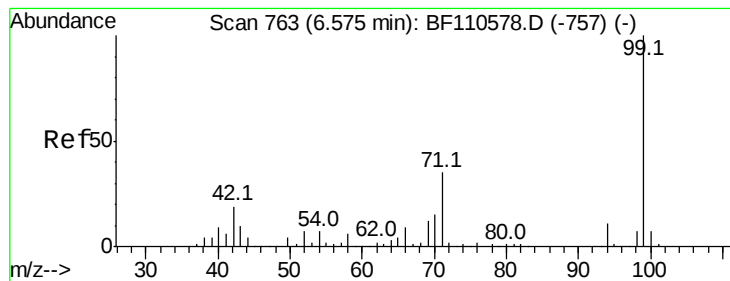
2-Fluorophenol
Concen: 6.166 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110778.D
Acq: 14 Nov 2018 21:34

Tgt Ion:112 Resp: 26637
Ion Ratio Lower Upper
112 100
64 55.9 44.1 66.1
63 28.4 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: 6.467 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110778.D

Acq: 14 Nov 2018 21:34

Instrument :

BNA_F

ClientSampleId :

FDSB-06(21-23)

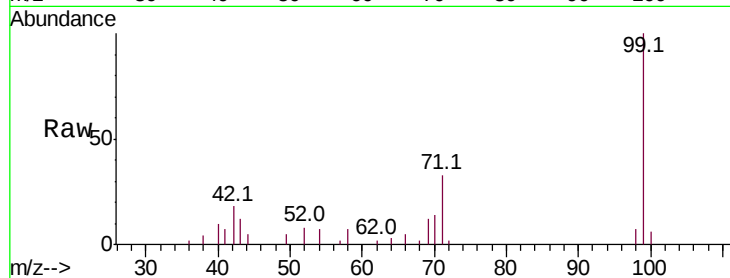
Tot Ion: 99 Resp: 35728

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

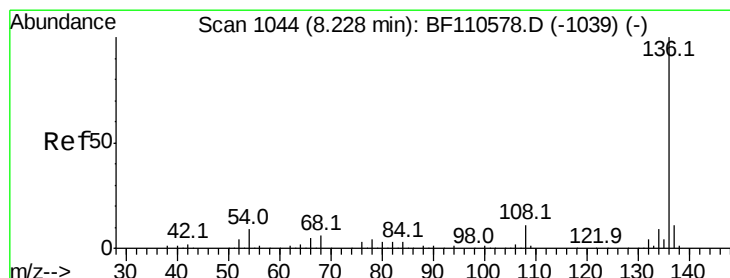
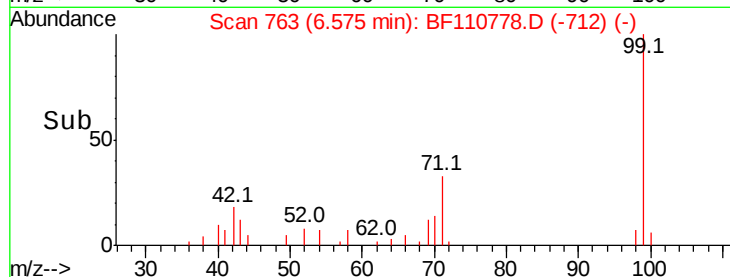
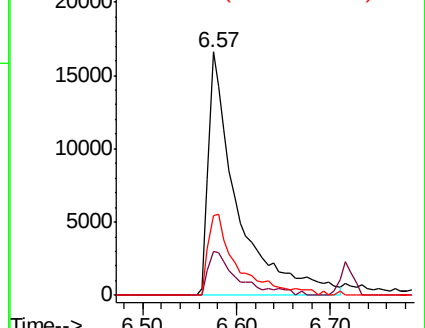
71 32.8 28.0 42.0



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: BF110778.D

Acq: 14 Nov 2018 21:34

Tgt Ion: 136 Resp: 308906

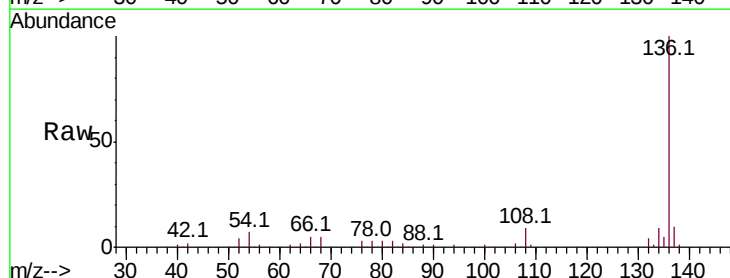
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.9 5.4 8.2

68 4.9 4.2 6.2

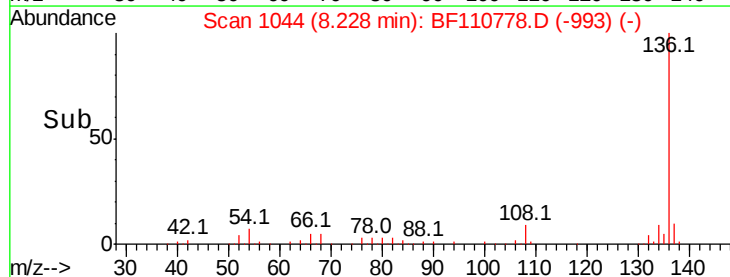
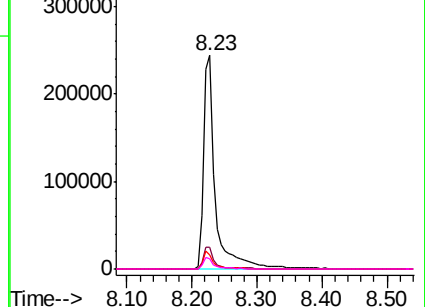


Abundance Ion 136.00 (135.70 to 136.70): E

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

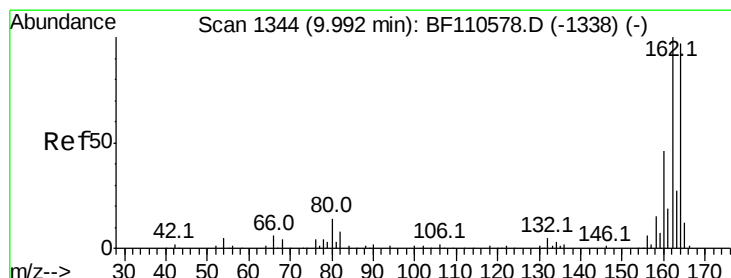
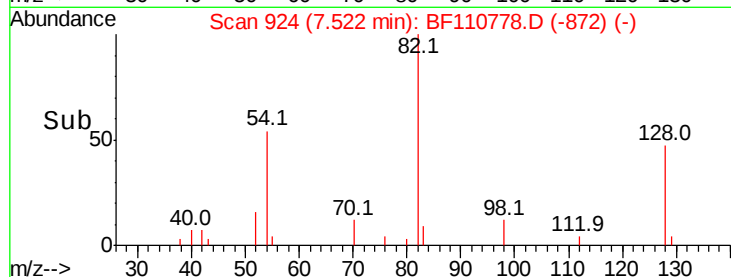
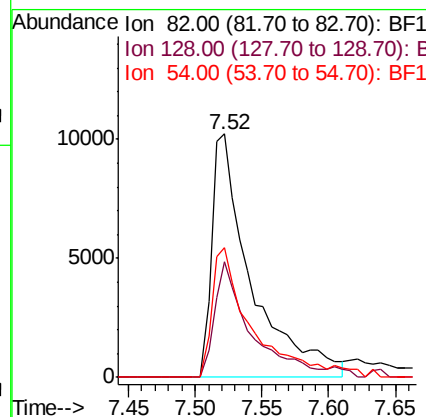
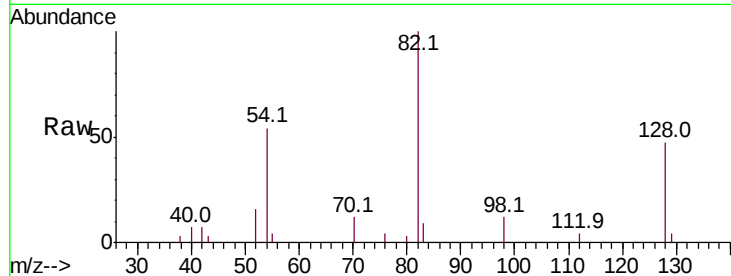




#23
 Nitrobenzene-d5
 Concen: 3.941 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: BF110778.D
 Acq: 14 Nov 2018 21:34

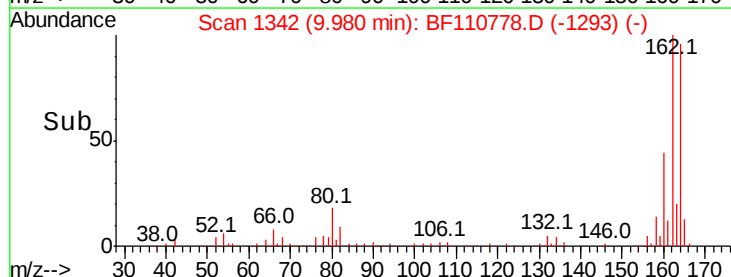
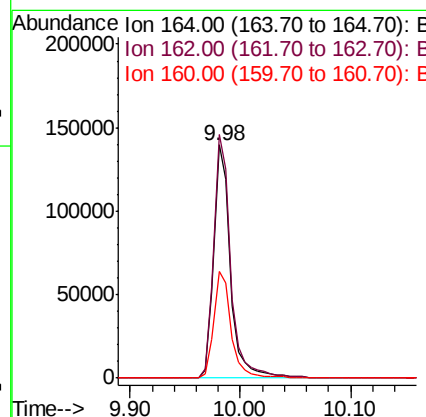
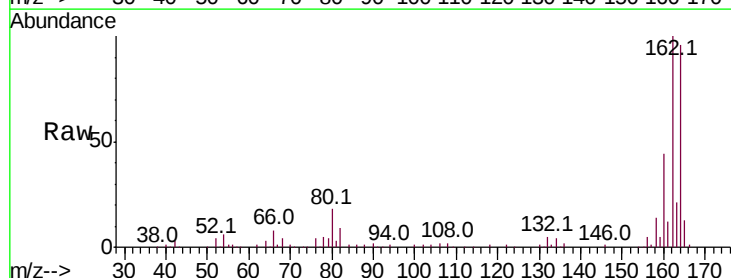
Instrument :
 BNA_F
 ClientSampleId :
 FDSB-06(21-23)

Tot Ion: 82 Resp: 21141
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.2 51.2
 54 53.5 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110778.D
 Acq: 14 Nov 2018 21:34

Tgt Ion:164 Resp: 143952
 Ion Ratio Lower Upper
 164 100
 162 104.5 83.0 124.6
 160 45.8 37.0 55.6

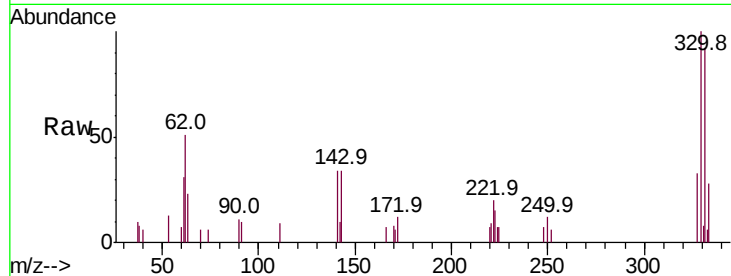




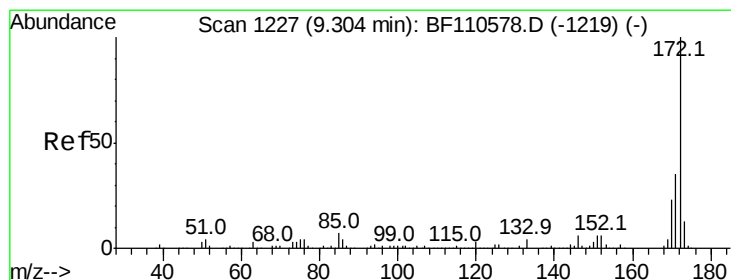
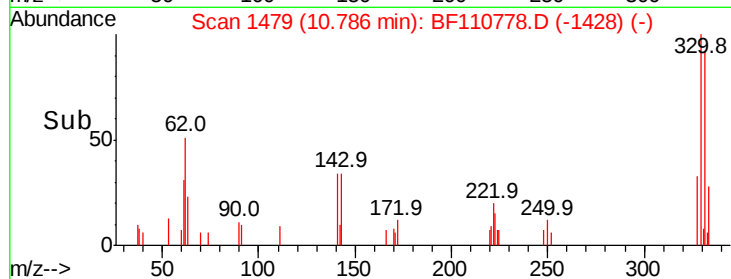
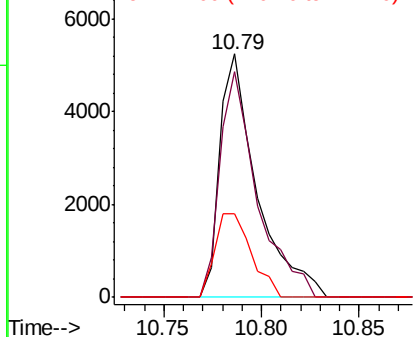
#42
 2,4,6-Tribromophenol
 Concen: 4.780 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110778.D
 Acq: 14 Nov 2018 21:34

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-06(21-23)

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.1	115.7
141	33.7	27.0	40.4

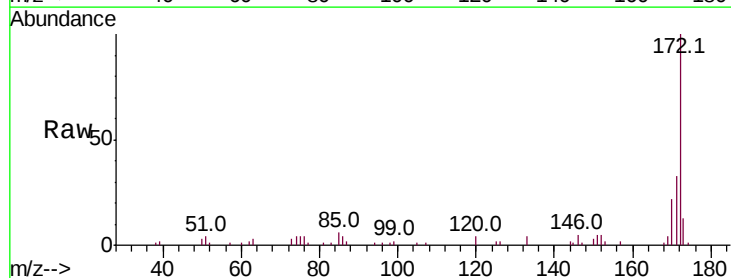


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

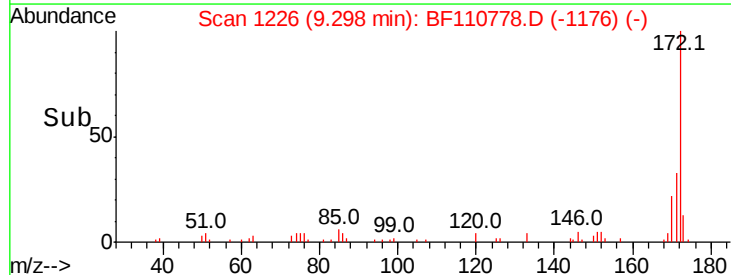
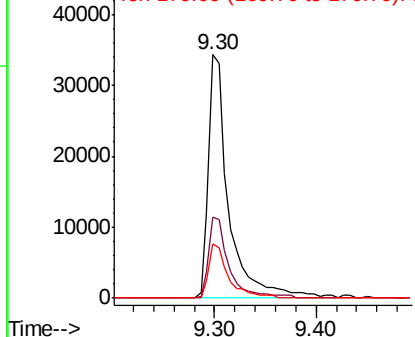


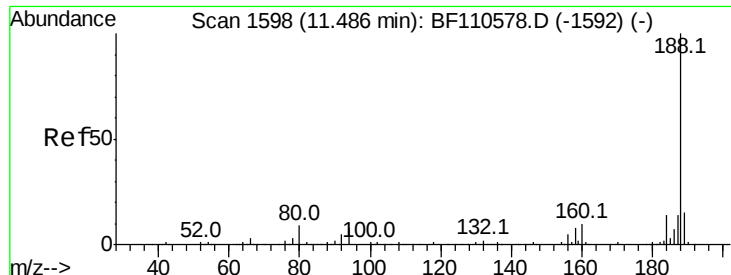
#45
 2-Fluorobiphenyl
 Concen: 4.759 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110778.D
 Acq: 14 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.1	28.6	43.0
170	22.1	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

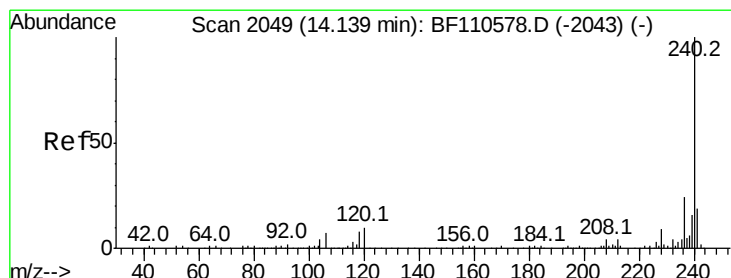
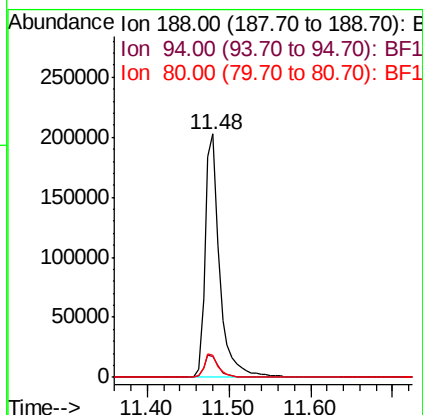
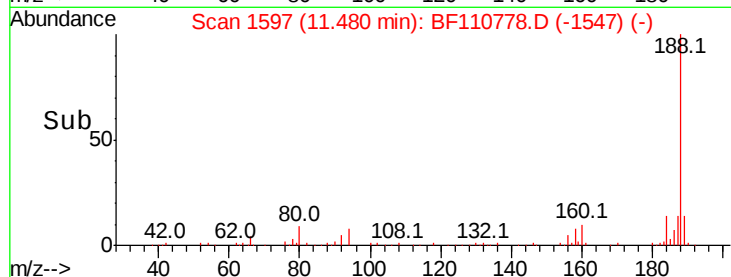
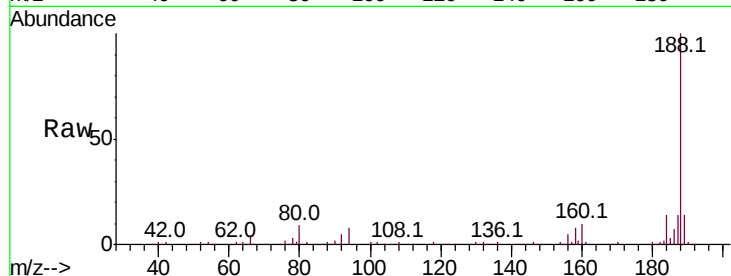




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110778.D
Acq: 14 Nov 2018 21:34

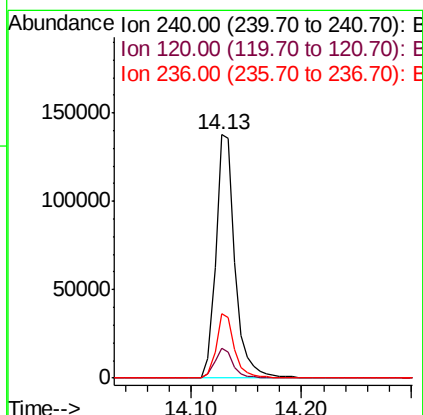
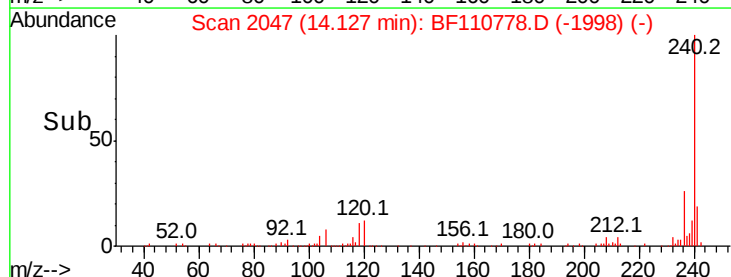
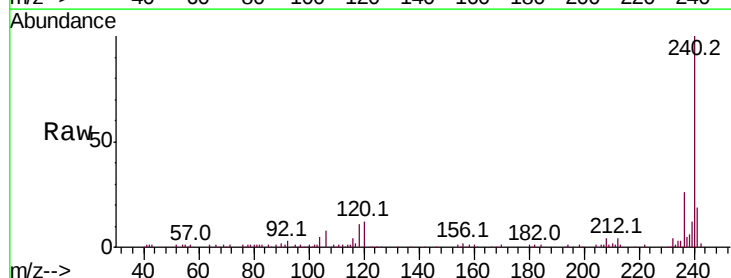
Instrument :
BNA_F
ClientSampleId :
FDSB-06(21-23)

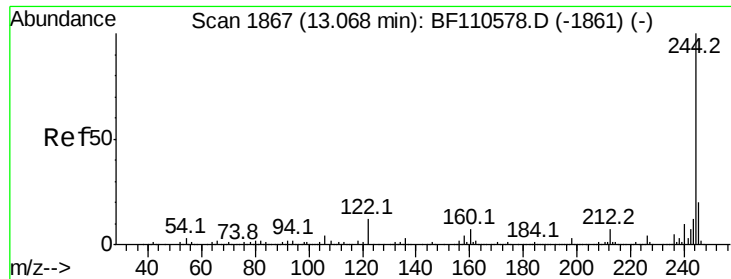
Tot Ion:188 Resp: 248976
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110778.D
Acq: 14 Nov 2018 21:34

Tgt Ion:240 Resp: 164933
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 26.5 21.2 31.8





#79

Terphenyl-d14

Concen: 3.993 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110778.D

Acq: 14 Nov 2018 21:34

Instrument :

BNA_F

ClientSampleId :

FDSB-06(21-23)

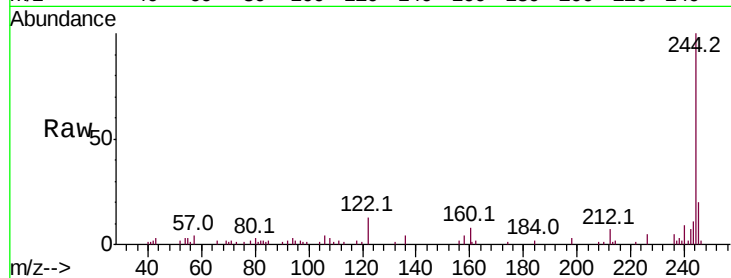
Tot Ion:244 Resp: 35162

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

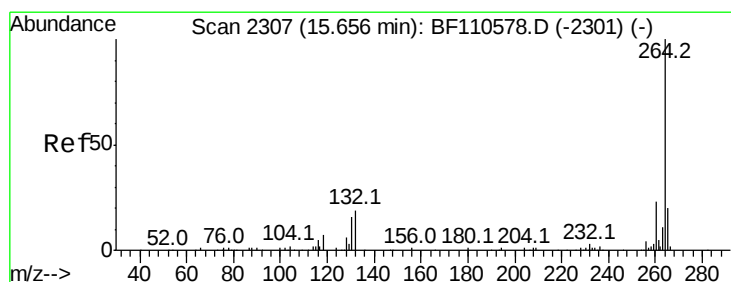
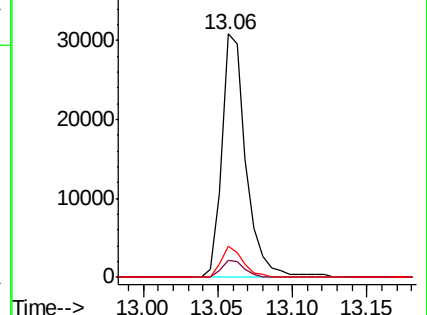
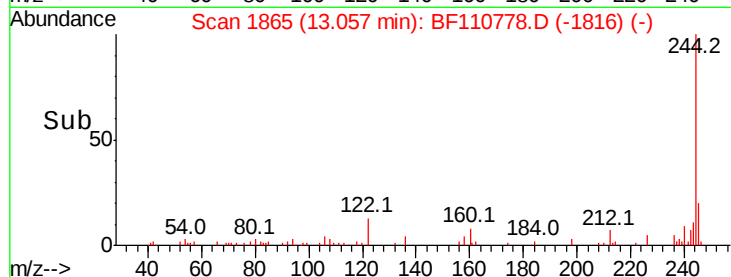
122 12.5 8.7 13.1



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: BF110778.D

Acq: 14 Nov 2018 21:34

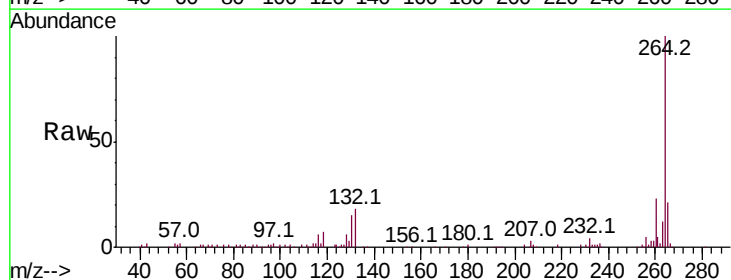
Tgt Ion:264 Resp: 157269

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.0 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

