

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110826.D
 Acq On : 16 Nov 2018 19:34
 Operator : JU/SJ
 Sample : J5951-03 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-04(10-12)

Quant Time: Nov 16 23:59:55 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

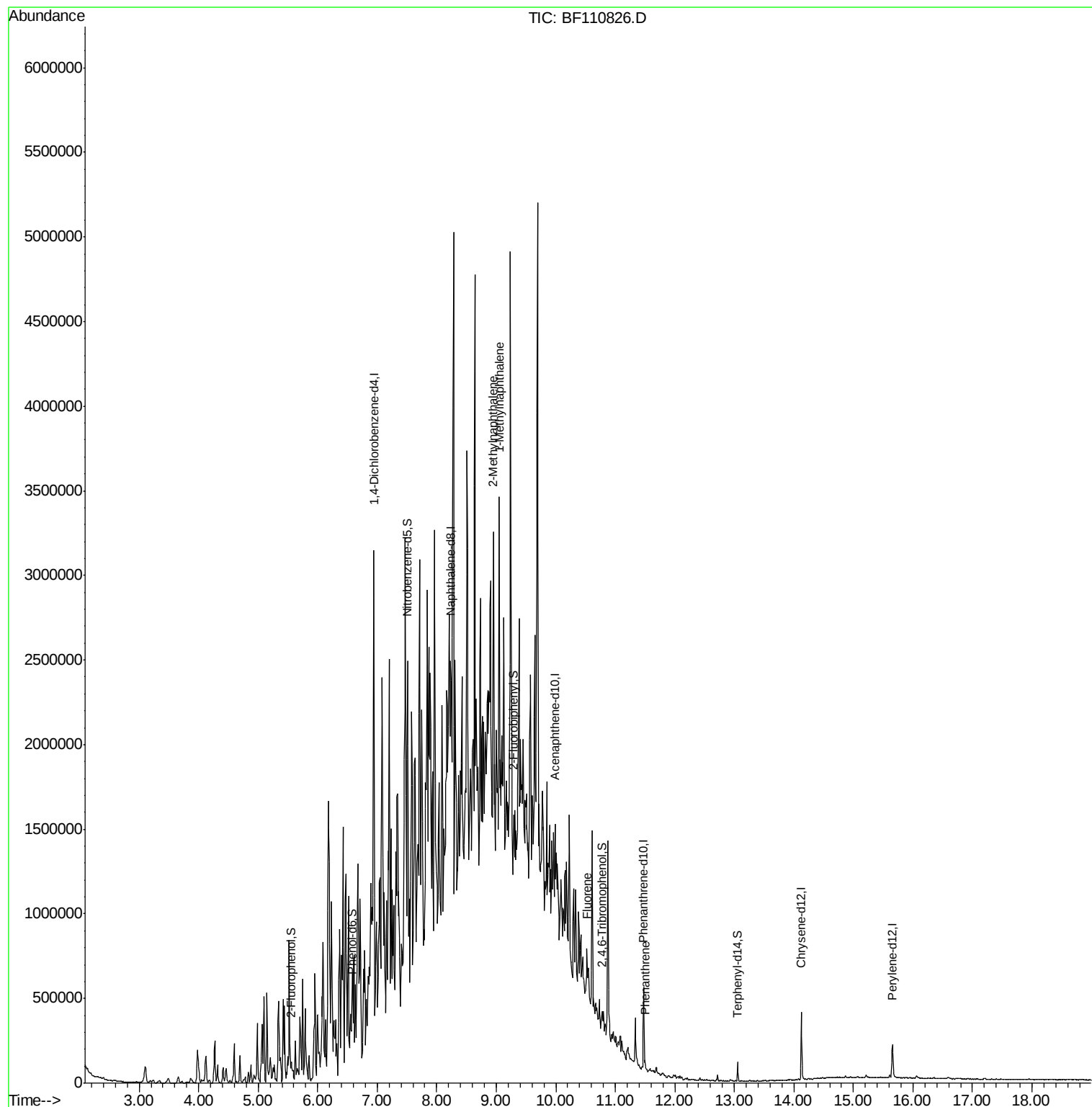
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	48819	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	209327	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	101426	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	166282	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	144018	20.00	ng	-0.01
87) Perylene-d12	15.66	264	107650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	30086	10.01	ng	0.00
7) Phenol-d6	6.57	99	43594	11.34	ng	0.00
23) Nitrobenzene-d5	7.51	82	25724	7.08	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	6745	6.60	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	48556	6.84	ng	0.00
79) Terphenyl-d14	13.06	244	39695	5.16	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.95	142	558302	86.667	ng	Qvalue 100
38) 1-Methylnaphthalene	9.05	142	428586	69.180	ng	# 99
58) Fluorene	10.53	166	26262	3.767	ng	# 83
71) Phenanthrene	11.50	178	19648	2.206	ng	98

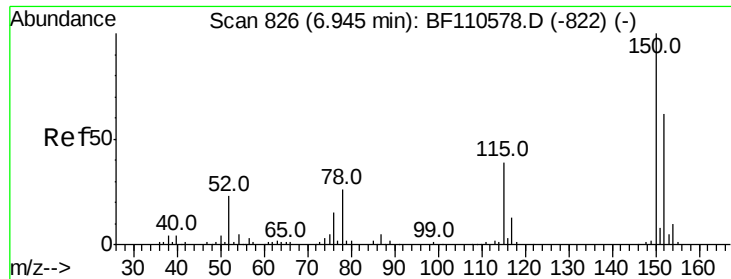
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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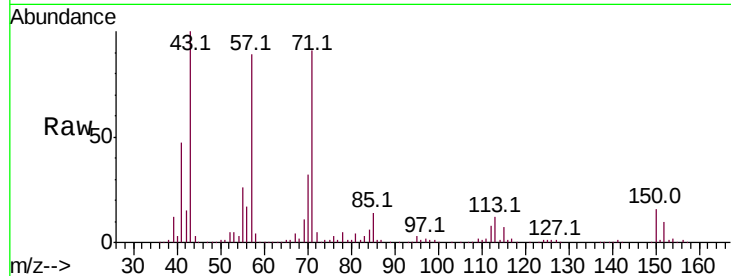


#1

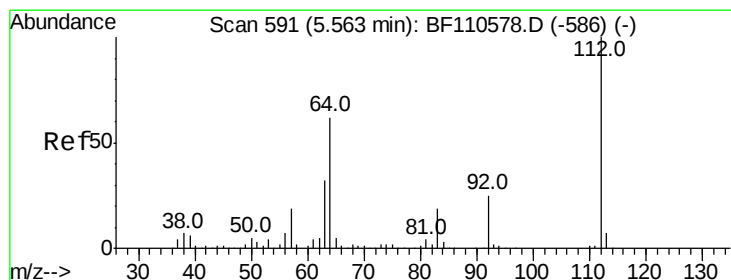
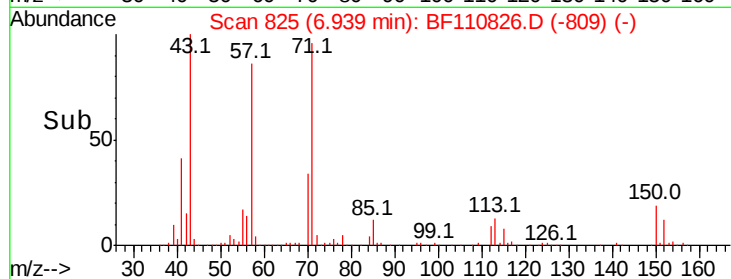
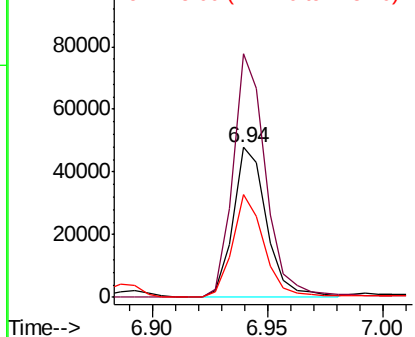
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110826.D
Acq: 16 Nov 2018 19:34

Instrument :
BNA_F
ClientSampleId :
FDSB-04(10-12)

Tot Ion:152 Resp: 48819
Ion Ratio Lower Upper
152 100
150 162.8 122.7 184.1
115 69.1 49.1 73.7



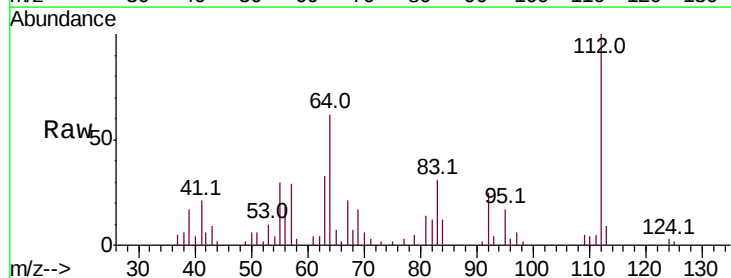
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



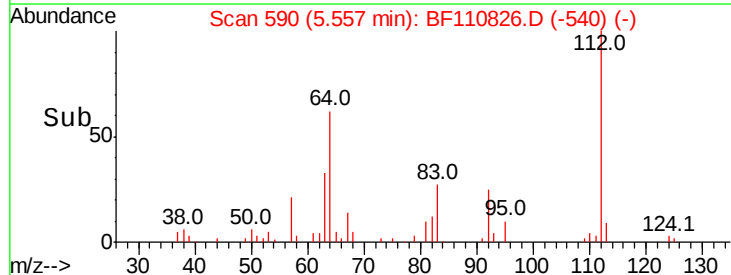
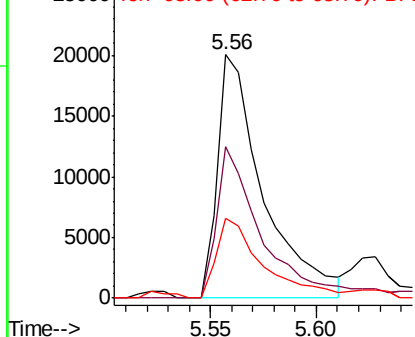
#5

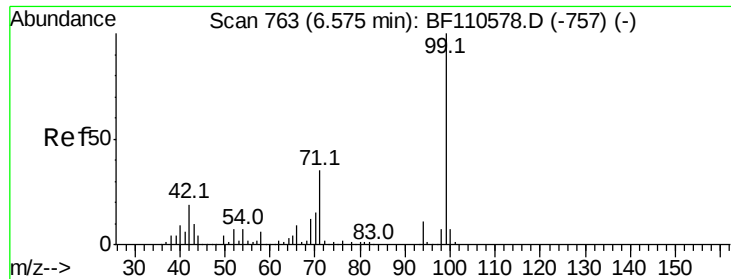
2-Fluorophenol
Concen: 10.010 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110826.D
Acq: 16 Nov 2018 19:34

Tgt Ion:112 Resp: 30086
Ion Ratio Lower Upper
112 100
64 62.0 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: 11.343 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110826.D

Acq: 16 Nov 2018 19:34

Instrument :

BNA_F

ClientSampleId :

FDSB-04(10-12)

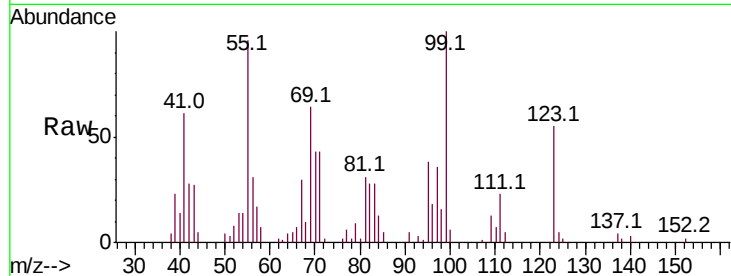
Tot Ion: 99 Resp: 43594

Ion Ratio Lower Upper

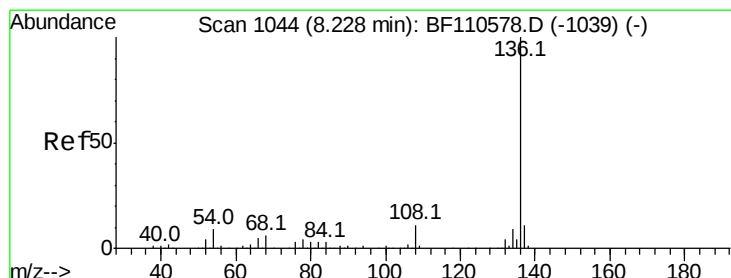
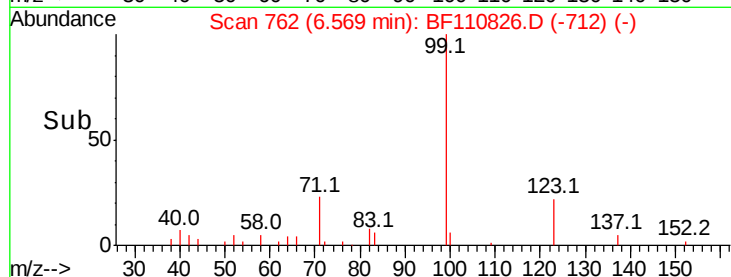
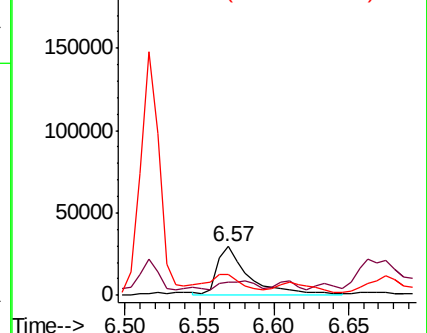
99 100

42 28.4 15.8 23.6#

71 43.3 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: BF110826.D

Acq: 16 Nov 2018 19:34

Tgt Ion: 136 Resp: 209327

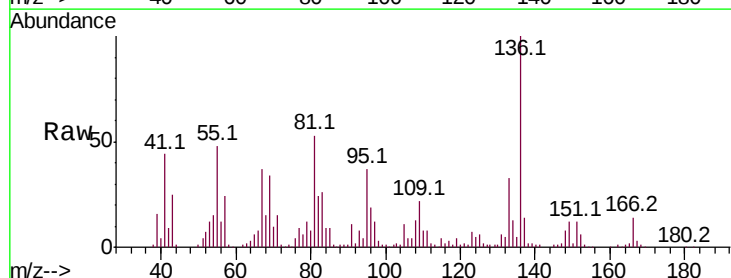
Ion Ratio Lower Upper

136 100

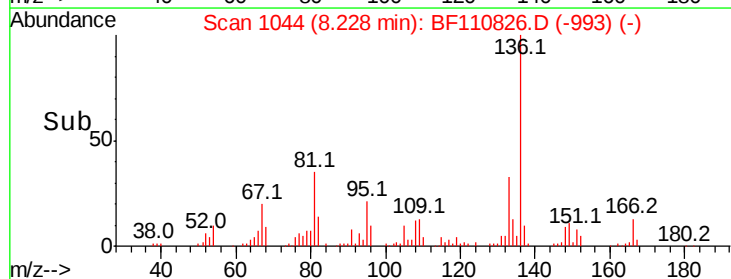
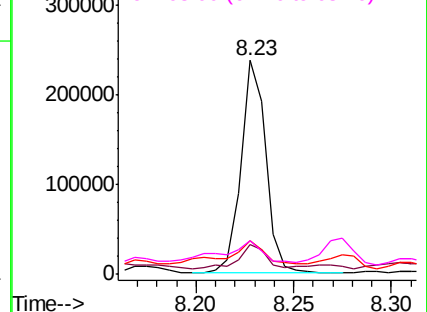
137 13.5 8.8 13.2#

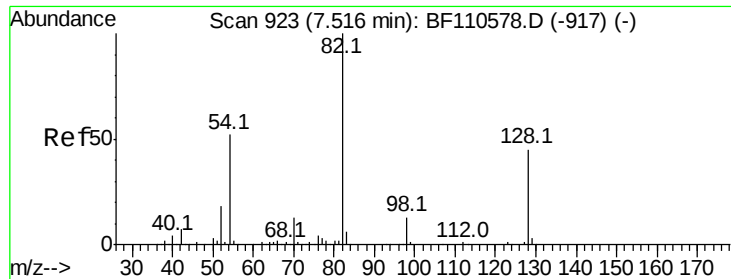
54 15.4 5.4 8.2#

68 15.4 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

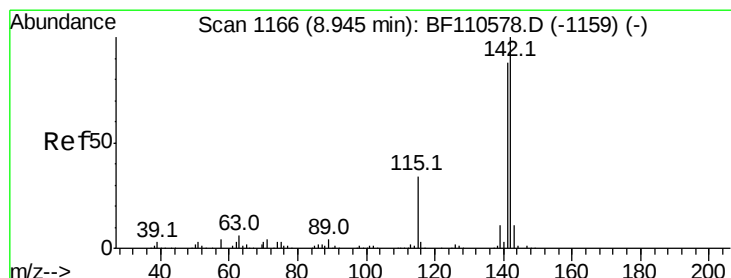
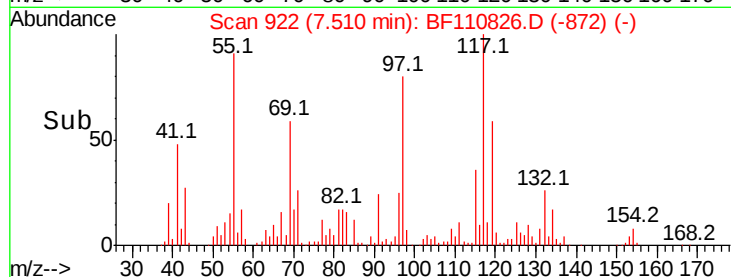
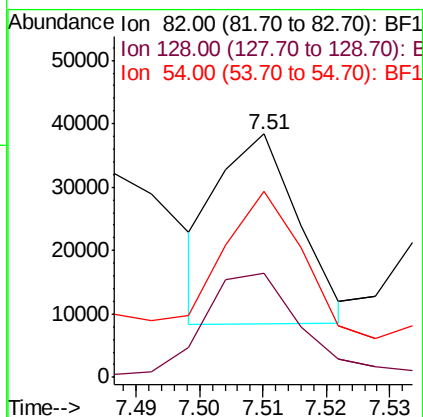
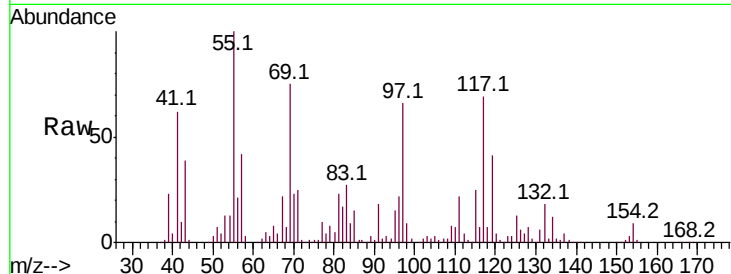




#23
 Nitrobenzene-d5
 Concen: 7.077 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110826.D
 Acq: 16 Nov 2018 19:34

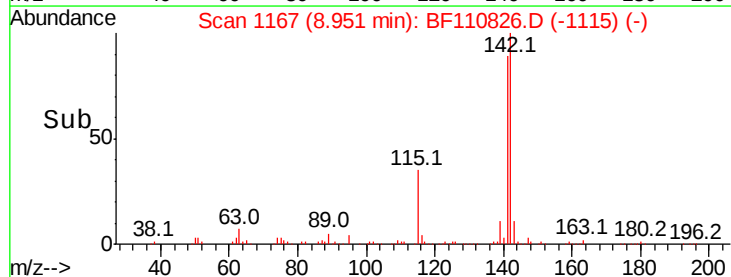
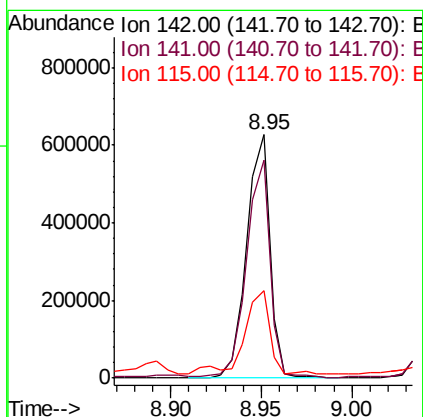
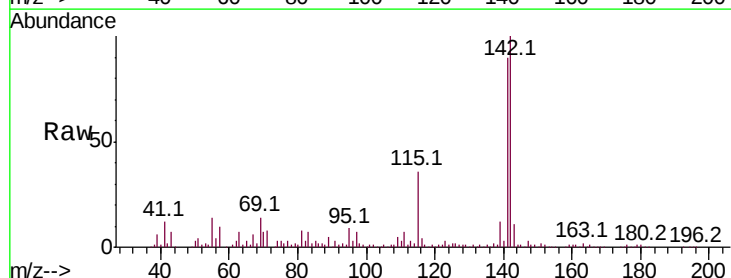
Instrument :
 BNA_F
 ClientSampleId :
 FDSB-04(10-12)

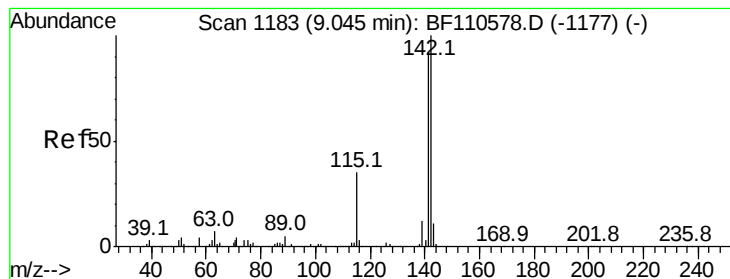
Tot Ion: 82 Resp: 25724
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.2 51.2
 54 76.5 38.6 58.0#



#37
 2-Methylnaphthalene
 Concen: 86.667 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF110826.D
 Acq: 16 Nov 2018 19:34

Tgt Ion:142 Resp: 558302
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.4 107.2
 115 35.9 28.7 43.1





#38

1-Methylnaphthalene

Concen: 69.180 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF110826.D

Acq: 16 Nov 2018 19:34

Instrument :

BNA_F

ClientSampleId :

FDSB-04(10-12)

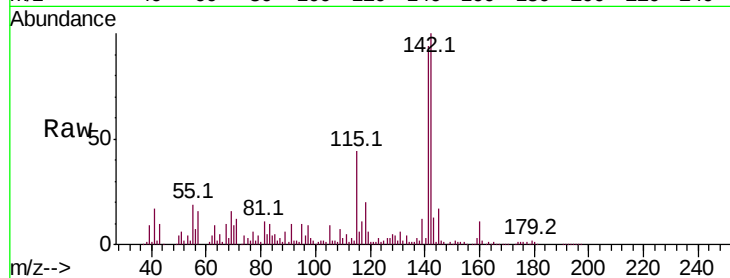
Tot Ion:142 Resp: 428586

Ion Ratio Lower Upper

142 100

141 93.5 74.2 111.4

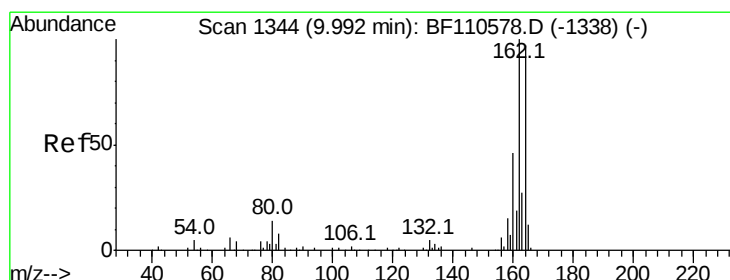
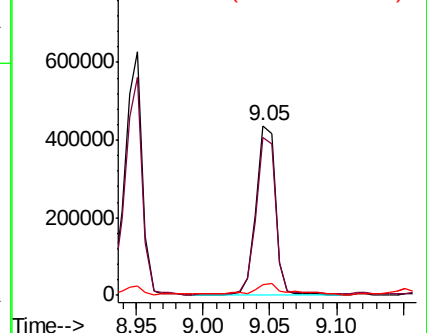
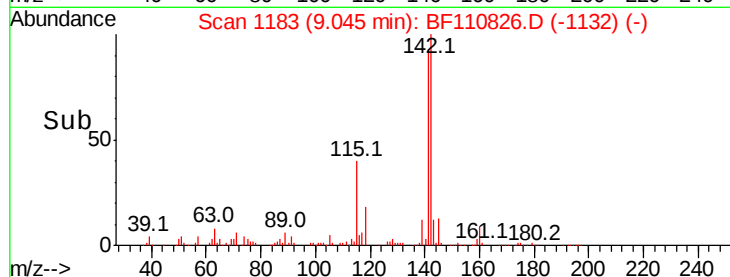
116 6.4 2.6 4.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110826.D

Acq: 16 Nov 2018 19:34

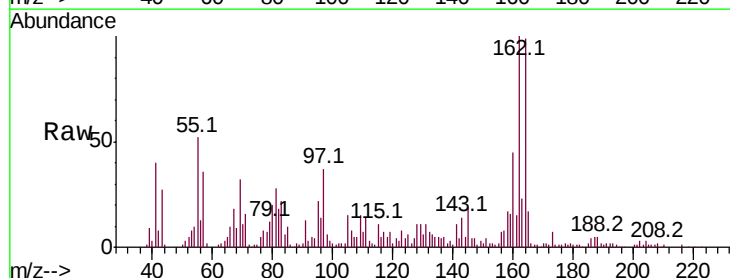
Tgt Ion:164 Resp: 101426

Ion Ratio Lower Upper

164 100

162 101.2 83.0 124.6

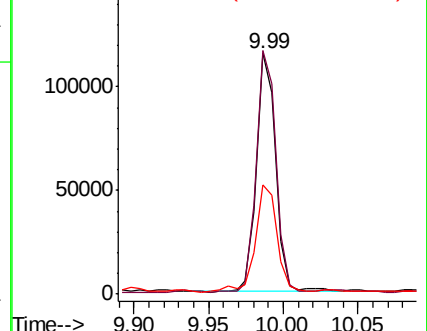
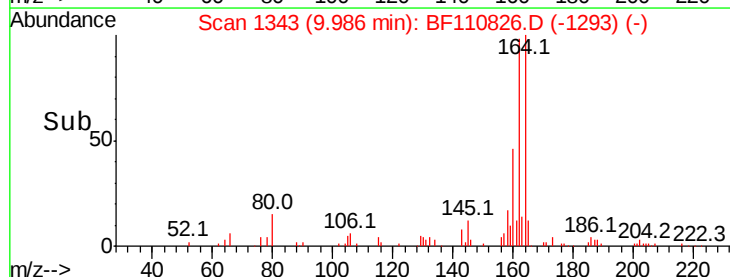
160 45.7 37.0 55.6

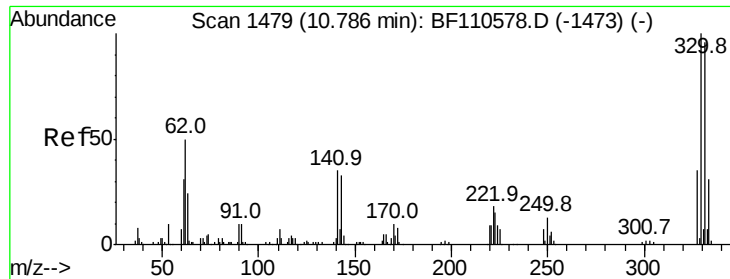


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

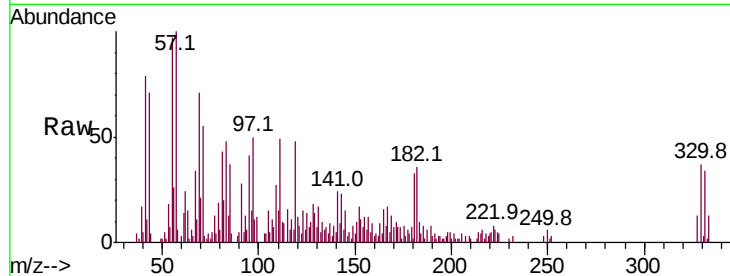




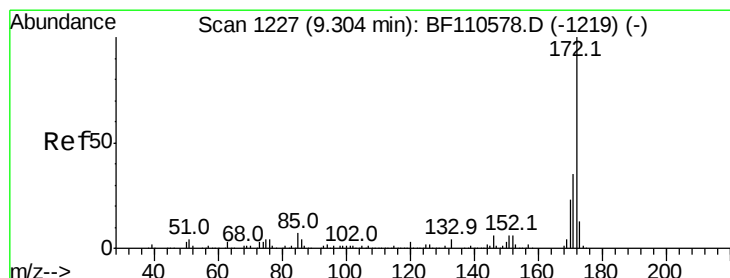
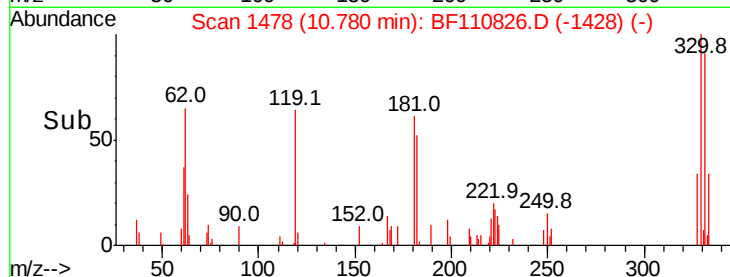
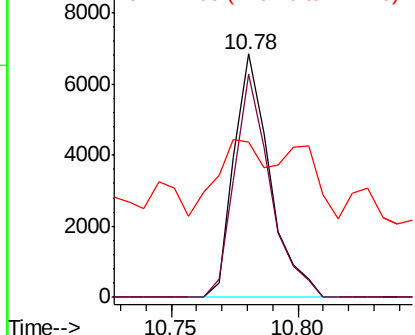
#42
 2,4,6-Tribromophenol
 Concen: 6.600 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110826.D
 Acq: 16 Nov 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-04(10-12)

Tot Ion:330 Resp: 6745
 Ion Ratio Lower Upper
 330 100
 332 91.5 77.1 115.7
 141 39.6 27.0 40.4

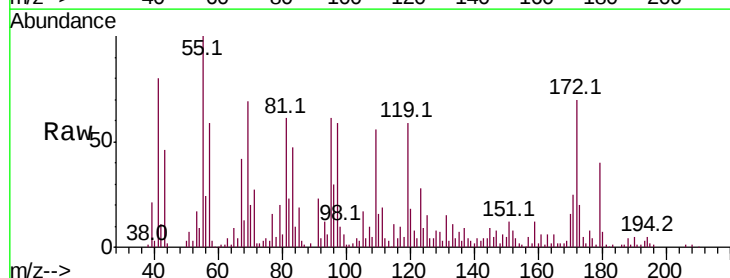


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

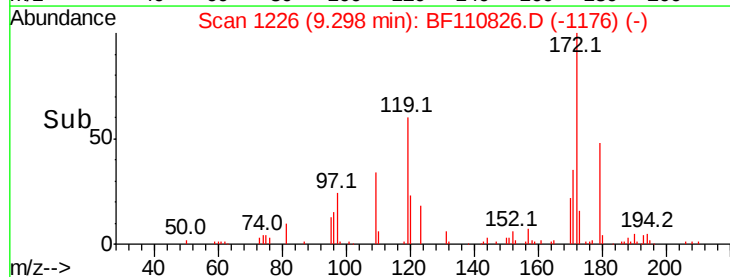
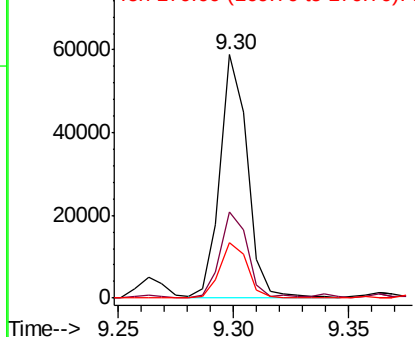


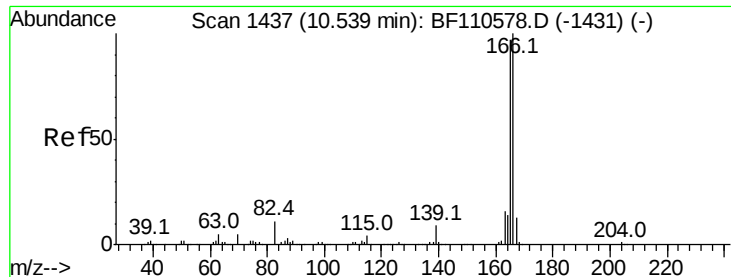
#45
 2-Fluorobiphenyl
 Concen: 6.837 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110826.D
 Acq: 16 Nov 2018 19:34

Tgt Ion:172 Resp: 48556
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.0 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





#58

Fluorene

Concen: 3.767 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF110826.D

Acq: 16 Nov 2018 19:34

Instrument :

BNA_F

ClientSampleId :

FDSB-04(10-12)

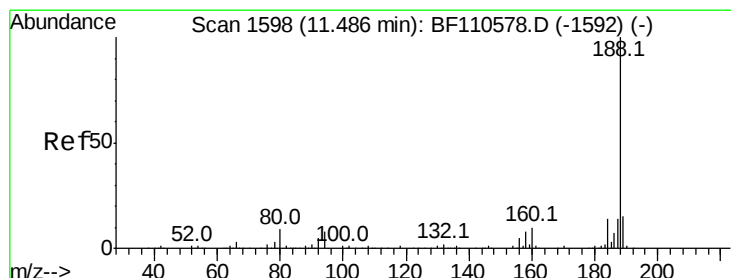
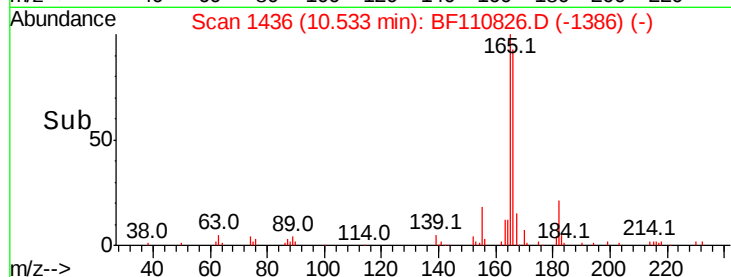
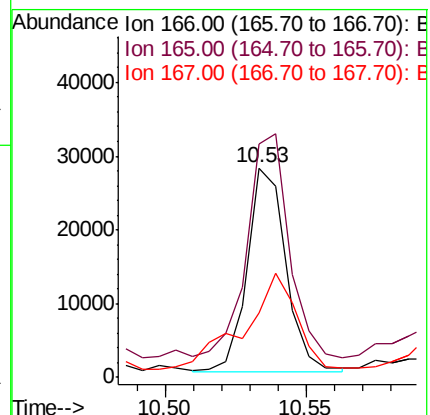
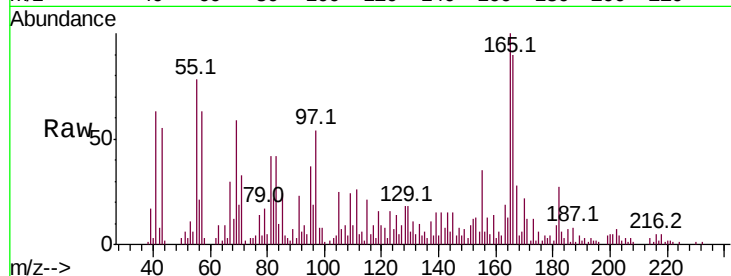
Tot Ion:166 Resp: 26262

Ion Ratio Lower Upper

166 100

165 111.6 78.6 117.8

167 30.9 10.8 16.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF110826.D

Acq: 16 Nov 2018 19:34

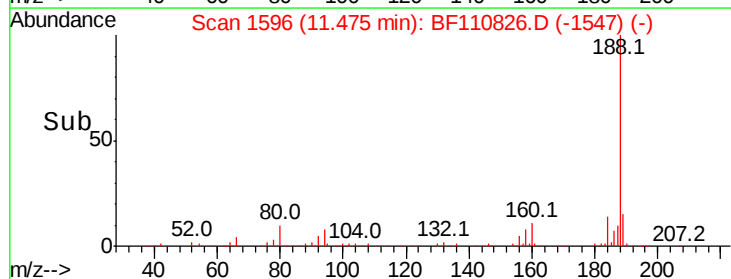
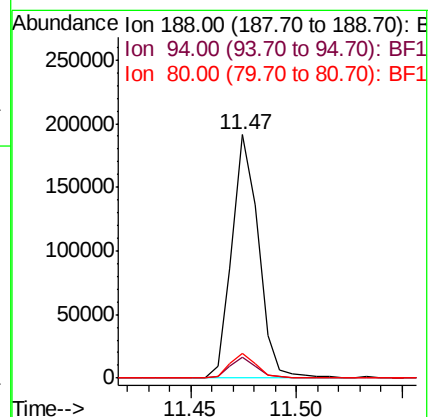
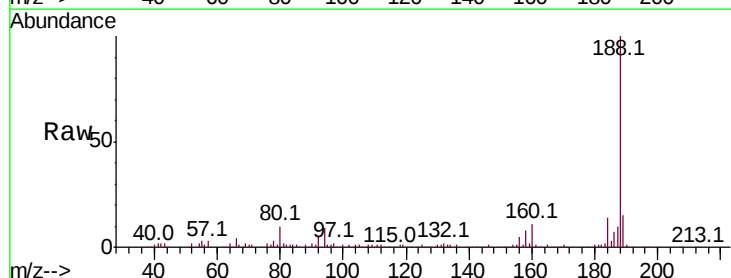
Tgt Ion:188 Resp: 166282

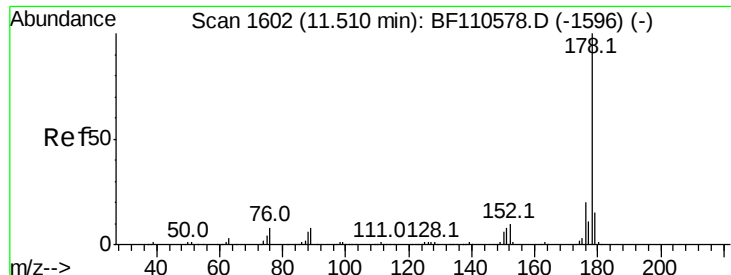
Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 10.0 7.9 11.9

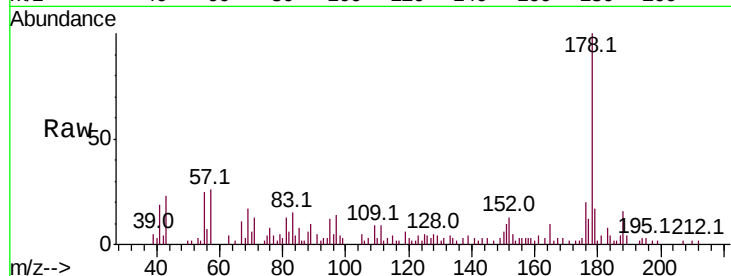




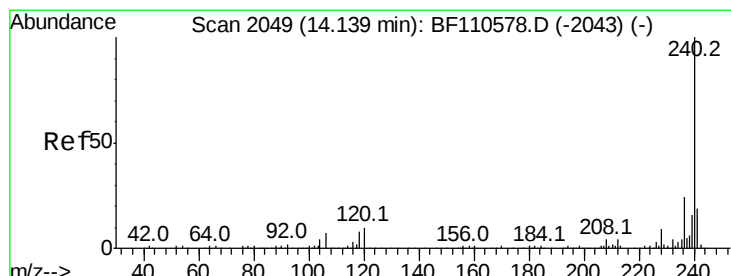
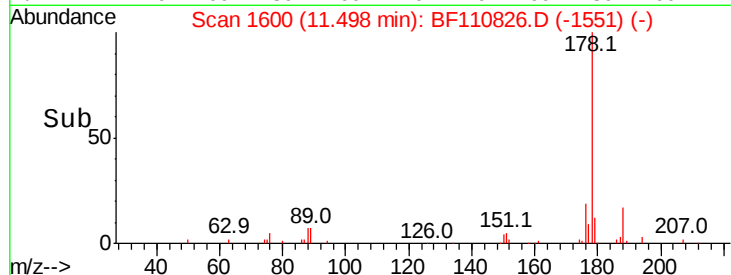
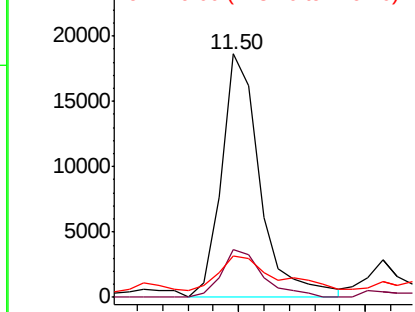
#71
Phenanthrene
Concen: 2.206 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110826.D
Acq: 16 Nov 2018 19:34

Instrument :
BNA_F
ClientSampleId :
FDSB-04(10-12)

Tot Ion:178 Resp: 19648
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.8 12.5 18.7

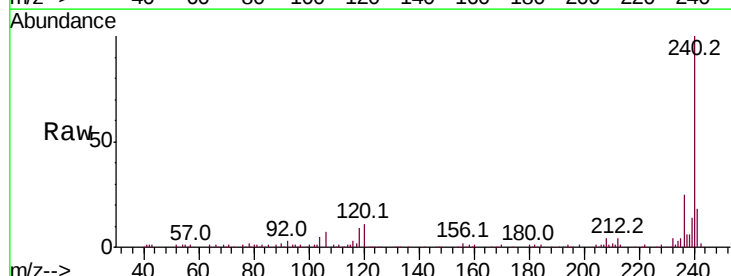


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

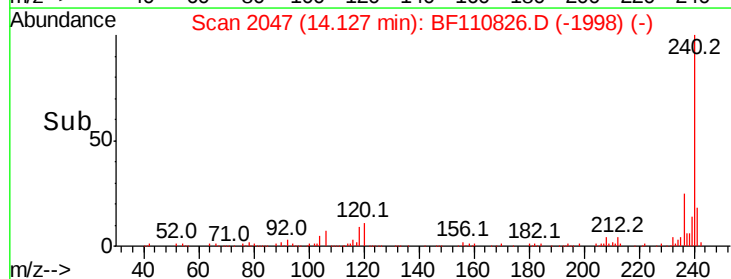
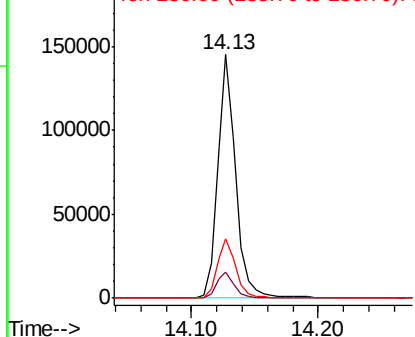


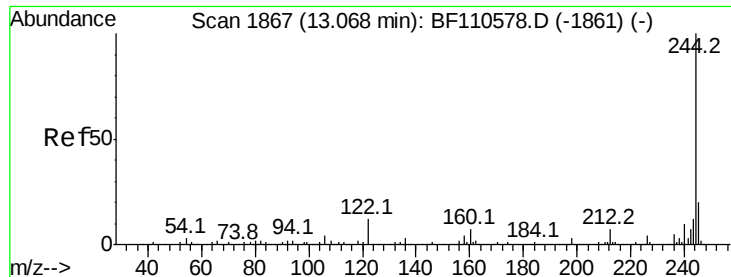
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110826.D
Acq: 16 Nov 2018 19:34

Tgt Ion:240 Resp: 144018
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 24.5 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





#79

Terphenyl-d14

Concen: 5.162 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110826.D

Acq: 16 Nov 2018 19:34

Instrument :

BNA_F

ClientSampleId :

FDSB-04(10-12)

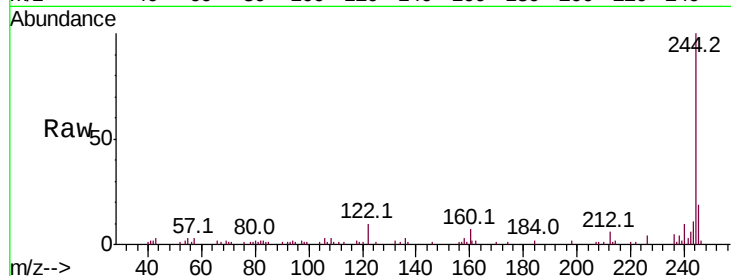
Tot Ion:244 Resp: 39695

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

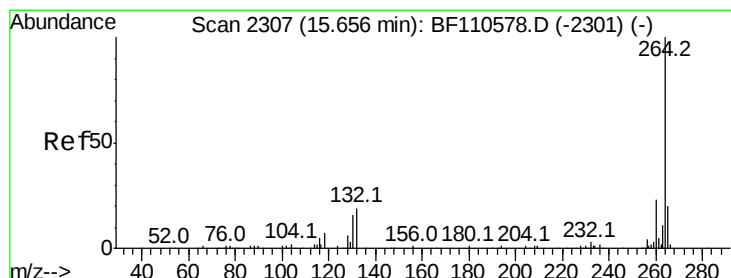
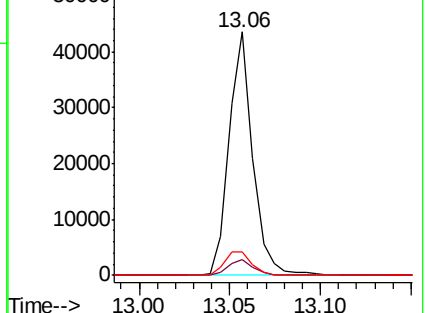
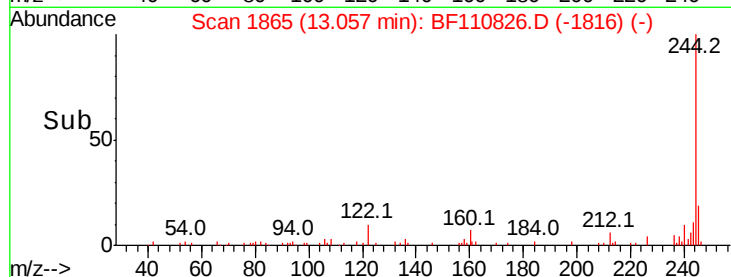
122 9.9 8.7 13.1



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: BF110826.D

Acq: 16 Nov 2018 19:34

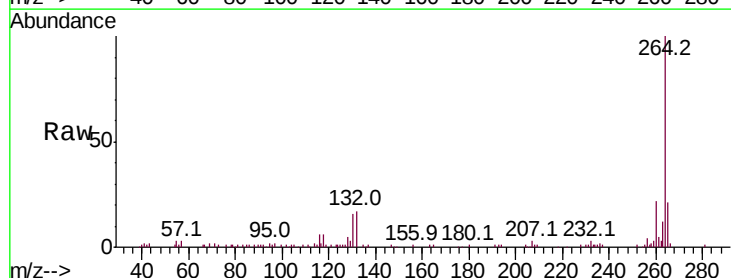
Tgt Ion:264 Resp: 107650

Ion Ratio Lower Upper

264 100

260 22.0 18.7 28.1

265 20.7 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

