

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110773.D
 Acq On : 14 Nov 2018 19:17
 Operator : JU/SJ
 Sample : J5911-05 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-07(10-12)

Quant Time: Nov 15 05:45:00 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

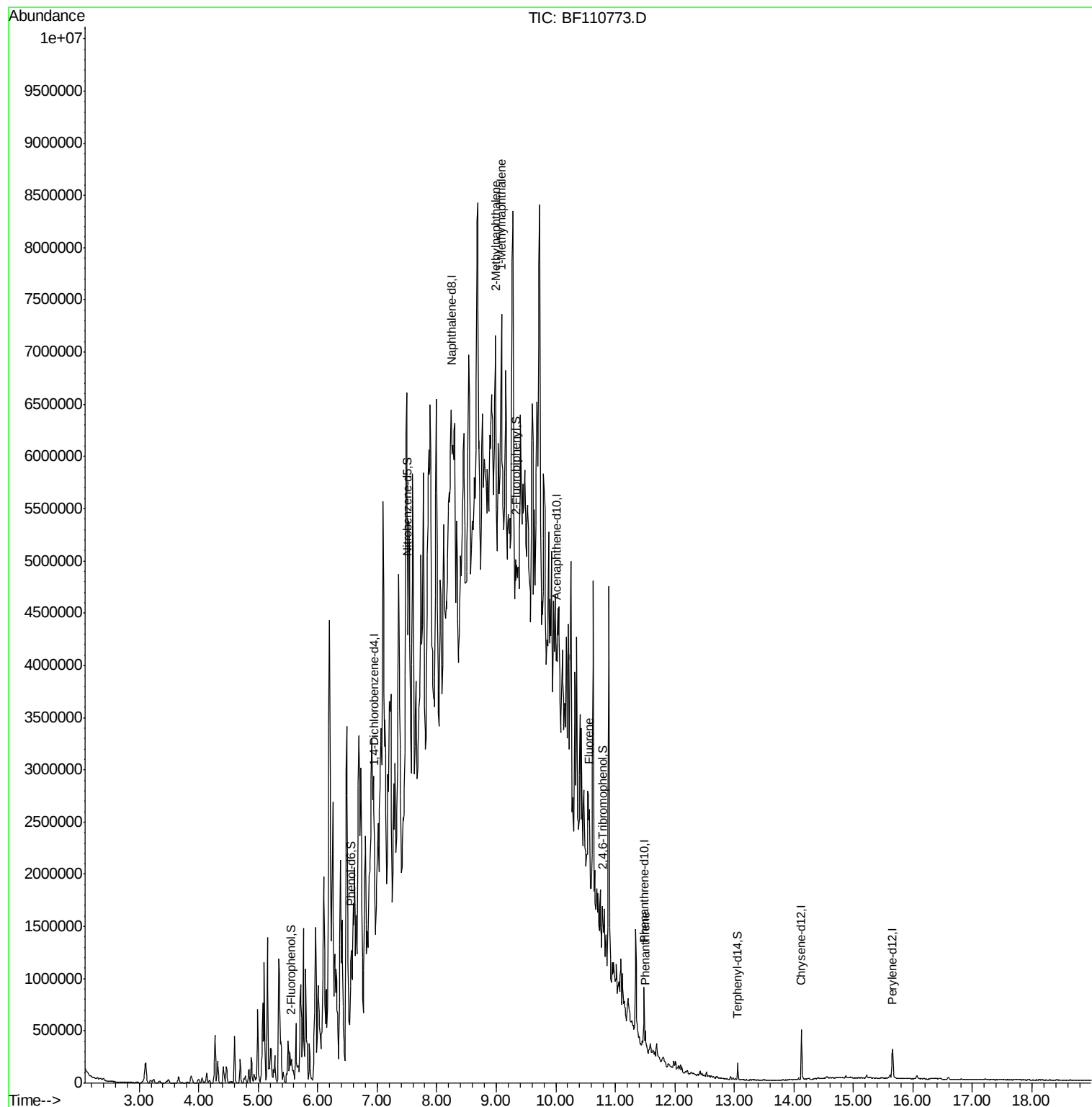
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	60084	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	184084	20.00	ng	0.02
39) Acenaphthene-d10	10.02	164	104680	20.00	ng	0.02
64) Phenanthrene-d10	11.49	188	216518	20.00	ng	0.00
76) Chrysene-d12	14.13	240	161655	20.00	ng	-0.01
87) Perylene-d12	15.66	264	147626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	32260	8.72	ng	0.00
7) Phenol-d6	6.57	99	62922	13.30	ng	0.00
23) Nitrobenzene-d5	7.52	82	89001	27.84	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	8257	7.83	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	46663	6.37	ng	0.02
79) Terphenyl-d14	13.06	244	48548	5.62	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.99	142	1816833	320.707	ng	Qvalue 97
38) 1-Methylnaphthalene	9.08	142	1104296	202.691	ng	# 99
58) Fluorene	10.56	166	97635	13.569	ng	# 68
71) Phenanthrene	11.51	178	64923	5.597	ng	# 96

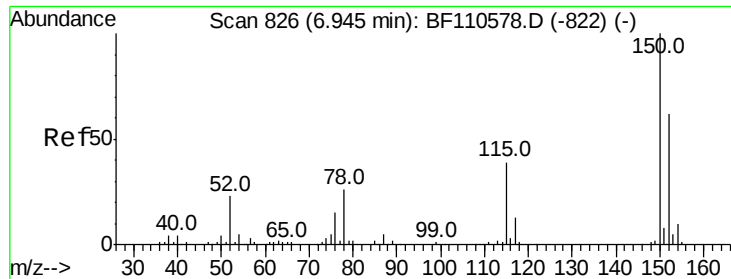
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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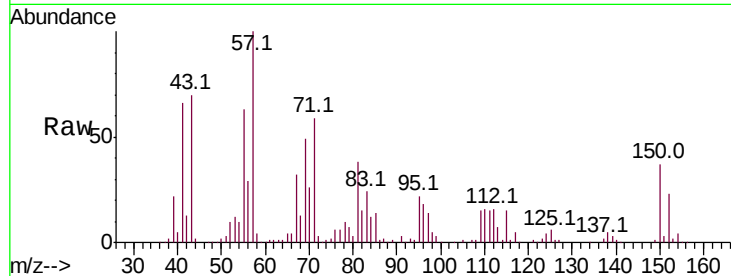


#1

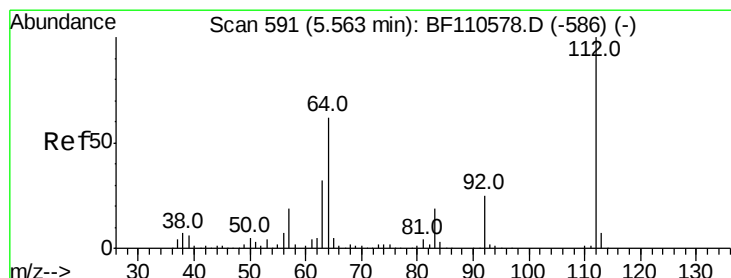
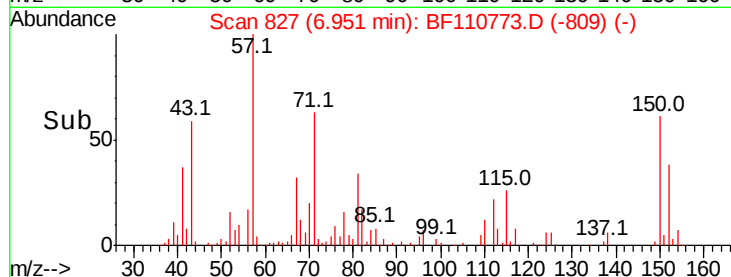
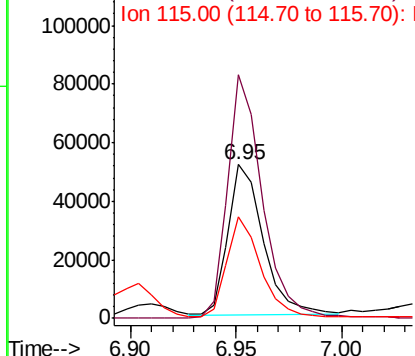
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF110773.D
Acq: 14 Nov 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FDSB-07(10-12)

Tot Ion:152 Resp: 60084
Ion Ratio Lower Upper
152 100
150 158.4 122.7 184.1
115 65.9 49.1 73.7



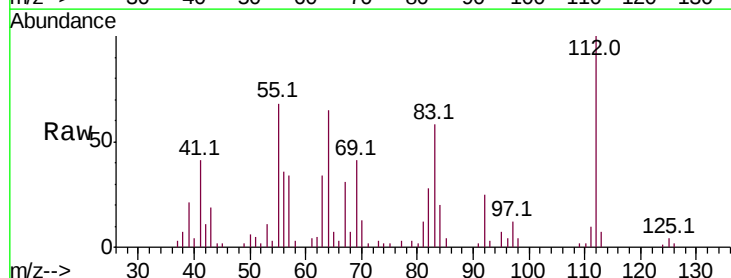
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



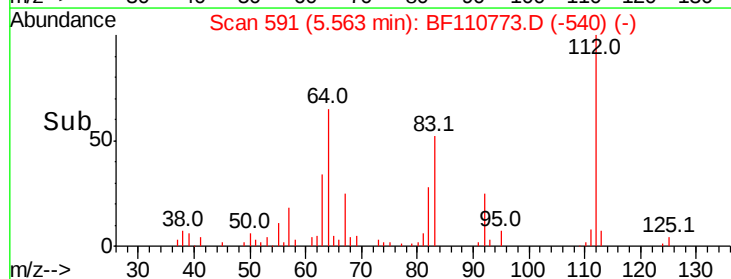
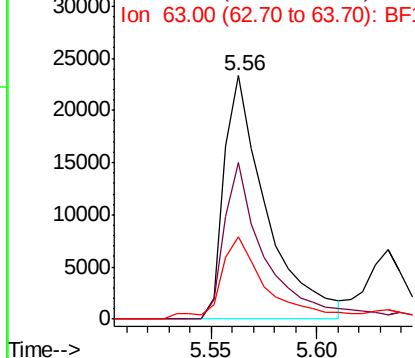
#5

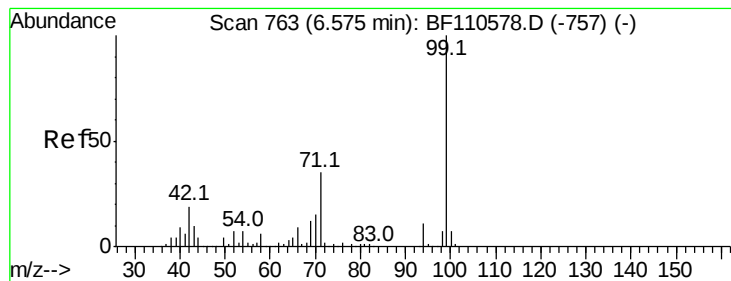
2-Fluorophenol
Concen: 8.721 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110773.D
Acq: 14 Nov 2018 19:17

Tgt Ion:112 Resp: 32260
Ion Ratio Lower Upper
112 100
64 64.5 44.1 66.1
63 33.7 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: 13.302 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110773.D

Acq: 14 Nov 2018 19:17

Instrument :

BNA_F

ClientSampleId :

FDSB-07(10-12)

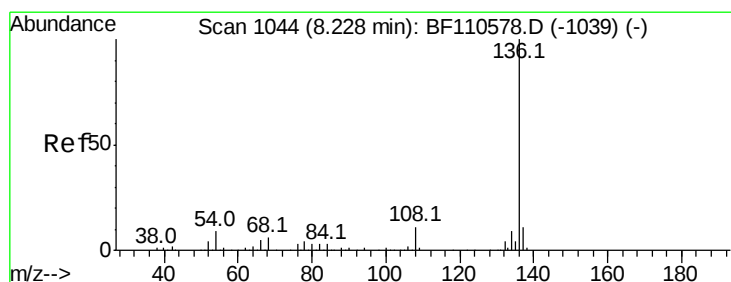
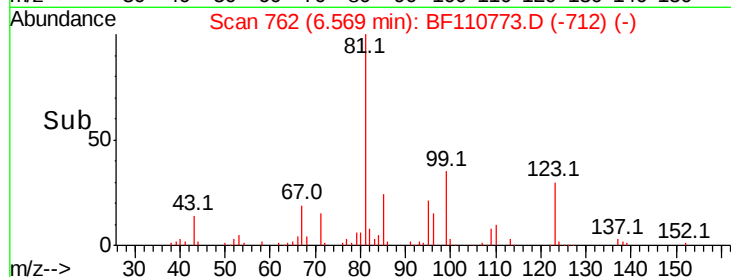
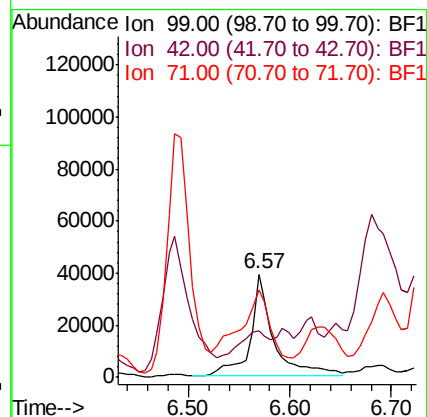
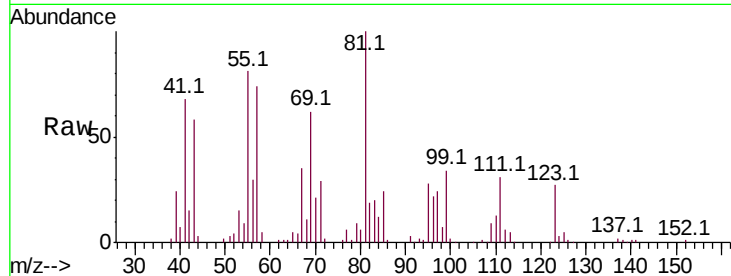
Tot Ion: 99 Resp: 62922

Ion Ratio Lower Upper

99 100

42 45.5 15.8 23.6#

71 85.1 28.0 42.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.02 min

Lab File: BF110773.D

Acq: 14 Nov 2018 19:17

Tgt Ion: 136 Resp: 184084

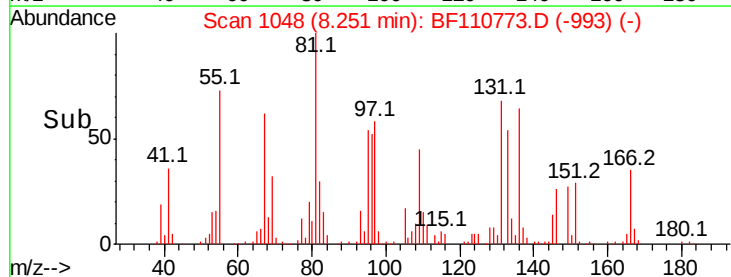
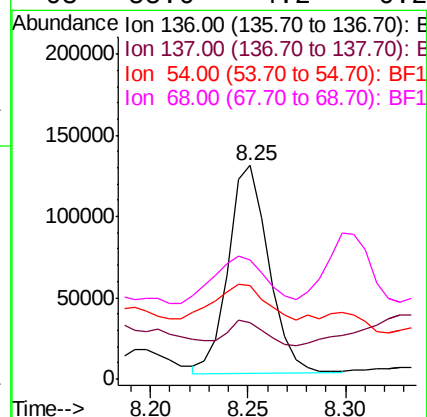
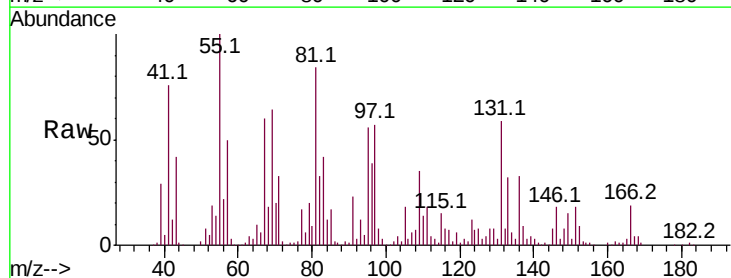
Ion Ratio Lower Upper

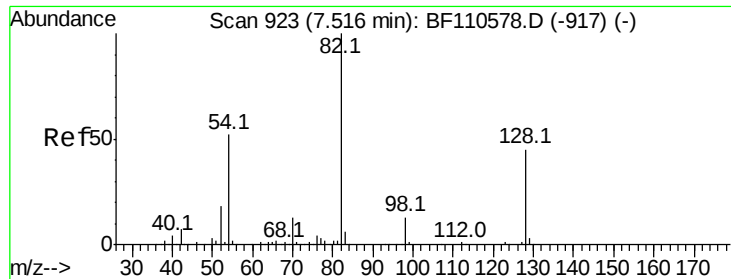
136 100

137 26.6 8.8 13.2#

54 43.6 5.4 8.2#

68 55.6 4.2 6.2#

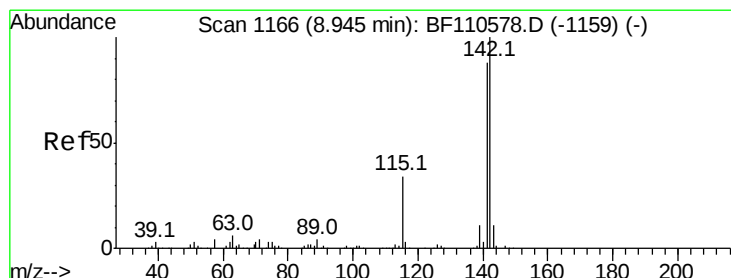
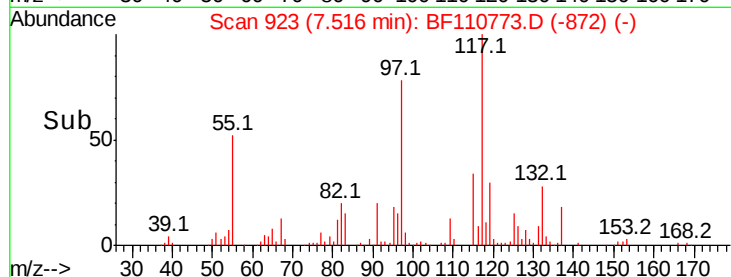
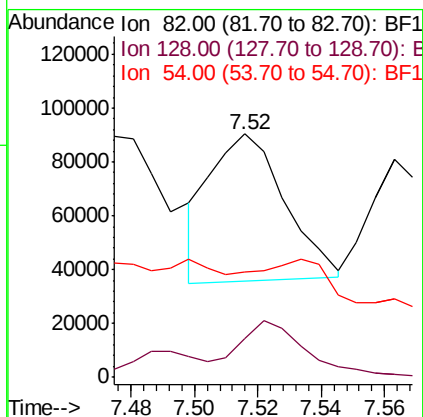
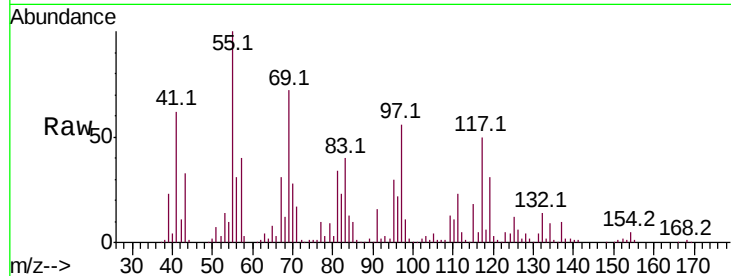




#23
Nitrobenzene-d5
Concen: 27.843 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110773.D
Acq: 14 Nov 2018 19:17

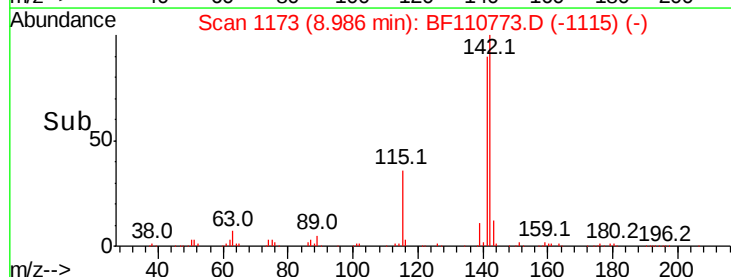
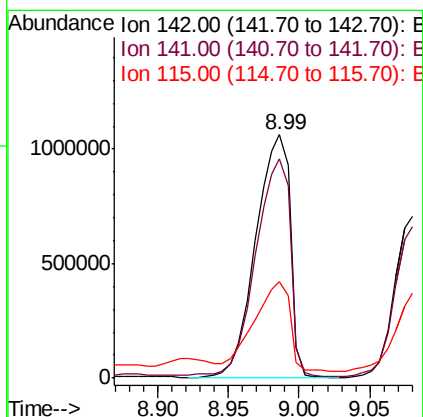
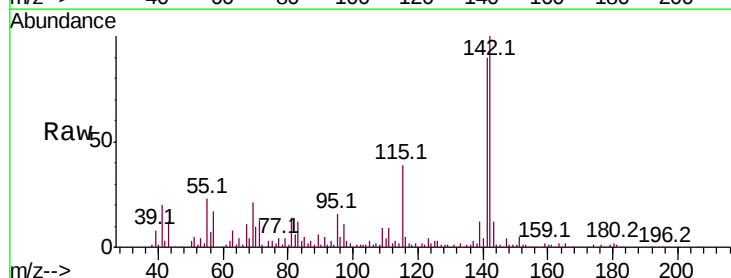
Instrument :
BNA_F
ClientSampleId :
FDSB-07(10-12)

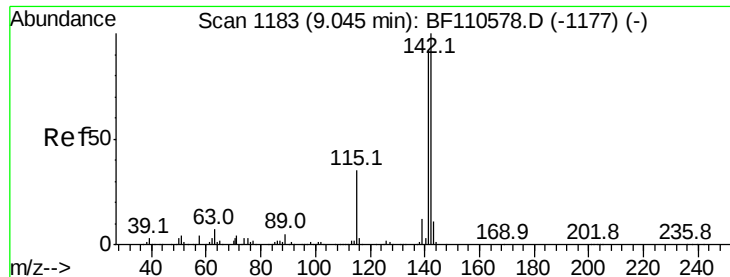
Tot Ion: 82 Resp: 89001
Ion Ratio Lower Upper
82 100
128 15.8 34.2 51.2#
54 43.5 38.6 58.0



#37
2-Methylnaphthalene
Concen: 320.707 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.04 min
Lab File: BF110773.D
Acq: 14 Nov 2018 19:17

Tgt Ion:142 Resp: 1816833
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.2
115 39.5 28.7 43.1

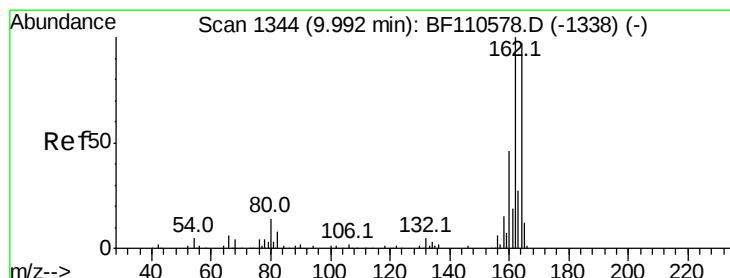
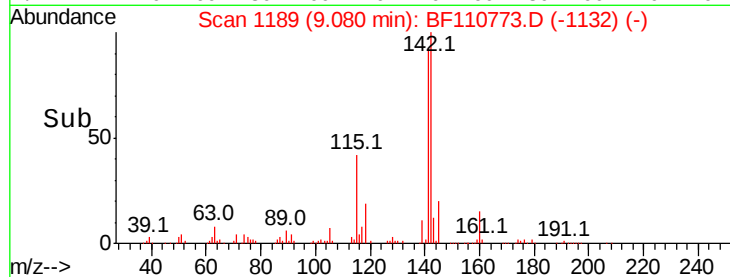
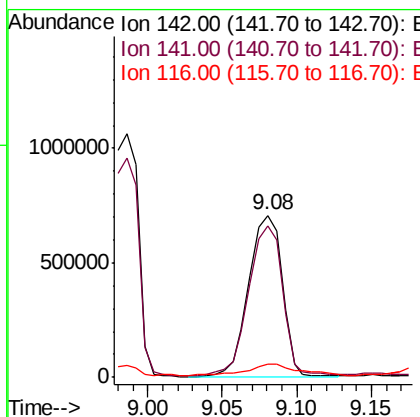
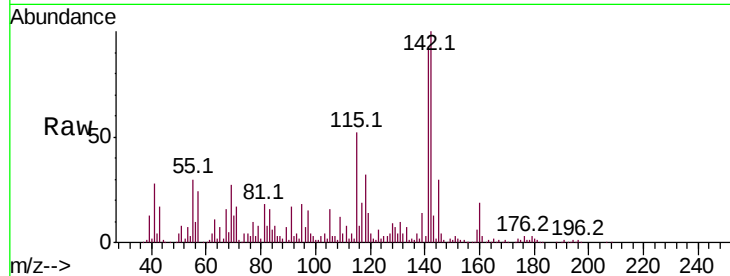




#38
 1-Methylnaphthalene
 Concen: 202.691 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.04 min
 Lab File: BF110773.D
 Acq: 14 Nov 2018 19:17

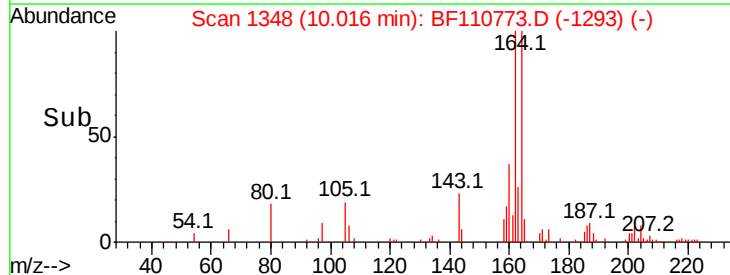
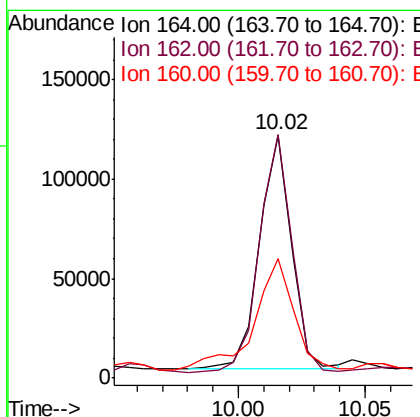
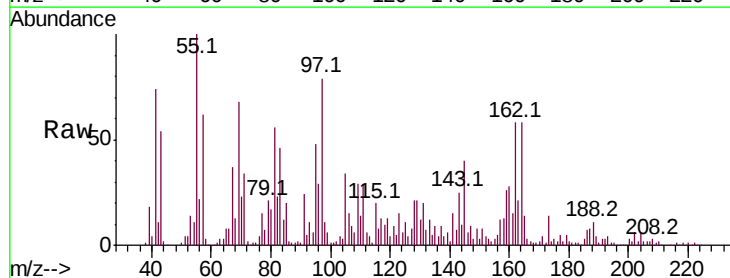
Instrument :
 BNA_F
 ClientSampleId :
 FDSB-07(10-12)

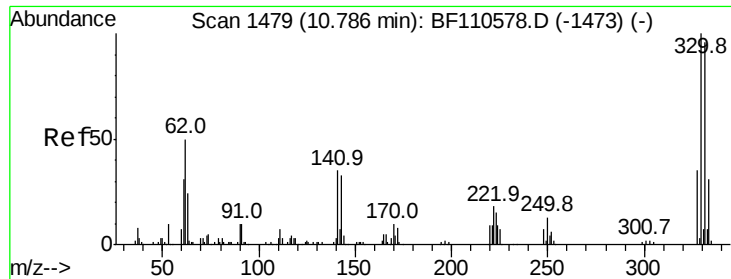
Tot Ion:142 Resp: 1104296
 Ion Ratio Lower Upper
 142 100
 141 93.3 74.2 111.4
 116 8.0 2.6 4.0#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.02 min
 Lab File: BF110773.D
 Acq: 14 Nov 2018 19:17

Tgt Ion:164 Resp: 104680
 Ion Ratio Lower Upper
 164 100
 162 100.4 83.0 124.6
 160 49.3 37.0 55.6

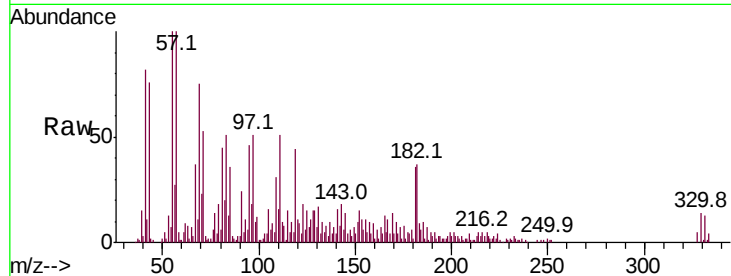




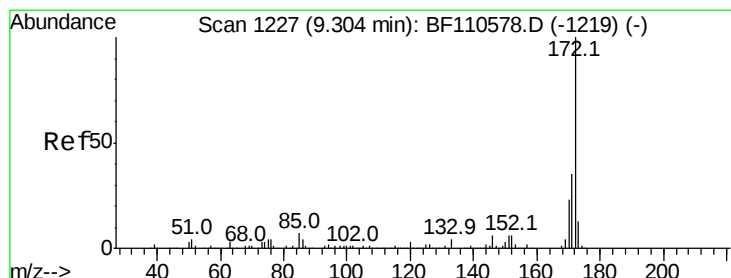
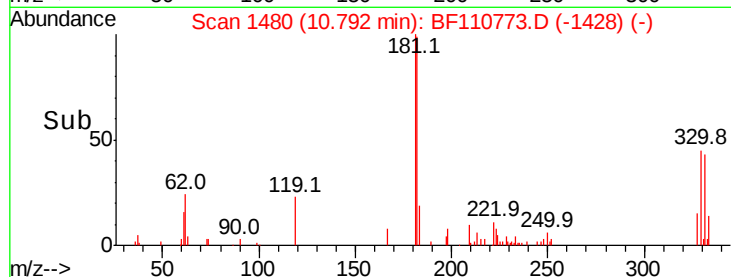
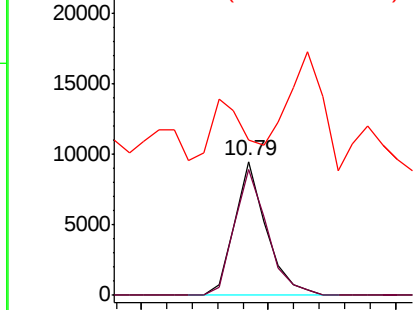
#42
 2,4,6-Tribromophenol
 Concen: 7.828 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: BF110773.D
 Acq: 14 Nov 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-07(10-12)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	50.6	27.0	40.4

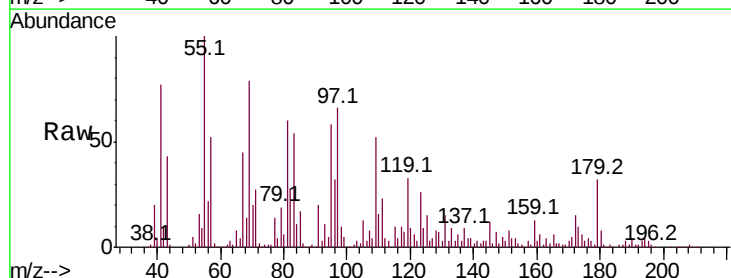


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

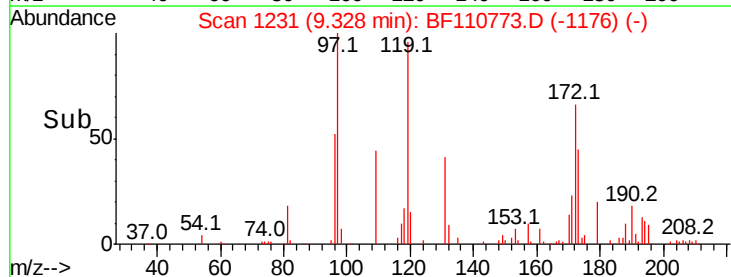
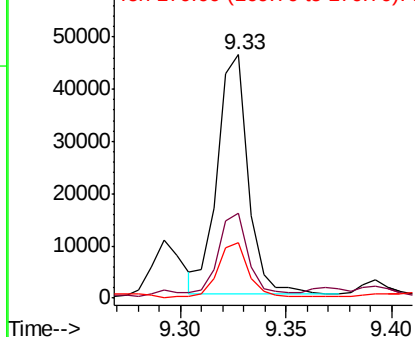


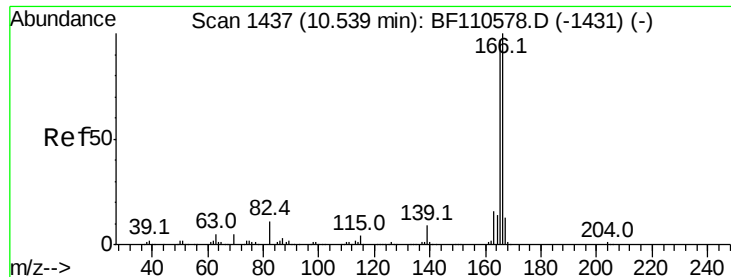
#45
 2-Fluorobiphenyl
 Concen: 6.366 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.02 min
 Lab File: BF110773.D
 Acq: 14 Nov 2018 19:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	22.5	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: 13.569 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.02 min

Lab File: BF110773.D

Acq: 14 Nov 2018 19:17

Instrument :

BNA_F

ClientSampleId :

FDSB-07(10-12)

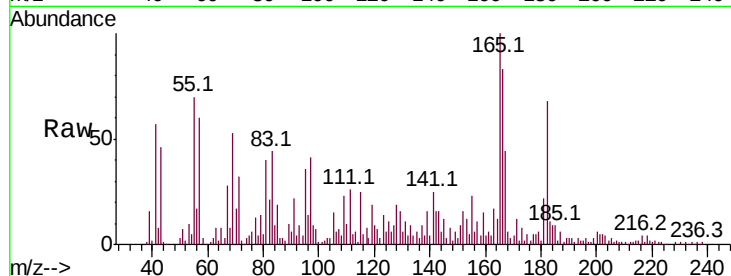
Tot Ion:166 Resp: 97635

Ion Ratio Lower Upper

166 100

165 120.7 78.6 117.8#

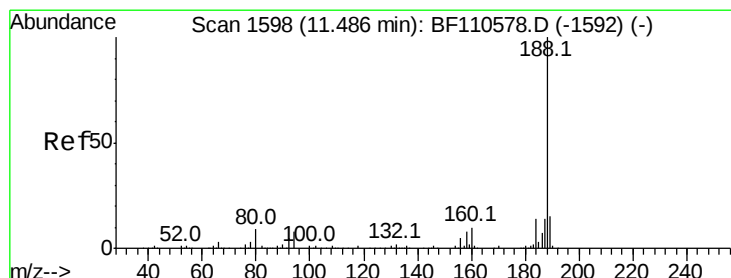
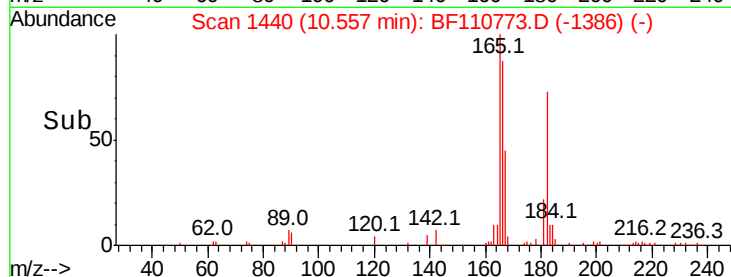
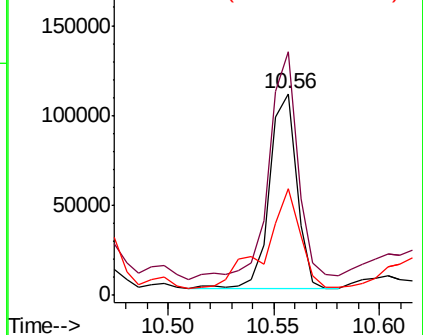
167 53.1 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF110773.D

Acq: 14 Nov 2018 19:17

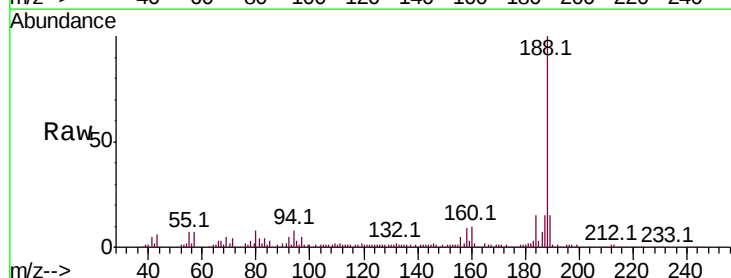
Tgt Ion:188 Resp: 216518

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

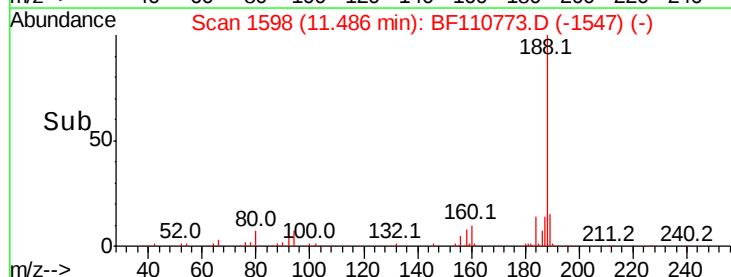
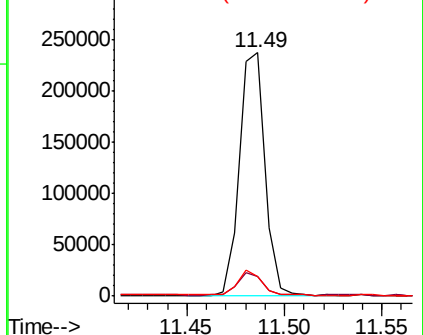
80 8.2 7.9 11.9

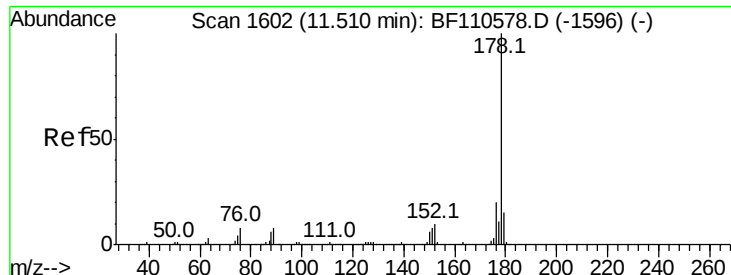


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

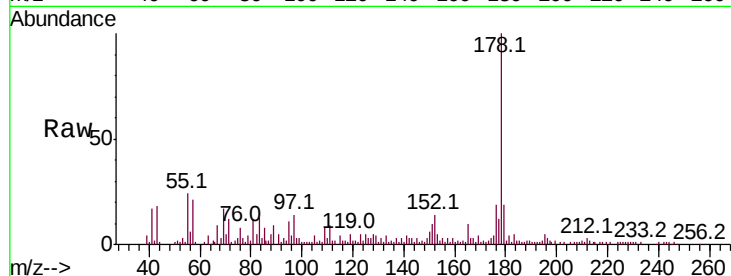




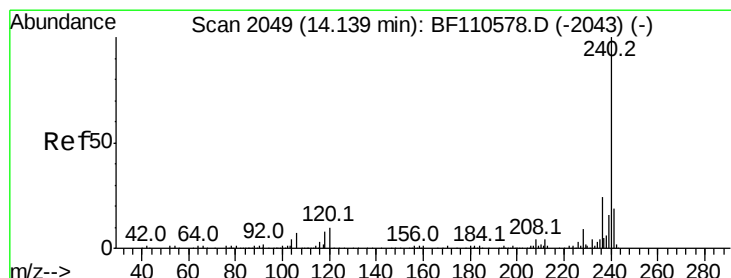
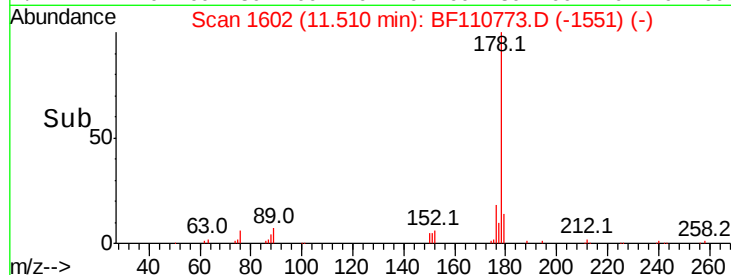
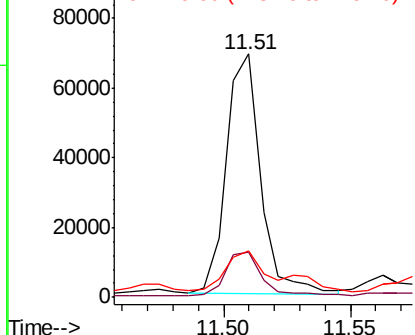
#71
Phenanthrene
Concen: 5.597 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110773.D
Acq: 14 Nov 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FDSB-07(10-12)

Tot Ion:178 Resp: 64923
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 19.1 12.5 18.7#

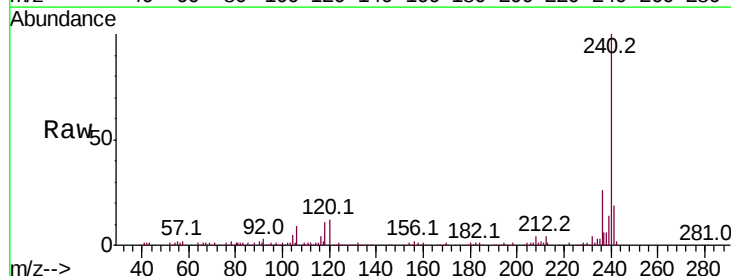


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

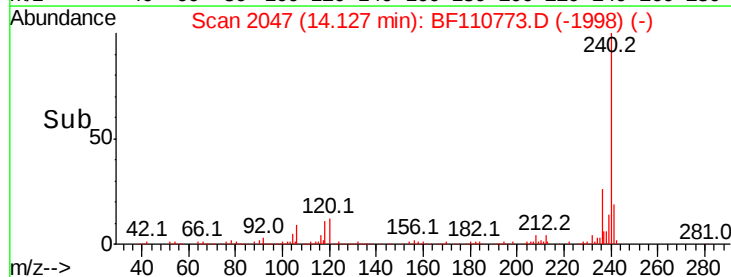
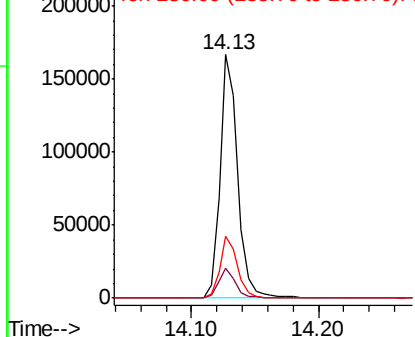


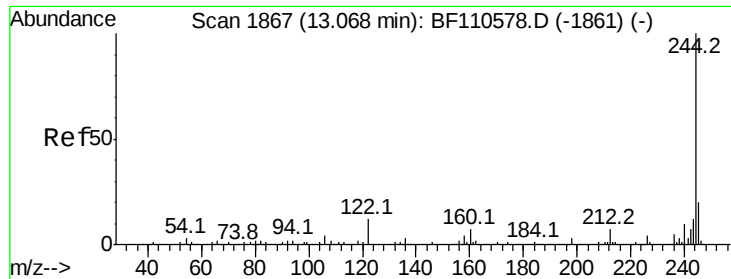
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110773.D
Acq: 14 Nov 2018 19:17

Tgt Ion:240 Resp: 161655
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 25.6 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: 5.624 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110773.D

Acq: 14 Nov 2018 19:17

Instrument :

BNA_F

ClientSampleId :

FDSB-07(10-12)

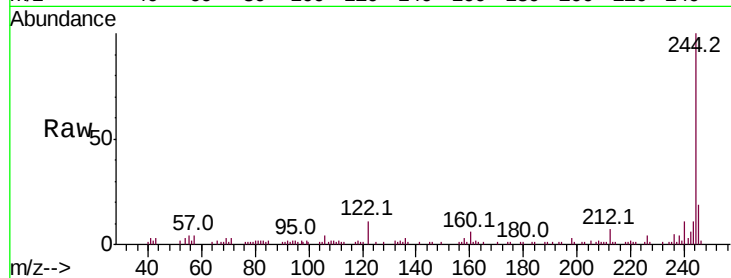
Tot Ion:244 Resp: 48548

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

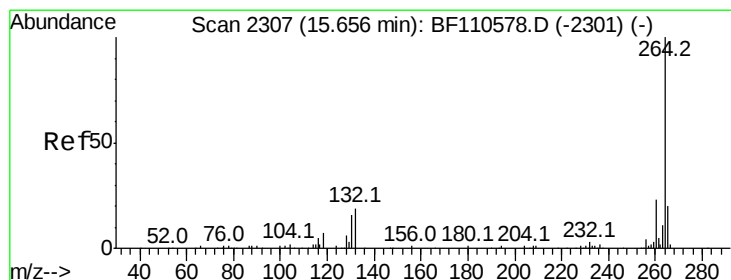
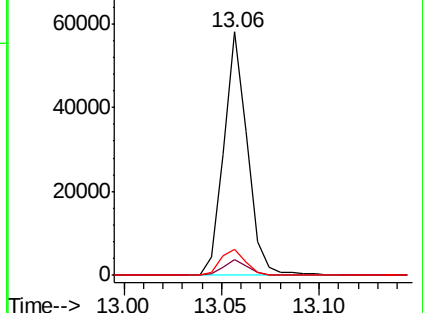
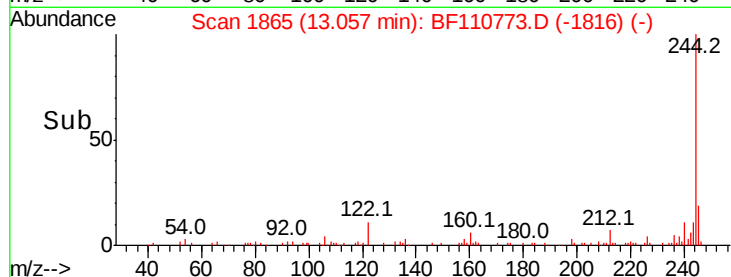
122 10.9 8.7 13.1



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

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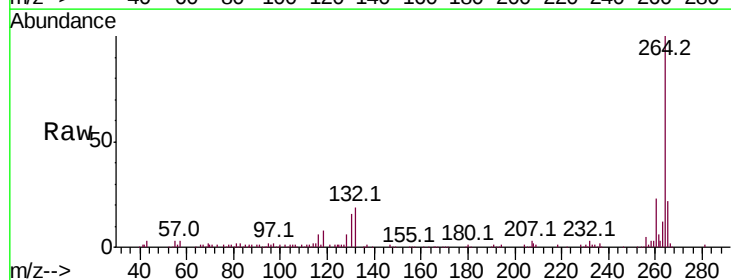
Tgt Ion:264 Resp: 147626

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.9 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

