

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
 Data File : BF110793.D
 Acq On : 15 Nov 2018 17:28
 Operator : JU/SJ
 Sample : J5955-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Quant Time: Nov 16 06:53:58 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

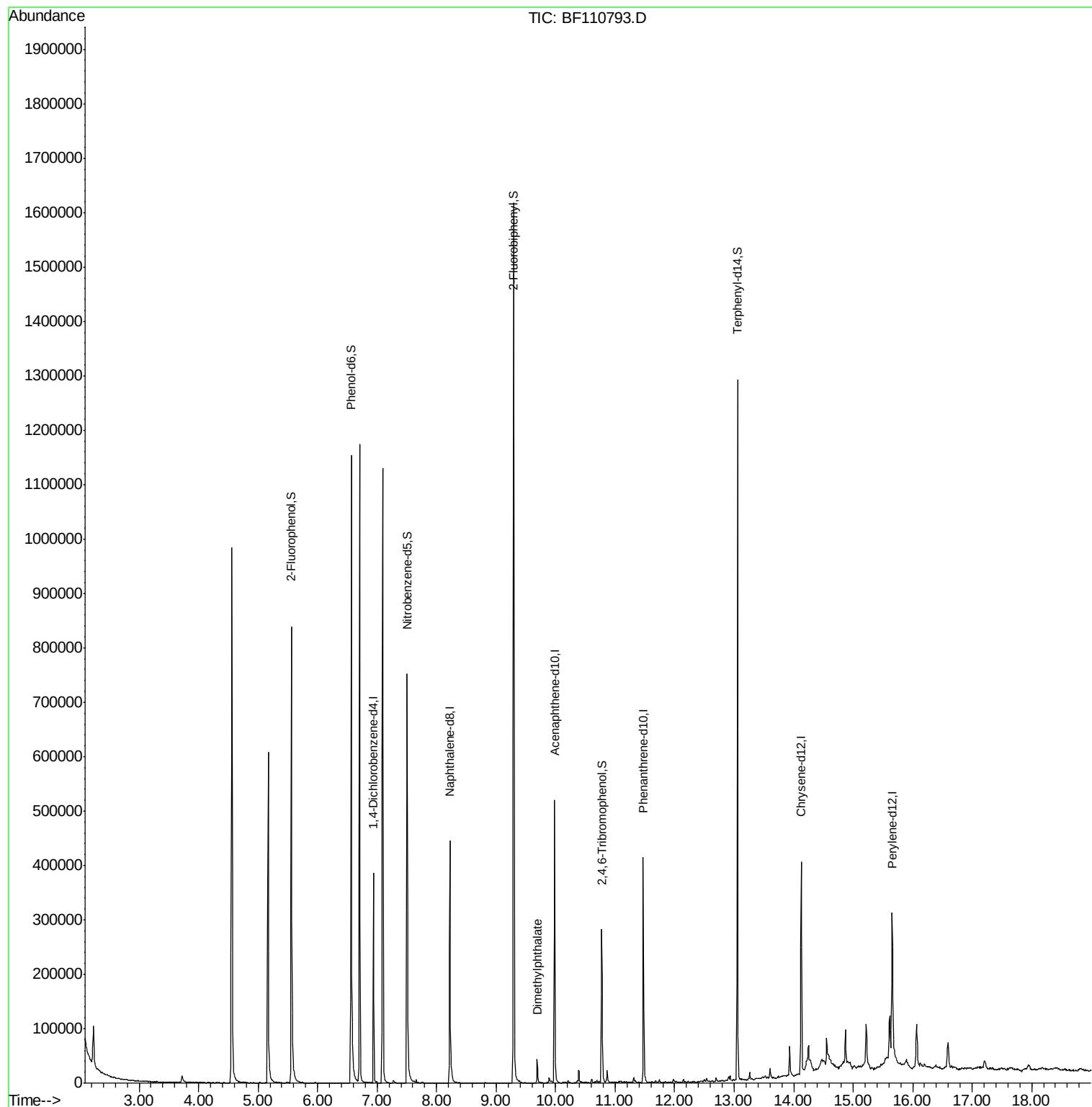
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57788	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	233718	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	105731	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	175779	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	133134	20.00	ng	-0.01
87) Perylene-d12	15.66	264	126926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	272626	76.63	ng	0.00
7) Phenol-d6	6.56	99	400582	88.05	ng	-0.01
23) Nitrobenzene-d5	7.50	82	266923	65.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	36295	34.07	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	511641	69.11	ng	-0.01
79) Terphenyl-d14	13.06	244	389077	54.73	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.69	163	22658	2.872	ng	Qvalue 99

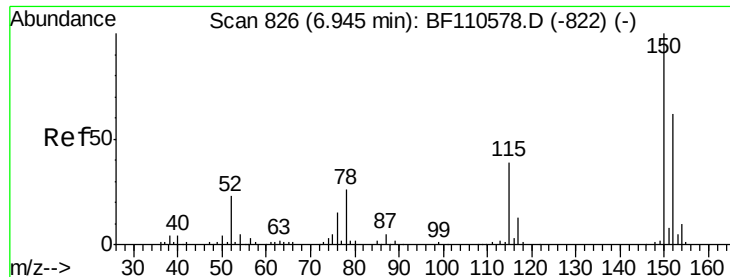
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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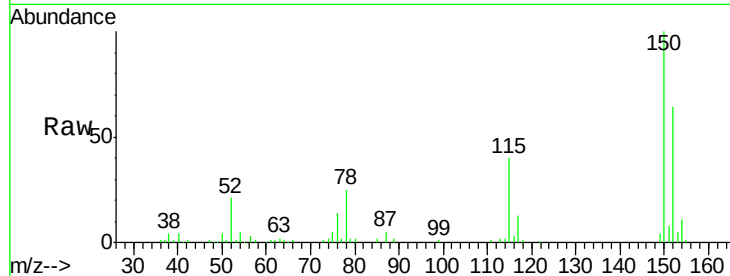




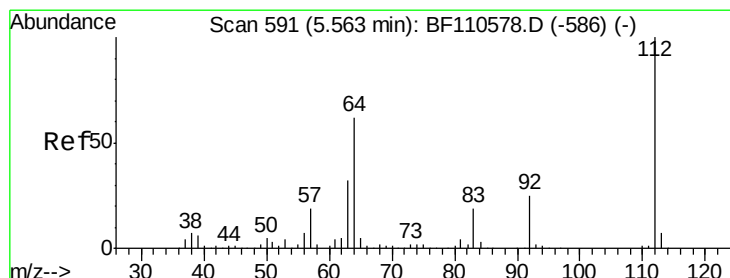
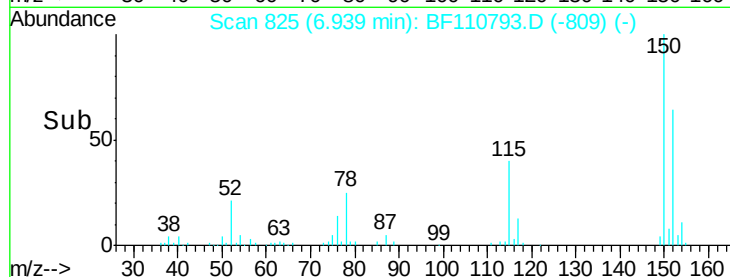
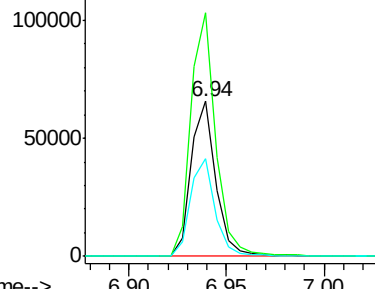
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110793.D
 Acq: 15 Nov 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Tgt Ion:152 Resp: 57788
 Ion Ratio Lower Upper
 152 100
 150 157.0 122.7 184.1
 115 62.9 49.1 73.7

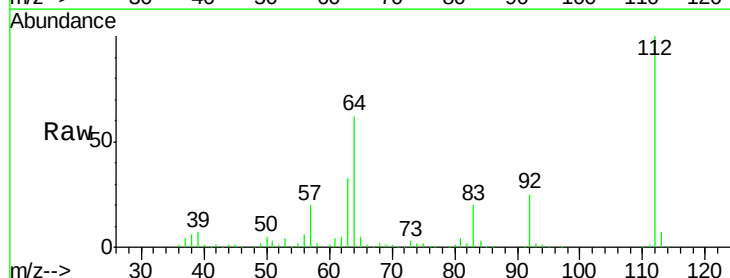


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

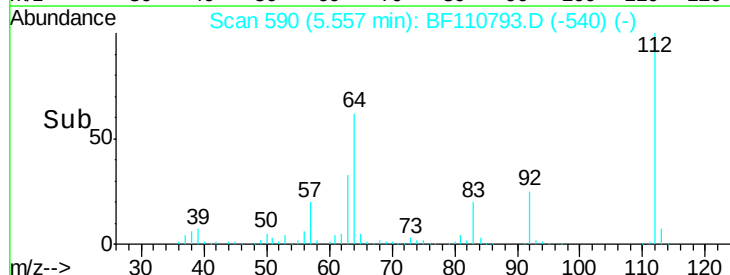
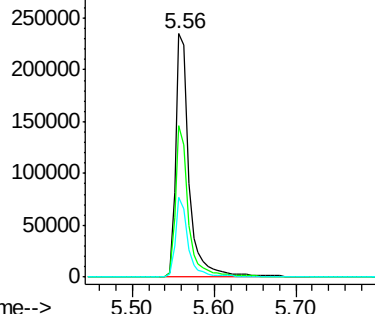


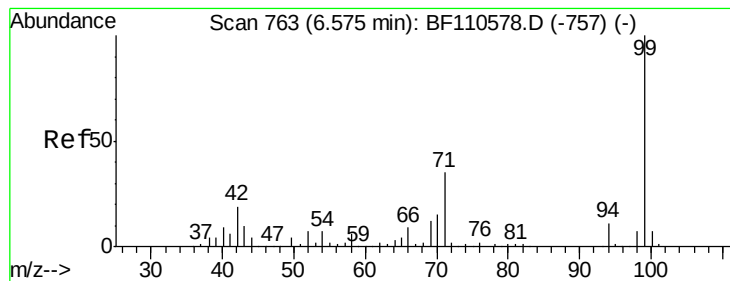
#5
 2-Fluorophenol
 Concen: 76.630 ng
 RT: 5.56 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF110793.D
 Acq: 15 Nov 2018 17:28

Tgt Ion:112 Resp: 272626
 Ion Ratio Lower Upper
 112 100
 64 62.2 44.1 66.1
 63 32.8 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: 88.051 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110793.D

Acq: 15 Nov 2018 17:28

Instrument :

BNA_F

ClientSampleId :

CONCRETE

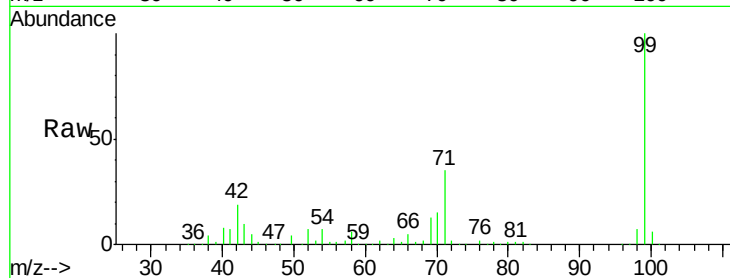
Tgt Ion: 99 Resp: 400582

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

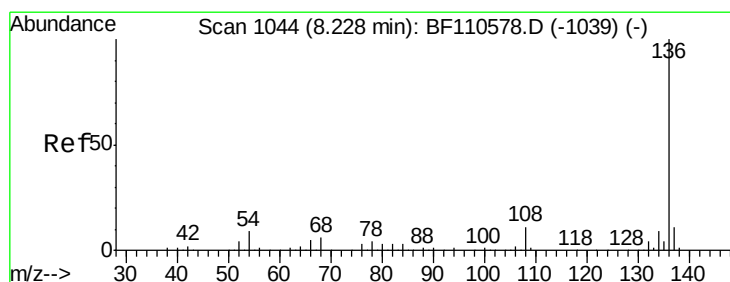
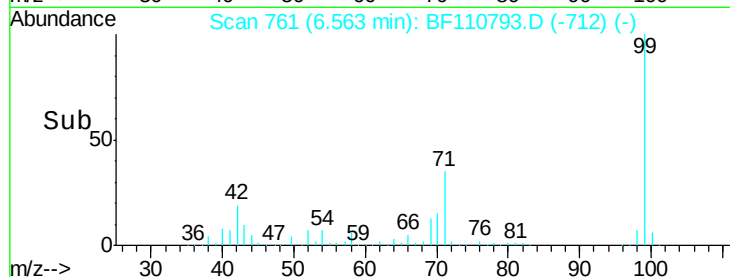
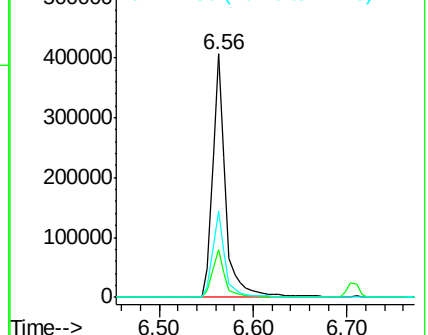
71 35.2 28.0 42.0



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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110793.D

Acq: 15 Nov 2018 17:28

Tgt Ion: 136 Resp: 233718

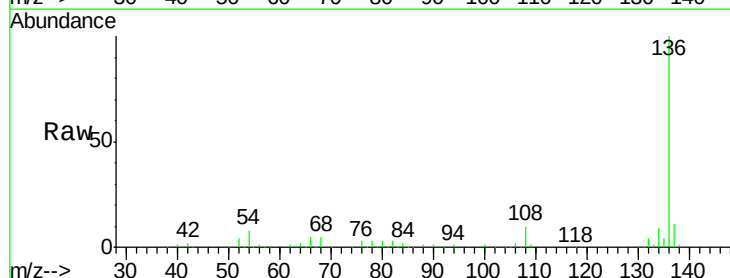
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.6 5.4 8.2

68 5.3 4.2 6.2

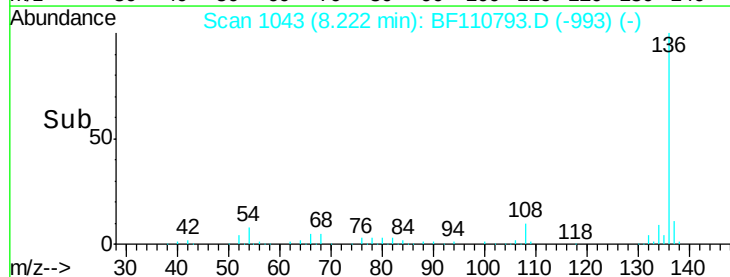
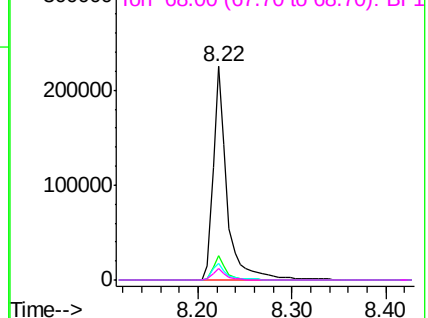


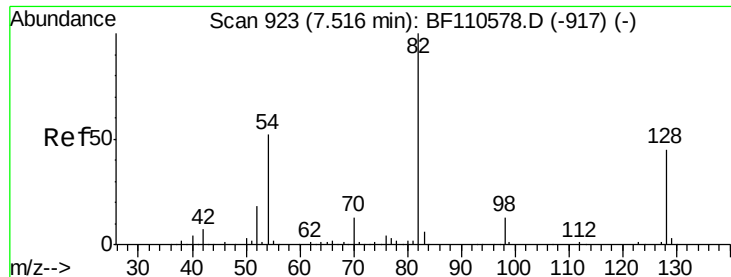
Abundance Ion 136.00 (135.70 to 136.70): E

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

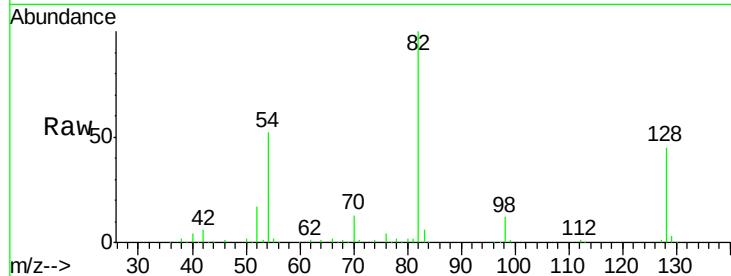




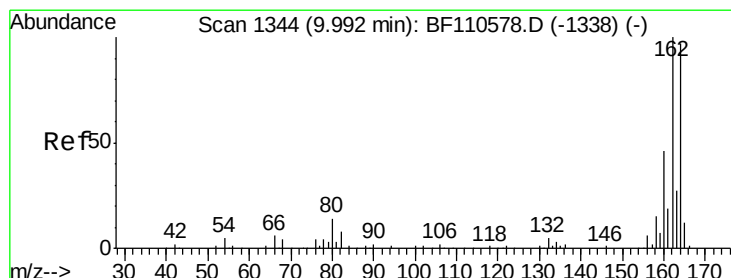
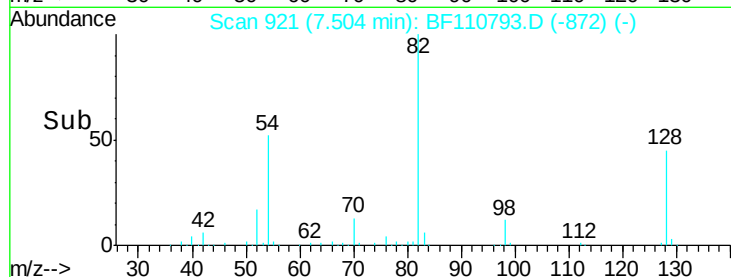
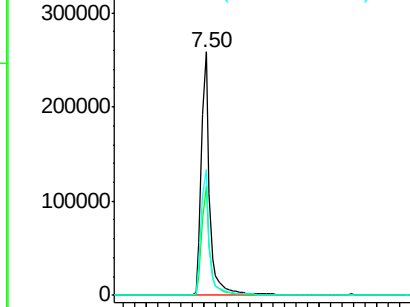
#23
 Nitrobenzene-d5
 Concen: 65.771 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110793.D
 Acq: 15 Nov 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Tgt Ion: 82 Resp: 266923
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.2 51.2
 54 51.8 38.6 58.0

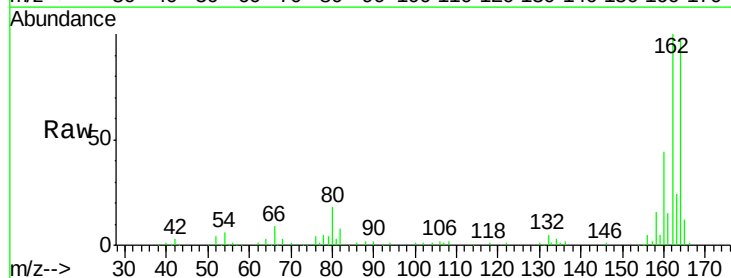


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

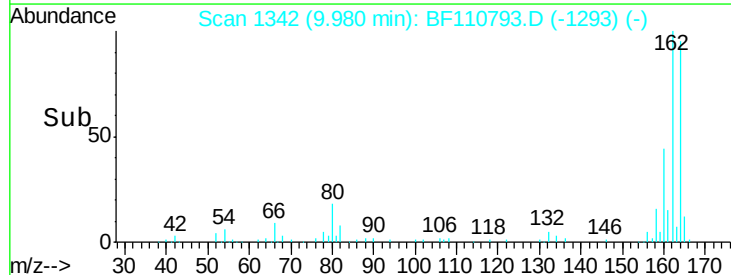
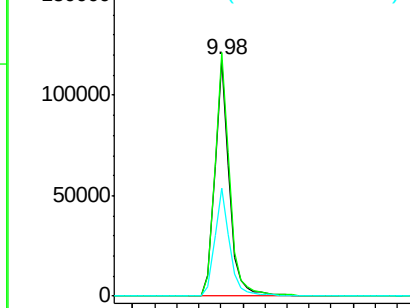


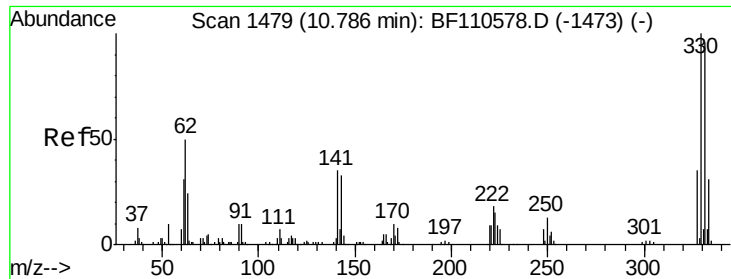
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110793.D
 Acq: 15 Nov 2018 17:28

Tgt Ion: 164 Resp: 105731
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.0 124.6
 160 45.8 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: 34.068 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110793.D

Acq: 15 Nov 2018 17:28

Instrument :

BNA_F

ClientSampleId :

CONCRETE

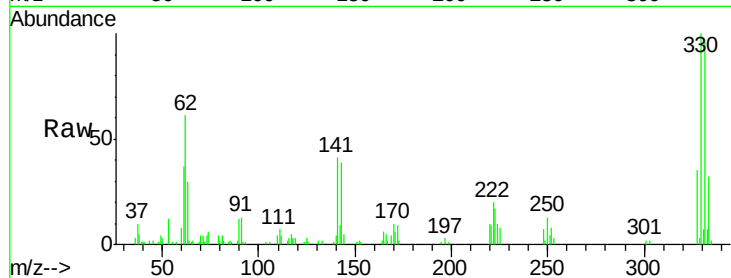
Tgt Ion:330 Resp: 36295

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

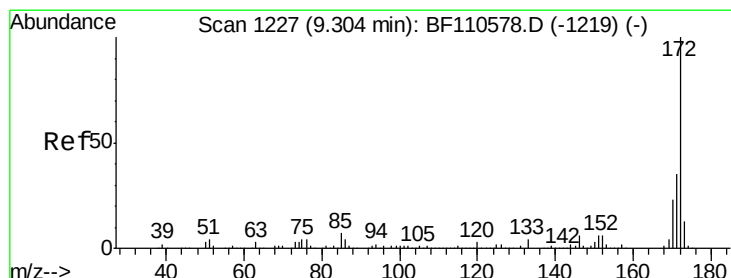
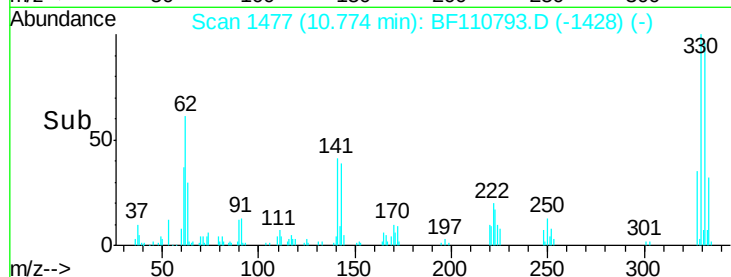
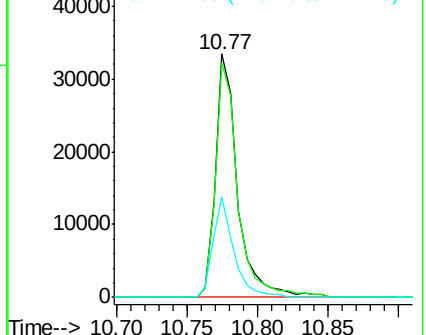
141 38.7 27.0 40.4



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: 69.111 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF110793.D

Acq: 15 Nov 2018 17:28

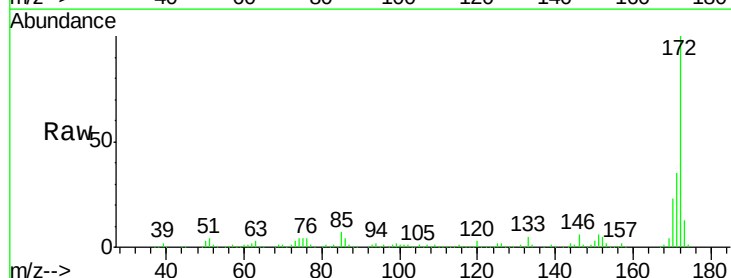
Tgt Ion:172 Resp: 511641

Ion Ratio Lower Upper

172 100

171 34.6 28.6 43.0

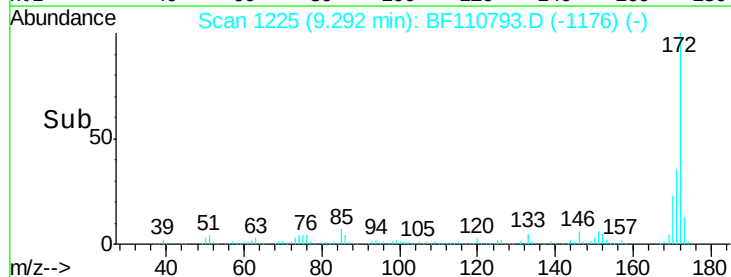
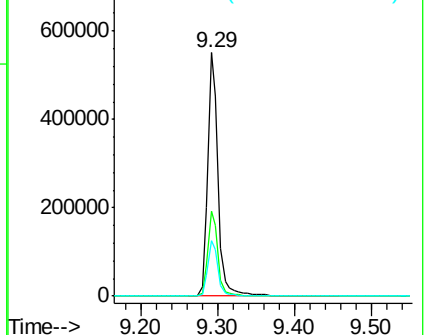
170 22.7 19.7 29.5

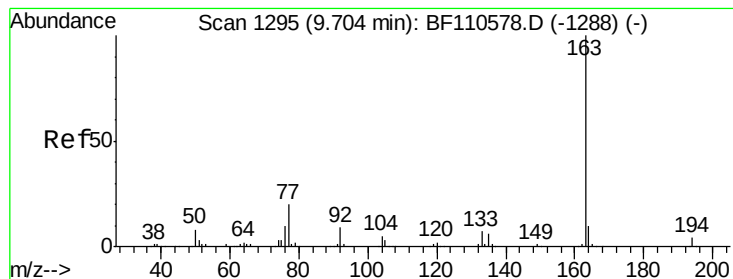


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.872 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110793.D

Acq: 15 Nov 2018 17:28

Instrument :

BNA_F

ClientSampleId :

CONCRETE

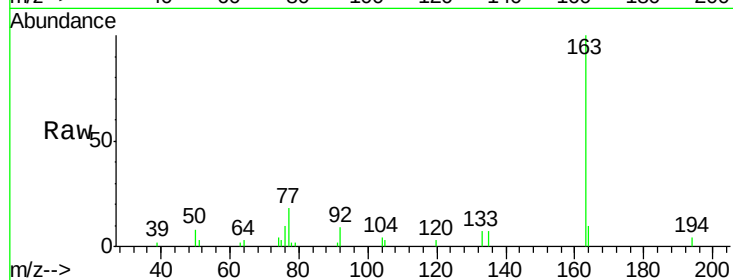
Tgt Ion:163 Resp: 22658

Ion Ratio Lower Upper

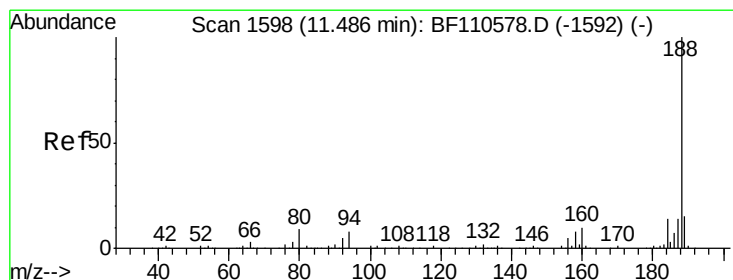
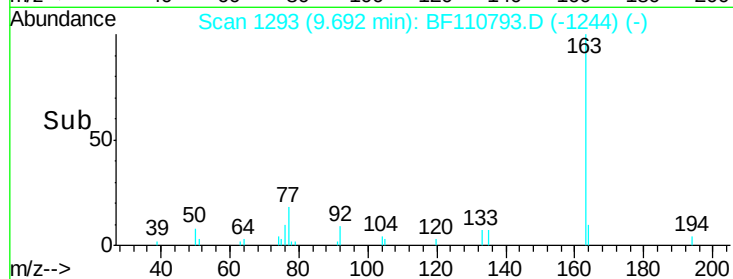
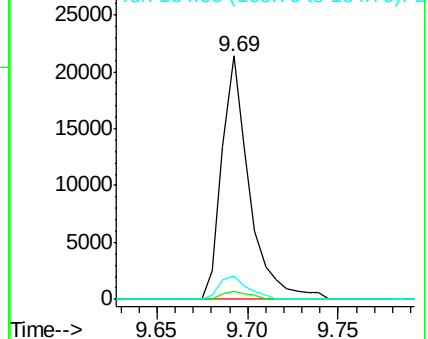
163 100

194 3.5 3.2 4.8

164 9.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF110793.D

Acq: 15 Nov 2018 17:28

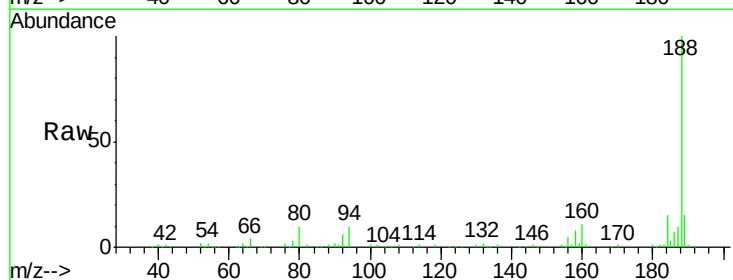
Tgt Ion:188 Resp: 175779

Ion Ratio Lower Upper

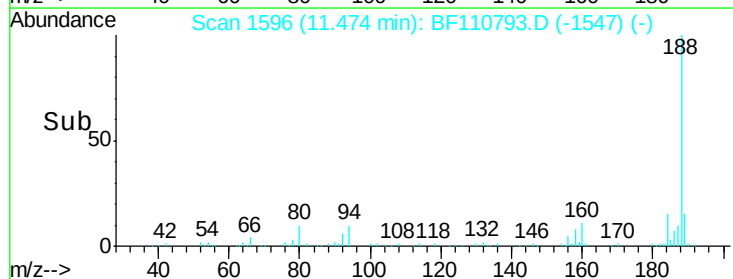
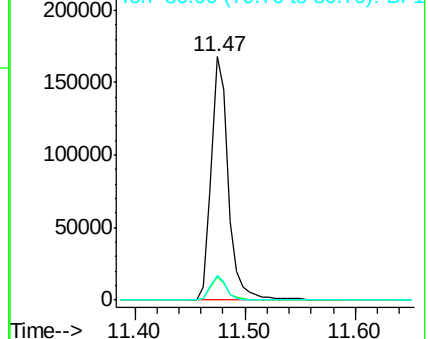
188 100

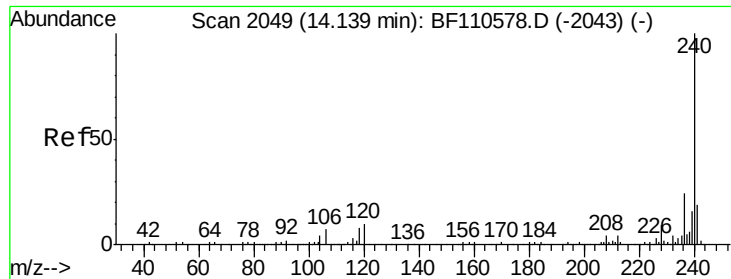
94 9.8 7.2 10.8

80 10.0 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

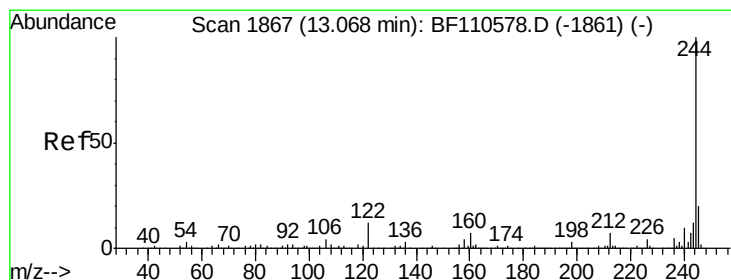
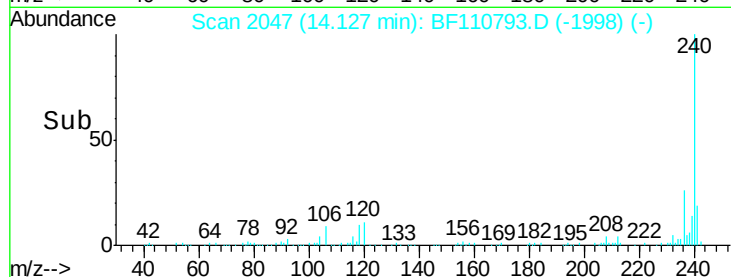
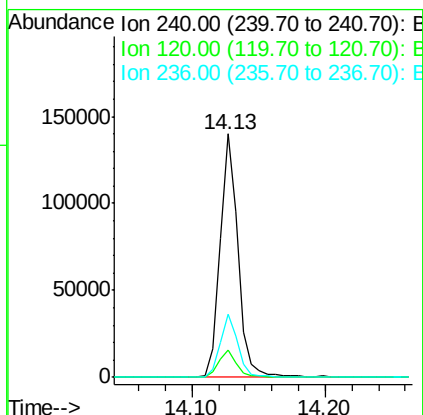
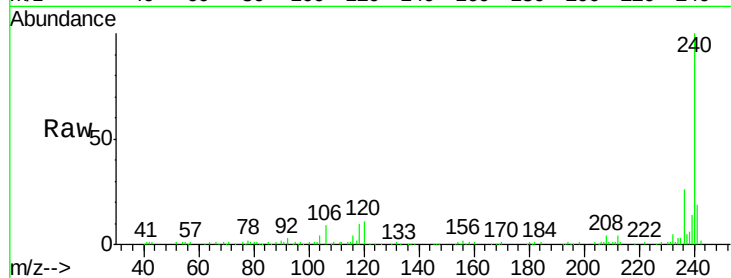




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110793.D
Acq: 15 Nov 2018 17:28

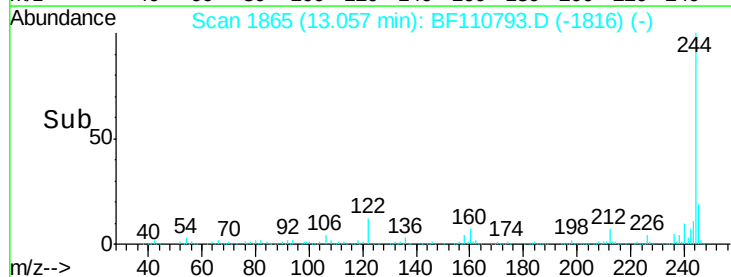
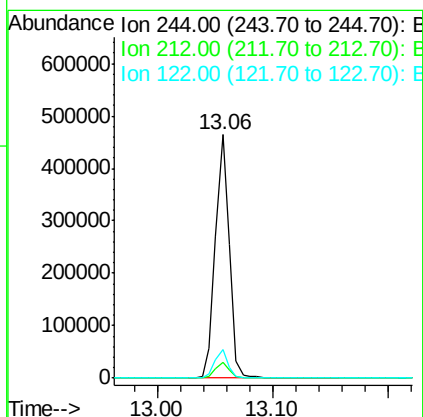
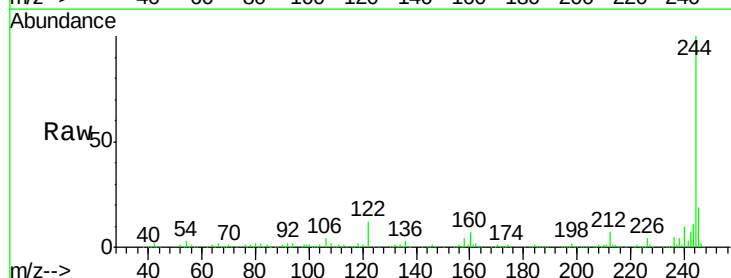
Instrument :
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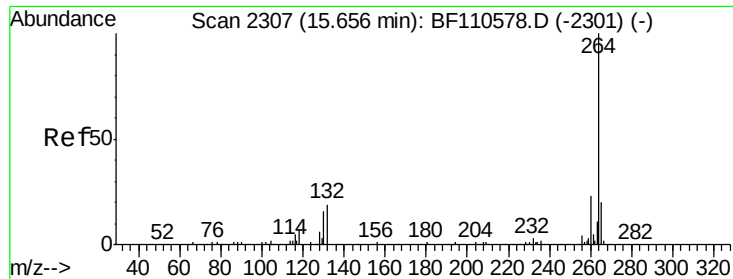
Tgt Ion:240 Resp: 133134
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.7 21.2 31.8



#79
Terphenyl-d14
Concen: 54.731 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110793.D
Acq: 15 Nov 2018 17:28

Tgt Ion:244 Resp: 389077
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 11.6 8.7 13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110793.D
Acq: 15 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.0	16.7	25.1

