

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102804.D
 Acq On : 7 Feb 2018 1:12
 Operator : SJ/JU
 Sample : J1460-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Quant Time: Feb 07 02:22:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

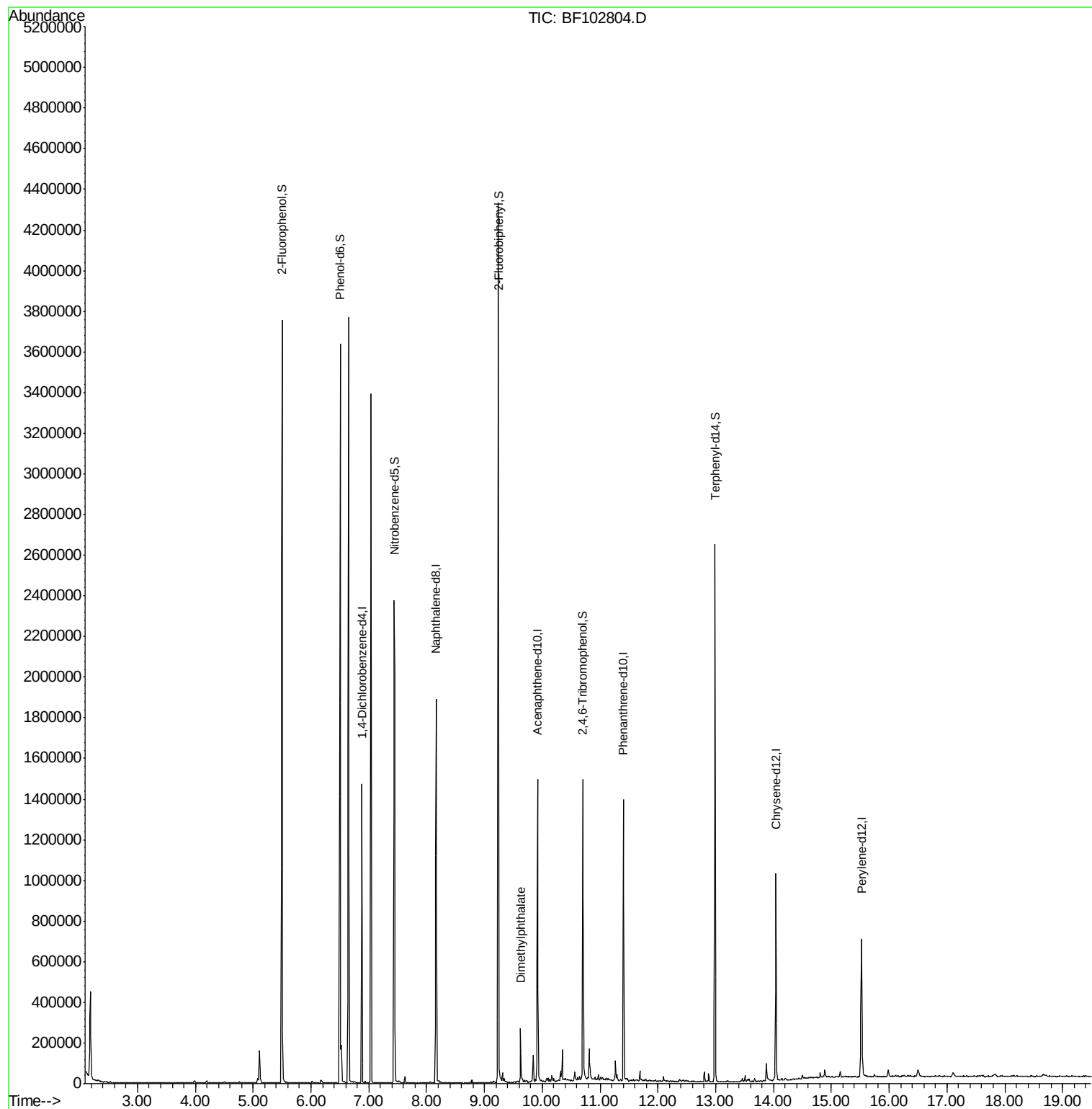
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	196237	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	785328	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	319366	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	456585	20.00	ng	0.00
75) Chrysene-d12	14.04	240	343175	20.00	ng	-0.01
86) Perylene-d12	15.52	264	317808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1049545	81.22	ng	0.00
7) Phenol-d6	6.50	99	1259583	80.96	ng	0.00
23) Nitrobenzene-d5	7.44	82	771088	68.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	155972	60.68	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1362853	70.81	ng	0.00
78) Terphenyl-d14	12.99	244	914556	63.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	99271	3.987	ng	Qvalue 99

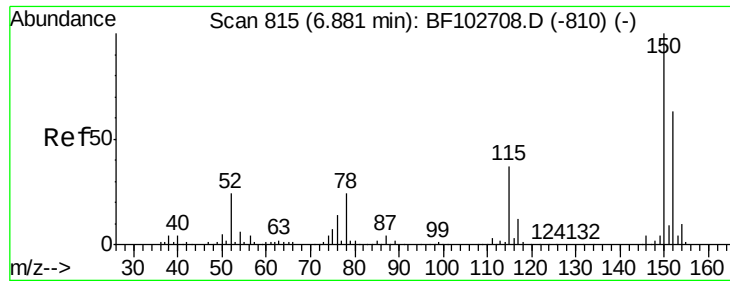
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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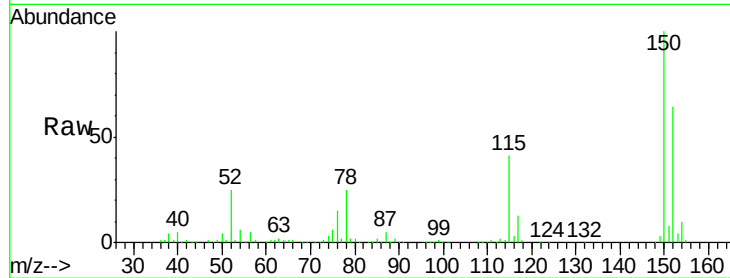


#1

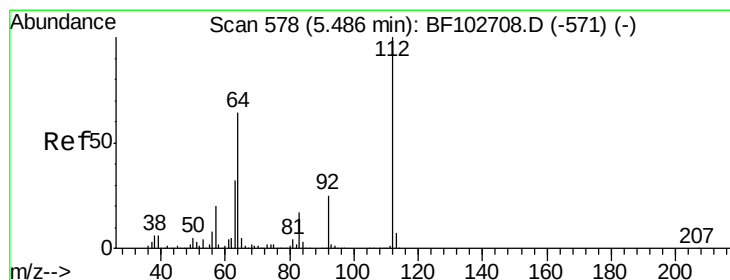
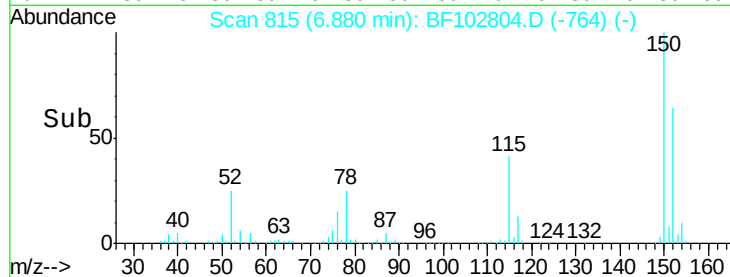
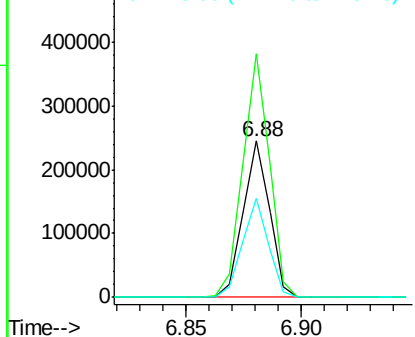
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102804.D
Acq: 7 Feb 2018 1:12

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tot Ion:152 Resp: 196237
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 63.8 50.1 75.1



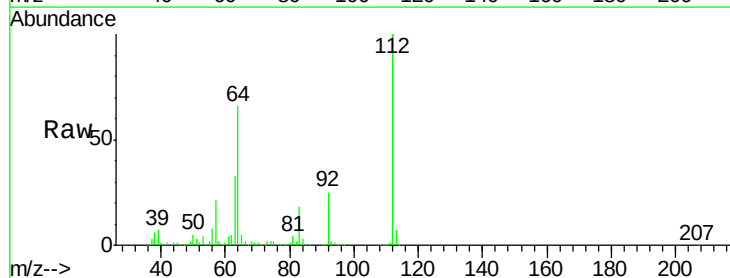
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



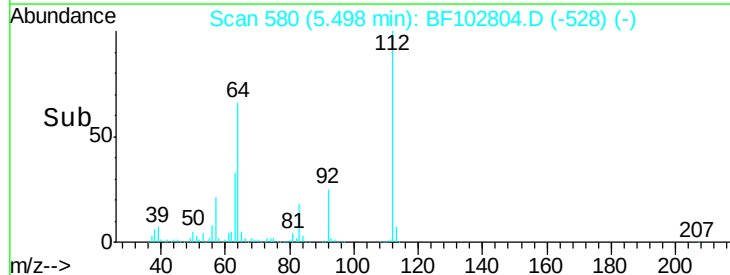
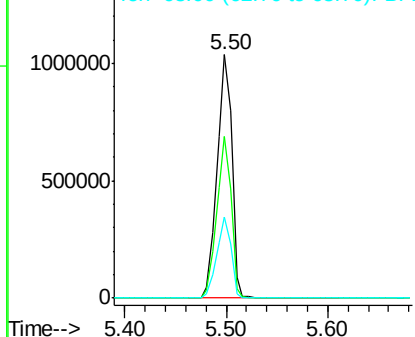
#5

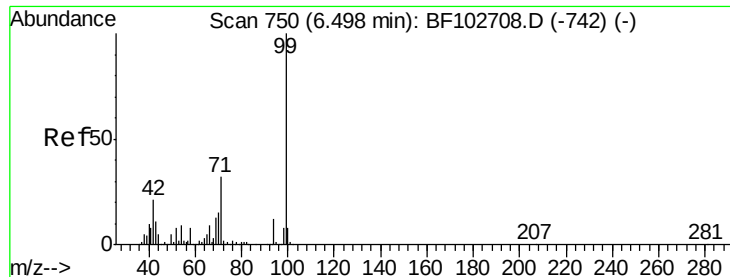
2-Fluorophenol
Concen: 81.224 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102804.D
Acq: 7 Feb 2018 1:12

Tgt Ion:112 Resp: 1049545
Ion Ratio Lower Upper
112 100
64 66.5 47.9 71.9
63 33.3 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: 80.958 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

Instrument :

BNA_F

ClientSampleId :

CONCRETE

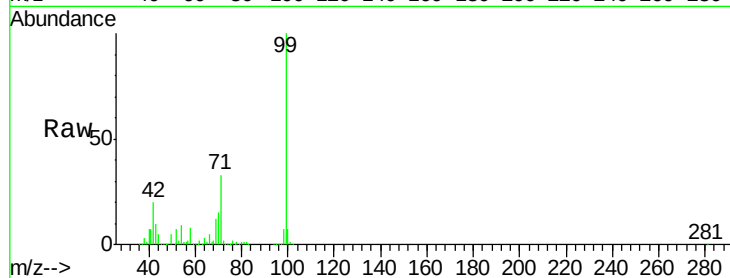
Tot Ion: 99 Resp: 1259583

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

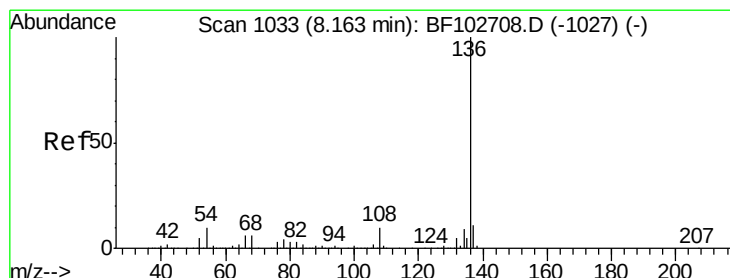
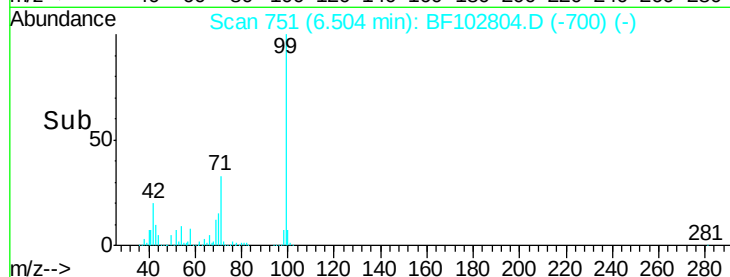
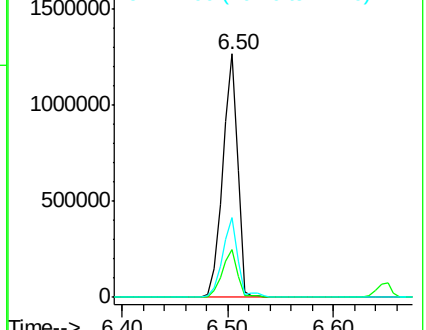
71 33.0 25.4 38.0



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

Tgt Ion: 136 Resp: 785328

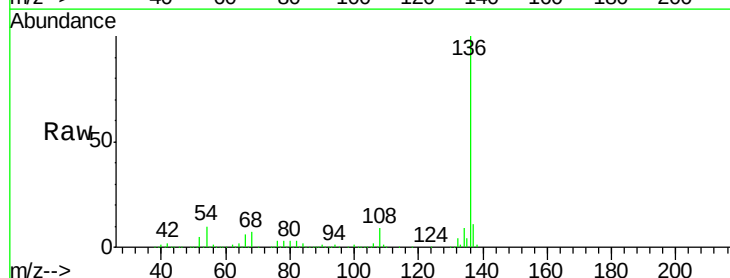
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.0 6.6 9.8#

68 6.6 5.0 7.4

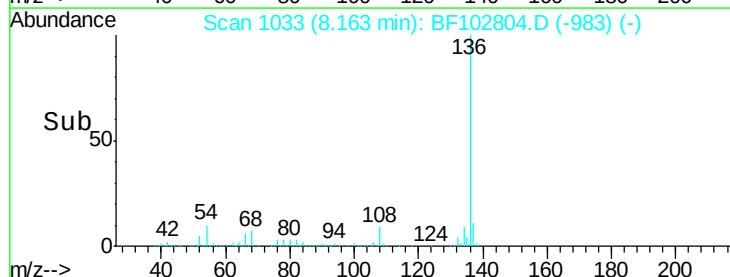
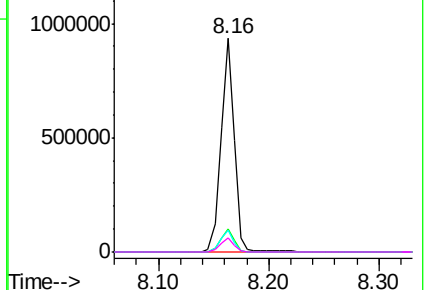


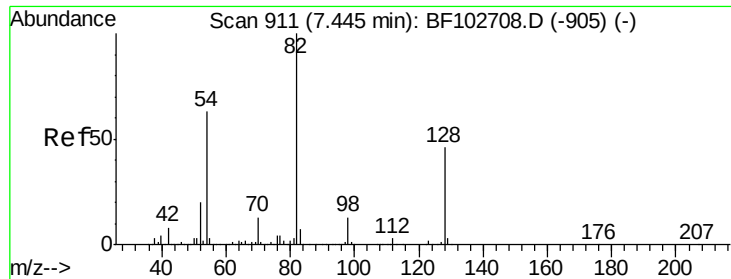
Abundance Ion 136.00 (135.70 to 136.70): E

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

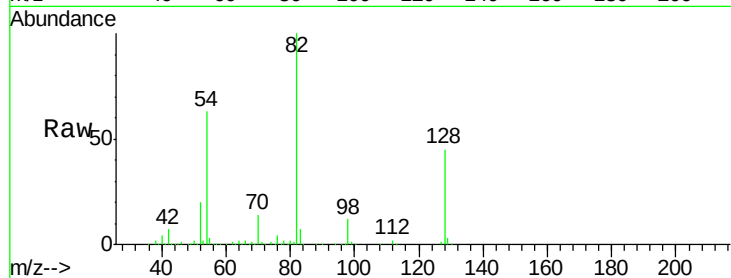




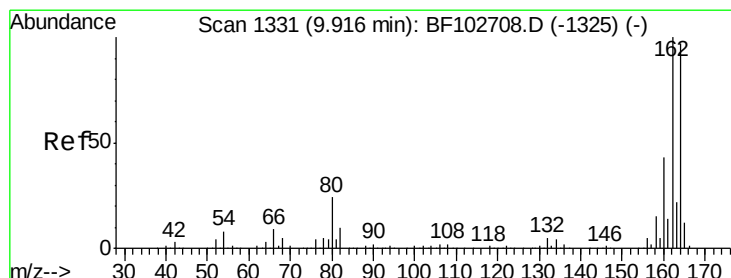
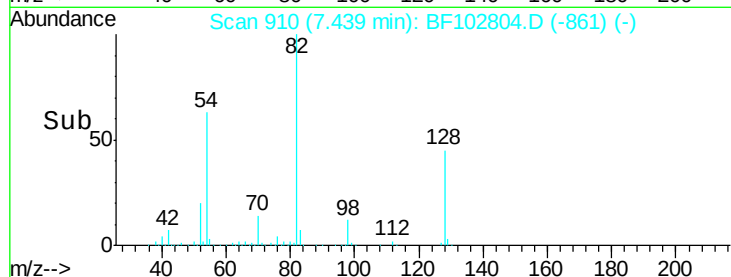
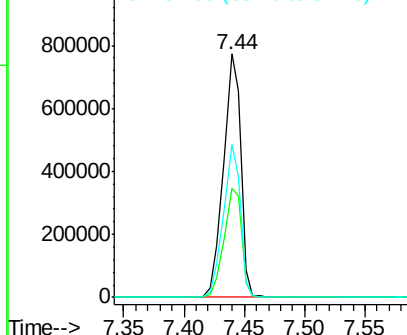
#23
Nitrobenzene-d5
Concen: 68.113 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102804.D
Acq: 7 Feb 2018 1:12

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tot Ion: 82 Resp: 771088
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 62.7 41.4 62.2#

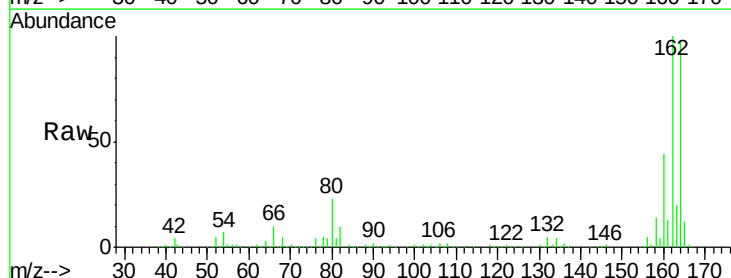


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

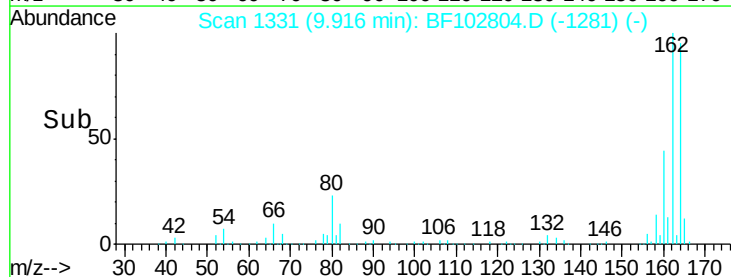
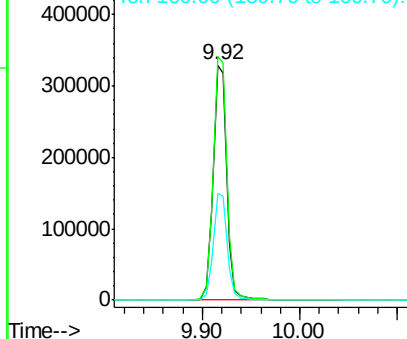


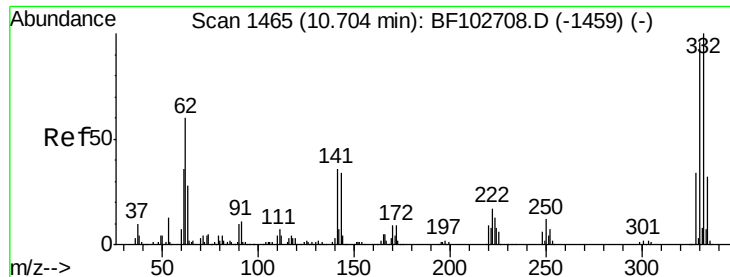
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102804.D
Acq: 7 Feb 2018 1:12

Tgt Ion:164 Resp: 319366
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 60.677 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

Instrument :

BNA_F

ClientSampleId :

CONCRETE

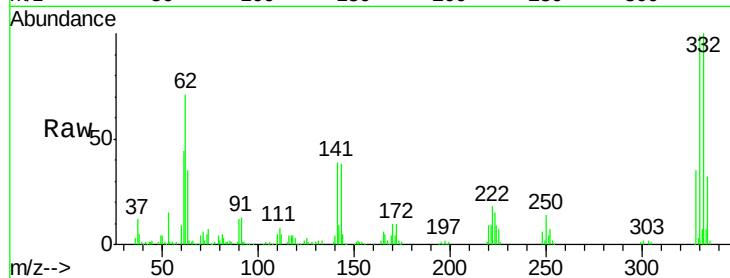
Tot Ion:330 Resp: 155972

Ion Ratio Lower Upper

330 100

332 101.9 77.0 115.6

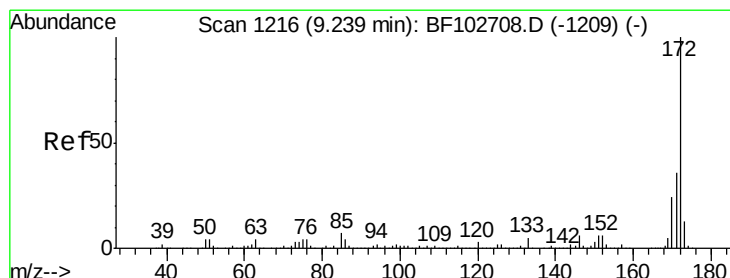
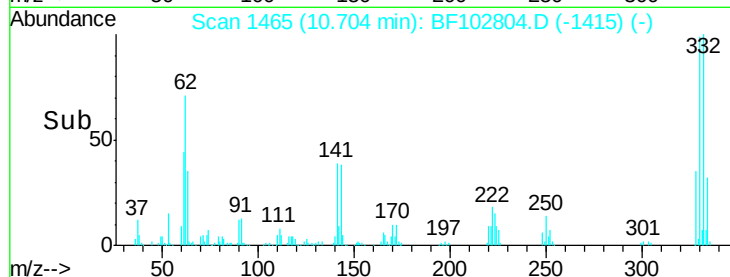
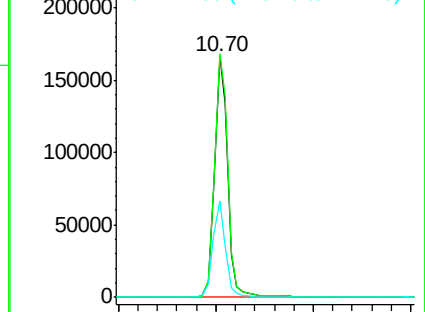
141 38.4 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 70.811 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

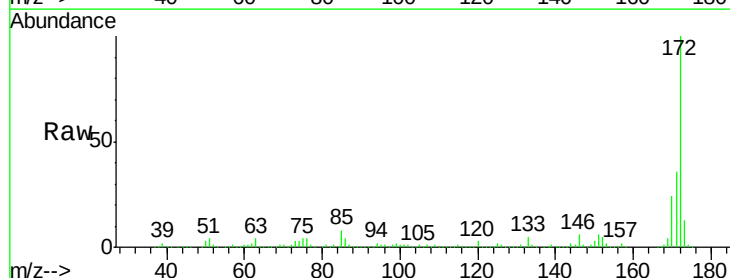
Tgt Ion:172 Resp: 1362853

Ion Ratio Lower Upper

172 100

171 35.9 29.7 44.5

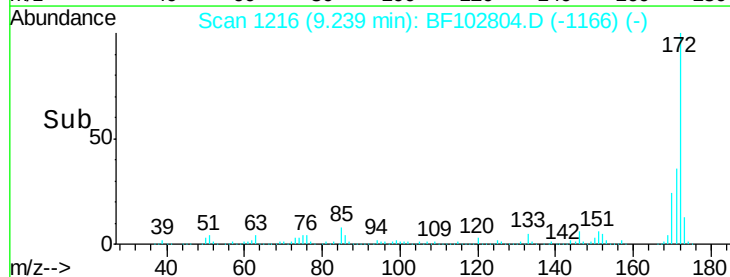
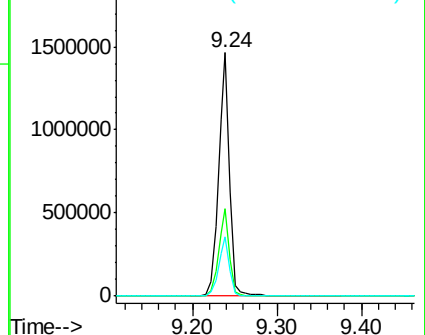
170 24.2 19.6 29.4

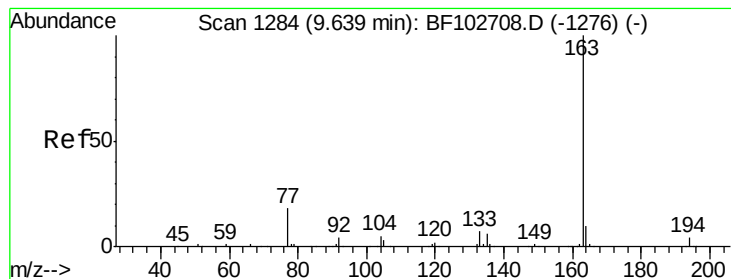


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.987 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

Instrument :

BNA_F

ClientSampleId :

CONCRETE

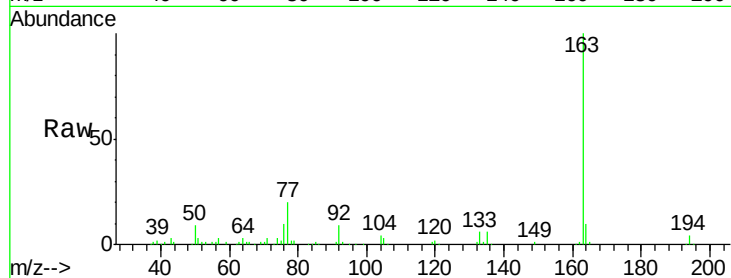
Tot Ion:163 Resp: 99271

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

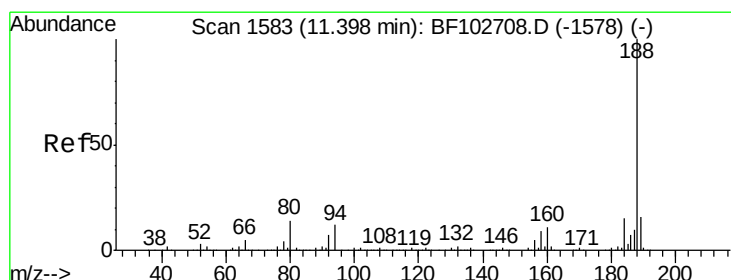
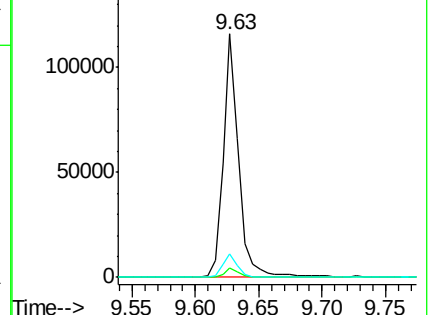
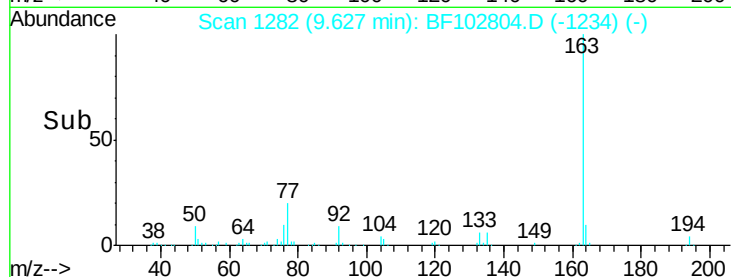
164 9.7 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

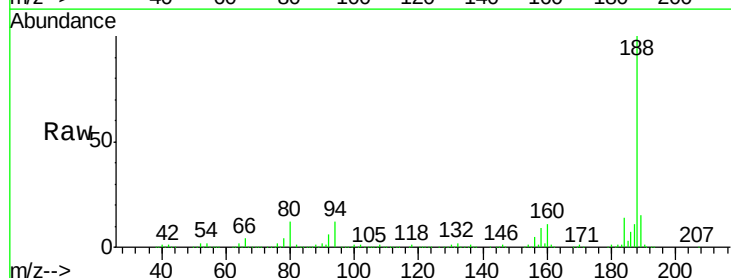
Tgt Ion:188 Resp: 456585

Ion Ratio Lower Upper

188 100

94 12.1 8.5 12.7

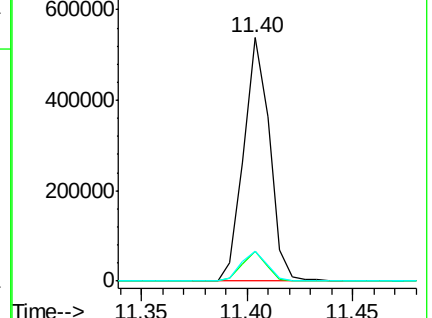
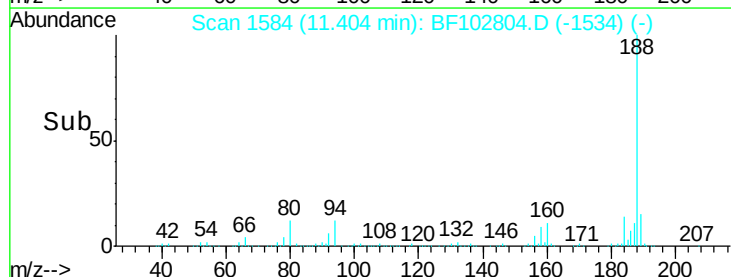
80 12.2 9.2 13.8

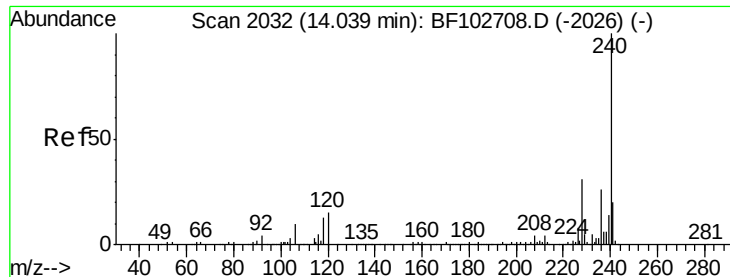


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

Instrument :

BNA_F

ClientSampleId :

CONCRETE

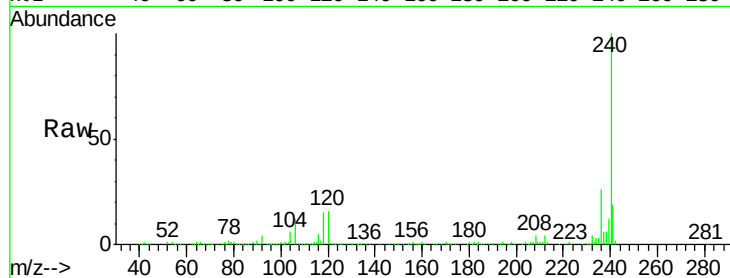
Tot Ion:240 Resp: 343175

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

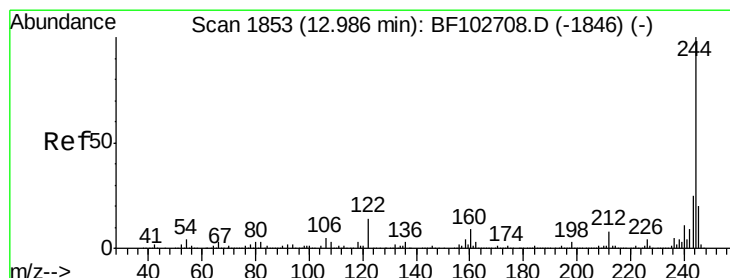
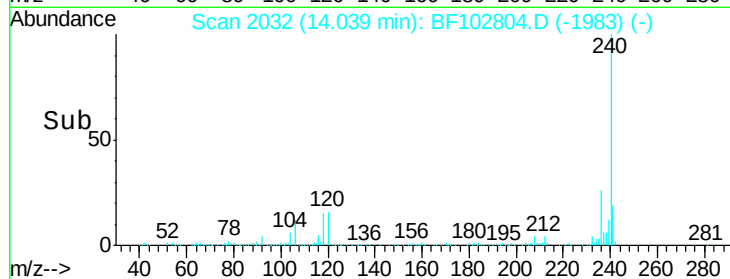
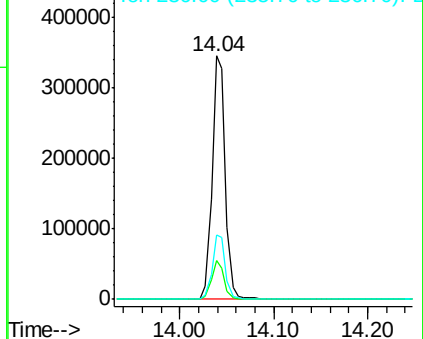
236 26.3 20.7 31.1



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



#78

Terphenyl-d14

Concen: 63.101 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102804.D

Acq: 7 Feb 2018 1:12

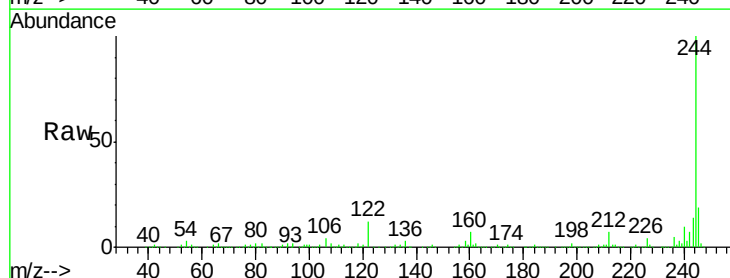
Tgt Ion:244 Resp: 914556

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

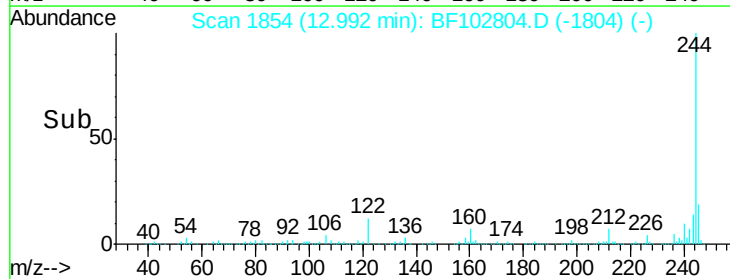
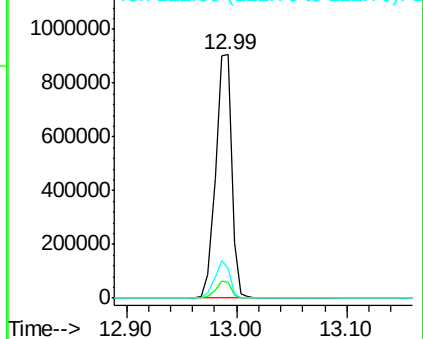
122 12.1 11.0 16.4

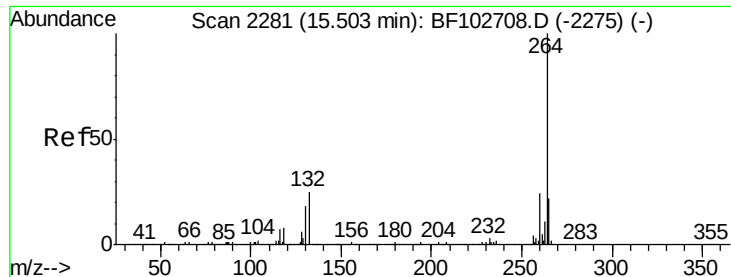


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102804.D
Acq: 7 Feb 2018 1:12

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tot Ion:264 Resp: 317808
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.6 17.5 26.3

