

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110766.D
 Acq On : 14 Nov 2018 16:06
 Operator : JU/SJ
 Sample : J5933-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-CONCRETE

Quant Time: Nov 14 17:35:50 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

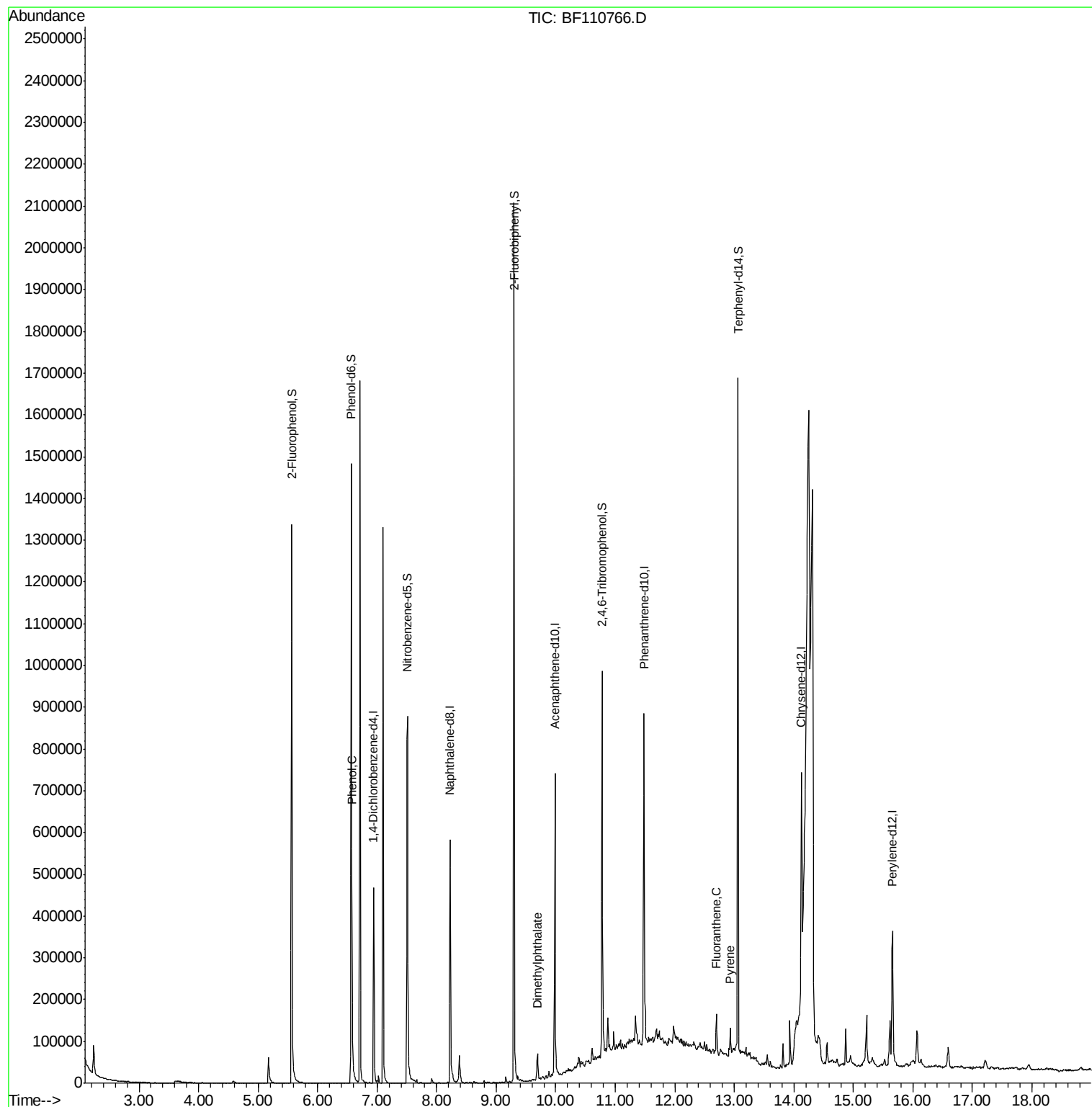
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	76083	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	323945	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	156598	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	285145	20.00	ng	0.00
76) Chrysene-d12	14.13	240	163372	20.00	ng	-0.01
87) Perylene-d12	15.66	264	155809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	396154	84.58	ng	0.00
7) Phenol-d6	6.57	99	517209	86.35	ng	0.00
23) Nitrobenzene-d5	7.51	82	325933	57.94	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	120247	76.21	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	652891	59.54	ng	0.00
79) Terphenyl-d14	13.06	244	564170	64.67	ng	0.00
Target Compounds						
10) Phenol	6.58	94	20136	2.899	ng	Qvalue # 71
50) Dimethylphthalate	9.69	163	29462	2.521	ng	97
75) Fluoranthene	12.70	202	35752	2.334	ng	98
78) Pyrene	12.93	202	28354	2.254	ng	98

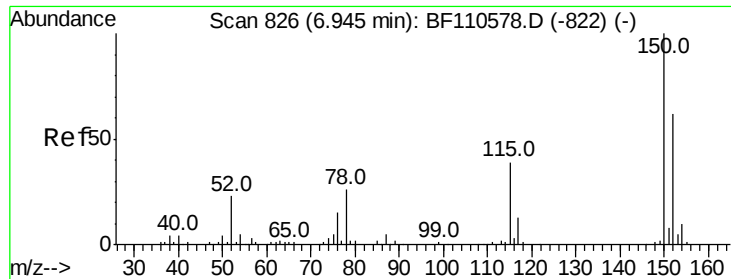
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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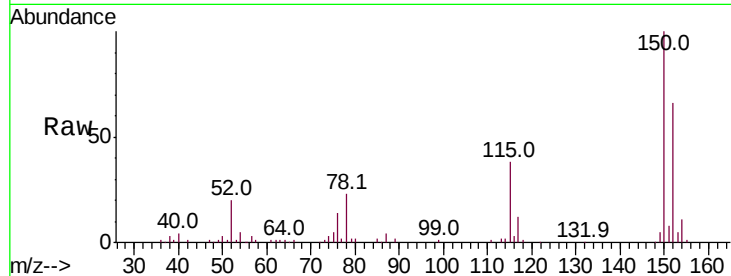




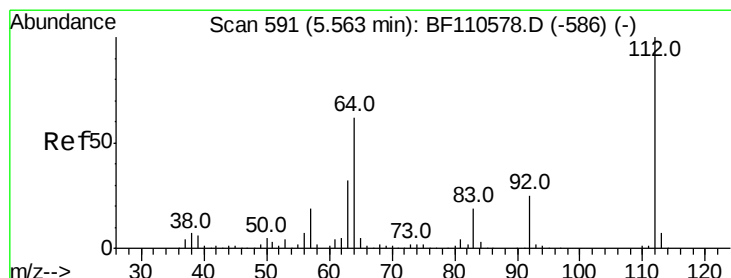
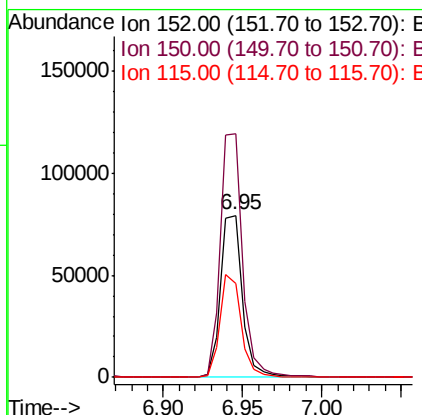
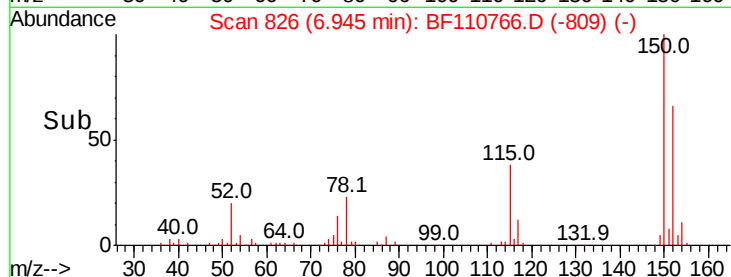
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110766.D
 Acq: 14 Nov 2018 16:06

Instrument :
 BNA_F
 ClientSampleId :
 WS-CONCRETE

Tot Ion:152 Resp: 76083
 Ion Ratio Lower Upper
 152 100
 150 150.5 122.7 184.1
 115 57.9 49.1 73.7

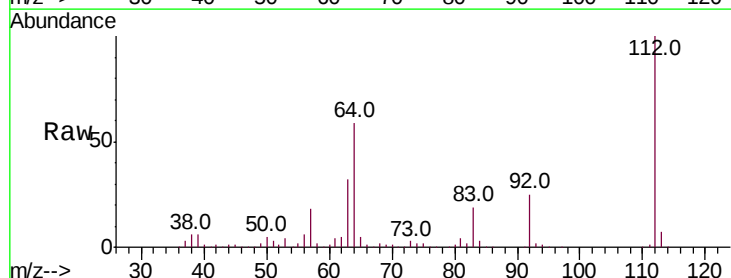


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

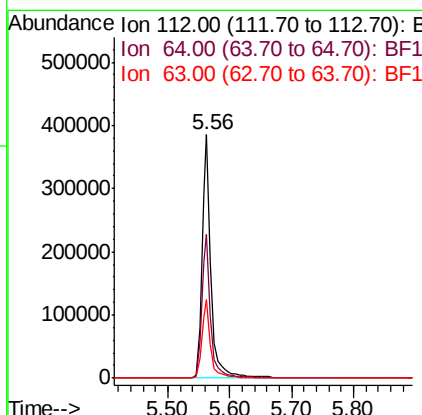
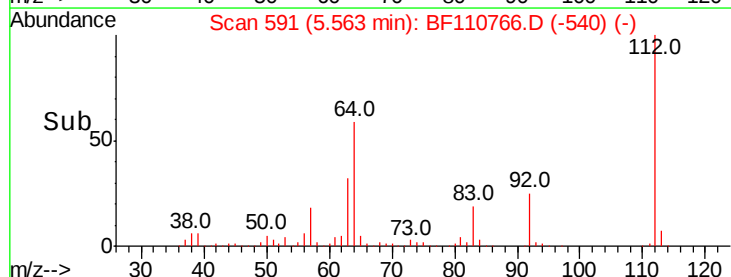


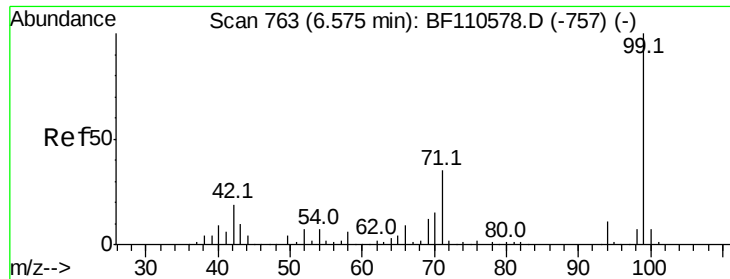
#5
 2-Fluorophenol
 Concen: 84.576 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110766.D
 Acq: 14 Nov 2018 16:06

Tgt Ion:112 Resp: 396154
 Ion Ratio Lower Upper
 112 100
 64 59.2 44.1 66.1
 63 32.1 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: 86.350 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110766.D

Acq: 14 Nov 2018 16:06

Instrument :

BNA_F

ClientSampleId :

WS-CONCRETE

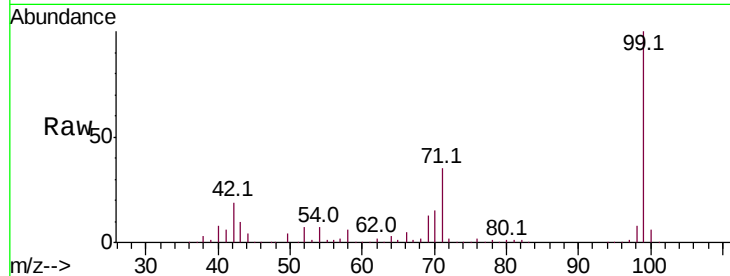
Tot Ion: 99 Resp: 517209

Ion Ratio Lower Upper

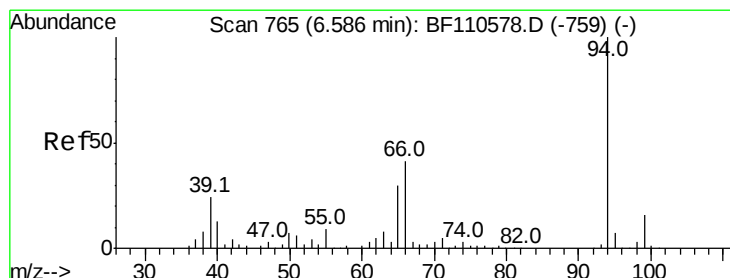
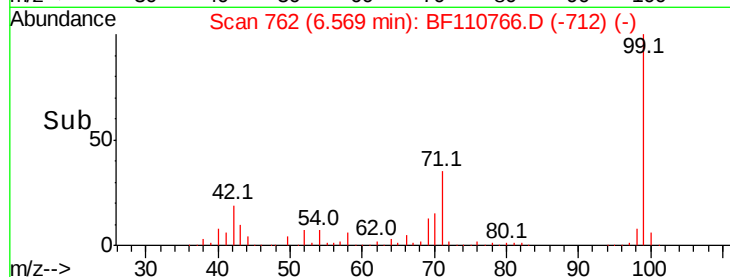
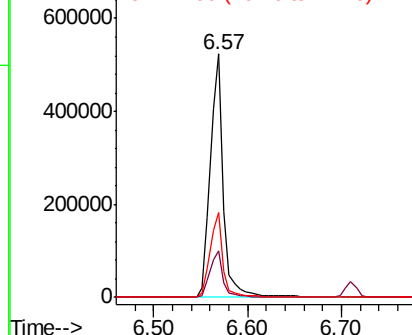
99 100

42 19.2 15.8 23.6

71 34.8 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



#10

Phenol

Concen: 2.899 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110766.D

Acq: 14 Nov 2018 16:06

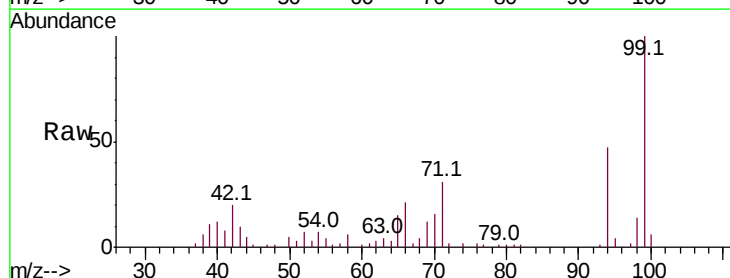
Tgt Ion: 94 Resp: 20136

Ion Ratio Lower Upper

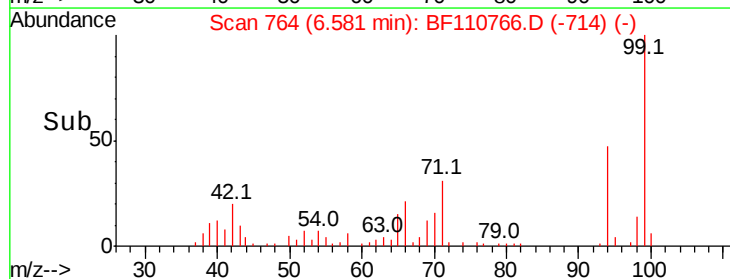
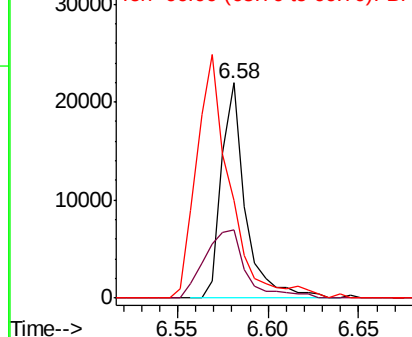
94 100

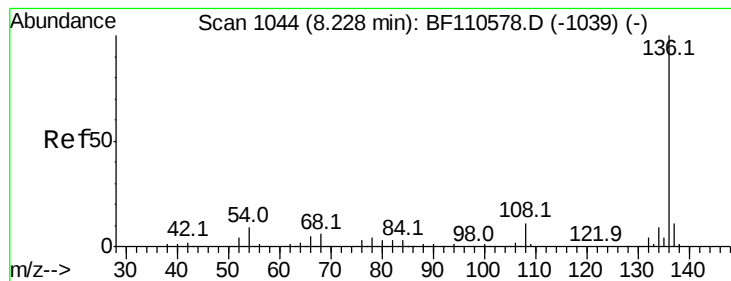
65 31.5 25.3 65.3

66 45.4 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110766.D

Acq: 14 Nov 2018 16:06

Instrument :

BNA_F

ClientSampleId :

WS-CONCRETE

Tot Ion:136 Resp: 323945

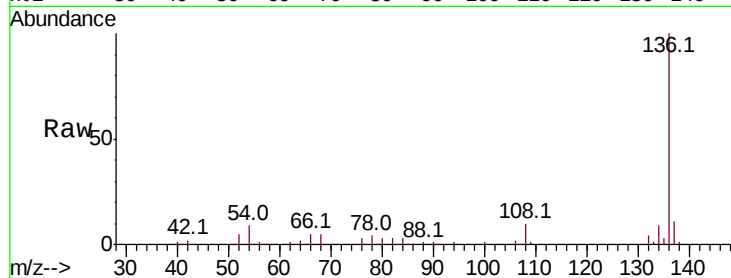
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.6 5.4 8.2#

68 5.3 4.2 6.2

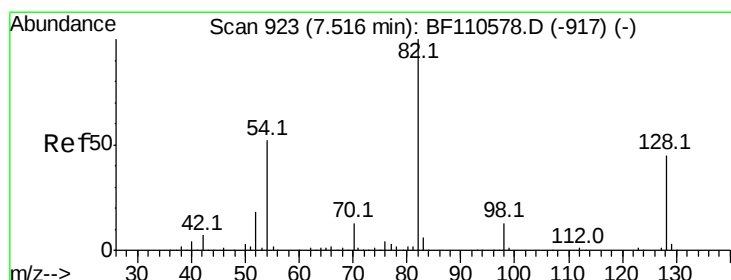
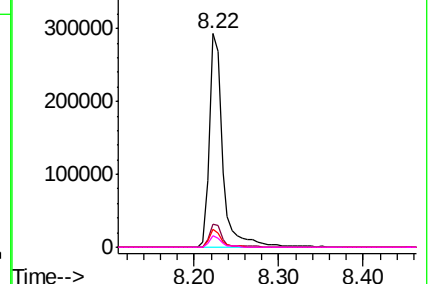
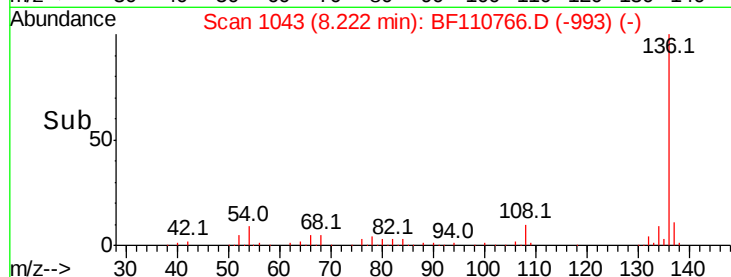


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.943 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110766.D

Acq: 14 Nov 2018 16:06

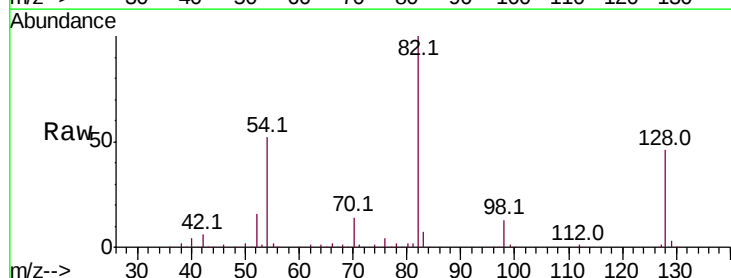
Tgt Ion: 82 Resp: 325933

Ion Ratio Lower Upper

82 100

128 46.1 34.2 51.2

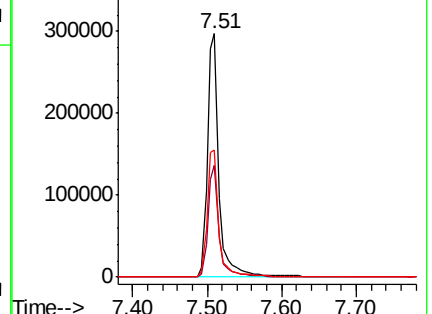
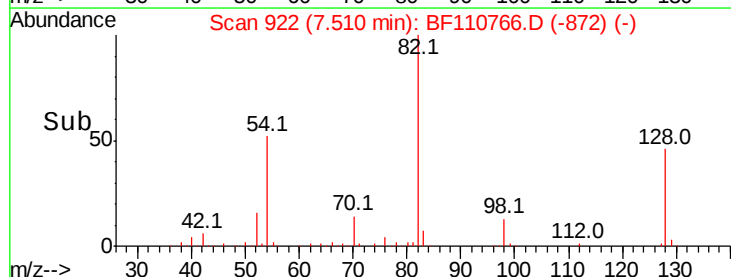
54 52.3 38.6 58.0

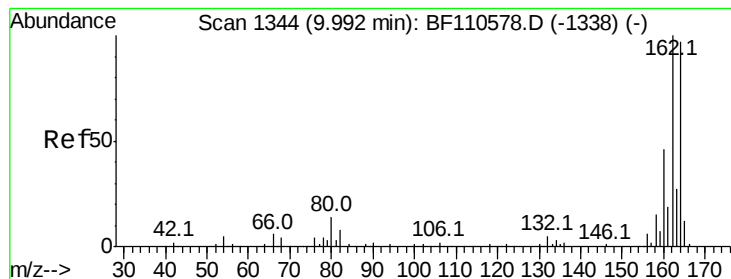


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110766.D

Acq: 14 Nov 2018 16:06

Instrument :

BNA_F

ClientSampleId :

WS-CONCRETE

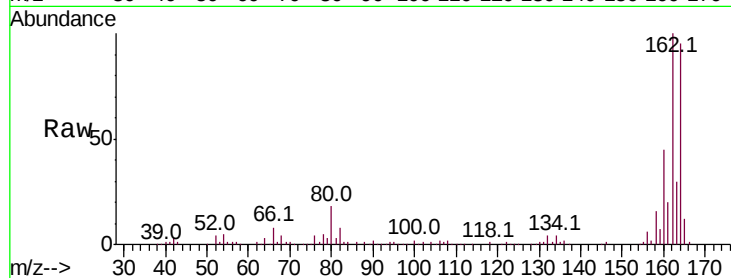
Tot Ion:164 Resp: 156598

Ion Ratio Lower Upper

164 100

162 105.5 83.0 124.6

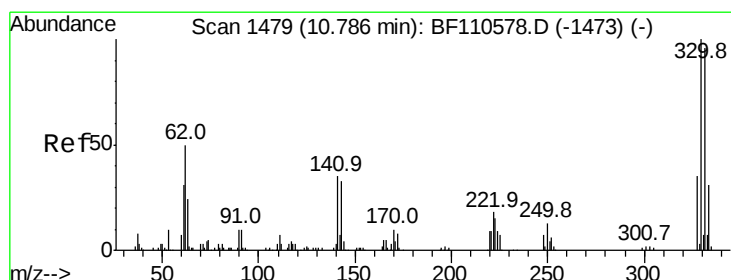
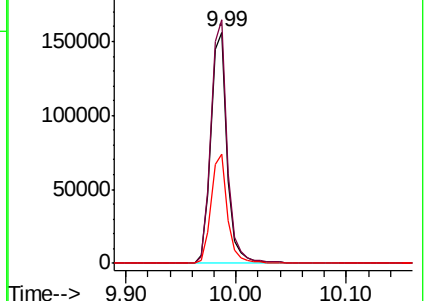
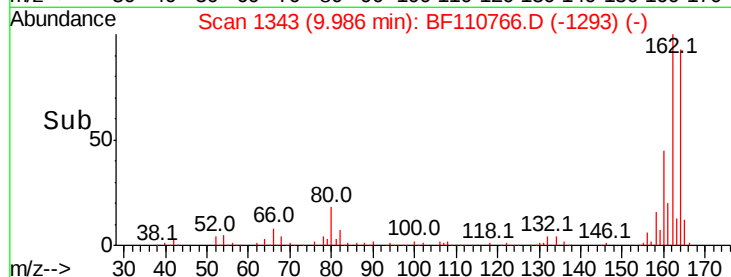
160 47.1 37.0 55.6



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: 76.206 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110766.D

Acq: 14 Nov 2018 16:06

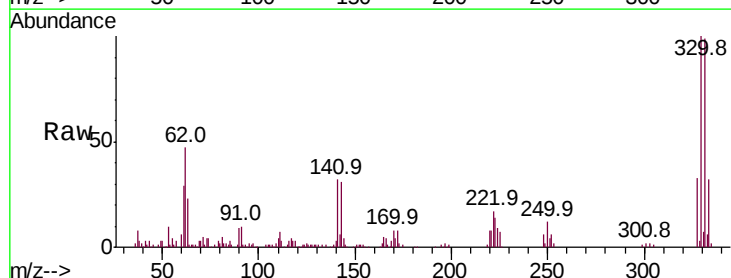
Tgt Ion:330 Resp: 120247

Ion Ratio Lower Upper

330 100

332 98.3 77.1 115.7

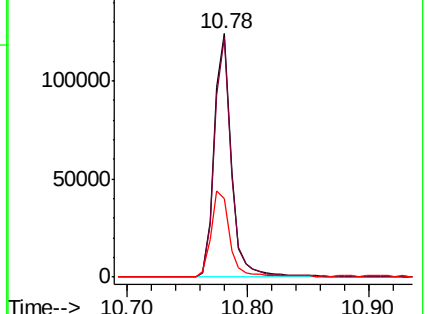
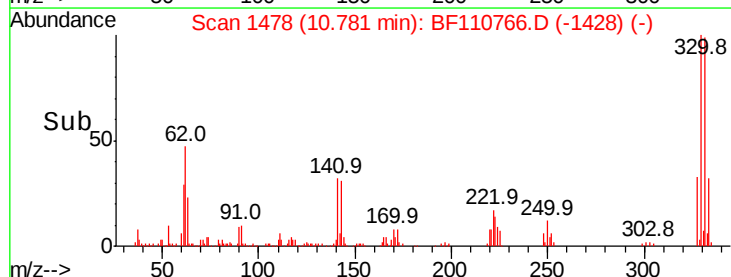
141 40.4 27.0 40.4

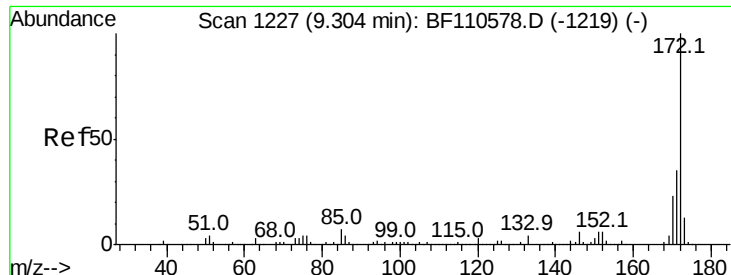


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

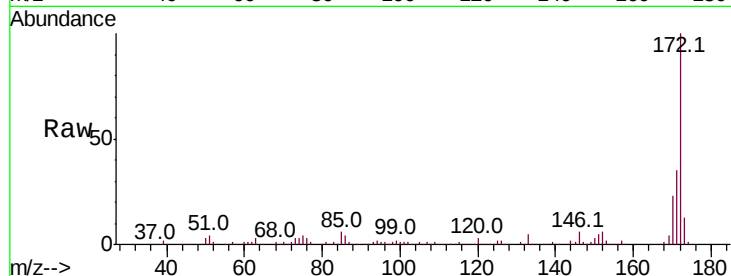




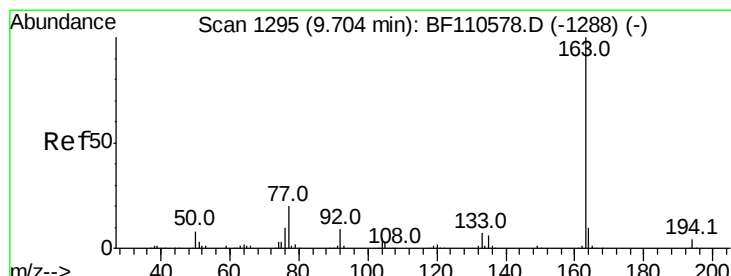
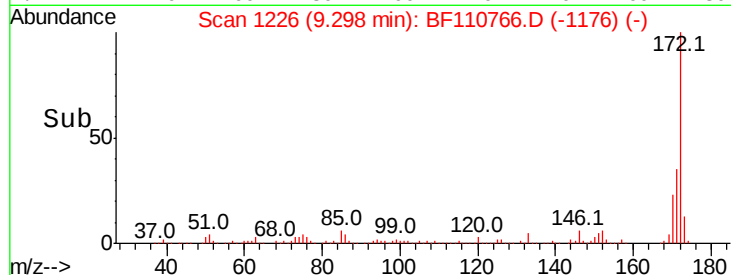
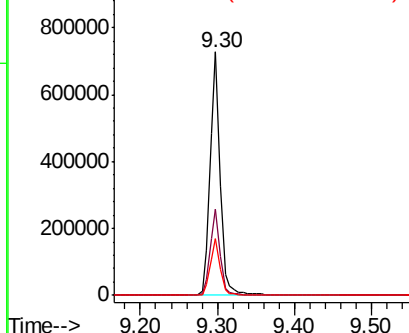
#45
2-Fluorobiphenyl
Concen: 59.544 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110766.D
Acq: 14 Nov 2018 16:06

Instrument :
BNA_F
ClientSampleId :
WS-CONCRETE

Tot Ion:172 Resp: 652891
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.3 19.7 29.5

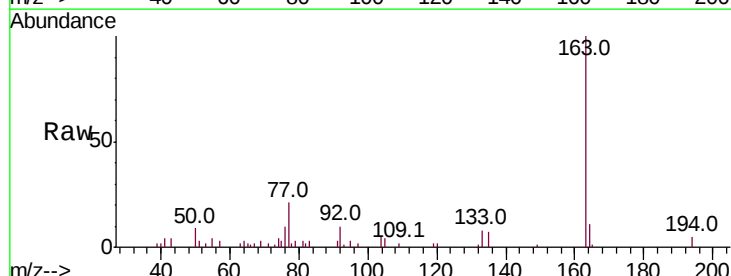


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

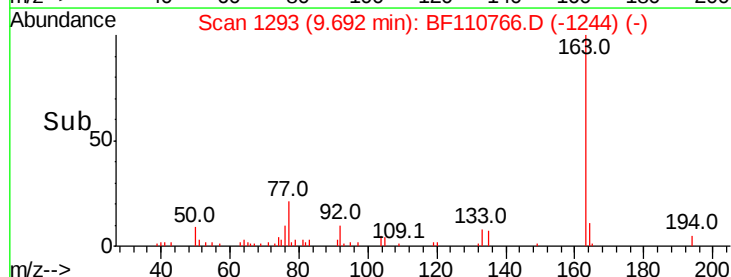
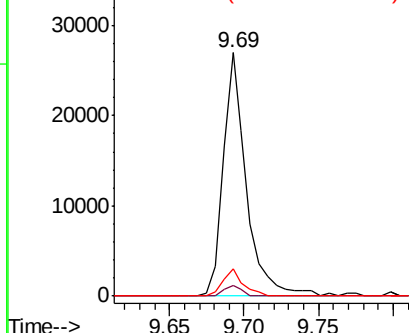


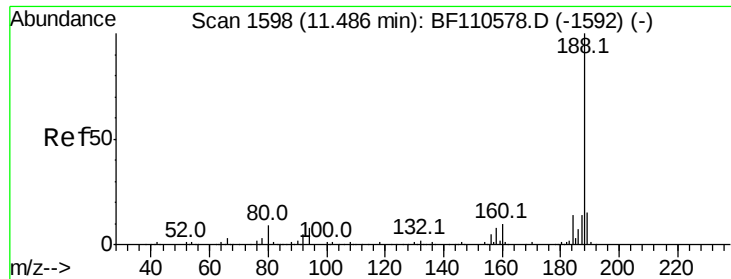
#50
Dimethylphthalate
Concen: 2.521 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110766.D
Acq: 14 Nov 2018 16:06

Tgt Ion:163 Resp: 29462
Ion Ratio Lower Upper
163 100
194 4.5 3.2 4.8
164 11.4 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: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110766.D

Acq: 14 Nov 2018 16:06

Instrument :

BNA_F

ClientSampleId :

WS-CONCRETE

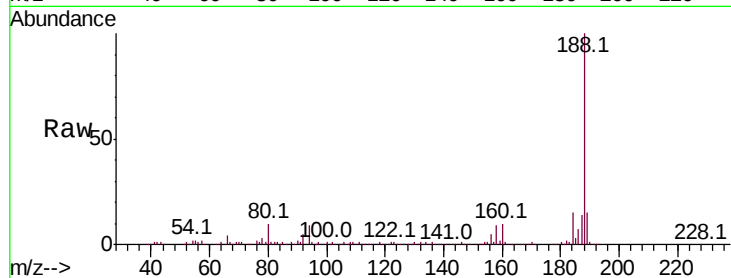
Tot Ion:188 Resp: 285145

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

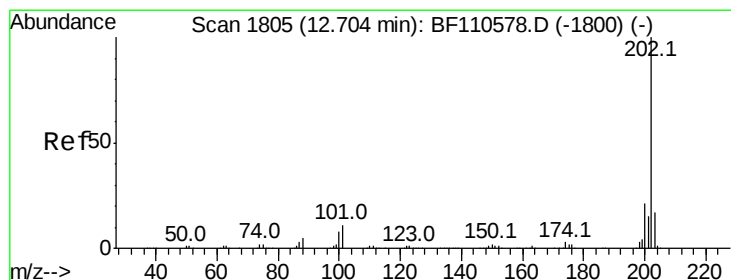
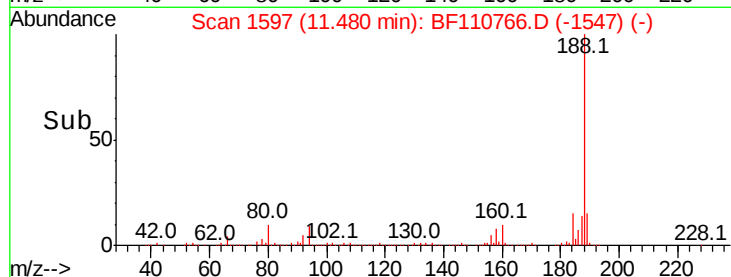
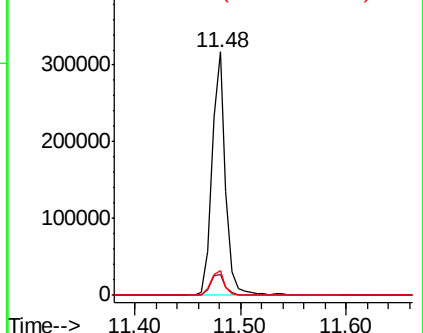
80 10.0 7.9 11.9



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



#75

Fluoranthene

Concen: 2.334 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110766.D

Acq: 14 Nov 2018 16:06

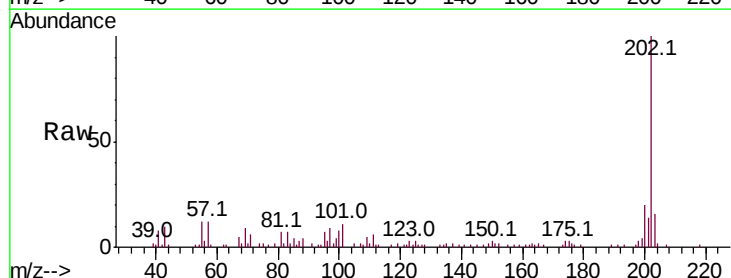
Tgt Ion:202 Resp: 35752

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.4

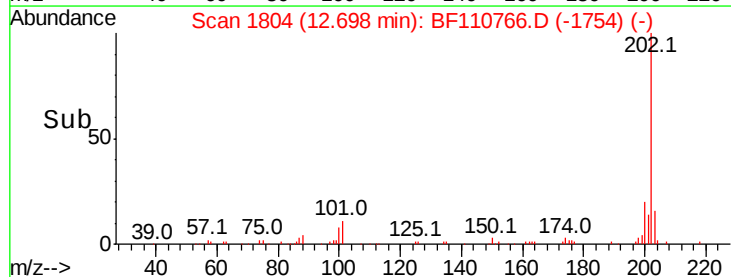
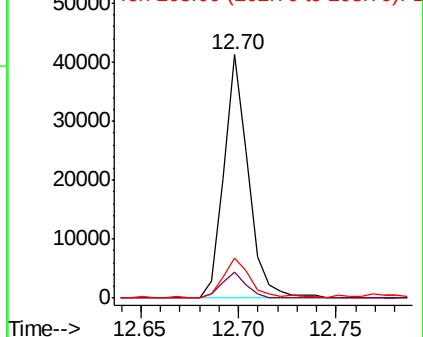
203 16.3 0.0 37.7

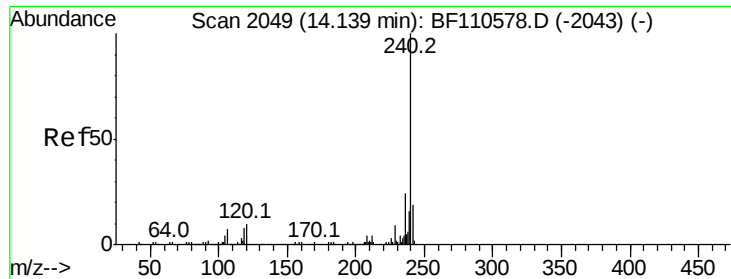


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

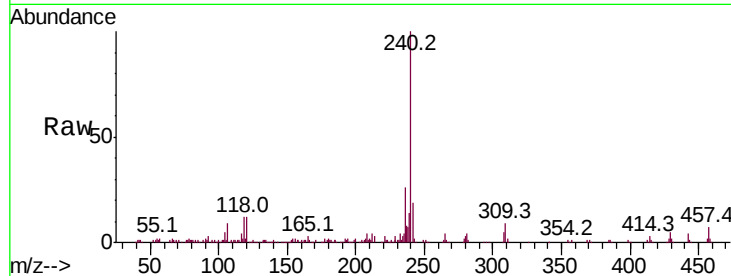




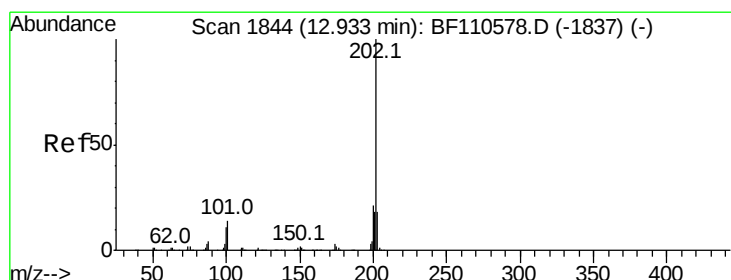
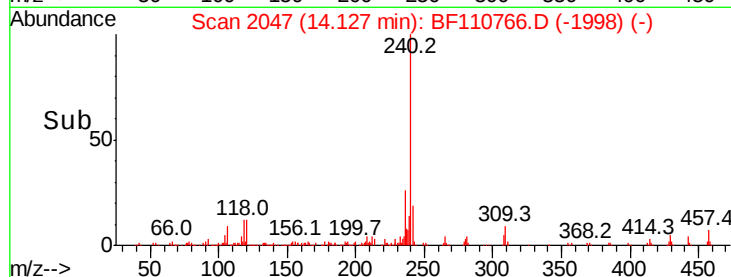
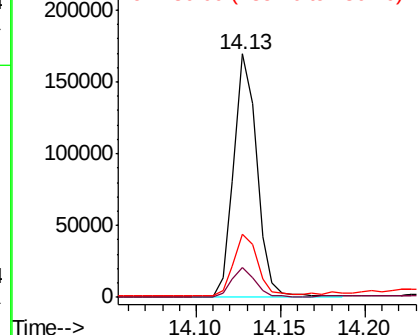
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110766.D
Acq: 14 Nov 2018 16:06

Instrument :
BNA_F
ClientSampleId :
WS-CONCRETE

Tot Ion:240 Resp: 163372
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 25.8 21.2 31.8

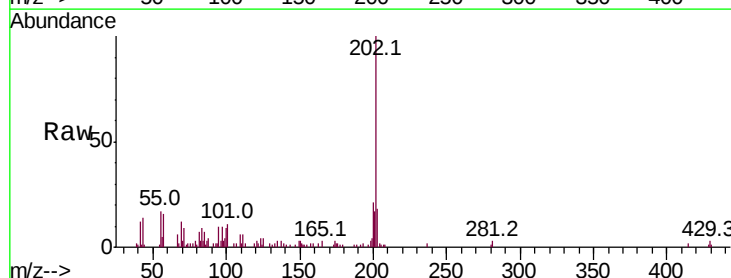


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

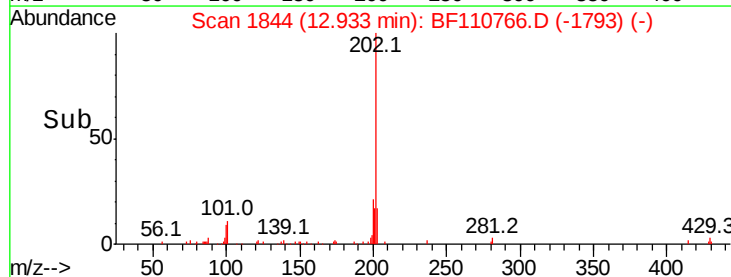
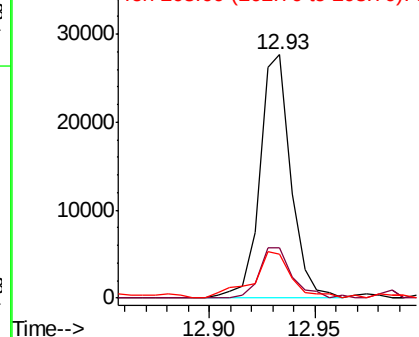


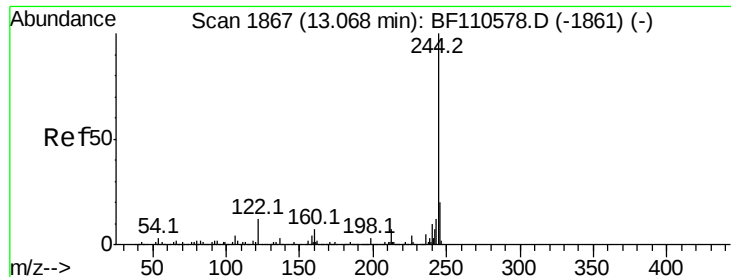
#78
Pyrene
Concen: 2.254 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110766.D
Acq: 14 Nov 2018 16:06

Tgt Ion:202 Resp: 28354
Ion Ratio Lower Upper
202 100
200 20.9 17.8 26.6
203 18.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.672 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110766.D

Acq: 14 Nov 2018 16:06

Instrument :

BNA_F

ClientSampleId :

WS-CONCRETE

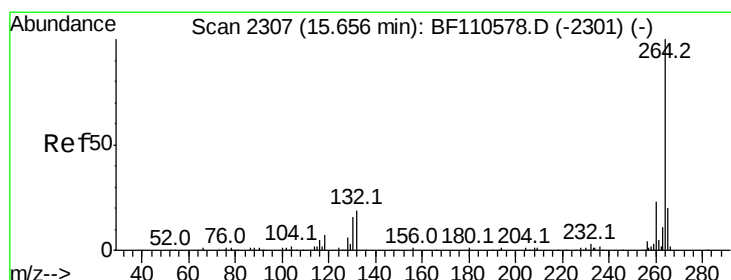
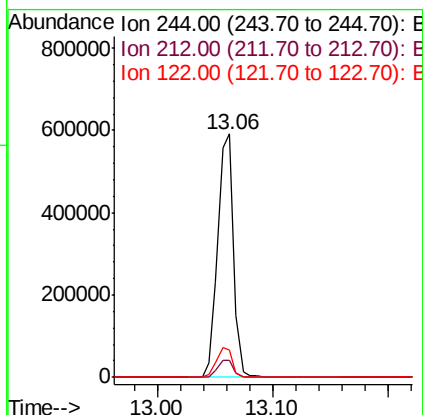
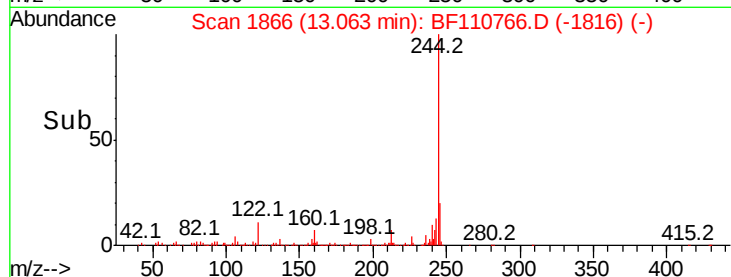
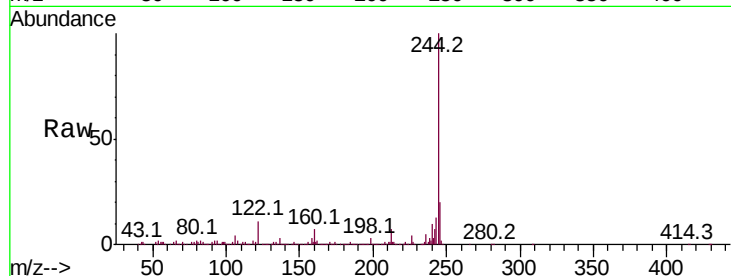
Tot Ion:244 Resp: 564170

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 11.0 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: BF110766.D

Acq: 14 Nov 2018 16:06

Tgt Ion:264 Resp: 155809

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.3 16.7 25.1

