

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108660.D
 Acq On : 31 Aug 2018 00:21
 Operator : JU/SJ
 Sample : J4699-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CG-CONCRETE

Quant Time: Aug 31 03:24:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

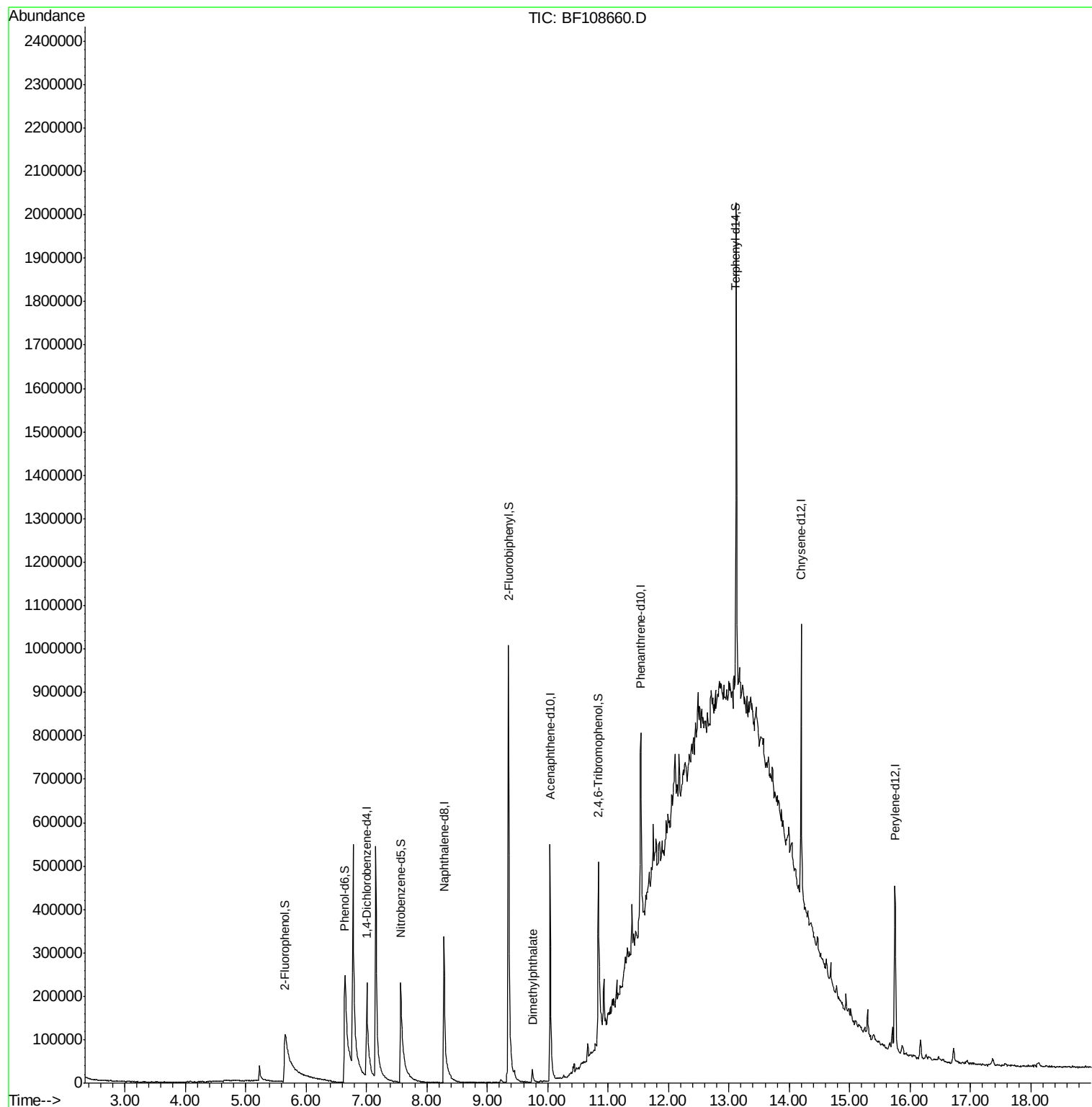
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	77525	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	334070	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	152579	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	267170	20.00	ng	0.00
75) Chrysene-d12	14.19	240	267456	20.00	ng	0.00
86) Perylene-d12	15.75	264	228615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	214675	48.11	ng	0.01
7) Phenol-d6	6.64	99	376385	58.89	ng	0.00
23) Nitrobenzene-d5	7.57	82	252975	38.44	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	89250	44.31	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	530406	46.74	ng	0.00
78) Terphenyl-d14	13.12	244	487707	35.43	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	26781	2.229	ng	# 98

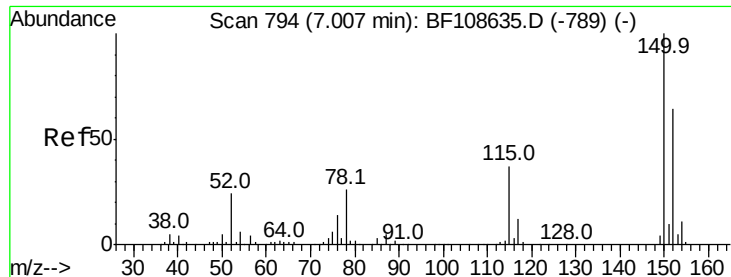
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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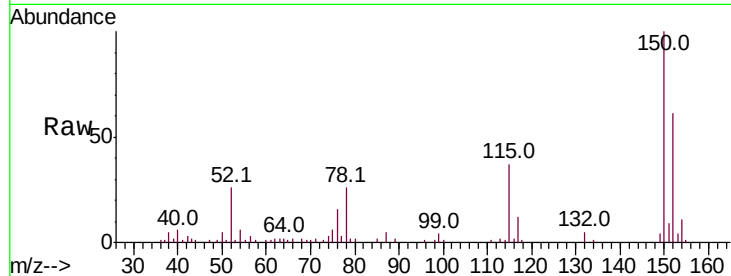


#1

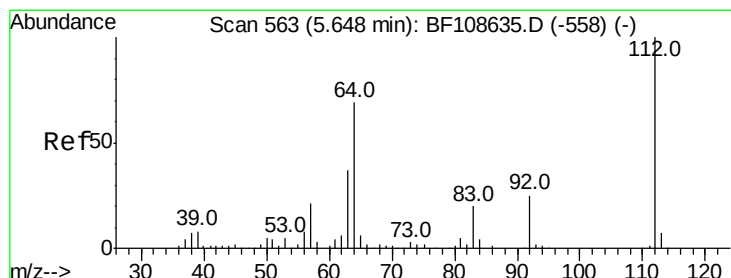
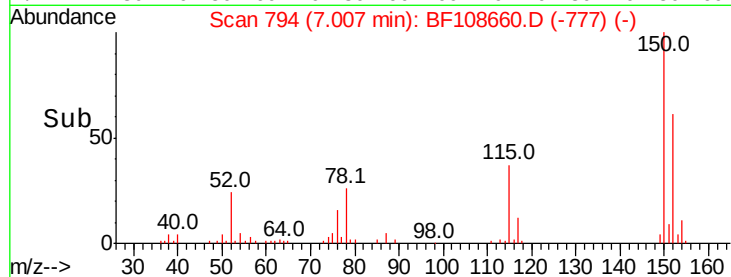
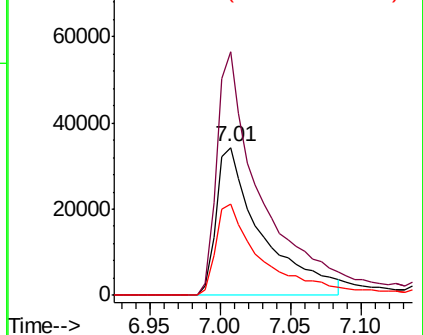
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108660.D
Acq: 31 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :
CG-CONCRETE

Tot Ion:152 Resp: 77525
Ion Ratio Lower Upper
152 100
150 164.7 124.6 186.8
115 61.7 50.1 75.1



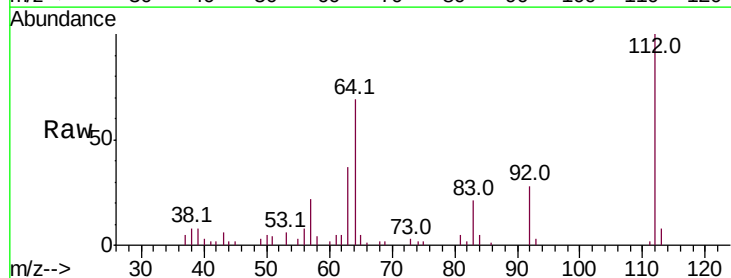
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



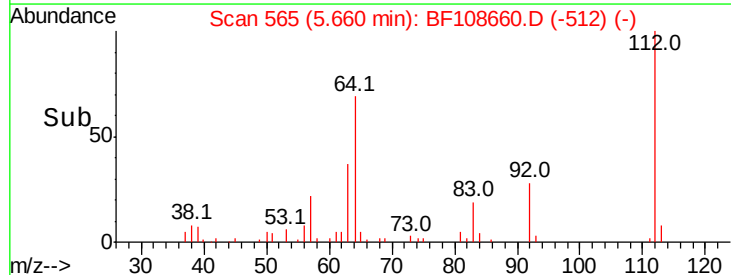
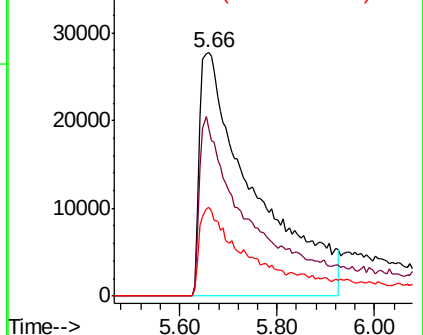
#5

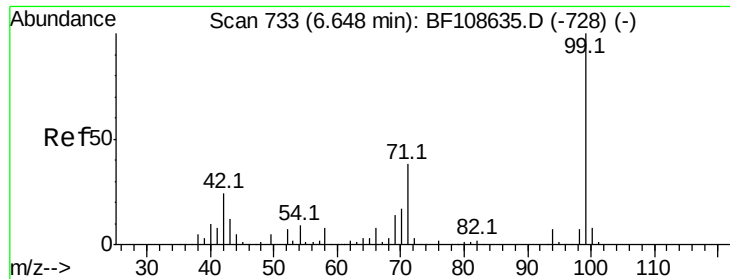
2-Fluorophenol
Concen: 48.105 ng
RT: 5.66 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF108660.D
Acq: 31 Aug 2018 00:21

Tgt Ion:112 Resp: 214675
Ion Ratio Lower Upper
112 100
64 68.8 47.9 71.9
63 36.7 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: 58.887 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108660.D

Acq: 31 Aug 2018 00:21

Instrument :

BNA_F

ClientSampled :

CG-CONCRETE

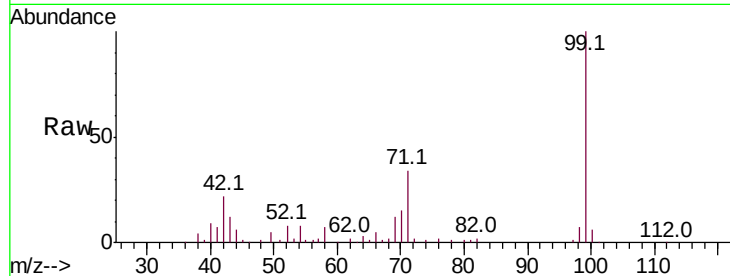
Tot Ion: 99 Resp: 376385

Ion Ratio Lower Upper

99 100

42 21.8 14.5 21.7#

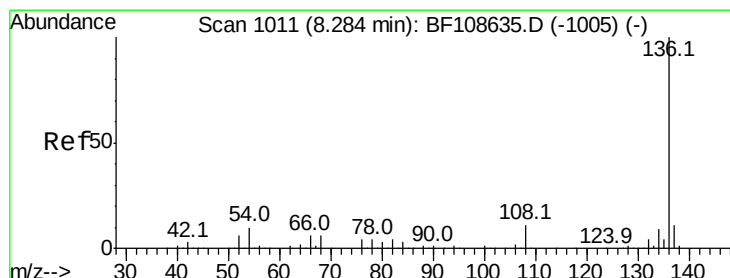
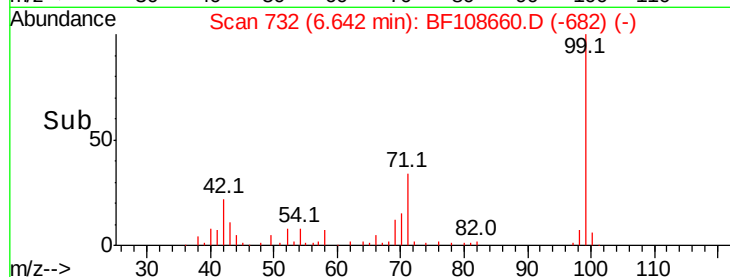
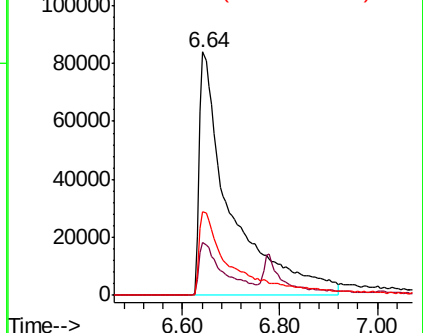
71 34.3 25.4 38.0



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: 8.28 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF108660.D

Acq: 31 Aug 2018 00:21

Tgt Ion: 136 Resp: 334070

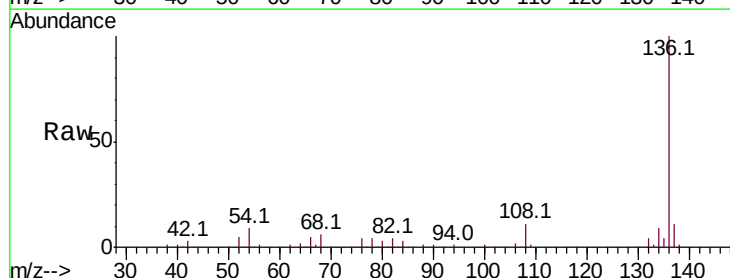
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.4 6.6 9.8

68 5.7 5.0 7.4

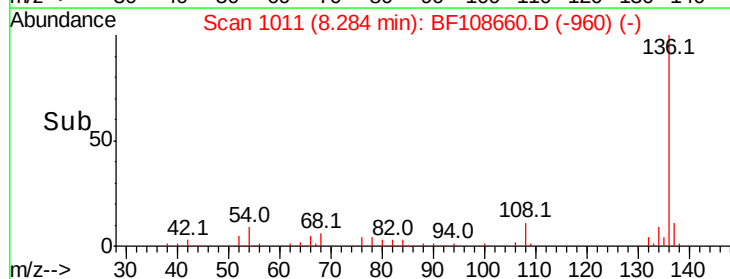
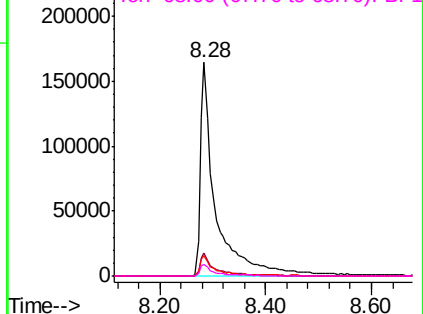


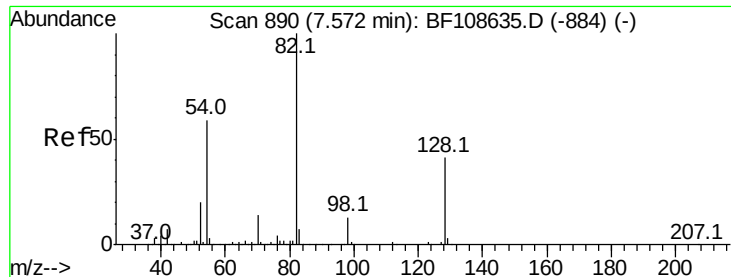
Abundance Ion 136.00 (135.70 to 136.70): E

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

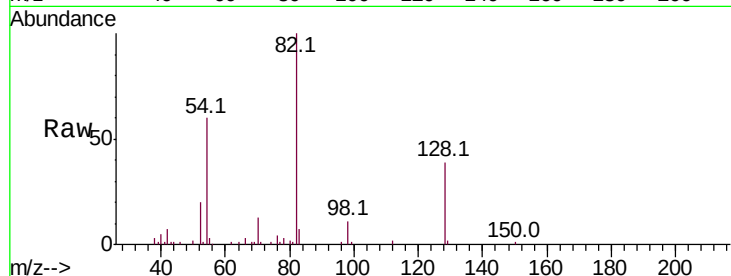




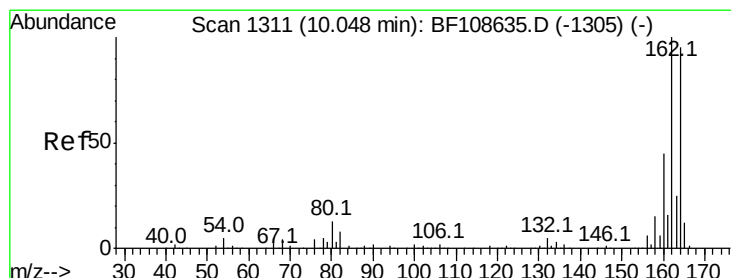
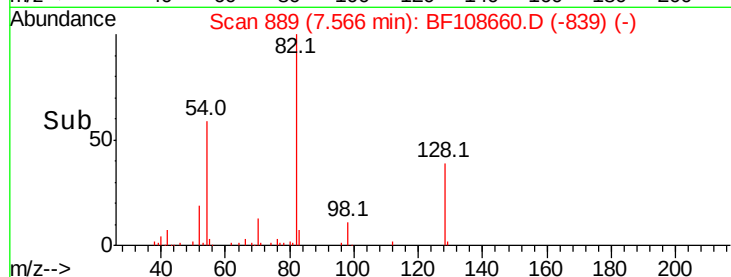
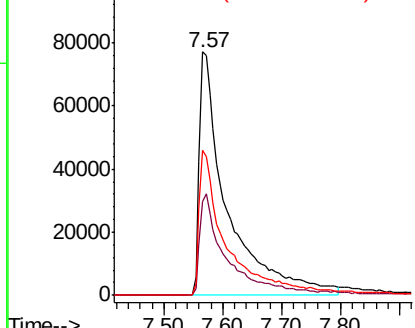
#23
 Nitrobenzene-d5
 Concen: 38.437 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108660.D
 Acq: 31 Aug 2018 00:21

Instrument :
 BNA_F
 ClientSampleId :
 CG-CONCRETE

Tot Ion: 82 Resp: 252975
 Ion Ratio Lower Upper
 82 100
 128 38.8 36.1 54.1
 54 59.6 41.4 62.2

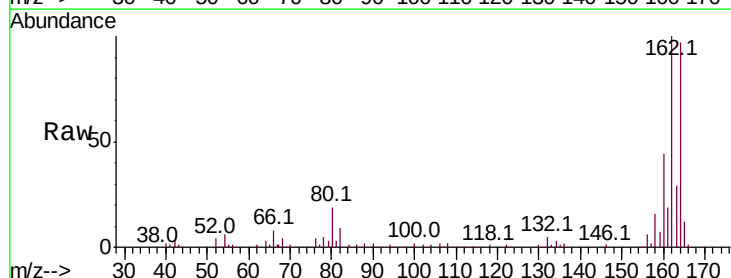


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

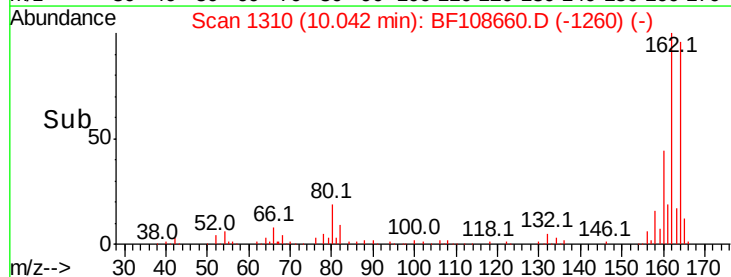
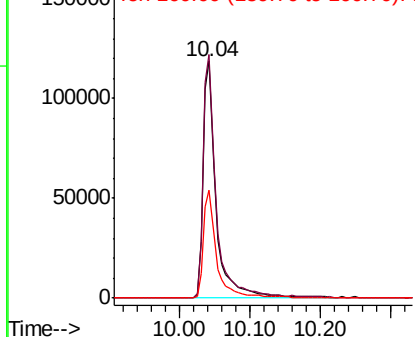


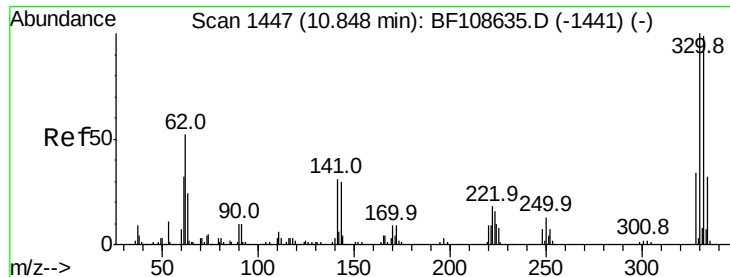
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108660.D
 Acq: 31 Aug 2018 00:21

Tgt Ion:164 Resp: 152579
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 45.7 38.3 57.5



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

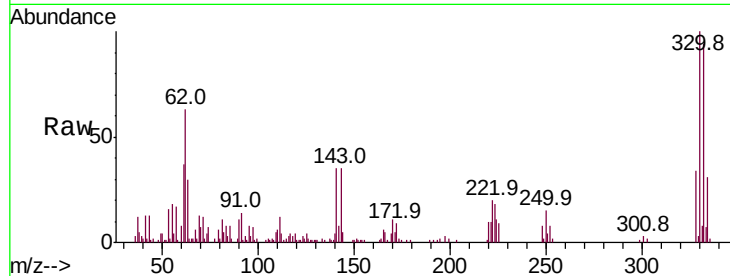




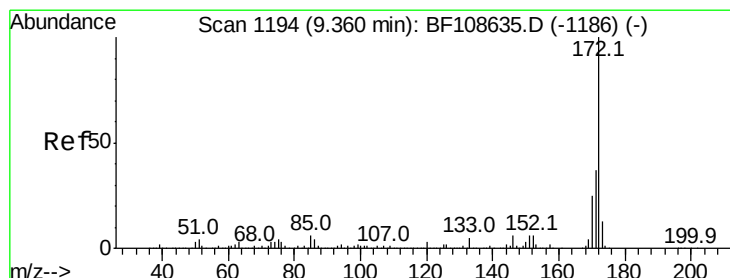
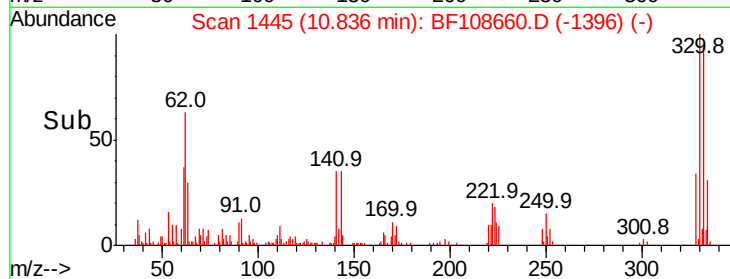
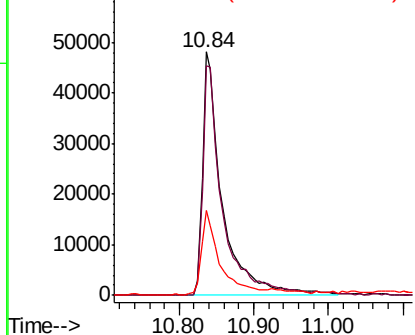
#41
 2,4,6-Tribromophenol
 Concen: 44.310 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108660.D
 Acq: 31 Aug 2018 00:21

Instrument :
 BNA_F
 ClientSampleId :
 CG-CONCRETE

Tot Ion:330 Resp: 89250
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 33.3 29.9 44.9

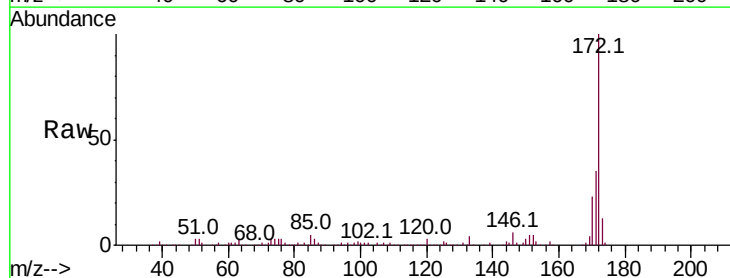


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

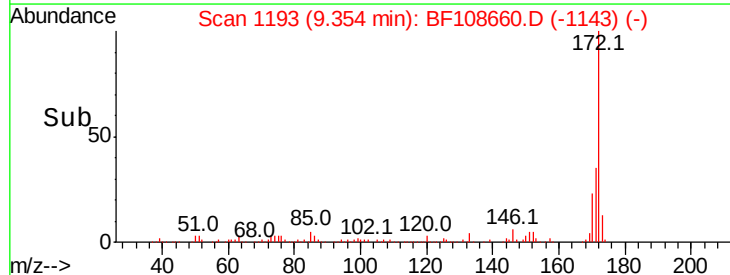
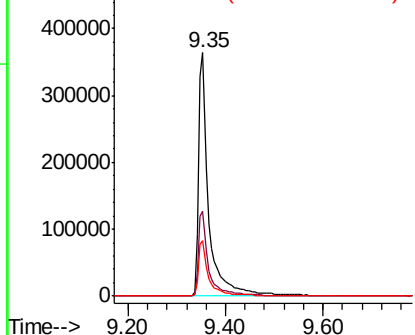


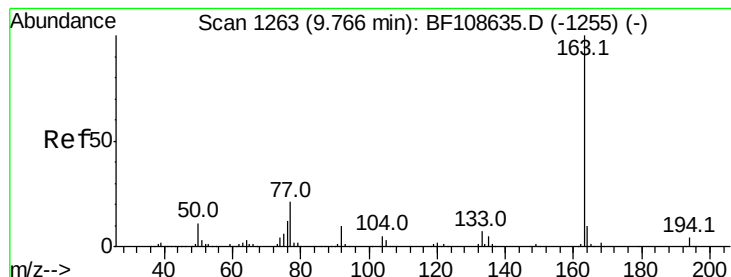
#44
 2-Fluorobiphenyl
 Concen: 46.741 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108660.D
 Acq: 31 Aug 2018 00:21

Tgt Ion:172 Resp: 530406
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 22.7 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: 2.229 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108660.D

Acq: 31 Aug 2018 00:21

Instrument :

BNA_F

ClientSampleId :

CG-CONCRETE

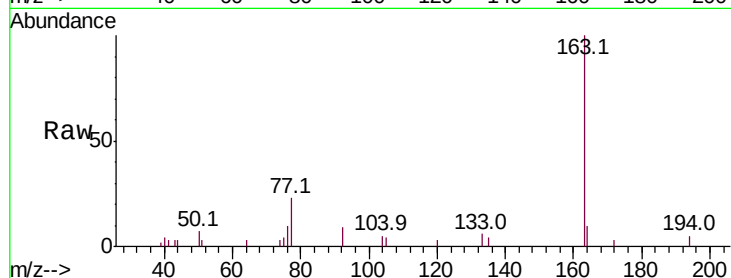
Tot Ion:163 Resp: 26781

Ion Ratio Lower Upper

163 100

194 5.4 2.7 4.1#

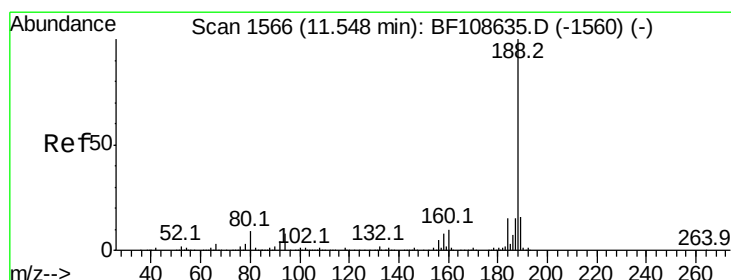
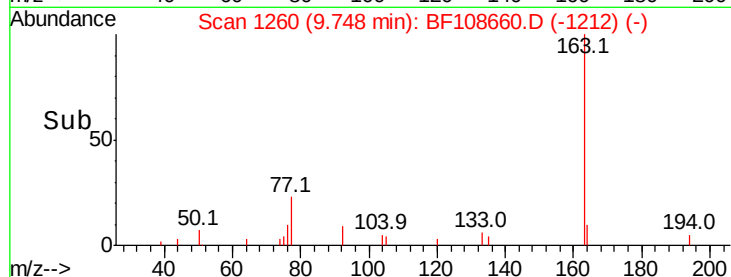
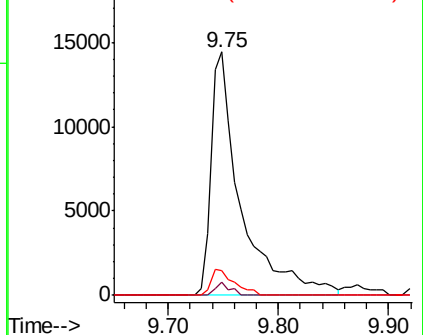
164 10.2 8.2 12.2



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: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108660.D

Acq: 31 Aug 2018 00:21

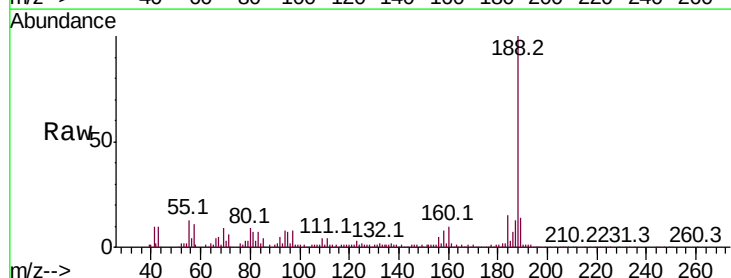
Tgt Ion:188 Resp: 267170

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

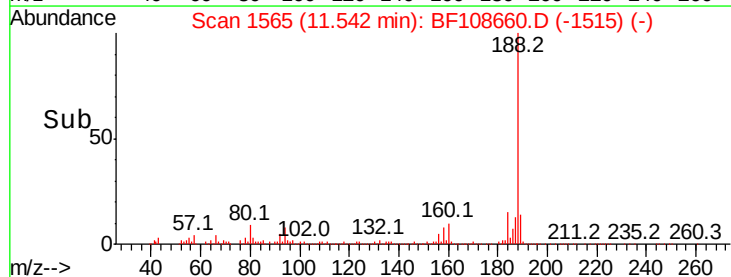
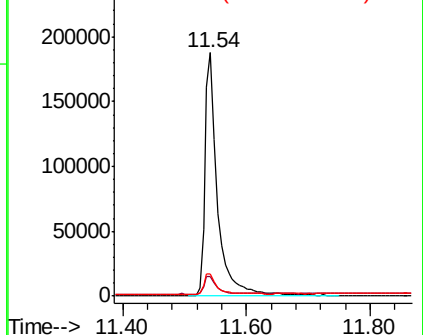
80 9.2 9.2 13.8#

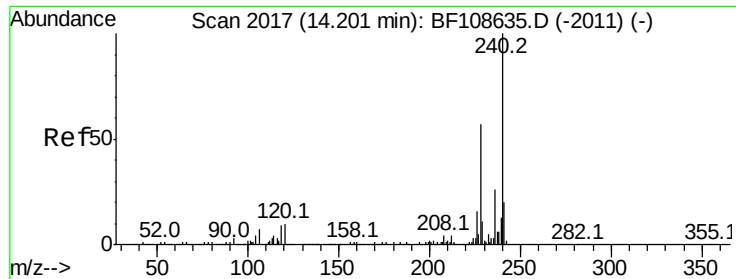


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108660.D

Acq: 31 Aug 2018 00:21

Instrument :

BNA_F

ClientSampleId :

CG-CONCRETE

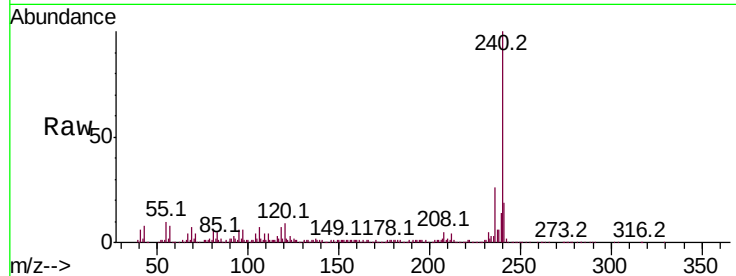
Tot Ion:240 Resp: 267456

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

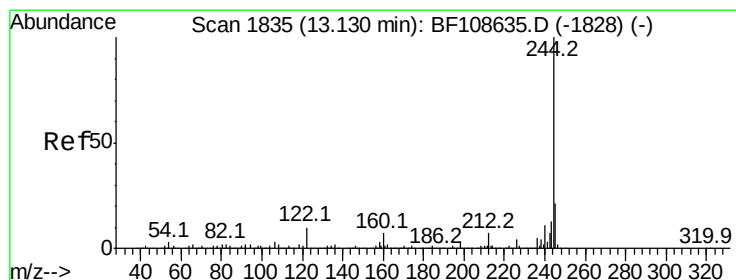
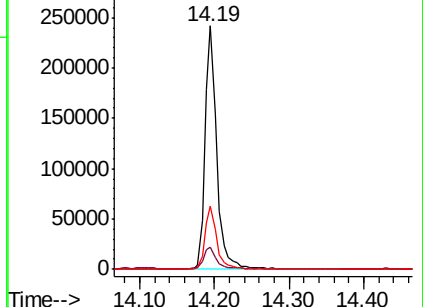
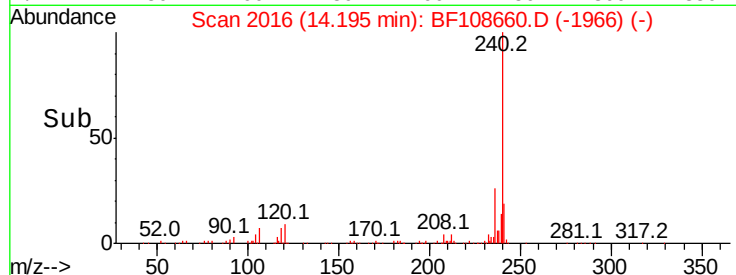
236 26.0 20.7 31.1



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: 35.430 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108660.D

Acq: 31 Aug 2018 00:21

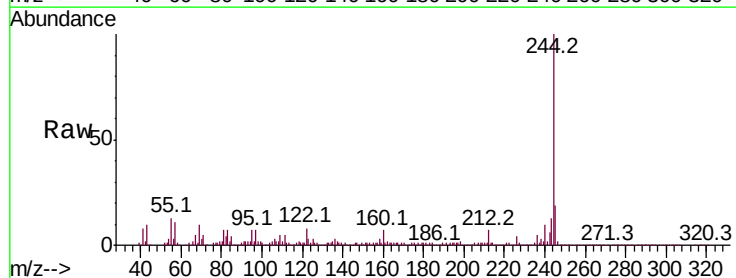
Tgt Ion:244 Resp: 487707

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

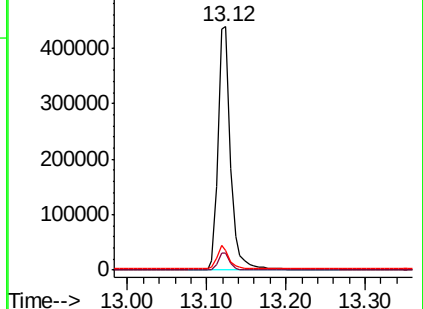
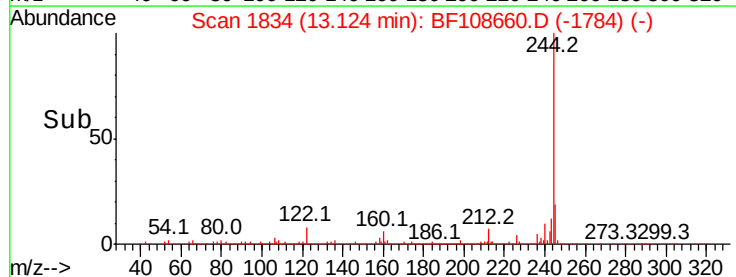
122 8.2 11.0 16.4#

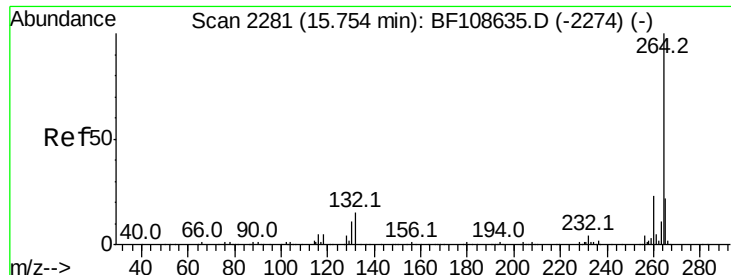


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

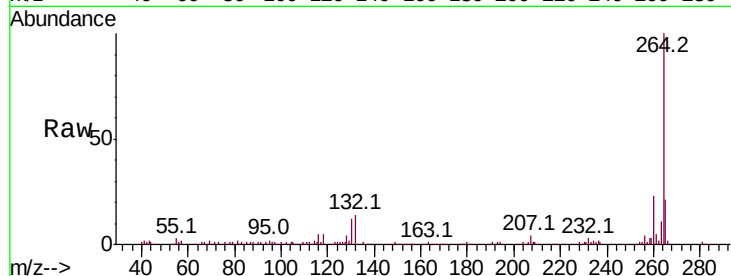




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108660.D
Acq: 31 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :
CG-CONCRETE

Tot Ion:	264	Resp:	228615
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3



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

