

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098393.D
 Acq On : 9 Sep 2017 18:39
 Operator : SJ/JU
 Sample : I5134-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CONCRETE-001

Quant Time: Sep 11 05:52:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

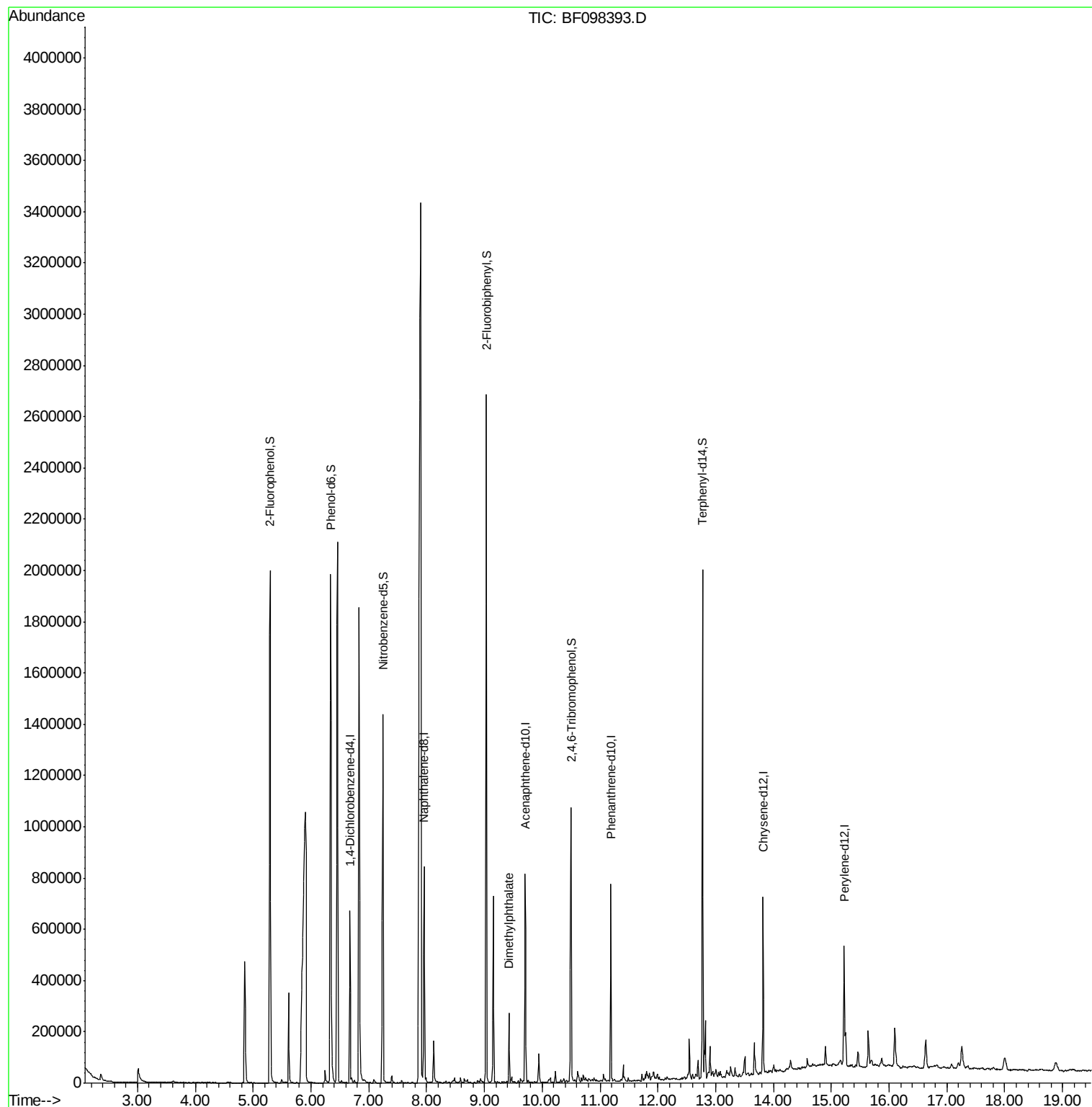
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	89800	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	349237	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	149471	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	254149	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	218523	20.00	ng	-0.04
86) Perylene-d12	15.22	264	192451	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	620768	105.15	ng	-0.01
7) Phenol-d6	6.34	99	915155	114.09	ng	-0.01
23) Nitrobenzene-d5	7.25	82	526323	81.87	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	136600	105.33	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	845031	83.06	ng	-0.04
78) Terphenyl-d14	12.77	244	603512	57.59	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.43	163	94254	8.627	ng	Qvalue 99

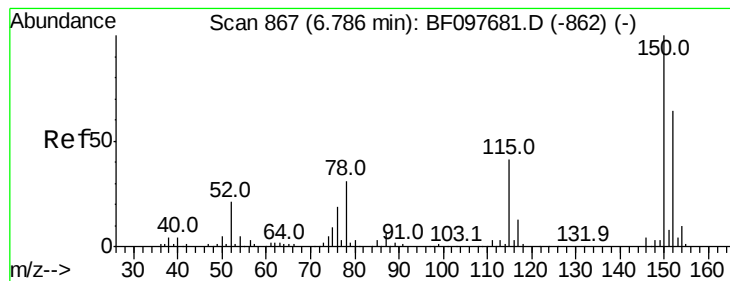
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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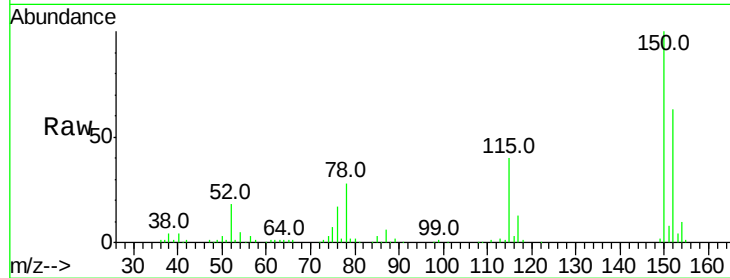


#1

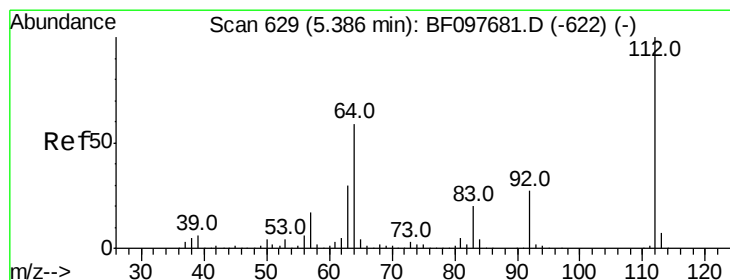
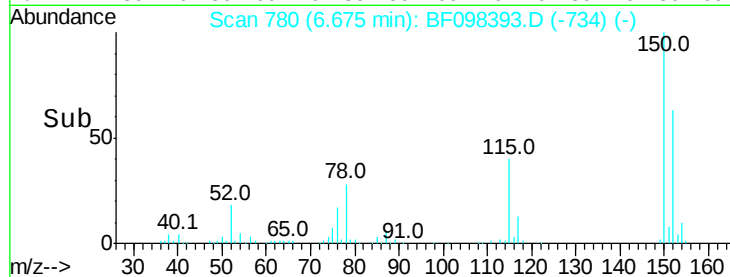
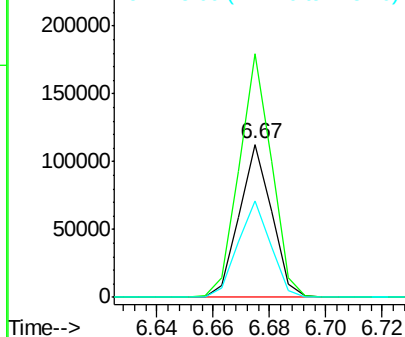
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF098393.D
 Acq: 9 Sep 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 WC-CONCRETE-001

Tot Ion:152 Resp: 89800
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.2 189.2
 115 63.2 52.2 78.2



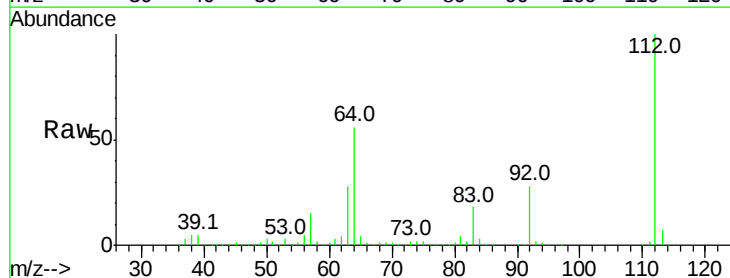
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



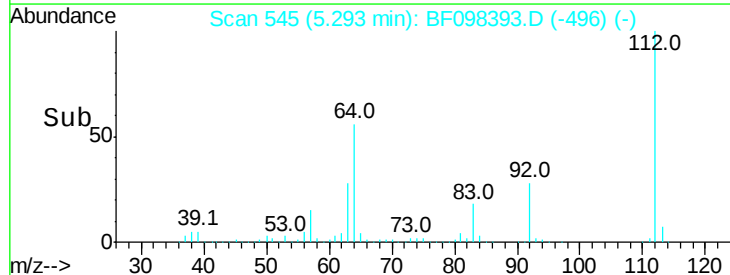
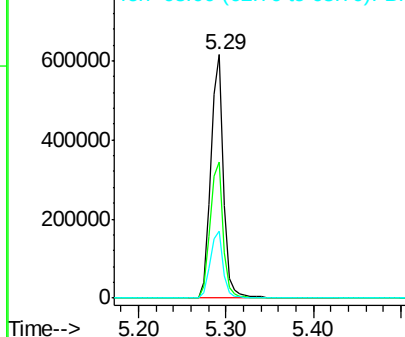
#5

2-Fluorophenol
 Concen: 105.149 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF098393.D
 Acq: 9 Sep 2017 18:39

Tgt Ion:112 Resp: 620768
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.0 69.0
 63 27.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.088 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098393.D

Acq: 9 Sep 2017 18:39

Instrument :

BNA_F

ClientSampleId :

WC-CONCRETE-001

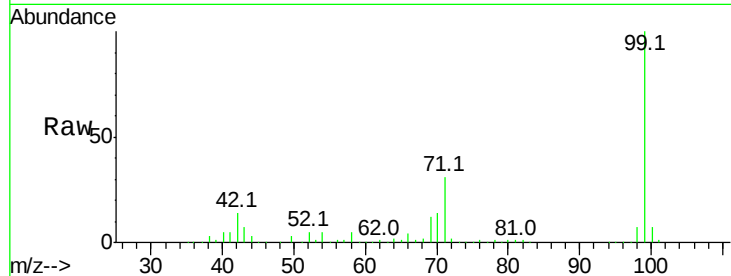
Tot Ion: 99 Resp: 915155

Ion Ratio Lower Upper

99 100

42 14.0 13.5 20.3

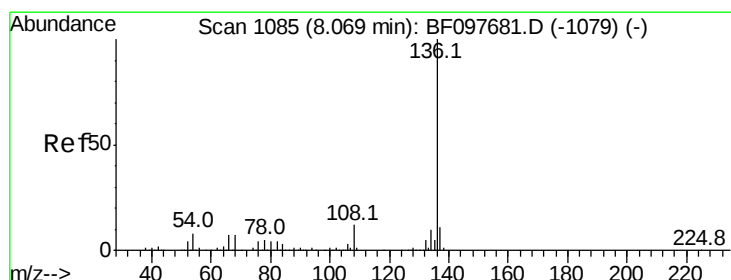
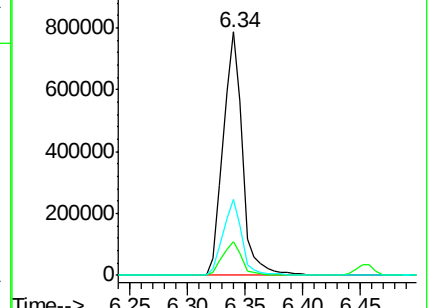
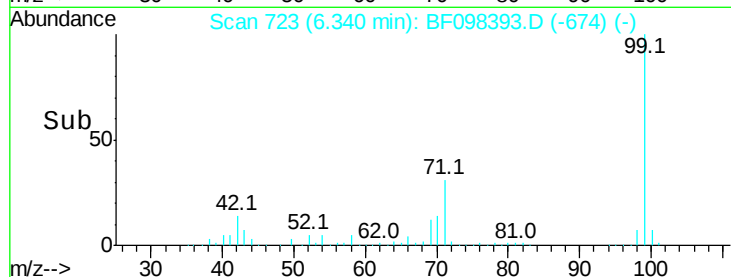
71 31.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.03 min

Lab File: BF098393.D

Acq: 9 Sep 2017 18:39

Tgt Ion: 136 Resp: 349237

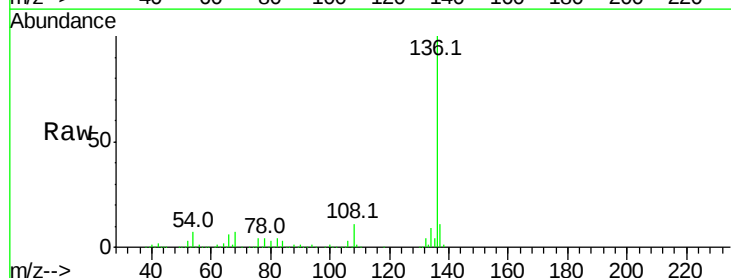
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3

68 7.4 4.1 6.1#

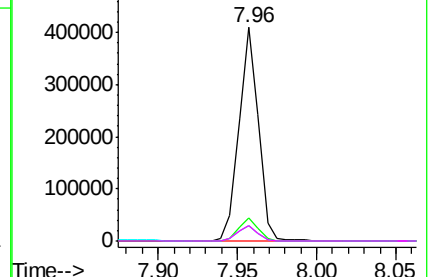
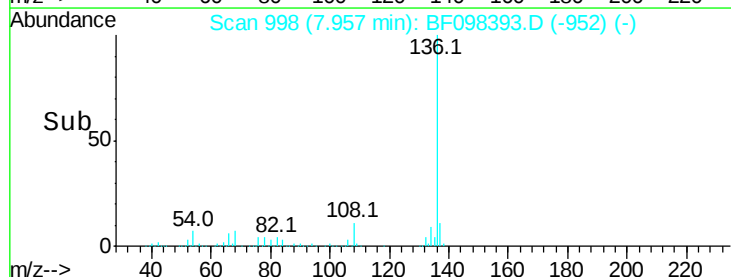


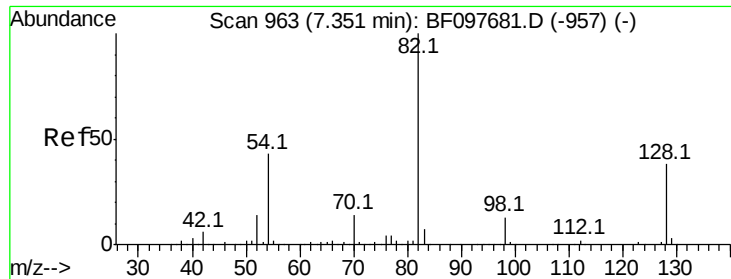
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 81.871 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.03 min

Lab File: BF098393.D

Acq: 9 Sep 2017 18:39

Instrument :

BNA_F

ClientSampleId :

WC-CONCRETE-001

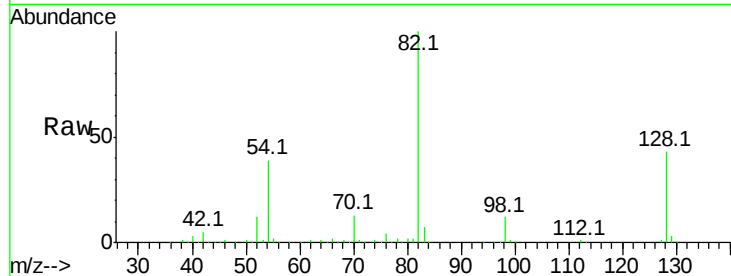
Tot Ion: 82 Resp: 526323

Ion Ratio Lower Upper

82 100

128 42.6 34.0 51.0

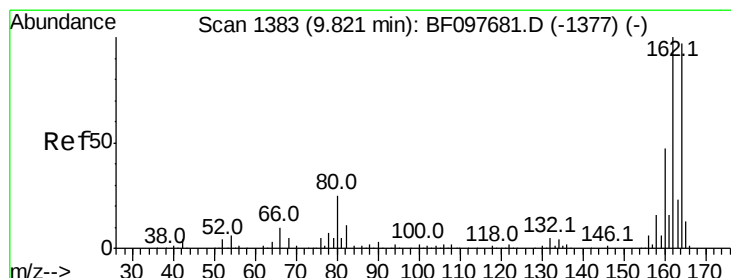
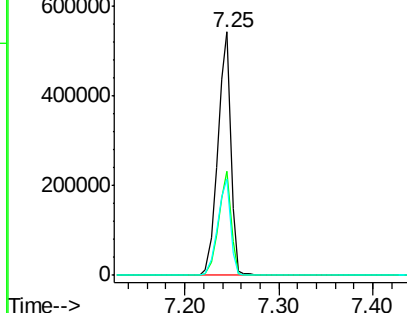
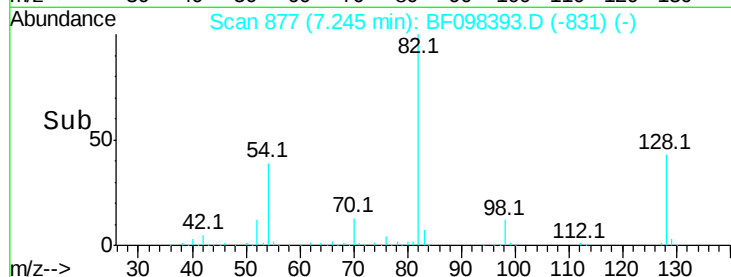
54 39.4 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.04 min

Lab File: BF098393.D

Acq: 9 Sep 2017 18:39

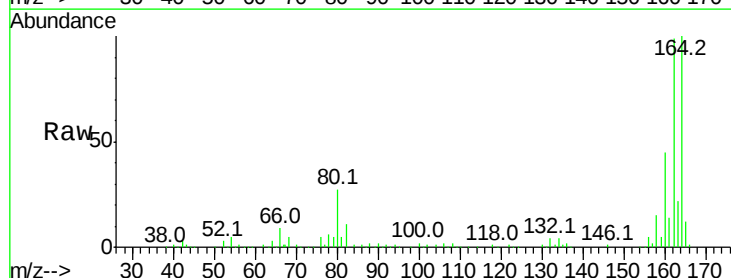
Tgt Ion:164 Resp: 149471

Ion Ratio Lower Upper

164 100

162 99.0 82.6 123.8

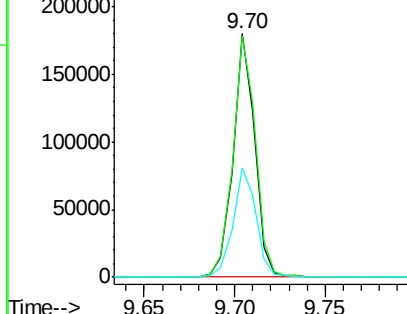
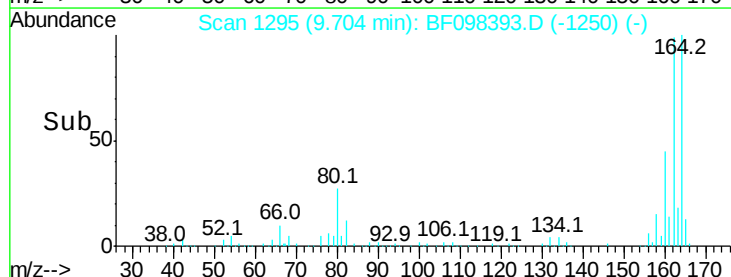
160 44.6 36.2 54.2

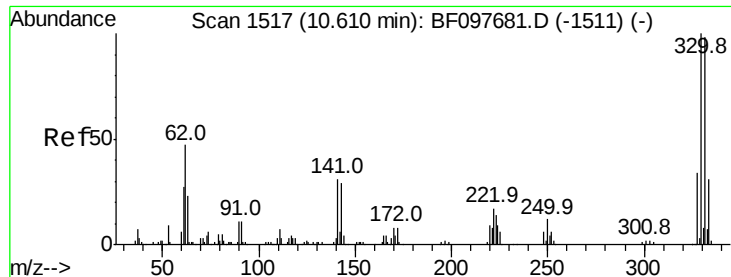


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

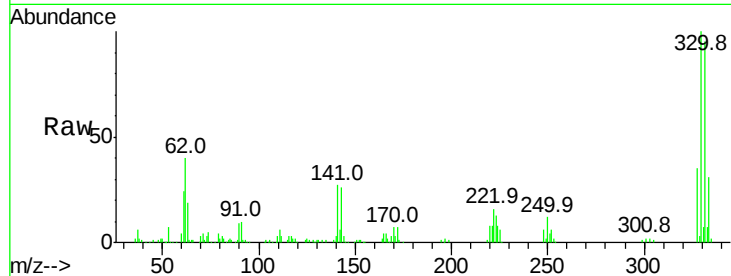




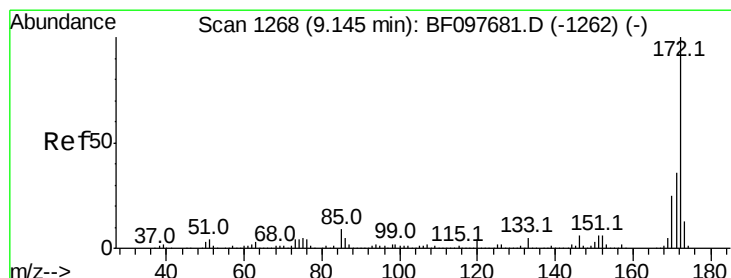
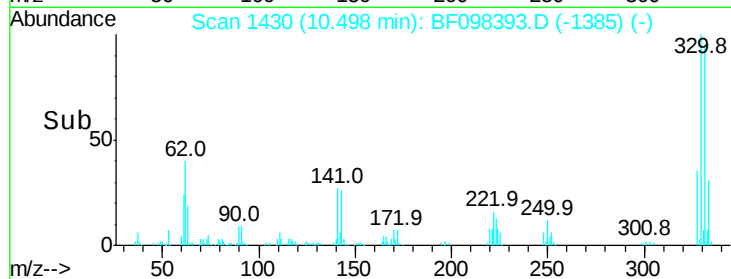
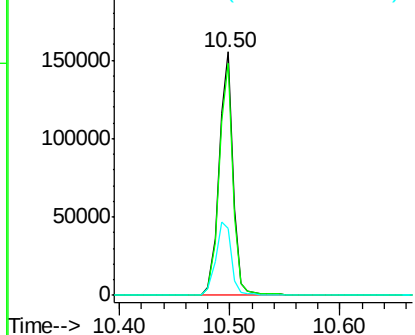
#41
 2,4,6-Tribromophenol
 Concen: 105.328 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.04 min
 Lab File: BF098393.D
 Acq: 9 Sep 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :
 WC-CONCRETE-001

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	33.8	31.4	47.2

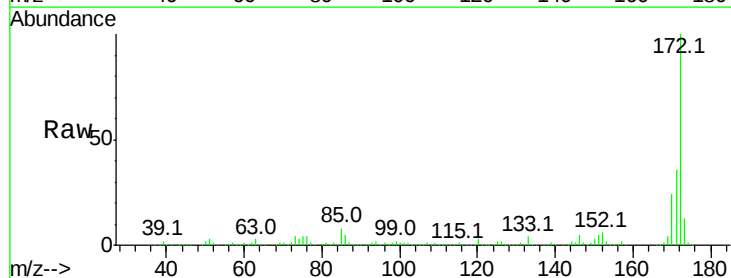


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

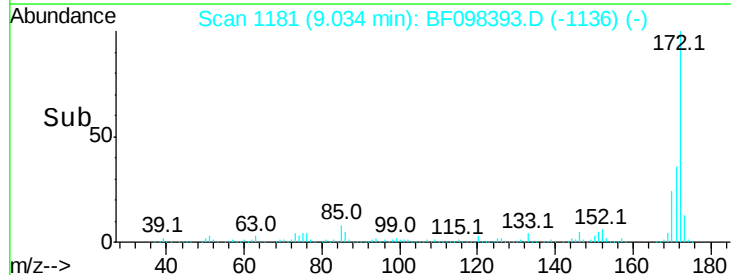
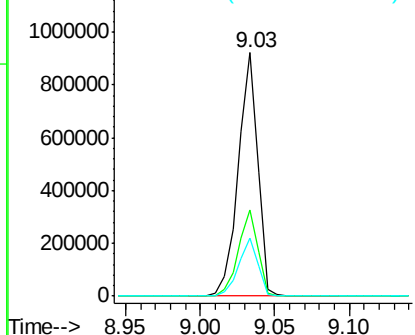


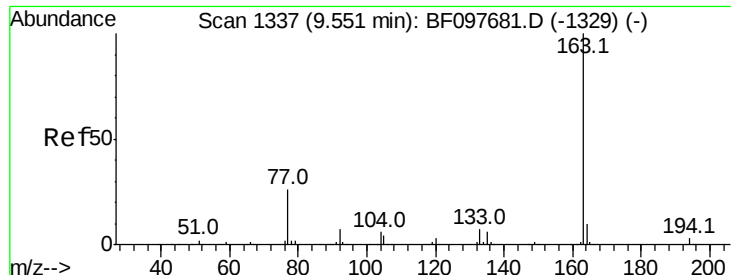
#44
 2-Fluorobiphenyl
 Concen: 83.061 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BF098393.D
 Acq: 9 Sep 2017 18:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.9	19.8	29.8



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

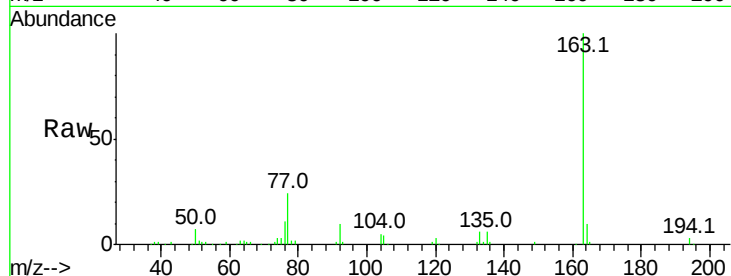




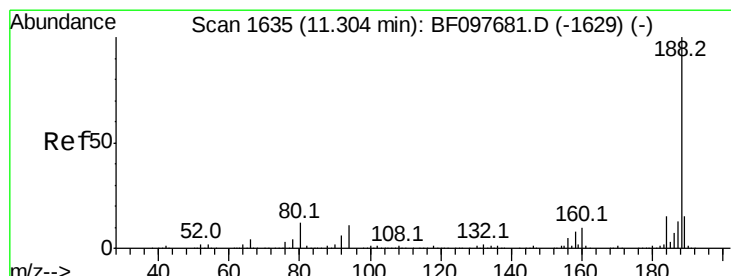
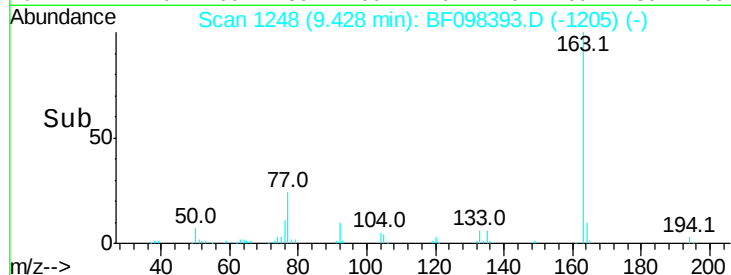
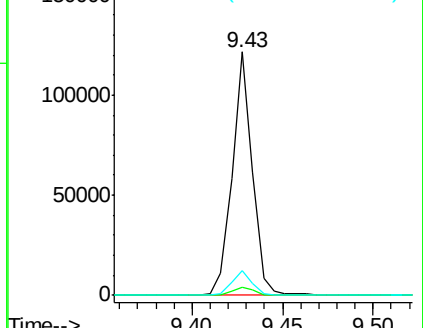
#49
Dimethylphthalate
Concen: 8.627 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :
WC-CONCRETE-001

Tot Ion:163 Resp: 94254
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.4 12.6

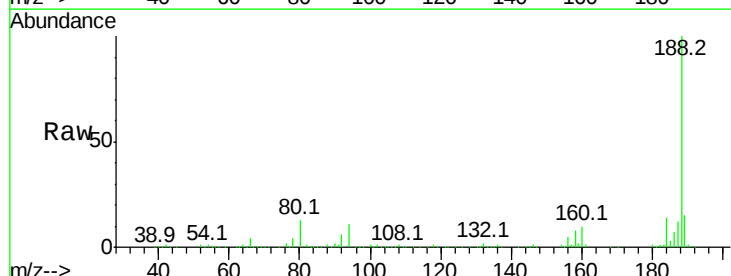


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

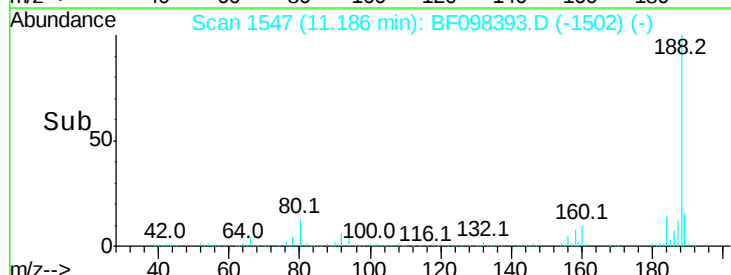
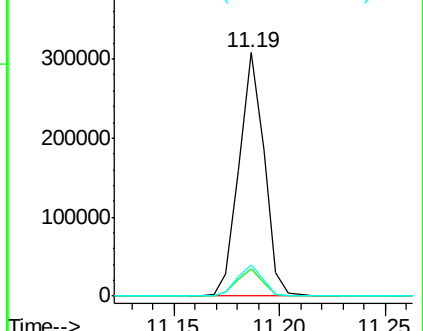


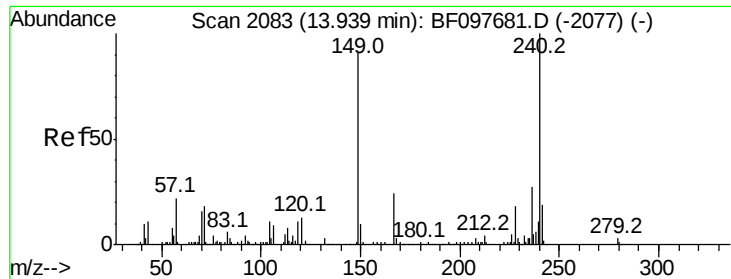
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.04 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion:188 Resp: 254149
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.6 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.04 min

Lab File: BF098393.D

Acq: 9 Sep 2017 18:39

Instrument :

BNA_F

ClientSampleId :

WC-CONCRETE-001

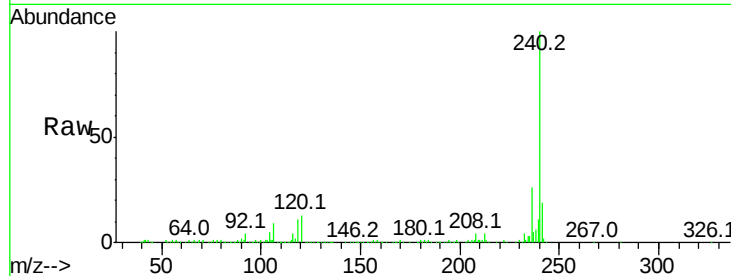
Tot Ion:240 Resp: 218523

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

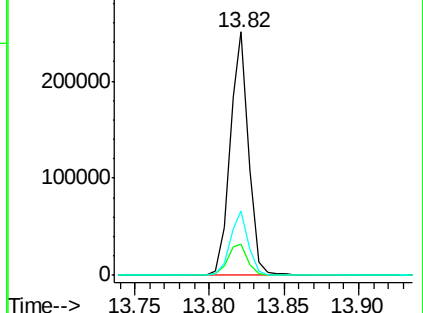
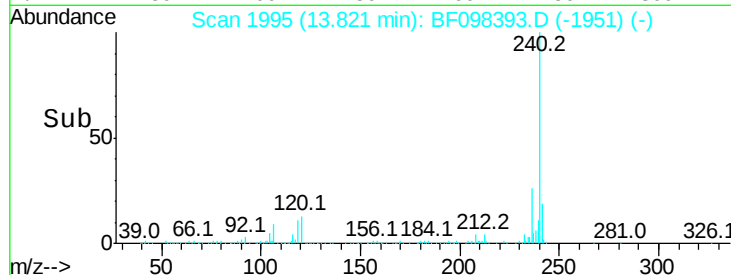
236 26.2 20.5 30.7



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: 57.592 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.04 min

Lab File: BF098393.D

Acq: 9 Sep 2017 18:39

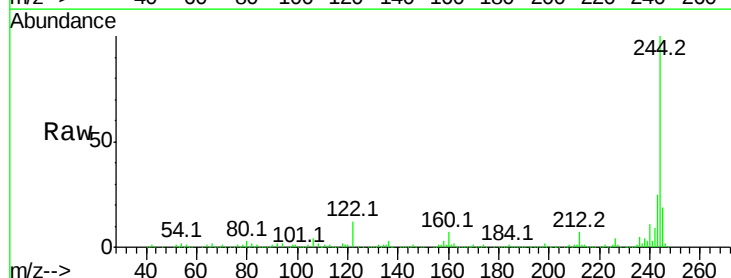
Tgt Ion:244 Resp: 603512

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

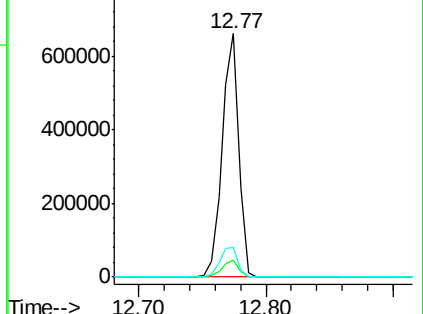
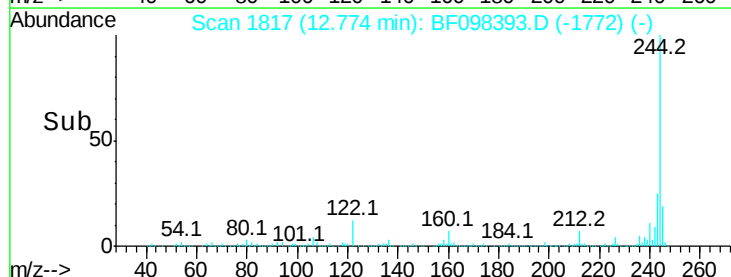
122 12.1 10.3 15.5

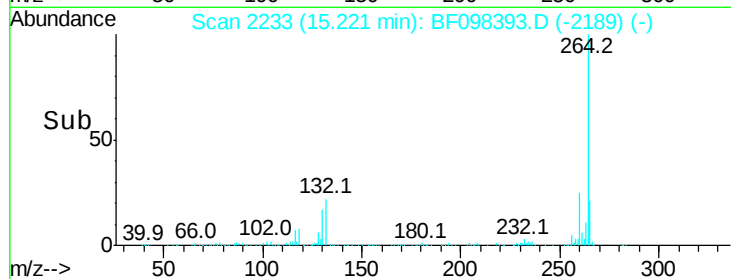
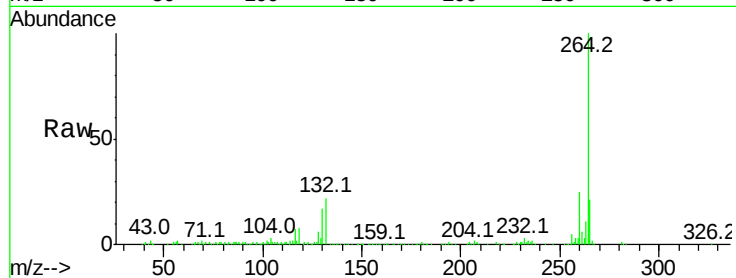
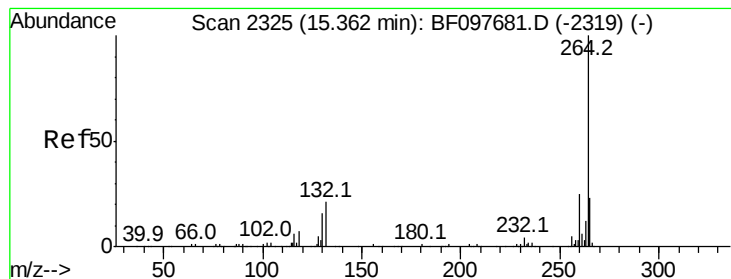


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.22 min Scan# 2233

Delta R.T. -0.04 min

Lab File: BF098393.D

Acq: 9 Sep 2017 18:39

Instrument :

BNA_F

ClientSampleId :

WC-CONCRETE-001

Tot Ion:264 Resp: 192451

Ion Ratio Lower Upper

264 100

260 25.4 19.5 29.3

265 20.7 17.2 25.8

