

Data Path : Z:\HPCHEM1\BNA F\Data\BF040617\
 Data File : BF094223.D
 Acq On : 6 Apr 2017 12:53
 Operator : SJ/MA
 Sample : I2511-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-SW

Quant Time: Apr 06 13:47:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

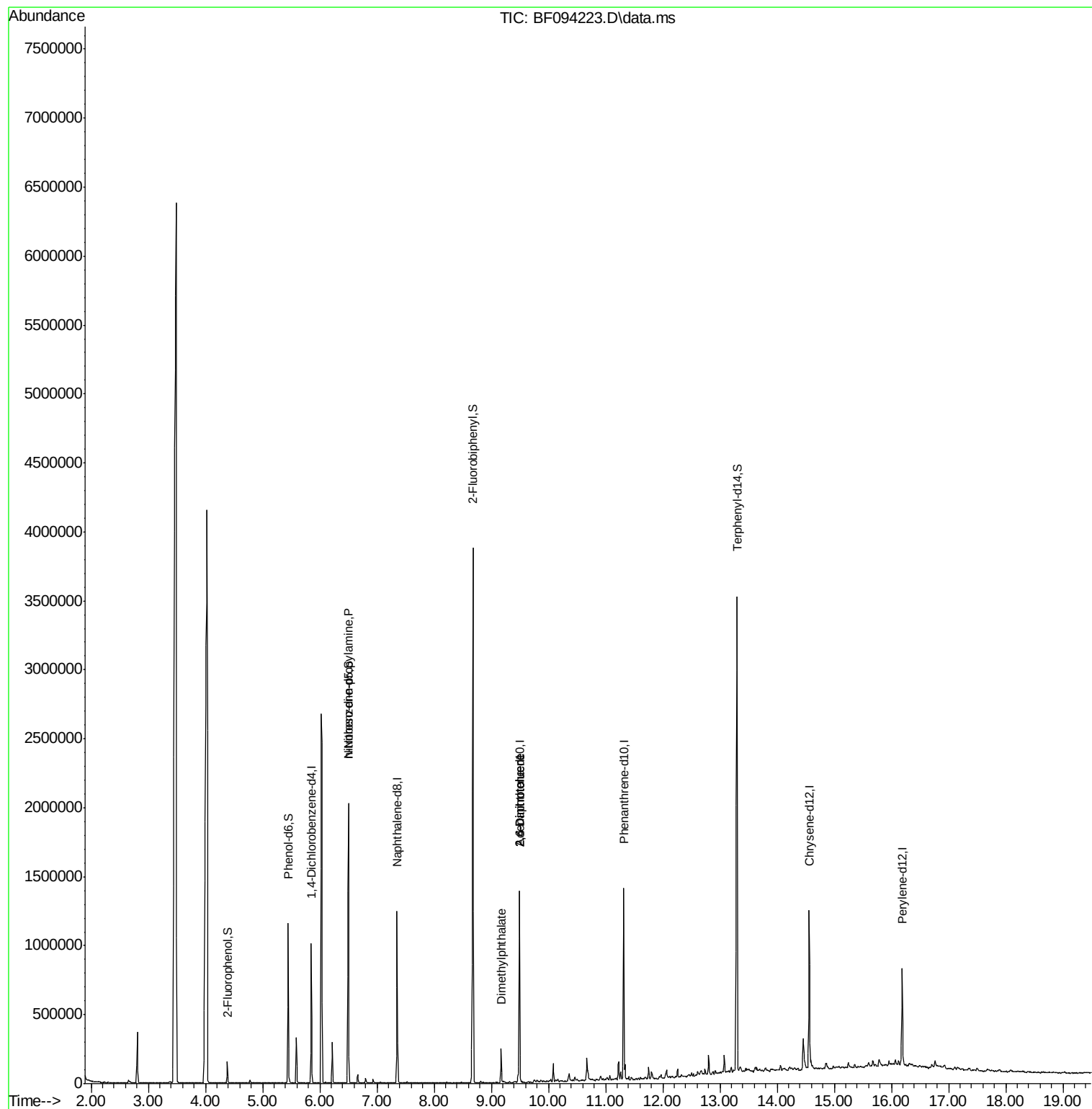
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.851	152	159595	20.00	ng	-0.05
21) Naphthalene-d8	7.351	136	640788	20.00	ng	-0.06
38) Acenaphthene-d10	9.492	164	300363	20.00	ng	-0.06
63) Phenanthrene-d10	11.316	188	538359	20.00	ng	-0.06
75) Chrysene-d12	14.563	240	419245	20.00	ng	-0.06
86) Perylene-d12	16.192	264	289584	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.381	112	45865	4.85	ng	-0.05
7) Phenol-d6	5.445	99	427093	36.54	ng	-0.06
23) Nitrobenzene-d5	6.498	82	798896	71.15	ng	-0.06
41) 2,4,6-Tribromophenol	10.463	330	491	0.21	ng	-0.06
44) 2-Fluorobiphenyl	8.681	172	1477131	75.01	ng	-0.05
78) Terphenyl-d14	13.298	244	1291191	69.03	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propyla...	6.498	70	101965	13.57	ng	# 79
49) Dimethylphthalate	9.175	163	119355	5.59	ng	97
50) 2,6-Dinitrotoluene	9.492	165	39836	8.14	ng	# 34
56) 2,4-Dinitrotoluene	9.492	165	39837	6.48	ng	# 33

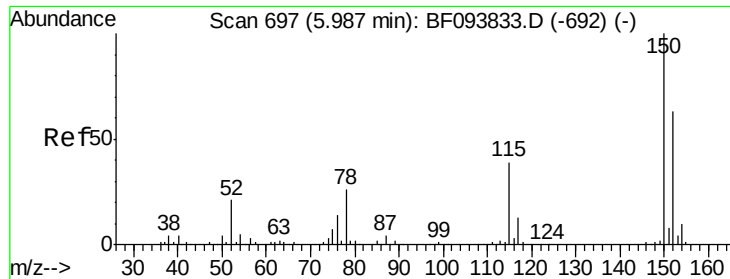
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.851 min Scan# 67

Delta R.T. -0.053 min

Lab File: BF094223.D

Acq: 6 Apr 2017 12:53

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-SW

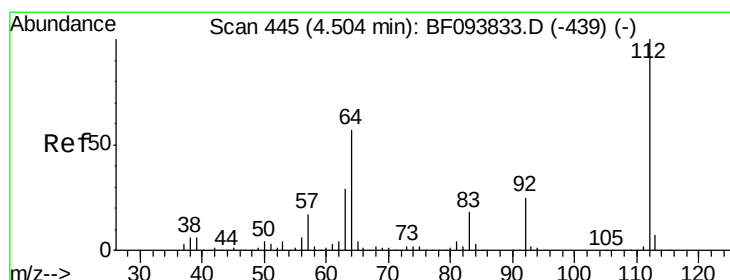
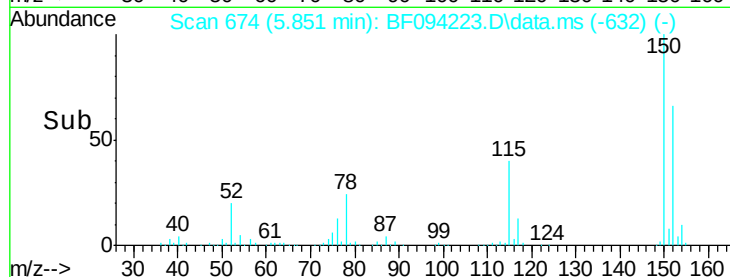
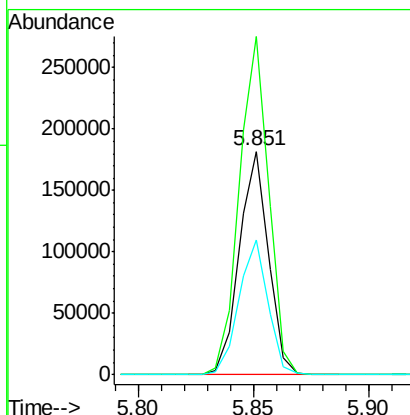
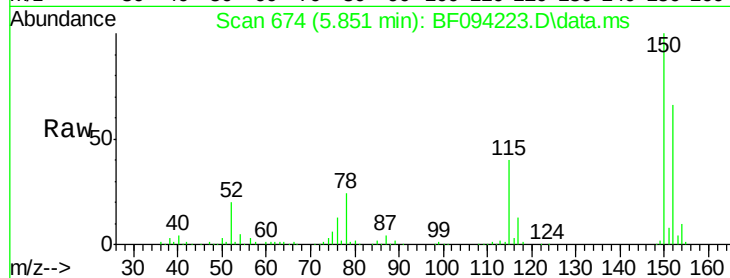
Tot Ion:152 Resp: 159595

Ion Ratio Lower Upper

152 100

150 151.2 126.2 189.2

115 59.9 52.2 78.2



#5

2-Fluorophenol

Concen: 4.85 ng

RT: 4.381 min Scan# 424

Delta R.T. -0.053 min

Lab File: BF094223.D

Acq: 6 Apr 2017 12:53

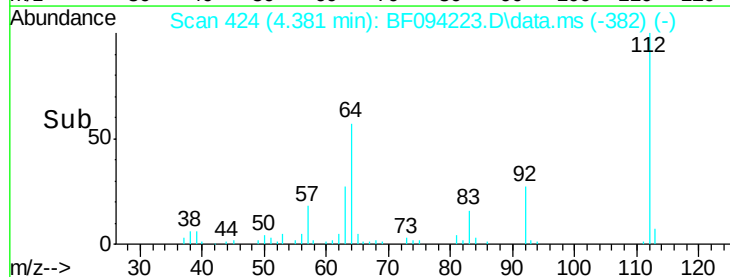
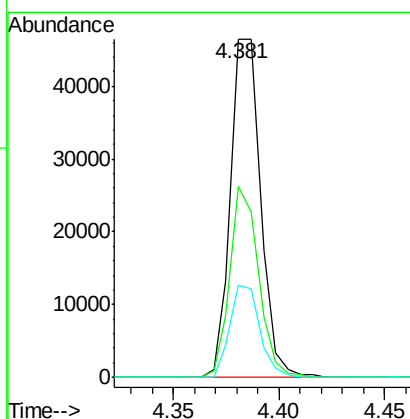
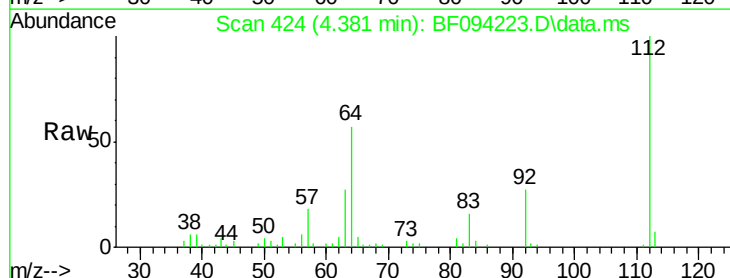
Tgt Ion:112 Resp: 45865

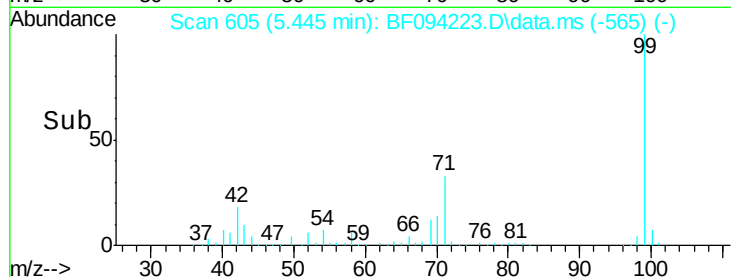
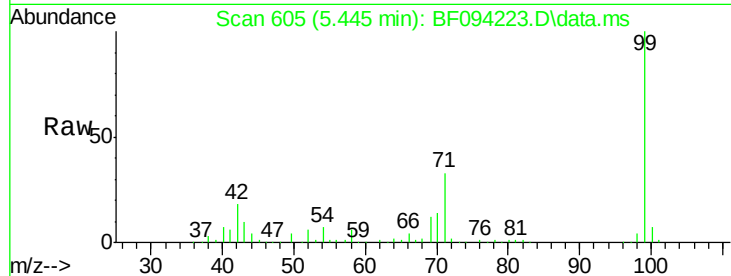
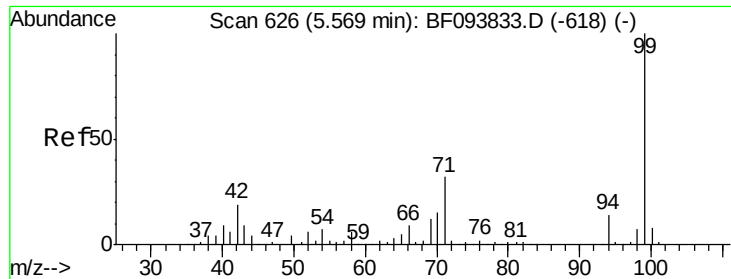
Ion Ratio Lower Upper

112 100

64 56.6 46.0 69.0

63 27.5 23.4 35.0





#7

Phenol-d6

Concen: 36.54 ng

RT: 5.445 min Scan# 60

Delta R.T. -0.065 min

Lab File: BF094223.D

Acq: 6 Apr 2017 12:53

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-SW

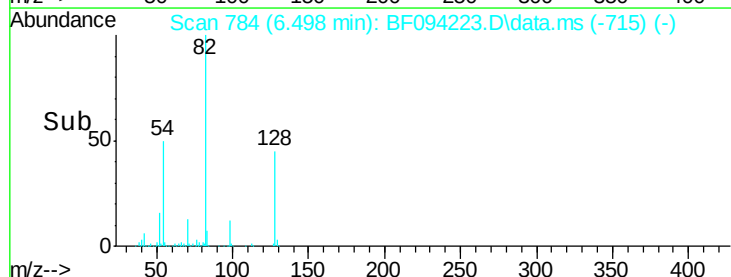
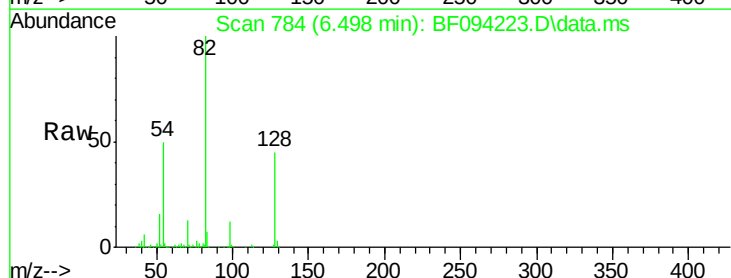
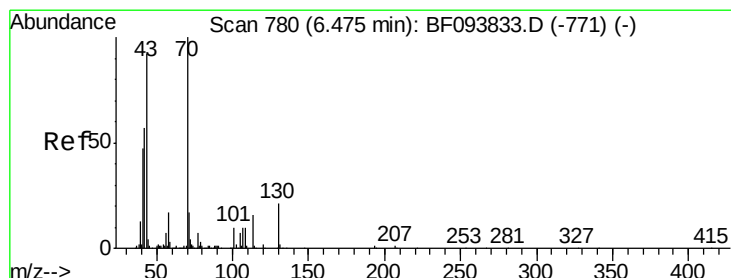
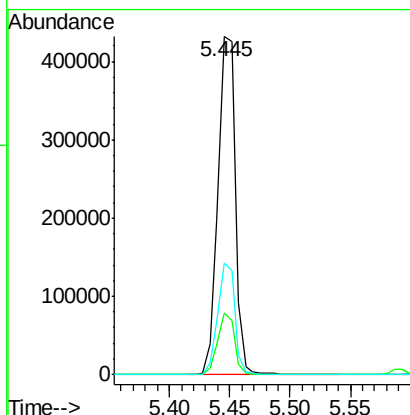
Tot Ion: 99 Resp: 427093

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

71 32.9 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.57 ng

RT: 6.498 min Scan# 784

Delta R.T. 0.106 min

Lab File: BF094223.D

Acq: 6 Apr 2017 12:53

Tgt Ion: 70 Resp: 101965

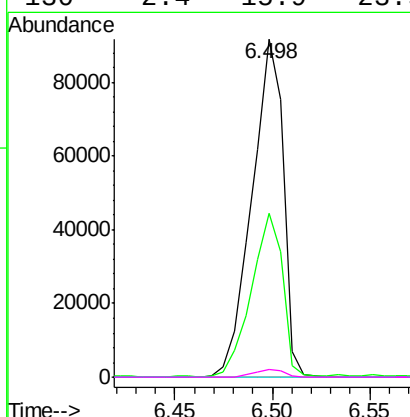
Ion Ratio Lower Upper

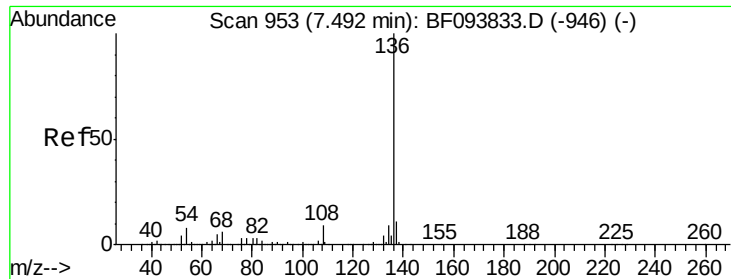
70 100

42 48.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

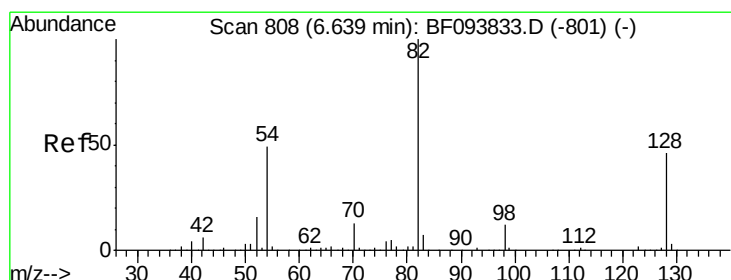
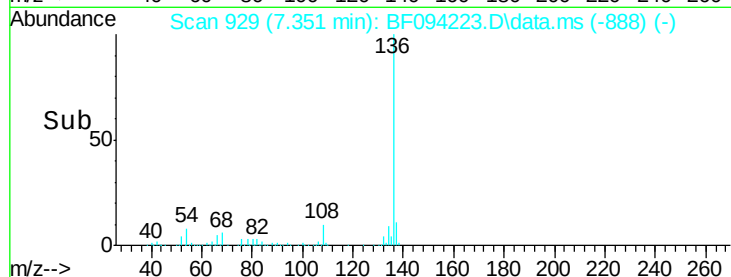
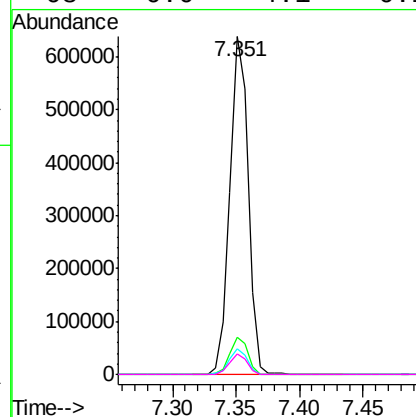
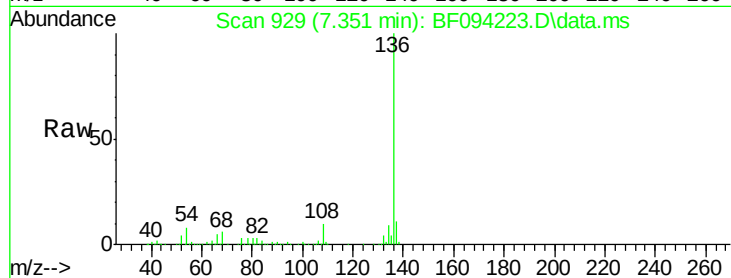




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.351 min Scan# 92
Delta R.T. -0.059 min
Lab File: BF094223.D
Acq: 6 Apr 2017 12:53

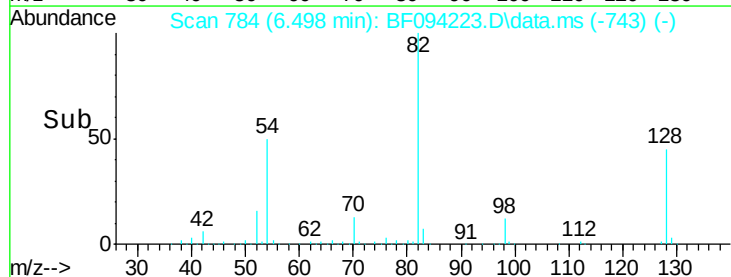
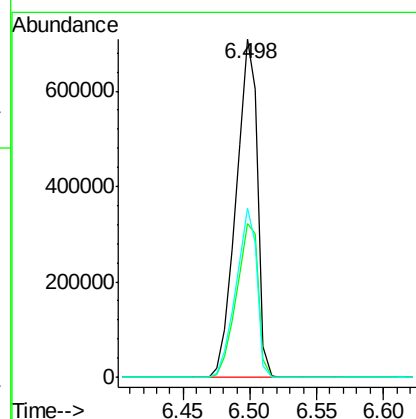
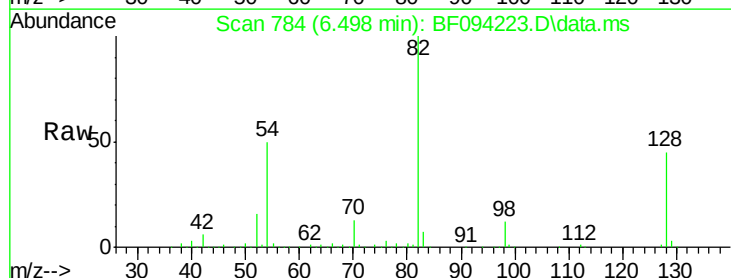
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SW

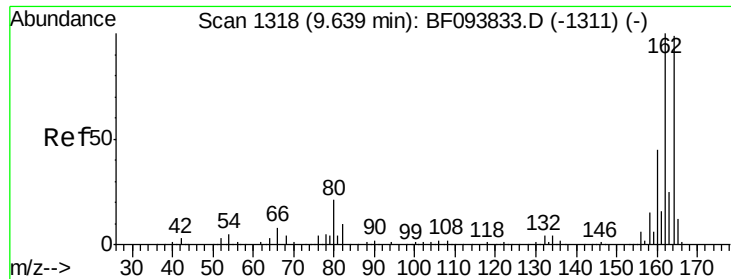
Tot Ion:	136	Resp:	640788
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.6	4.9	7.3#
68	6.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 71.15 ng
RT: 6.498 min Scan# 784
Delta R.T. -0.059 min
Lab File: BF094223.D
Acq: 6 Apr 2017 12:53

Tgt Ion:	82	Resp:	798896
Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.0	51.0
54	50.1	42.2	63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.492 min Scan# 12

Delta R.T. -0.059 min

Lab File: BF094223.D

Acq: 6 Apr 2017 12:53

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-SW

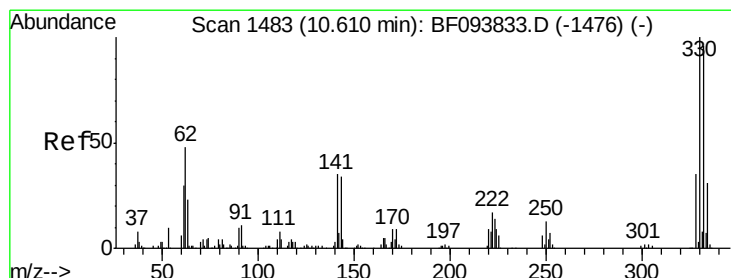
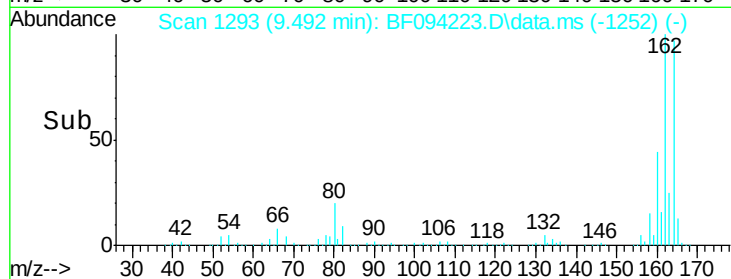
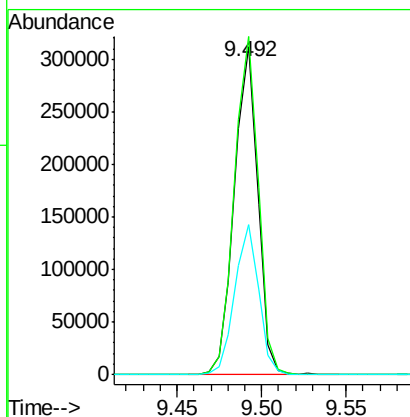
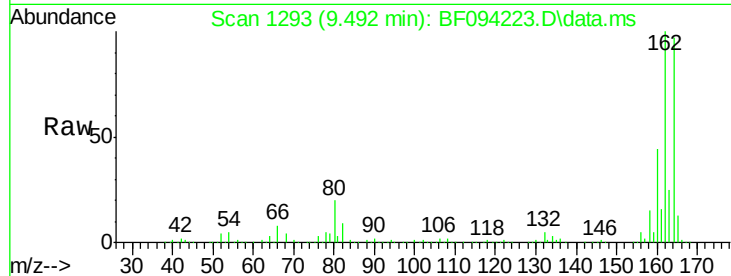
Tot Ion:164 Resp: 300363

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

160 45.5 36.2 54.2



#41

2,4,6-Tribromophenol

Concen: 0.21 ng

RT: 10.463 min Scan# 1458

Delta R.T. -0.059 min

Lab File: BF094223.D

Acq: 6 Apr 2017 12:53

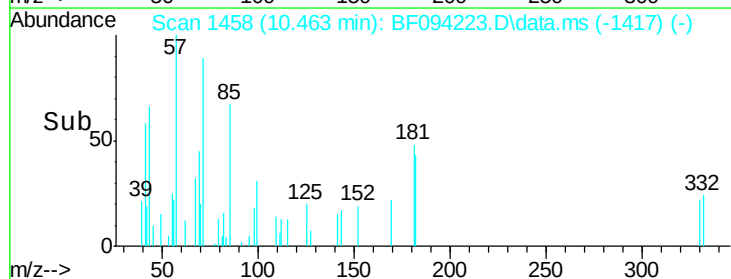
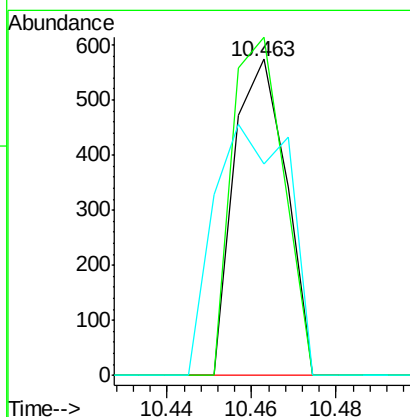
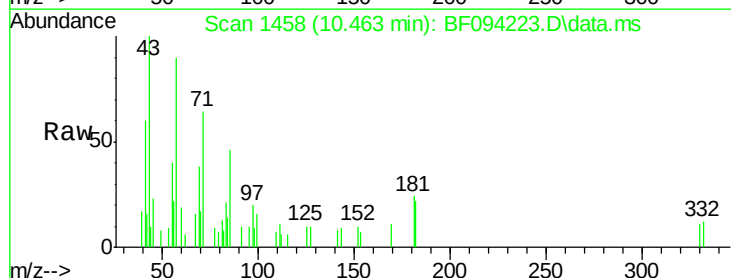
Tgt Ion:330 Resp: 491

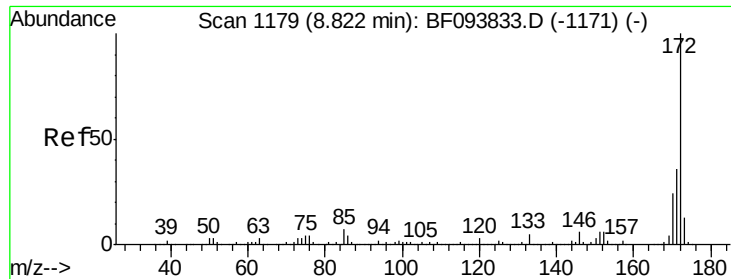
Ion Ratio Lower Upper

330 100

332 106.5 76.6 115.0

141 114.9 31.4 47.2#

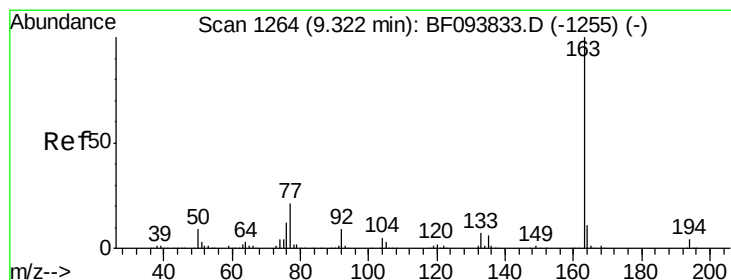
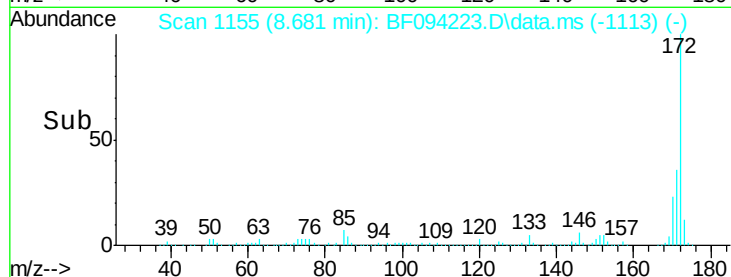
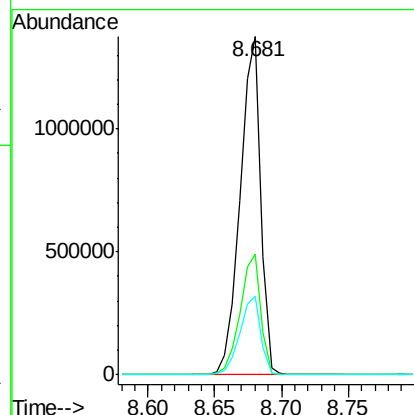
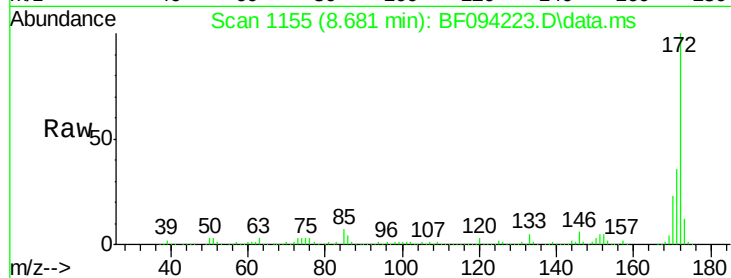




#44
2-Fluorobiphenyl
Concen: 75.01 ng
RT: 8.681 min Scan# 1179
Delta R.T. -0.053 min
Lab File: BF094223.D
Acq: 6 Apr 2017 12:53

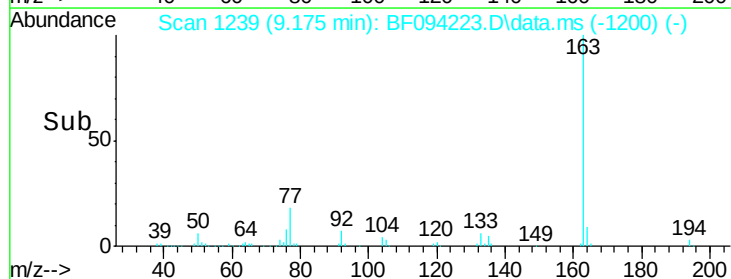
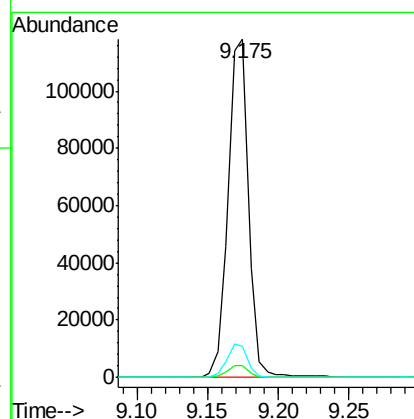
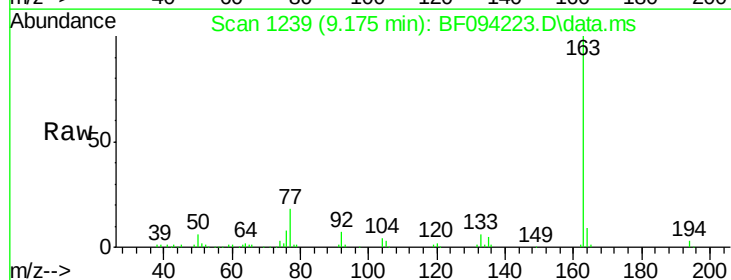
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SW

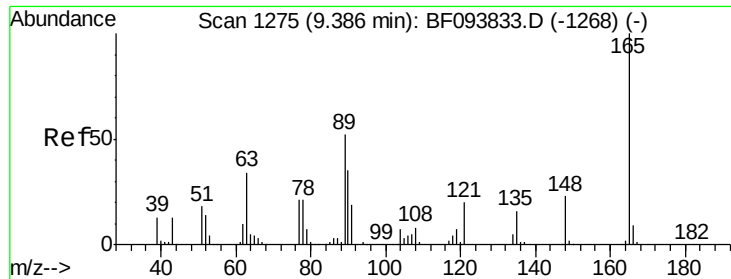
Tot Ion:172 Resp: 1477131
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.1 19.8 29.8



#49
Dimethylphthalate
Concen: 5.59 ng
RT: 9.175 min Scan# 1239
Delta R.T. -0.071 min
Lab File: BF094223.D
Acq: 6 Apr 2017 12:53

Tgt Ion:163 Resp: 119355
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.2 8.4 12.6

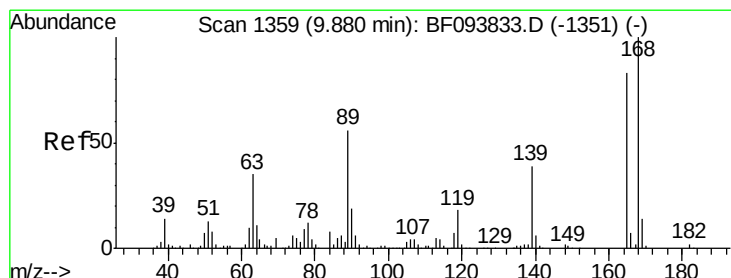
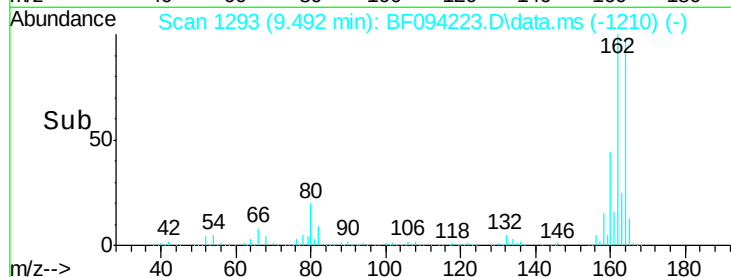
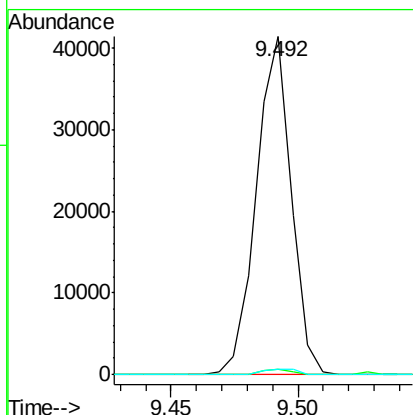
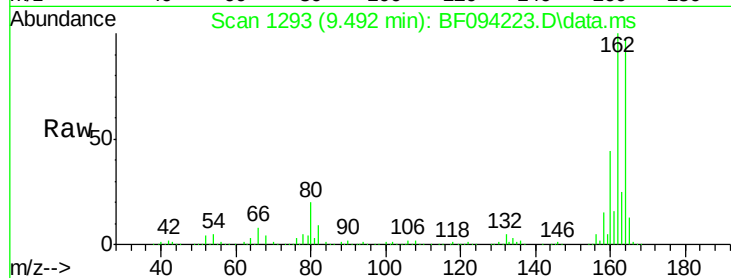




#50
 2,6-Dinitrotoluene
 Concen: 8.14 ng
 RT: 9.492 min Scan# 1275
 Delta R.T. 0.188 min
 Lab File: BF094223.D
 Acq: 6 Apr 2017 12:53

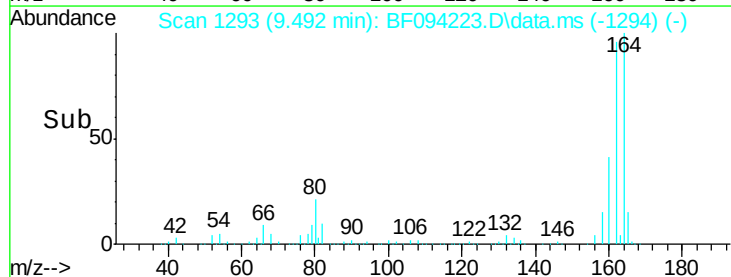
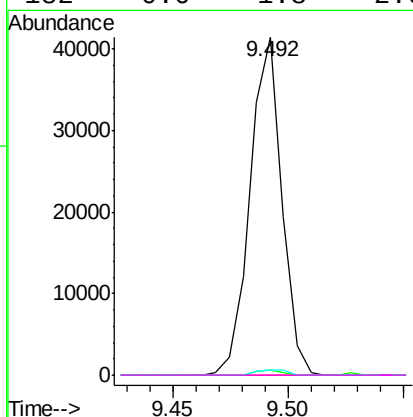
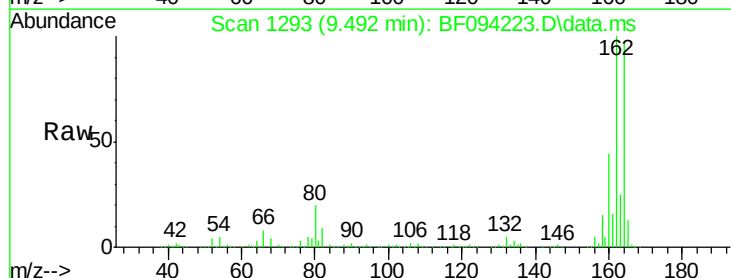
Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-SW

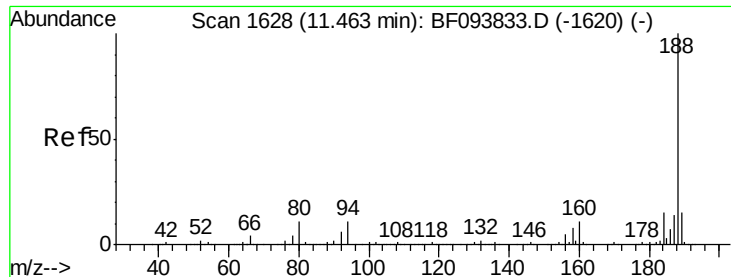
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.6	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.48 ng
 RT: 9.492 min Scan# 1293
 Delta R.T. -0.306 min
 Lab File: BF094223.D
 Acq: 6 Apr 2017 12:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

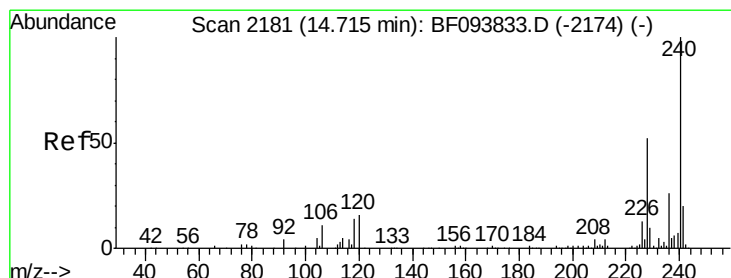
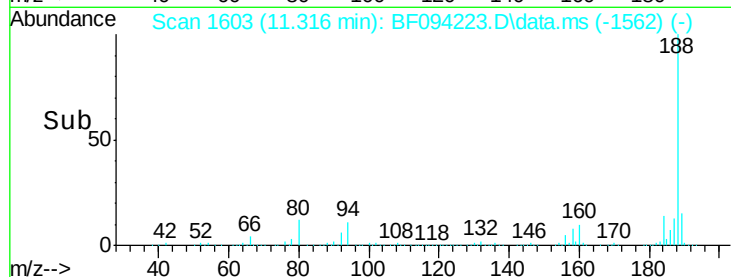
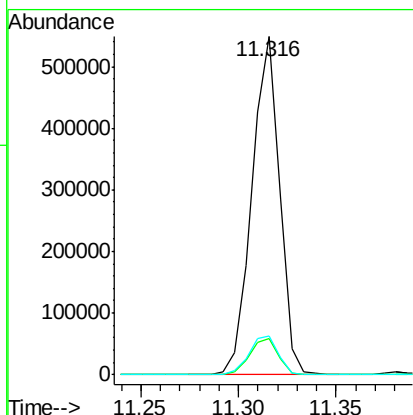
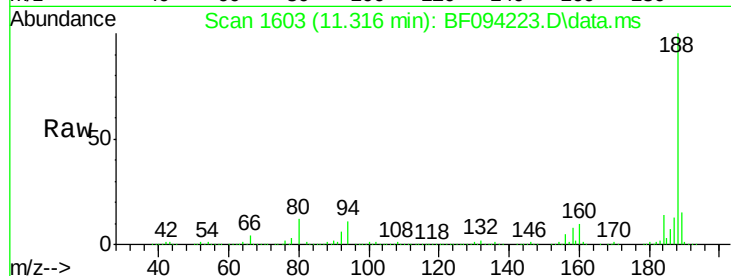




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 16
Delta R.T. -0.059 min
Lab File: BF094223.D
Acq: 6 Apr 2017 12:53

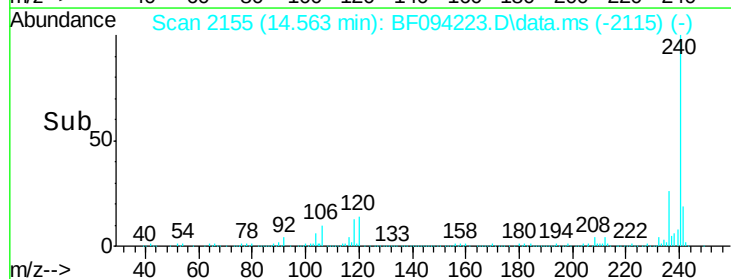
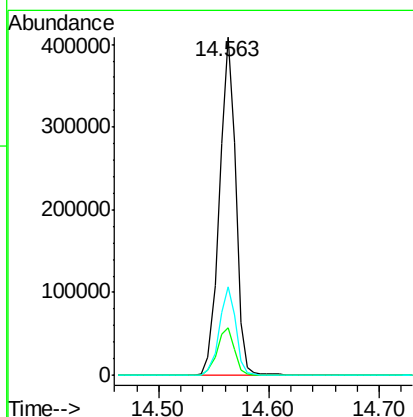
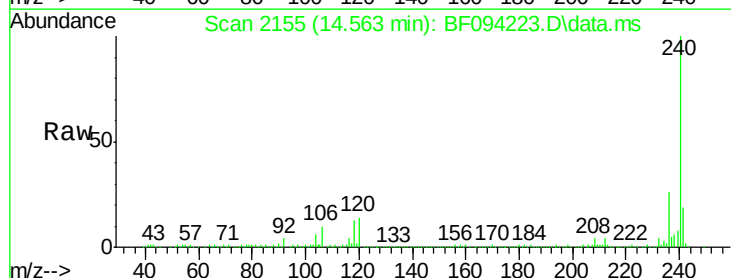
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-SW

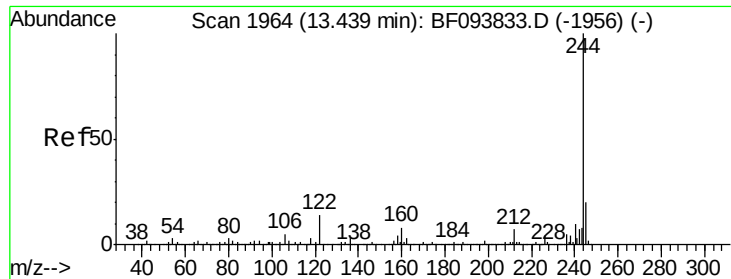
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.6	10.2	15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.563 min Scan# 2155
Delta R.T. -0.065 min
Lab File: BF094223.D
Acq: 6 Apr 2017 12:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	26.2	20.5	30.7





#78

Terphenyl-d14

Concen: 69.03 ng

RT: 13.298 min Scan# 19

Delta R.T. -0.053 min

Lab File: BF094223.D

Acq: 6 Apr 2017 12:53

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-SW

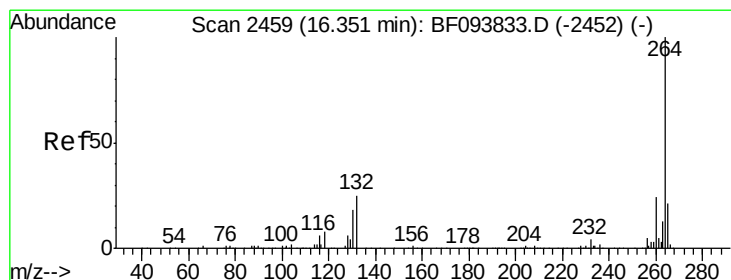
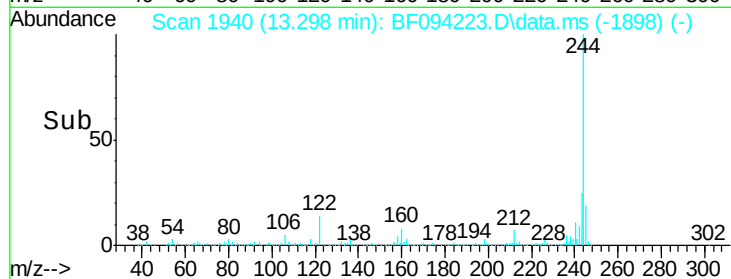
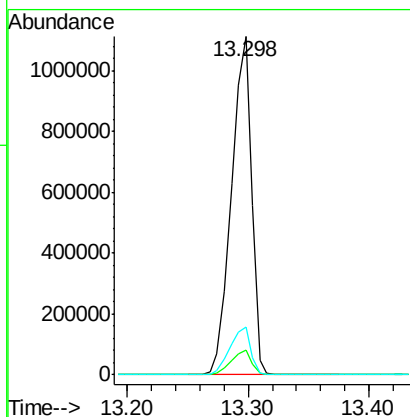
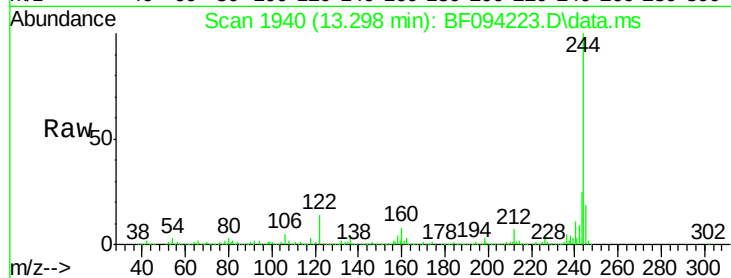
Tot Ion:244 Resp: 1291191

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 13.9 10.3 15.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.192 min Scan# 2432

Delta R.T. -0.059 min

Lab File: BF094223.D

Acq: 6 Apr 2017 12:53

Tgt Ion:264 Resp: 289584

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.0 17.2 25.8

