

Data Path : Z:\HPCHEM1\BNA F\Data\BF040617\
 Data File : BF094232.D
 Acq On : 6 Apr 2017 17:03
 Operator : SJ/MA
 Sample : I2538-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCUST-ST-CONCRETE

Quant Time: Apr 06 17:32:07 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

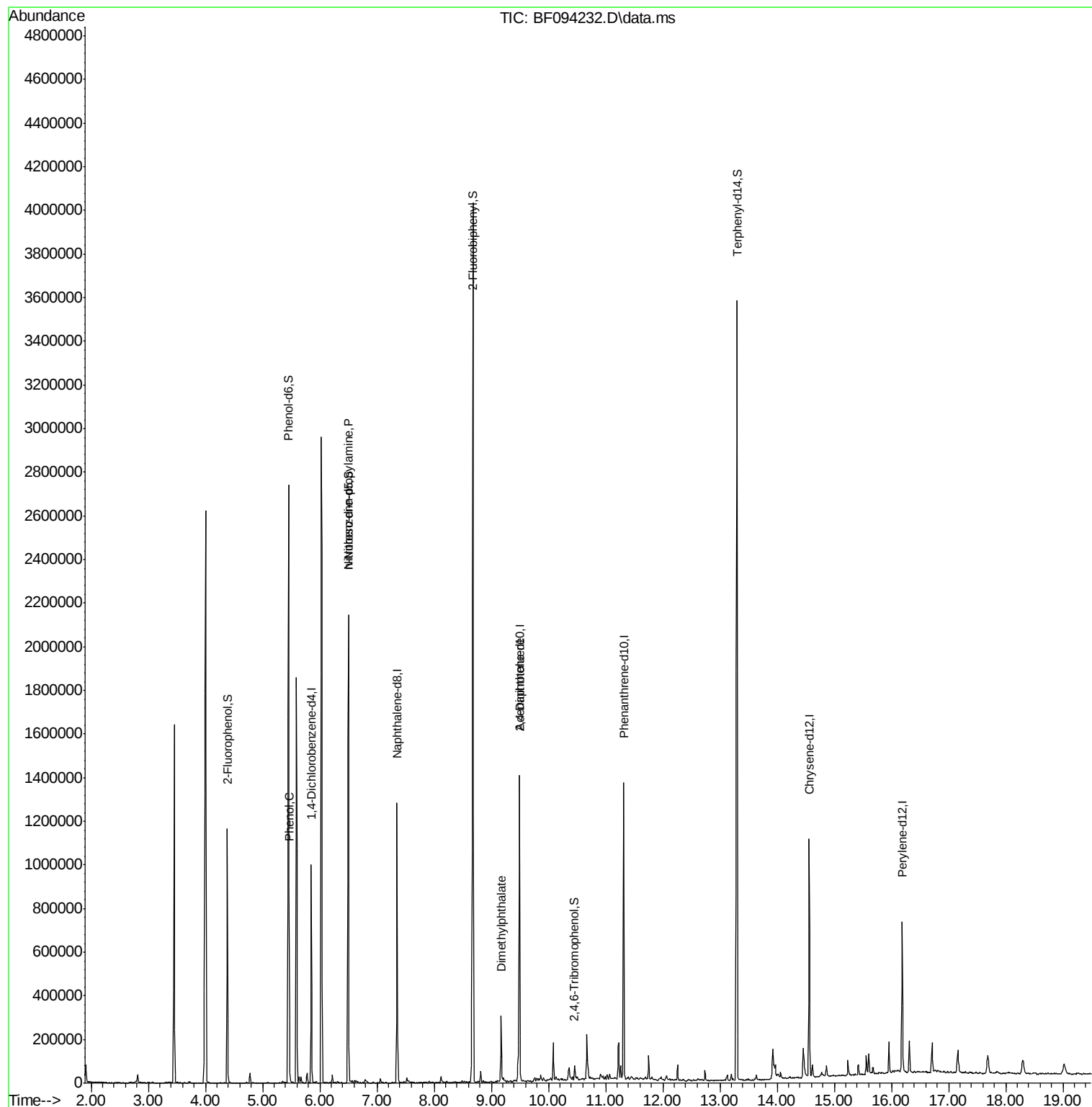
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.851	152	161063	20.00	ng	-0.05
21) Naphthalene-d8	7.351	136	656311	20.00	ng	-0.06
38) Acenaphthene-d10	9.492	164	304533	20.00	ng	-0.06
63) Phenanthrene-d10	11.316	188	545855	20.00	ng	-0.06
75) Chrysene-d12	14.563	240	407189	20.00	ng	-0.06
86) Perylene-d12	16.186	264	277838	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.381	112	339519	35.60	ng	-0.05
7) Phenol-d6	5.457	99	1132382	95.99	ng	-0.05
23) Nitrobenzene-d5	6.498	82	860136	74.79	ng	-0.06
41) 2,4,6-Tribromophenol	10.463	330	5214	2.17	ng	-0.06
44) 2-Fluorobiphenyl	8.681	172	1564411	78.35	ng	-0.05
78) Terphenyl-d14	13.298	244	1357136	74.71	ng	-0.05
Target Compounds						
10) Phenol	5.469	94	78725	5.86	ng	Qvalue 86
19) n-Nitroso-di-n-propyla...	6.498	70	114398	15.09	ng	# 81
49) Dimethylphthalate	9.175	163	147807	6.83	ng	98
56) 2,4-Dinitrotoluene	9.492	165	38425	6.16	ng	# 33

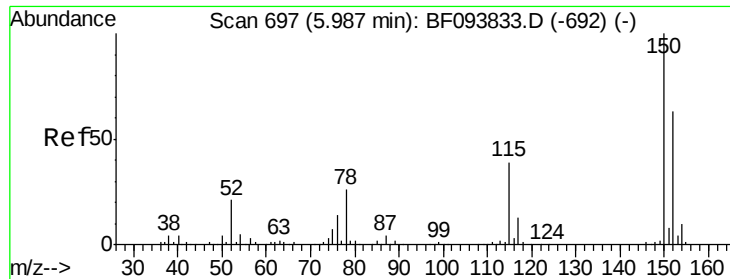
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094232.D

Acq: 6 Apr 2017 17:03

Instrument :

BNA_F

ClientSampleId :

LOCUST-ST-CONCRETE

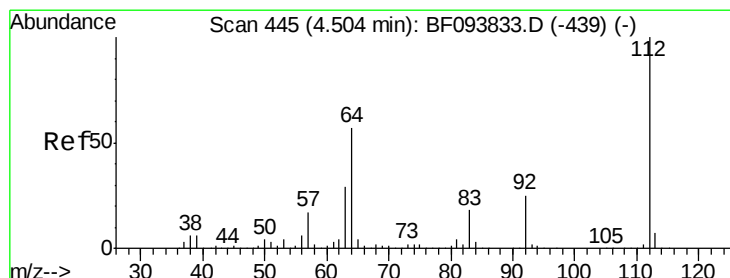
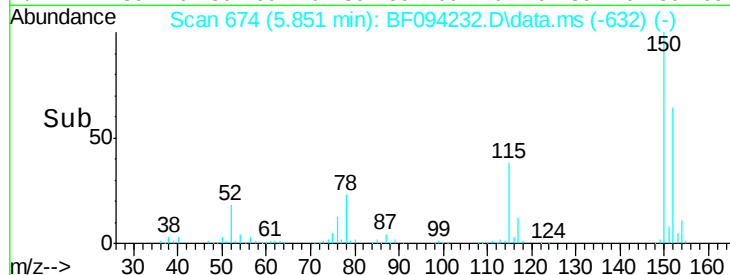
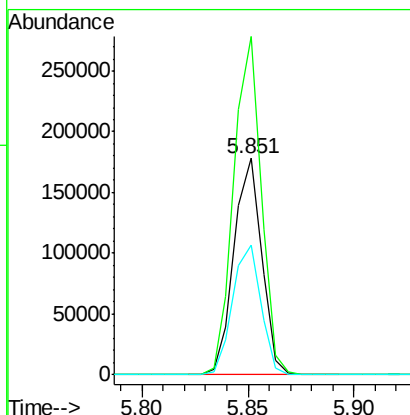
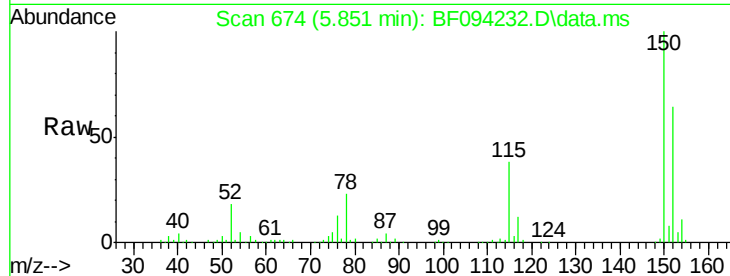
Tot Ion:152 Resp: 161063

Ion Ratio Lower Upper

152 100

150 156.3 126.2 189.2

115 60.0 52.2 78.2



#5

2-Fluorophenol

Concen: 35.60 ng

RT: 4.381 min Scan# 424

Delta R.T. -0.053 min

Lab File: BF094232.D

Acq: 6 Apr 2017 17:03

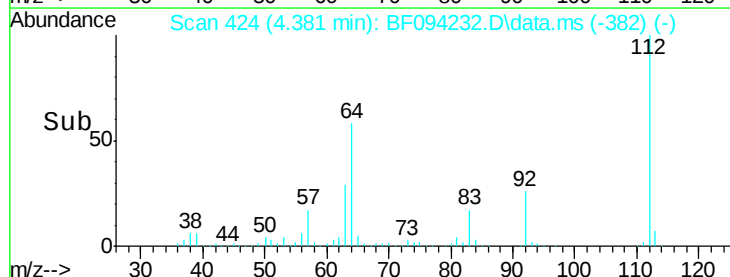
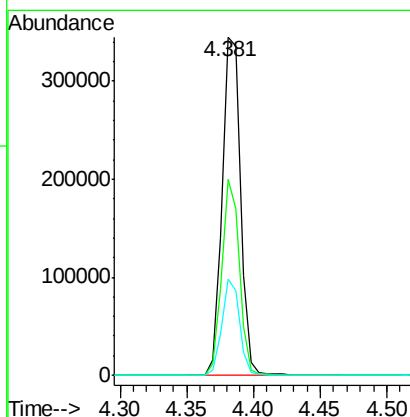
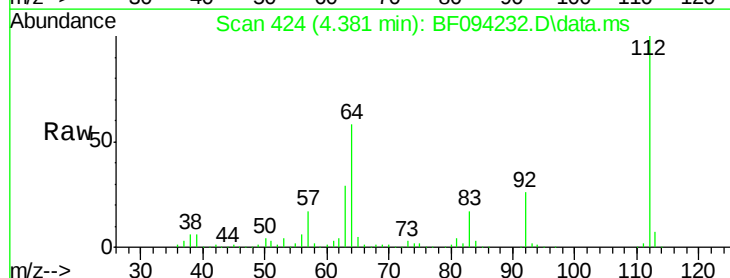
Tgt Ion:112 Resp: 339519

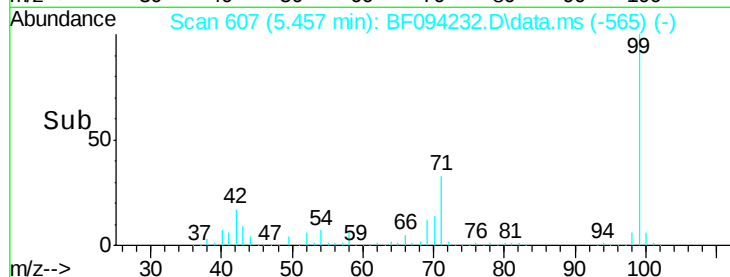
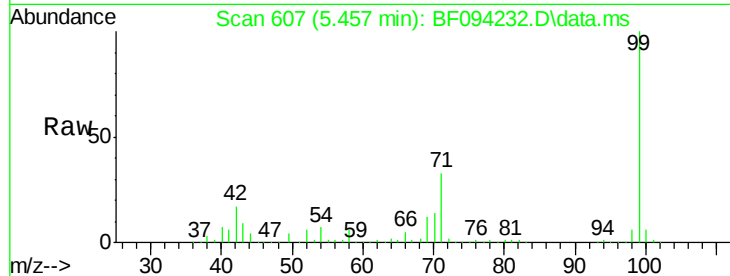
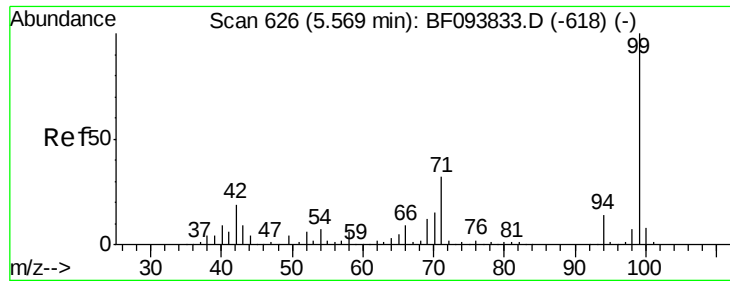
Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

63 28.6 23.4 35.0





#7

Phenol-d6

Concen: 95.99 ng

RT: 5.457 min Scan# 607

Delta R.T. -0.053 min

Lab File: BF094232.D

Acq: 6 Apr 2017 17:03

Instrument :

BNA_F

ClientSampleId :

LOCUST-ST-CONCRETE

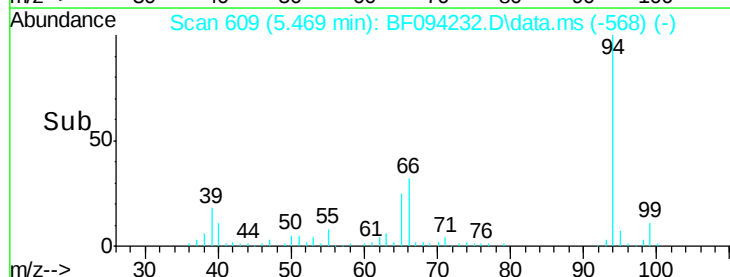
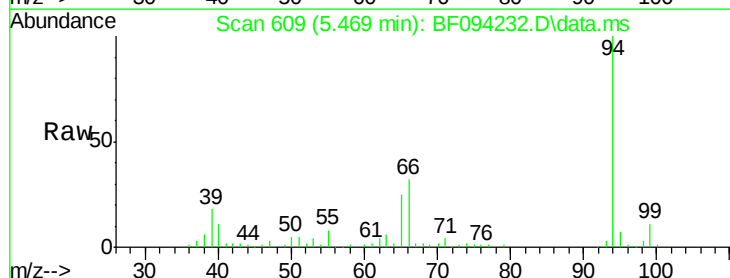
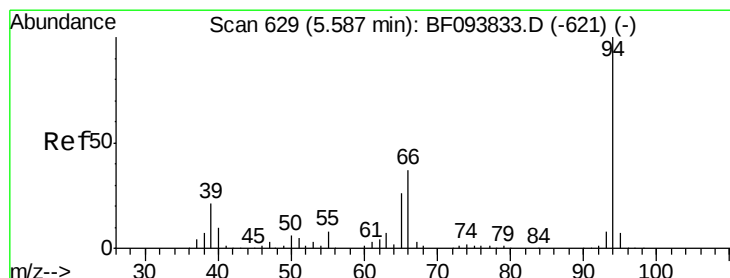
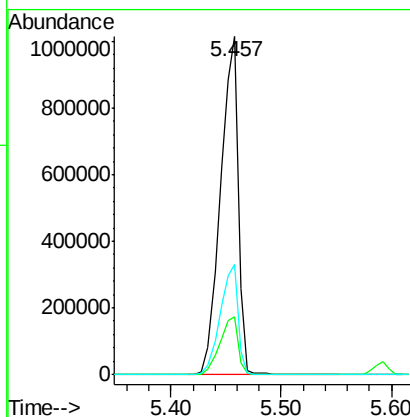
Tot Ion: 99 Resp: 1132382

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 32.6 24.5 36.7



#10

Phenol

Concen: 5.86 ng

RT: 5.469 min Scan# 609

Delta R.T. -0.059 min

Lab File: BF094232.D

Acq: 6 Apr 2017 17:03

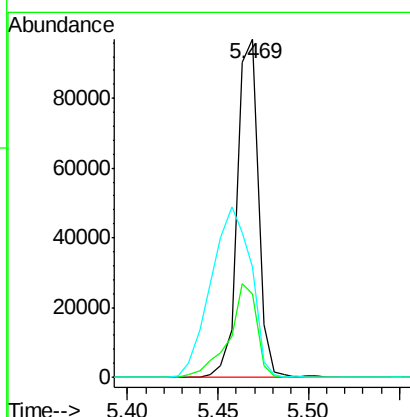
Tgt Ion: 94 Resp: 78725

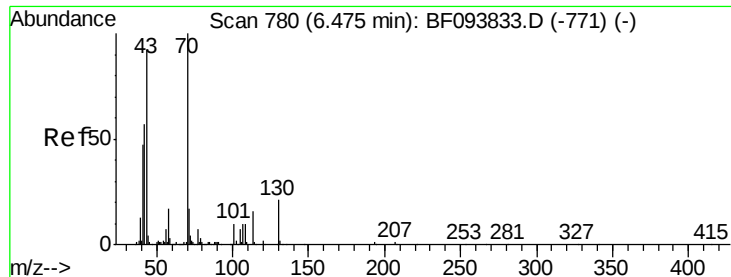
Ion Ratio Lower Upper

94 100

65 24.7 9.9 49.9

66 32.5 23.1 63.1

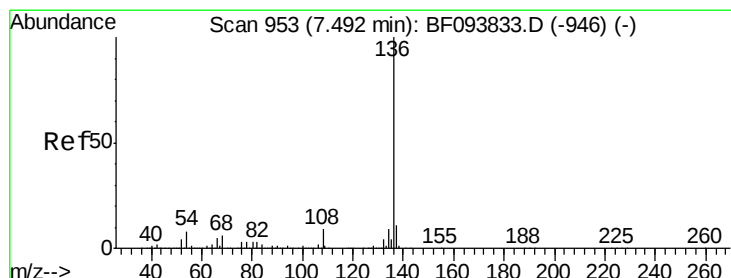
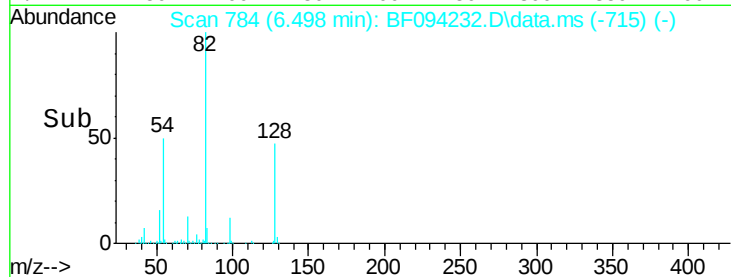
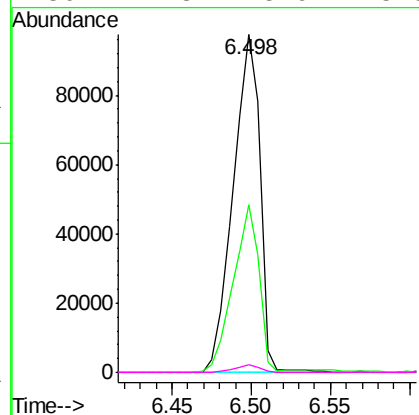
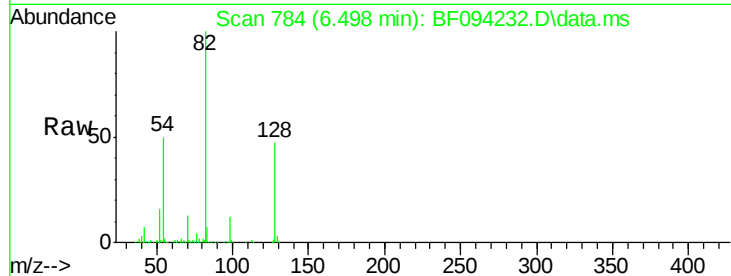




#19
n-Nitroso-di-n-propylamine
Concen: 15.09 ng
RT: 6.498 min Scan# 780
Delta R.T. 0.106 min
Lab File: BF094232.D
Acq: 6 Apr 2017 17:03

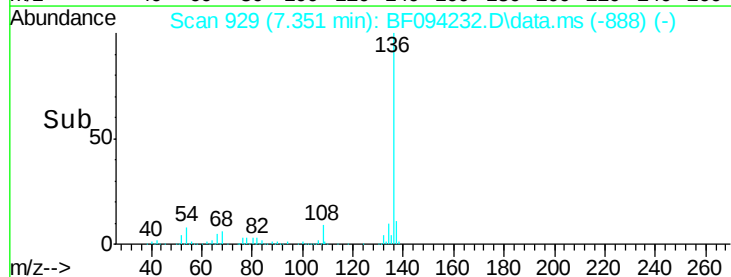
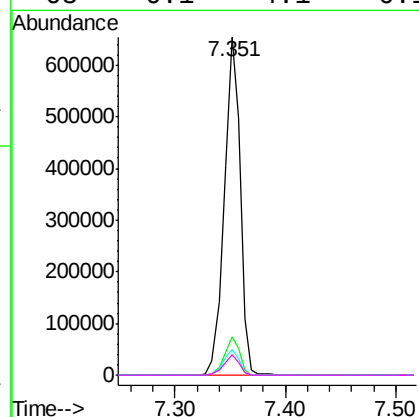
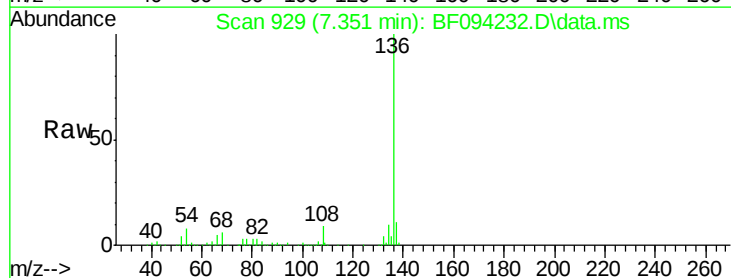
Instrument :
BNA_F
ClientSampleId :
LOCUST-ST-CONCRETE

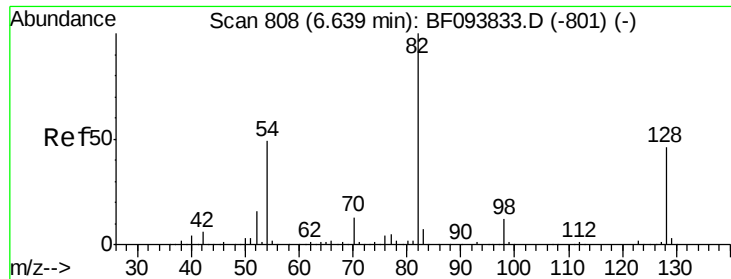
Tot Ion: 70 Resp: 114398
Ion Ratio Lower Upper
70 100
42 49.8 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.351 min Scan# 929
Delta R.T. -0.059 min
Lab File: BF094232.D
Acq: 6 Apr 2017 17:03

Tgt Ion: 136 Resp: 656311
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 7.6 4.9 7.3#
68 6.1 4.1 6.1#

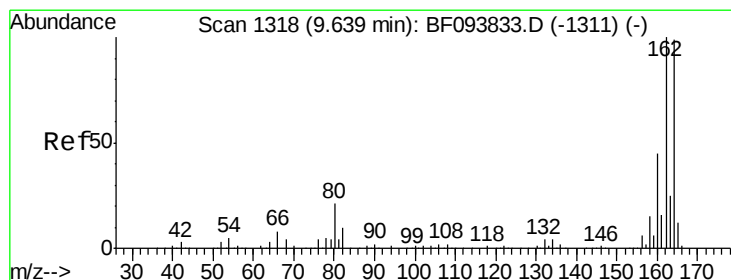
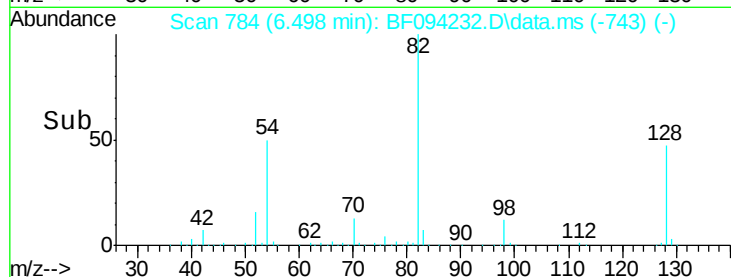
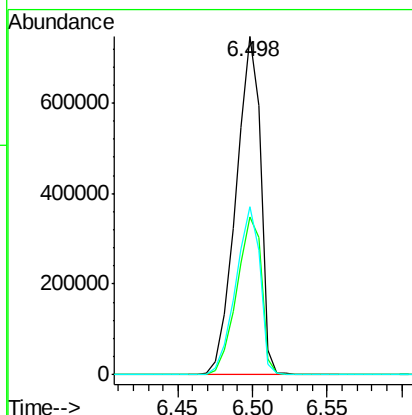
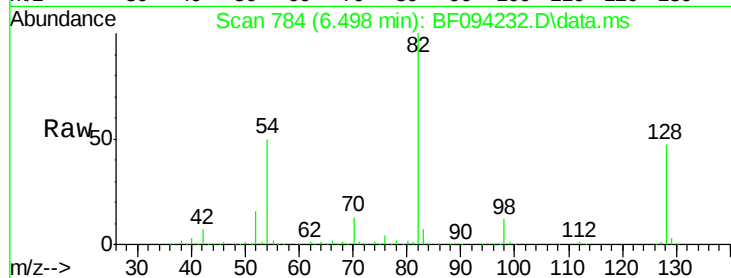




#23
 Nitrobenzene-d5
 Concen: 74.79 ng
 RT: 6.498 min Scan# 78
 Delta R.T. -0.059 min
 Lab File: BF094232.D
 Acq: 6 Apr 2017 17:03

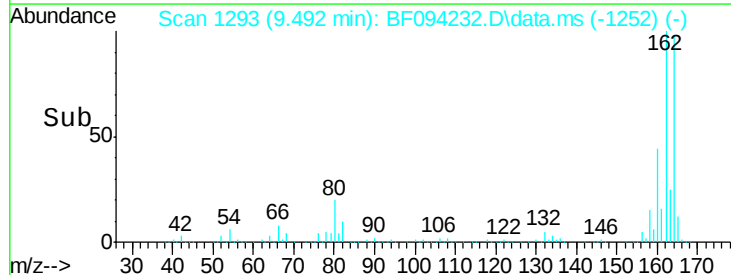
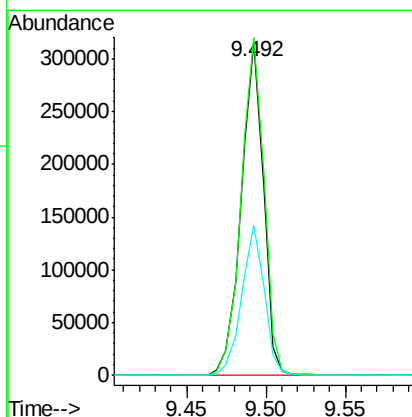
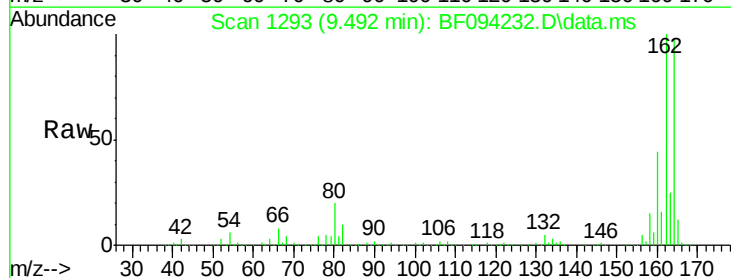
Instrument :
 BNA_F
 ClientSampleId :
 LOCUST-ST-CONCRETE

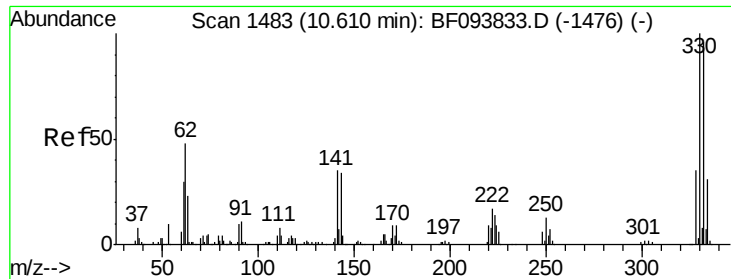
Tot Ion	82	Resp	860136
Ion Ratio	100	Lower	Upper
128	46.6	34.0	51.0
54	49.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.492 min Scan# 1293
 Delta R.T. -0.059 min
 Lab File: BF094232.D
 Acq: 6 Apr 2017 17:03

Tgt Ion	164	Resp	304533
Ion Ratio	100	Lower	Upper
162	101.6	82.6	123.8
160	45.1	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 2.17 ng

RT: 10.463 min Scan# 14

Delta R.T. -0.059 min

Lab File: BF094232.D

Acq: 6 Apr 2017 17:03

Instrument :

BNA_F

ClientSampleId :

LOCUST-ST-CONCRETE

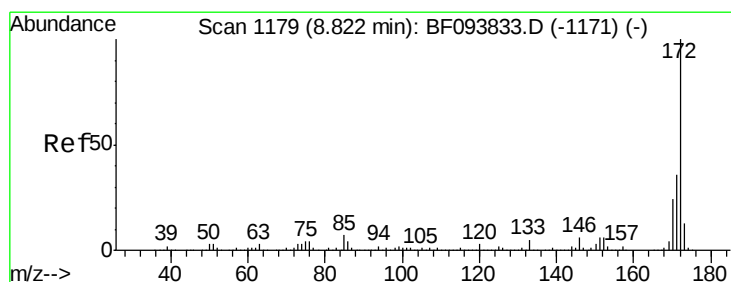
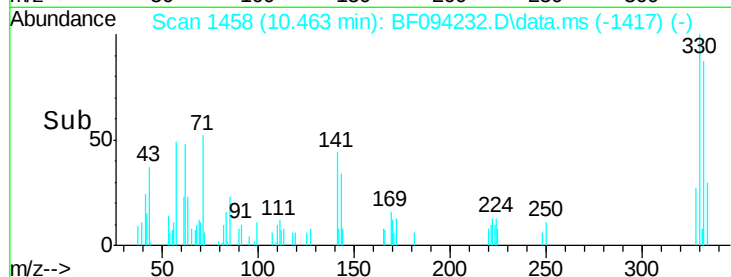
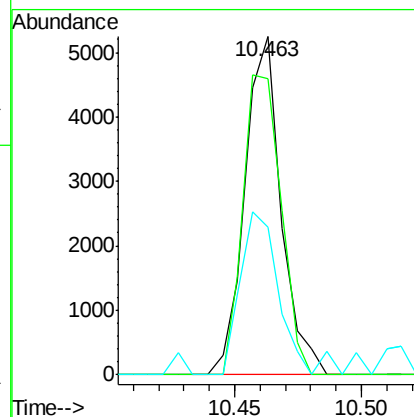
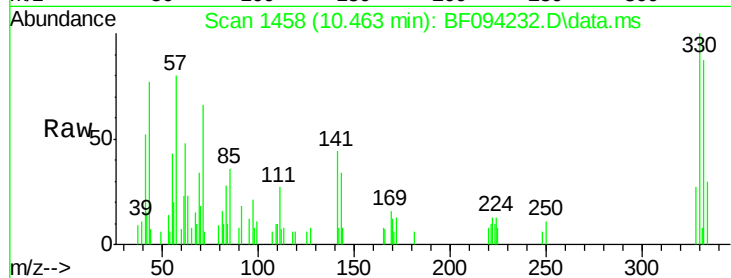
Tot Ion:330 Resp: 5214

Ion Ratio Lower Upper

330 100

332 93.4 76.6 115.0

141 49.8 31.4 47.2#



#44

2-Fluorobiphenyl

Concen: 78.35 ng

RT: 8.681 min Scan# 1155

Delta R.T. -0.053 min

Lab File: BF094232.D

Acq: 6 Apr 2017 17:03

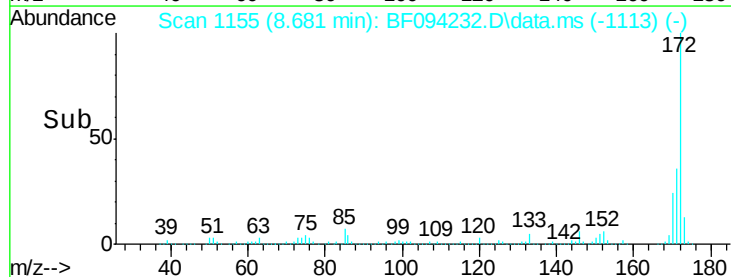
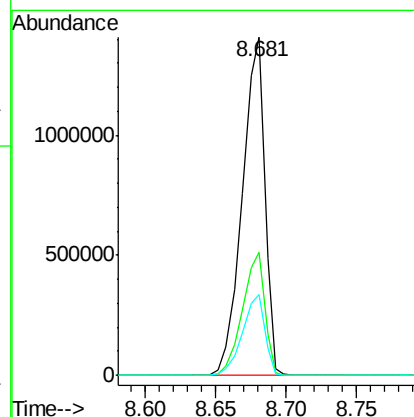
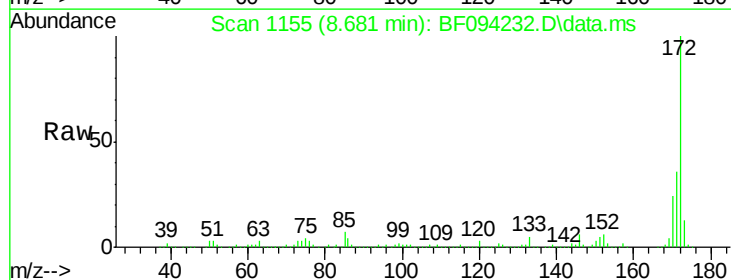
Tgt Ion:172 Resp: 1564411

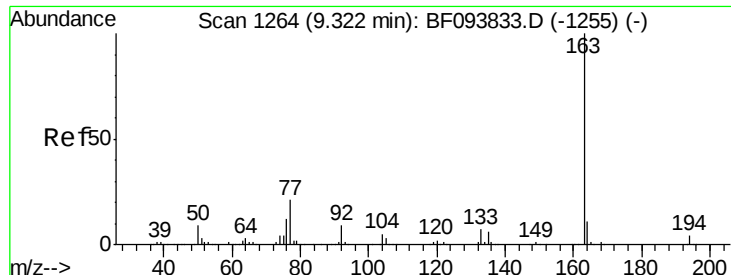
Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

170 24.1 19.8 29.8

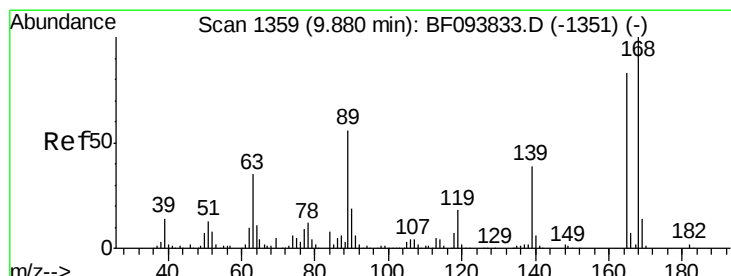
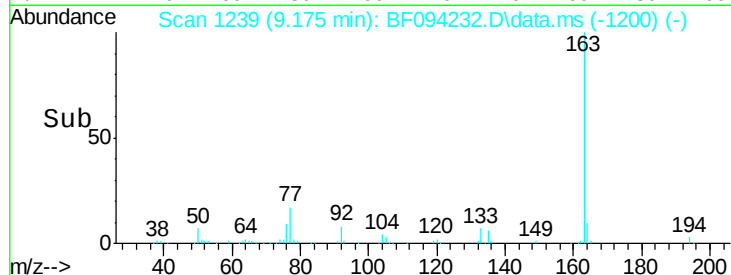
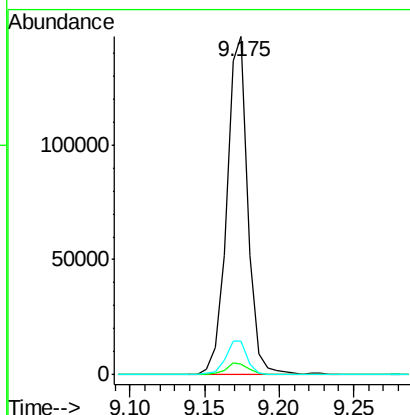
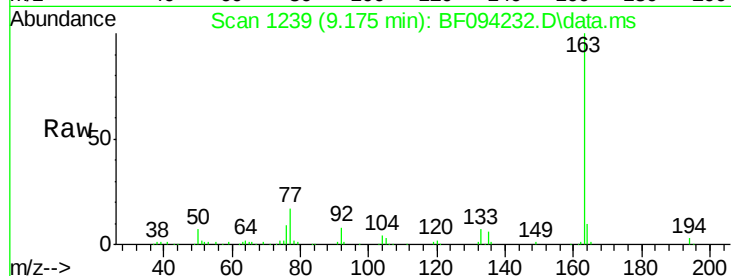




#49
Dimethylphthalate
Concen: 6.83 ng
RT: 9.175 min Scan# 1264
Delta R.T. -0.071 min
Lab File: BF094232.D
Acq: 6 Apr 2017 17:03

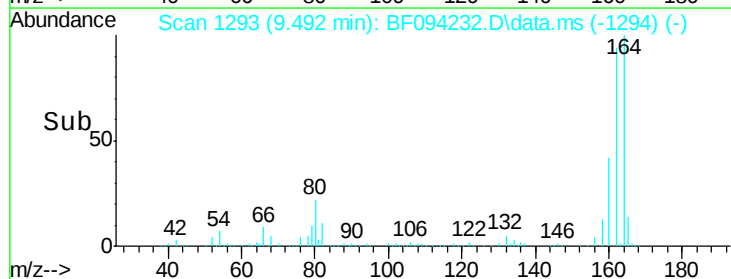
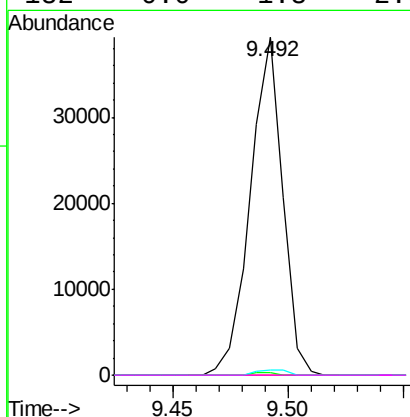
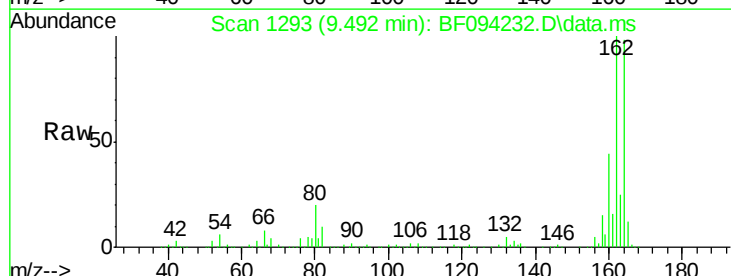
Instrument :
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LOCUST-ST-CONCRETE

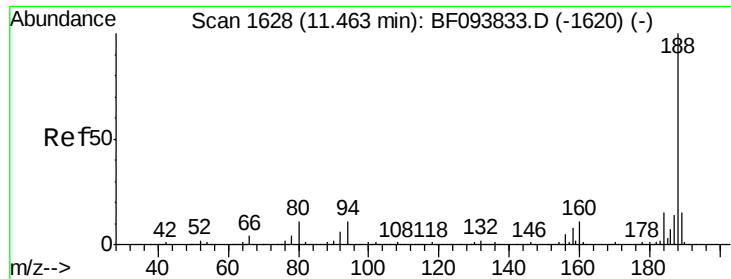
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.7	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.492 min Scan# 1293
Delta R.T. -0.306 min
Lab File: BF094232.D
Acq: 6 Apr 2017 17:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

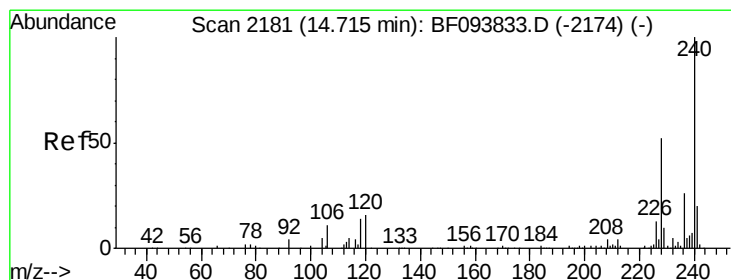
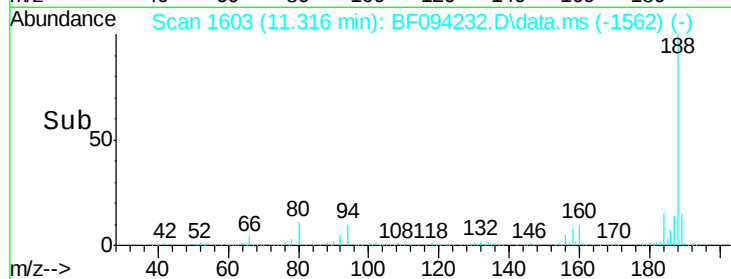
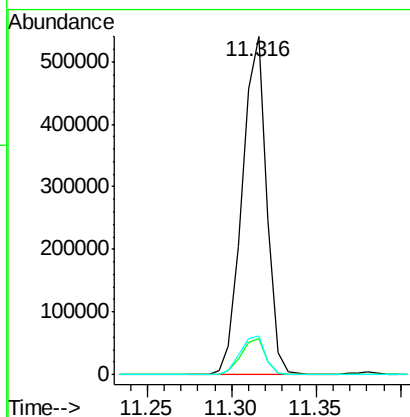
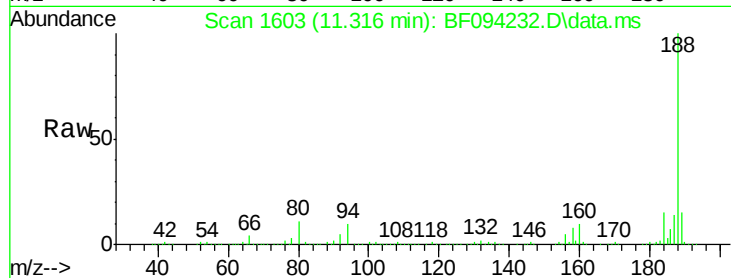




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 161
Delta R.T. -0.059 min
Lab File: BF094232.D
Acq: 6 Apr 2017 17:03

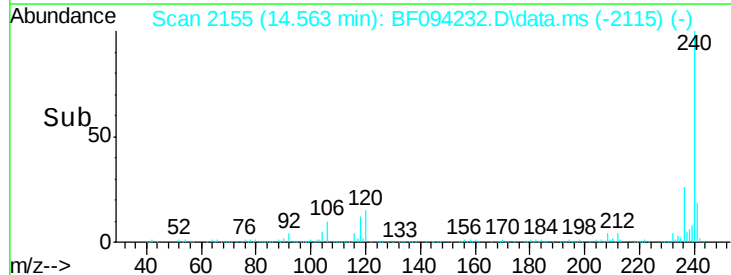
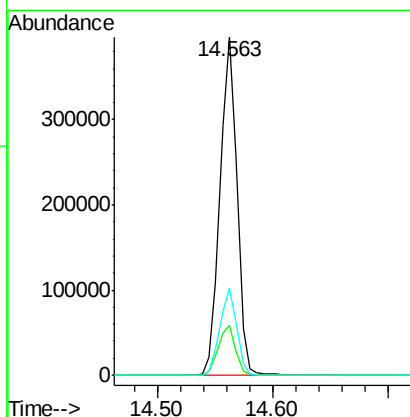
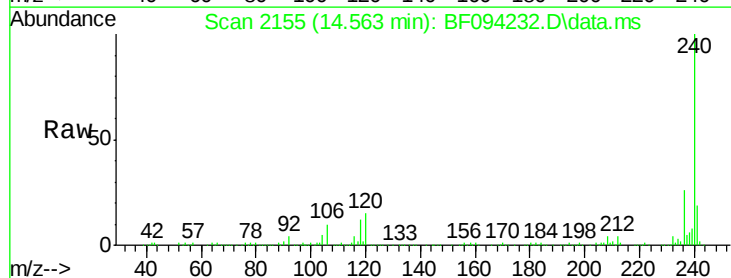
Instrument :
BNA_F
ClientSampleId :
LOCUST-ST-CONCRETE

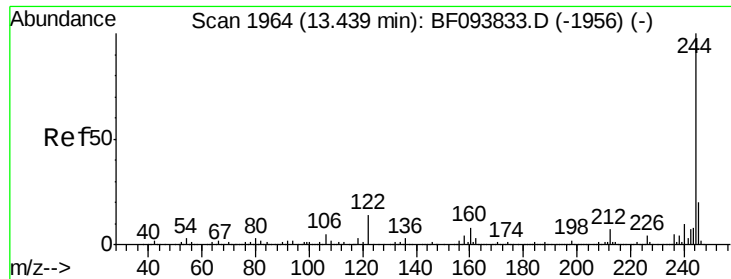
Tot Ion:188 Resp: 545855
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.563 min Scan# 2155
Delta R.T. -0.065 min
Lab File: BF094232.D
Acq: 6 Apr 2017 17:03

Tgt Ion:240 Resp: 407189
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 25.7 20.5 30.7





#78

Terphenyl-d14

Concen: 74.71 ng

RT: 13.298 min Scan# 19

Delta R.T. -0.053 min

Lab File: BF094232.D

Acq: 6 Apr 2017 17:03

Instrument :

BNA_F

ClientSampleId :

LOCUST-ST-CONCRETE

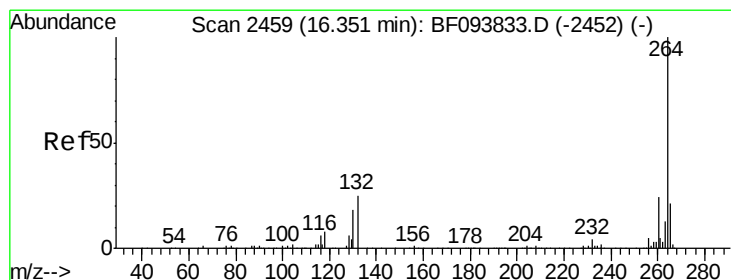
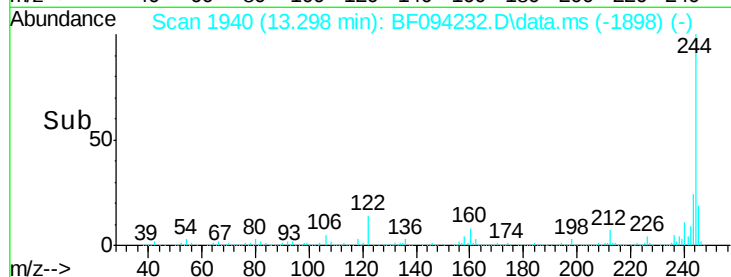
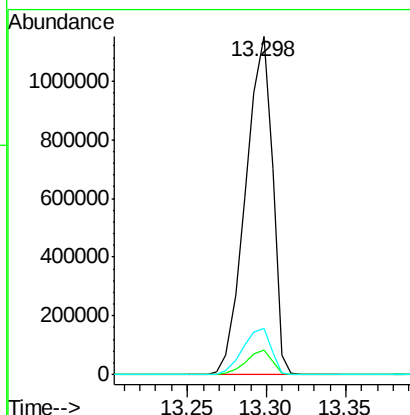
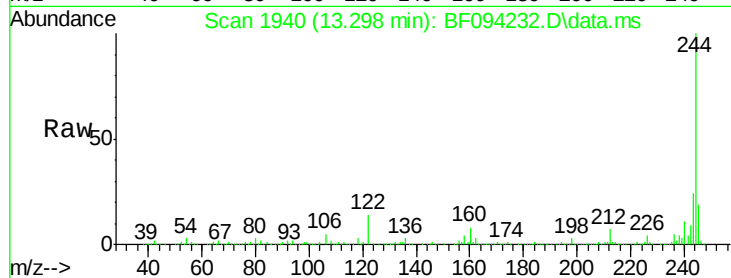
Tot Ion:244 Resp: 1357136

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 13.7 10.3 15.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.186 min Scan# 2431

Delta R.T. -0.065 min

Lab File: BF094232.D

Acq: 6 Apr 2017 17:03

Tgt Ion:264 Resp: 277838

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 21.0 17.2 25.8

