

Data Path : Z:\HPCHEM1\BNA F\Data\BF040617\
 Data File : BF094234.D
 Acq On : 6 Apr 2017 17:59
 Operator : SJ/MA
 Sample : I2537-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5-(0-5)

Quant Time: Apr 06 18:23:45 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

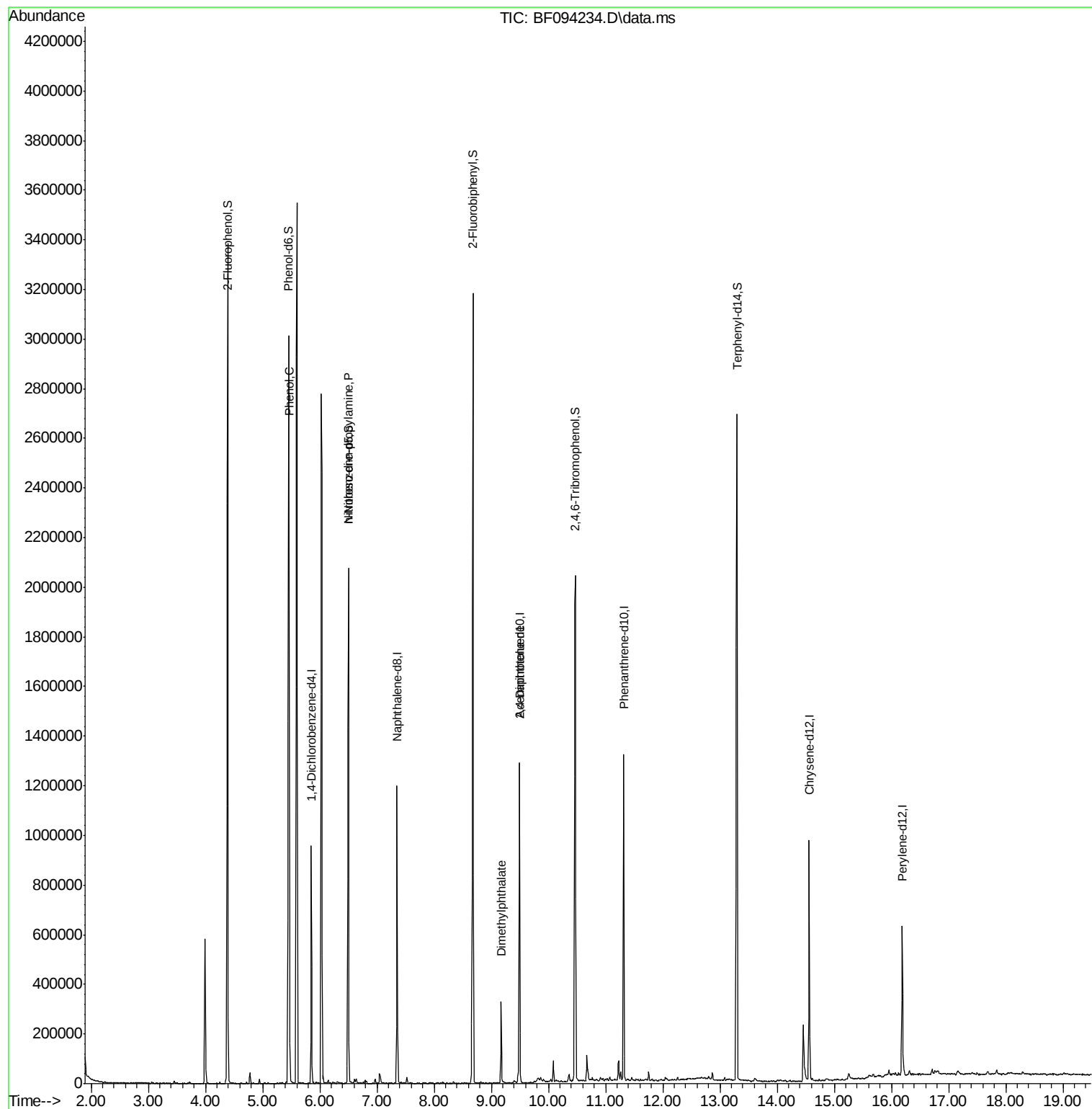
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.851	152	143804	20.00	ng	-0.05
21) Naphthalene-d8	7.351	136	591396	20.00	ng	-0.06
38) Acenaphthene-d10	9.492	164	277503	20.00	ng	-0.06
63) Phenanthrene-d10	11.316	188	496910	20.00	ng	-0.06
75) Chrysene-d12	14.562	240	352697	20.00	ng	-0.06
86) Perylene-d12	16.192	264	242061	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.387	112	1071477	125.85	ng	-0.05
7) Phenol-d6	5.457	99	1337385	126.97	ng	-0.05
23) Nitrobenzene-d5	6.498	82	801121	77.31	ng	-0.06
41) 2,4,6-Tribromophenol	10.469	330	286236	130.53	ng	-0.05
44) 2-Fluorobiphenyl	8.681	172	1258278	69.16	ng	-0.05
78) Terphenyl-d14	13.298	244	1033909	65.71	ng	-0.05
Target Compounds						
10) Phenol	5.469	94	104443	8.71	ng	Qvalue 89
19) n-Nitroso-di-n-propyla...	6.498	70	103743	15.33	ng	# 77
49) Dimethylphthalate	9.175	163	150382	7.62	ng	99
56) 2,4-Dinitrotoluene	9.492	165	35869	6.31	ng	# 33

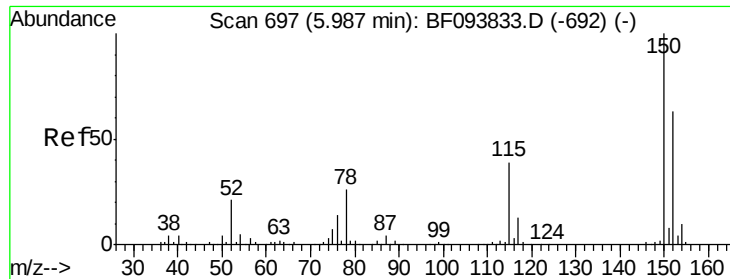
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094234.D

Acq: 6 Apr 2017 17:59

Instrument :

BNA_F

ClientSampleId :

B5-(0-5)

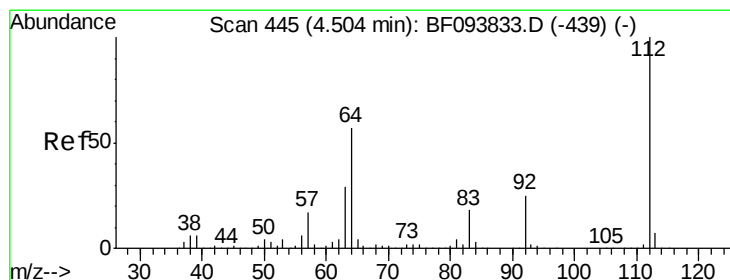
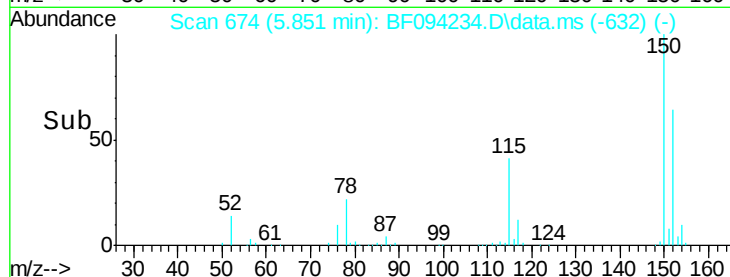
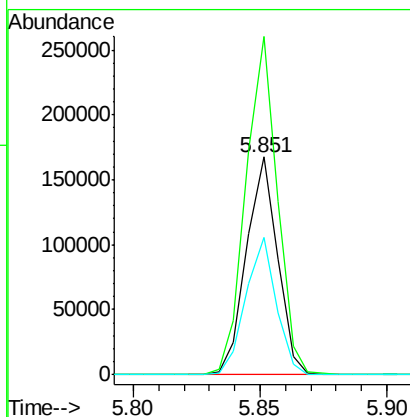
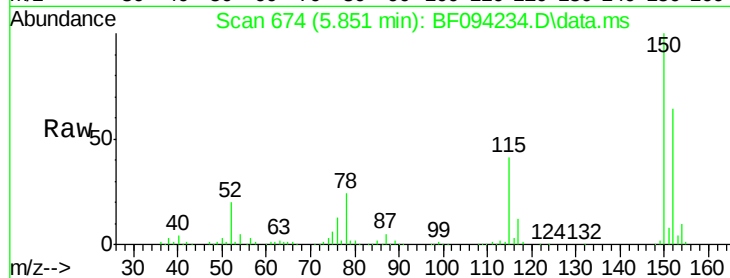
Tot Ion:152 Resp: 143804

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

115 63.3 52.2 78.2



#5

2-Fluorophenol

Concen: 125.85 ng

RT: 4.387 min Scan# 425

Delta R.T. -0.047 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

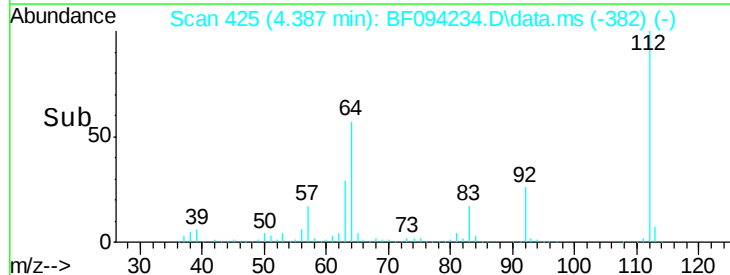
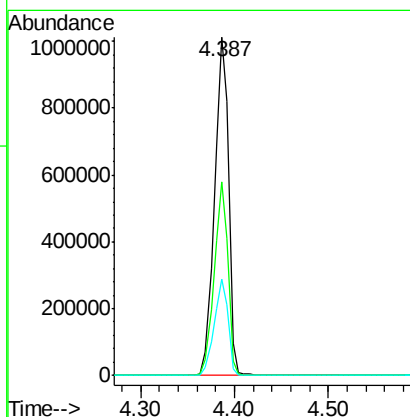
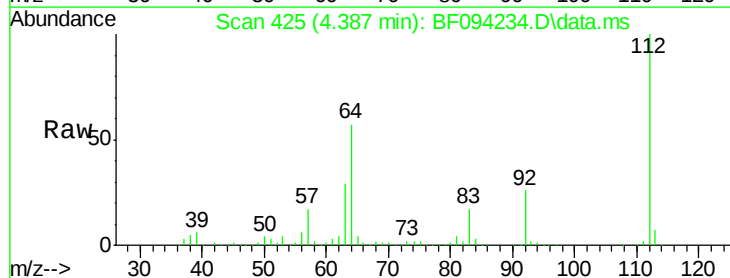
Tgt Ion:112 Resp: 1071477

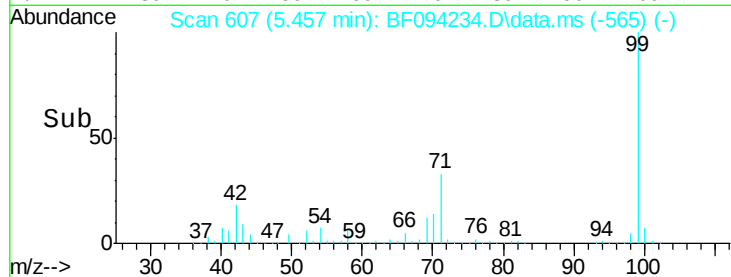
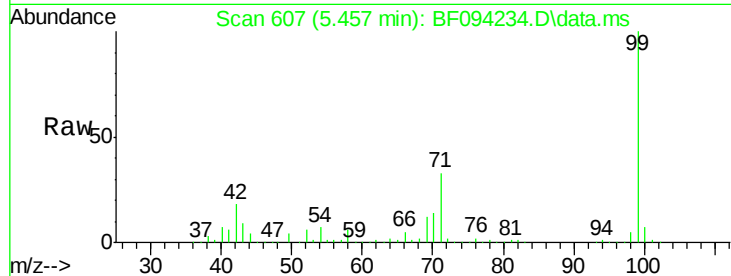
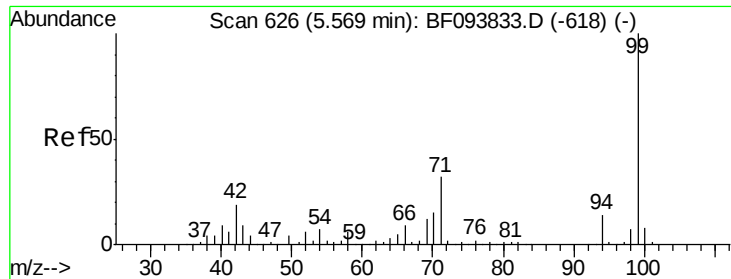
Ion Ratio Lower Upper

112 100

64 57.4 46.0 69.0

63 28.5 23.4 35.0





#7

Phenol-d6

Concen: 126.97 ng

RT: 5.457 min Scan# 607

Delta R.T. -0.053 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

Instrument :

BNA_F

ClientSampleId :

B5-(0-5)

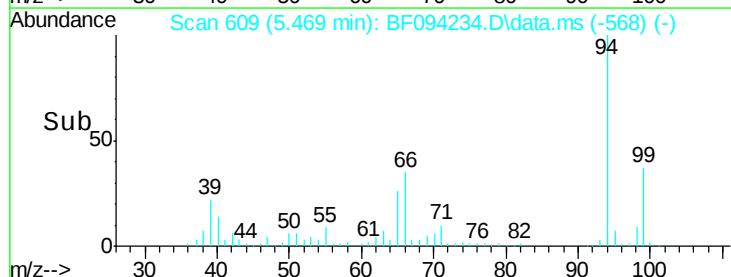
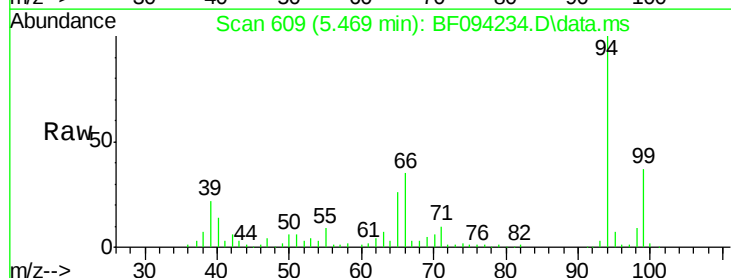
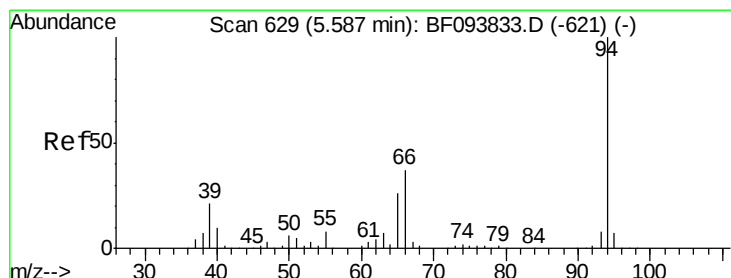
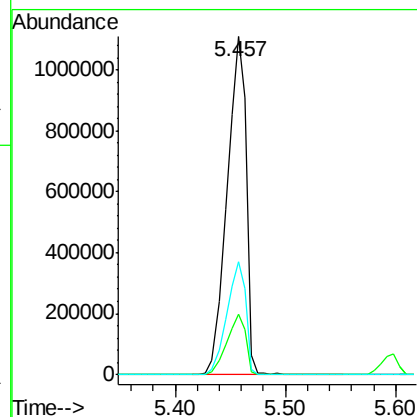
Tot Ion: 99 Resp: 1337385

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 33.3 24.5 36.7



#10

Phenol

Concen: 8.71 ng

RT: 5.469 min Scan# 609

Delta R.T. -0.059 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

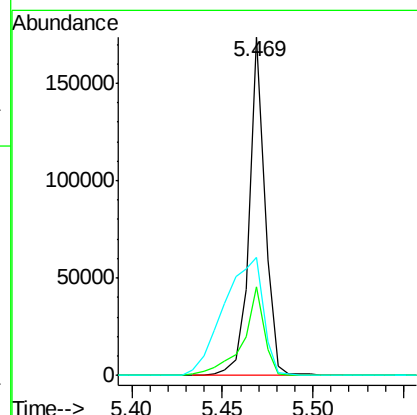
Tgt Ion: 94 Resp: 104443

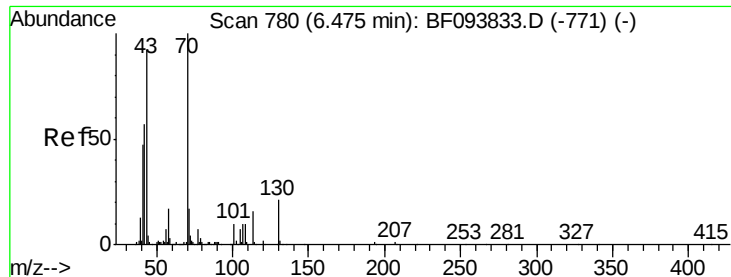
Ion Ratio Lower Upper

94 100

65 26.2 9.9 49.9

66 34.8 23.1 63.1

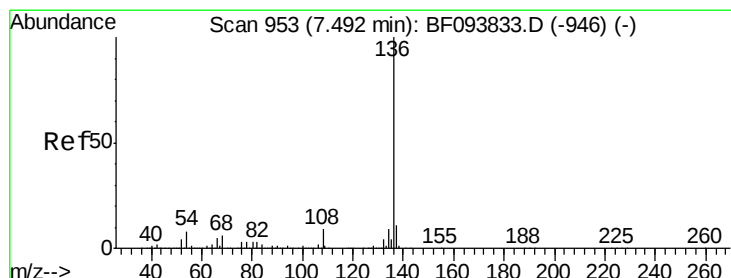
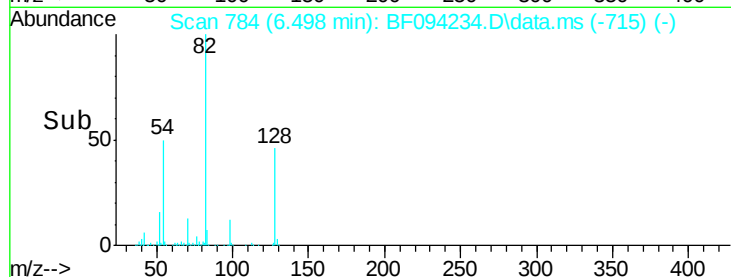
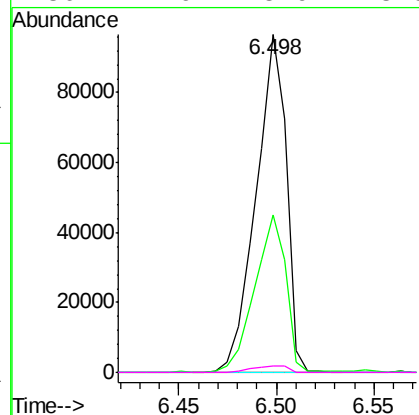
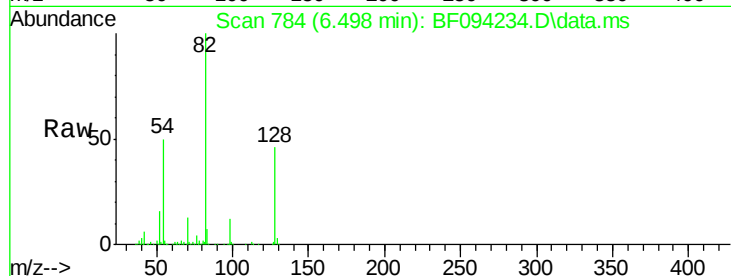




#19
n-Nitroso-di-n-propylamine
Concen: 15.33 ng
RT: 6.498 min Scan# 780
Delta R.T. 0.106 min
Lab File: BF094234.D
Acq: 6 Apr 2017 17:59

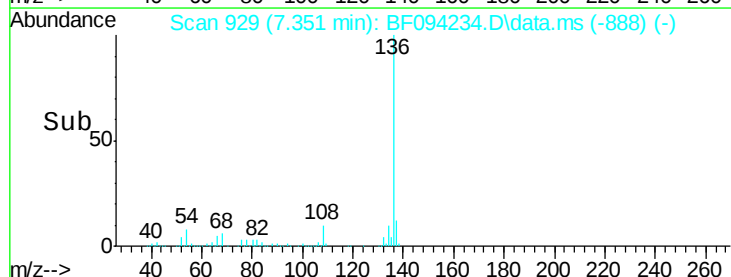
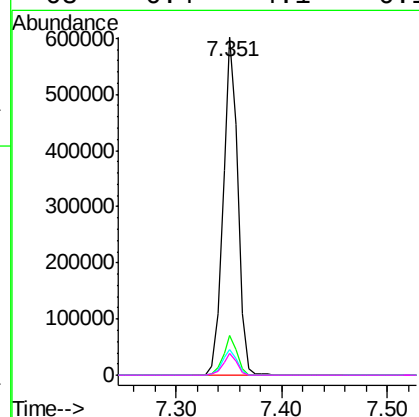
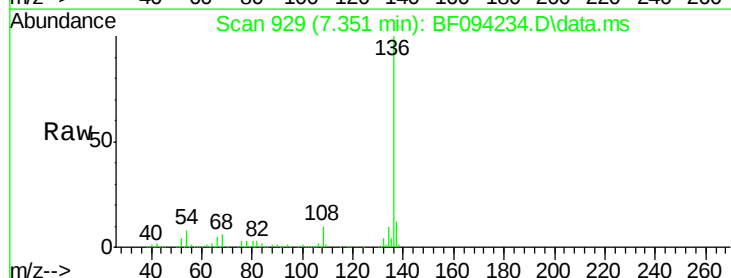
Instrument :
BNA_F
ClientSampleId :
B5-(0-5)

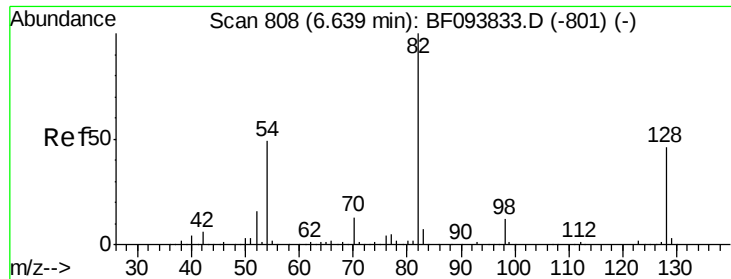
Tot Ion:	70	Resp:	103743
Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.351 min Scan# 929
Delta R.T. -0.059 min
Lab File: BF094234.D
Acq: 6 Apr 2017 17:59

Tgt Ion:	136	Resp:	591396
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	7.7	4.9	7.3#
68	6.4	4.1	6.1#

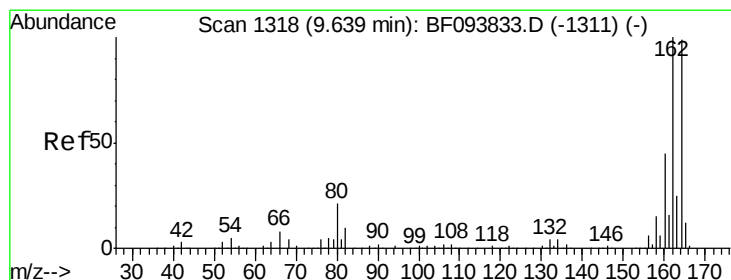
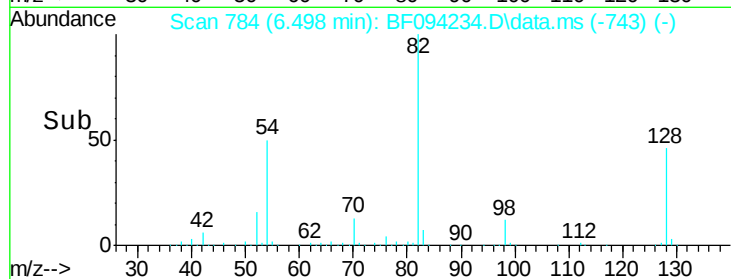
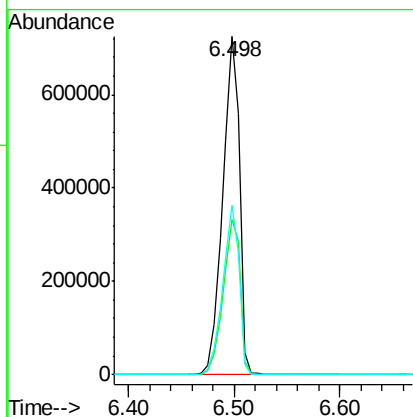
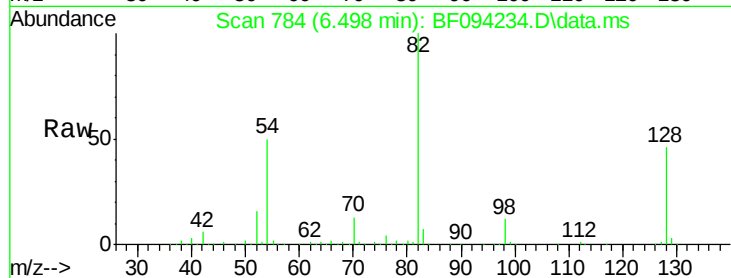




#23
Nitrobenzene-d5
Concen: 77.31 ng
RT: 6.498 min Scan# 78
Delta R.T. -0.059 min
Lab File: BF094234.D
Acq: 6 Apr 2017 17:59

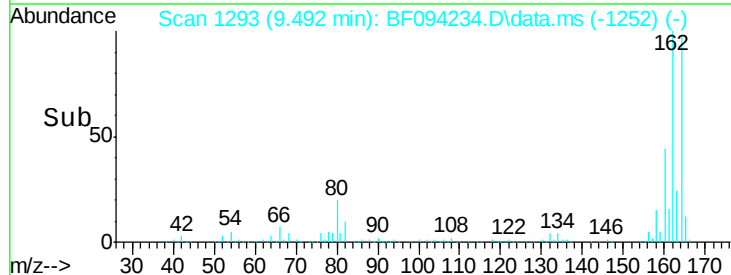
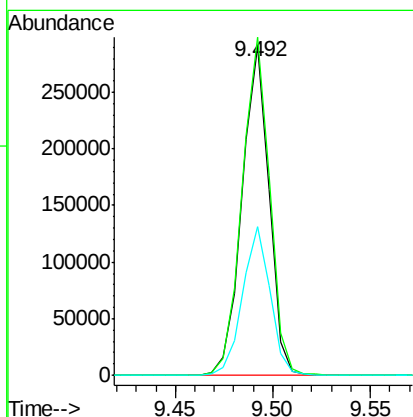
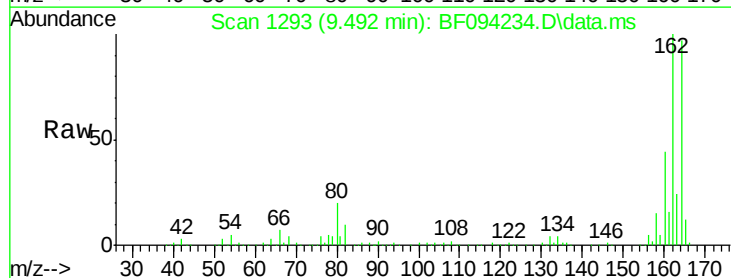
Instrument :
BNA_F
ClientSampleId :
B5-(0-5)

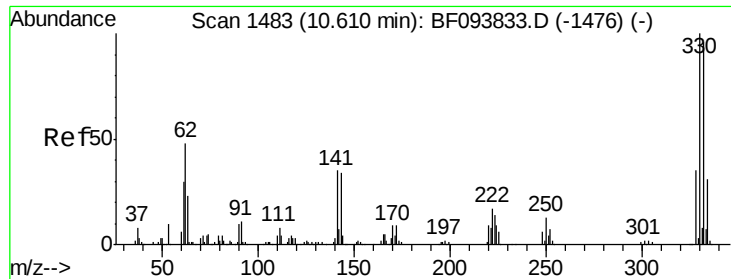
Tot Ion: 82 Resp: 801121
Ion Ratio Lower Upper
82 100
128 45.7 34.0 51.0
54 49.9 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.492 min Scan# 1293
Delta R.T. -0.059 min
Lab File: BF094234.D
Acq: 6 Apr 2017 17:59

Tgt Ion: 164 Resp: 277503
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 45.2 36.2 54.2

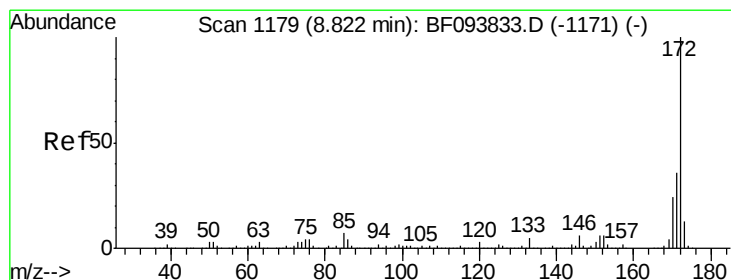
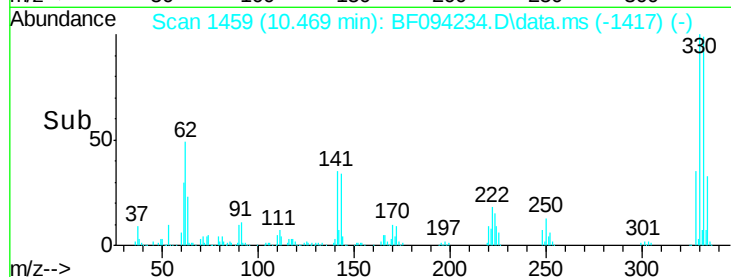
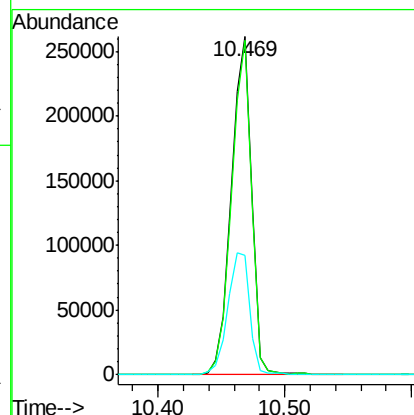
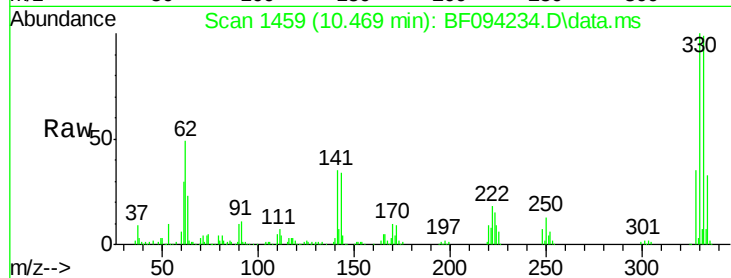




#41
 2,4,6-Tribromophenol
 Concen: 130.53 ng
 RT: 10.469 min Scan# 141
 Delta R.T. -0.053 min
 Lab File: BF094234.D
 Acq: 6 Apr 2017 17:59

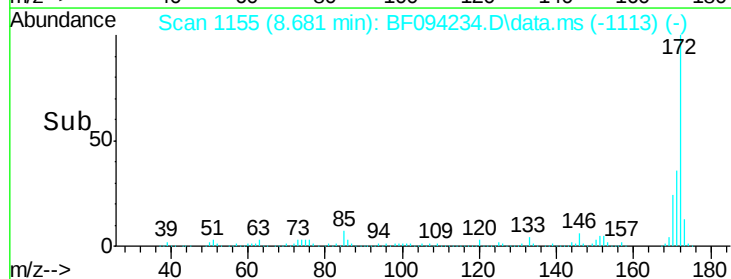
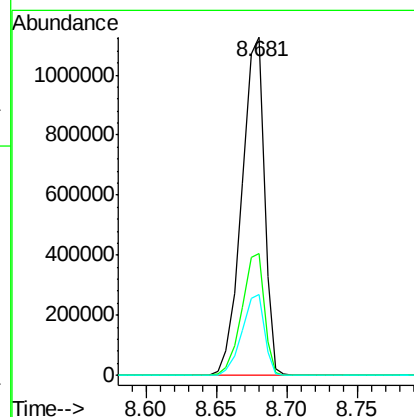
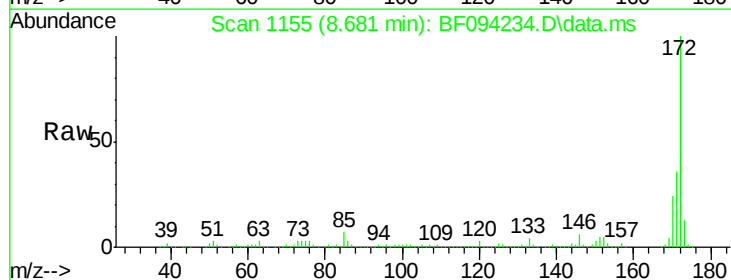
Instrument :
 BNA_F
 ClientSampleId :
 B5-(0-5)

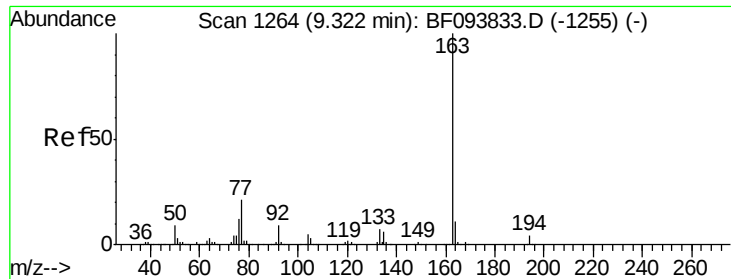
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	39.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 69.16 ng
 RT: 8.681 min Scan# 1155
 Delta R.T. -0.053 min
 Lab File: BF094234.D
 Acq: 6 Apr 2017 17:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8





#49

Dimethylphthalate

Concen: 7.62 ng

RT: 9.175 min Scan# 12

Delta R.T. -0.071 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

Instrument :

BNA_F

ClientSampleId :

B5-(0-5)

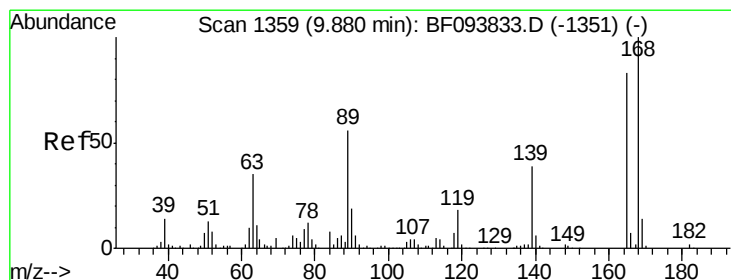
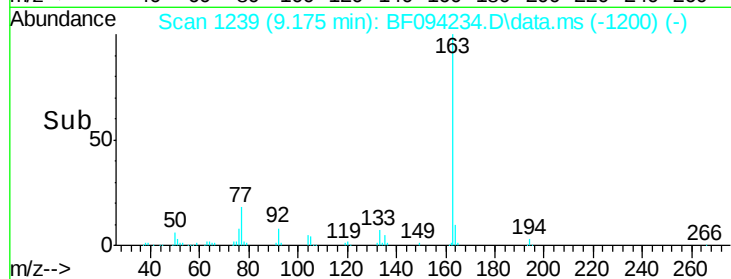
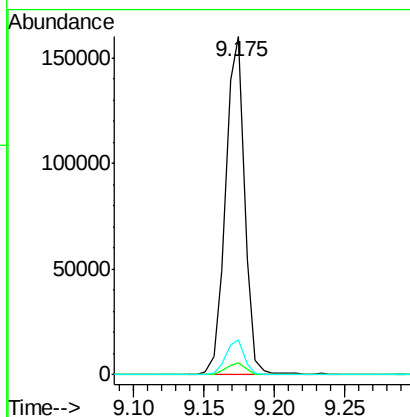
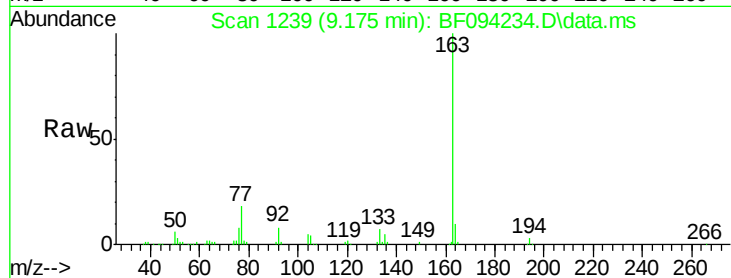
Tot Ion:163 Resp: 150382

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 10.1 8.4 12.6



#56

2,4-Dinitrotoluene

Concen: 6.31 ng

RT: 9.492 min Scan# 1293

Delta R.T. -0.306 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

Tgt Ion:165 Resp: 35869

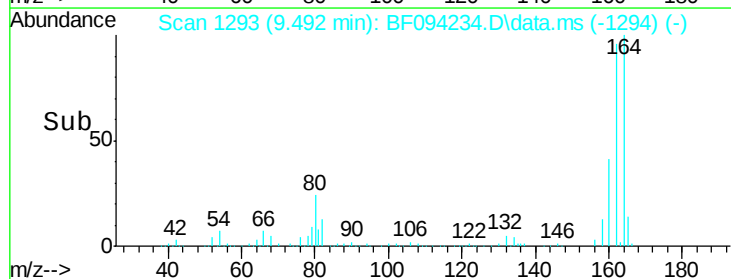
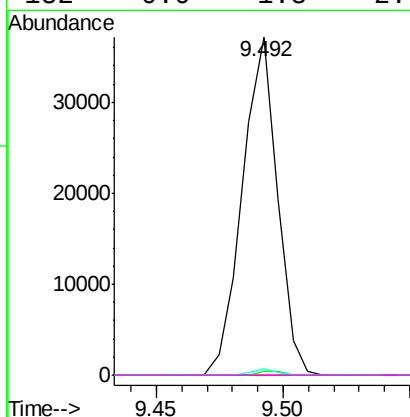
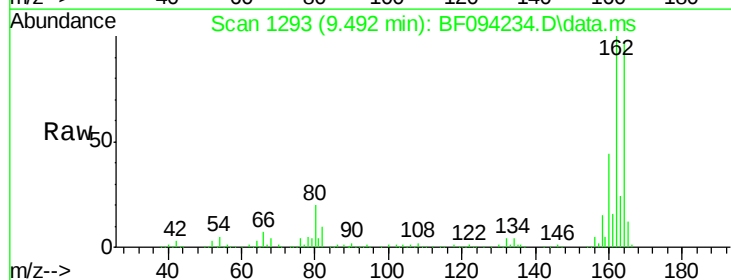
Ion Ratio Lower Upper

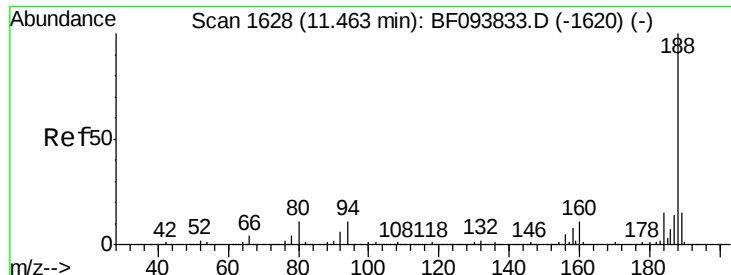
165 100

63 1.2 25.4 38.0#

89 1.9 46.4 69.6#

182 0.0 1.8 2.6#

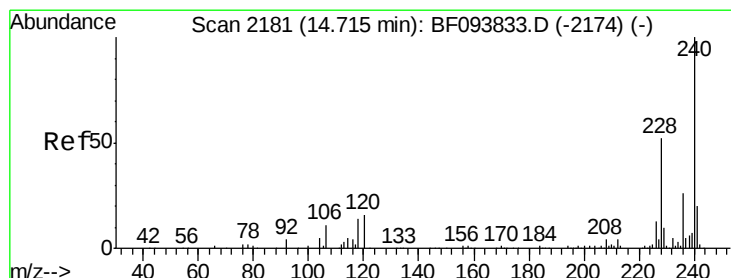
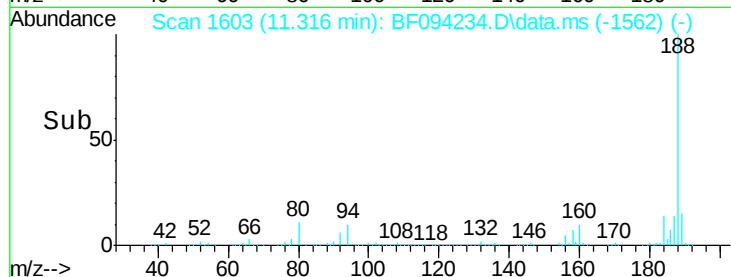
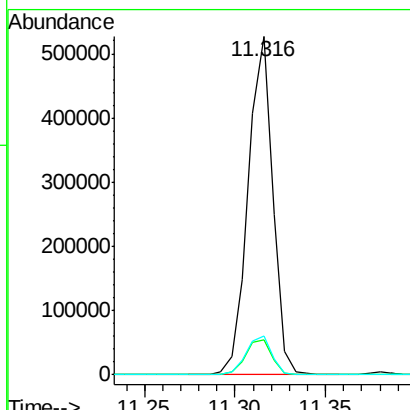
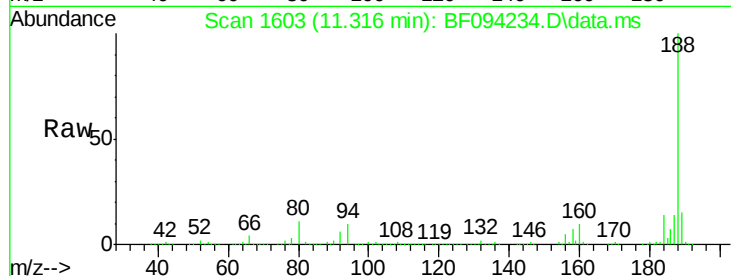




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 161
Delta R.T. -0.059 min
Lab File: BF094234.D
Acq: 6 Apr 2017 17:59

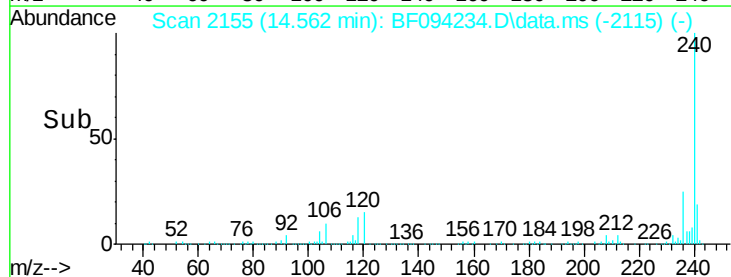
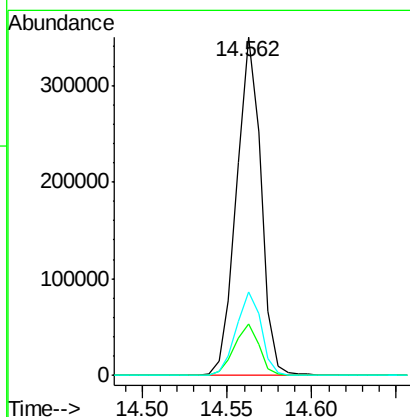
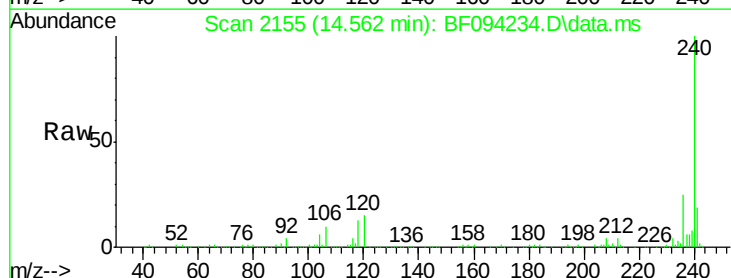
Instrument :
BNA_F
ClientSampleId :
B5-(0-5)

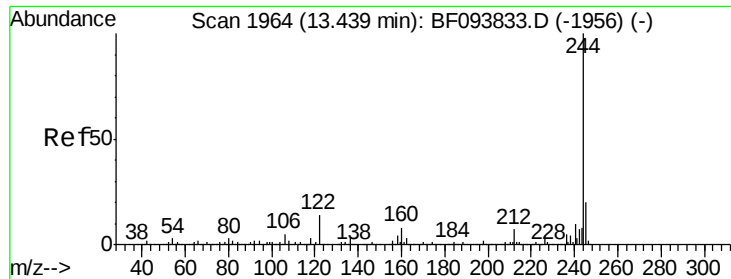
Tot Ion:188 Resp: 496910
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.562 min Scan# 2155
Delta R.T. -0.065 min
Lab File: BF094234.D
Acq: 6 Apr 2017 17:59

Tgt Ion:240 Resp: 352697
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 24.7 20.5 30.7





#78

Terphenyl-d14

Concen: 65.71 ng

RT: 13.298 min Scan# 19

Delta R.T. -0.053 min

Lab File: BF094234.D

Acq: 6 Apr 2017 17:59

Instrument :

BNA_F

ClientSampleId :

B5-(0-5)

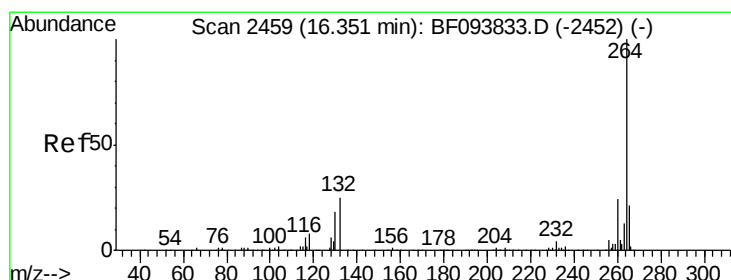
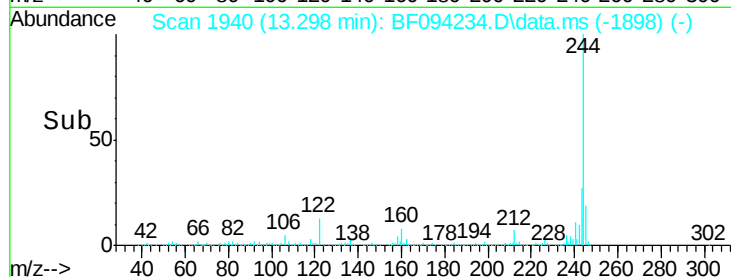
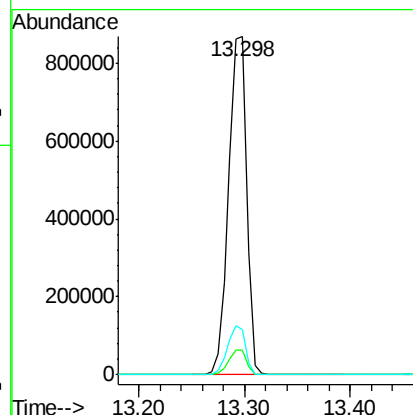
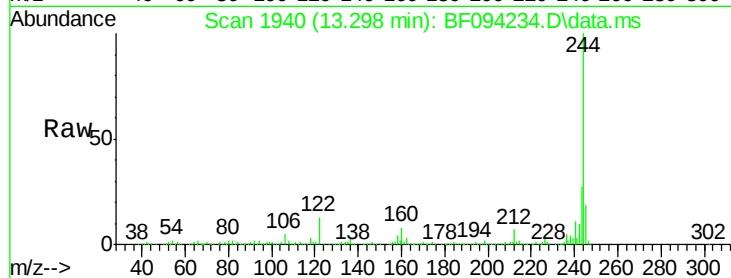
Tot Ion:244 Resp: 1033909

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 13.4 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: BF094234.D

Acq: 6 Apr 2017 17:59

Tgt Ion:264 Resp: 242061

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.3 17.2 25.8

