

Data Path : Z:\HPCHEM1\BNA F\Data\BF040617\
 Data File : BF094233.D
 Acq On : 6 Apr 2017 17:31
 Operator : SJ/MA
 Sample : I2537-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B8-(0-5)

Quant Time: Apr 06 17:56:25 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

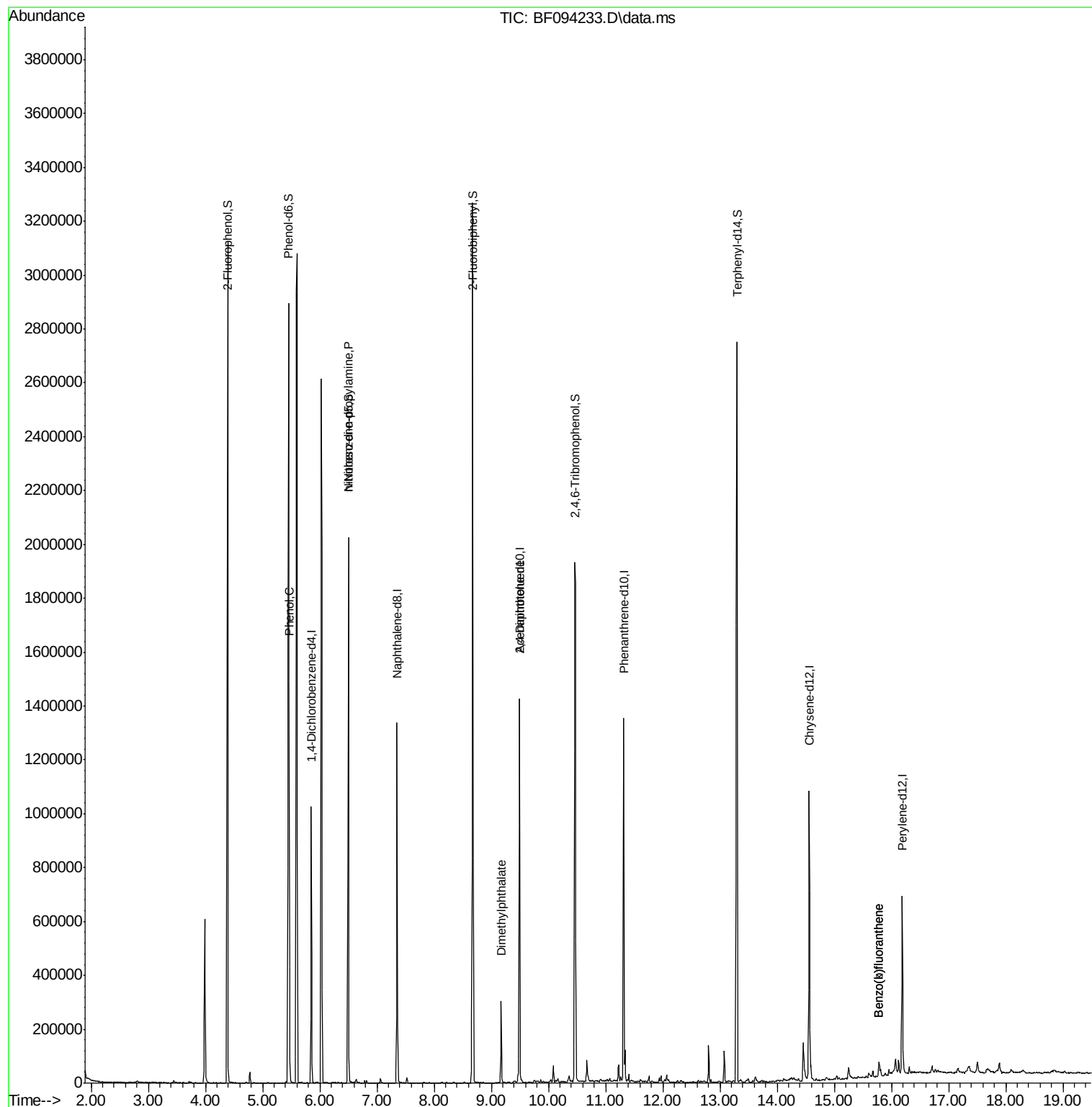
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.851	152	159162	20.00	ng	-0.05
21) Naphthalene-d8	7.351	136	657095	20.00	ng	-0.06
38) Acenaphthene-d10	9.492	164	301774	20.00	ng	-0.06
63) Phenanthrene-d10	11.316	188	540198	20.00	ng	-0.06
75) Chrysene-d12	14.563	240	388803	20.00	ng	-0.06
86) Perylene-d12	16.192	264	265684	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.387	112	949987	100.81	ng	-0.05
7) Phenol-d6	5.457	99	1216191	104.33	ng	-0.05
23) Nitrobenzene-d5	6.498	82	744433	64.65	ng	-0.06
41) 2,4,6-Tribromophenol	10.469	330	265475	111.33	ng	-0.05
44) 2-Fluorobiphenyl	8.681	172	1285414	64.97	ng	-0.05
78) Terphenyl-d14	13.298	244	1027701	59.25	ng	-0.05
Target Compounds						
10) Phenol	5.469	94	93680	7.06	ng	Qvalue 88
19) n-Nitroso-di-n-propyla...	6.498	70	97645	13.03	ng	# 77
49) Dimethylphthalate	9.175	163	141027	6.57	ng	98
56) 2,4-Dinitrotoluene	9.492	165	39248	6.35	ng	# 32
87) Benzo(b)fluoranthene	15.780	252	34719	2.13	ng	98
88) Benzo(k)fluoranthene	15.780	252	34719	2.18	ng	98

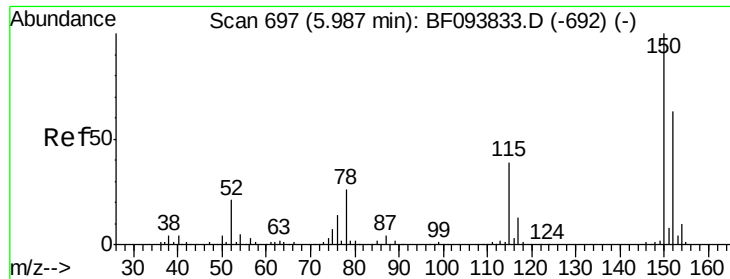
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094233.D

Acq: 6 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

B8-(0-5)

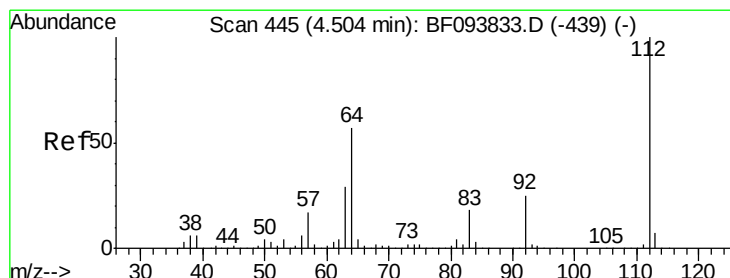
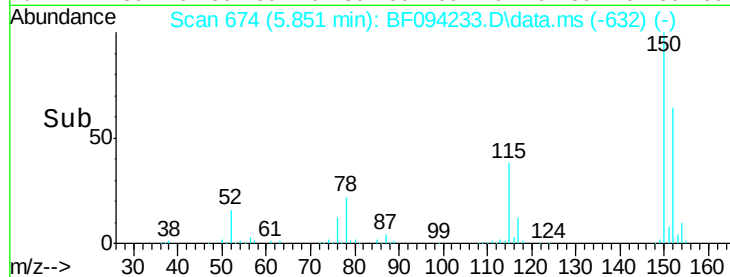
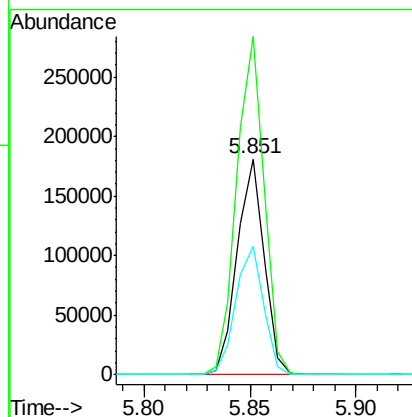
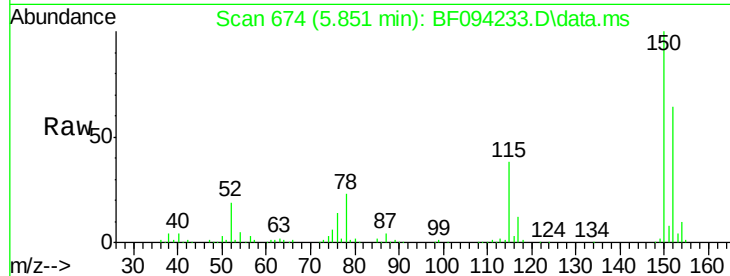
Tot Ion:152 Resp: 159162

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

115 59.8 52.2 78.2



#5

2-Fluorophenol

Concen: 100.81 ng

RT: 4.387 min Scan# 425

Delta R.T. -0.047 min

Lab File: BF094233.D

Acq: 6 Apr 2017 17:31

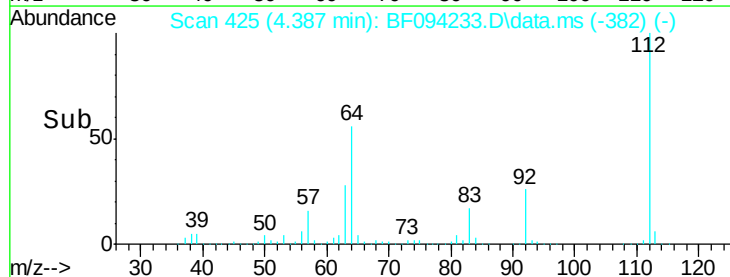
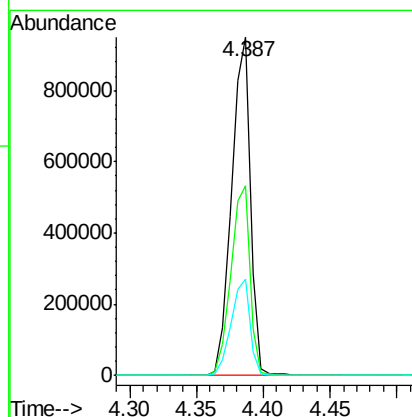
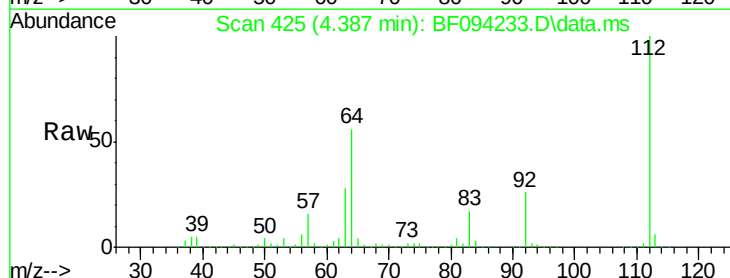
Tgt Ion:112 Resp: 949987

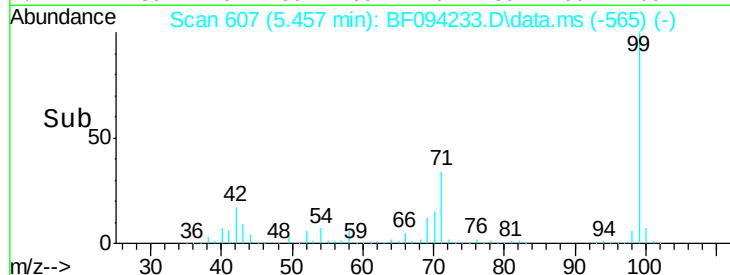
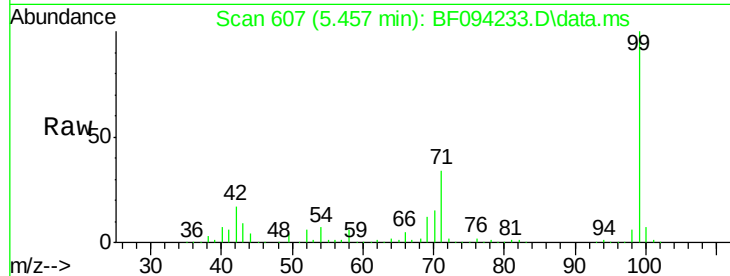
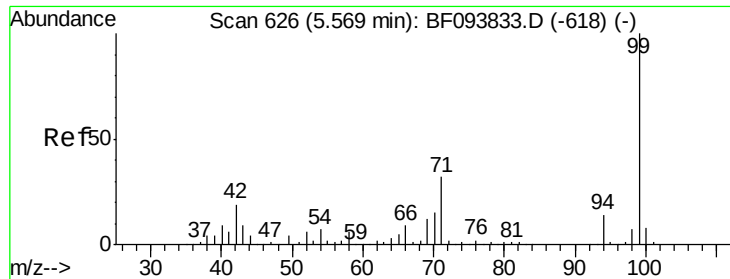
Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

63 28.3 23.4 35.0





#7

Phenol-d6

Concen: 104.33 ng

RT: 5.457 min Scan# 607

Delta R.T. -0.053 min

Lab File: BF094233.D

Acq: 6 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

B8-(0-5)

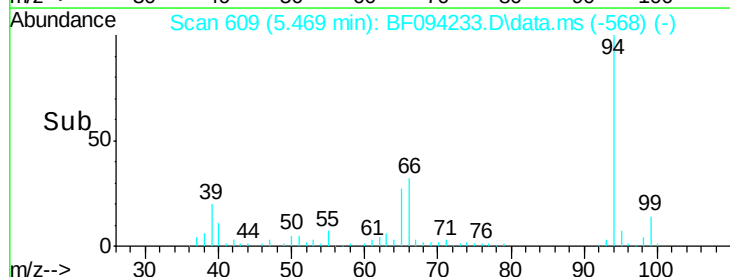
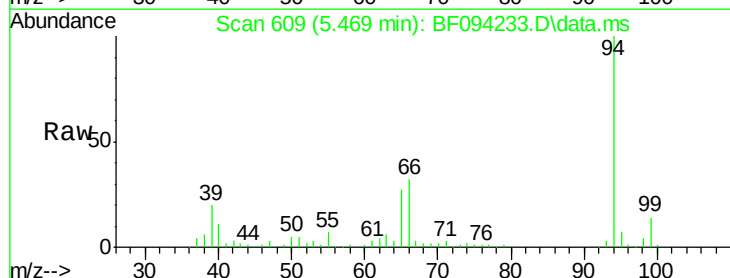
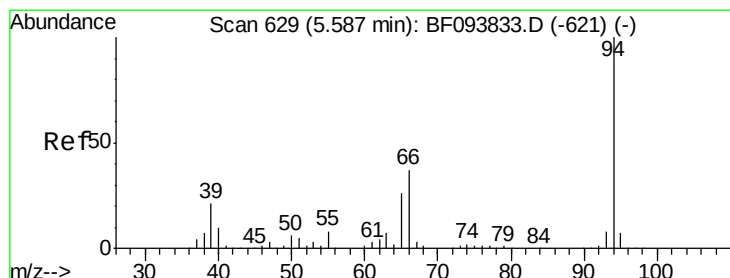
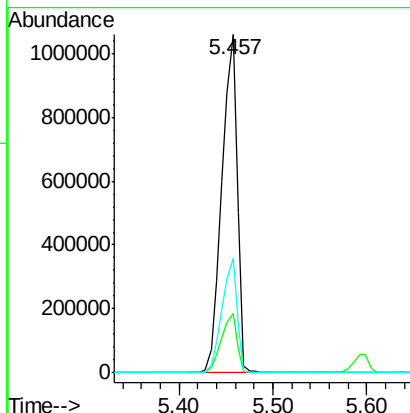
Tot Ion: 99 Resp: 1216191

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

71 33.8 24.5 36.7



#10

Phenol

Concen: 7.06 ng

RT: 5.469 min Scan# 609

Delta R.T. -0.059 min

Lab File: BF094233.D

Acq: 6 Apr 2017 17:31

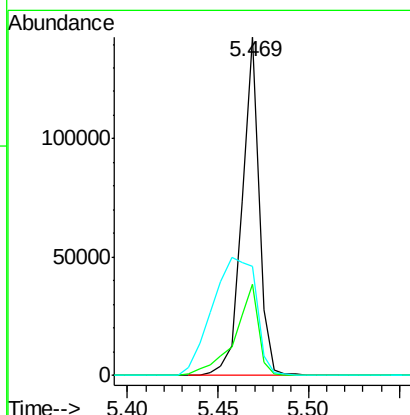
Tgt Ion: 94 Resp: 93680

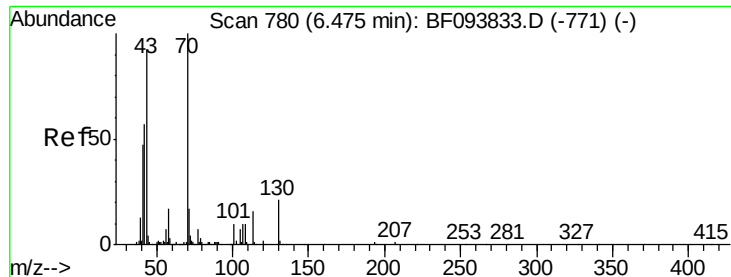
Ion Ratio Lower Upper

94 100

65 26.9 9.9 49.9

66 32.4 23.1 63.1

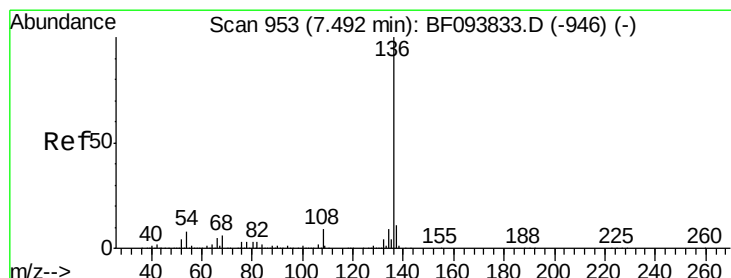
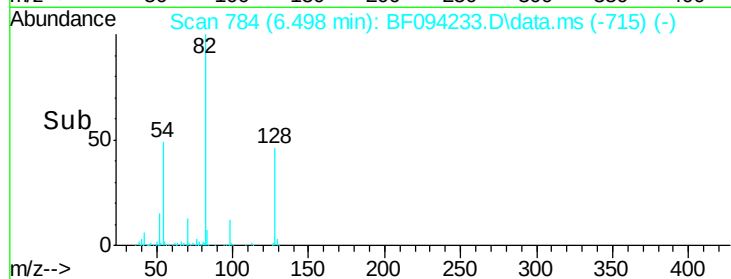
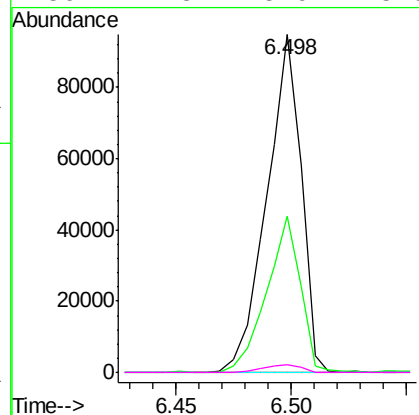
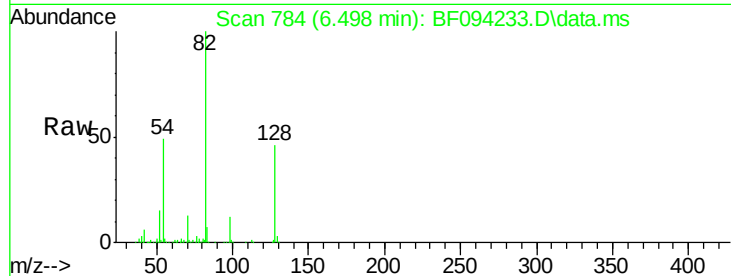




#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 6.498 min Scan# 780
Delta R.T. 0.106 min
Lab File: BF094233.D
Acq: 6 Apr 2017 17:31

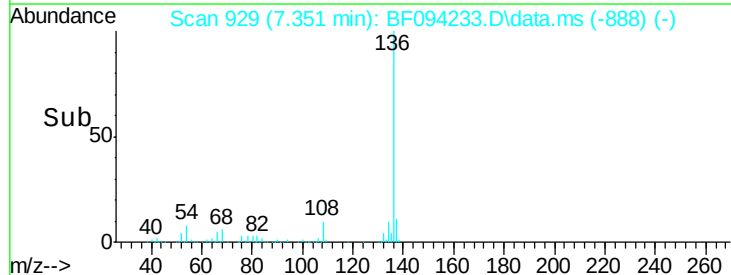
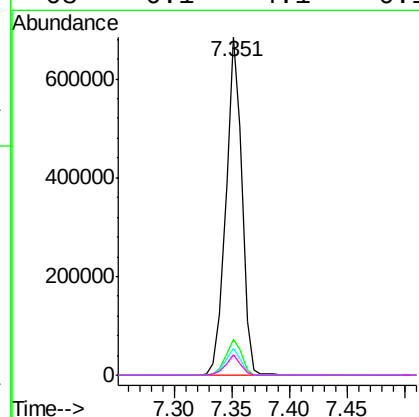
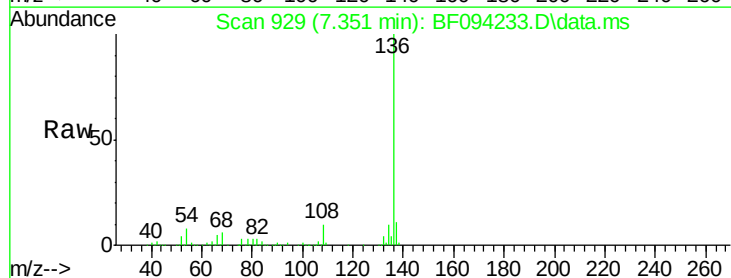
Instrument :
BNA_F
ClientSampleId :
B8-(0-5)

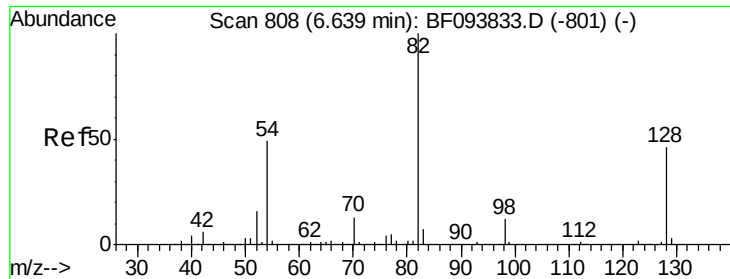
Tot Ion:	70	Resp:	97645
Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.351 min Scan# 929
Delta R.T. -0.059 min
Lab File: BF094233.D
Acq: 6 Apr 2017 17:31

Tgt Ion:	136	Resp:	657095
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.8	4.9	7.3#
68	6.1	4.1	6.1

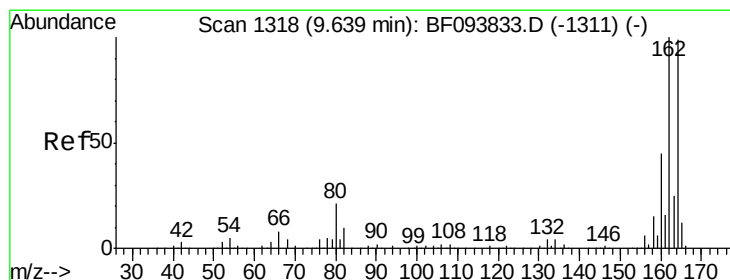
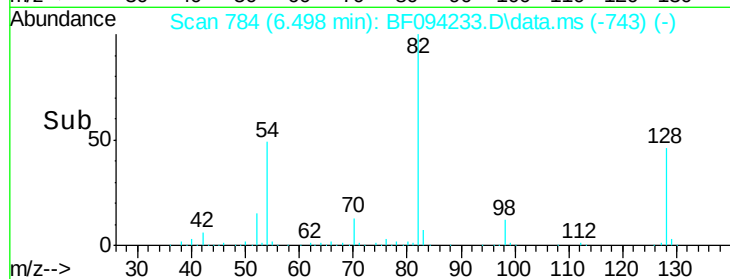
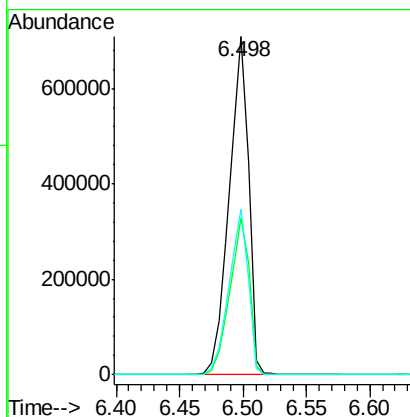
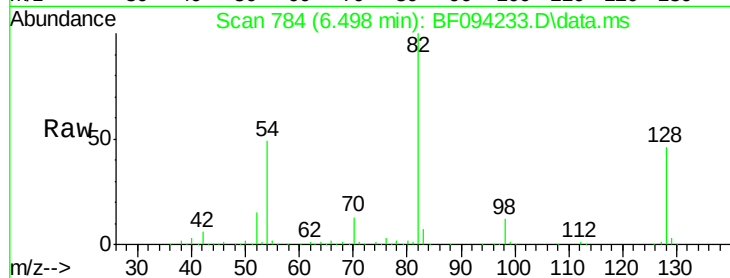




#23
 Nitrobenzene-d5
 Concen: 64.65 ng
 RT: 6.498 min Scan# 78
 Delta R.T. -0.059 min
 Lab File: BF094233.D
 Acq: 6 Apr 2017 17:31

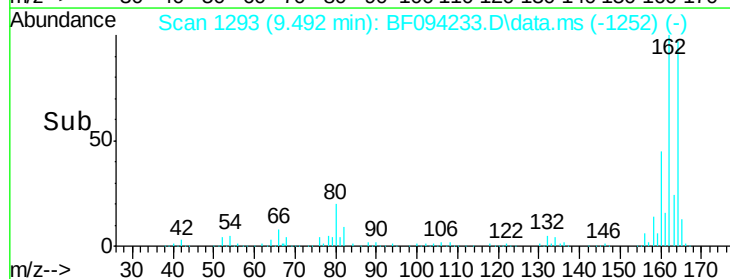
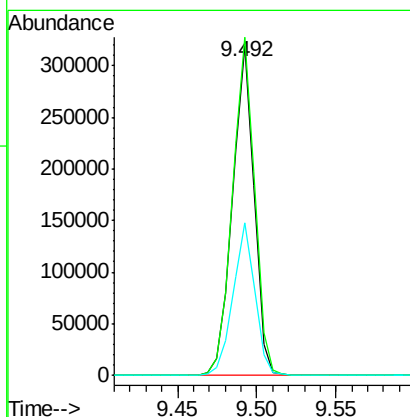
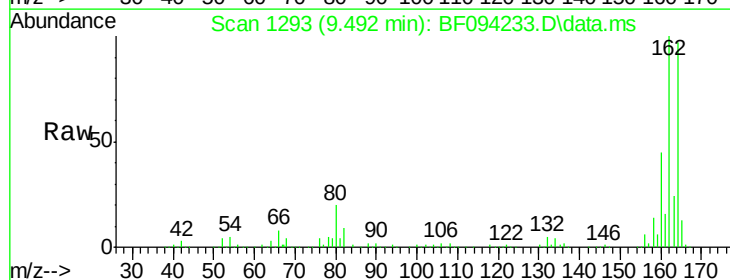
Instrument :
 BNA_F
 ClientSampleId :
 B8-(0-5)

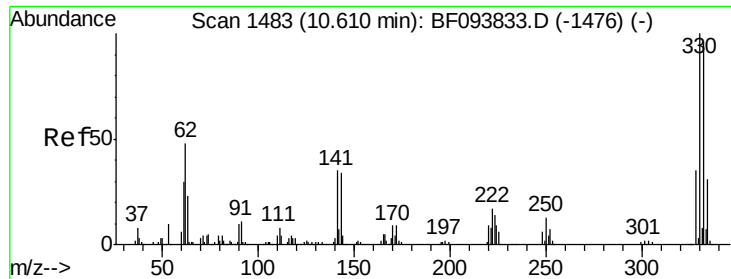
Tot Ion	82	Resp	744433
Ion Ratio	100	Lower	Upper
128	46.3	34.0	51.0
54	49.0	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.492 min Scan# 1293
 Delta R.T. -0.059 min
 Lab File: BF094233.D
 Acq: 6 Apr 2017 17:31

Tgt Ion	164	Resp	301774
Ion Ratio	100	Lower	Upper
162	102.7	82.6	123.8
160	46.5	36.2	54.2

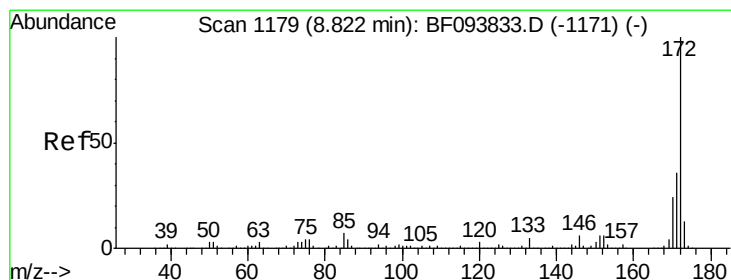
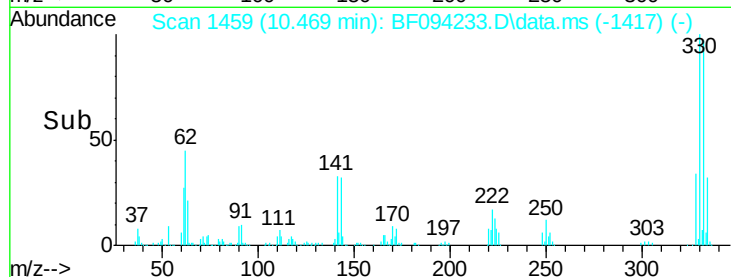
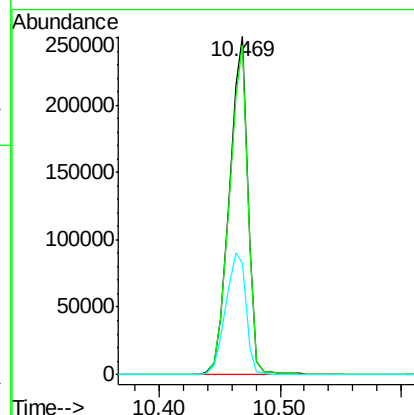
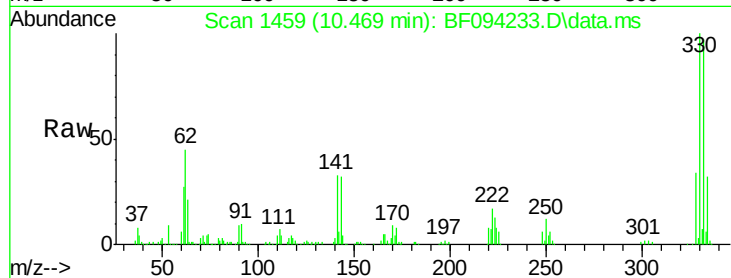




#41
 2,4,6-Tribromophenol
 Concen: 111.33 ng
 RT: 10.469 min Scan# 1483
 Delta R.T. -0.053 min
 Lab File: BF094233.D
 Acq: 6 Apr 2017 17:31

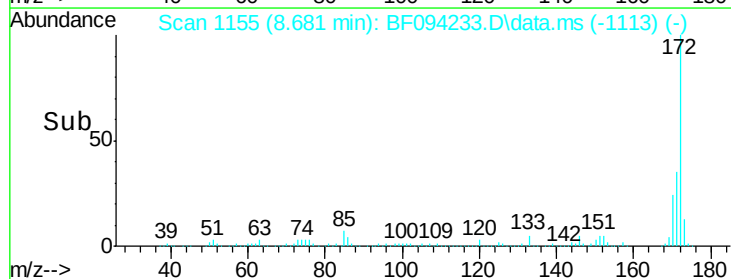
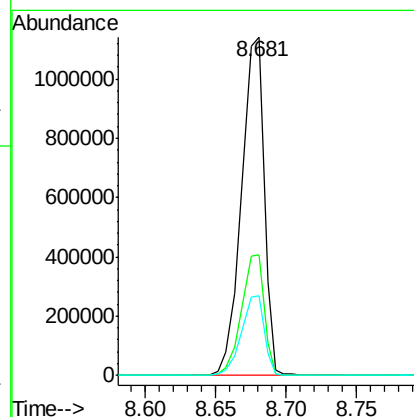
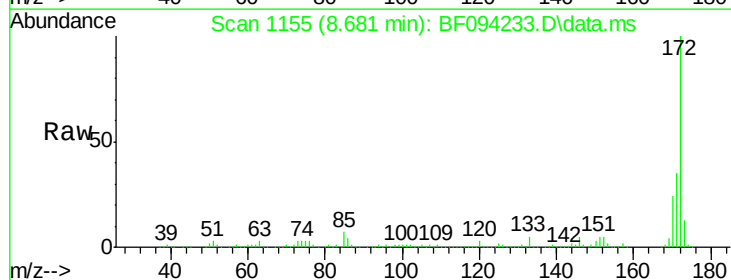
Instrument :
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 ClientSampleId :
 B8-(0-5)

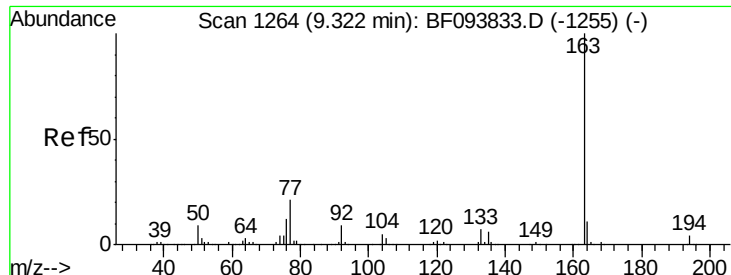
Tot Ion:330 Resp: 265475
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 39.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 64.97 ng
 RT: 8.681 min Scan# 1155
 Delta R.T. -0.053 min
 Lab File: BF094233.D
 Acq: 6 Apr 2017 17:31

Tgt Ion:172 Resp: 1285414
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.5 19.8 29.8

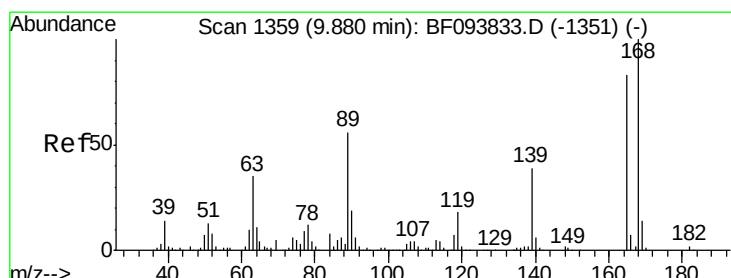
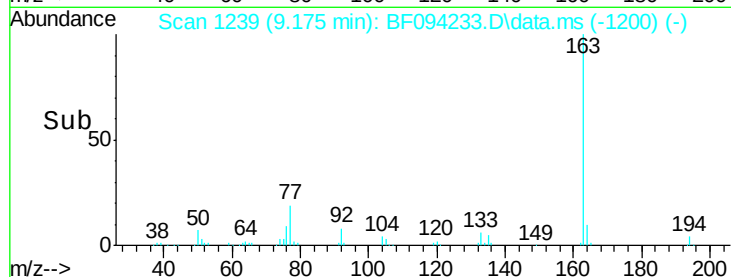
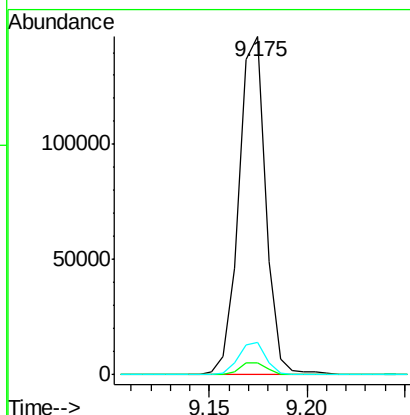
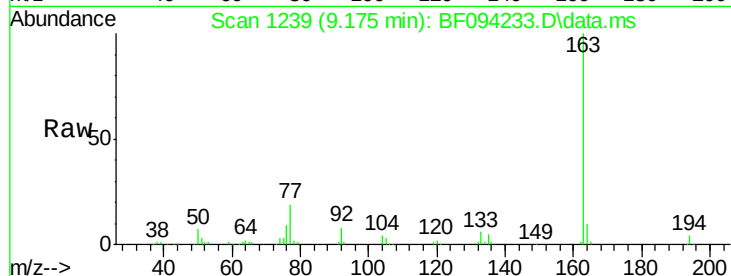




#49
Dimethylphthalate
Concen: 6.57 ng
RT: 9.175 min Scan# 1264
Delta R.T. -0.071 min
Lab File: BF094233.D
Acq: 6 Apr 2017 17:31

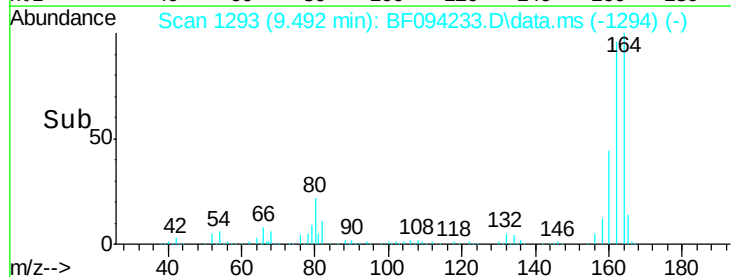
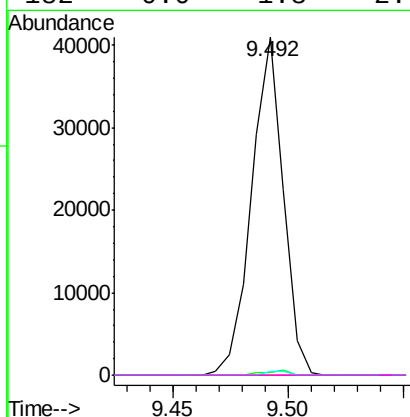
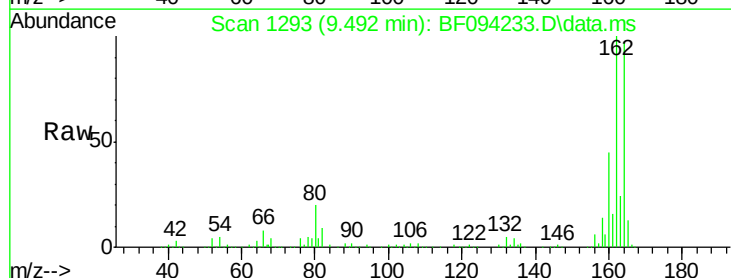
Instrument :
BNA_F
ClientSampleId :
B8-(0-5)

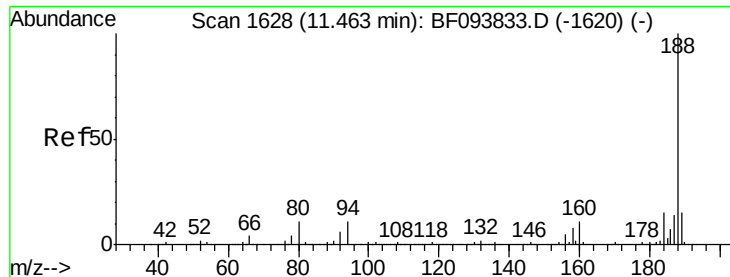
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.6	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.492 min Scan# 1293
Delta R.T. -0.306 min
Lab File: BF094233.D
Acq: 6 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#

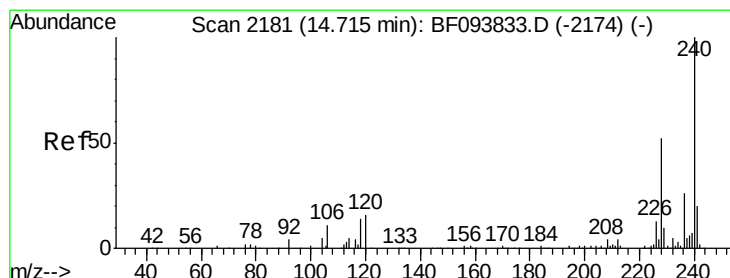
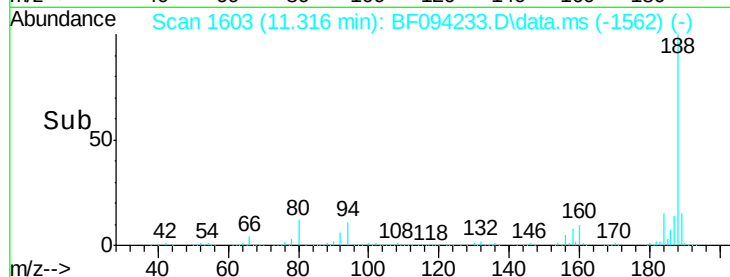
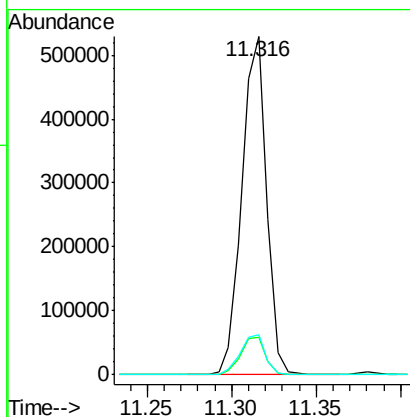
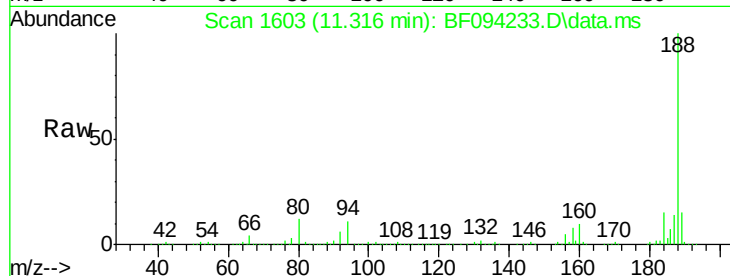




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 161
Delta R.T. -0.059 min
Lab File: BF094233.D
Acq: 6 Apr 2017 17:31

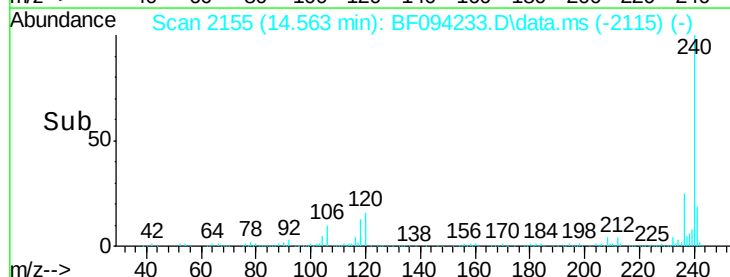
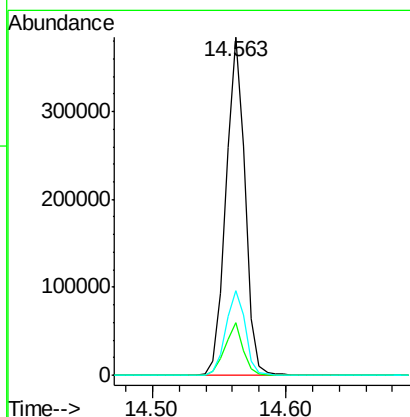
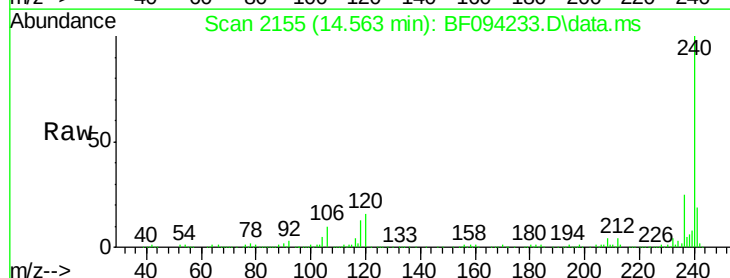
Instrument :
BNA_F
ClientSampleId :
B8-(0-5)

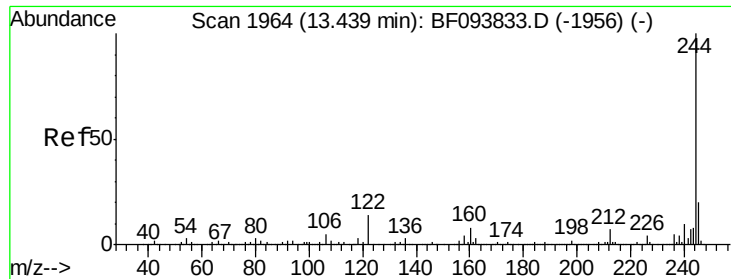
Tot Ion:188 Resp: 540198
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.563 min Scan# 2155
Delta R.T. -0.065 min
Lab File: BF094233.D
Acq: 6 Apr 2017 17:31

Tgt Ion:240 Resp: 388803
Ion Ratio Lower Upper
240 100
120 15.6 5.8 8.8#
236 25.1 20.5 30.7





#78

Terphenyl-d14

Concen: 59.25 ng

RT: 13.298 min Scan# 19

Delta R.T. -0.053 min

Lab File: BF094233.D

Acq: 6 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

B8-(0-5)

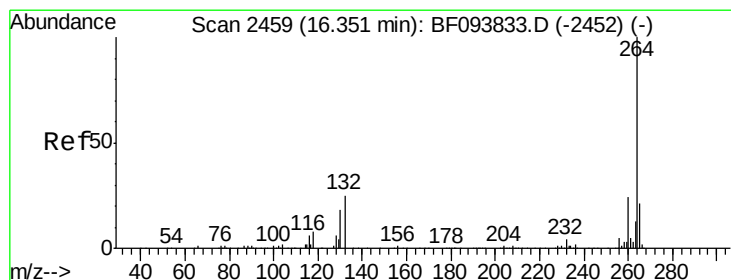
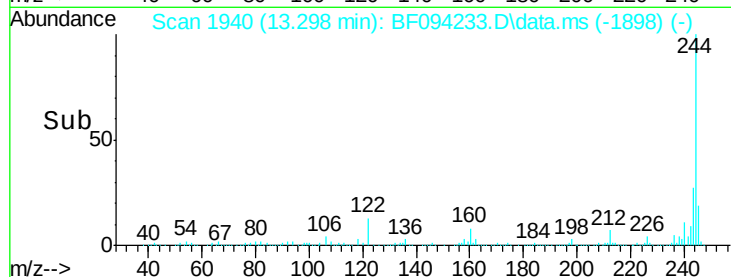
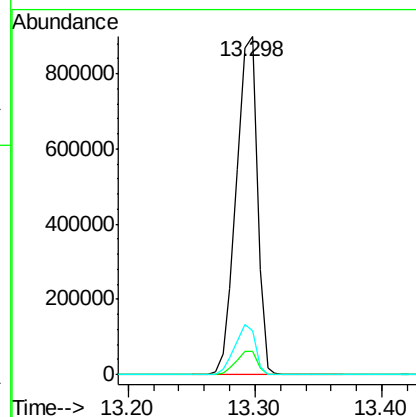
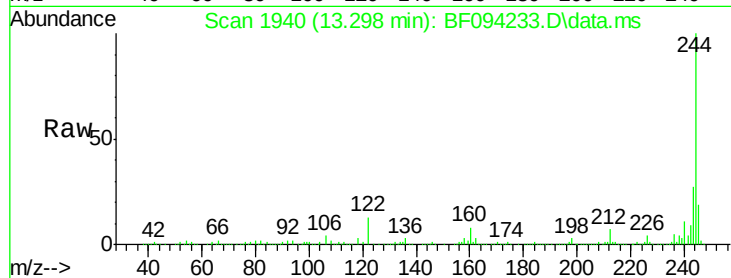
Tot Ion:244 Resp: 1027701

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 12.9 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: BF094233.D

Acq: 6 Apr 2017 17:31

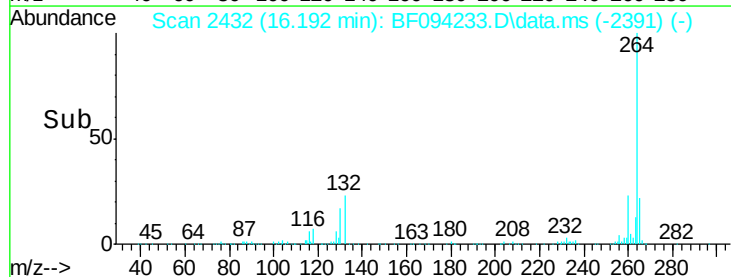
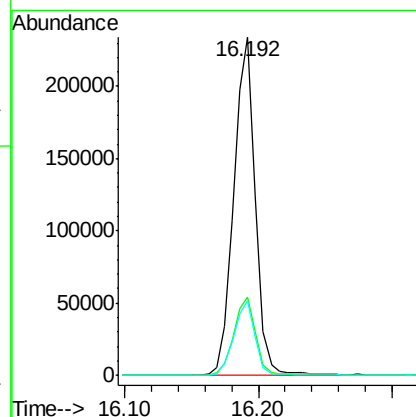
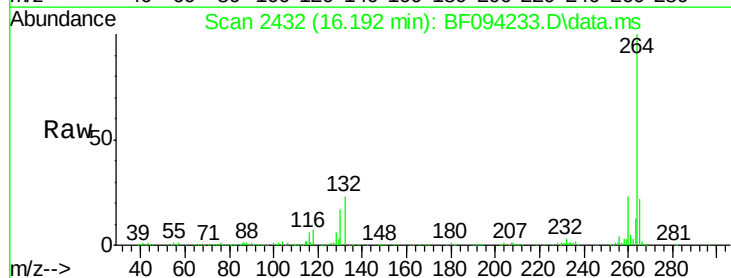
Tgt Ion:264 Resp: 265684

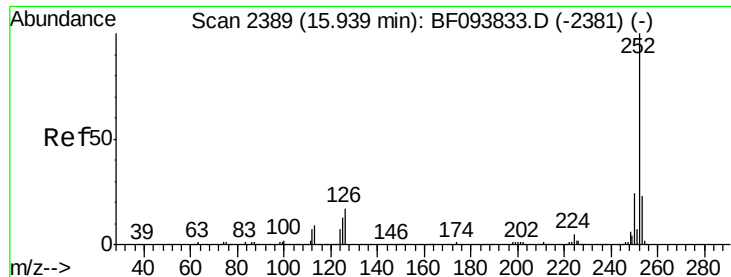
Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.13 ng

RT: 15.780 min Scan# 2362

Delta R.T. -0.071 min

Lab File: BF094233.D

Acq: 6 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

B8-(0-5)

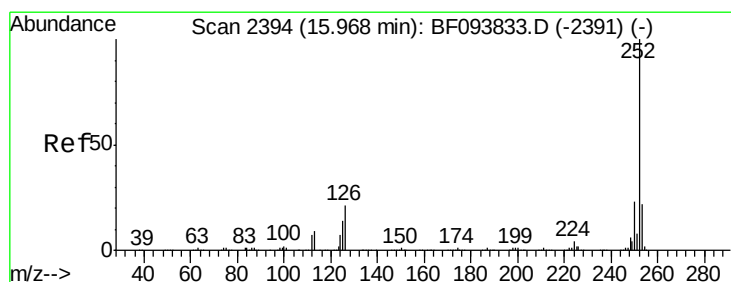
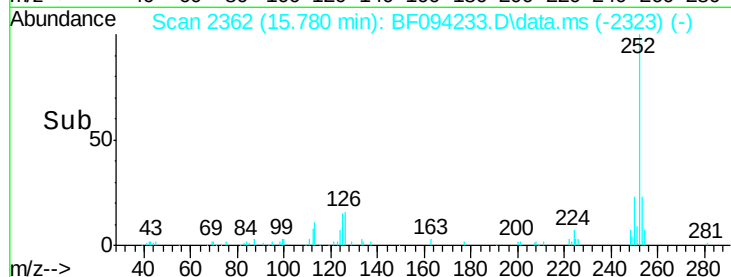
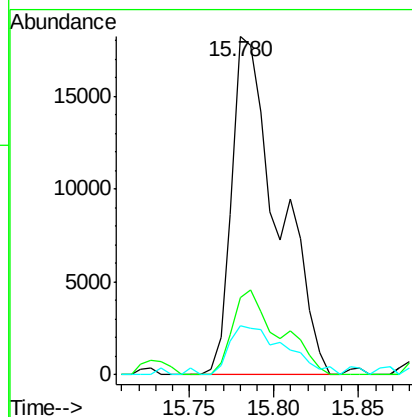
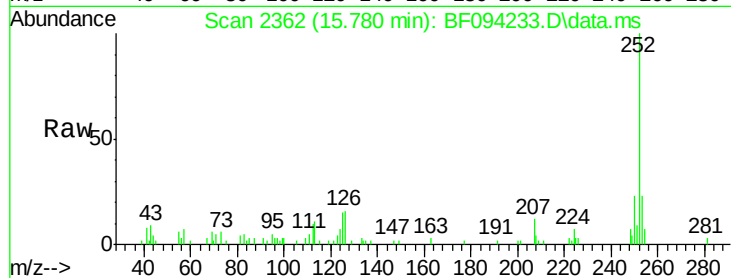
Tot Ion:252 Resp: 34719

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 14.6 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 2.18 ng

RT: 15.780 min Scan# 2362

Delta R.T. -0.100 min

Lab File: BF094233.D

Acq: 6 Apr 2017 17:31

Tgt Ion:252 Resp: 34719

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

125 14.6 13.1 19.7

