

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094104.D
 Acq On : 31 Mar 2017 18:57
 Operator : SJ/MA
 Sample : I2457-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Apr 01 00:25:02 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

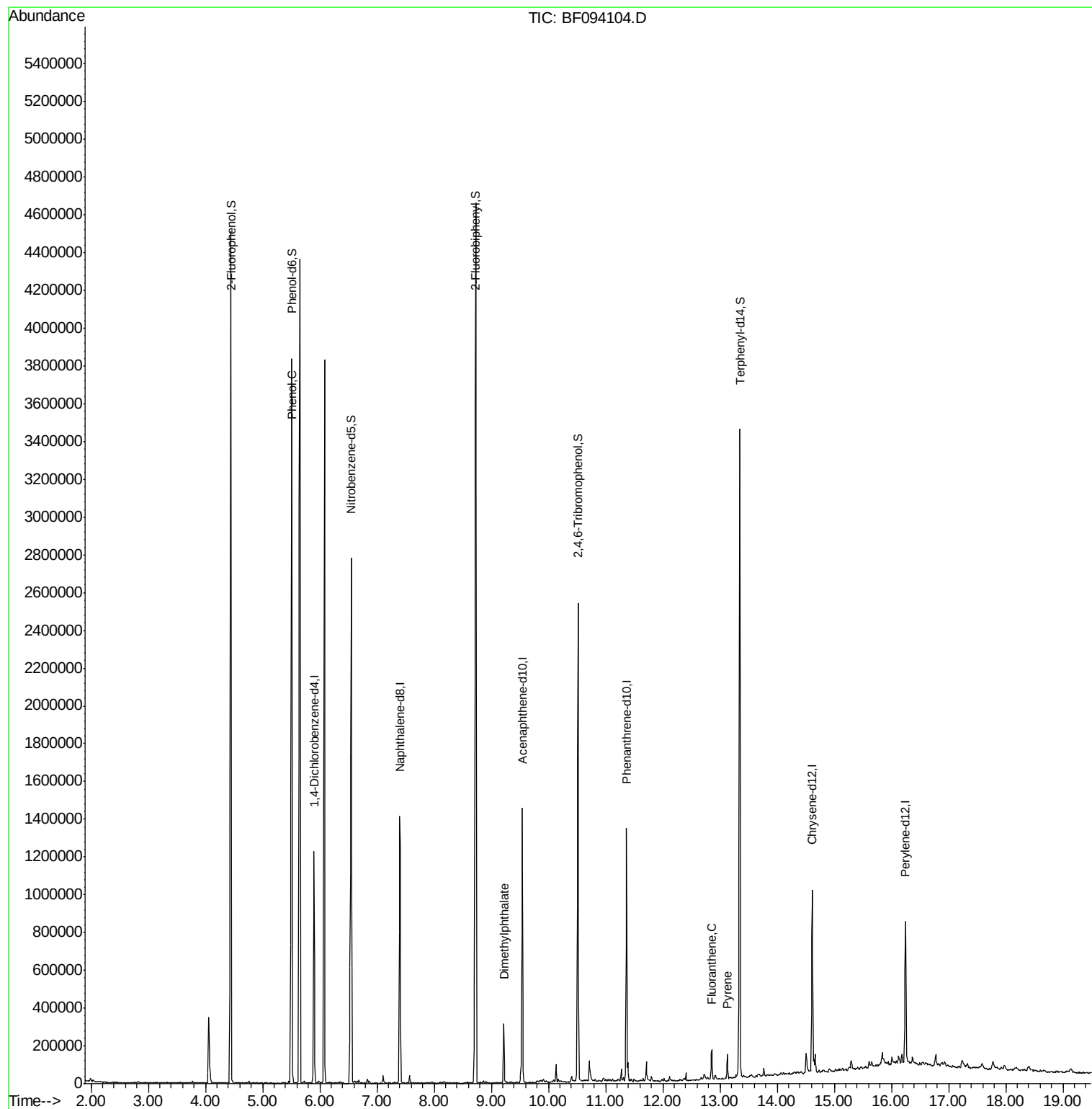
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	195465	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	762243	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	336520	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	547264	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	348934	20.00	ng	-0.01
86) Perylene-d12	16.24	264	309680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.45	112	1547663	133.73	ng	0.01
7) Phenol-d6	5.51	99	2006037	140.12	ng	0.00
23) Nitrobenzene-d5	6.55	82	1241984	92.99	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	375944	141.37	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1925845	87.29	ng	0.00
78) Terphenyl-d14	13.35	244	1341314	86.16	ng	0.00
Target Compounds						
10) Phenol	5.52	94	54901	3.37	ng	89
49) Dimethylphthalate	9.22	163	145151	6.07	ng	98
74) Fluoranthene	12.86	202	68780	2.21	ng	98
77) Pyrene	13.13	202	55127	2.18	ng	99

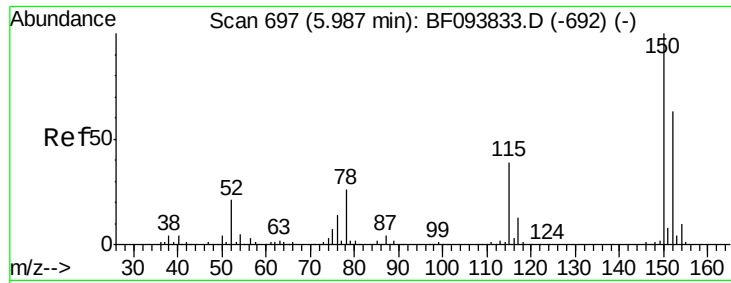
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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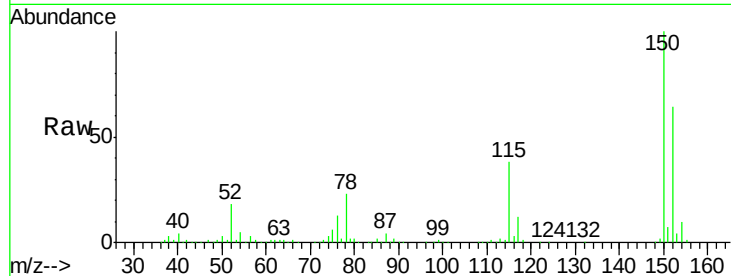


#1

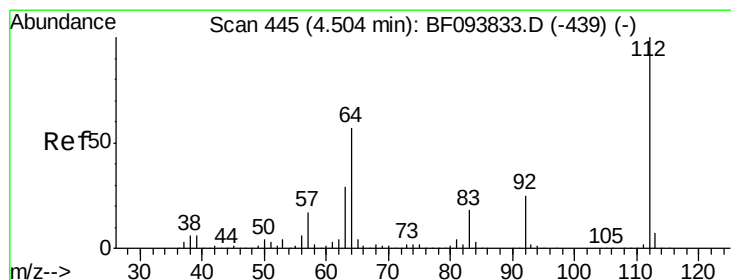
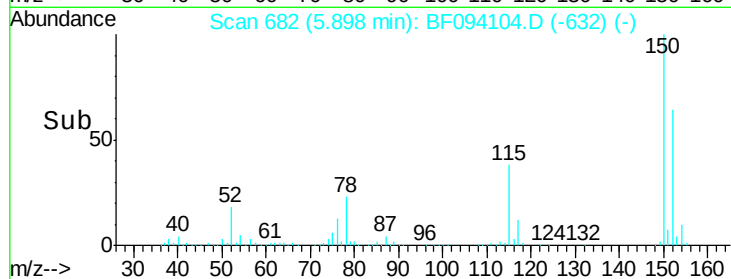
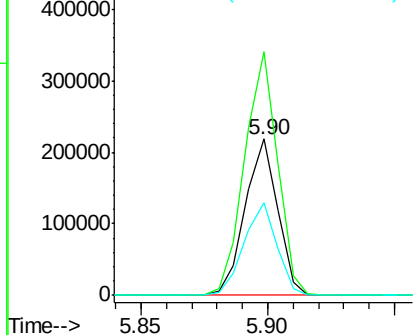
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.90 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094104.D
 Acq: 31 Mar 2017 18:57

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tot Ion:152 Resp: 195465
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.2
 115 59.5 52.2 78.2



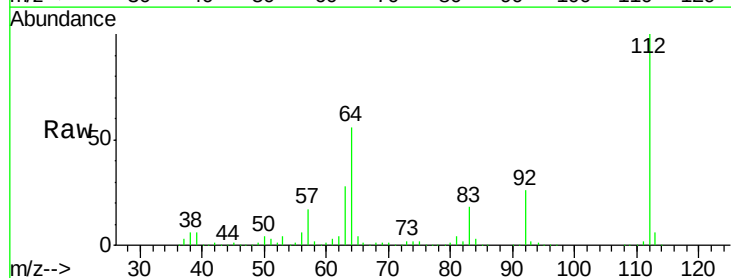
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



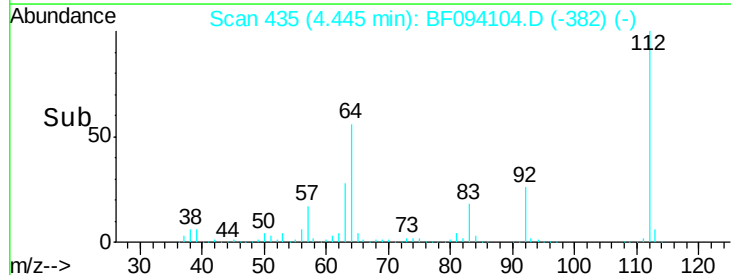
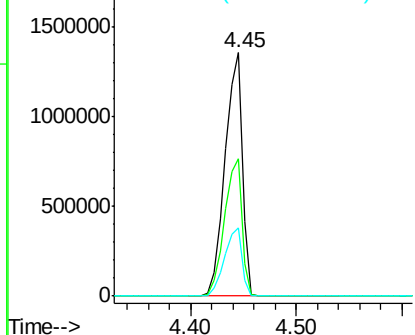
#5

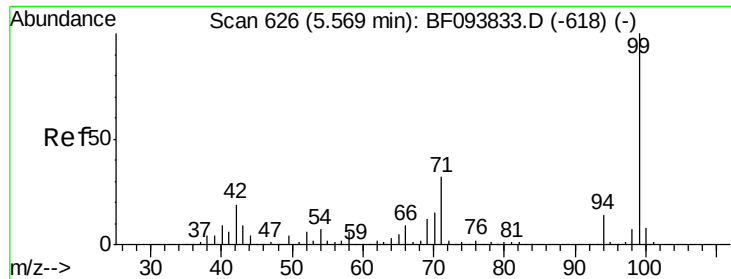
2-Fluorophenol
 Concen: 133.73 ng
 RT: 4.45 min Scan# 435
 Delta R.T. 0.01 min
 Lab File: BF094104.D
 Acq: 31 Mar 2017 18:57

Tgt Ion:112 Resp: 1547663
 Ion Ratio Lower Upper
 112 100
 64 56.4 46.0 69.0
 63 27.8 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

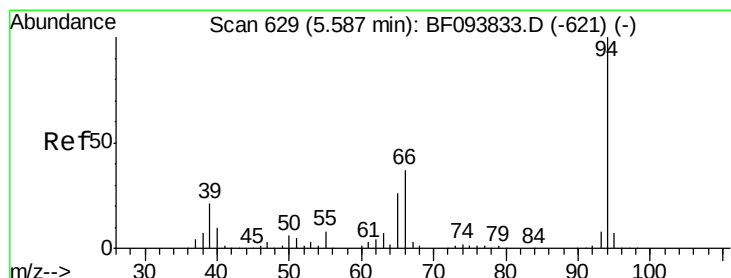
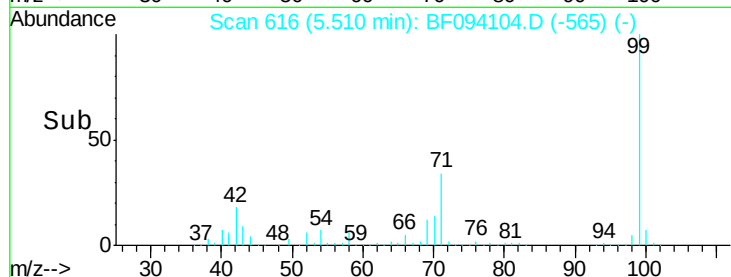
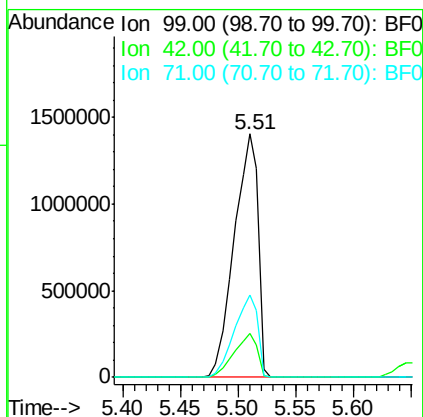
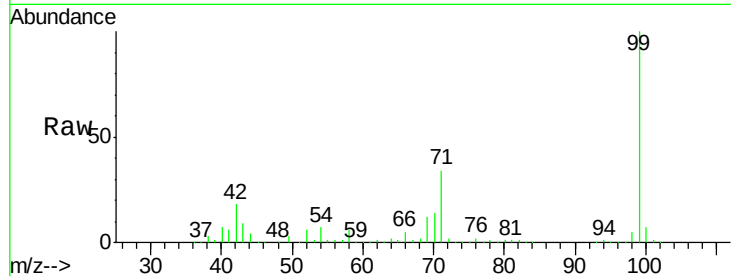




#7
Phenol-d6
Concen: 140.12 ng
RT: 5.51 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF094104.D
Acq: 31 Mar 2017 18:57

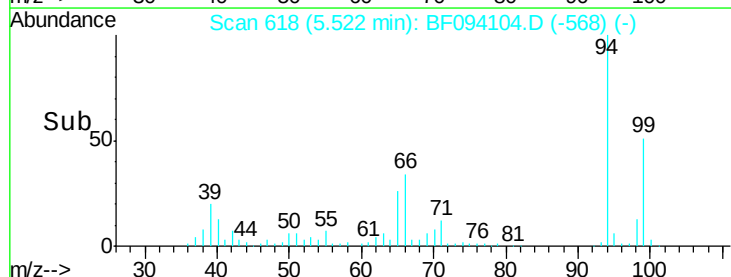
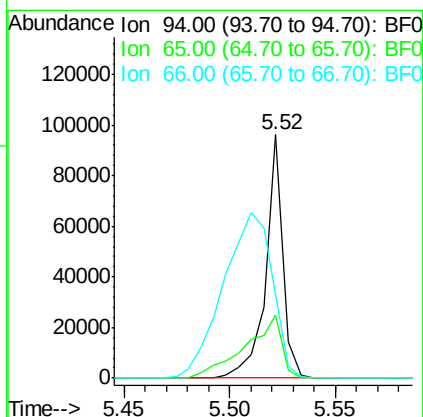
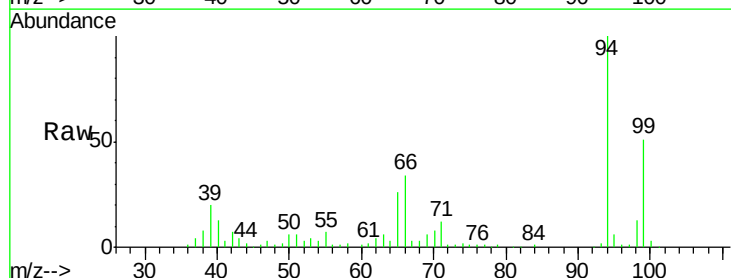
Instrument :
BNA_F
ClientSampled :
S-1

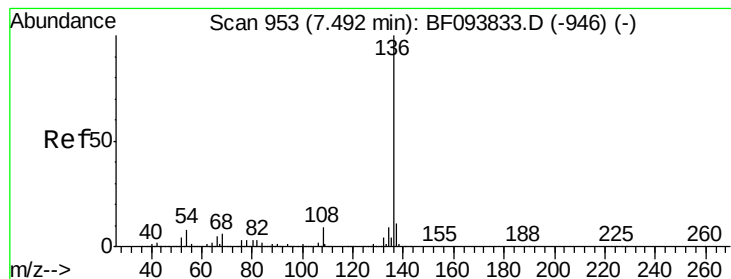
Tot Ion: 99 Resp: 2006037
Ion Ratio Lower Upper
99 100
42 18.1 13.5 20.3
71 34.1 24.5 36.7



#10
Phenol
Concen: 3.37 ng
RT: 5.52 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF094104.D
Acq: 31 Mar 2017 18:57

Tgt Ion: 94 Resp: 54901
Ion Ratio Lower Upper
94 100
65 26.1 9.9 49.9
66 34.1 23.1 63.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF094104.D

Acq: 31 Mar 2017 18:57

Instrument :

BNA_F

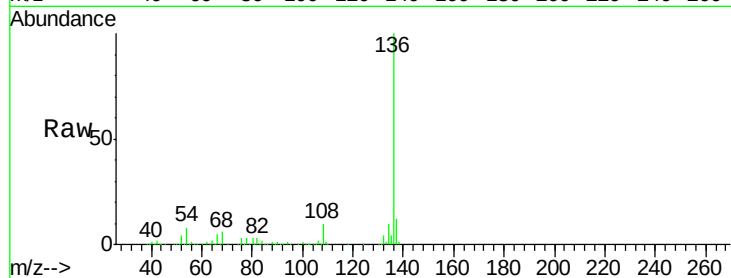
ClientSampleId :

S-1

Tot Ion:136 Resp: 762243

Ion Ratio Lower Upper

136	100		
137	11.7	8.5	12.7
54	7.6	4.9	7.3#
68	5.9	4.1	6.1

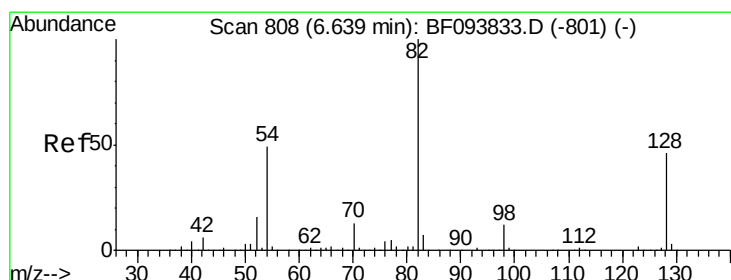
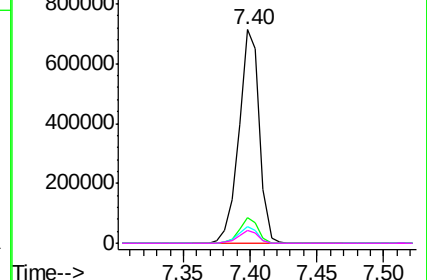
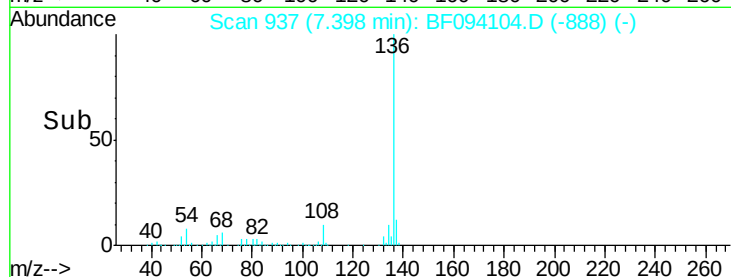


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.99 ng

RT: 6.55 min Scan# 793

Delta R.T. -0.01 min

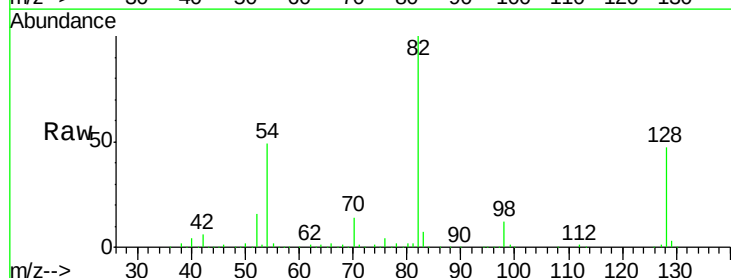
Lab File: BF094104.D

Acq: 31 Mar 2017 18:57

Tgt Ion: 82 Resp: 1241984

Ion Ratio Lower Upper

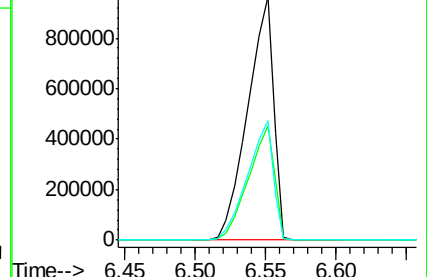
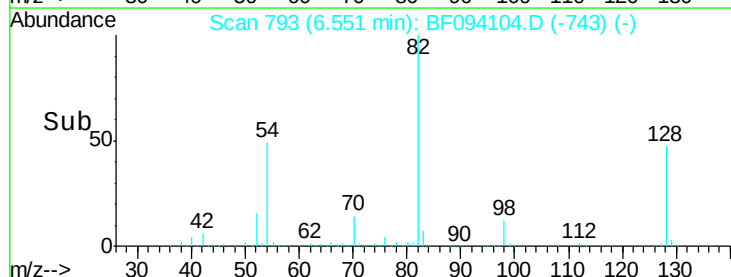
82	100		
128	46.9	34.0	51.0
54	49.0	42.2	63.2

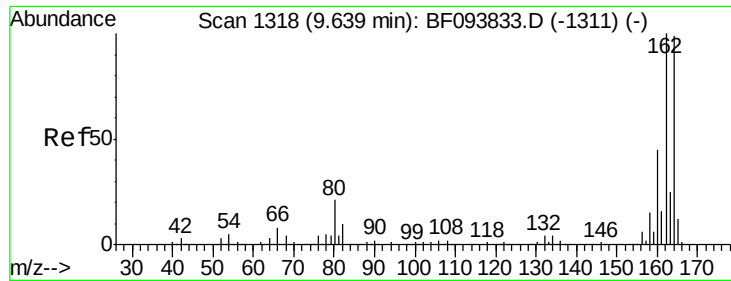


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

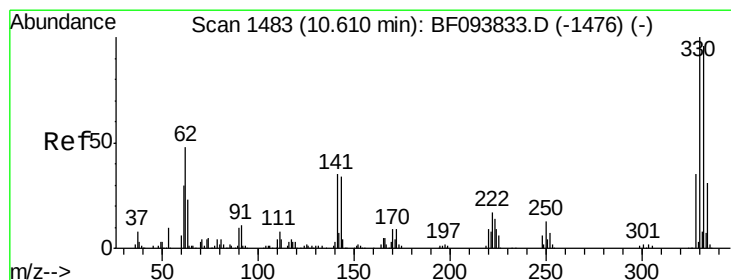
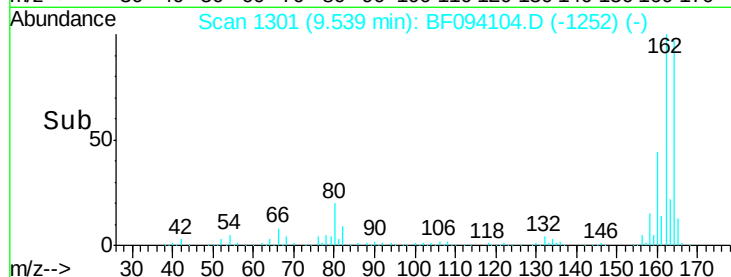
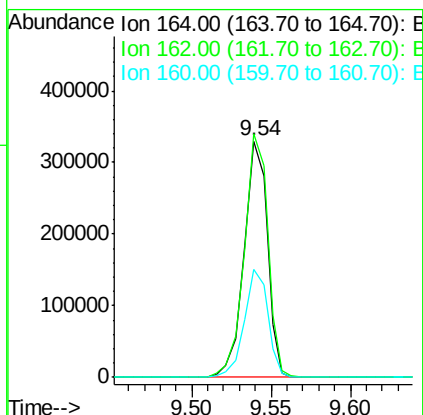
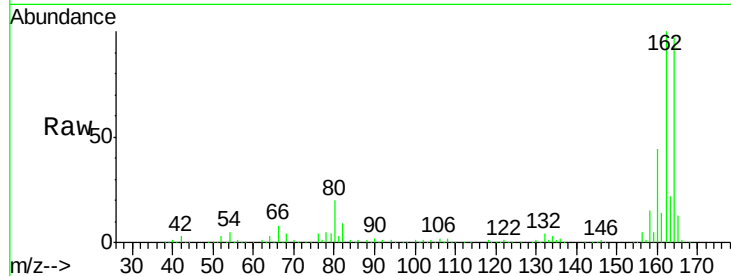




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094104.D
Acq: 31 Mar 2017 18:57

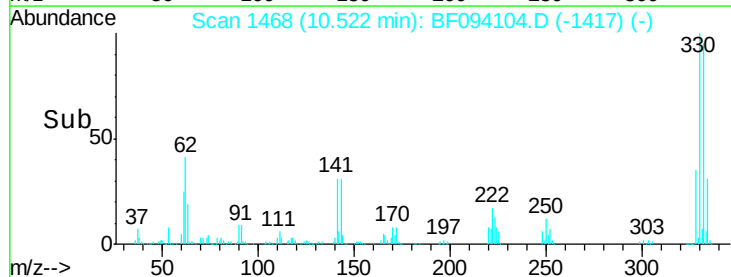
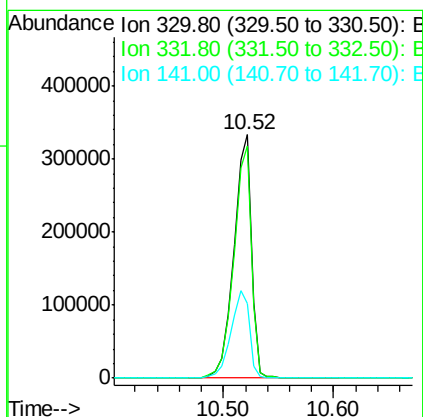
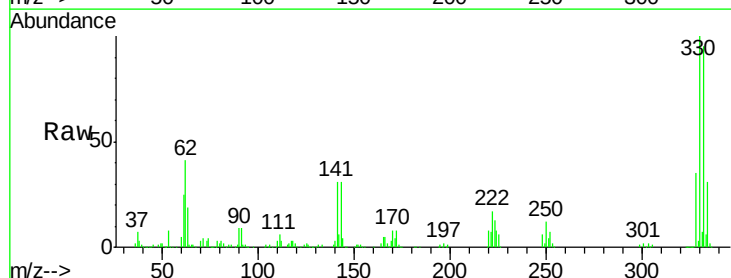
Instrument :
BNA_F
ClientSampleId :
S-1

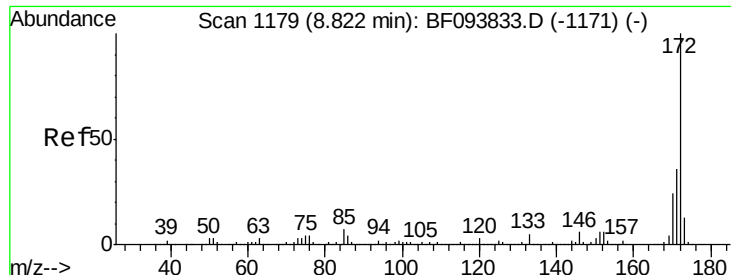
Tot Ion:164 Resp: 336520
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 45.7 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 141.37 ng
RT: 10.52 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF094104.D
Acq: 31 Mar 2017 18:57

Tgt Ion:330 Resp: 375944
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 37.8 31.4 47.2

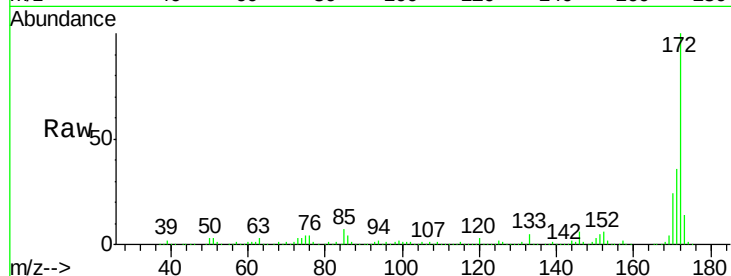




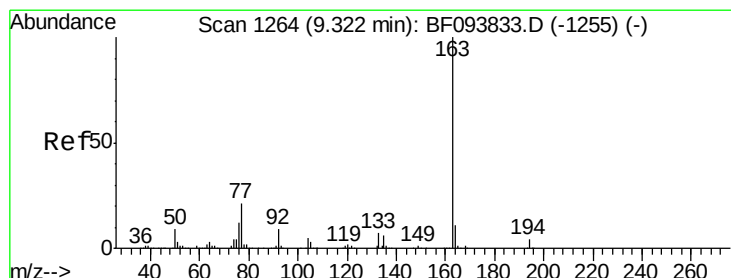
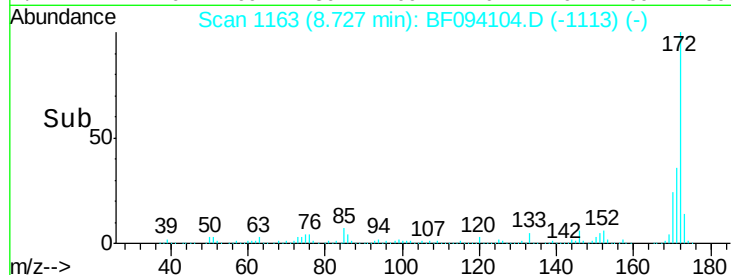
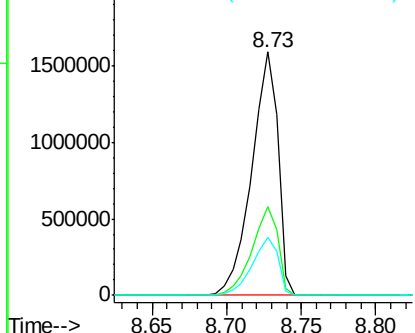
#44
2-Fluorobiphenyl
Concen: 87.29 ng
RT: 8.73 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF094104.D
Acq: 31 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
S-1

Tot Ion:172 Resp: 1925845
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.0 19.8 29.8

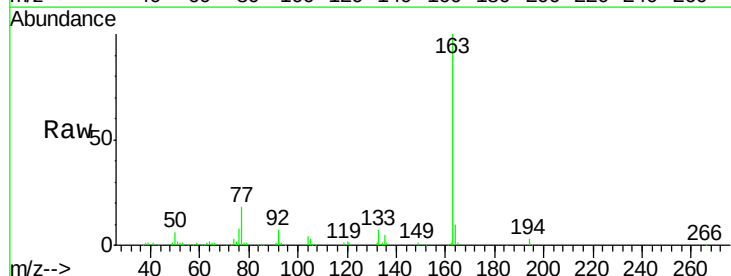


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

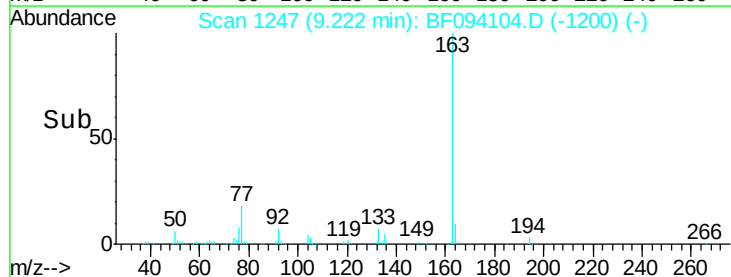
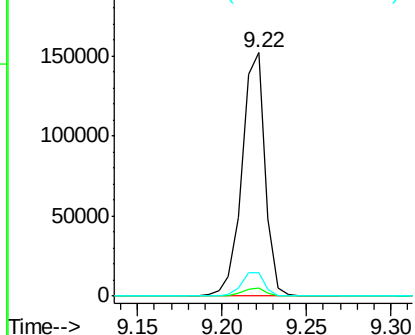


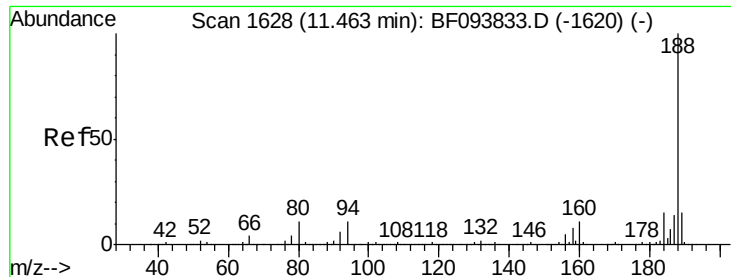
#49
Dimethylphthalate
Concen: 6.07 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF094104.D
Acq: 31 Mar 2017 18:57

Tgt Ion:163 Resp: 145151
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.6 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: 20.00 ng

RT: 11.36 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF094104.D

Acq: 31 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

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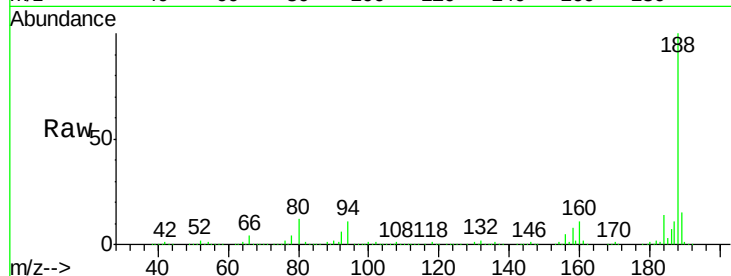
Tot Ion:188 Resp: 547264

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

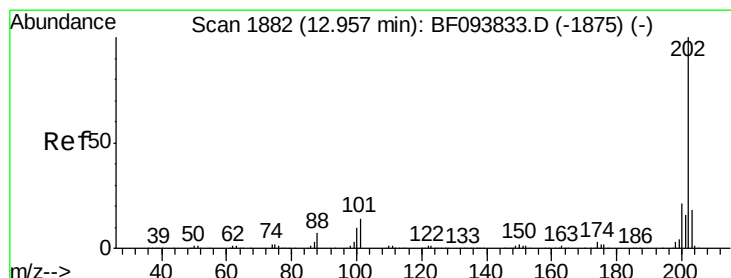
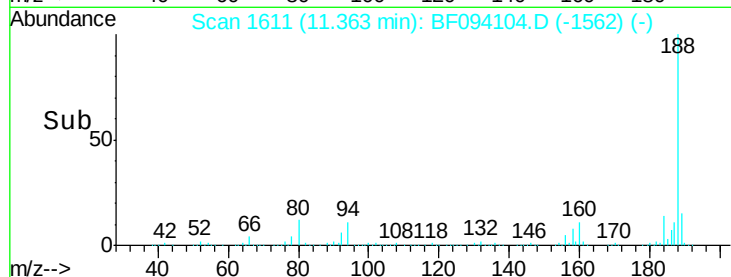
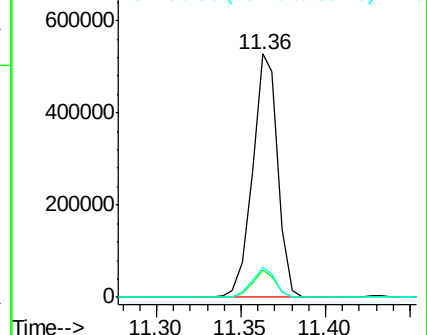
80 12.4 10.2 15.2



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



#74

Fluoranthene

Concen: 2.21 ng

RT: 12.86 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF094104.D

Acq: 31 Mar 2017 18:57

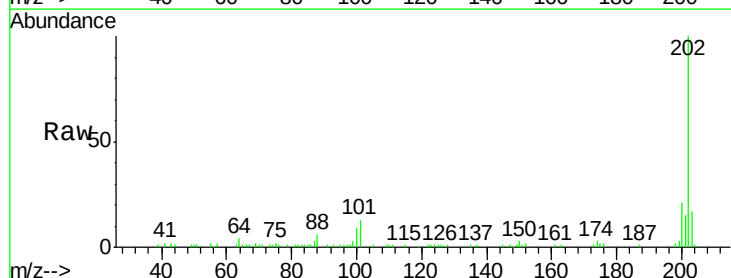
Tgt Ion:202 Resp: 68780

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.2

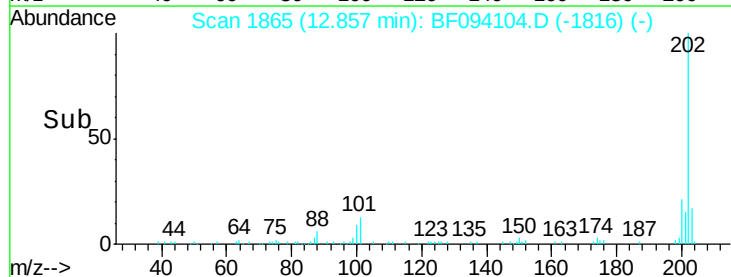
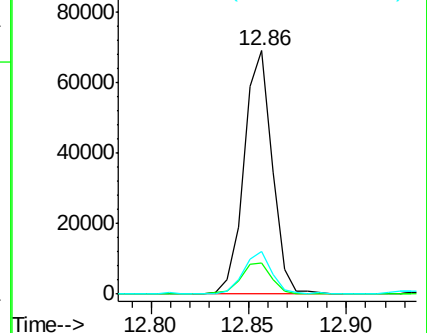
203 17.3 0.0 38.1

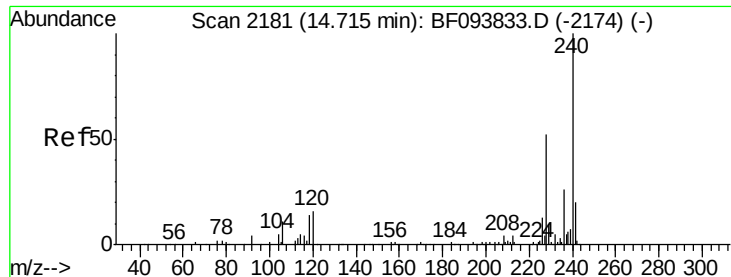


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF094104.D

Acq: 31 Mar 2017 18:57

Instrument :

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ClientSampleId :

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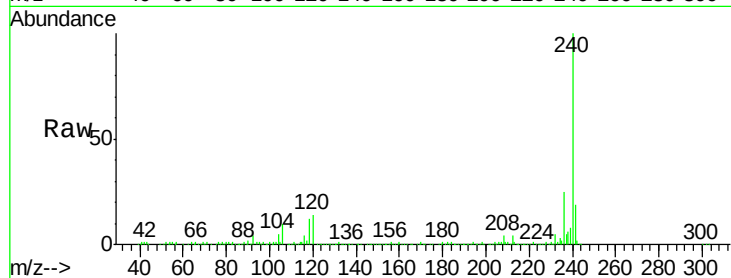
Tot Ion:240 Resp: 348934

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

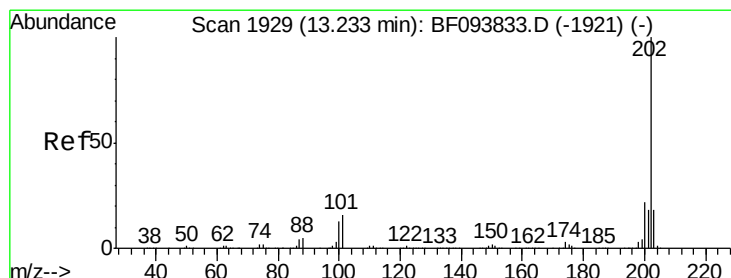
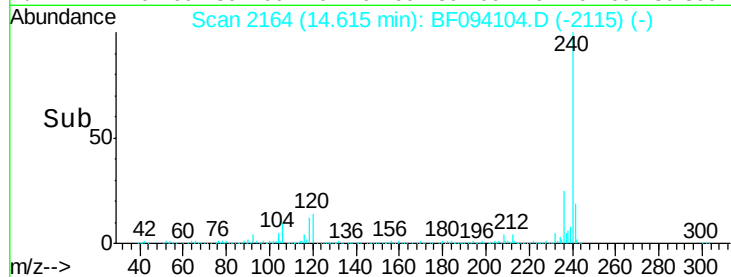
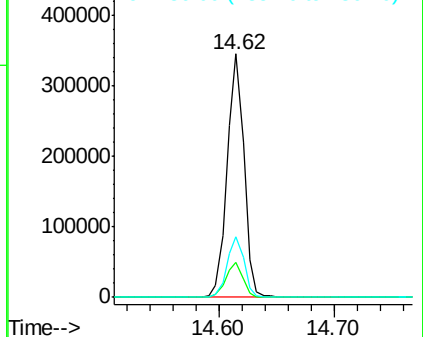
236 25.0 20.5 30.7



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



#77

Pyrene

Concen: 2.18 ng

RT: 13.13 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF094104.D

Acq: 31 Mar 2017 18:57

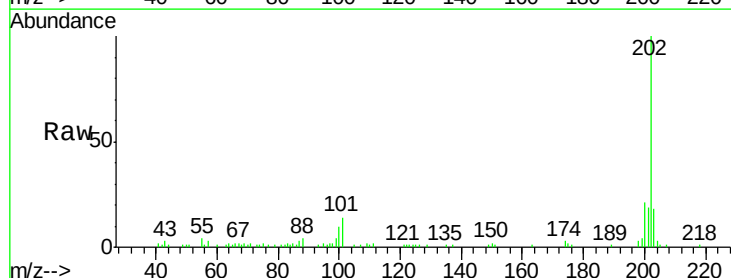
Tgt Ion:202 Resp: 55127

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

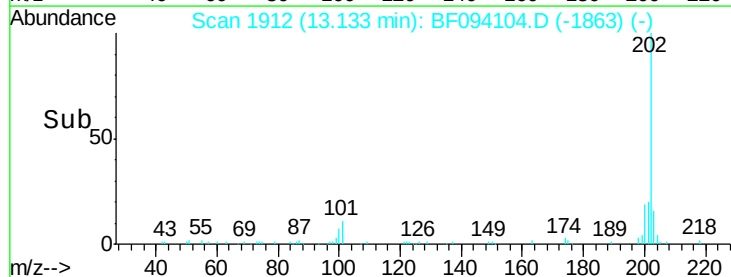
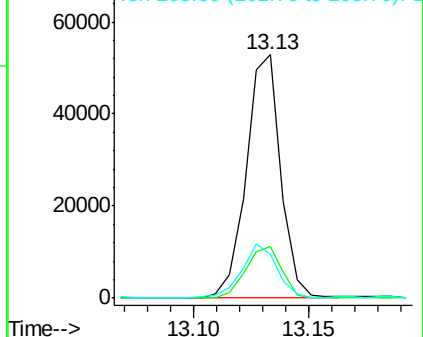
203 17.9 14.4 21.6

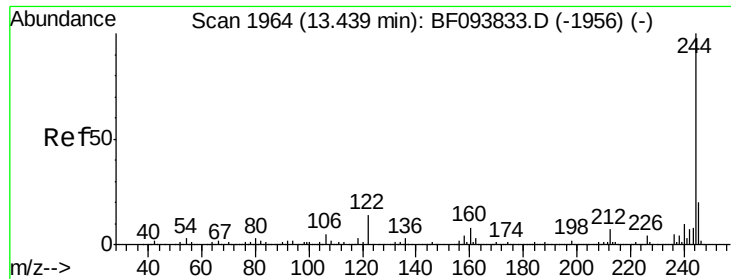


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.16 ng

RT: 13.35 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BF094104.D

Acq: 31 Mar 2017 18:57

Instrument :

BNA_F

ClientSampled :

S-1

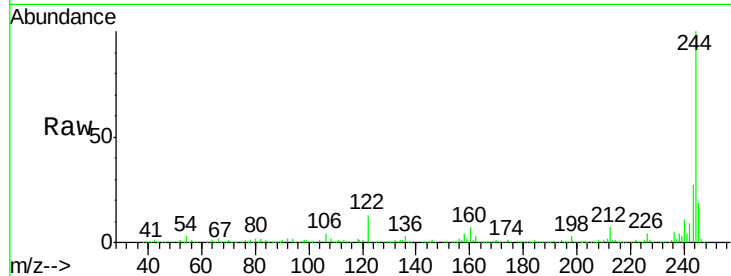
Tot Ion:244 Resp: 1341314

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

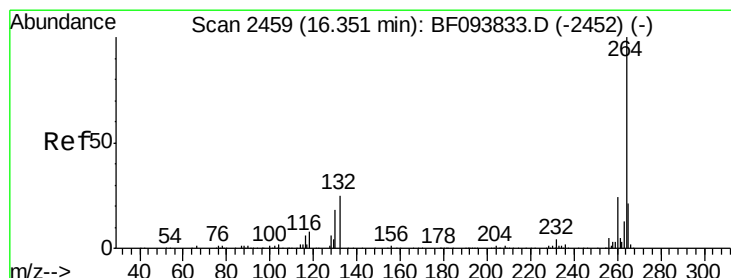
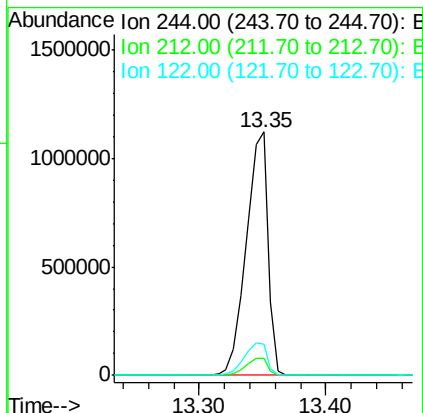
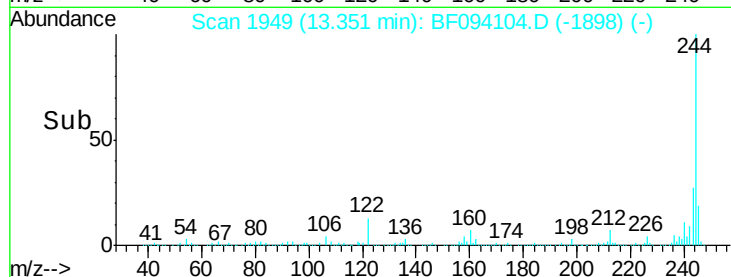
122 12.7 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.24 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BF094104.D

Acq: 31 Mar 2017 18:57

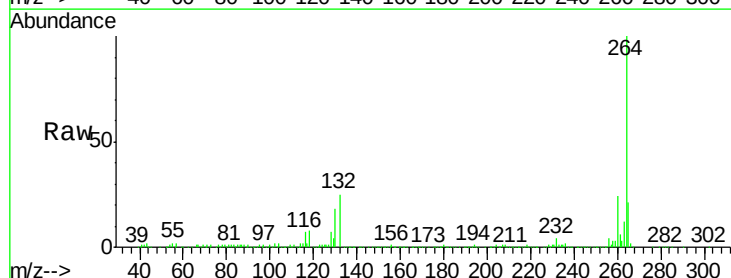
Tgt Ion:264 Resp: 309680

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

