

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094026.D
 Acq On : 29 Mar 2017 18:49
 Operator : SJ/MA
 Sample : I2443-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-7-8-BASE

Quant Time: Mar 30 03:53:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

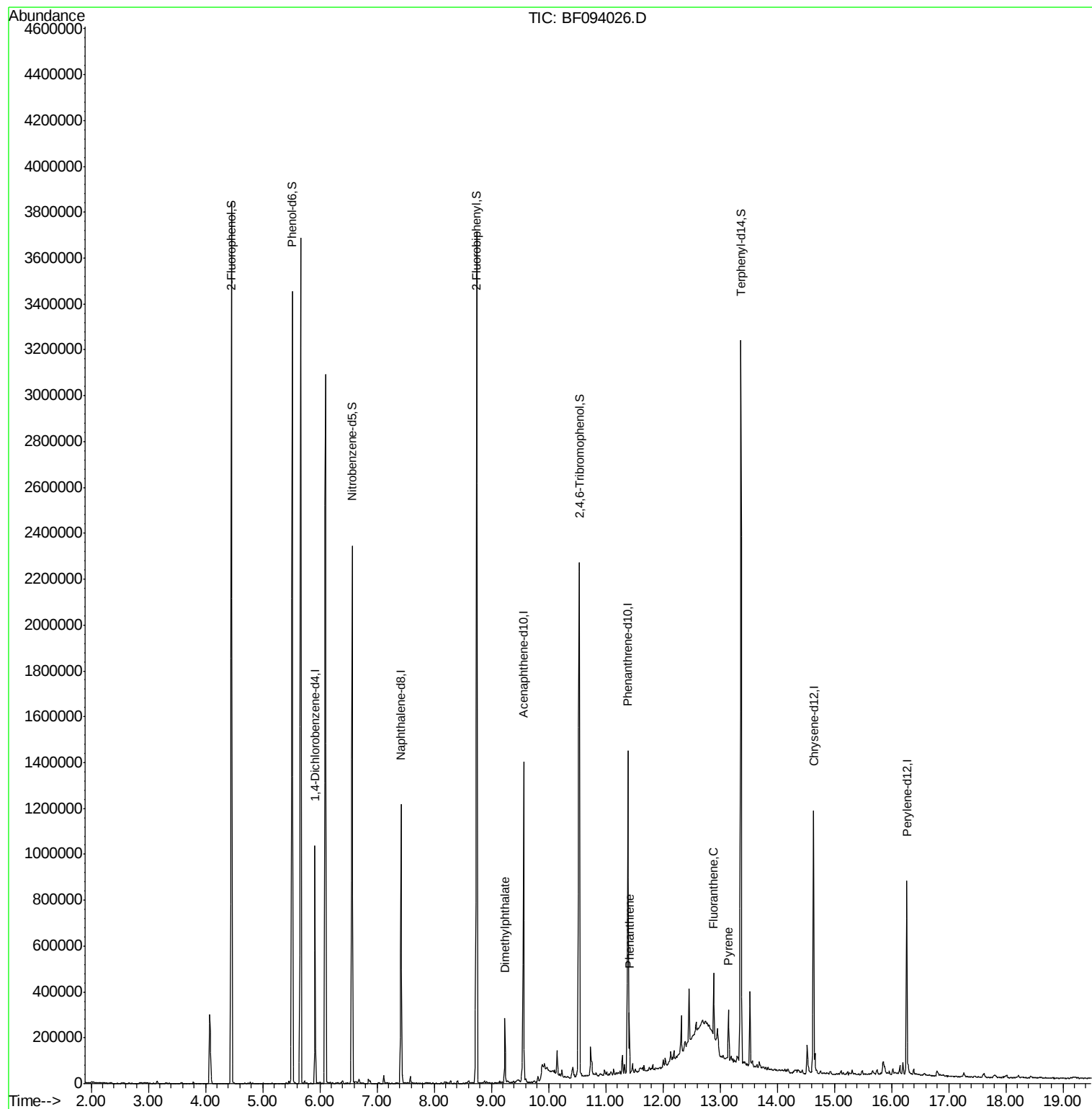
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	159658	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	666440	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	313807	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	551065	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	452576	20.00	ng	-0.04
86) Perylene-d12	16.27	264	328610	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1257998	133.08	ng	-0.02
7) Phenol-d6	5.52	99	1564146	133.76	ng	-0.03
23) Nitrobenzene-d5	6.57	82	985232	84.37	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	338986	136.70	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1485933	72.22	ng	-0.04
78) Terphenyl-d14	13.37	244	1224765	60.66	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	120758	5.41	ng	98
70) Phenanthrene	11.41	178	103998	3.39	ng	96
74) Fluoranthene	12.89	202	104894	3.34	ng	96
77) Pyrene	13.15	202	87313	2.66	ng	97

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

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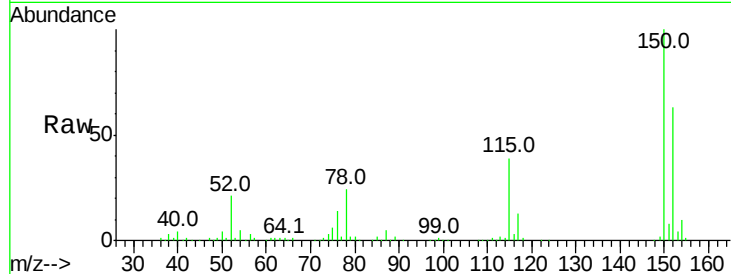


#1

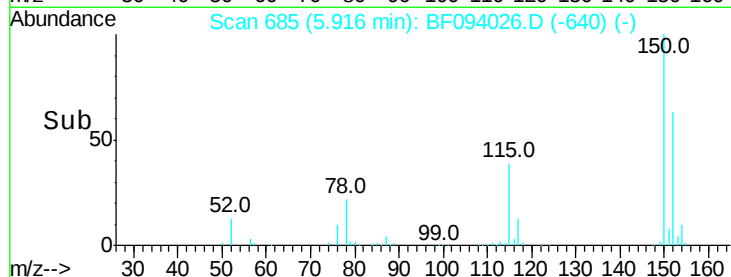
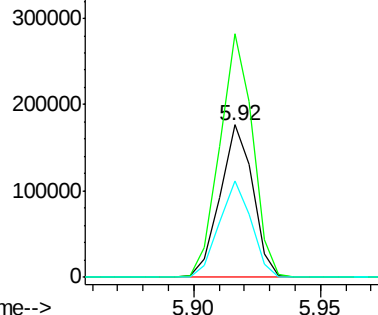
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF094026.D
Acq: 29 Mar 2017 18:49

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-7-8-BASE

Tot Ion:152 Resp: 159658
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 62.9 52.2 78.2



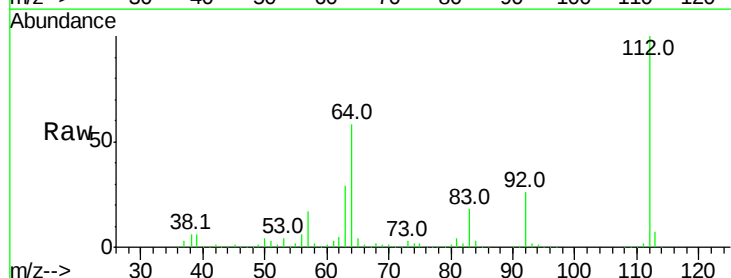
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



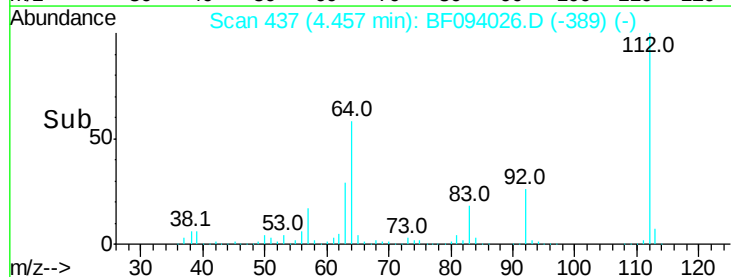
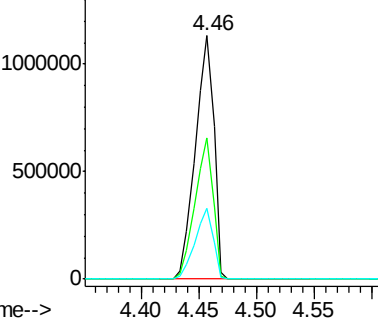
#5

2-Fluorophenol
Concen: 133.08 ng
RT: 4.46 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF094026.D
Acq: 29 Mar 2017 18:49

Tgt Ion:112 Resp: 1257998
Ion Ratio Lower Upper
112 100
64 57.9 46.0 69.0
63 29.3 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: 133.76 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094026.D

Acq: 29 Mar 2017 18:49

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-7-8-BASE

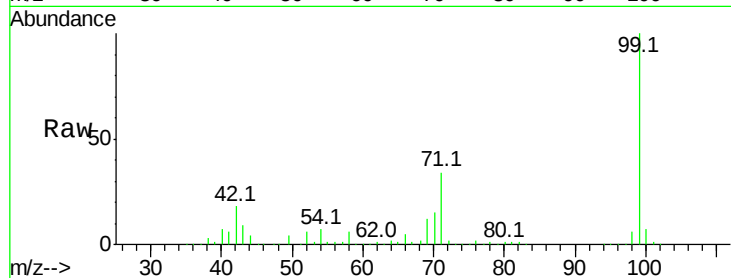
Tot Ion: 99 Resp: 1564146

Ion Ratio Lower Upper

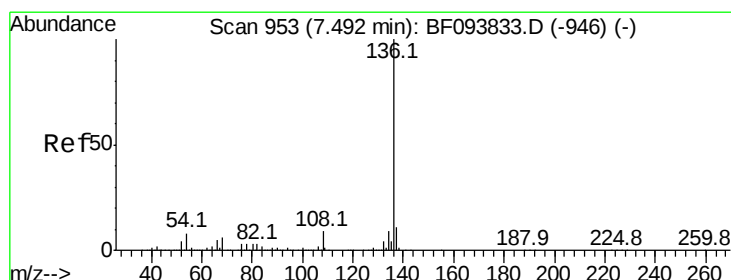
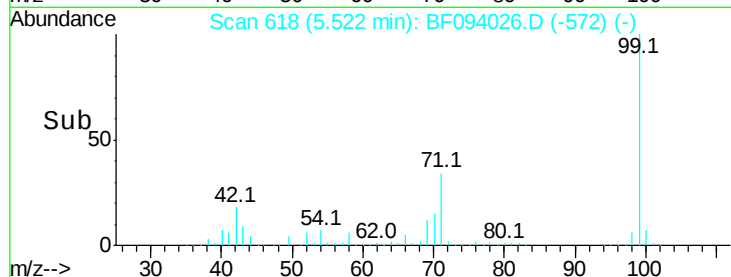
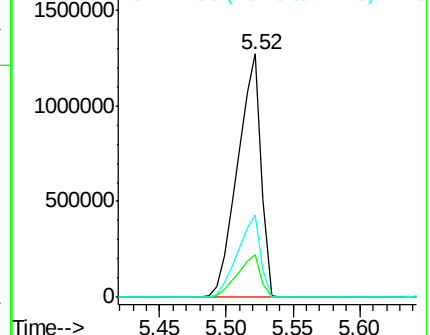
99 100

42 17.7 13.5 20.3

71 34.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF094026.D

Acq: 29 Mar 2017 18:49

Tgt Ion: 136 Resp: 666440

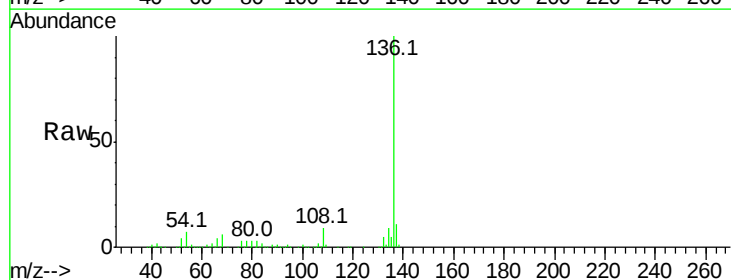
Ion Ratio Lower Upper

136 100

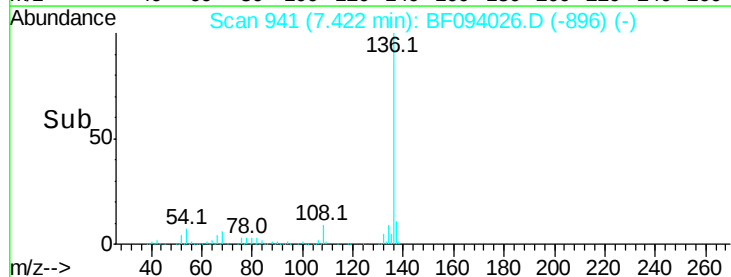
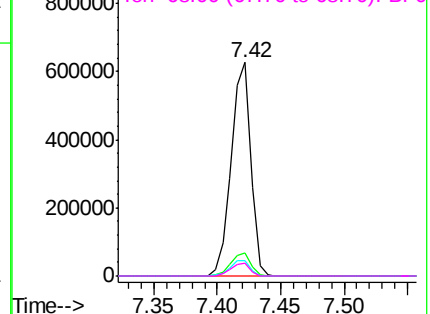
137 10.9 8.5 12.7

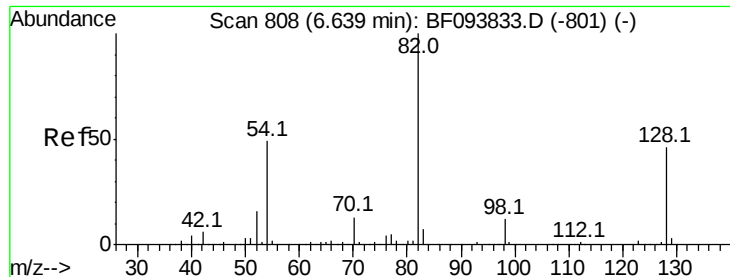
54 7.0 4.9 7.3

68 5.7 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

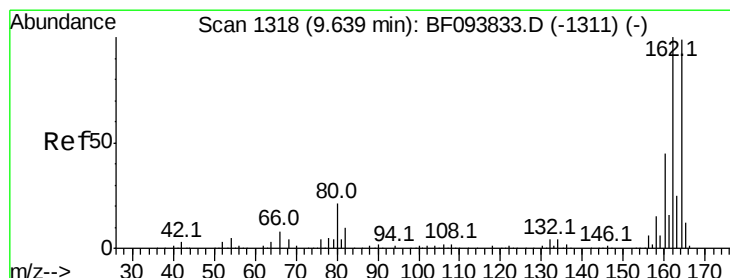
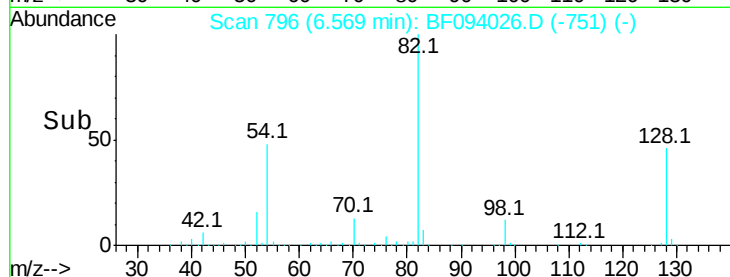
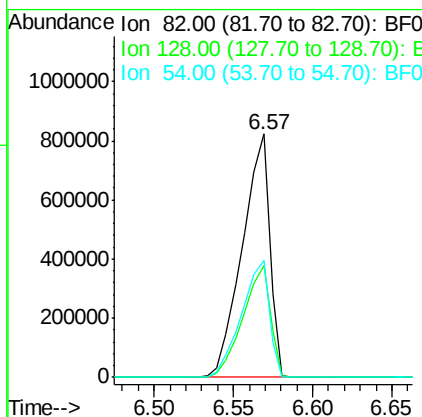
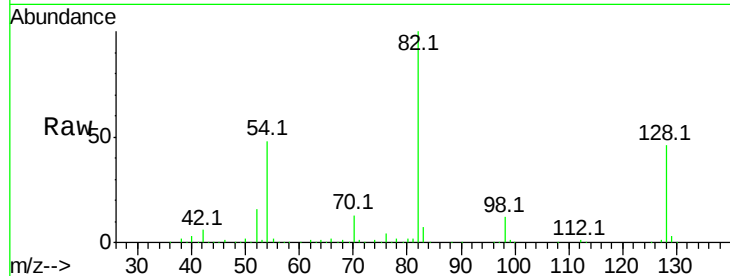




#23
 Nitrobenzene-d5
 Concen: 84.37 ng
 RT: 6.57 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF094026.D
 Acq: 29 Mar 2017 18:49

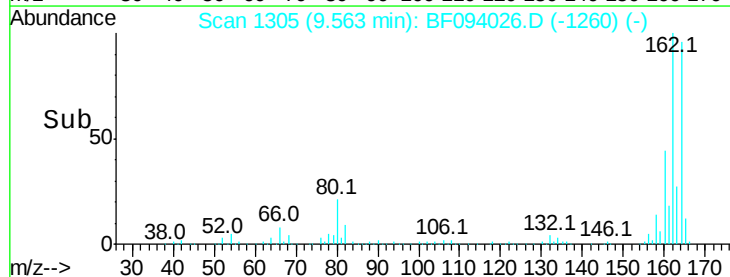
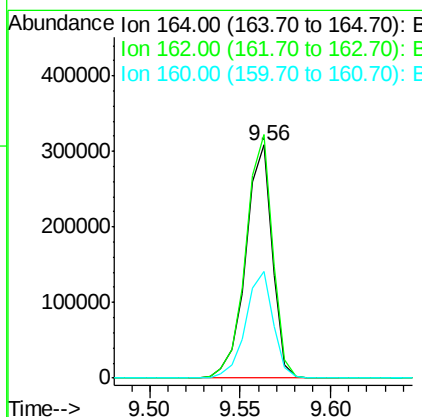
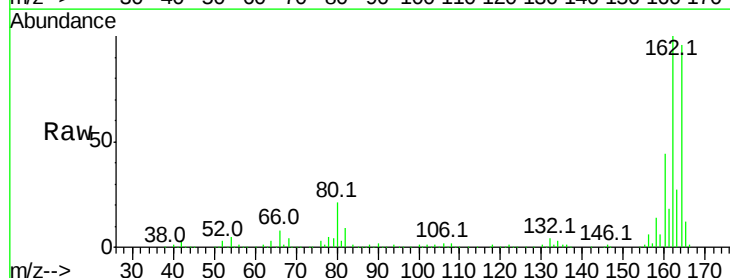
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-7-8-BASE

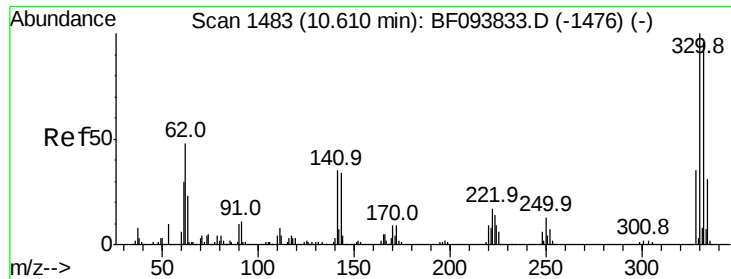
Tot Ion: 82 Resp: 985232
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 48.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF094026.D
 Acq: 29 Mar 2017 18:49

Tgt Ion:164 Resp: 313807
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.6 123.8
 160 46.0 36.2 54.2

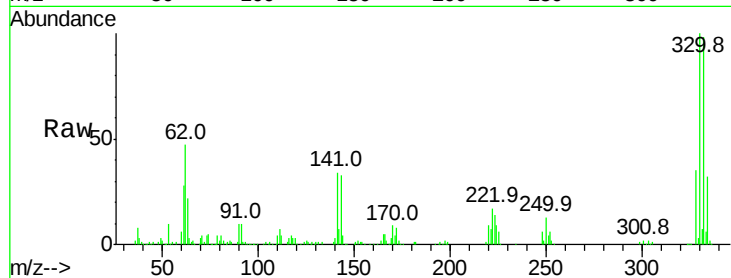




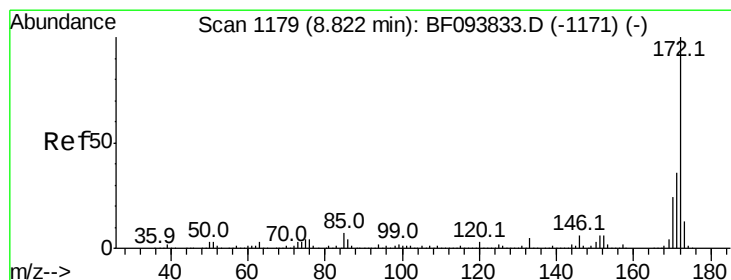
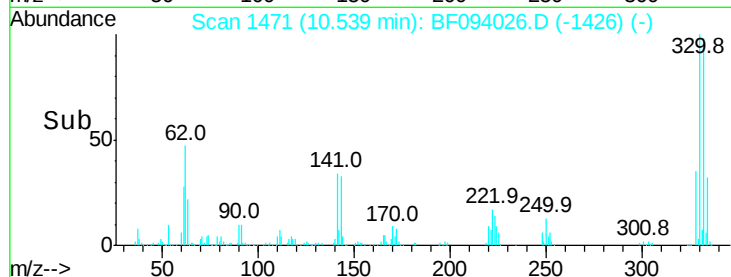
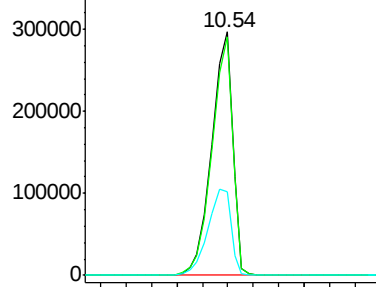
#41
 2,4,6-Tribromophenol
 Concen: 136.70 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.04 min
 Lab File: BF094026.D
 Acq: 29 Mar 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-7-8-BASE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	38.9	31.4	47.2

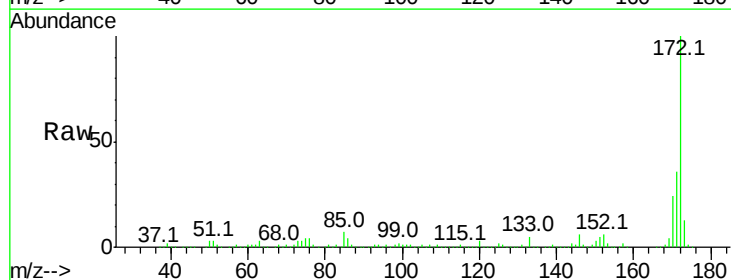


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

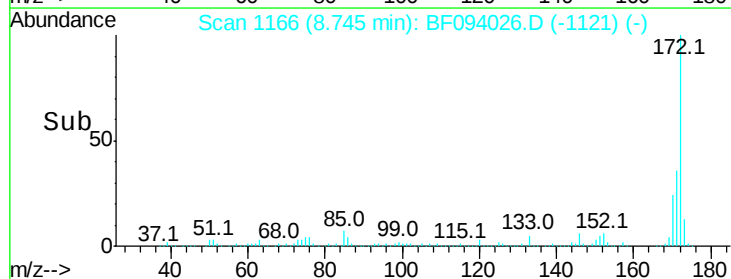
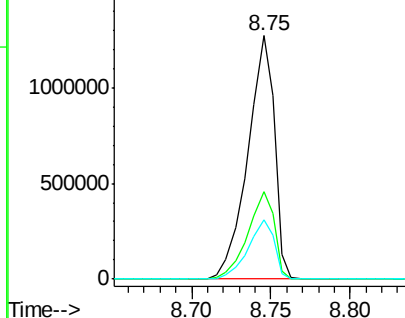


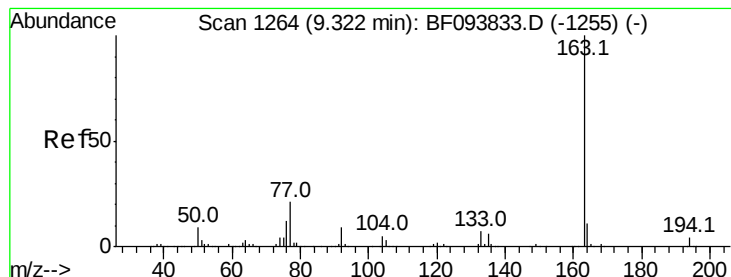
#44
 2-Fluorobiphenyl
 Concen: 72.22 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094026.D
 Acq: 29 Mar 2017 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.3	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: 5.41 ng

RT: 9.24 min Scan# 1250

Delta R.T. -0.05 min

Lab File: BF094026.D

Acq: 29 Mar 2017 18:49

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-7-8-BASE

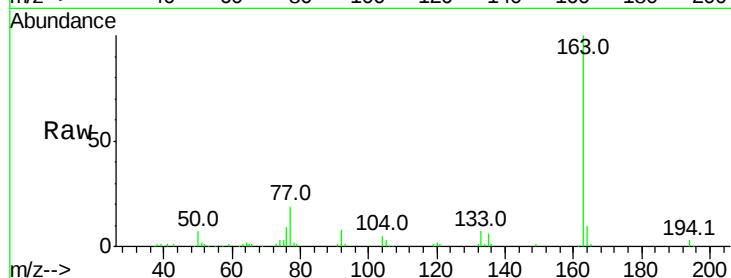
Tot Ion:163 Resp: 120758

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

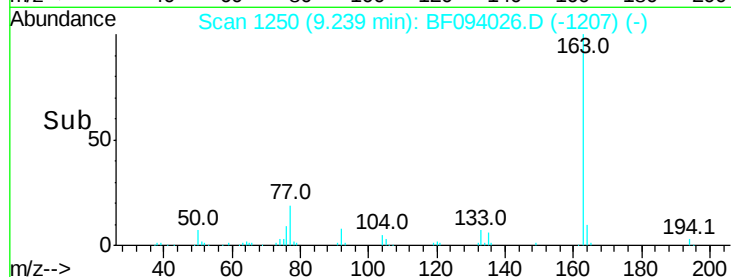
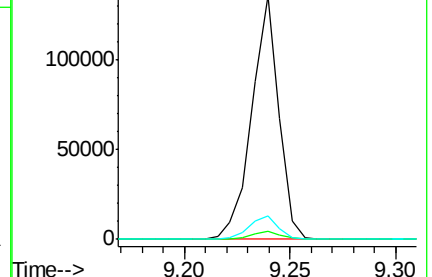
164 9.7 8.4 12.6



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: 11.39 min Scan# 1615

Delta R.T. -0.04 min

Lab File: BF094026.D

Acq: 29 Mar 2017 18:49

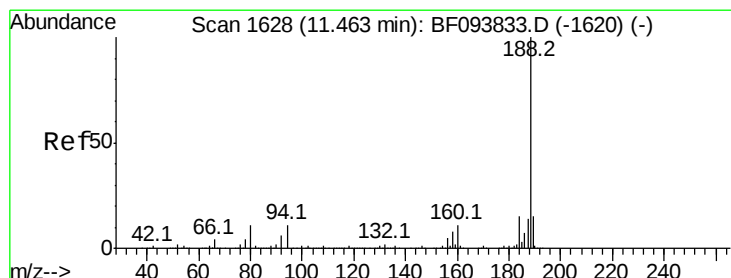
Tgt Ion:188 Resp: 551065

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

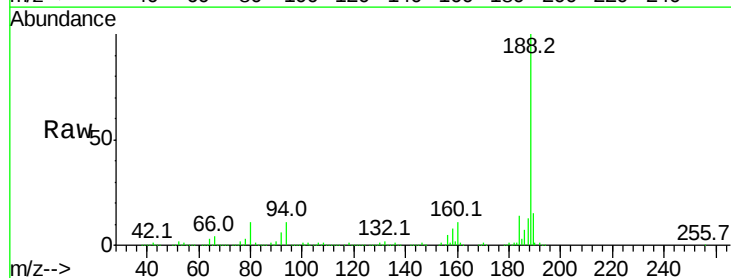
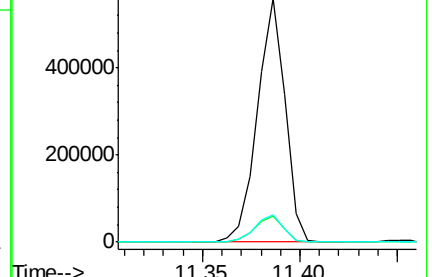
80 11.2 10.2 15.2

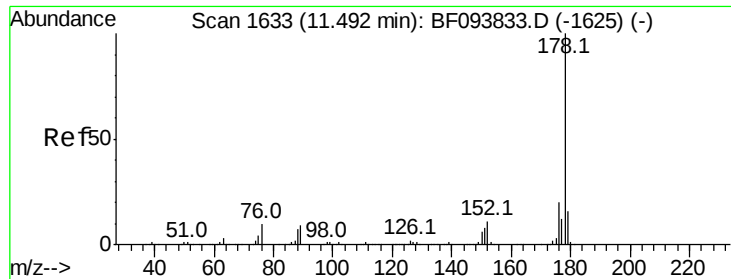


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 3.39 ng

RT: 11.41 min Scan# 1619

Delta R.T. -0.05 min

Lab File: BF094026.D

Acq: 29 Mar 2017 18:49

Instrument :

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ClientSampleId :

E2-BB-CC-7-8-BASE

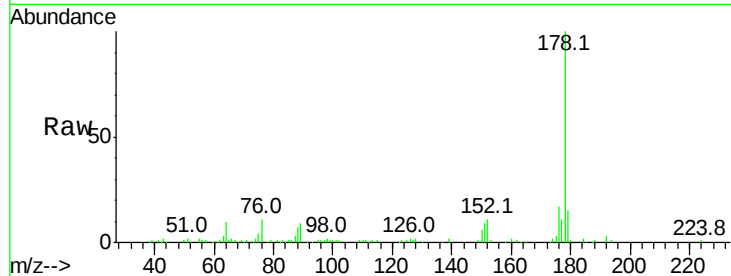
Tot Ion:178 Resp: 103998

Ion Ratio Lower Upper

178 100

176 17.4 16.2 24.4

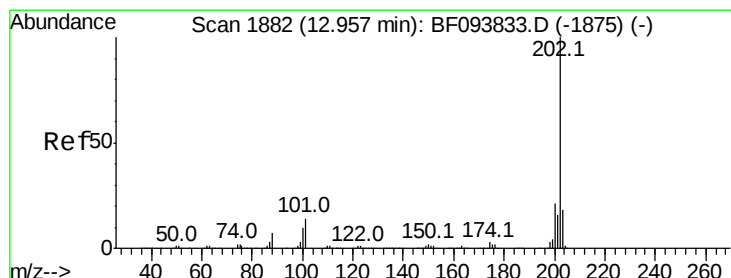
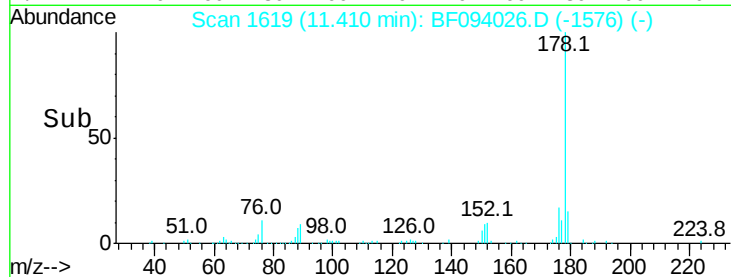
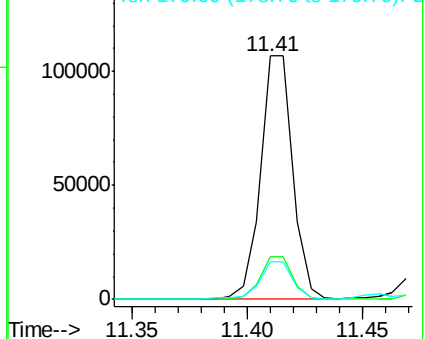
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.34 ng

RT: 12.89 min Scan# 1871

Delta R.T. -0.03 min

Lab File: BF094026.D

Acq: 29 Mar 2017 18:49

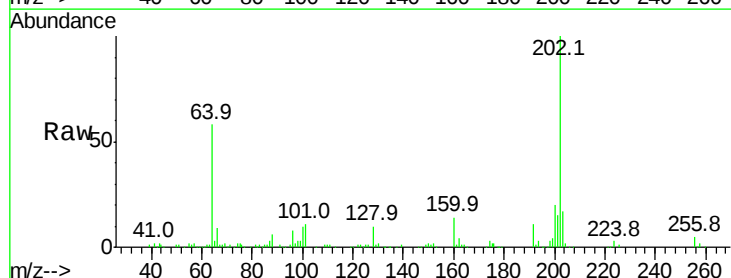
Tgt Ion:202 Resp: 104894

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.2

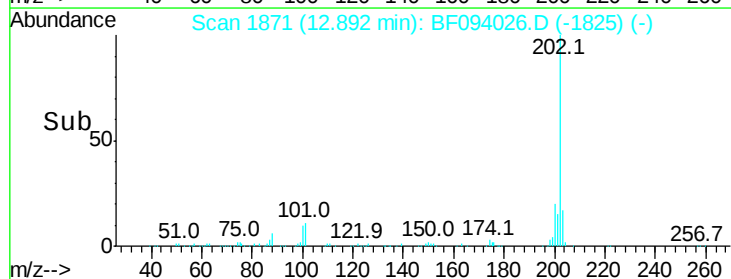
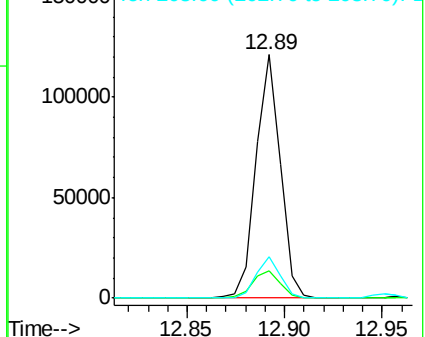
203 16.8 0.0 38.1

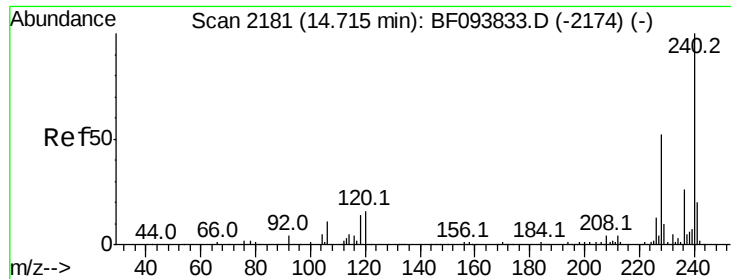


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.64 min Scan# 2168

Delta R.T. -0.04 min

Lab File: BF094026.D

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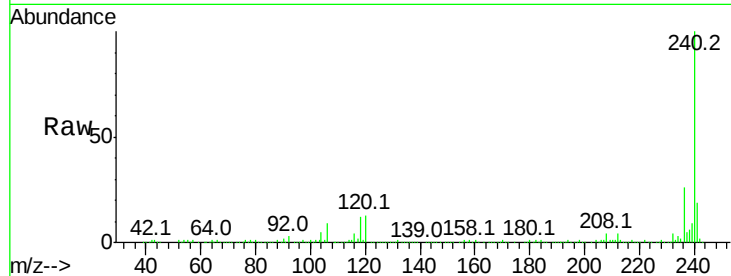
Tot Ion:240 Resp: 452576

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

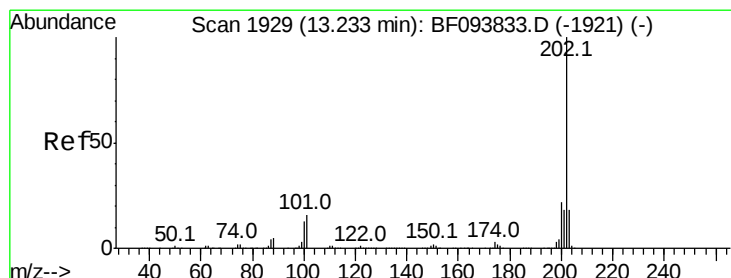
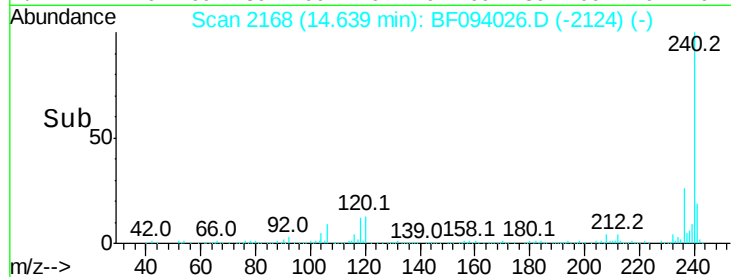
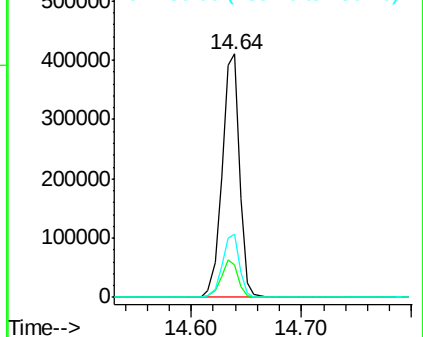
236 25.8 20.5 30.7



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: 2.66 ng

RT: 13.15 min Scan# 1915

Delta R.T. -0.05 min

Lab File: BF094026.D

Acq: 29 Mar 2017 18:49

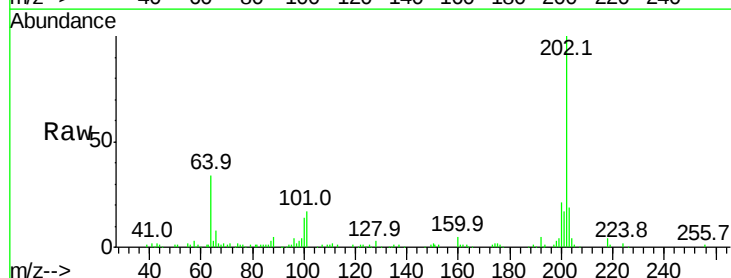
Tgt Ion:202 Resp: 87313

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

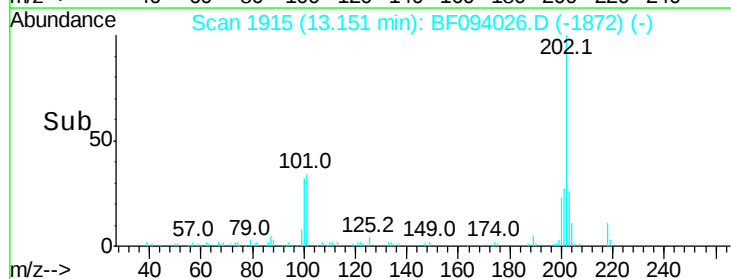
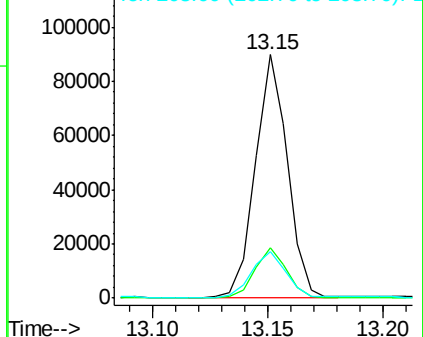
203 19.2 14.4 21.6

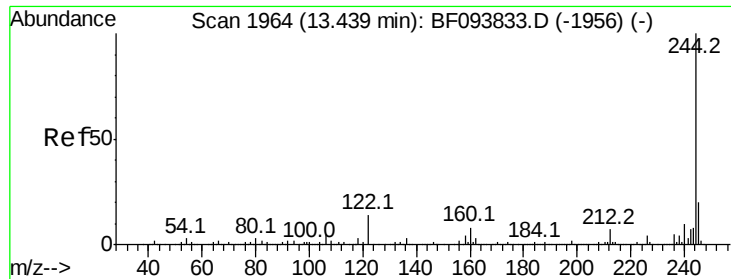


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.66 ng

RT: 13.37 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BF094026.D

Acq: 29 Mar 2017 18:49

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-7-8-BASE

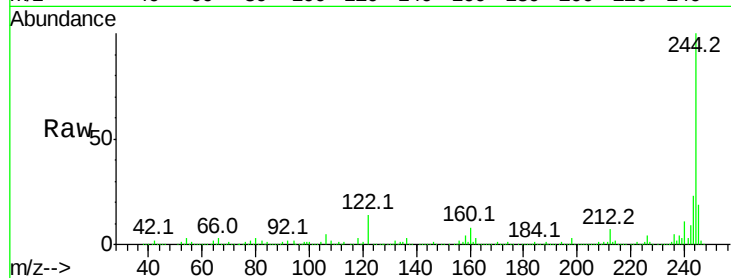
Tot Ion:244 Resp: 1224765

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

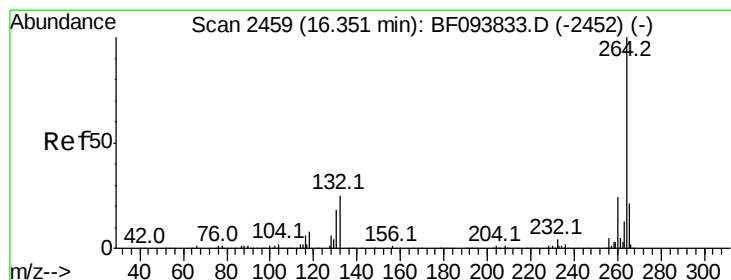
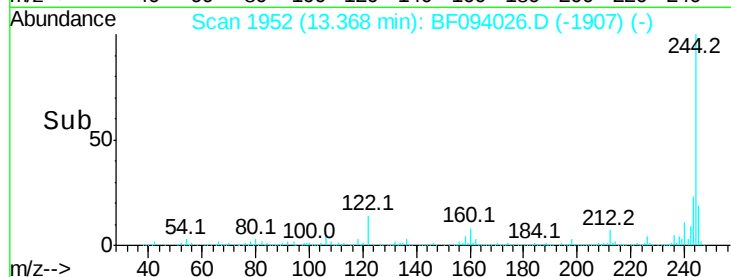
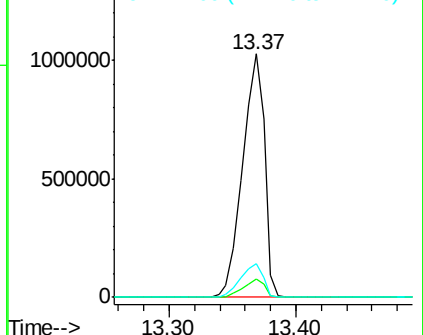
122 14.1 10.3 15.5



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: 16.27 min Scan# 2445

Delta R.T. -0.04 min

Lab File: BF094026.D

Acq: 29 Mar 2017 18:49

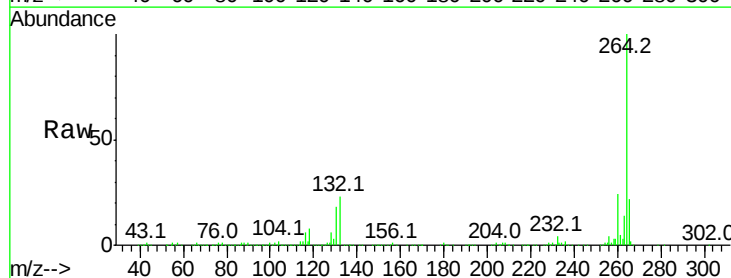
Tgt Ion:264 Resp: 328610

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.8 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

