

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061217\
 Data File : BE093123.D
 Acq On : 13 Jun 2017 4:22
 Operator : SJ/MA
 Sample : I3460-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 13 05:00:08 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE061217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 14:07:54 2017
 Response via : Initial Calibration

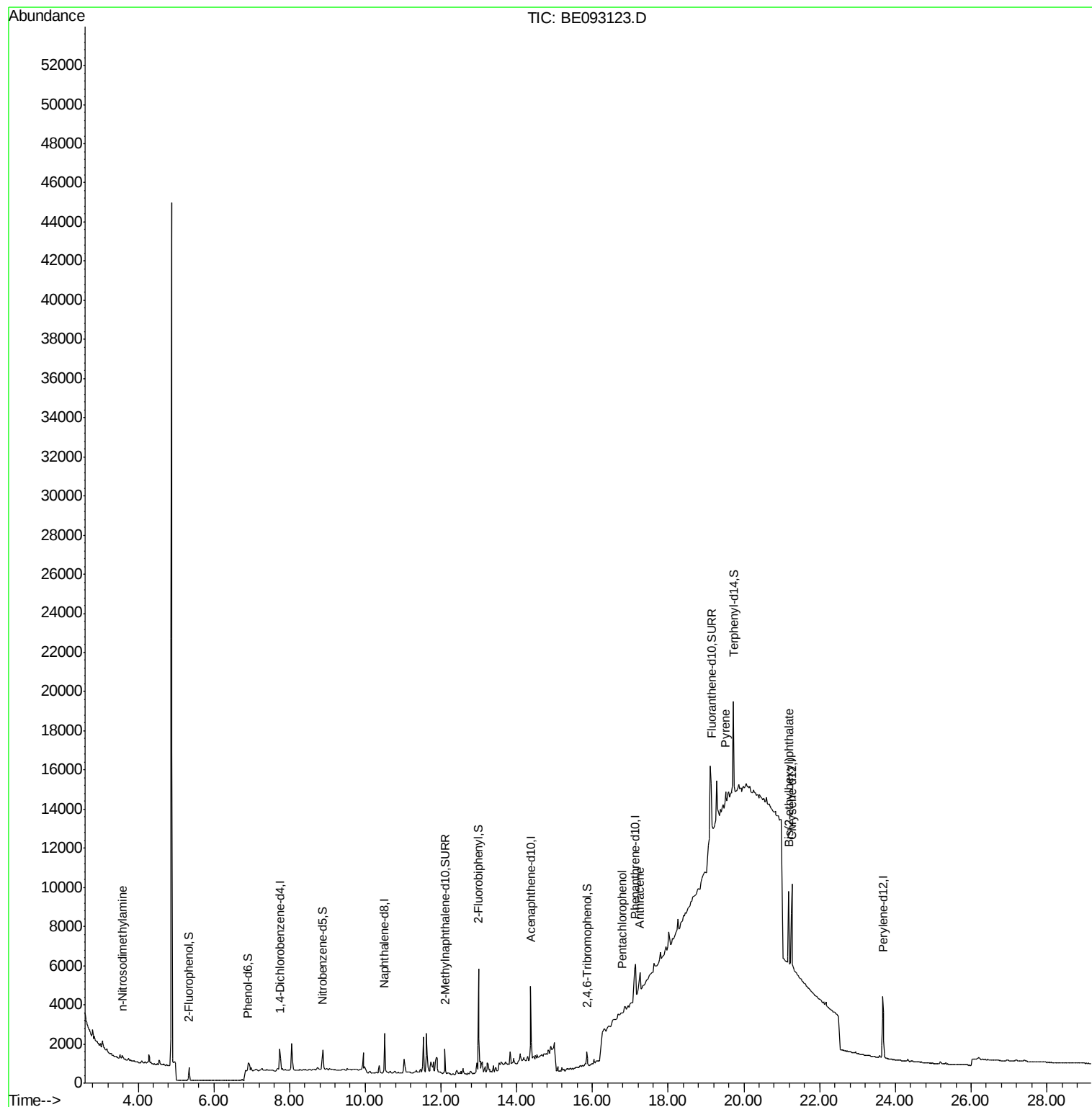
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	702	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	3560	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	2123	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4160	0.40	ng	0.00
27) Chrysene-d12	21.27	240	5384	0.40	ng	0.00
34) Perylene-d12	23.67	264	4548	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	490	0.24	ng	0.00
5) Phenol-d6	6.90	99	451	0.15	ng	0.00
8) Nitrobenzene-d5	8.88	82	1187	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	2246	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	417	0.86	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	4771	0.53	ng	0.00
25) Fluoranthene-d10	19.14	212	6212	0.45	ng	0.02
29) Terphenyl-d14	19.72	244	5650	0.54	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.58	42	42	0.03	ng	# 22
22) Pentachlorophenol	16.79	266	33	0.05	ng	# 89
24) Anthracene	17.25	178	1628	0.10	ng	# 37
28) Pyrene	19.51	202	2565	0.04	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.18	149	3777	0.63	ng	94

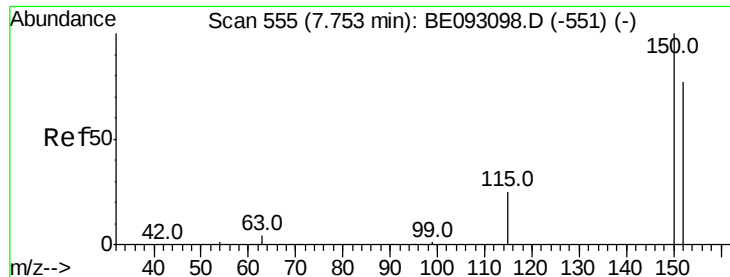
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

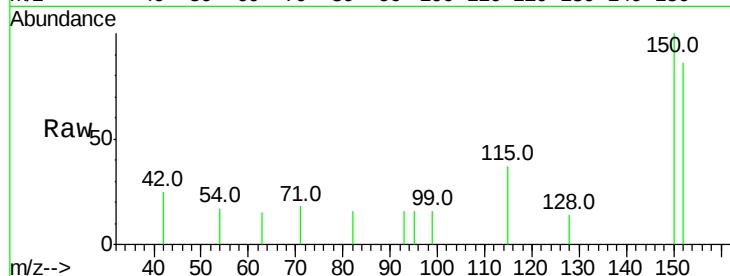
Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

Instrument :

BNA_E

ClientSampleId :



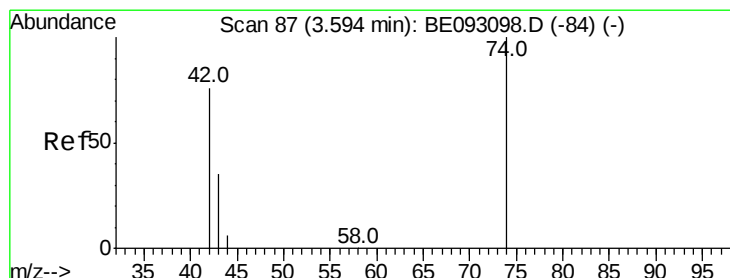
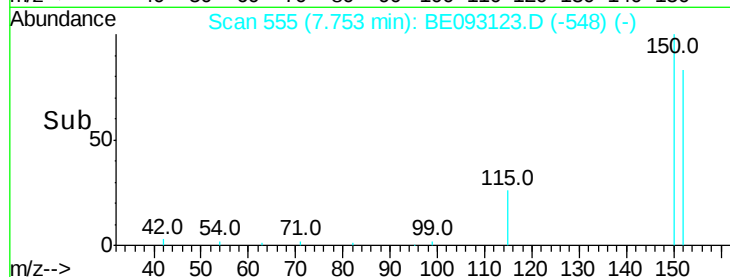
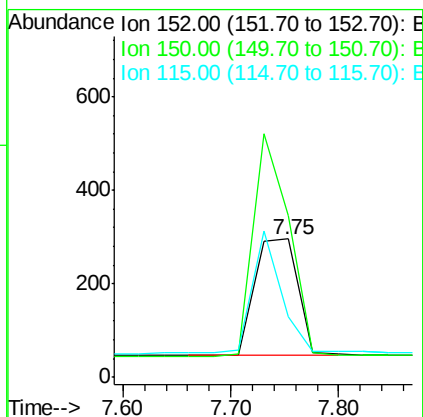
Tot Ion:152 Resp: 702

Ion Ratio Lower Upper

152 100

150 116.6 125.1 187.7#

115 43.2 55.7 83.5#



#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.58 min Scan# 86

Delta R.T. -0.01 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

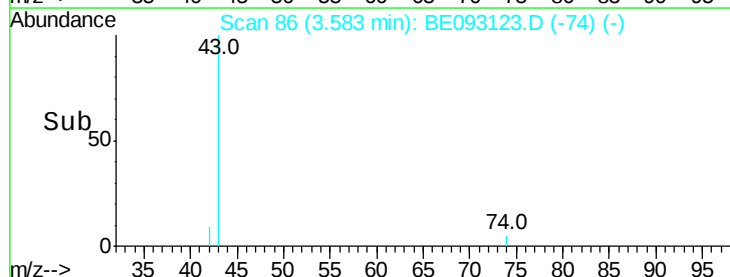
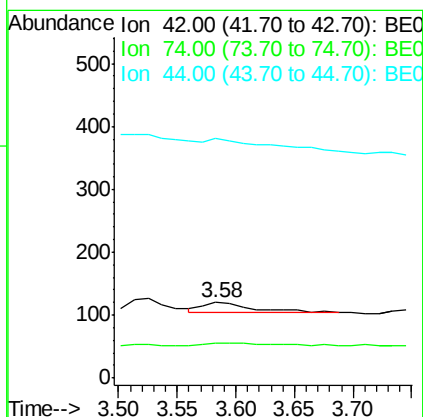
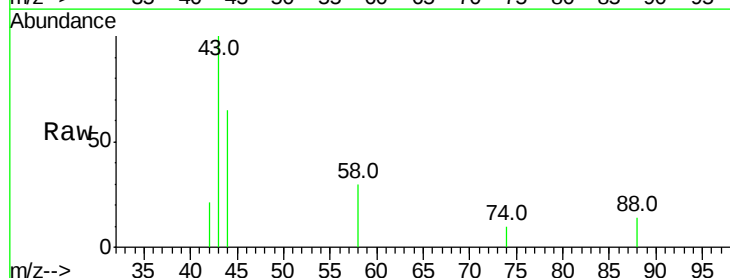
Tgt Ion: 42 Resp: 42

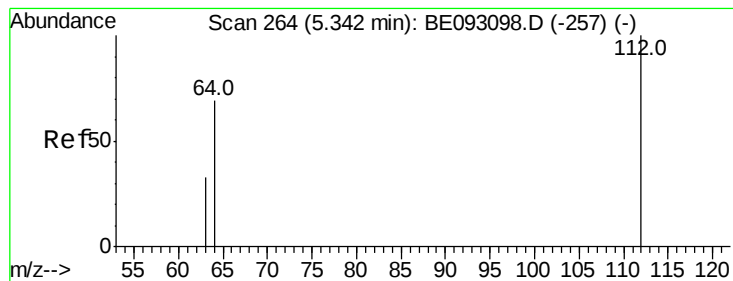
Ion Ratio Lower Upper

42 100

74 31.0 99.1 148.7#

44 0.0 7.4 11.2#





#4

2-Fluorophenol

Concen: 0.24 ng

RT: 5.35 min Scan# 265

Delta R.T. 0.01 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

Instrument :

BNA_E

ClientSampled :

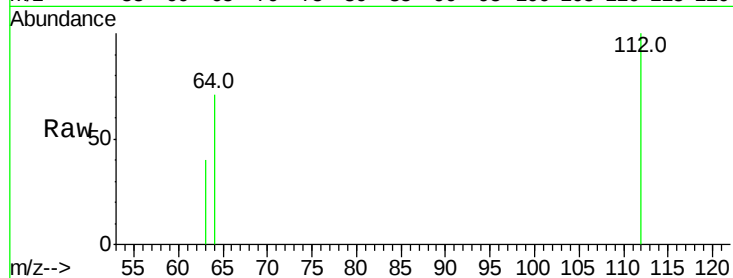
Tot Ion:112 Resp: 490

Ion Ratio Lower Upper

112 100

64 71.6 56.4 84.6

63 36.1 29.3 43.9



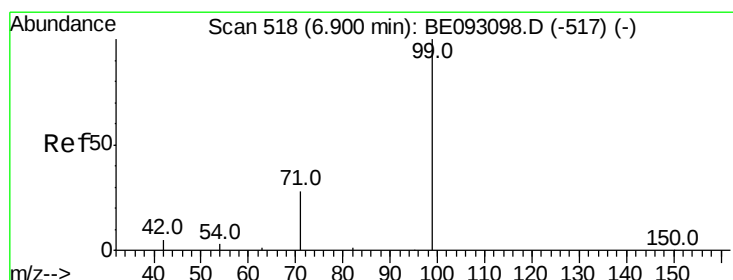
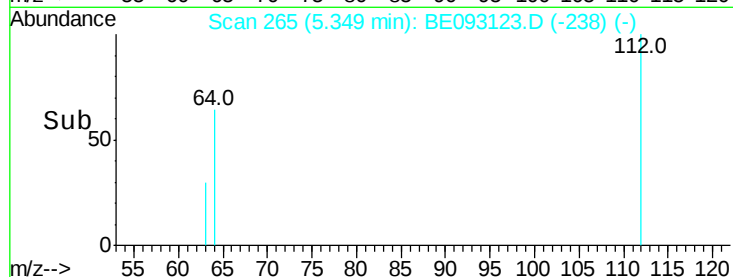
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.35

Time-->



#5

Phenol-d6

Concen: 0.15 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

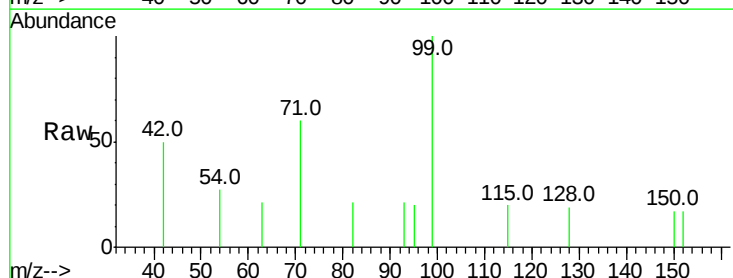
Tgt Ion: 99 Resp: 451

Ion Ratio Lower Upper

99 100

42 35.3 0.0 0.0#

71 69.8 0.0 0.0#



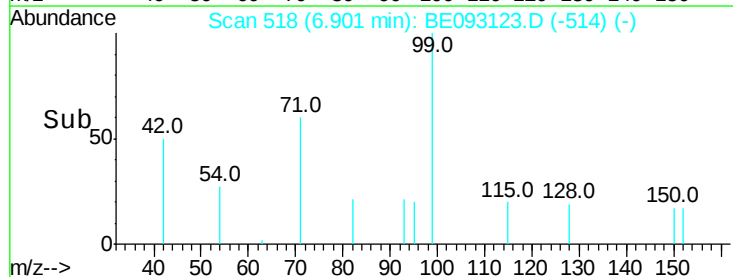
Abundance Ion 99.00 (98.70 to 99.70): BE0

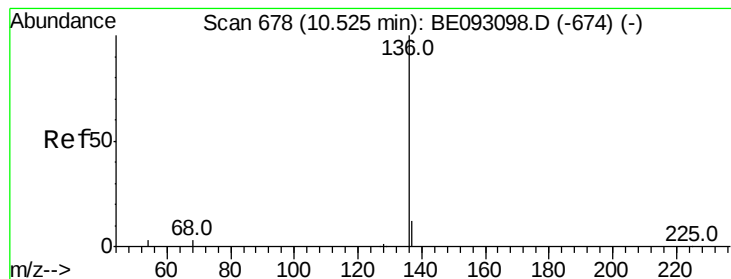
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.90

Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3560

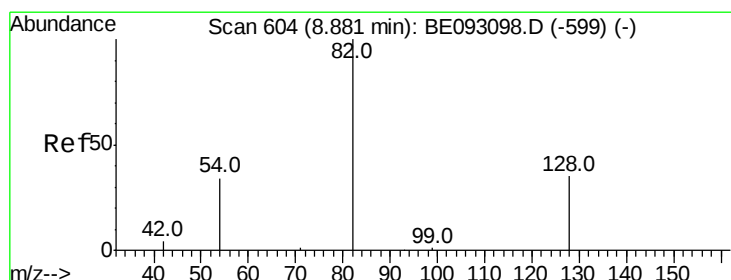
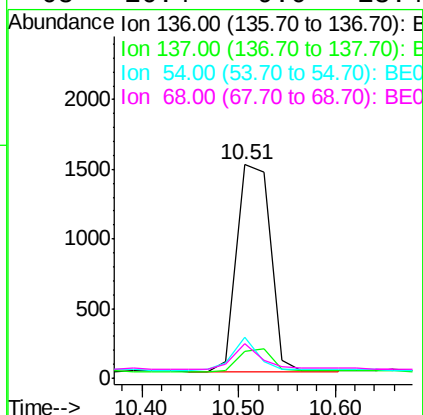
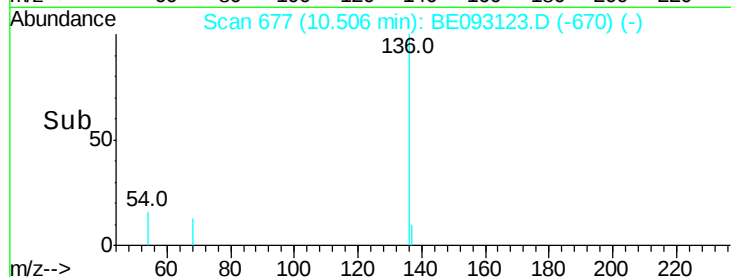
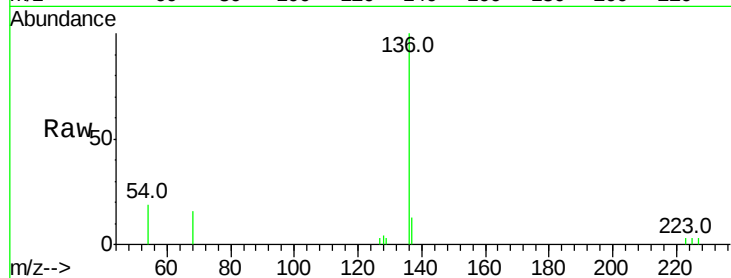
Ion Ratio Lower Upper

136 100

137 12.6 9.8 14.8

54 19.4 10.3 15.5#

68 16.4 9.0 13.4#



#8

Nitrobenzene-d5

Concen: 0.42 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

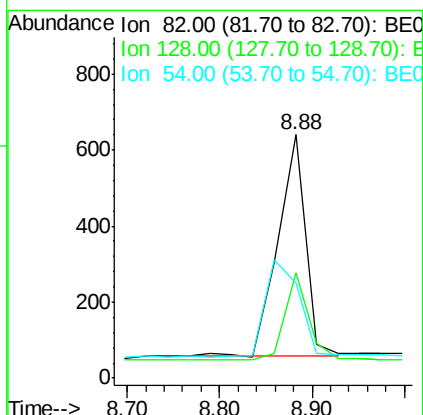
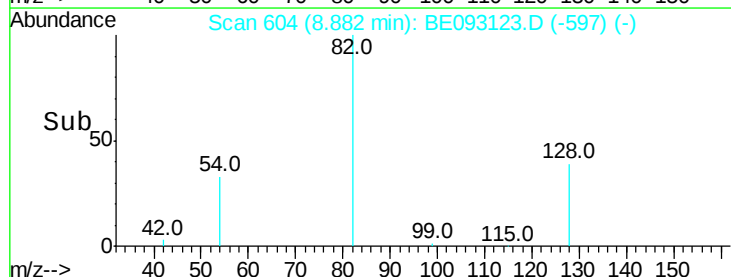
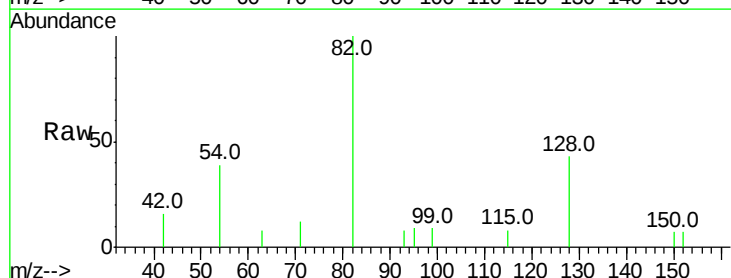
Tgt Ion: 82 Resp: 1187

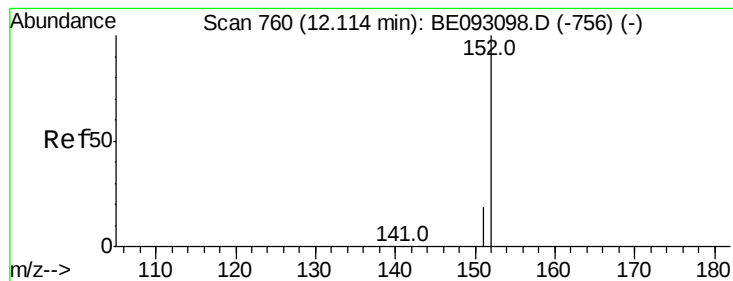
Ion Ratio Lower Upper

82 100

128 43.4 17.0 25.4#

54 39.2 53.8 80.6#





#11

2-Methylnaphthalene-d10

Concen: 0.42 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

Instrument :

BNA_E

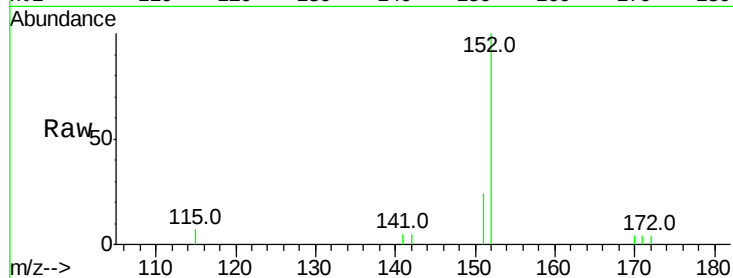
ClientSampled :

Tot Ion:152 Resp: 2246

Ion Ratio Lower Upper

152 100

151 20.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

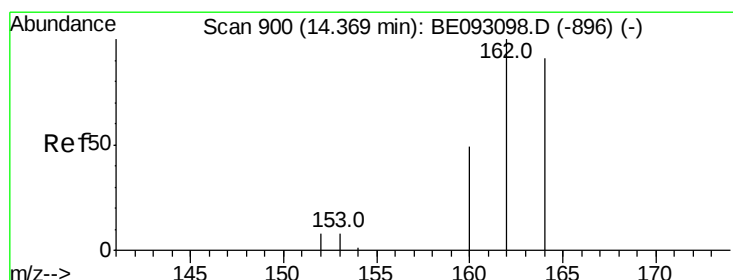
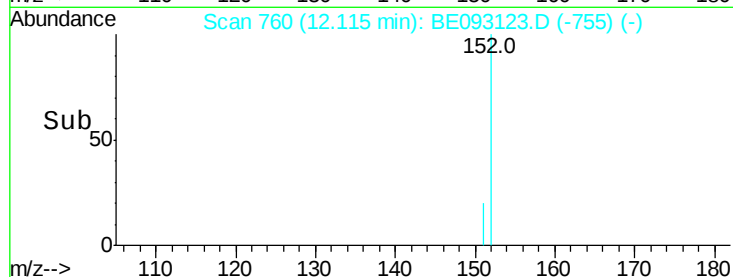
12.11

1000

500

0

Time--> 12.00 12.05 12.10 12.15



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

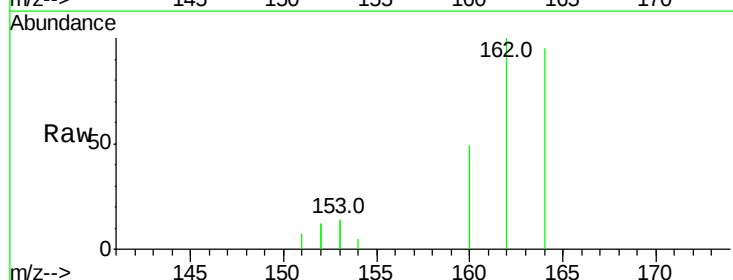
Tgt Ion:164 Resp: 2123

Ion Ratio Lower Upper

164 100

162 105.3 84.6 127.0

160 51.3 41.8 62.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.37

2000

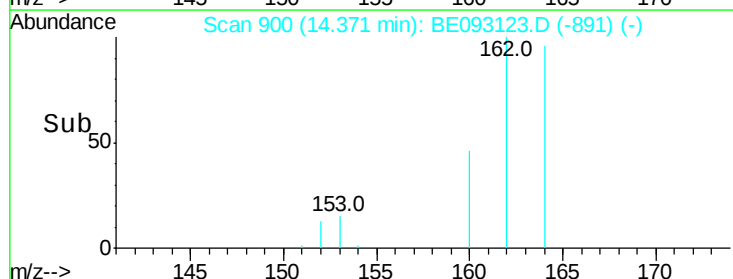
1500

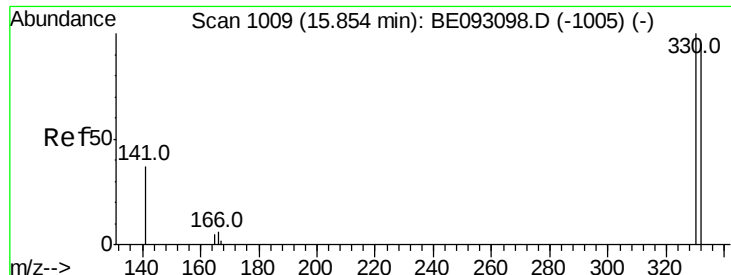
1000

500

0

Time--> 14.30 14.35 14.40 14.45

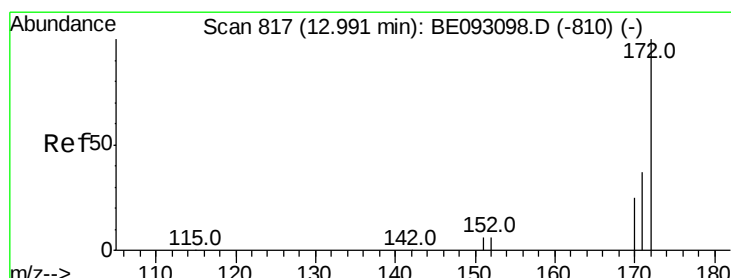
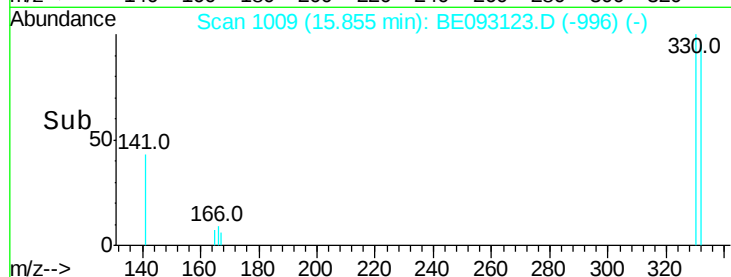
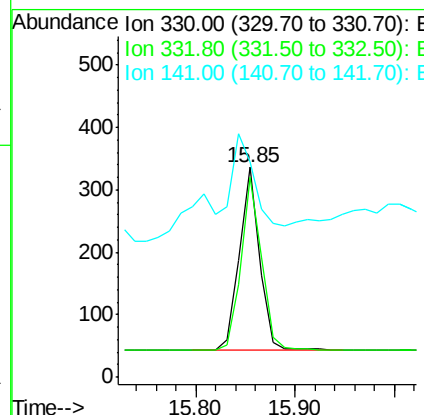
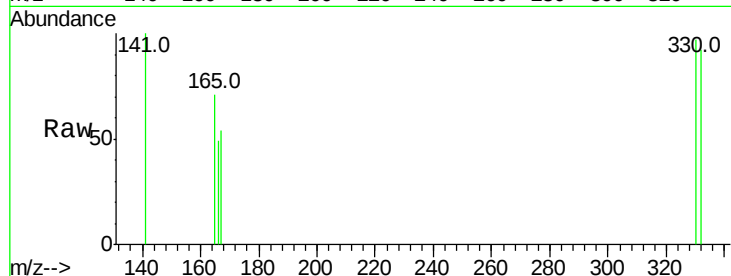




#14
 2,4,6-Tribromophenol
 Concen: 0.86 ng
 RT: 15.85 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BE093123.D
 Acq: 13 Jun 2017 4:22

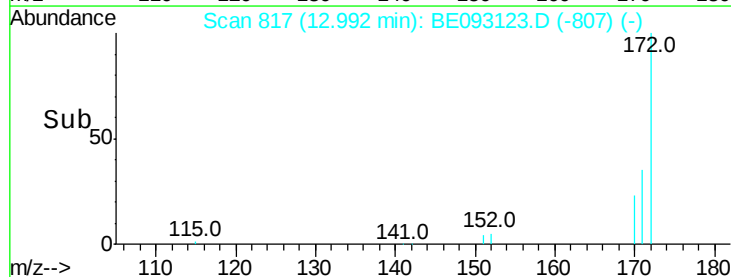
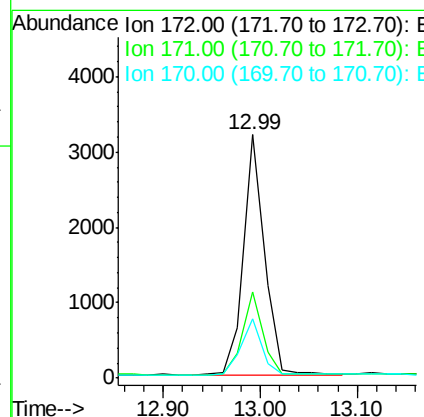
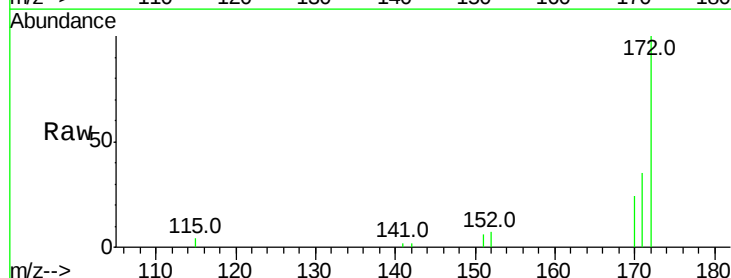
Instrument :
 BNA_E
 ClientSampleId :

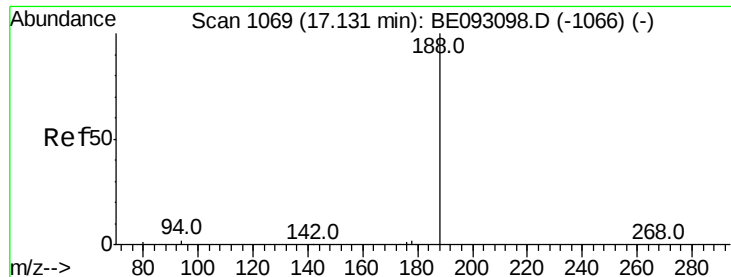
Tot Ion:330 Resp: 417
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.7 116.5
 141 118.7 56.2 84.4#



#15
 2-Fluorobiphenyl
 Concen: 0.53 ng
 RT: 12.99 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BE093123.D
 Acq: 13 Jun 2017 4:22

Tgt Ion:172 Resp: 4771
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.8 44.6
 170 24.1 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

Instrument :

BNA_E

ClientSampleId :

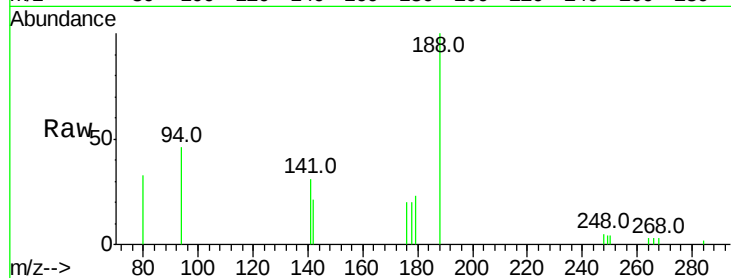
Tot Ion:188 Resp: 4160

Ion Ratio Lower Upper

188 100

94 46.2 11.3 16.9#

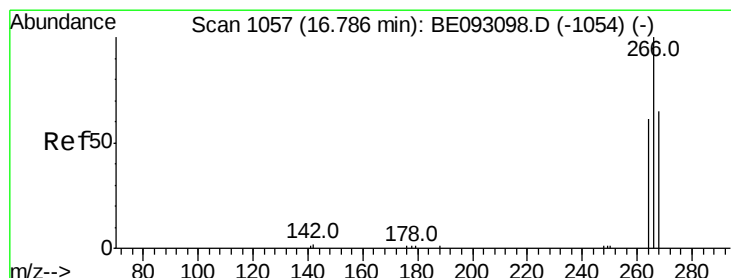
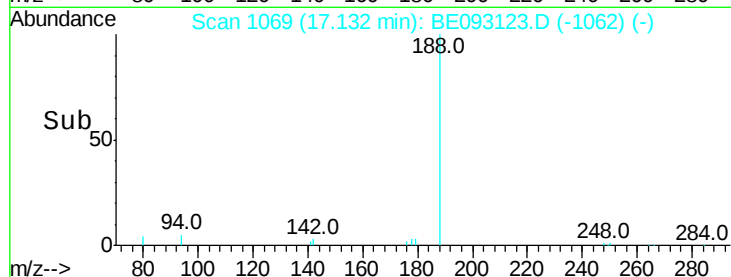
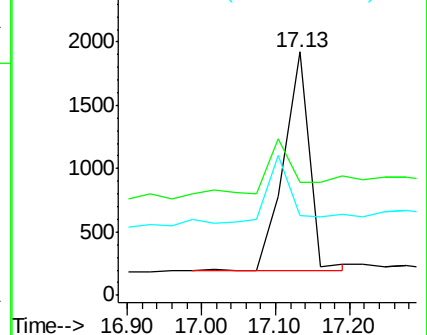
80 32.6 11.7 17.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.05 ng

RT: 16.79 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

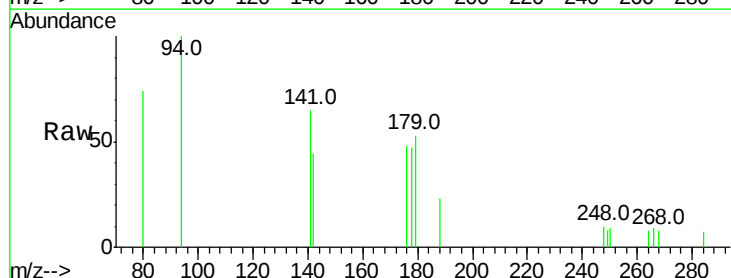
Tgt Ion:266 Resp: 33

Ion Ratio Lower Upper

266 100

264 90.2 58.2 87.2#

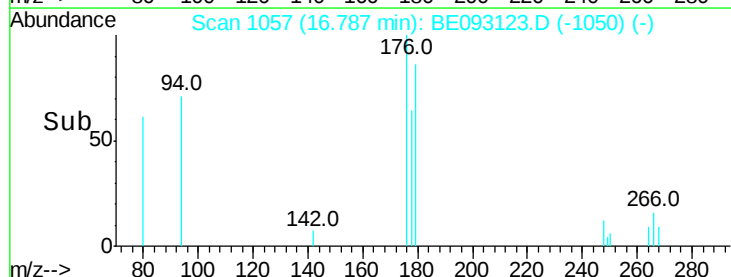
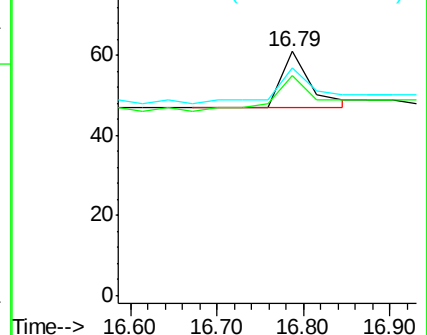
268 93.4 71.9 107.9

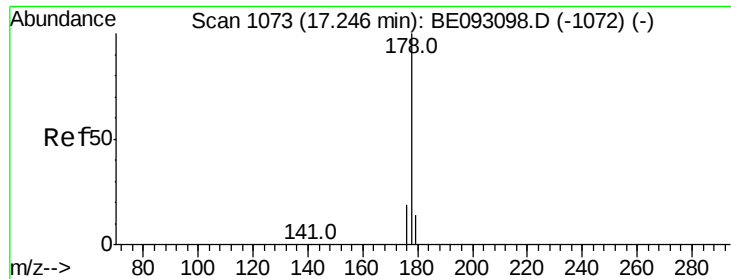


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.10 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

Instrument :

BNA_E

ClientSampleId :

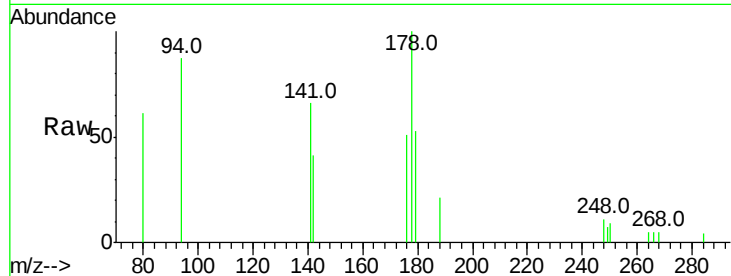
Tot Ion:178 Resp: 1628

Ion Ratio Lower Upper

178 100

176 40.9 14.6 22.0#

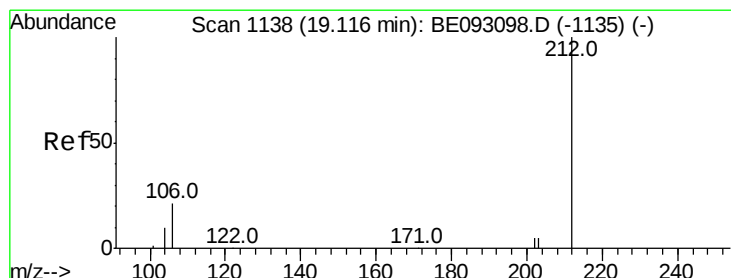
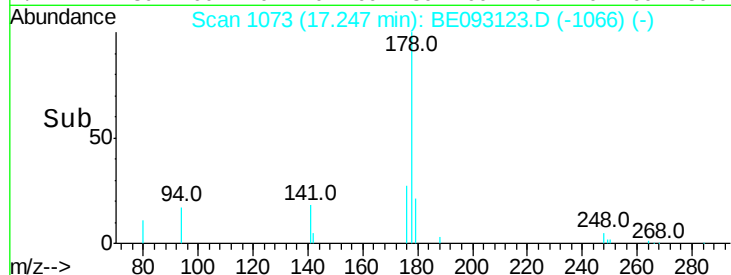
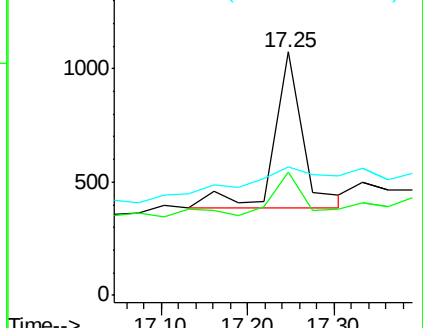
179 47.4 12.0 18.0#



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



#25

Fluoranthene-d10

Concen: 0.45 ng

RT: 19.14 min Scan# 1139

Delta R.T. 0.02 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

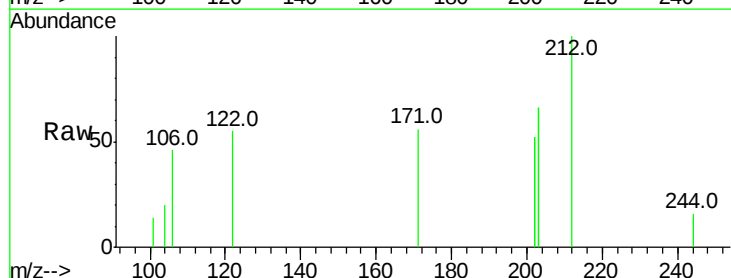
Tgt Ion:212 Resp: 6212

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

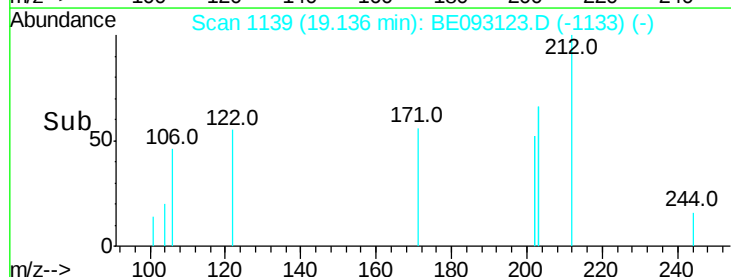
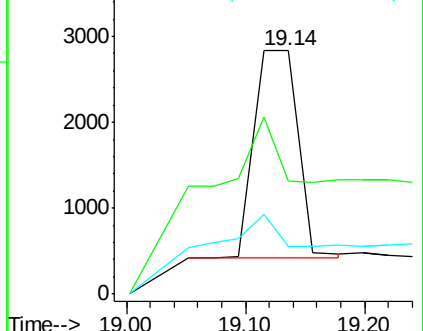
104 0.0 0.0 0.0

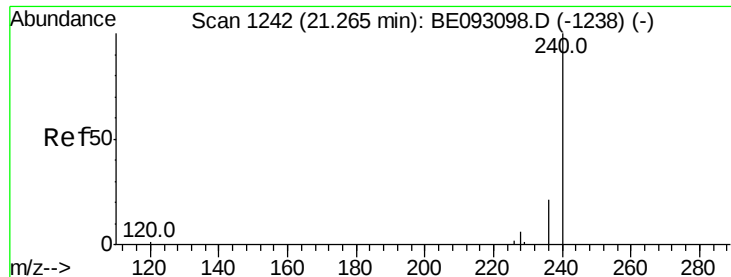


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.27 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

Instrument :

BNA_E

ClientSampleId :

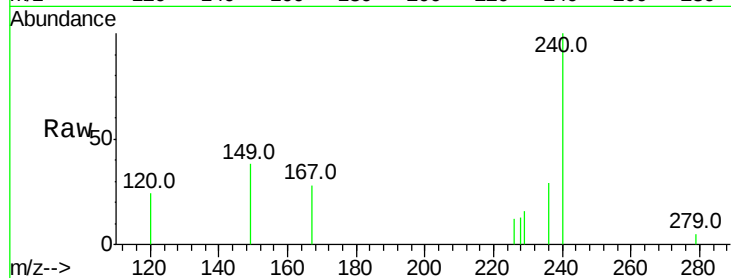
Tot Ion:240 Resp: 5384

Ion Ratio Lower Upper

240 100

120 24.1 4.6 7.0#

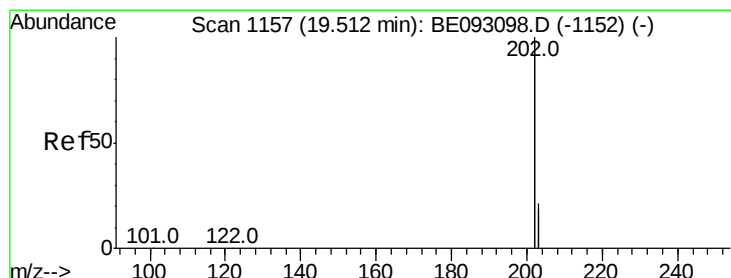
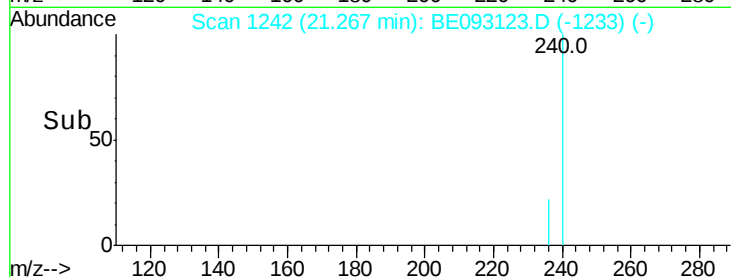
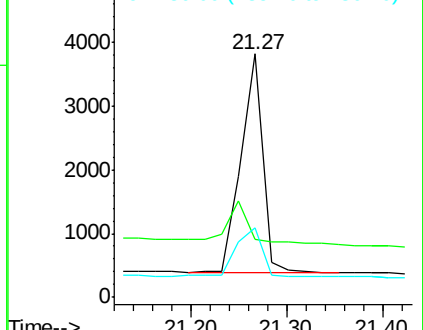
236 28.5 20.8 31.2



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



#28

Pyrene

Concen: 0.04 ng

RT: 19.51 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

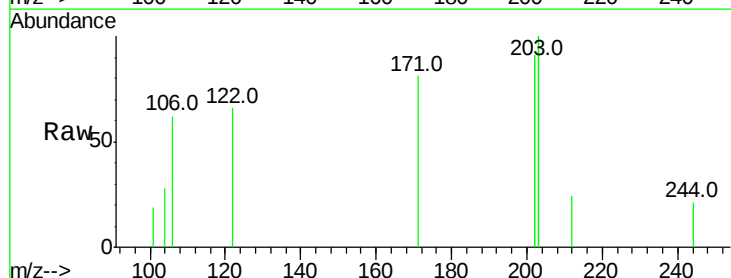
Tgt Ion:202 Resp: 2565

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

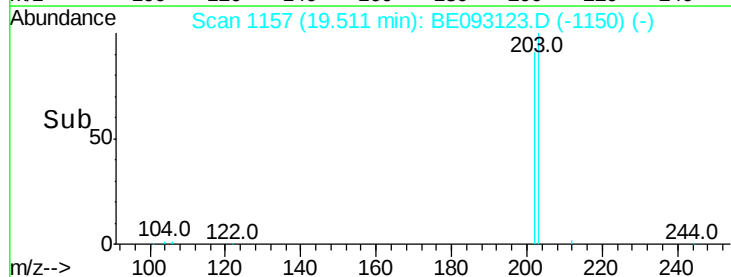
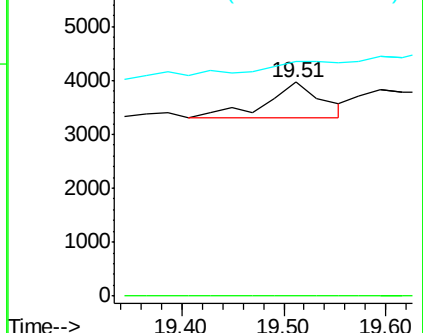
203 0.0 13.7 20.5#

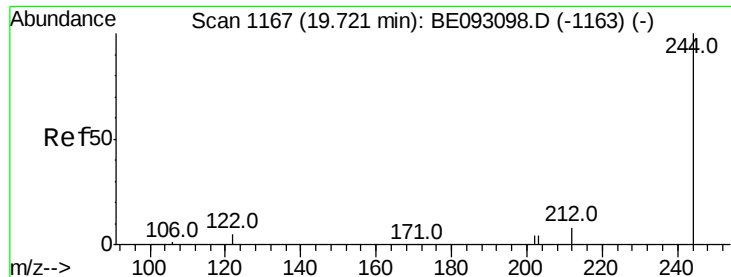


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.54 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

Instrument :

BNA_E

ClientSampled :

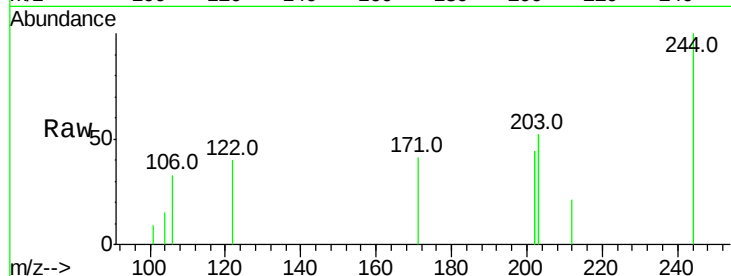
Tot Ion:244 Resp: 5650

Ion Ratio Lower Upper

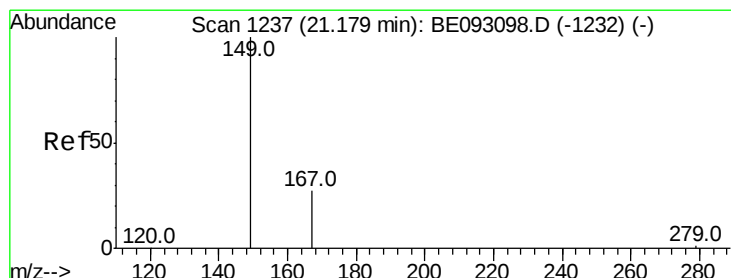
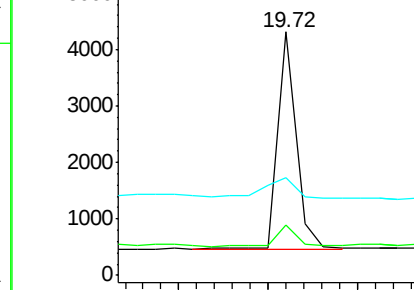
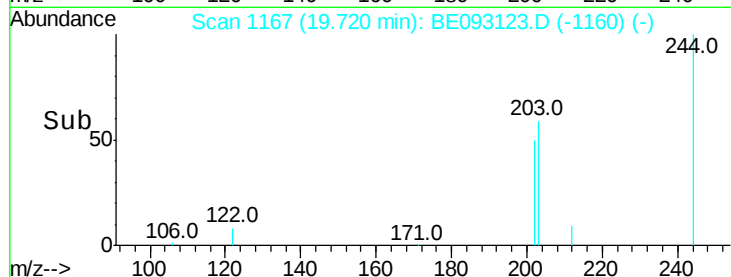
244 100

212 20.6 10.6 16.0#

122 40.1 15.4 23.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.63 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093123.D

Acq: 13 Jun 2017 4:22

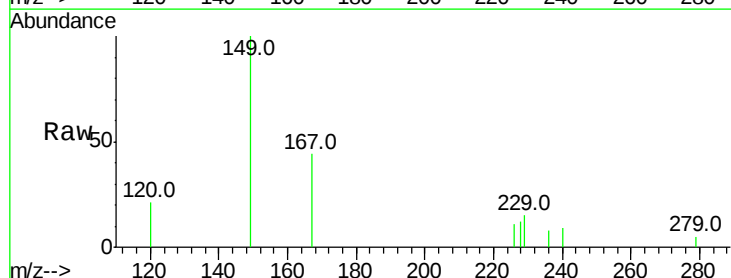
Tgt Ion:149 Resp: 3777

Ion Ratio Lower Upper

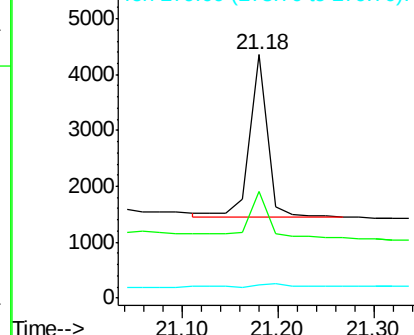
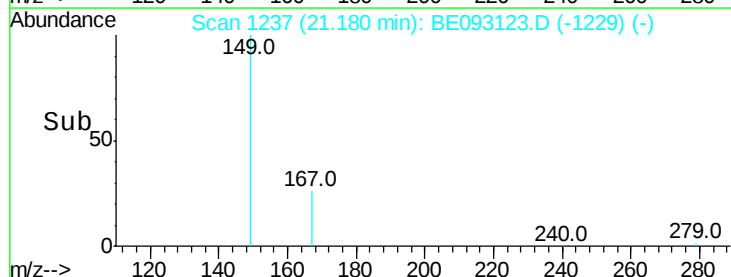
149 100

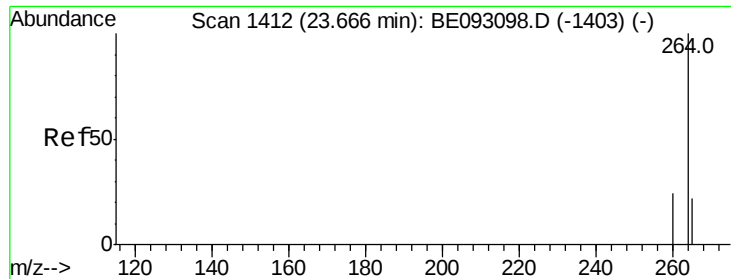
167 28.6 20.1 30.1

279 2.6 2.2 3.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#34
Pervlone-d12
Concen: 0.40 ng
RT: 23.67 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE093123.D
Acq: 13 Jun 2017 4:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 264 Resp: 4548
Ion Ratio Lower Upper
264 100
260 28.9 21.0 31.4
265 36.6 24.6 36.8

