

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
 Data File : BE094650.D
 Acq On : 30 Oct 2017 19:29
 Operator : SJ/JU
 Sample : I6036-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Quant Time: Oct 31 01:41:31 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

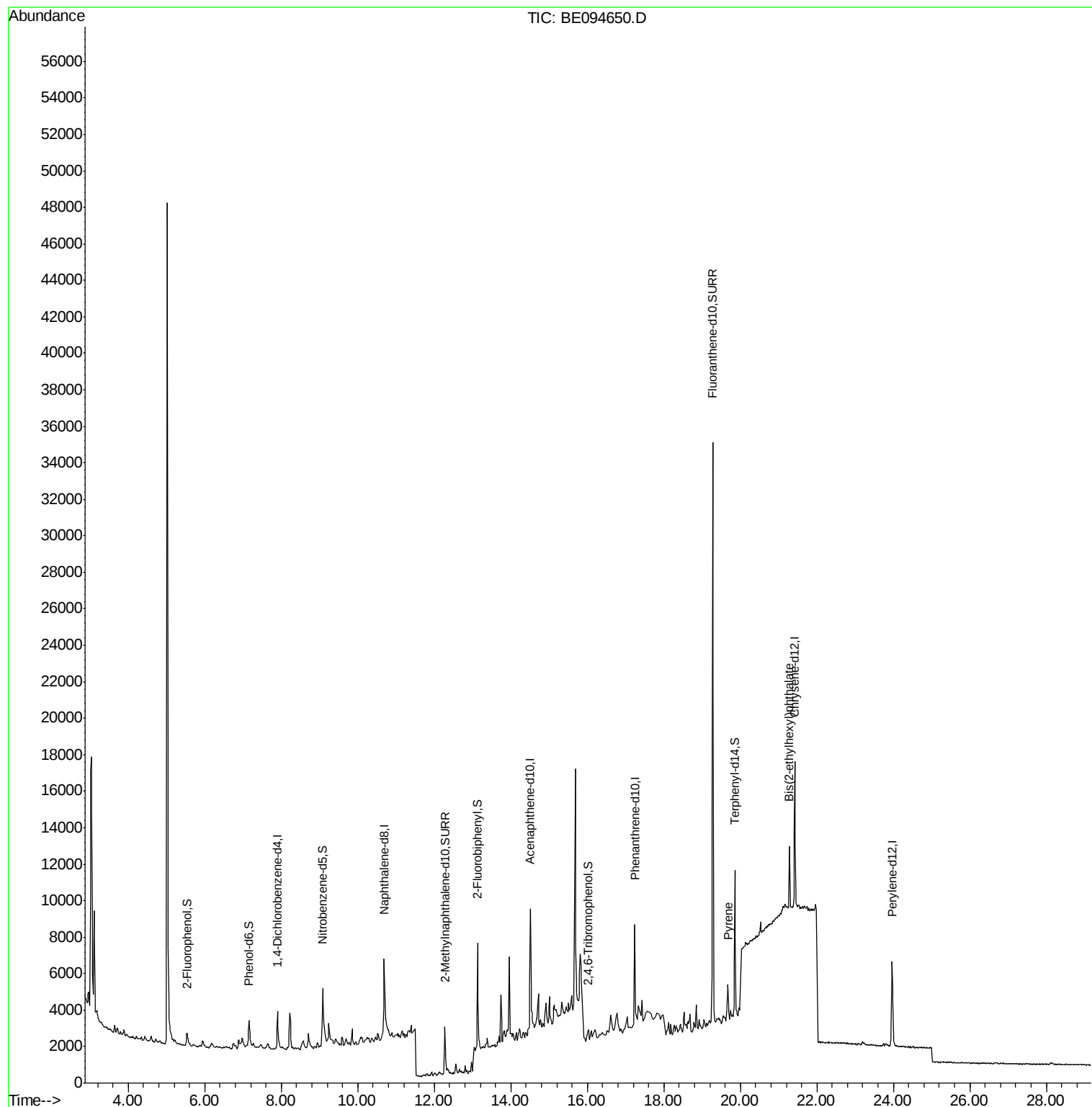
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1192	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6638	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4605	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	9806	0.40	ng	0.00
27) Chrysene-d12	21.43	240	8310	0.40	ng	0.00
34) Perylene-d12	23.97	264	7858	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.54	112	737	0.18	ng	0.01
5) Phenol-d6	7.14	99	727	0.12	ng	0.00
8) Nitrobenzene-d5	9.08	82	2206	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	4471	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	391	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	6423	0.40	ng	-0.01
25) Fluoranthene-d10	19.28	212	42736	0.34	ng	0.00
29) Terphenyl-d14	19.86	244	7217	0.46	ng	0.00
Target Compounds						
28) Pyrene	19.67	202	1740	0.060	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.28	149	4623	0.070	ng	# 94

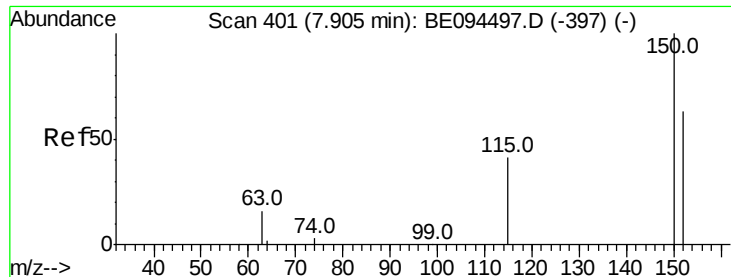
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. 0.00 min

Lab File: BE094650.D

Acq: 30 Oct 2017 19:29

Instrument :

BNA_E

ClientSampleId :

MW-2

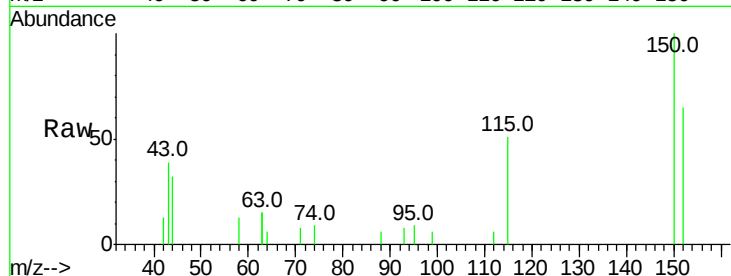
Tot Ion:152 Resp: 1192

Ion Ratio Lower Upper

152 100

150 153.0 117.2 175.8

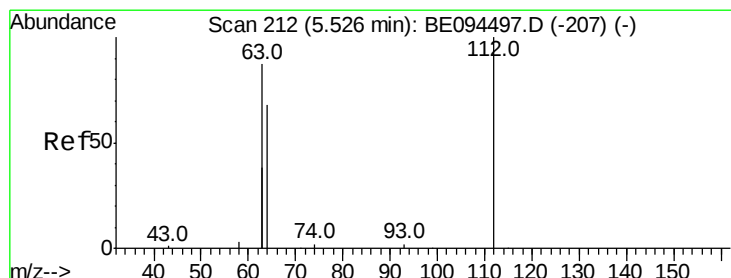
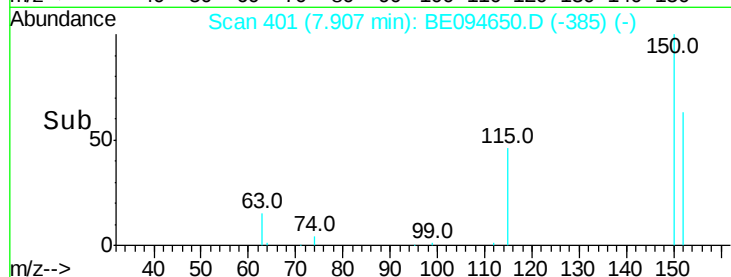
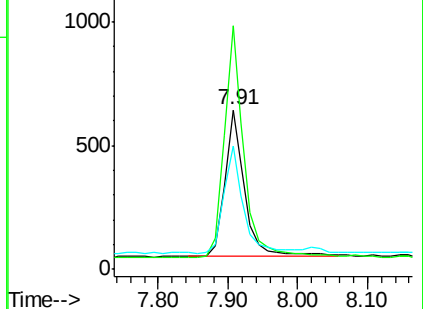
115 77.4 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.180 ng

RT: 5.54 min Scan# 213

Delta R.T. 0.01 min

Lab File: BE094650.D

Acq: 30 Oct 2017 19:29

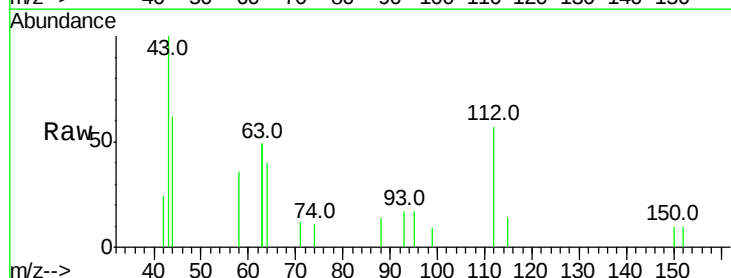
Tgt Ion:112 Resp: 737

Ion Ratio Lower Upper

112 100

64 73.9 60.1 90.1

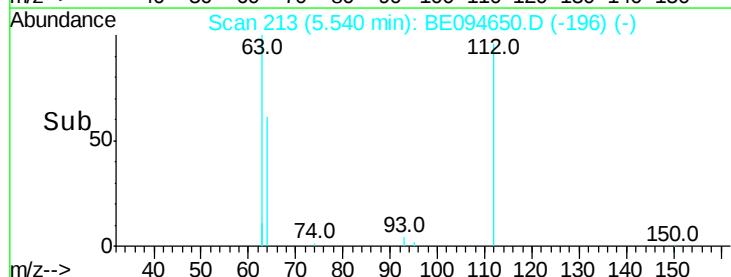
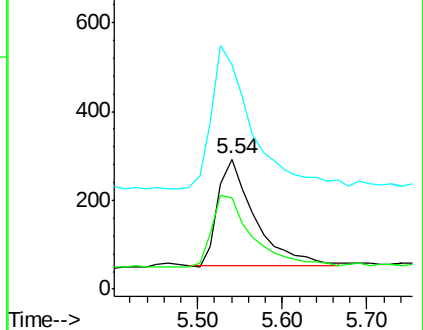
63 145.7 116.8 175.2

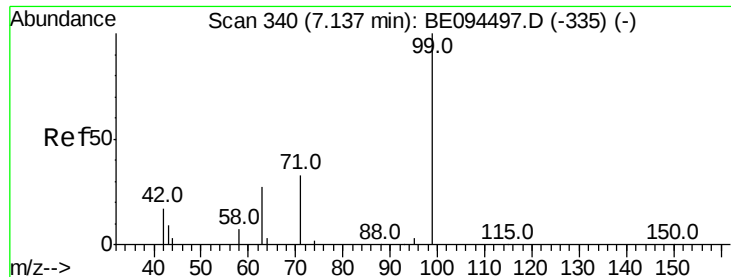


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.118 ng

RT: 7.14 min Scan# 340

Delta R.T. 0.00 min

Lab File: BE094650.D

Acq: 30 Oct 2017 19:29

Instrument :

BNA_E

ClientSampleId :

MW-2

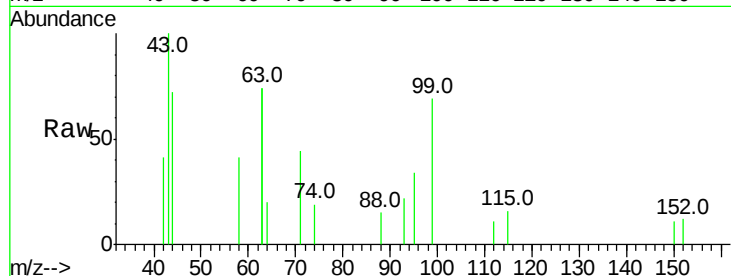
Tot Ion: 99 Resp: 727

Ion Ratio Lower Upper

99 100

42 23.5 20.2 30.2

71 0.0 28.4 42.6#

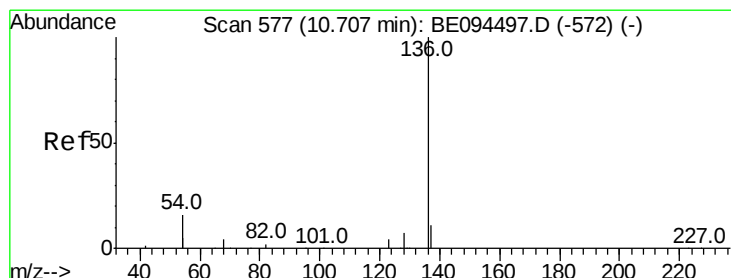
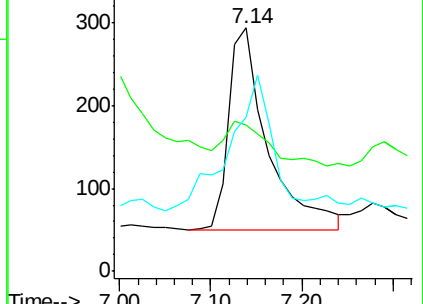
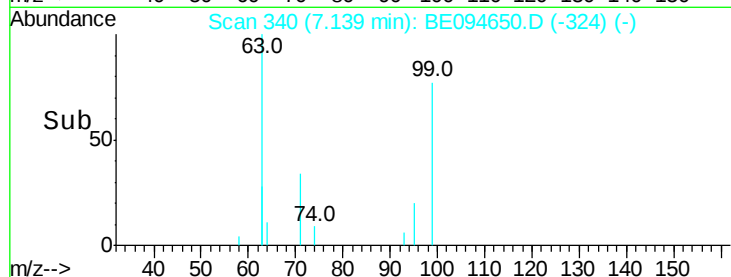


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094650.D

Acq: 30 Oct 2017 19:29

Tgt Ion: 136 Resp: 6638

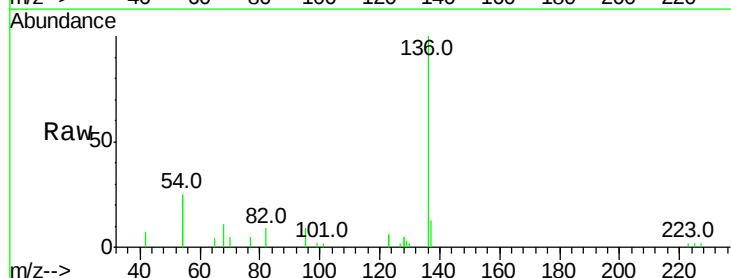
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 49.4 29.1 43.7#

68 11.3 6.2 9.2#



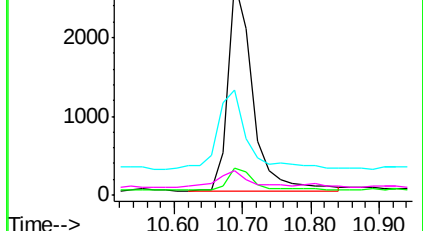
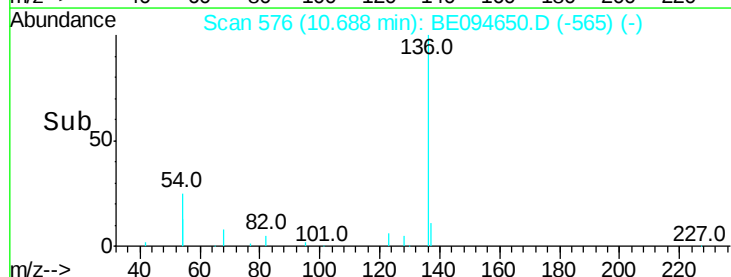
Abundance Ion 136.00 (135.70 to 136.70): E

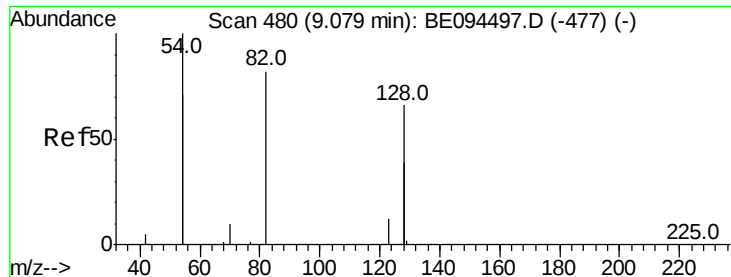
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->





#8

Nitrobenzene-d5

Concen: 0.416 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE094650.D

Acq: 30 Oct 2017 19:29

Instrument :

BNA_E

ClientSampleId :

MW-2

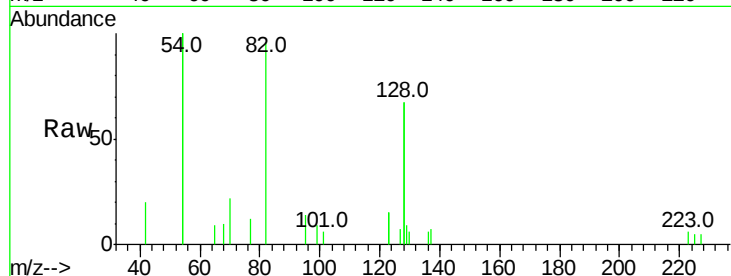
Tot Ion: 82 Resp: 2206

Ion Ratio Lower Upper

82 100

128 139.1 150.0 225.0#

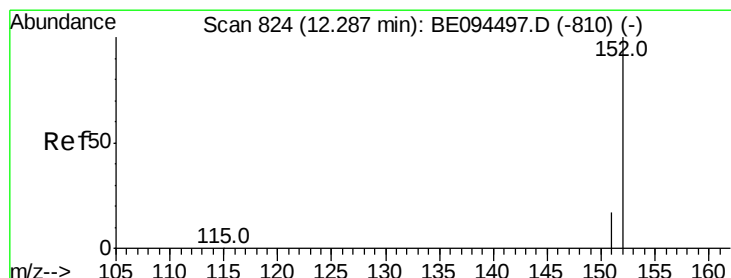
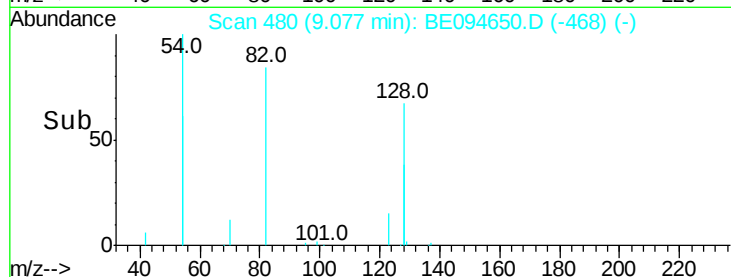
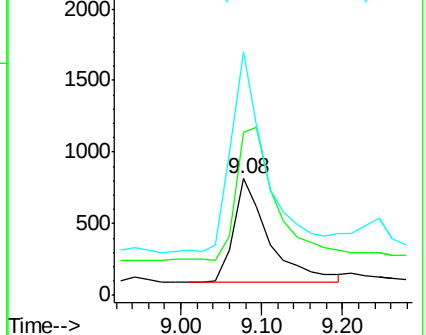
54 208.6 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.420 ng

RT: 12.28 min Scan# 821

Delta R.T. -0.01 min

Lab File: BE094650.D

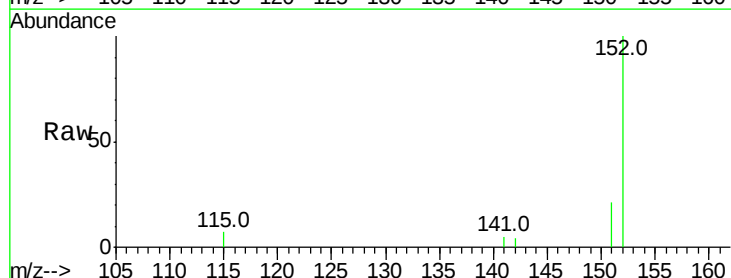
Acq: 30 Oct 2017 19:29

Tgt Ion: 152 Resp: 4471

Ion Ratio Lower Upper

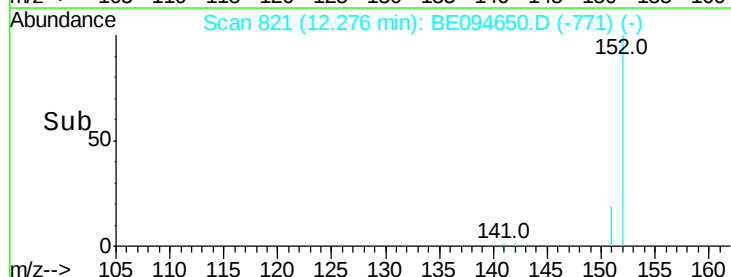
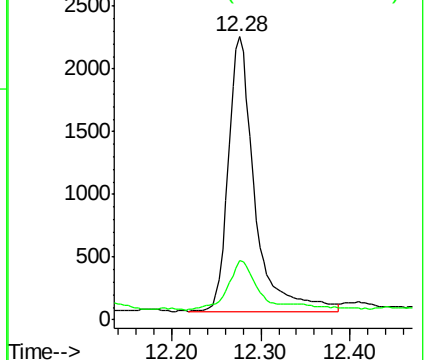
152 100

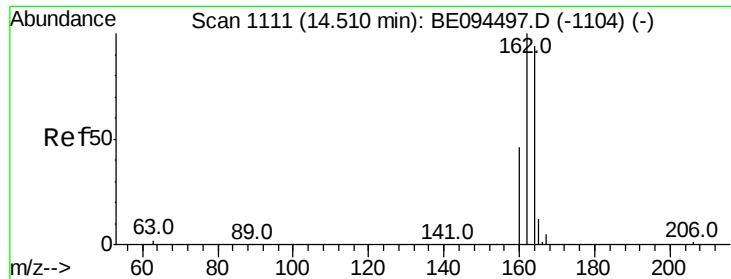
151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

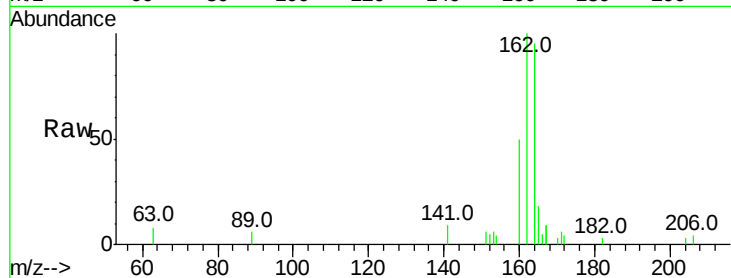




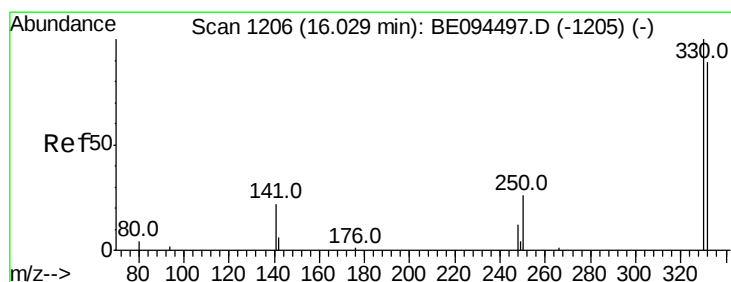
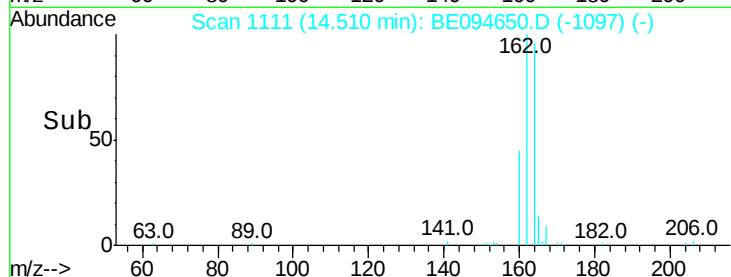
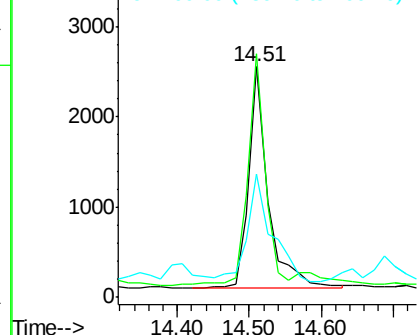
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_E
ClientSampleId :
MW-2

Tot Ion:164 Resp: 4605
Ion Ratio Lower Upper
164 100
162 105.7 83.1 124.7
160 53.3 37.1 55.7

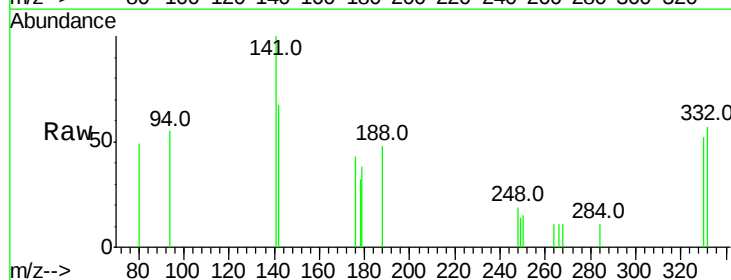


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

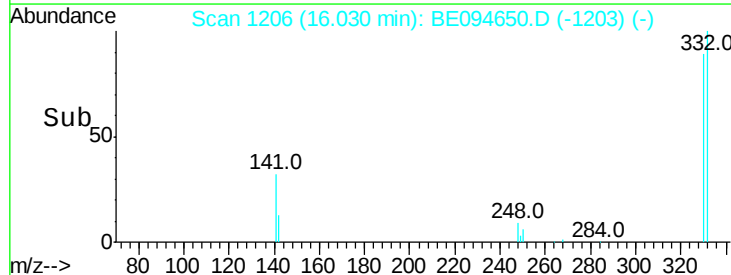
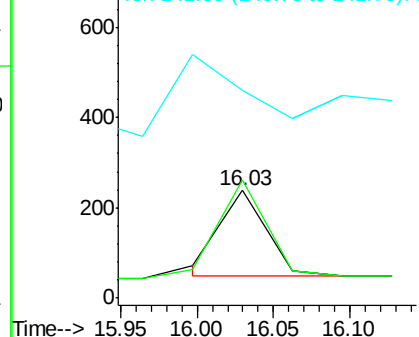


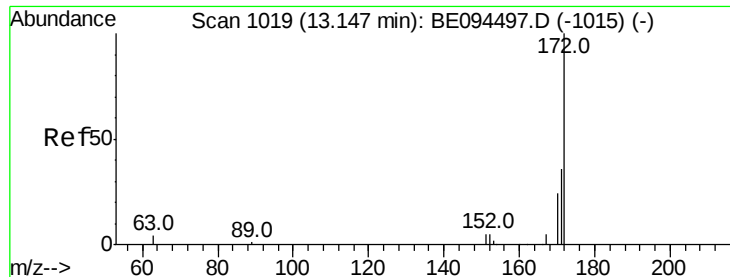
#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Tgt Ion:330 Resp: 391
Ion Ratio Lower Upper
330 100
332 111.5 152.7 229.1#
141 0.0 33.7 50.5#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

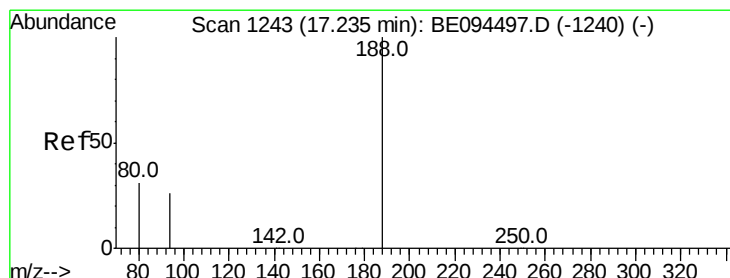
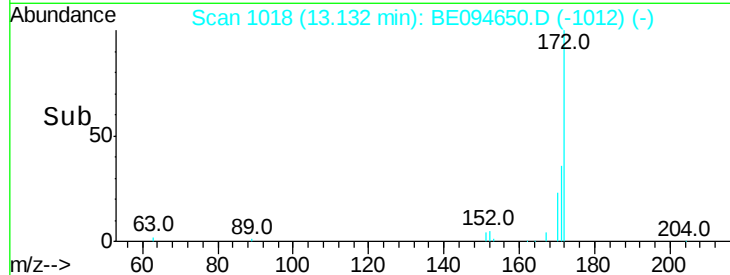
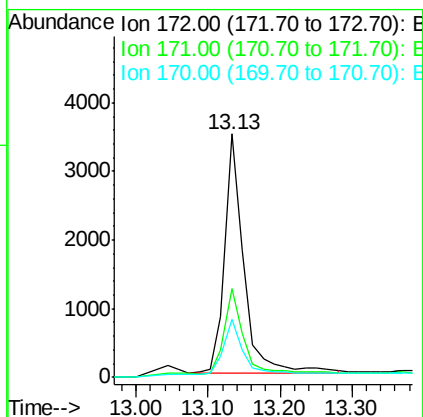
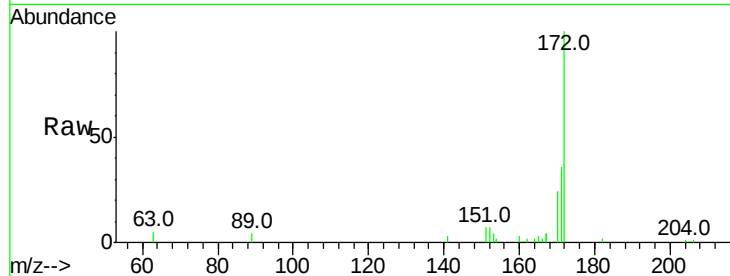




#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

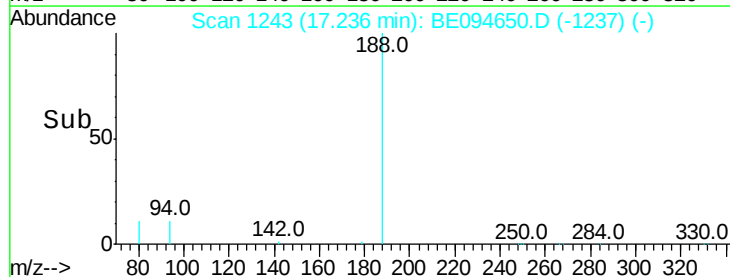
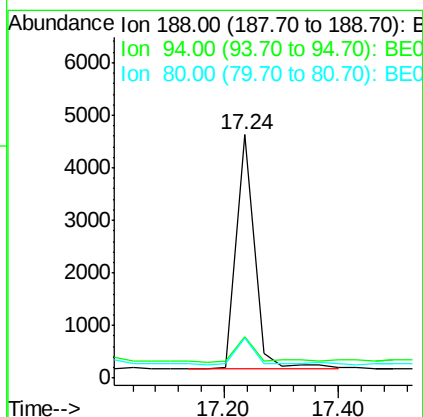
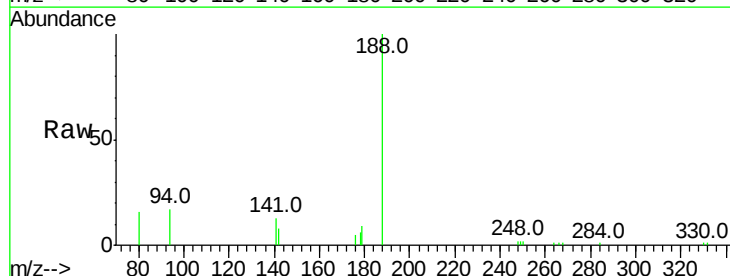
Instrument :
BNA_E
ClientSampleId :
MW-2

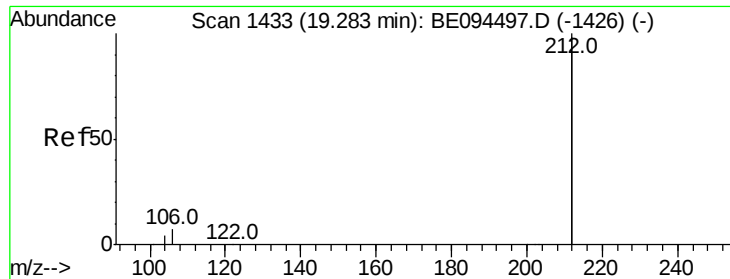
Tot Ion:172 Resp: 6423
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 23.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094650.D
Acq: 30 Oct 2017 19:29

Tgt Ion:188 Resp: 9806
Ion Ratio Lower Upper
188 100
94 17.1 3.9 5.9#
80 16.3 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE094650.D

Acq: 30 Oct 2017 19:29

Instrument :

BNA_E

ClientSampleId :

MW-2

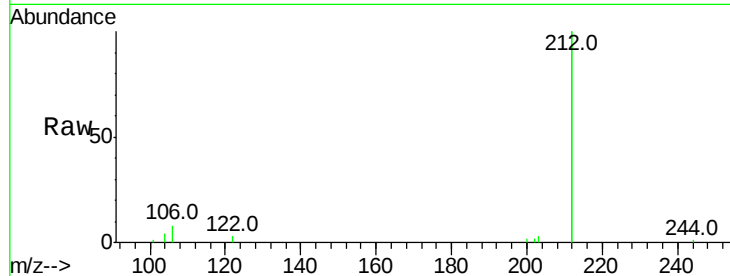
Tot Ion:212 Resp: 42736

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

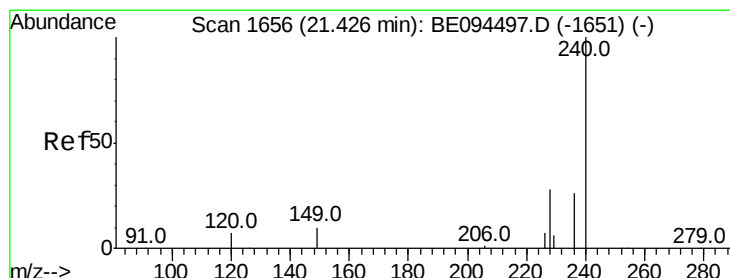
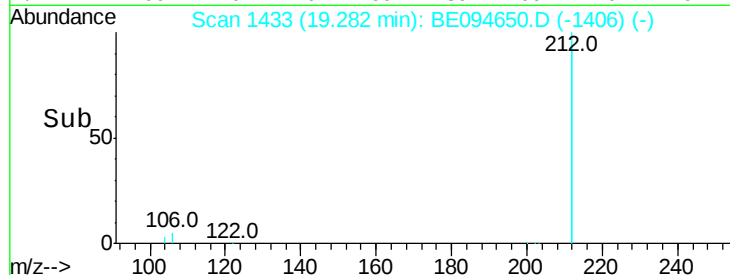
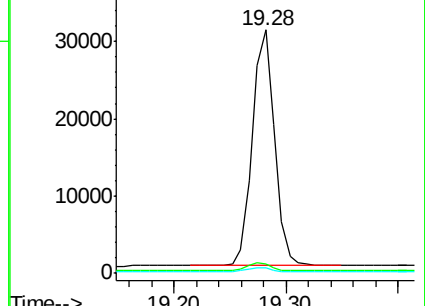
104 2.1 1.6 2.4



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: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE094650.D

Acq: 30 Oct 2017 19:29

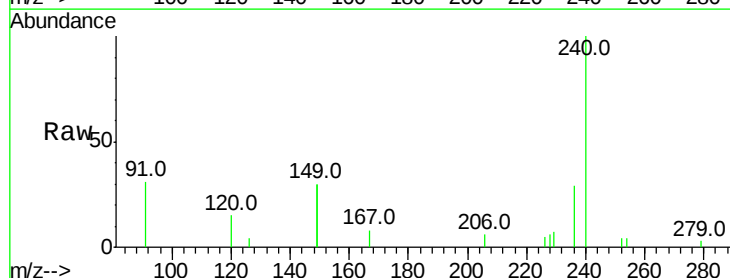
Tgt Ion:240 Resp: 8310

Ion Ratio Lower Upper

240 100

120 15.3 5.5 8.3#

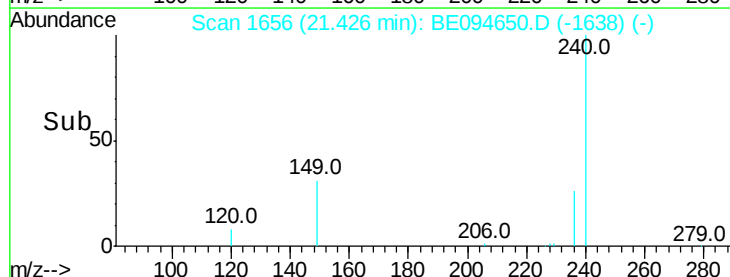
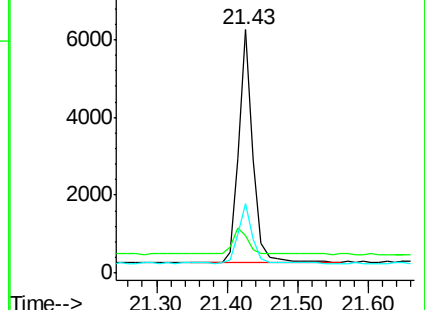
236 28.8 20.7 31.1

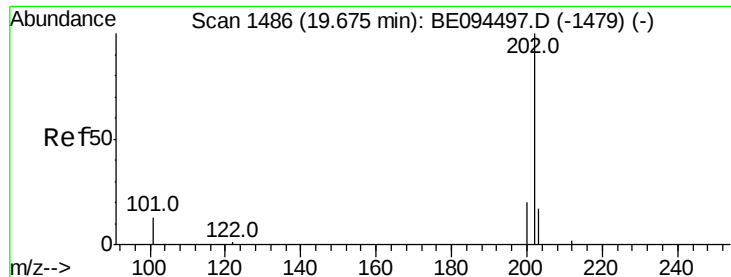


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.060 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE094650.D

Acq: 30 Oct 2017 19:29

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MW-2

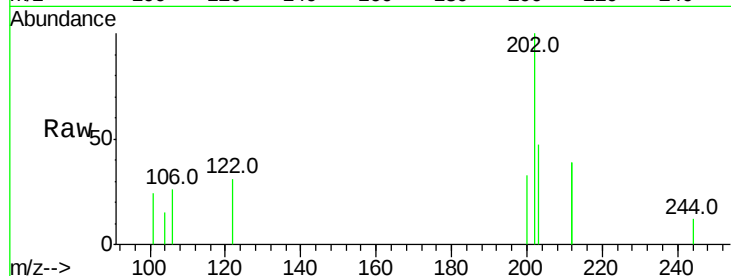
Tot Ion:202 Resp: 1740

Ion Ratio Lower Upper

202 100

200 20.1 16.6 25.0

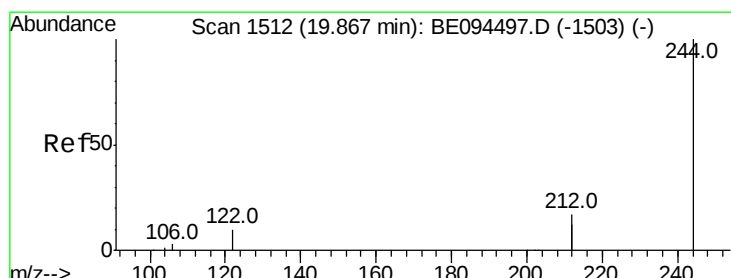
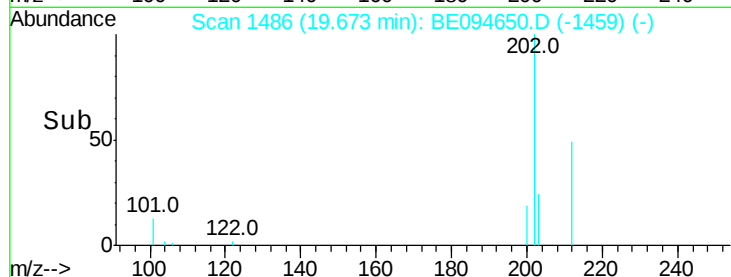
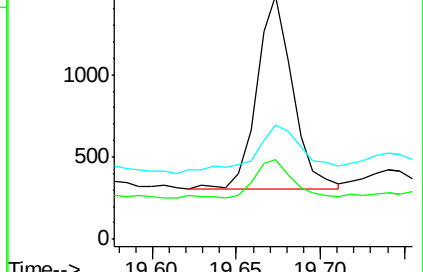
203 35.1 13.8 20.8#



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: 0.461 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE094650.D

Acq: 30 Oct 2017 19:29

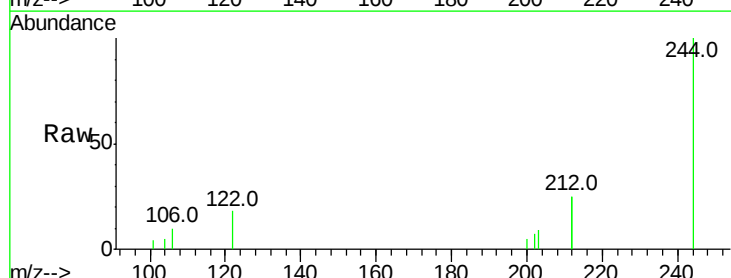
Tgt Ion:244 Resp: 7217

Ion Ratio Lower Upper

244 100

212 50.3 25.4 38.0#

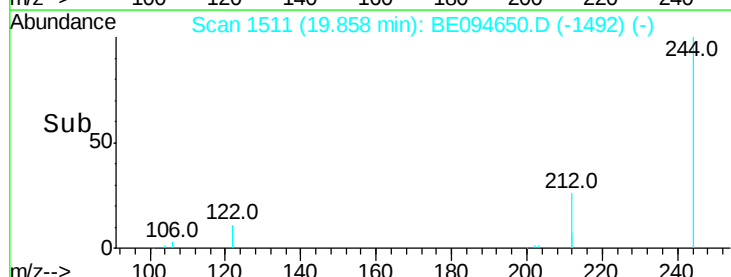
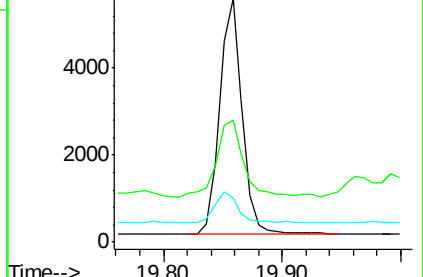
122 18.2 8.1 12.1#

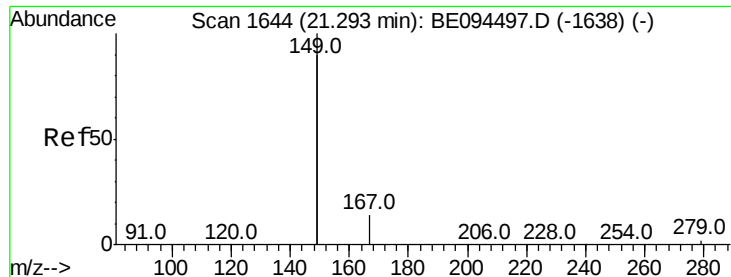


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.070 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094650.D

Acq: 30 Oct 2017 19:29

Instrument :

BNA_E

ClientSampleId :

MW-2

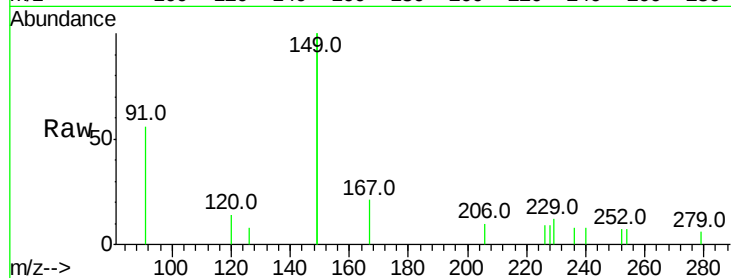
Tot Ion:149 Resp: 4623

Ion Ratio Lower Upper

149 100

167 8.8 5.4 8.0#

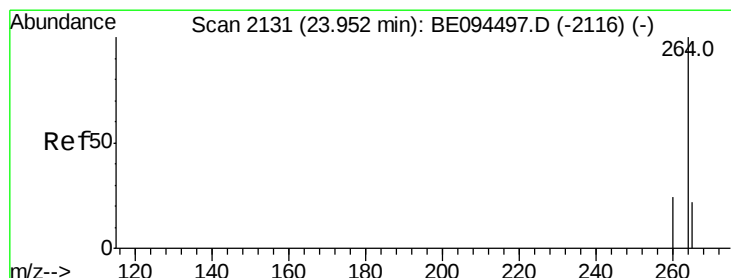
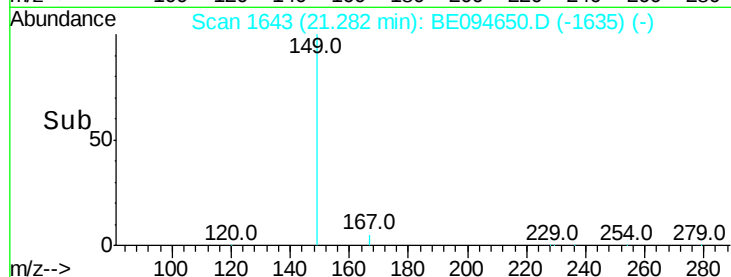
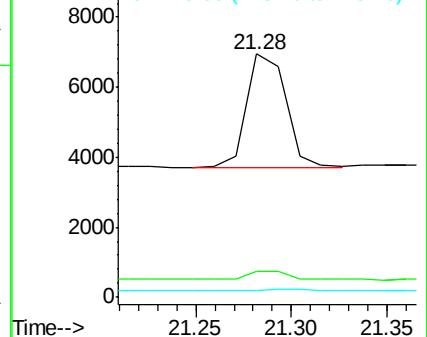
279 1.6 0.7 1.1#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BE094650.D

Acq: 30 Oct 2017 19:29

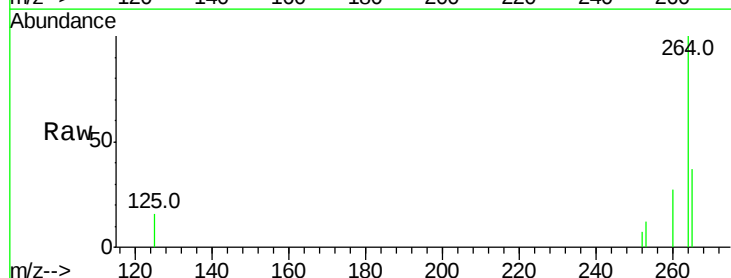
Tgt Ion:264 Resp: 7858

Ion Ratio Lower Upper

264 100

260 27.2 20.5 30.7

265 37.0 22.8 34.2#



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

