

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099758.D
 Acq On : 28 May 2019 15:53
 Operator : JU/SJ
 Sample : K3037-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW6-R1-1

Quant Time: Jun 06 09:38:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

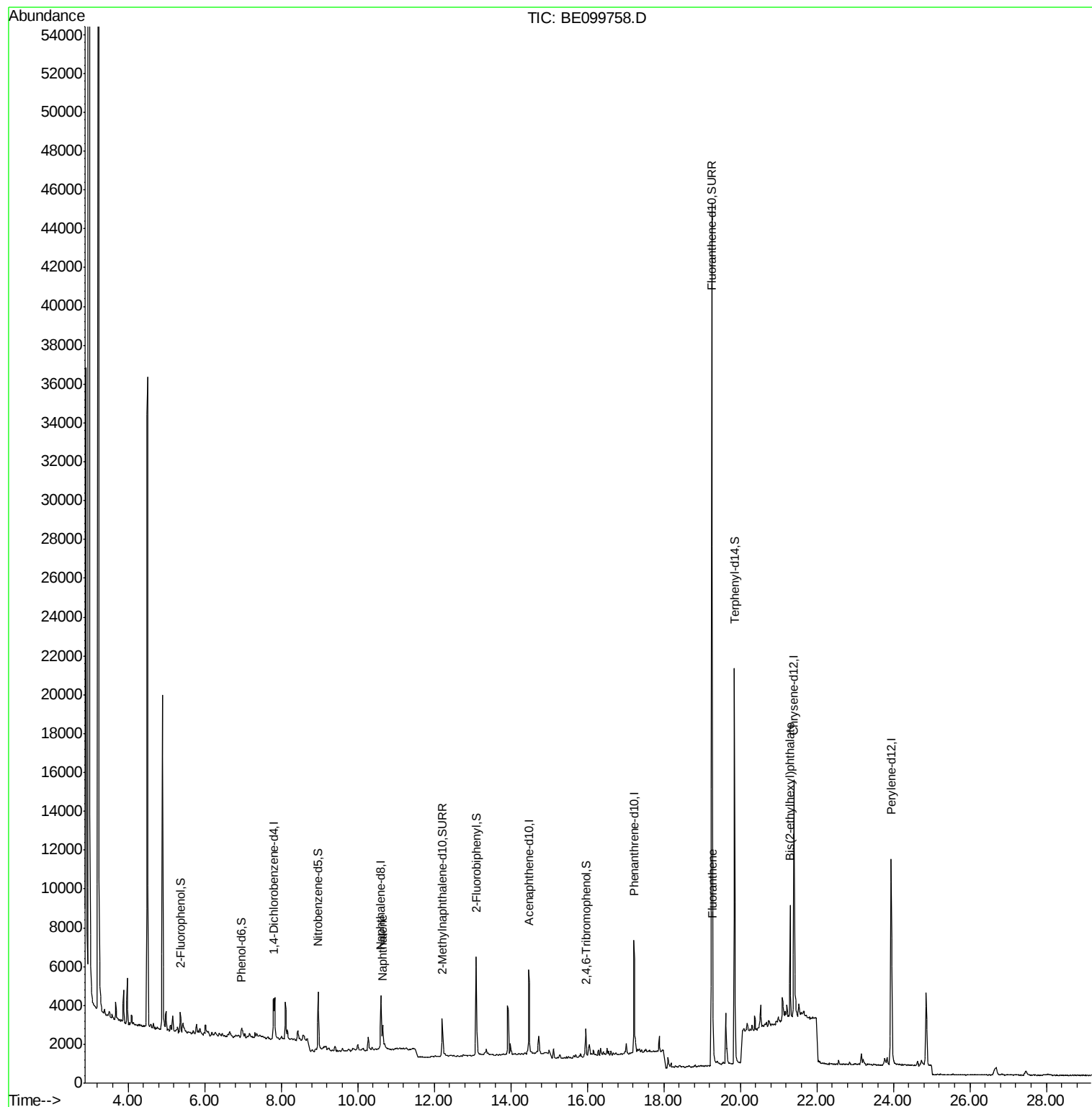
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1168	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	4091	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3075	0.40	ng	-0.02
19) Phenanthrene-d10	17.21	188	9831	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	14645	0.40	ng	-0.01
34) Perylene-d12	23.94	264	16634	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	670	0.23	ng	-0.01
5) Phenol-d6	6.96	99	600	0.15	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1525	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3000	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	1069	0.58	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6373	0.55	ng	0.00
25) Fluoranthene-d10	19.25	212	63591	0.47	ng	-0.01
29) Terphenyl-d14	19.85	244	19779	0.76	ng	-0.02
Target Compounds						
9) Naphthalene	10.65	128	2044	0.047	ng	# 85
26) Fluoranthene	19.28	202	1010	0.027	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.31	149	6092	0.127	ng	97

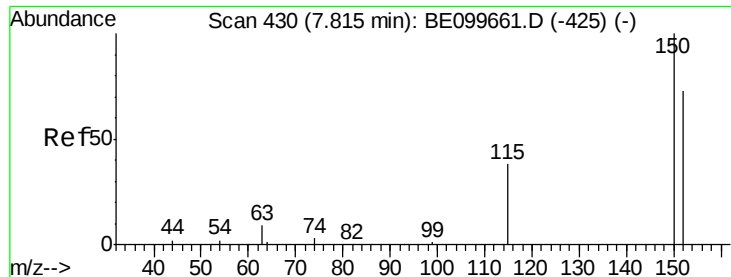
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

MW6-R1-1

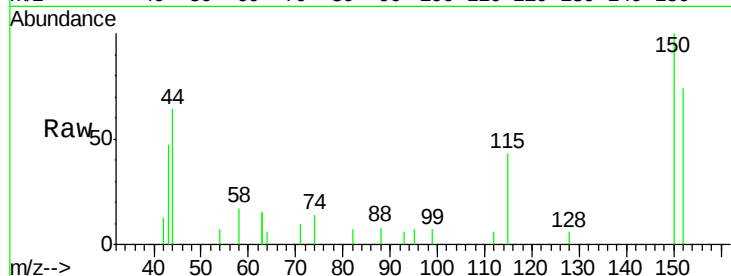
Tot Ion:152 Resp: 1168

Ion Ratio Lower Upper

152 100

150 135.5 109.2 163.8

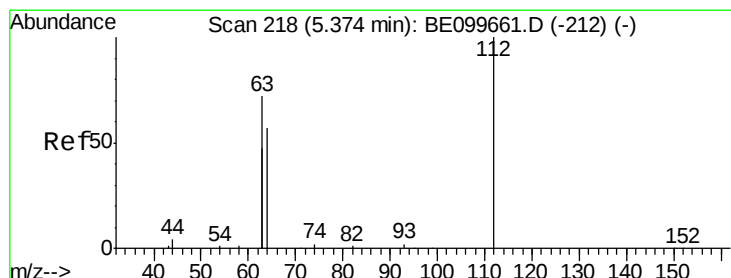
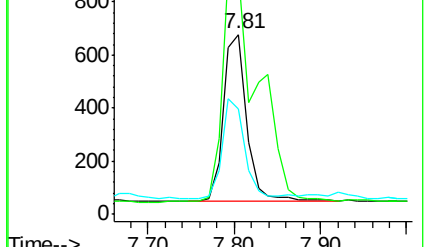
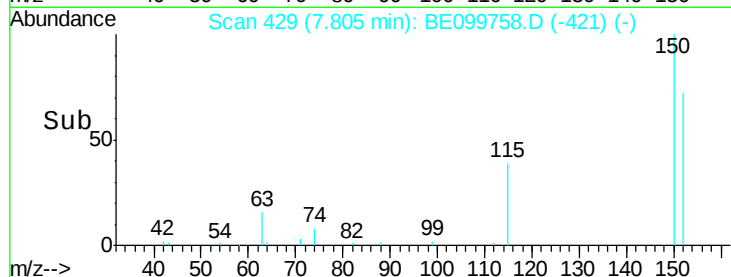
115 58.8 43.7 65.5



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: 0.227 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

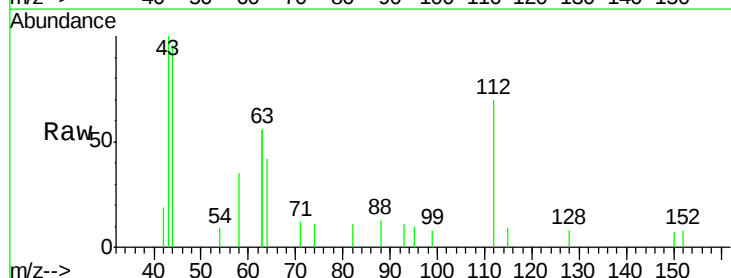
Tgt Ion:112 Resp: 670

Ion Ratio Lower Upper

112 100

64 53.0 43.4 65.2

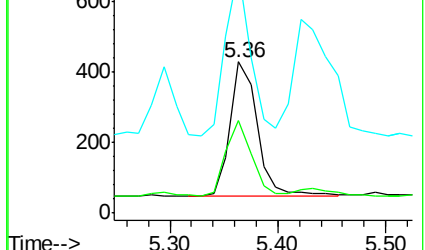
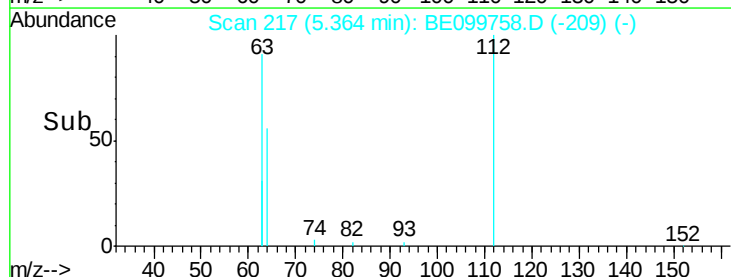
63 112.1 96.9 145.3

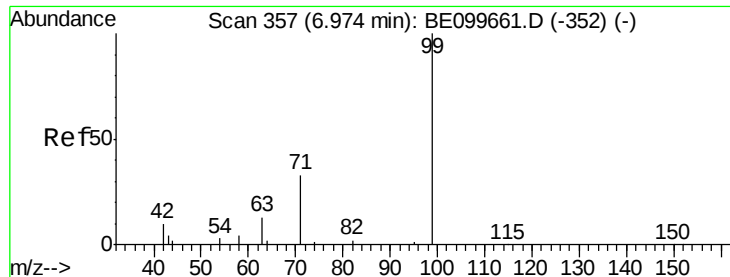


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.154 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

MW6-R1-1

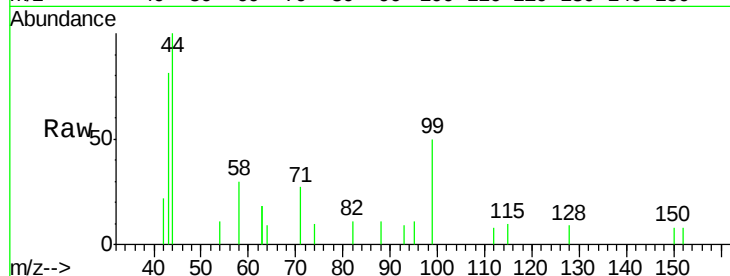
Tot Ion: 99 Resp: 600

Ion Ratio Lower Upper

99 100

42 23.0 12.2 18.2#

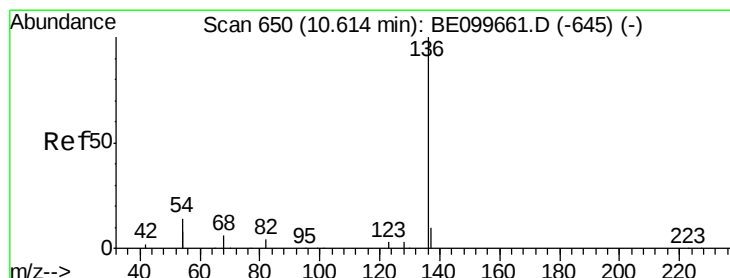
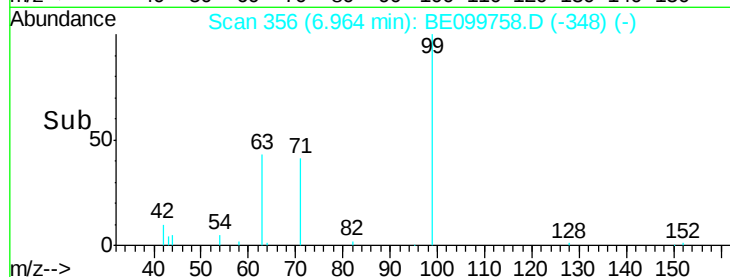
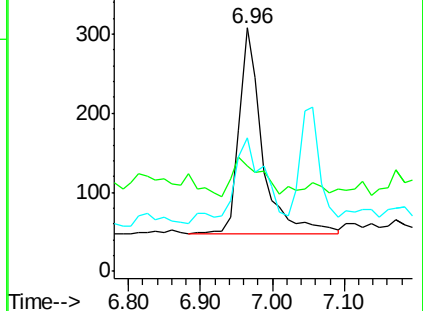
71 53.8 28.9 43.3#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Tgt Ion: 136 Resp: 4091

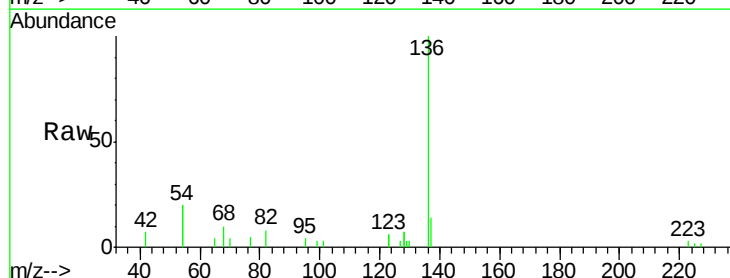
Ion Ratio Lower Upper

136 100

137 14.2 9.0 13.6#

54 40.3 22.3 33.5#

68 9.9 6.0 9.0#

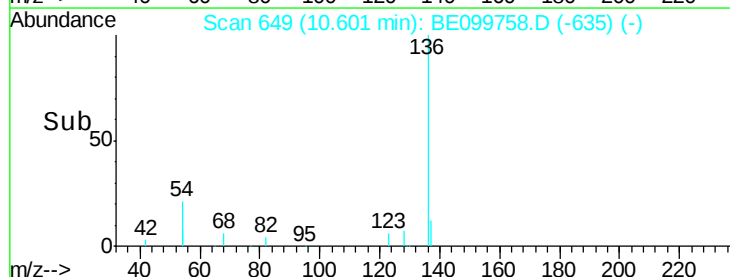
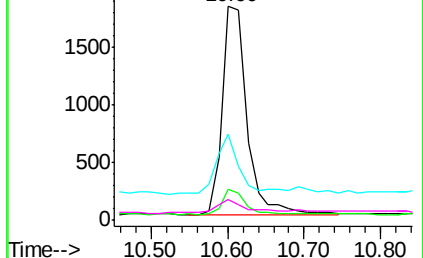


Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.431 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

MW6-R1-1

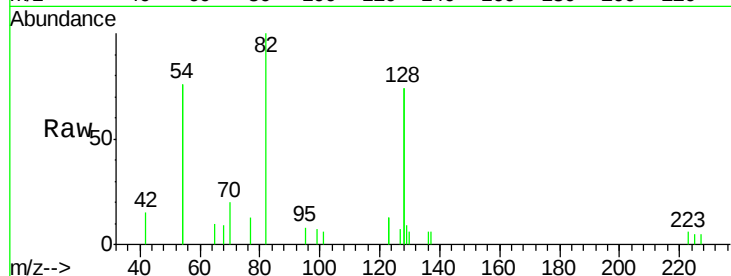
Tot Ion: 82 Resp: 1525

Ion Ratio Lower Upper

82 100

128 147.5 117.7 176.5

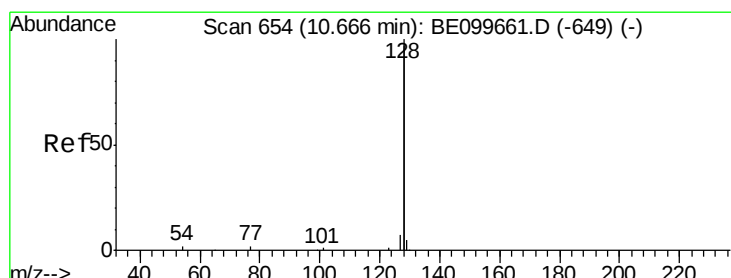
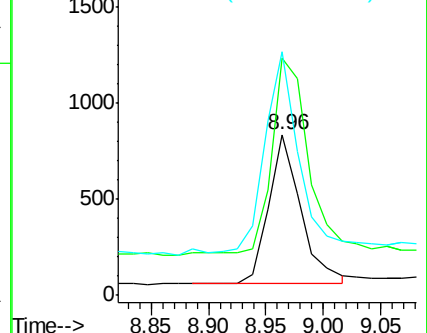
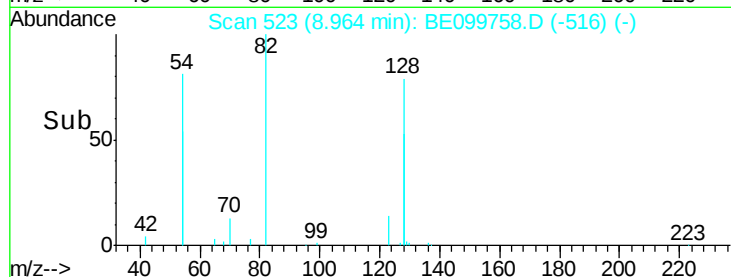
54 151.3 106.6 160.0



Abundance Ion 82.00 (81.70 to 82.70): BE099758.D (-516) (-)

Ion 128.00 (127.70 to 128.70): BE099758.D (-516) (-)

Ion 54.00 (53.70 to 54.70): BE099758.D (-516) (-)



#9

Naphthalene

Concen: 0.047 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

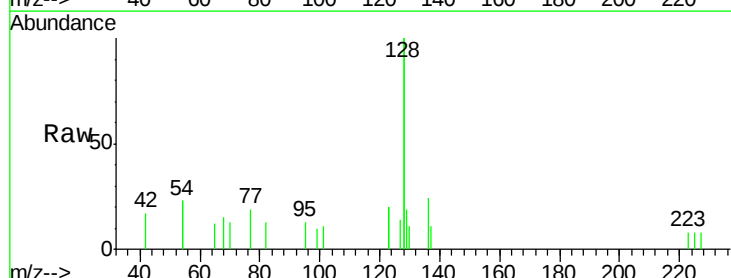
Tgt Ion: 128 Resp: 2044

Ion Ratio Lower Upper

128 100

129 9.5 2.4 3.6#

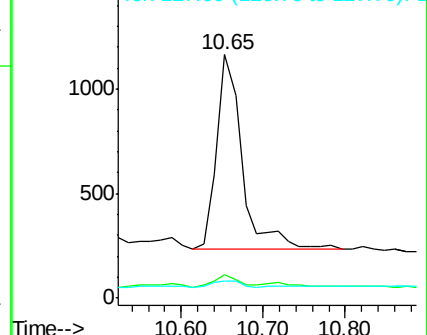
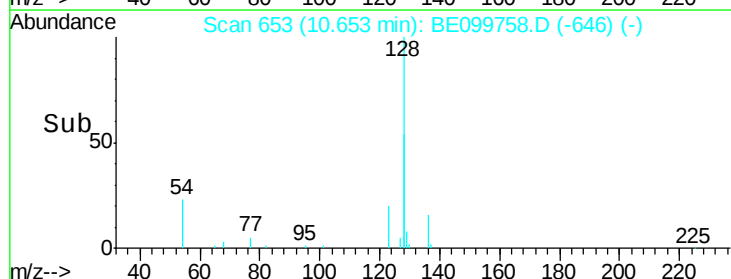
127 7.2 2.9 4.3#

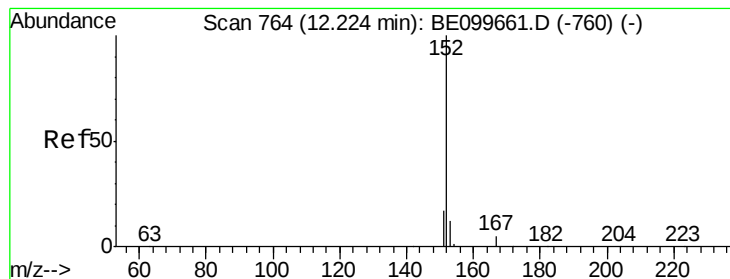


Abundance Ion 128.00 (127.70 to 128.70): BE099758.D (-646) (-)

Ion 129.00 (128.70 to 129.70): BE099758.D (-646) (-)

Ion 127.00 (126.70 to 127.70): BE099758.D (-646) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.425 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

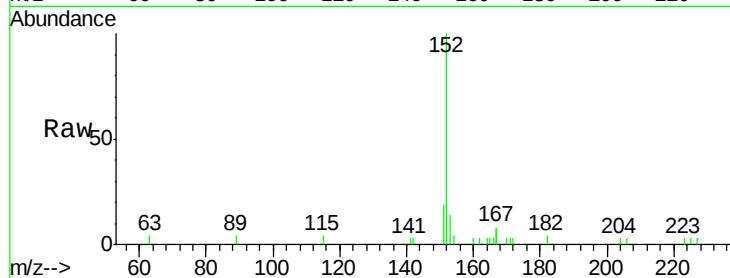
MW6-R1-1

Tot Ion:152 Resp: 3000

Ion Ratio Lower Upper

152 100

151 18.4 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

1500

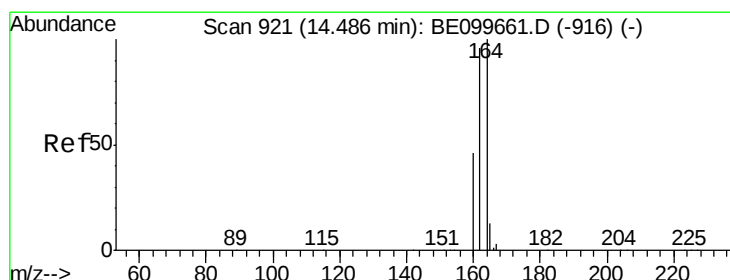
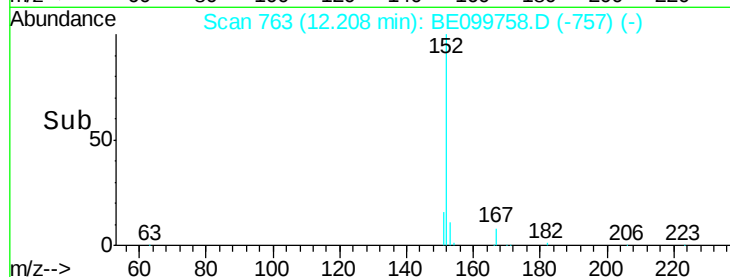
1000

500

0

Time-->

12.10 12.20 12.30 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.02 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

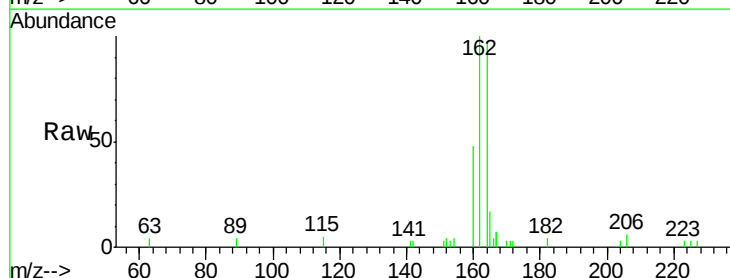
Tgt Ion:164 Resp: 3075

Ion Ratio Lower Upper

164 100

162 103.3 76.5 114.7

160 49.7 37.4 56.2



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

14.47

2000

1500

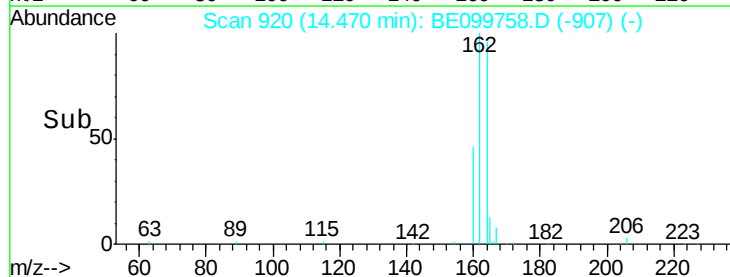
1000

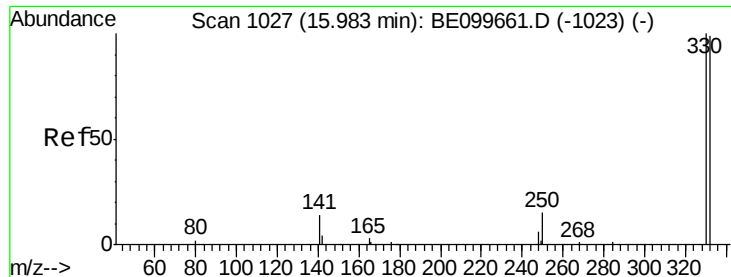
500

0

Time-->

14.40 14.60

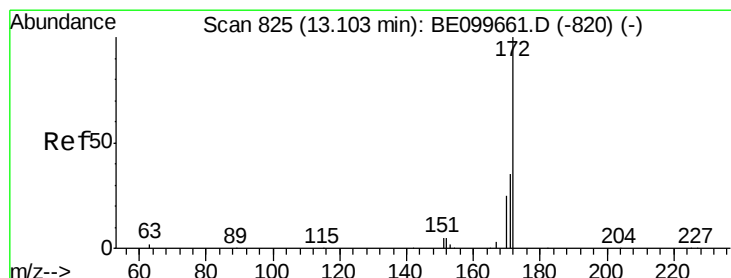
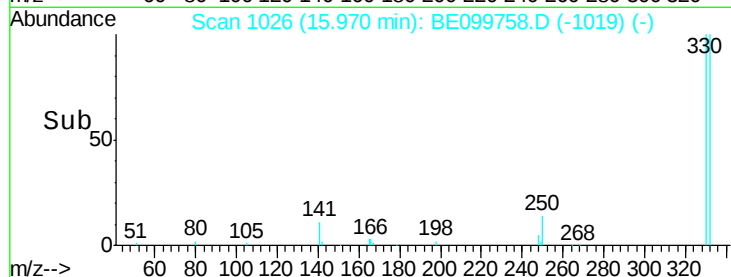
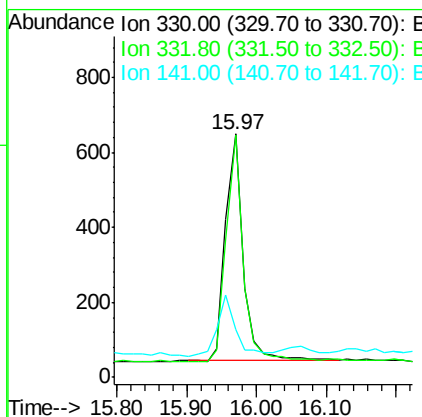
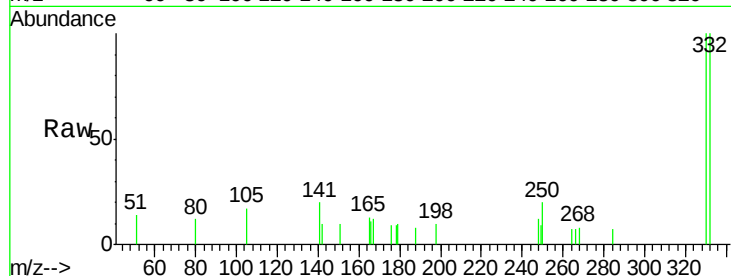




#14
 2,4,6-Tribromophenol
 Concen: 0.579 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099758.D
 Acq: 28 May 2019 15:53

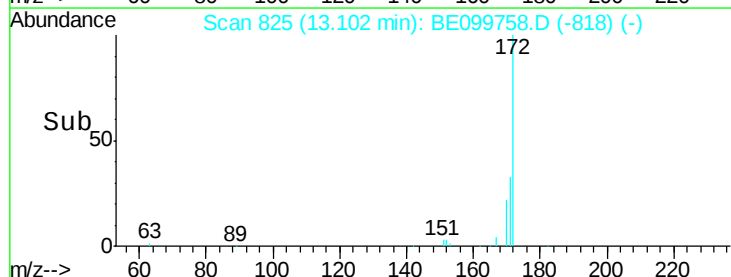
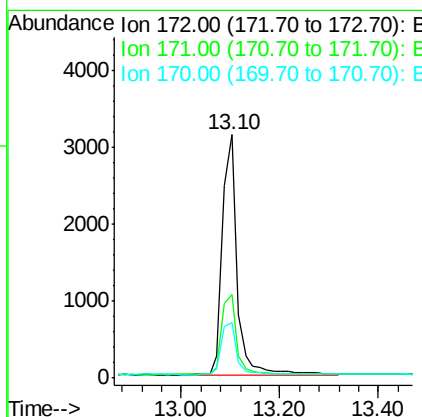
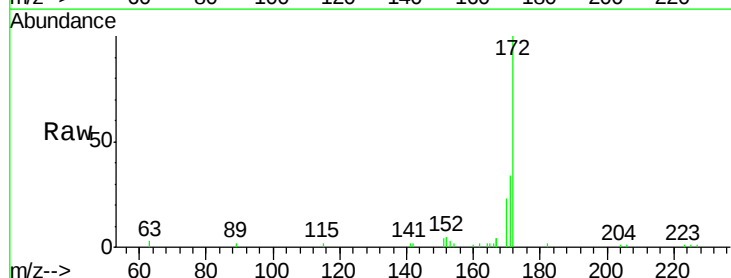
Instrument :
 BNA_E
 ClientSampleId :
 MW6-R1-1

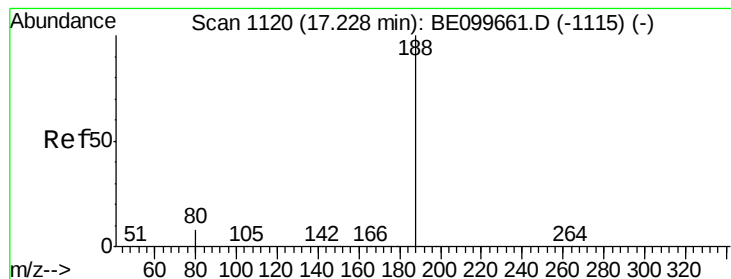
Tot Ion:330 Resp: 1069
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.3 115.9
 141 27.3 18.9 28.3



#15
 2-Fluorobiphenyl
 Concen: 0.546 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099758.D
 Acq: 28 May 2019 15:53

Tgt Ion:172 Resp: 6373
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.7 43.1
 170 22.7 20.9 31.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

MW6-R1-1

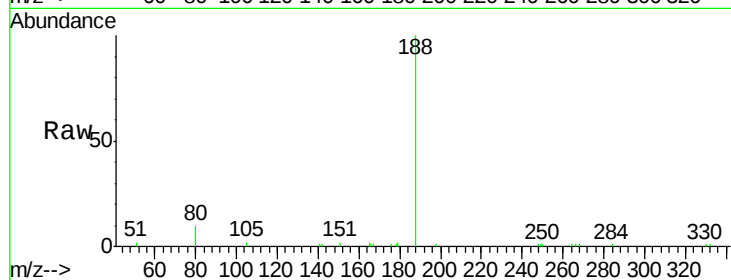
Tot Ion:188 Resp: 9831

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

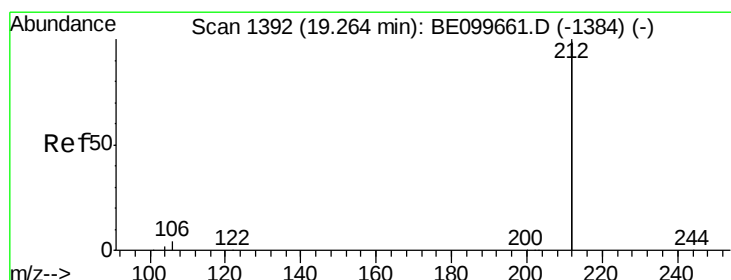
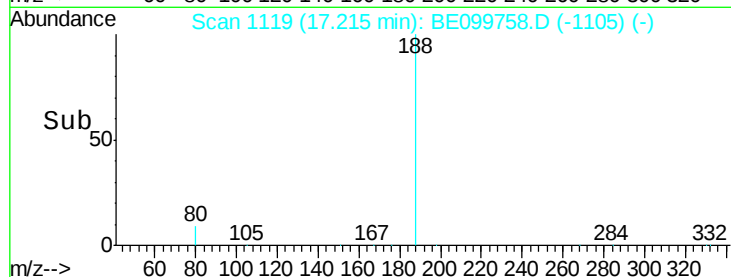
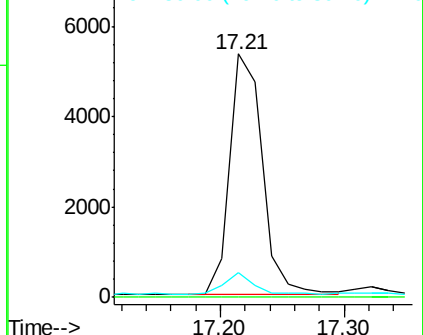
80 10.2 6.7 10.1#



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



#25

Fluoranthene-d10

Concen: 0.473 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

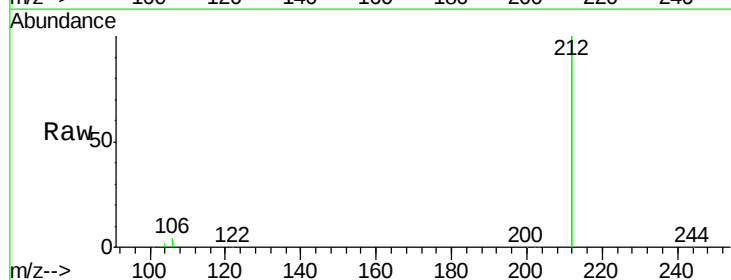
Tgt Ion:212 Resp: 63591

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

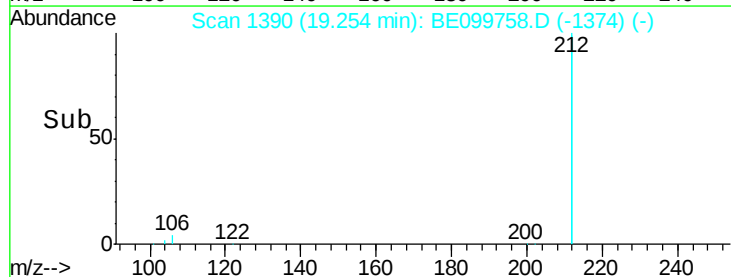
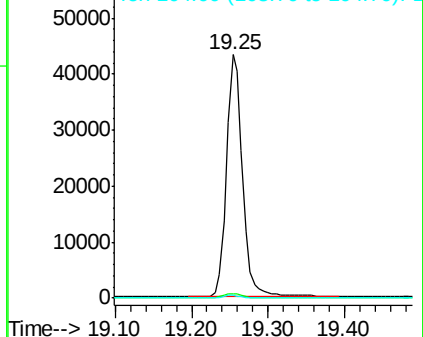
104 1.1 0.8 1.2

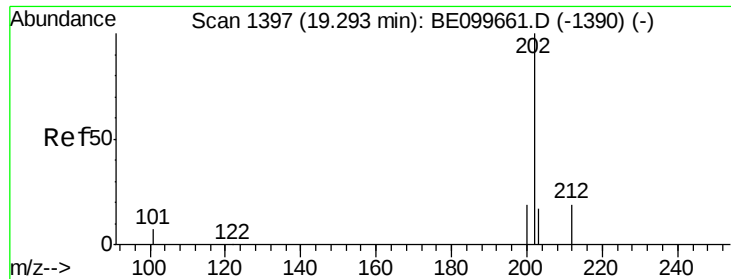


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.027 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

MW6-R1-1

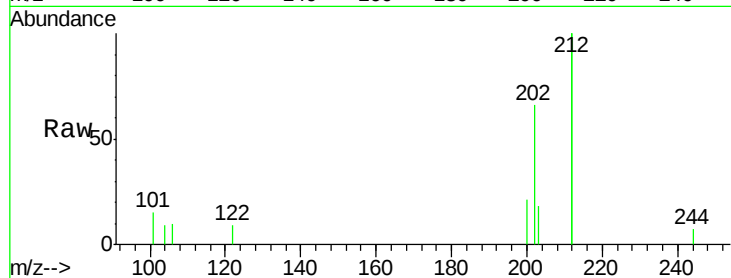
Tot Ion:202 Resp: 1010

Ion Ratio Lower Upper

202 100

101 15.8 5.2 7.8#

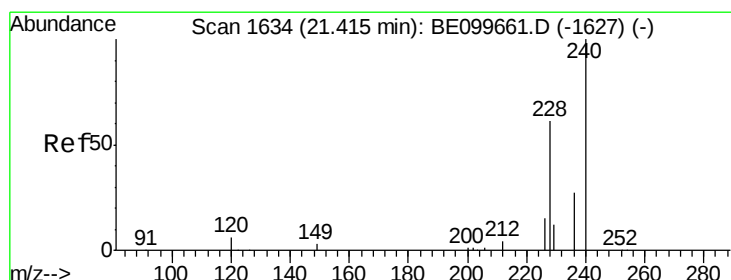
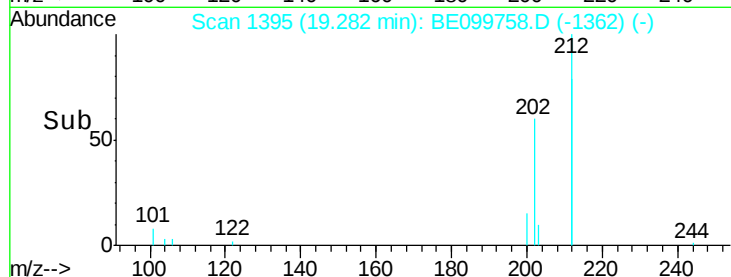
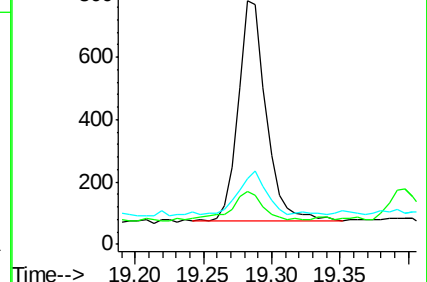
203 19.5 13.8 20.6



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

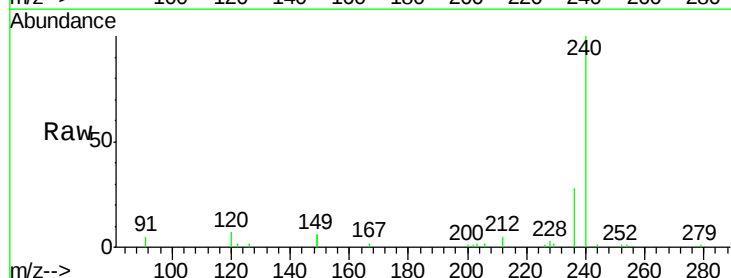
Tgt Ion:240 Resp: 14645

Ion Ratio Lower Upper

240 100

120 7.1 5.4 8.0

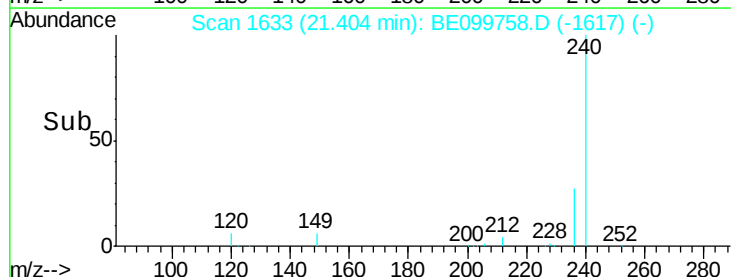
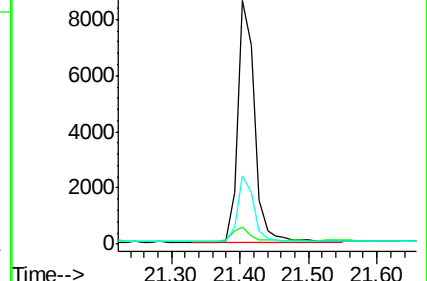
236 28.2 21.7 32.5

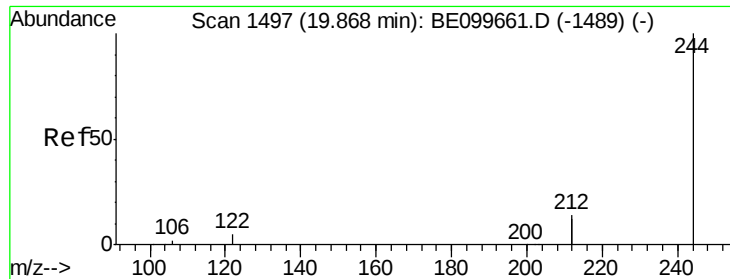


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.757 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

MW6-R1-1

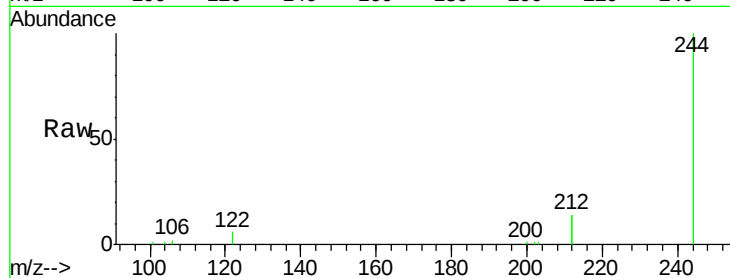
Tot Ion:244 Resp: 19779

Ion Ratio Lower Upper

244 100

212 28.6 22.5 33.7

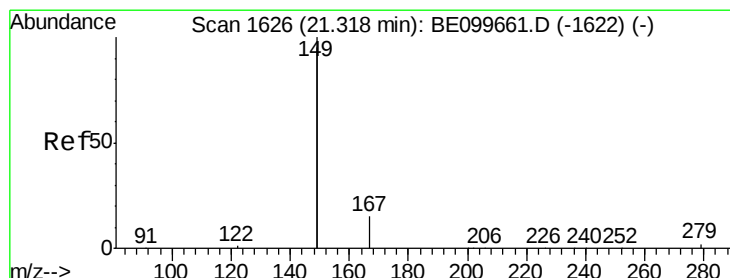
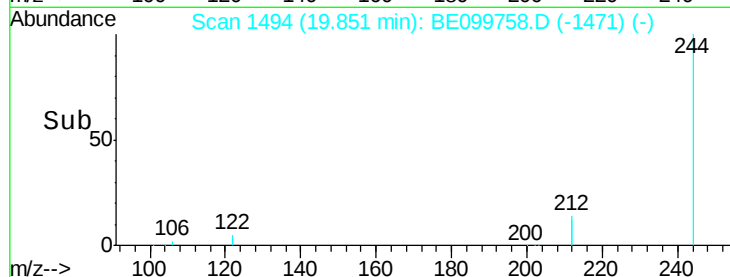
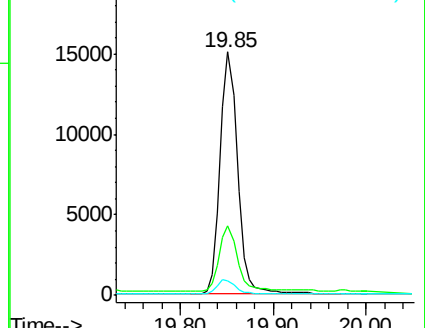
122 6.1 4.3 6.5



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.127 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

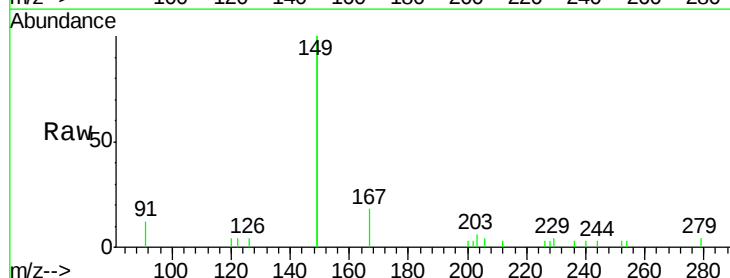
Tgt Ion:149 Resp: 6092

Ion Ratio Lower Upper

149 100

167 9.2 6.2 9.4

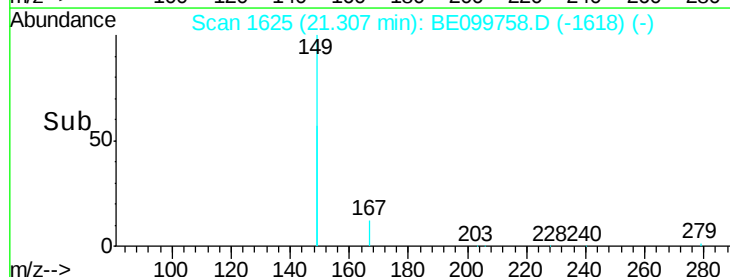
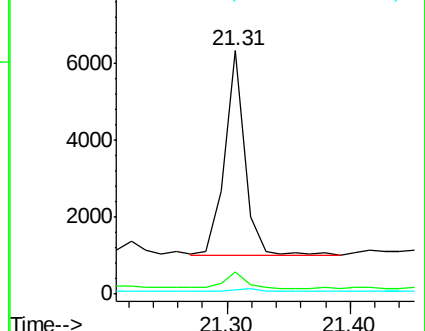
279 1.5 1.2 1.8

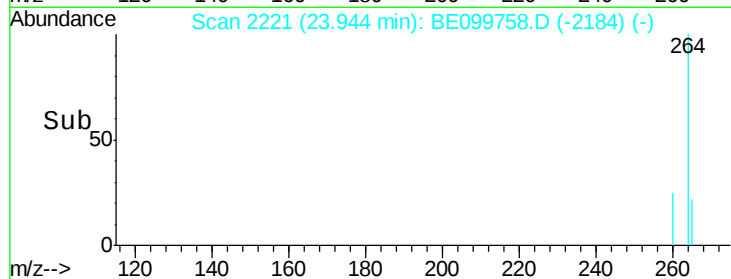
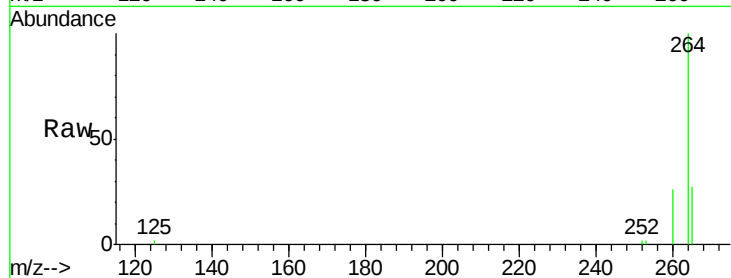
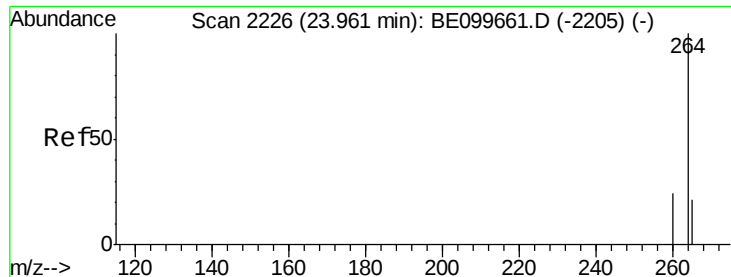


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BE099758.D
 Acq: 28 May 2019 15:53

Instrument :
 BNA_E
 ClientSampleId :
 MW6-R1-1

Tot Ion: 264 Resp: 16634
 Ion Ratio Lower Upper
 264 100
 260 25.8 19.6 29.4
 265 26.6 19.1 28.7

