

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\
 Data File : BE099961.D
 Acq On : 12 Jun 2019 18:01
 Operator : JU/SJ
 Sample : K3280-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW02-20190608

Quant Time: Jun 13 05:11:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

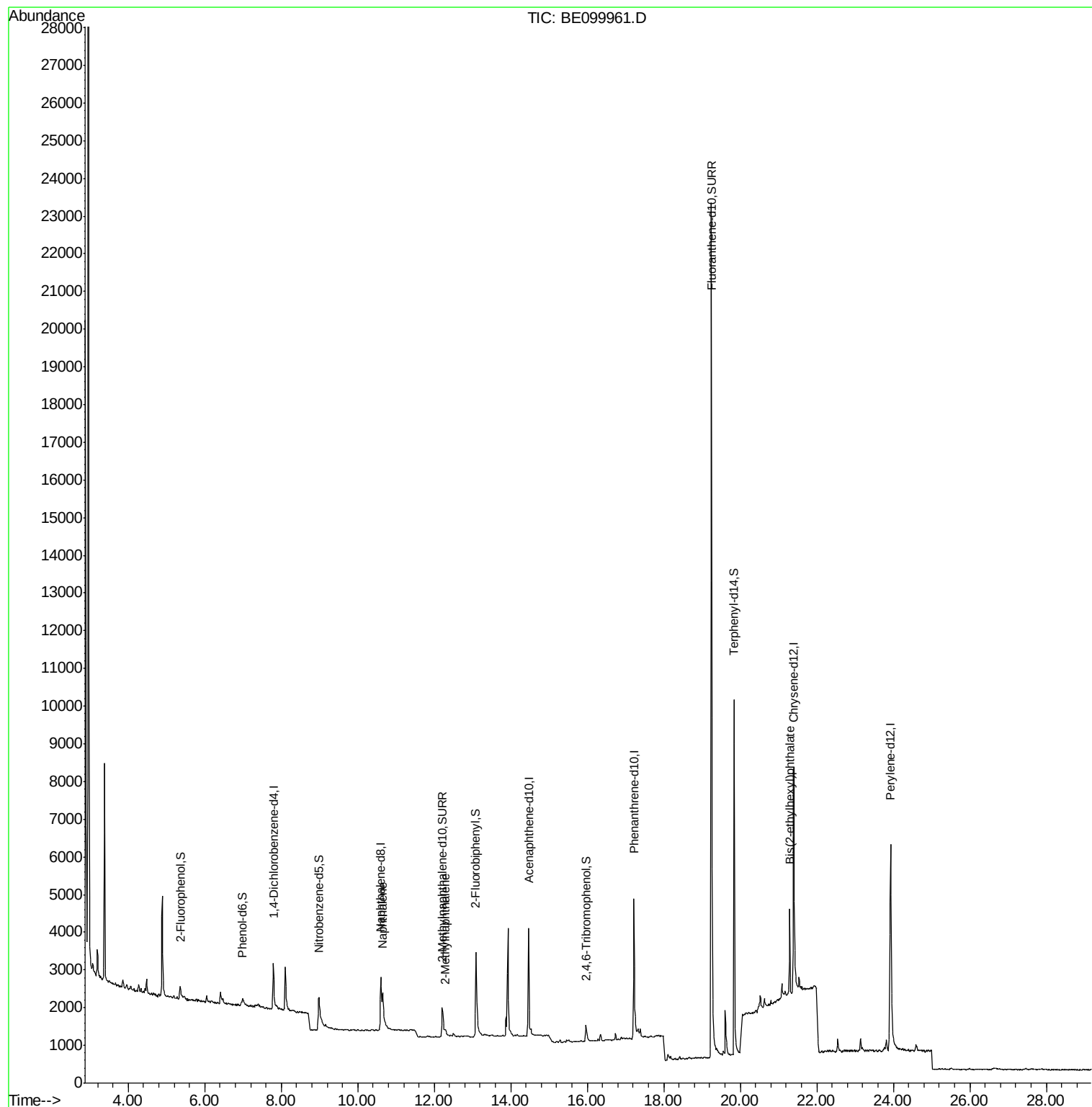
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	853	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3019	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2343	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6703	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9606	0.40	ng	0.00
34) Perylene-d12	23.93	264	10851	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	319	0.14	ng	0.00
5) Phenol-d6	6.97	99	258	0.09	ng	0.00
8) Nitrobenzene-d5	8.99	82	1030	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	1850	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	463	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3813	0.43	ng	-0.01
25) Fluoranthene-d10	19.25	212	36457	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	10099	0.58	ng	-0.01
Target Compounds						
9) Naphthalene	10.65	128	2217	0.068	ng	# 88
12) 2-Methylnaphthalene	12.28	142	156	0.029	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.29	149	2597	0.063	ng	99

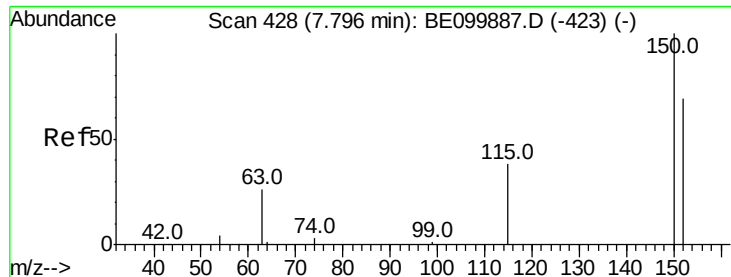
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE099961.D

Acq: 12 Jun 2019 18:01

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20190608

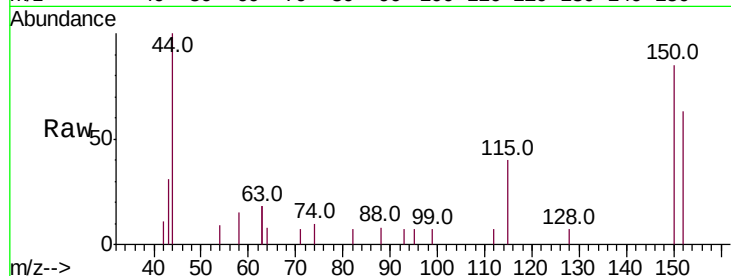
Tot Ion:152 Resp: 853

Ion Ratio Lower Upper

152 100

150 133.9 111.0 166.6

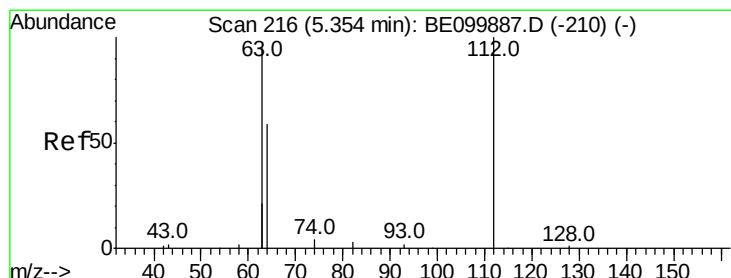
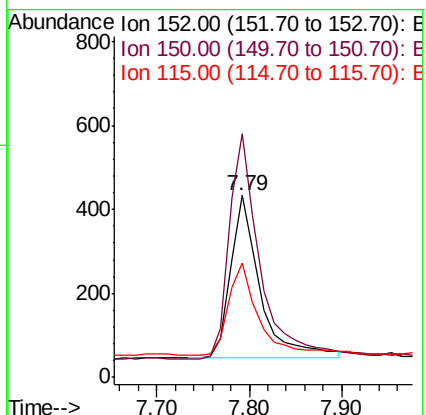
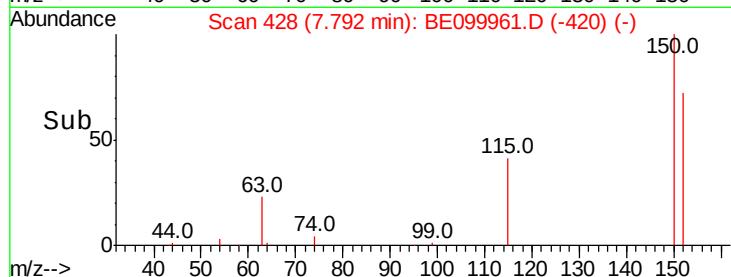
115 63.0 50.7 76.1



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: 0.139 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099961.D

Acq: 12 Jun 2019 18:01

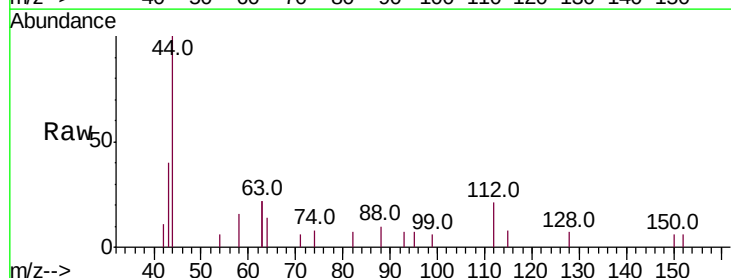
Tgt Ion:112 Resp: 319

Ion Ratio Lower Upper

112 100

64 55.5 44.1 66.1

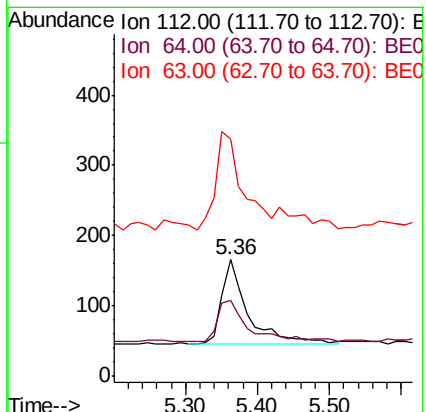
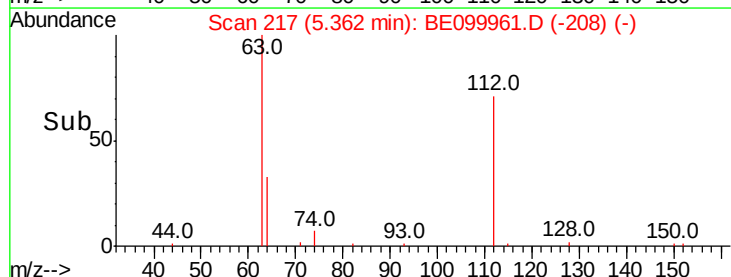
63 113.5 87.8 131.6

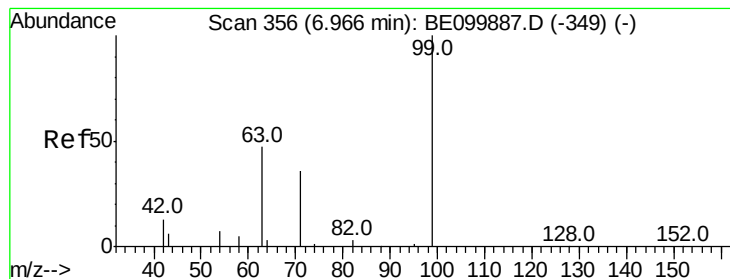


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.087 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099961.D

Acq: 12 Jun 2019 18:01

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20190608

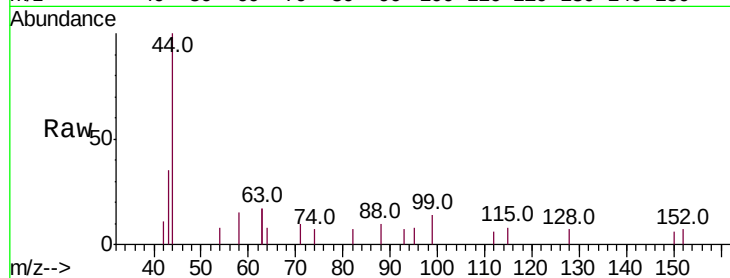
Tot Ion: 99 Resp: 258

Ion Ratio Lower Upper

99 100

42 9.3 15.9 23.9#

71 40.3 34.6 52.0



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

6.97

100

80

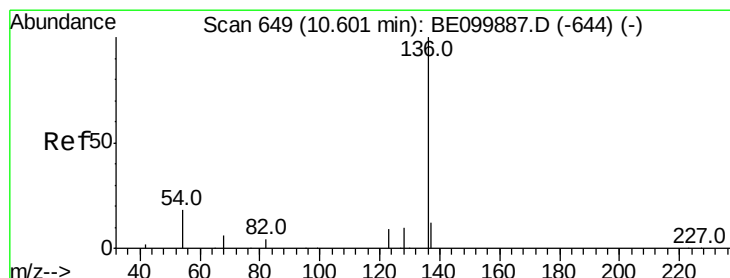
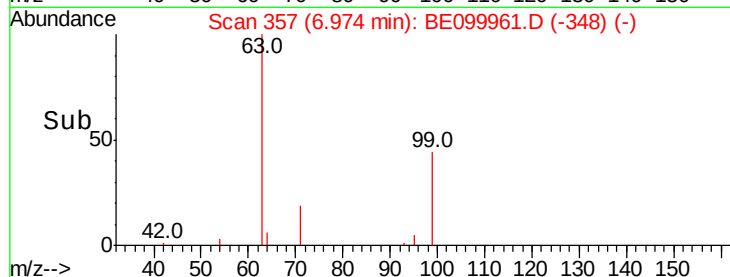
60

40

20

0

Time--> 6.80 6.90 7.00 7.10 7.20



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099961.D

Acq: 12 Jun 2019 18:01

Tgt Ion: 136 Resp: 3019

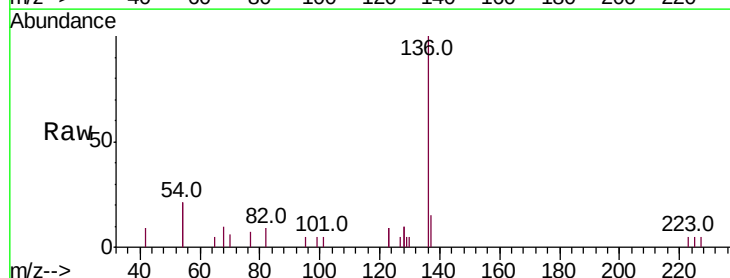
Ion Ratio Lower Upper

136 100

137 15.4 12.3 18.5

54 41.7 28.2 42.4

68 10.3 7.8 11.8



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

10.60

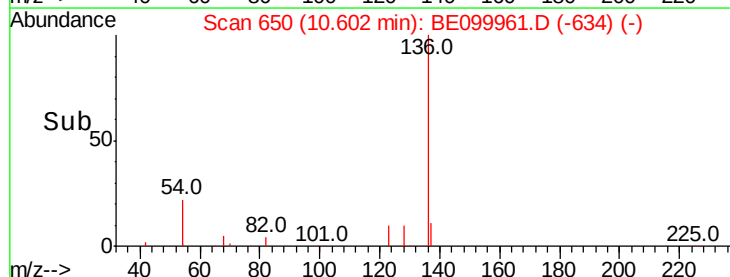
1500

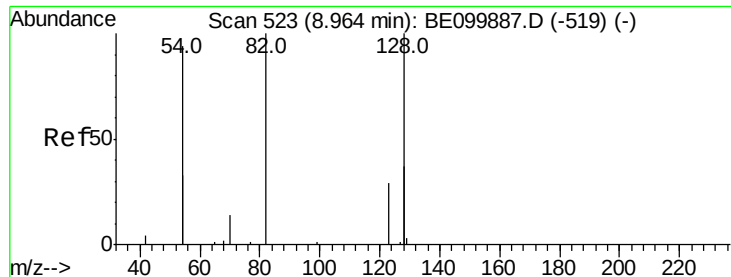
1000

500

0

Time--> 10.60 10.80





#8

Nitrobenzene-d5

Concen: 0.360 ng

RT: 8.99 min Scan# 526

Delta R.T. 0.03 min

Lab File: BE099961.D

Acq: 12 Jun 2019 18:01

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20190608

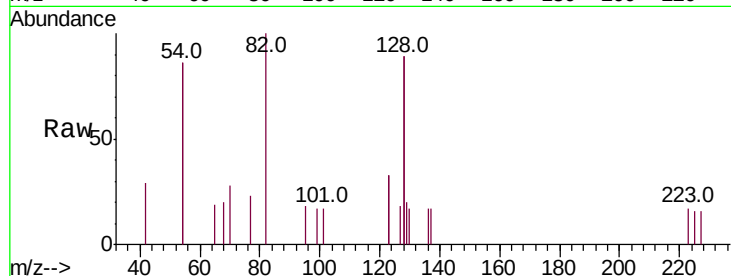
Tot Ion: 82 Resp: 1030

Ion Ratio Lower Upper

82 100

128 178.3 137.3 205.9

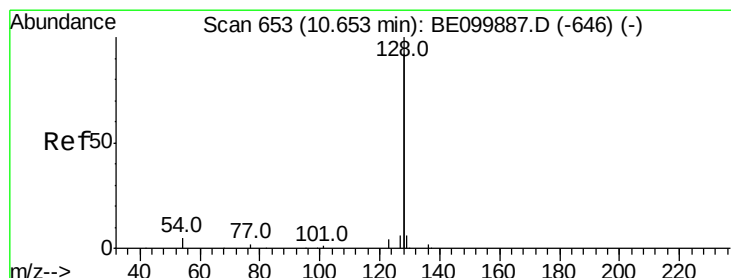
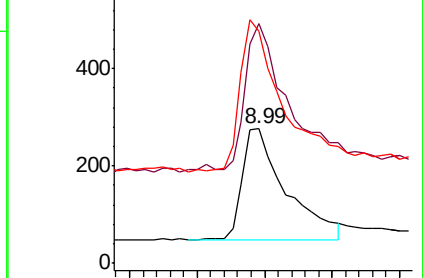
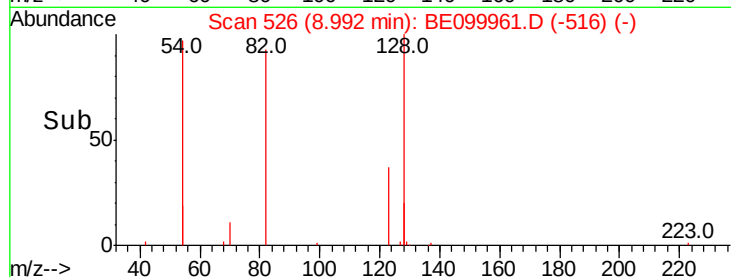
54 172.5 129.7 194.5



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



#9

Naphthalene

Concen: 0.068 ng

RT: 10.65 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099961.D

Acq: 12 Jun 2019 18:01

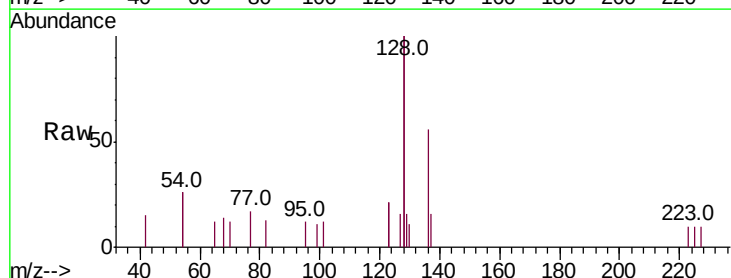
Tgt Ion: 128 Resp: 2217

Ion Ratio Lower Upper

128 100

129 7.8 3.0 4.6#

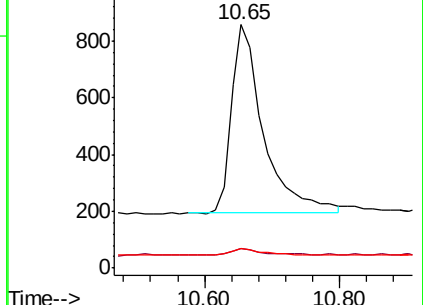
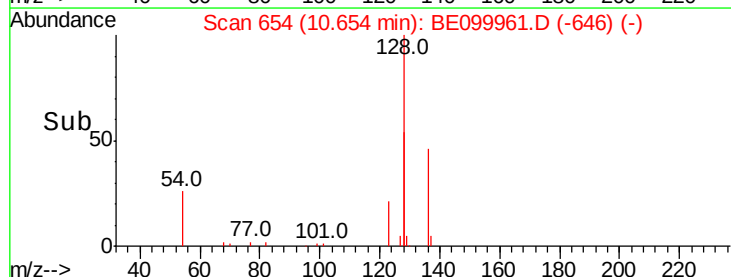
127 7.8 3.4 5.0#

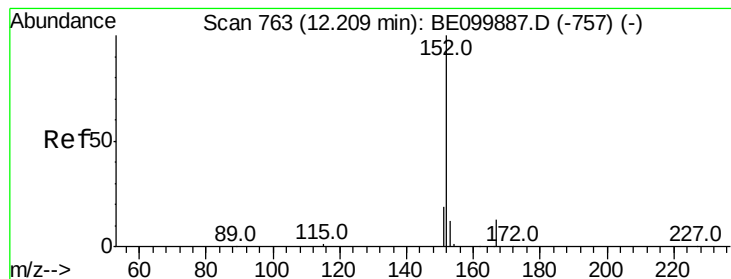


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 12.21 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099961.D

Acq: 12 Jun 2019 18:01

Instrument :

BNA_E

ClientSampleId :

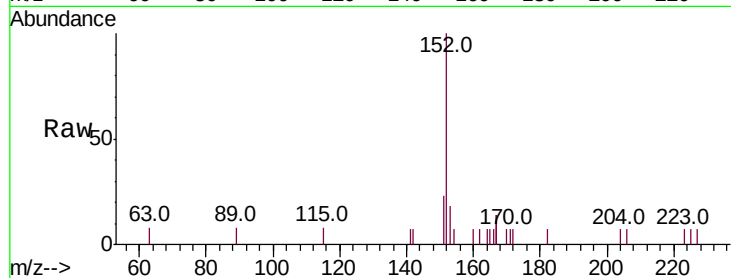
BP-FW-MW02-20190608

Tot Ion:152 Resp: 1850

Ion Ratio Lower Upper

152 100

151 19.2 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

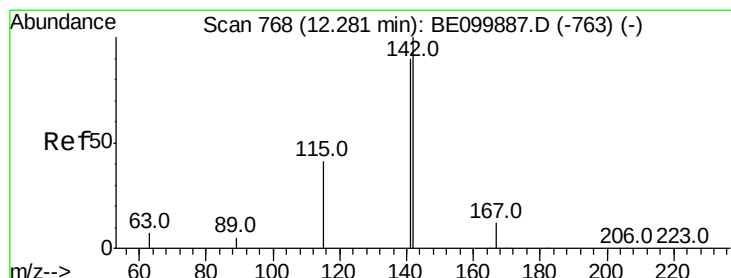
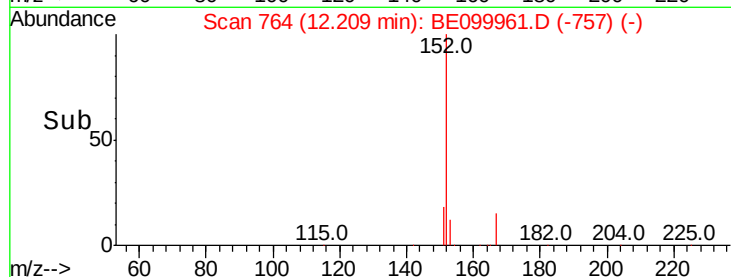
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.029 ng

RT: 12.28 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099961.D

Acq: 12 Jun 2019 18:01

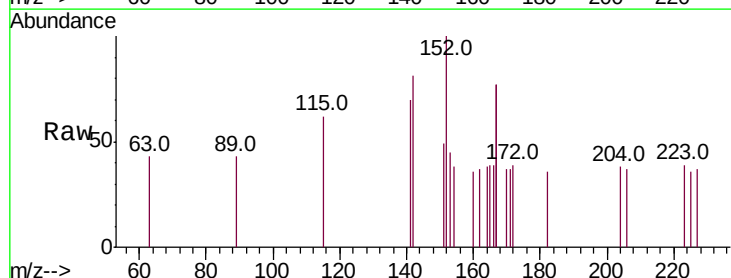
Tgt Ion:142 Resp: 156

Ion Ratio Lower Upper

142 100

141 86.5 72.3 108.5

115 76.0 36.4 54.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.28

120

100

80

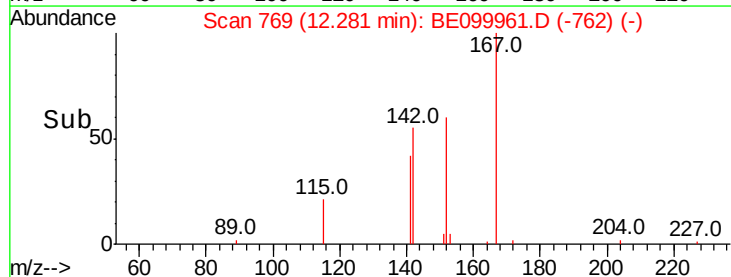
60

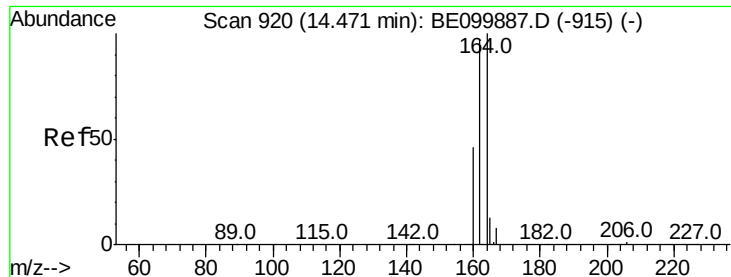
40

20

0

Time-->

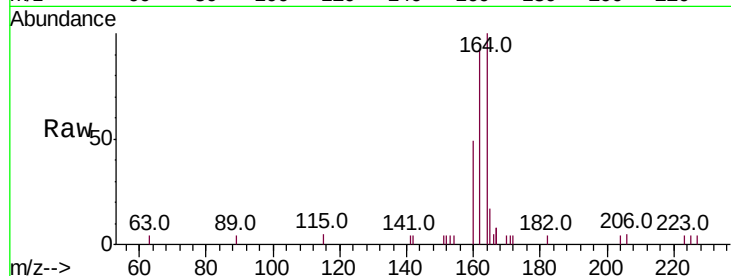




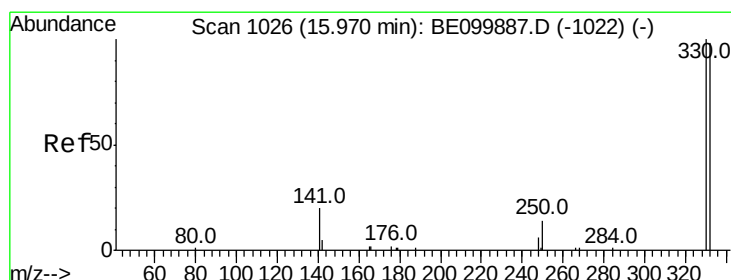
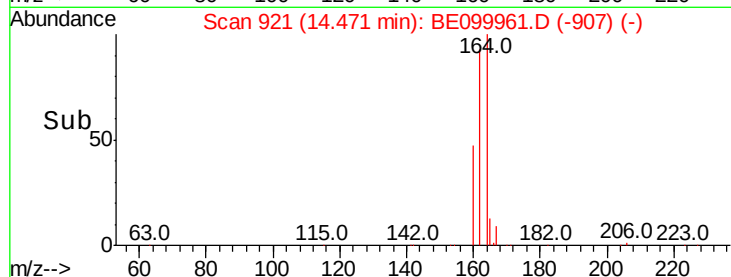
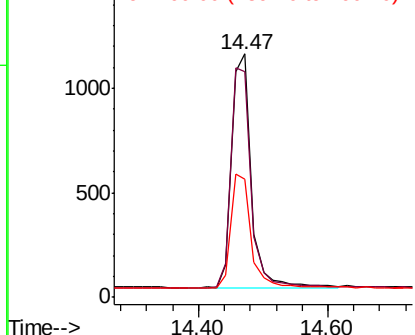
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE099961.D
 Acq: 12 Jun 2019 18:01

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW02-20190608

Tot Ion:164 Resp: 2343
 Ion Ratio Lower Upper
 164 100
 162 93.0 77.8 116.8
 160 48.5 38.2 57.4

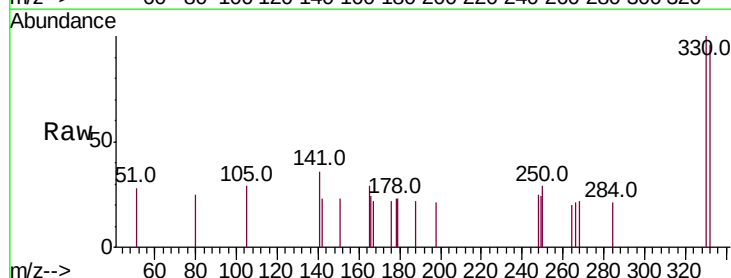


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

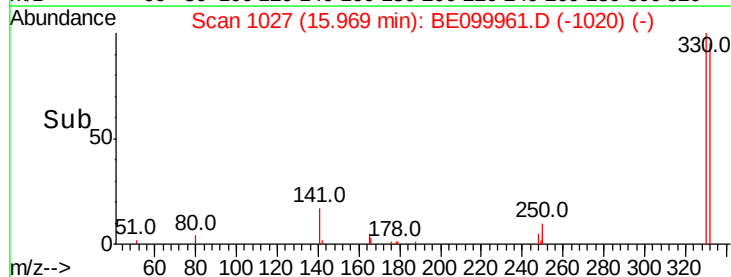
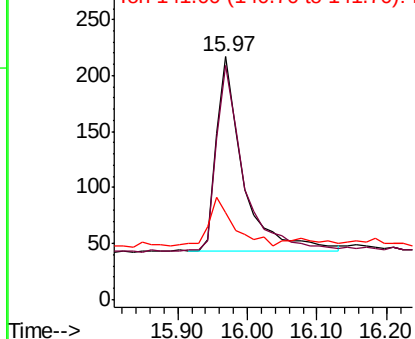


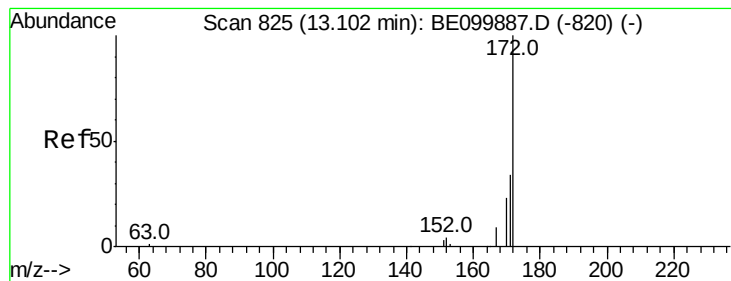
#14
 2,4,6-Tribromophenol
 Concen: 0.267 ng
 RT: 15.97 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE099961.D
 Acq: 12 Jun 2019 18:01

Tgt Ion:330 Resp: 463
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.7 115.1
 141 22.9 21.0 31.6



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

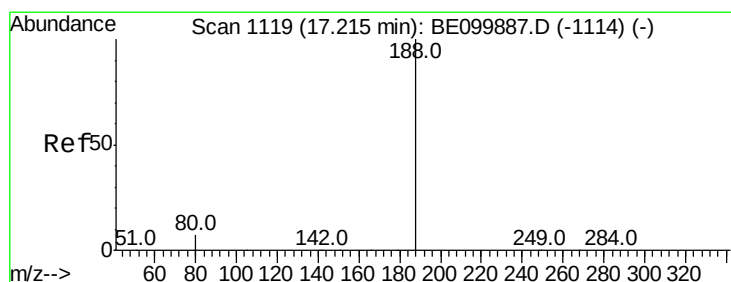
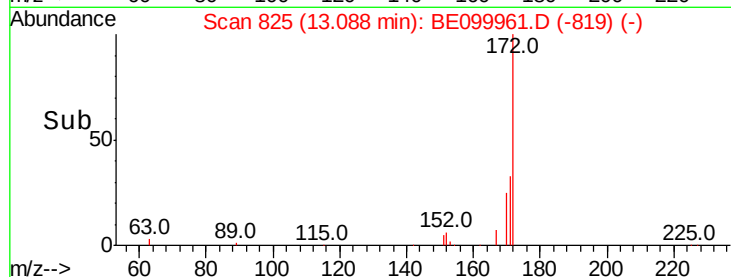
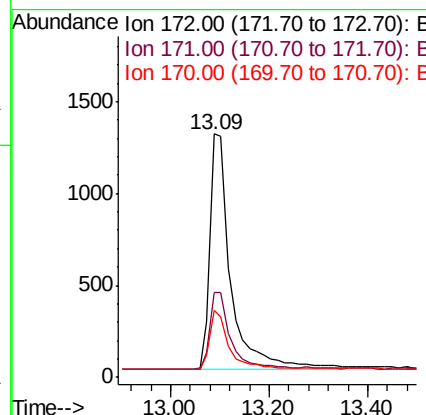
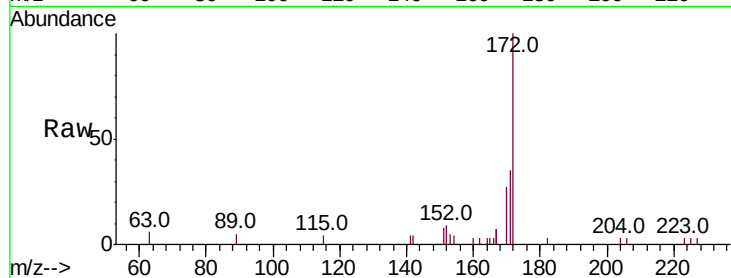




#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 13.09 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099961.D
Acq: 12 Jun 2019 18:01

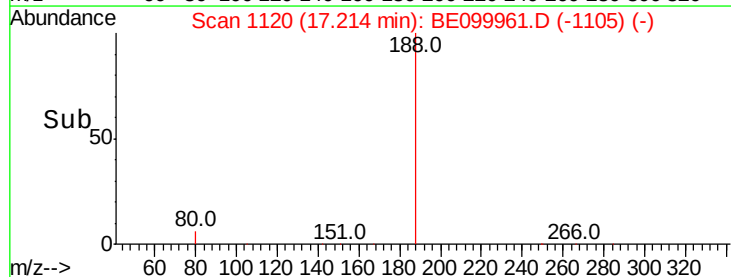
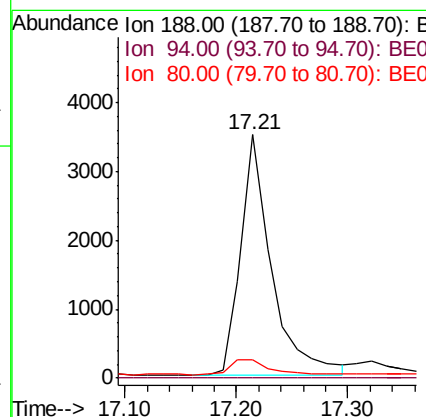
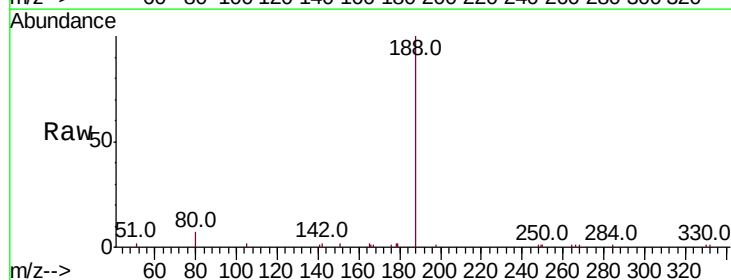
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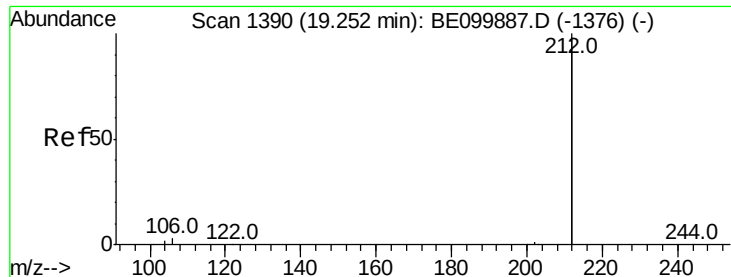
Tot Ion:172 Resp: 3813
Ion Ratio Lower Upper
172 100
171 35.0 29.2 43.8
170 27.4 21.2 31.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099961.D
Acq: 12 Jun 2019 18:01

Tgt Ion:188 Resp: 6703
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 6.4 9.6





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE099961.D

Acq: 12 Jun 2019 18:01

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20190608

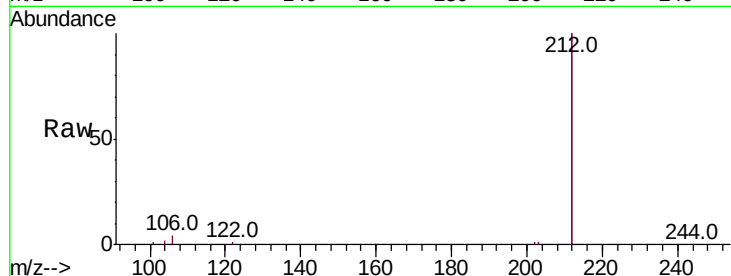
Tot Ion:212 Resp: 36457

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

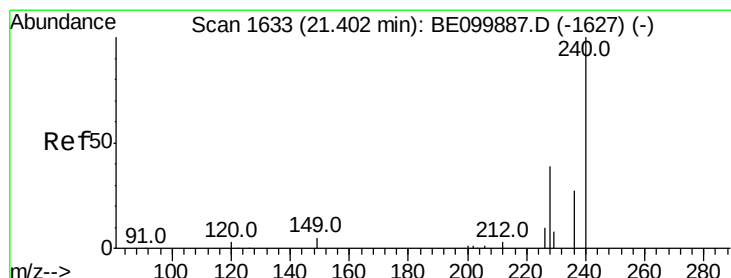
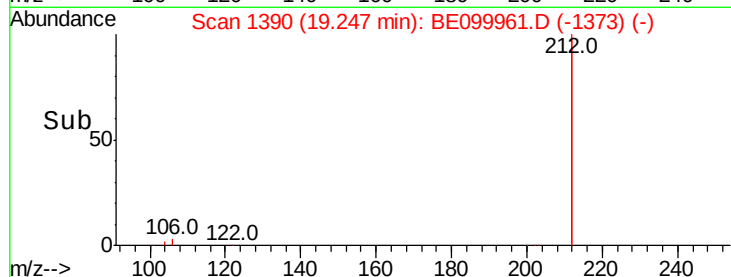
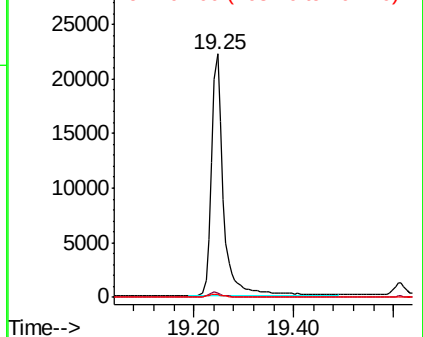
104 1.1 0.9 1.3



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: 21.40 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099961.D

Acq: 12 Jun 2019 18:01

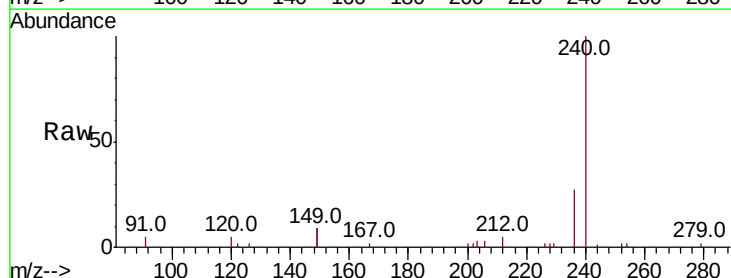
Tgt Ion:240 Resp: 9606

Ion Ratio Lower Upper

240 100

120 5.2 3.8 5.6

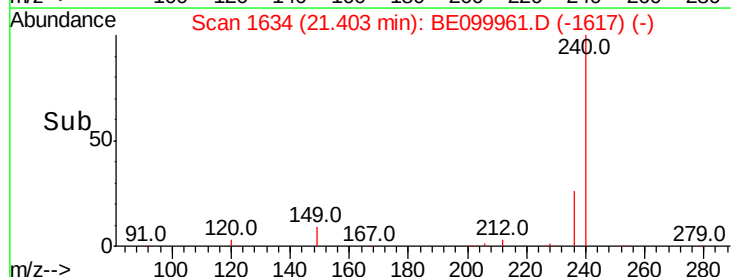
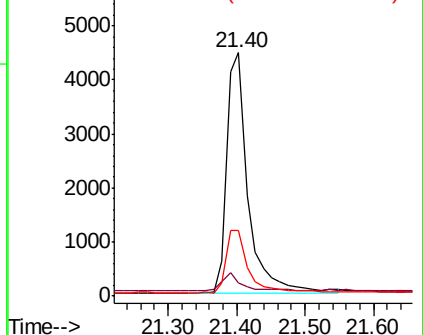
236 27.0 22.0 33.0

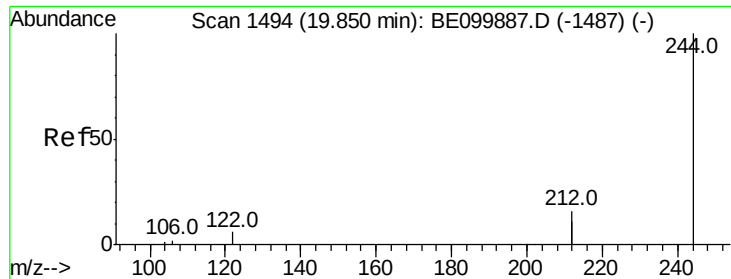


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.584 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099961.D

Acq: 12 Jun 2019 18:01

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20190608

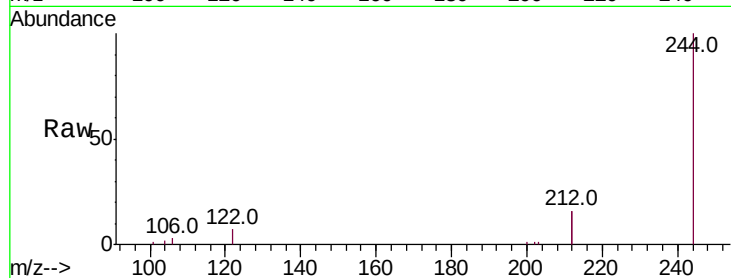
Tot Ion:244 Resp: 10099

Ion Ratio Lower Upper

244 100

212 32.3 25.7 38.5

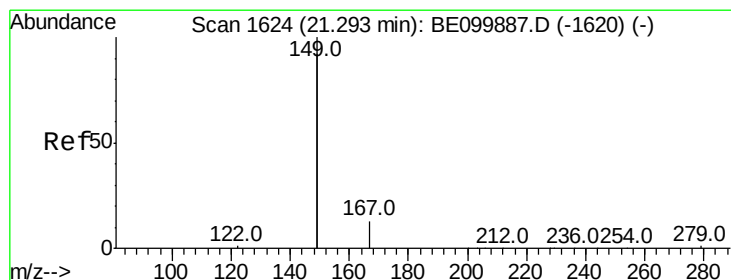
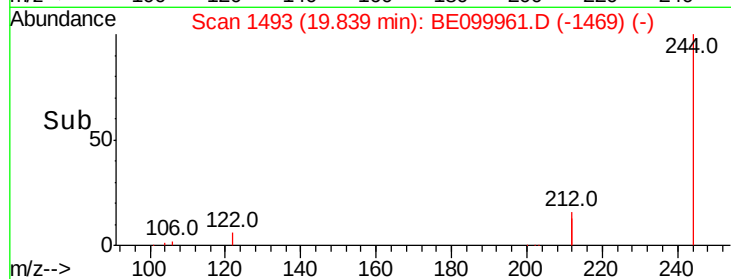
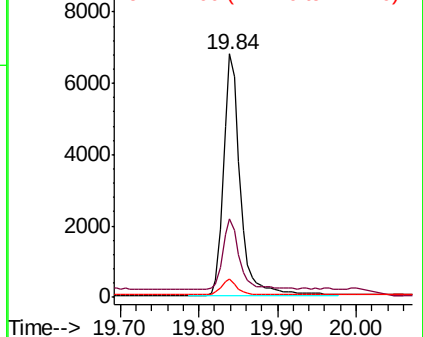
122 7.3 5.5 8.3



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: 0.063 ng

RT: 21.29 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE099961.D

Acq: 12 Jun 2019 18:01

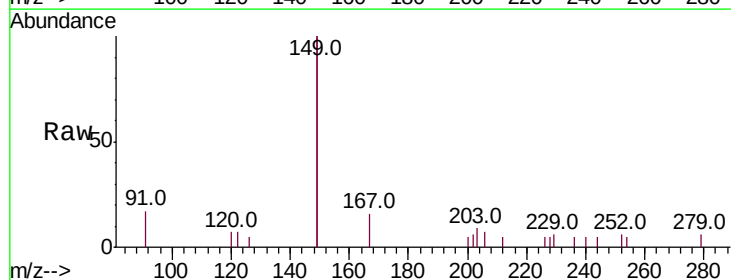
Tgt Ion:149 Resp: 2597

Ion Ratio Lower Upper

149 100

167 7.9 5.9 8.9

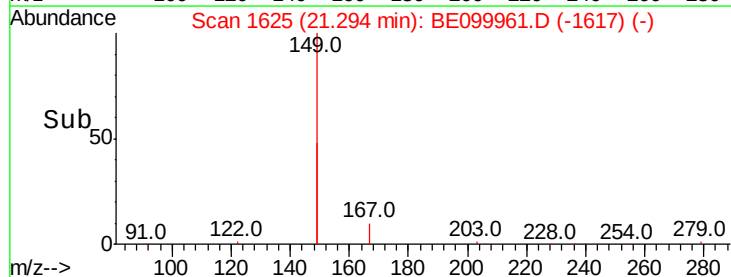
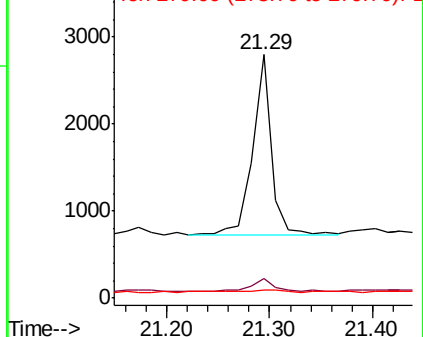
279 1.8 1.2 1.8

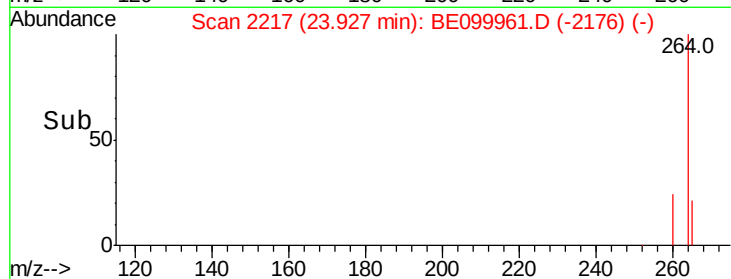
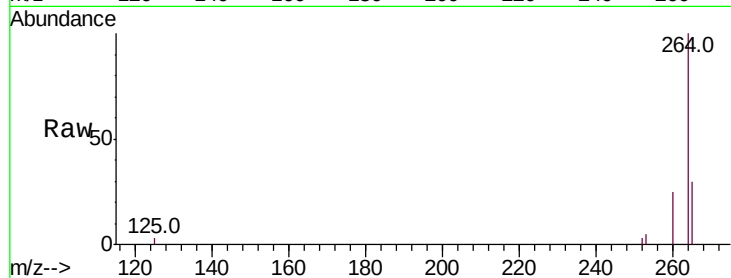
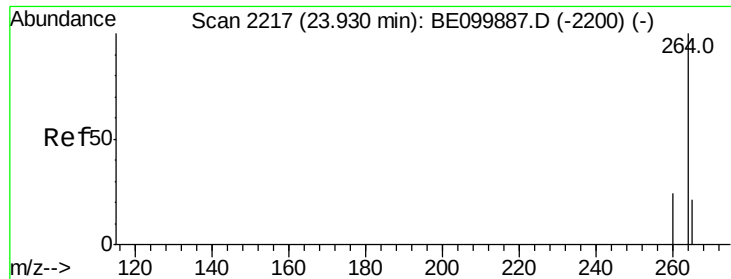


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.93 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BE099961.D

Acq: 12 Jun 2019 18:01

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW02-20190608

Tot Ion:264 Resp: 10851

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

265 30.0 22.0 33.0

