

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099869.D
 Acq On : 8 Jun 2019 1:06
 Operator : JU/SJ
 Sample : K3249-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24S-20190606

Quant Time: Jun 08 05:05:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 15:25:21 2019
 Response via : Initial Calibration

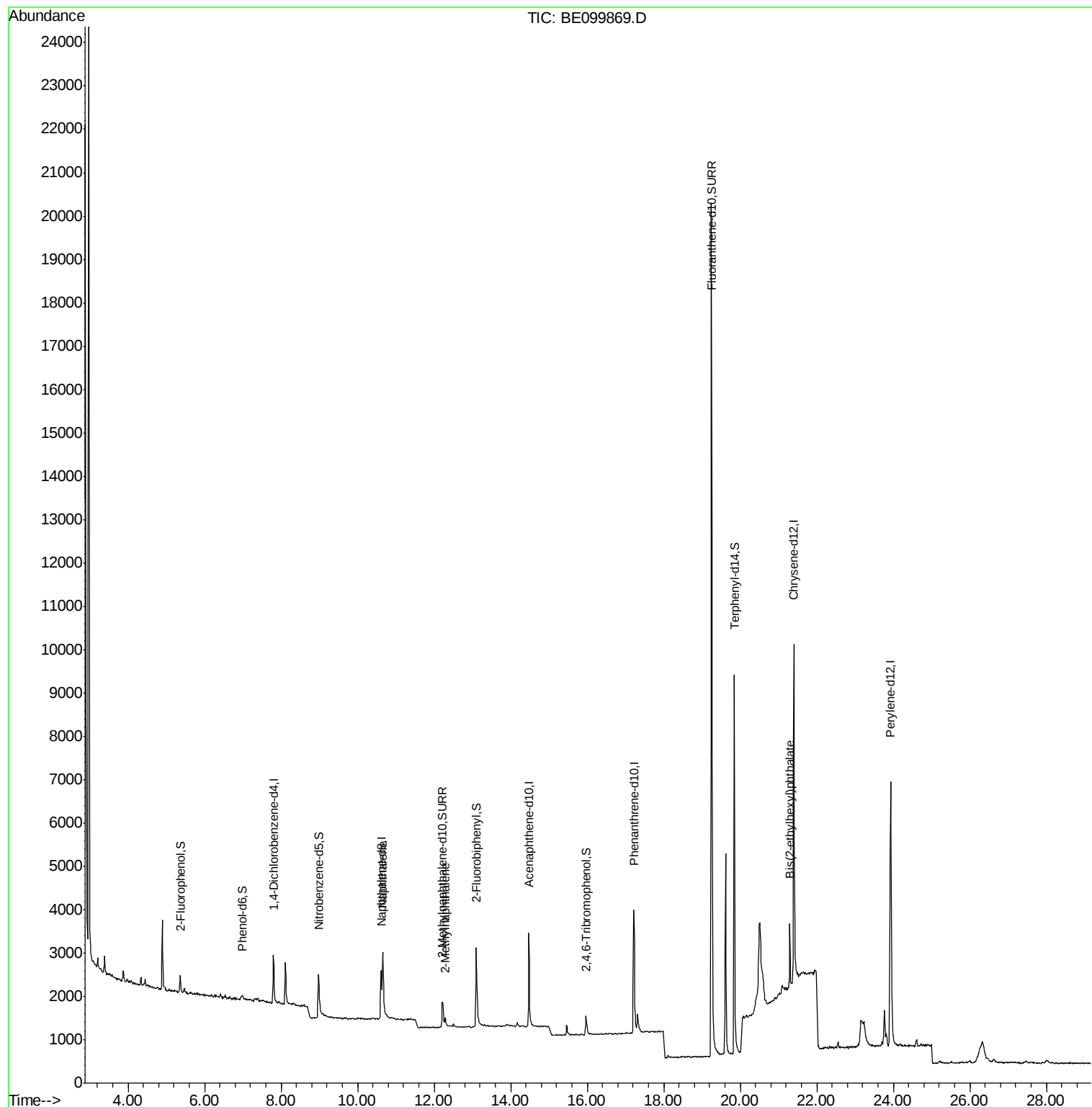
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	659	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2212	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1643	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5352	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9921	0.40	ng	-0.01
34) Perylene-d12	23.93	264	10764	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	252	0.11	ng	0.00
5) Phenol-d6	6.98	99	218	0.08	ng	0.01
8) Nitrobenzene-d5	8.98	82	847	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1365	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	397	0.24	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2677	0.45	ng	0.00
25) Fluoranthene-d10	19.25	212	31546	0.38	ng	-0.01
29) Terphenyl-d14	19.85	244	9114	0.49	ng	-0.01
Target Compounds						
9) Naphthalene	10.65	128	3550	0.148	ng	# 93
12) 2-Methylnaphthalene	12.29	142	207	0.051	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.29	149	1948	0.038	ng	# 91

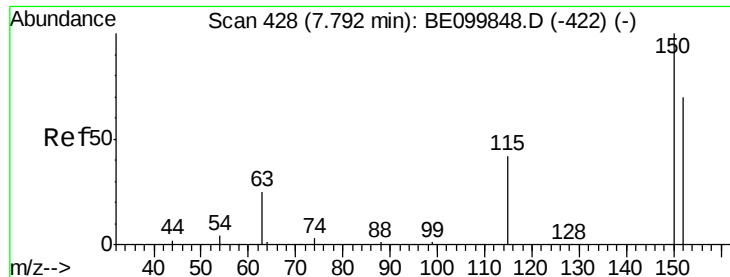
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BE099869.D
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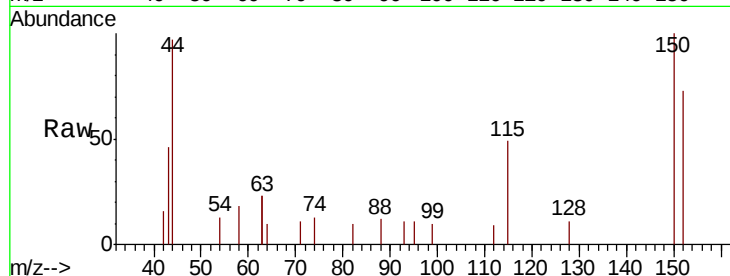


#1

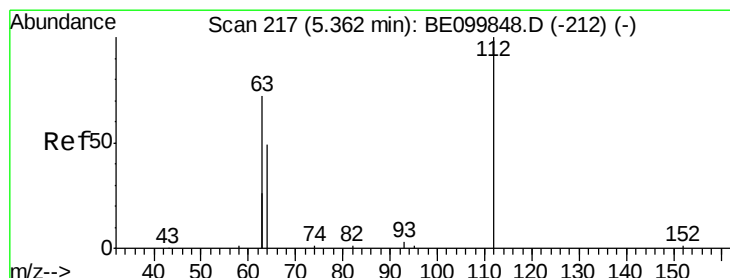
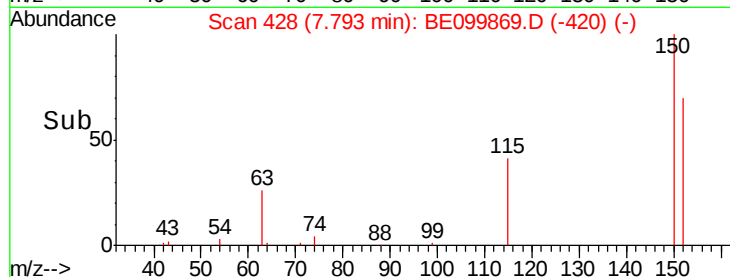
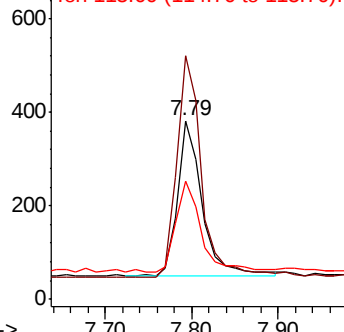
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099869.D
Acq: 8 Jun 2019 1:06

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW24S-20190606

Tot Ion:152 Resp: 659
Ion Ratio Lower Upper
152 100
150 136.4 112.8 169.2
115 66.2 47.6 71.4



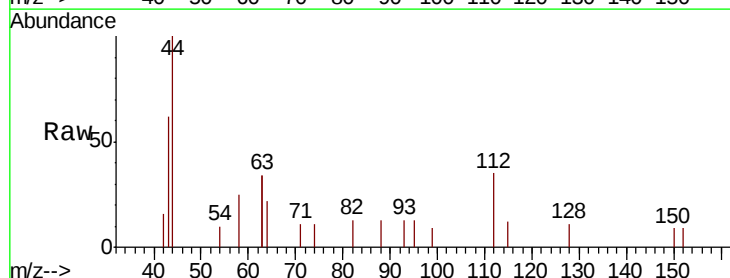
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



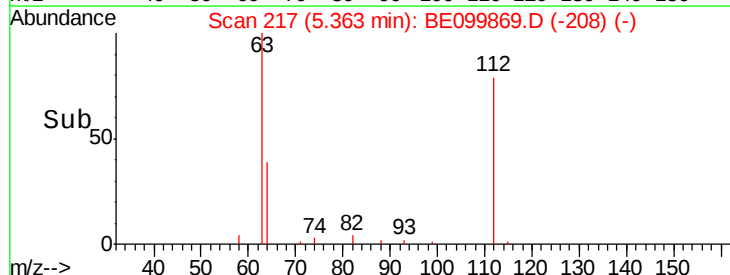
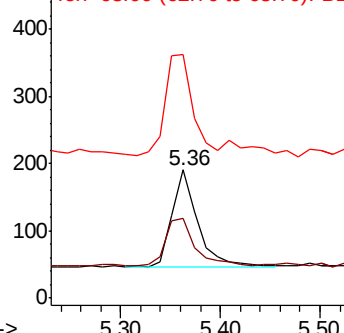
#4

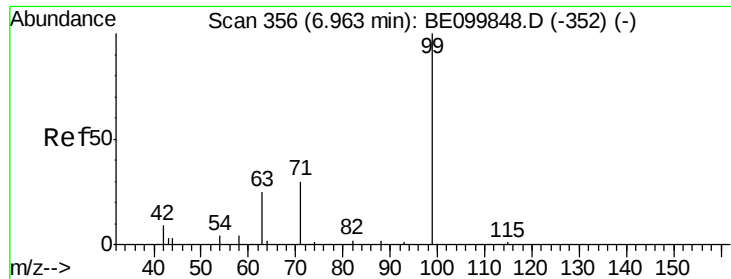
2-Fluorophenol
Concen: 0.114 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE099869.D
Acq: 8 Jun 2019 1:06

Tgt Ion:112 Resp: 252
Ion Ratio Lower Upper
112 100
64 56.7 47.2 70.8
63 113.5 90.7 136.1



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: 0.080 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099869.D

Acq: 8 Jun 2019 1:06

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24S-20190606

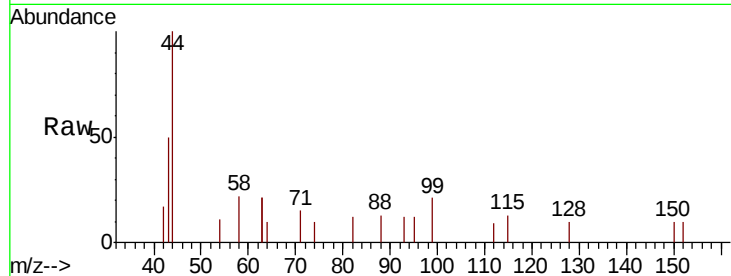
Tot Ion: 99 Resp: 218

Ion Ratio Lower Upper

99 100

42 18.3 11.0 16.4#

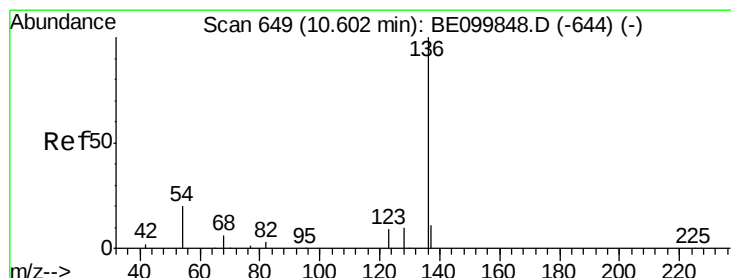
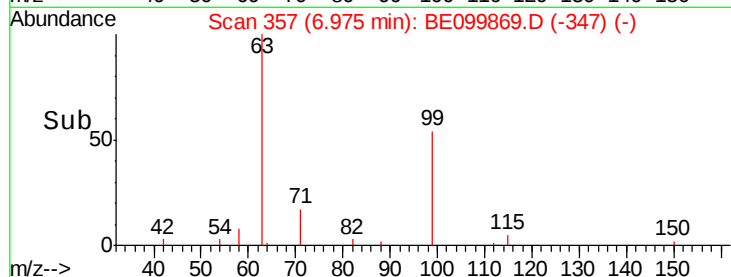
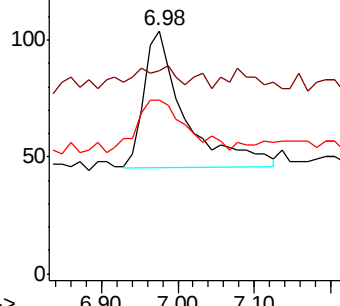
71 0.0 26.1 39.1#



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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099869.D

Acq: 8 Jun 2019 1:06

Tgt Ion: 136 Resp: 2212

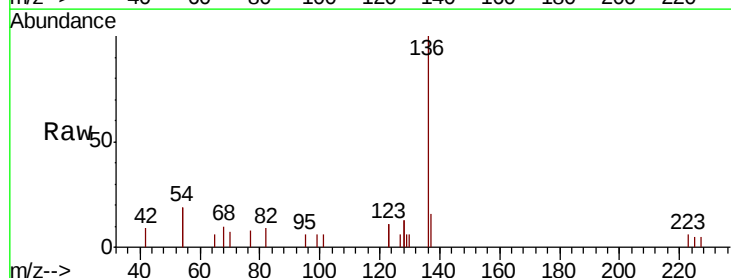
Ion Ratio Lower Upper

136 100

137 16.4 11.1 16.7

54 37.4 17.9 26.9#

68 10.4 5.4 8.0#

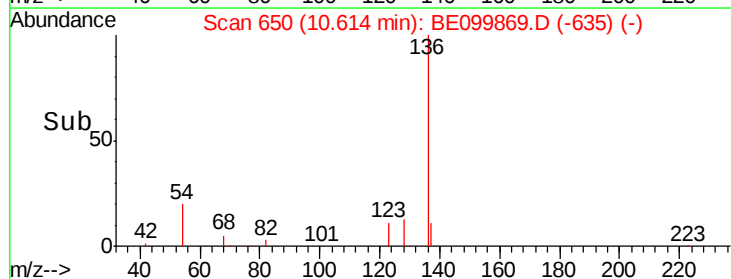
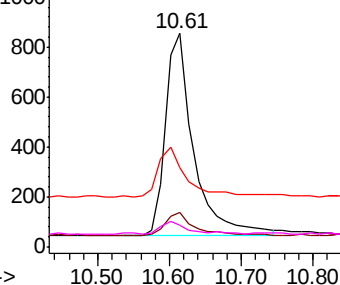


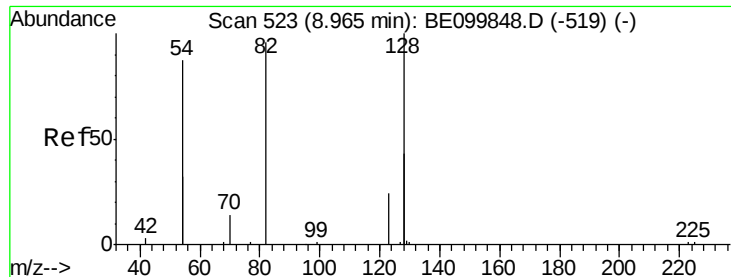
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099869.D

Acq: 8 Jun 2019 1:06

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24S-20190606

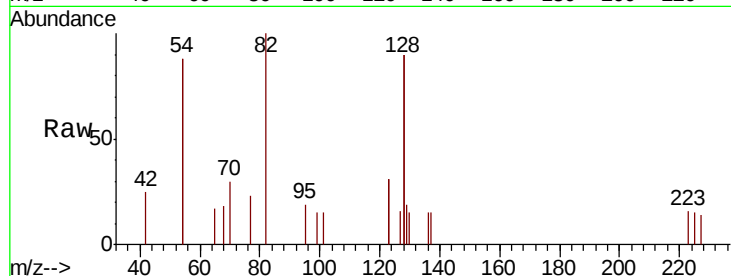
Tot Ion: 82 Resp: 847

Ion Ratio Lower Upper

82 100

128 180.6 116.6 175.0#

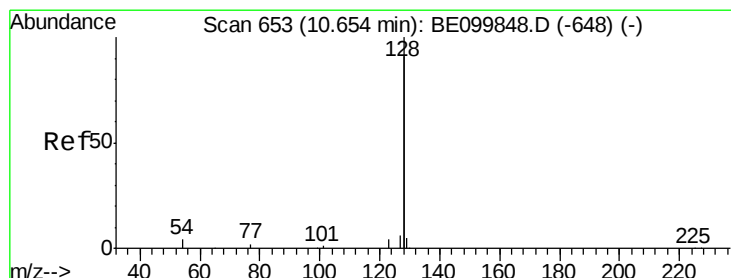
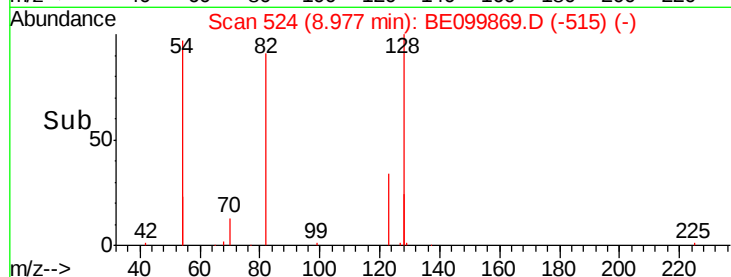
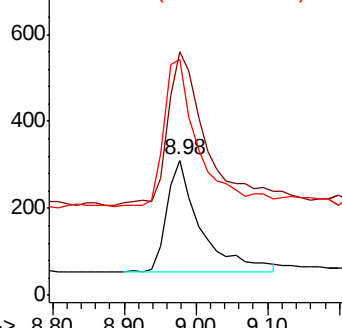
54 175.5 136.2 204.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.148 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099869.D

Acq: 8 Jun 2019 1:06

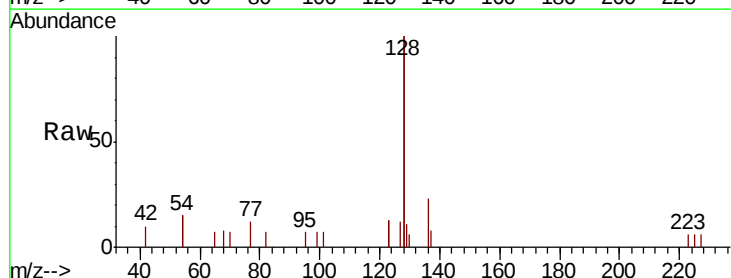
Tgt Ion: 128 Resp: 3550

Ion Ratio Lower Upper

128 100

129 5.7 2.6 4.0#

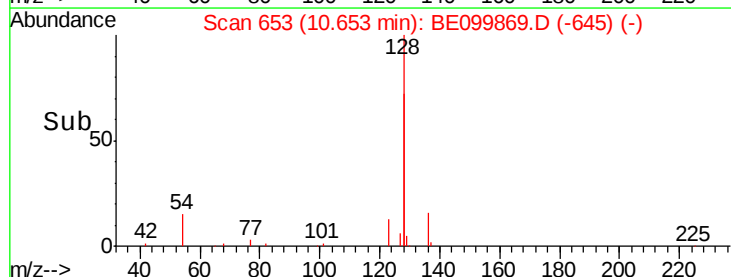
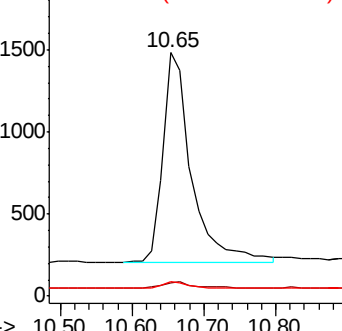
127 6.1 3.0 4.6#

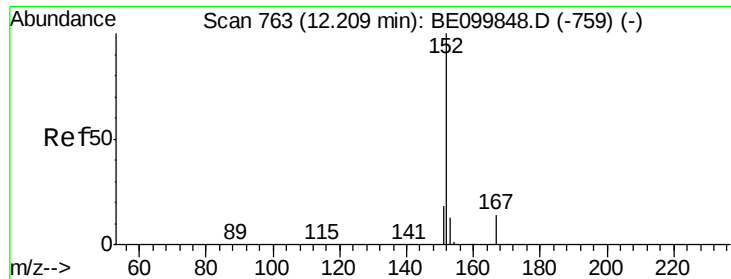


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

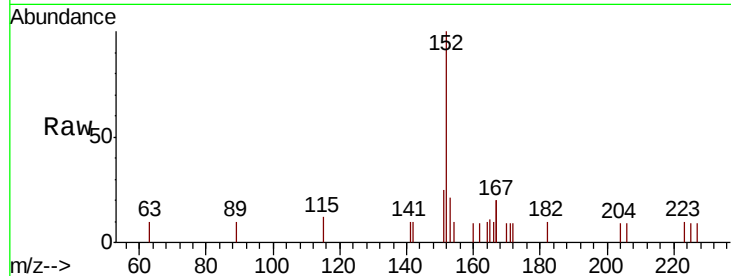




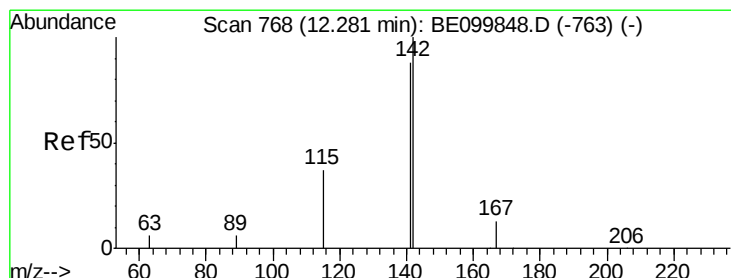
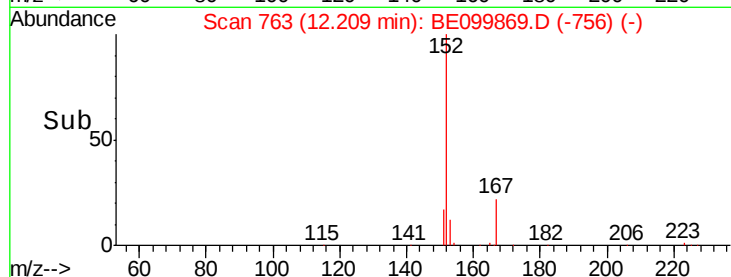
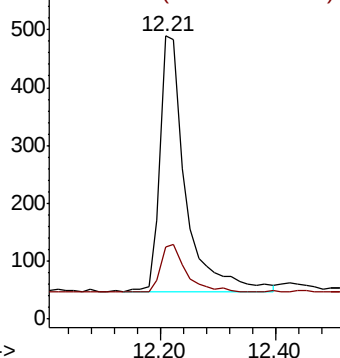
#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099869.D
Acq: 8 Jun 2019 1:06

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW24S-20190606

Tot Ion:152 Resp: 1365
Ion Ratio Lower Upper
152 100
151 19.0 15.8 23.8

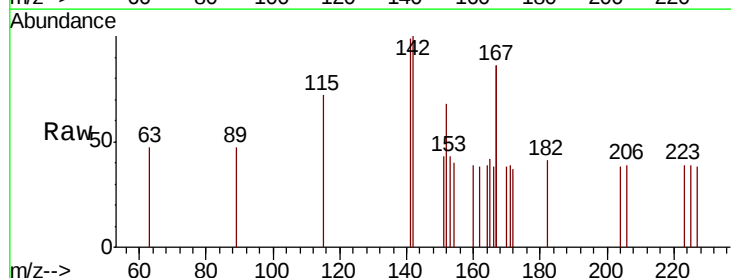


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

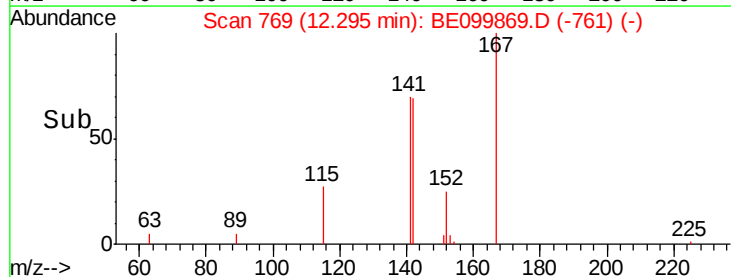
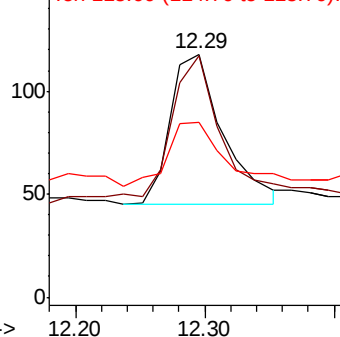


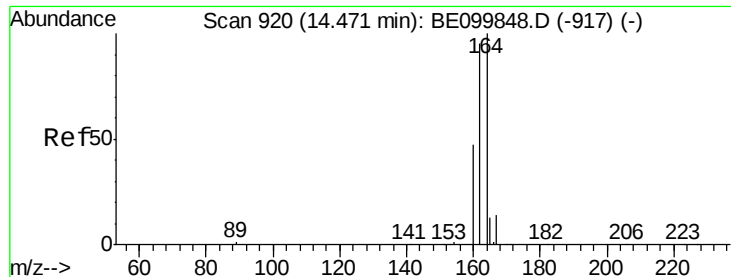
#12
2-Methylnaphthalene
Concen: 0.051 ng
RT: 12.29 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099869.D
Acq: 8 Jun 2019 1:06

Tgt Ion:142 Resp: 207
Ion Ratio Lower Upper
142 100
141 99.2 73.3 109.9
115 72.0 33.4 50.2#



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

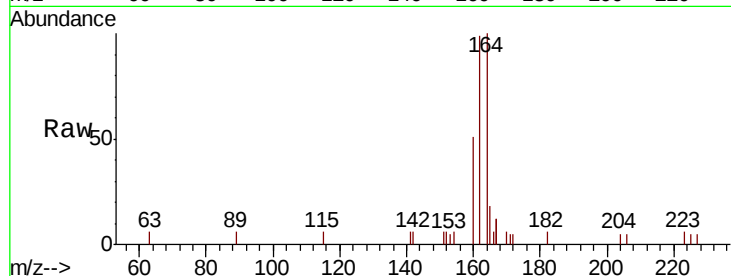




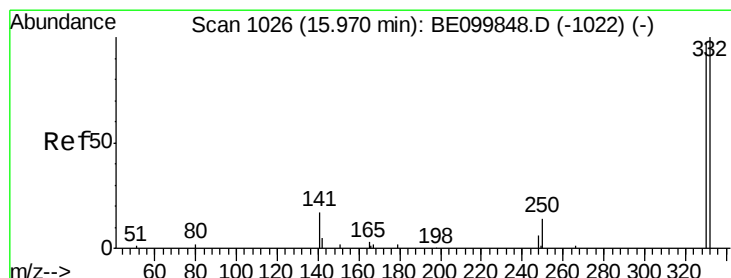
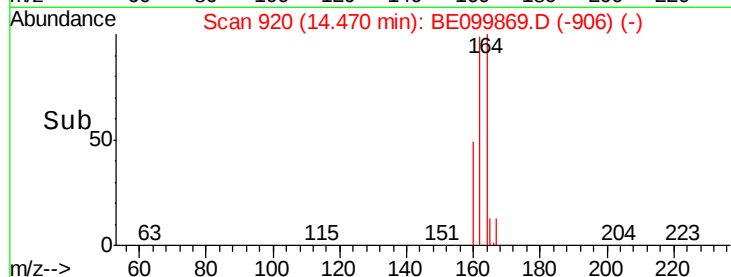
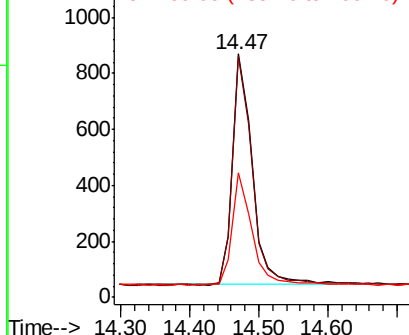
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099869.D
Acq: 8 Jun 2019 1:06

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW24S-20190606

Tot Ion:164 Resp: 1643
Ion Ratio Lower Upper
164 100
162 99.2 77.2 115.8
160 51.4 39.4 59.2

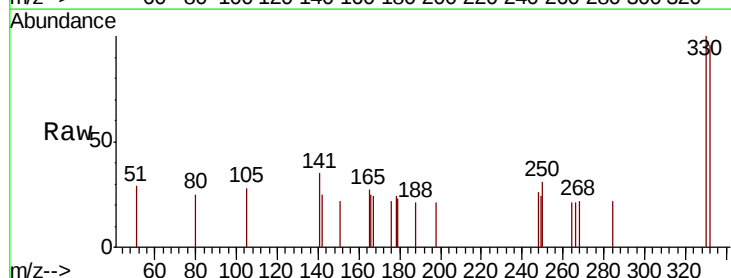


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

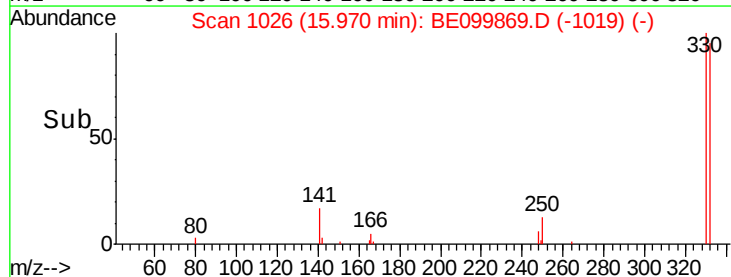
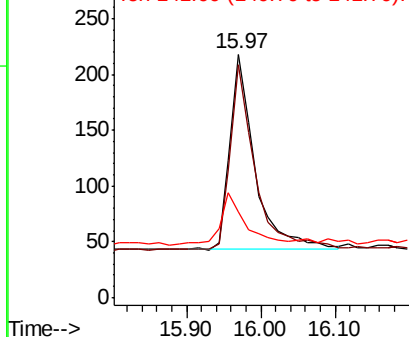


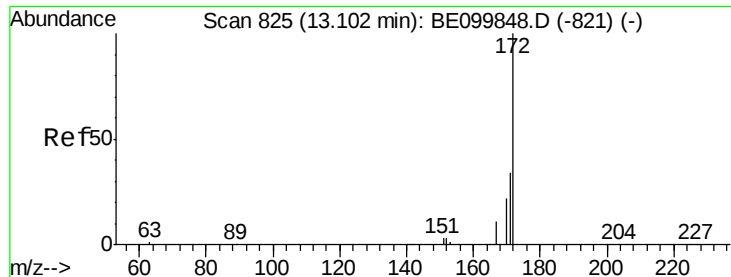
#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099869.D
Acq: 8 Jun 2019 1:06

Tgt Ion:330 Resp: 397
Ion Ratio Lower Upper
330 100
332 97.2 74.9 112.3
141 23.4 16.0 24.0



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

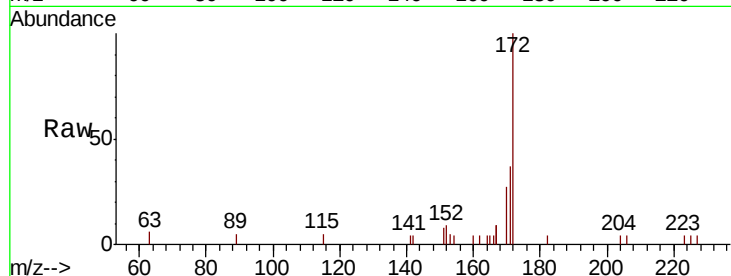




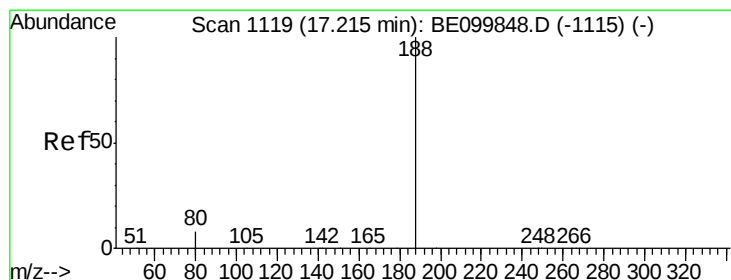
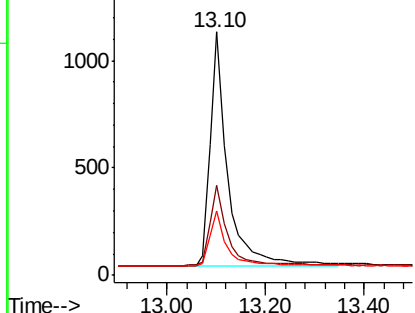
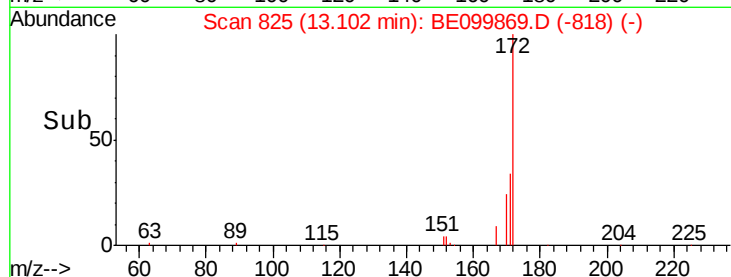
#15
2-Fluorobiphenyl
Concen: 0.451 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099869.D
Acq: 8 Jun 2019 1:06

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW24S-20190606

Tot Ion:172 Resp: 2677
Ion Ratio Lower Upper
172 100
171 36.9 30.2 45.4
170 26.7 20.1 30.1

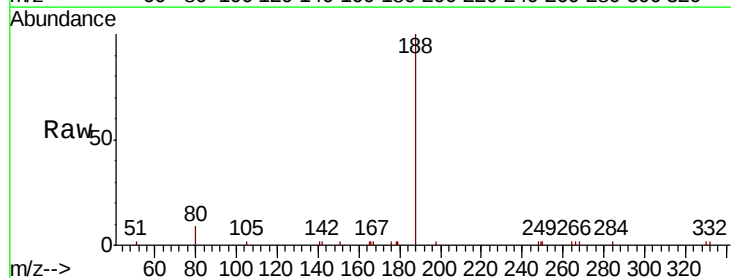


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

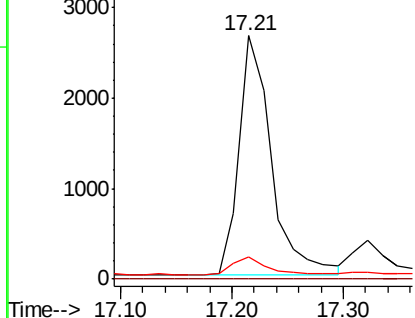
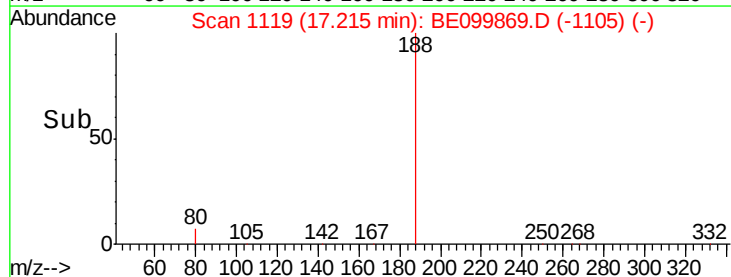


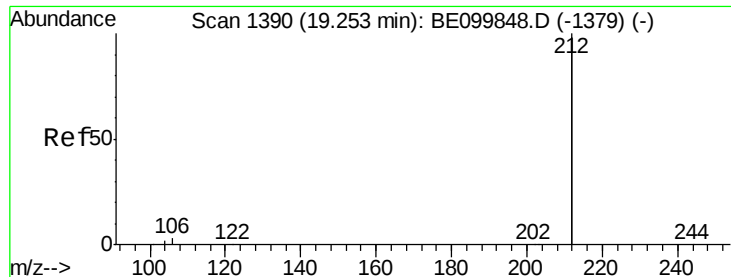
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099869.D
Acq: 8 Jun 2019 1:06

Tgt Ion:188 Resp: 5352
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 5.2 7.8#



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: 0.380 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099869.D

Acq: 8 Jun 2019 1:06

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24S-20190606

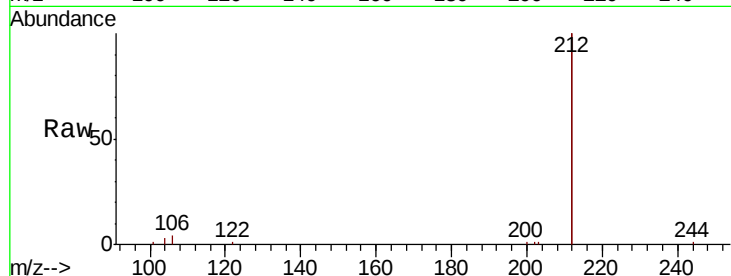
Tot Ion:212 Resp: 31546

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.0

104 1.0 0.8 1.2

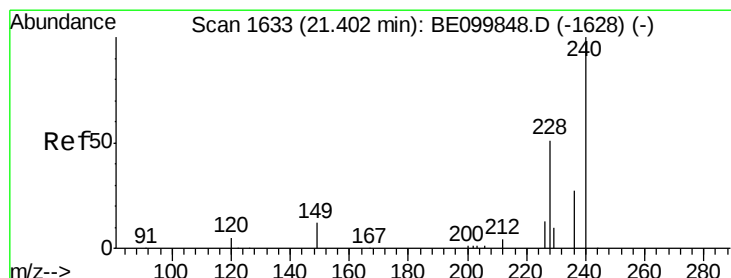
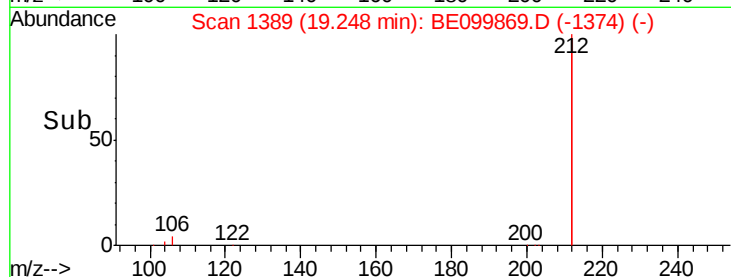
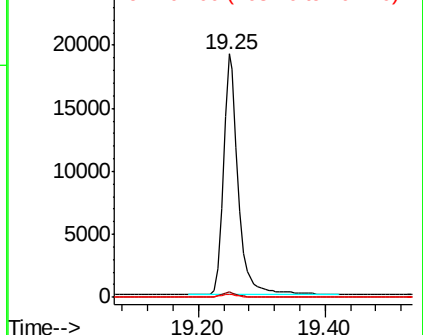


Abundance

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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099869.D

Acq: 8 Jun 2019 1:06

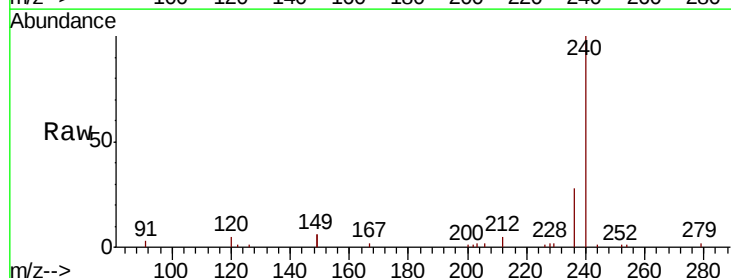
Tgt Ion:240 Resp: 9921

Ion Ratio Lower Upper

240 100

120 4.8 2.8 4.2#

236 27.8 20.9 31.3

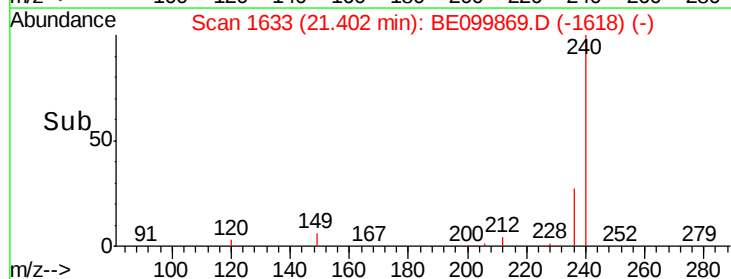
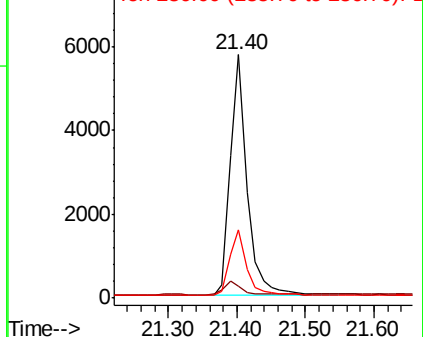


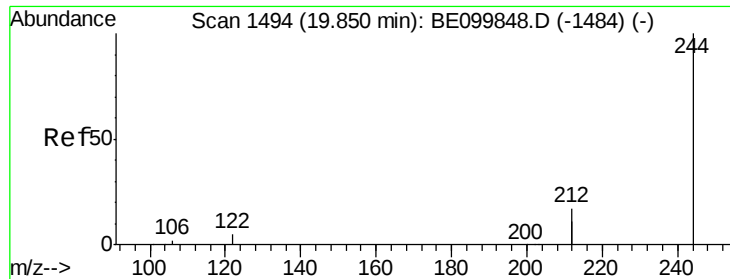
Abundance

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: 0.493 ng

RT: 19.85 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099869.D

Acq: 8 Jun 2019 1:06

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24S-20190606

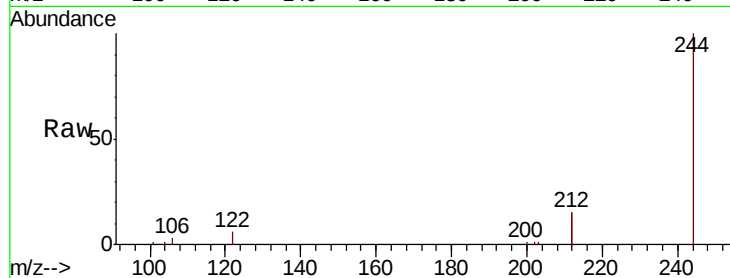
Tot Ion:244 Resp: 9114

Ion Ratio Lower Upper

244 100

212 30.9 23.7 35.5

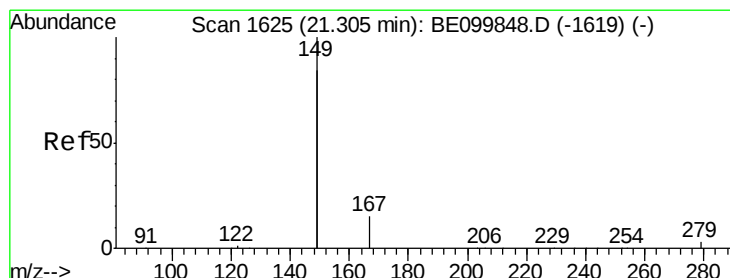
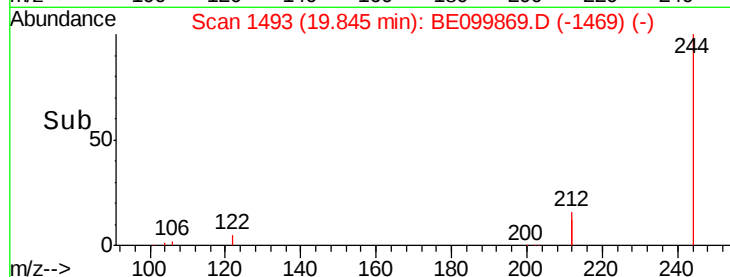
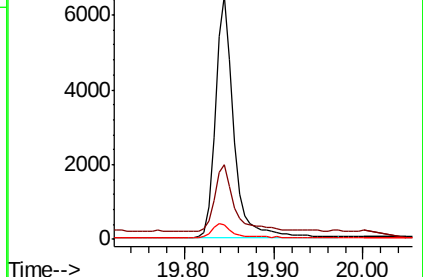
122 5.7 4.8 7.2



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: 0.038 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099869.D

Acq: 8 Jun 2019 1:06

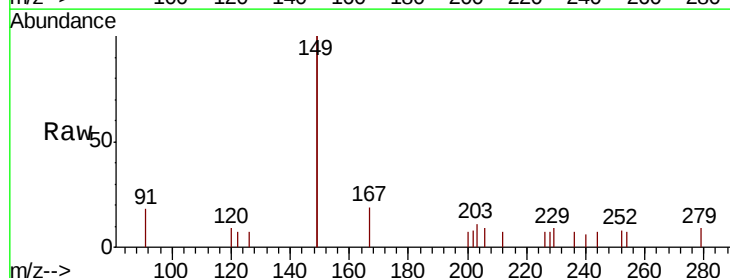
Tgt Ion:149 Resp: 1948

Ion Ratio Lower Upper

149 100

167 10.4 6.0 9.0#

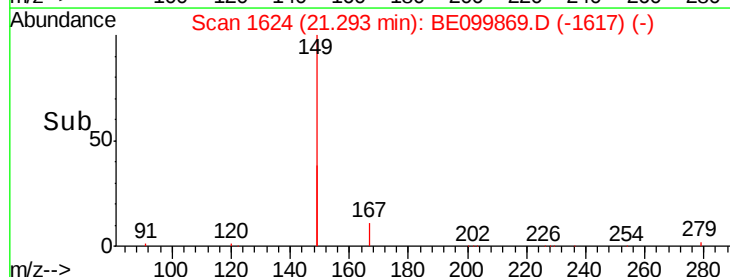
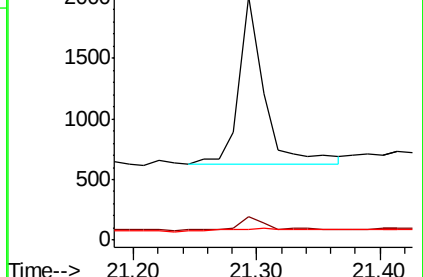
279 6.2 1.2 1.8#

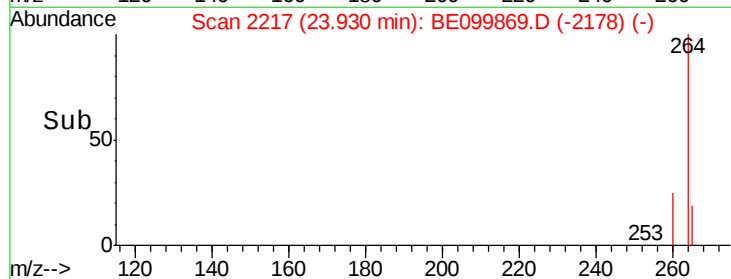
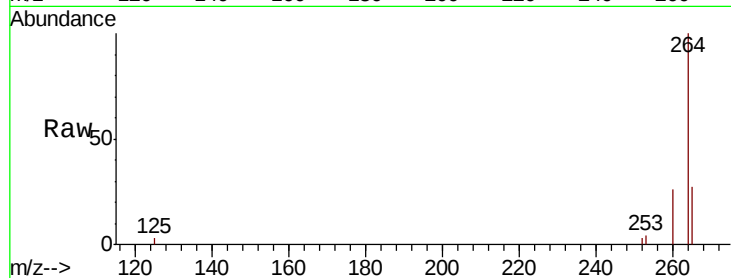
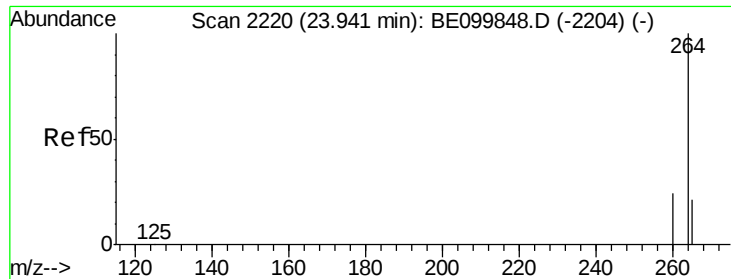


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.01 min

Lab File: BE099869.D

Acq: 8 Jun 2019 1:06

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24S-20190606

Tot Ion: 264 Resp: 10764

Ion Ratio Lower Upper

264 100

260 25.8 20.0 30.0

265 27.1 20.7 31.1

