

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE060719\
 Data File : BE099856.D
 Acq On : 7 Jun 2019 17:17
 Operator : JU/SJ
 Sample : K3190-02DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D-20190603DL

Quant Time: Jun 08 04:40:35 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

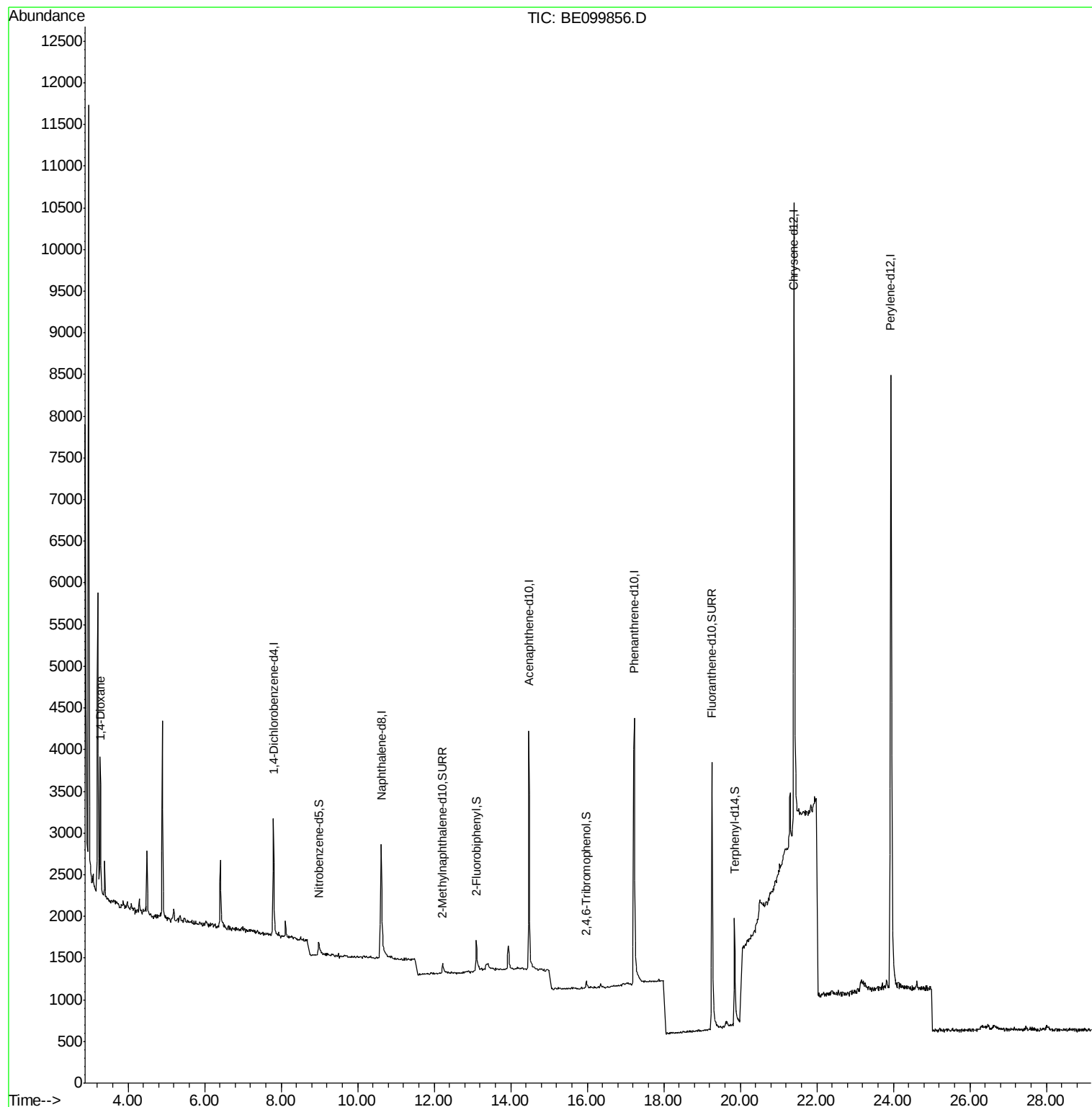
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	803	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2744	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2186	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7068	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10806	0.40	ng	-0.01
34) Perylene-d12	23.94	264	13210	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	50	0.02	ng	0.00
5) Phenol-d6	6.97	99	53	0.02	ng	0.00
8) Nitrobenzene-d5	8.98	82	173	0.06	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	267	0.05	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	91	0.04	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	581	0.07	ng	0.00
25) Fluoranthene-d10	19.26	212	6295	0.06	ng	0.00
29) Terphenyl-d14	19.85	244	1749	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	1336	1.229	ng	Qvalue # 96

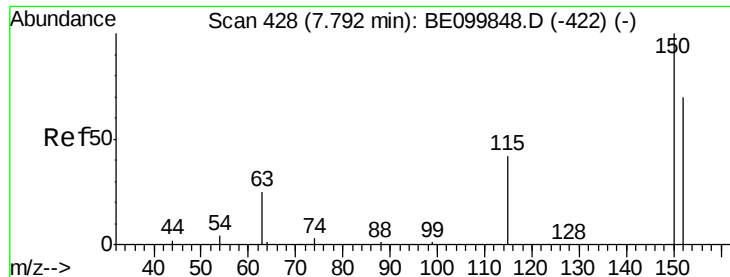
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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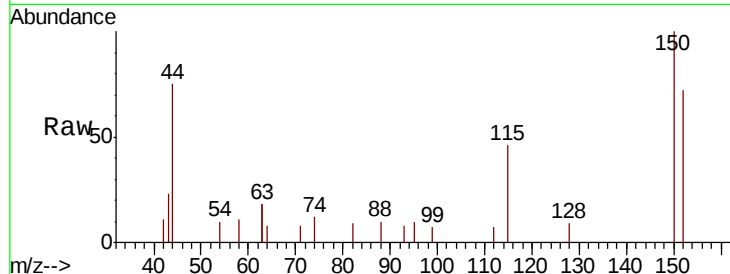


#1

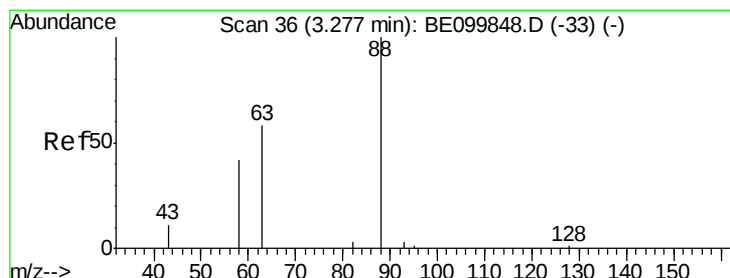
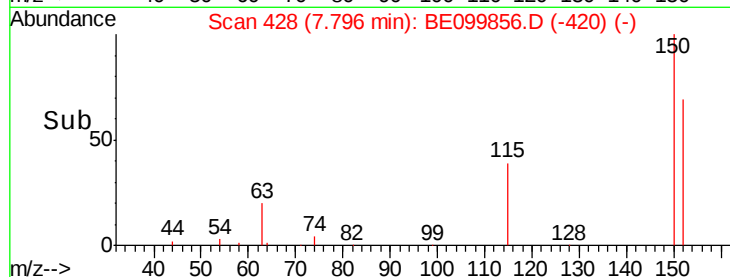
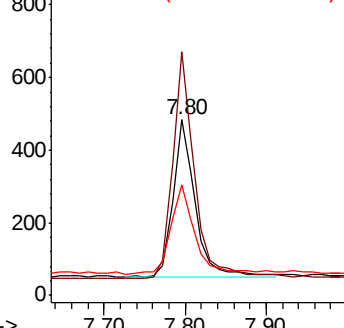
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099856.D
Acq: 7 Jun 2019 17:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-MW201D-20190603DL

Tgt Ion: 152 Resp: 803
Ion Ratio Lower Upper
152 100
150 138.6 112.8 169.2
115 63.2 47.6 71.4



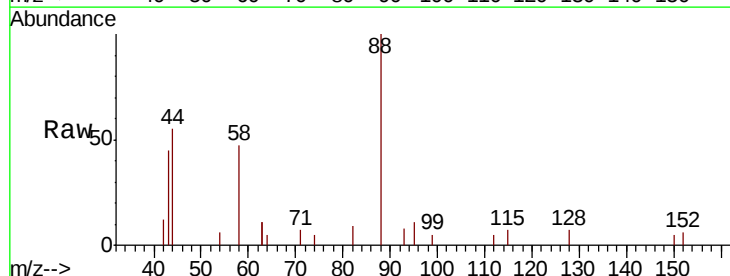
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



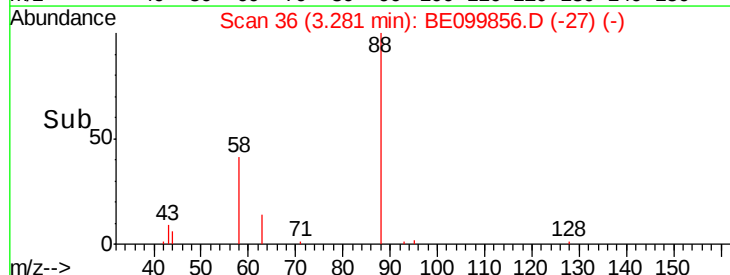
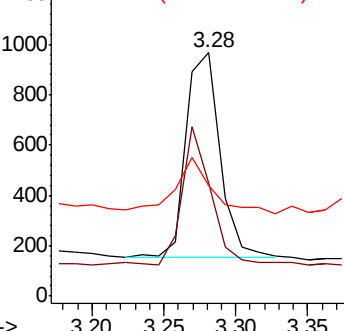
#2

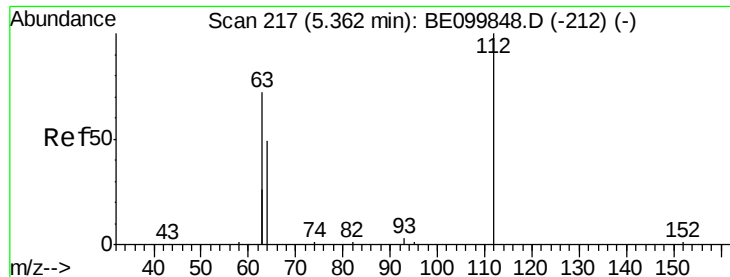
1,4-Dioxane
Concen: 1.229 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099856.D
Acq: 7 Jun 2019 17:17

Tgt Ion: 88 Resp: 1336
Ion Ratio Lower Upper
88 100
58 58.5 47.3 70.9
43 29.4 18.2 27.4#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.019 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

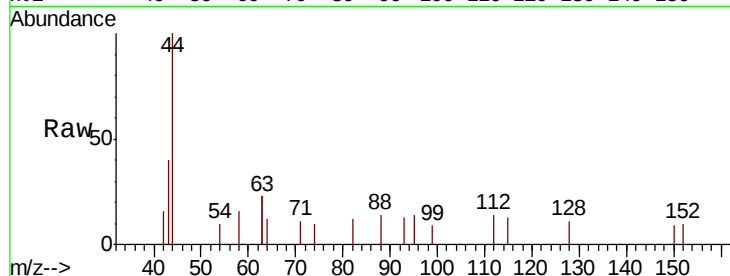
Tgt Ion: 112 Resp: 50

Ion Ratio Lower Upper

112 100

64 78.0 47.2 70.8#

63 294.0 90.7 136.1#

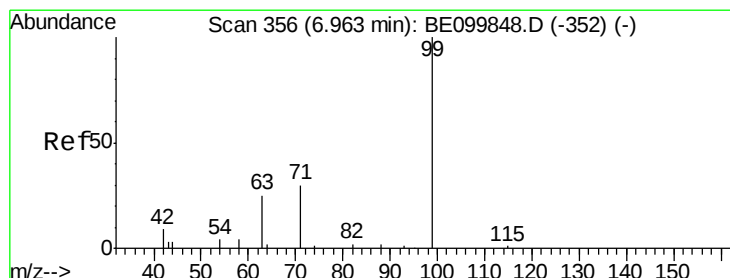
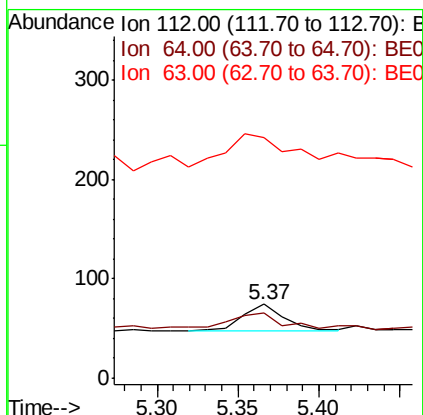
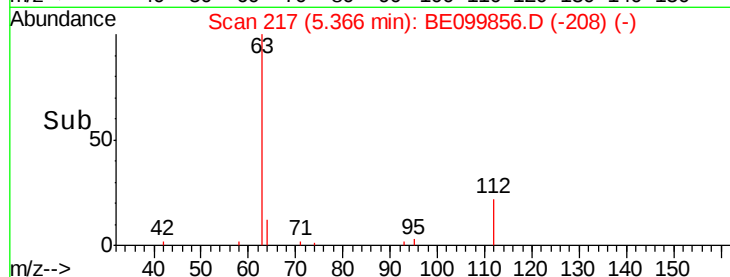


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



#5

Phenol-d6

Concen: 0.016 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

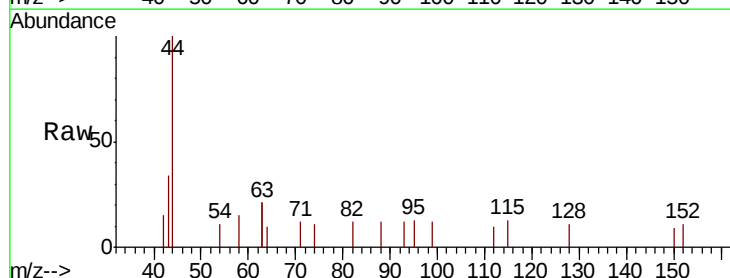
Tgt Ion: 99 Resp: 53

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

71 0.0 26.1 39.1#

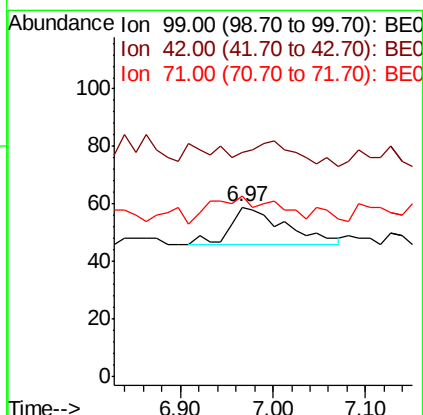
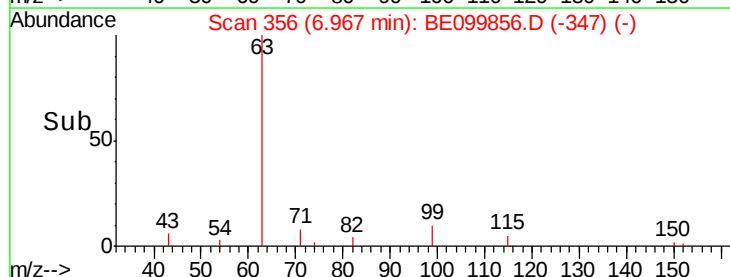


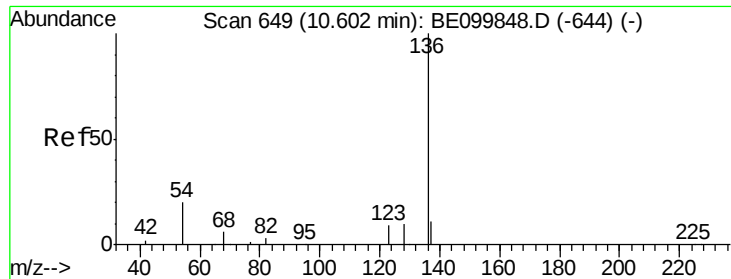
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

Tgt Ion: 136 Resp: 2744

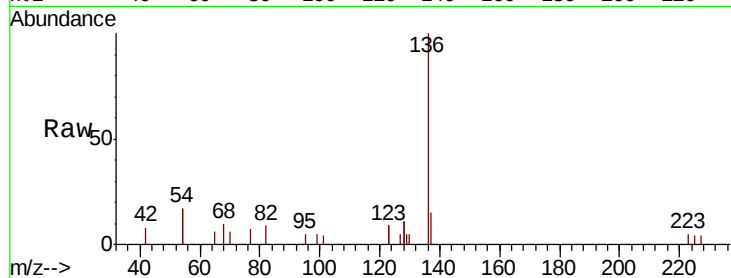
Ion Ratio Lower Upper

136 100

137 15.5 11.1 16.7

54 34.4 17.9 26.9#

68 9.7 5.4 8.0#

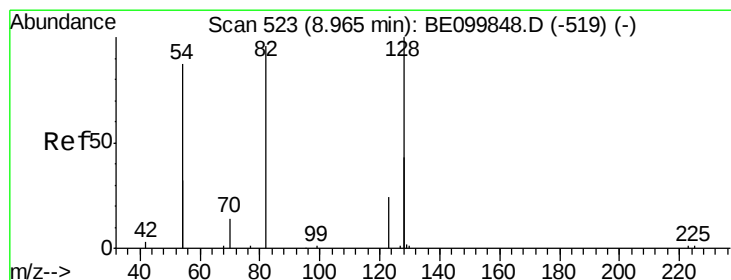
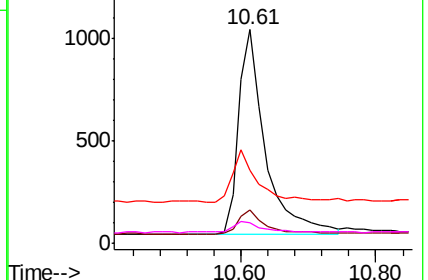
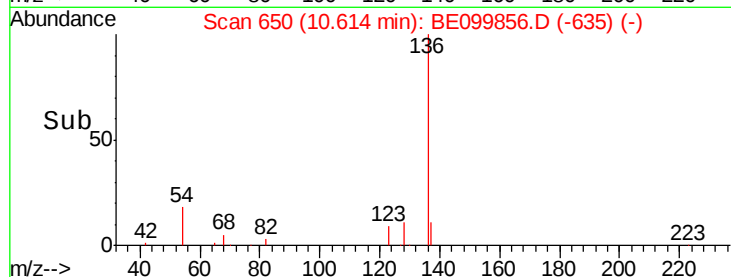


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.063 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

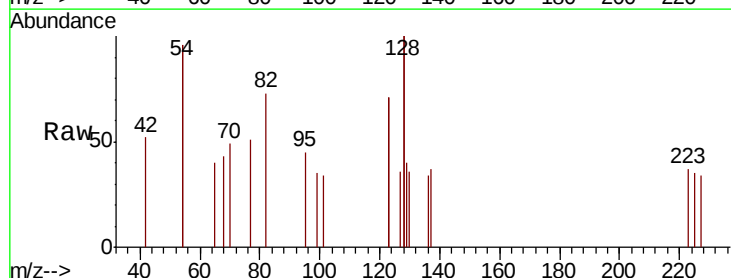
Tgt Ion: 82 Resp: 173

Ion Ratio Lower Upper

82 100

128 274.7 116.6 175.0#

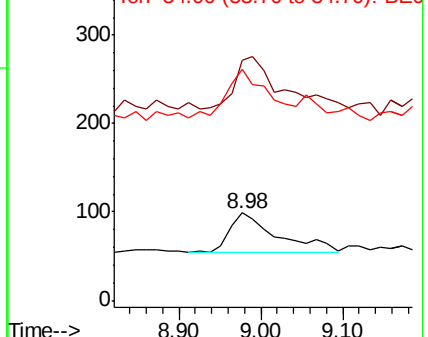
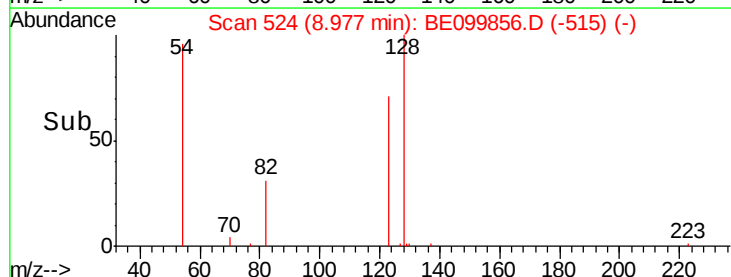
54 264.6 136.2 204.4#

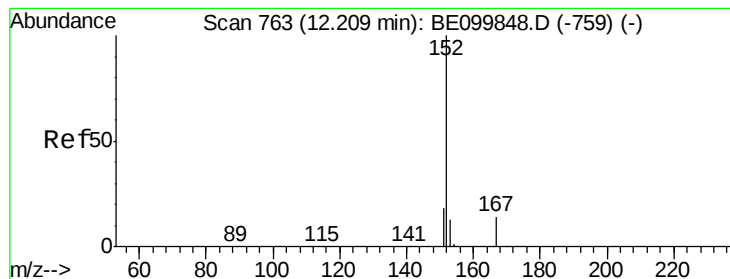


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.054 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

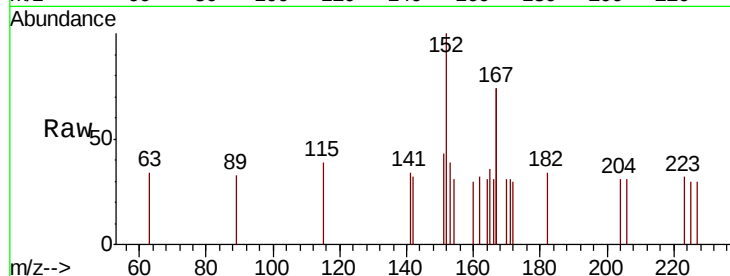
BP-TT-MW201D-20190603DL

Tgt Ion:152 Resp: 267

Ion Ratio Lower Upper

152 100

151 21.7 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

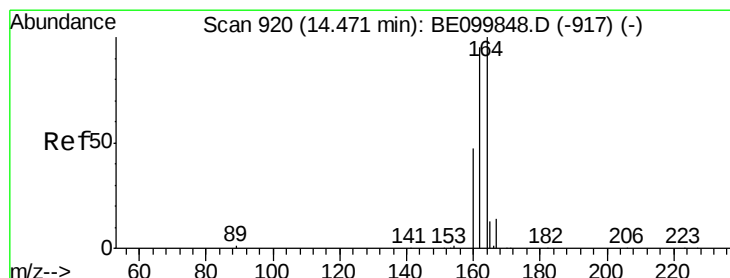
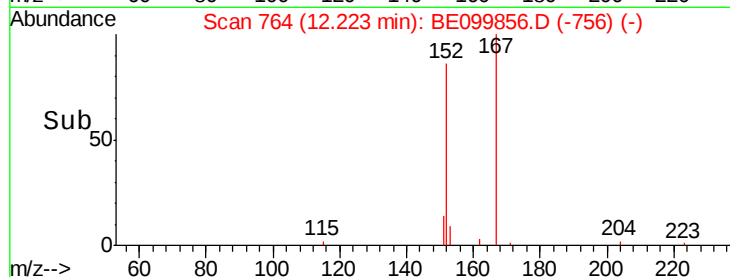
150

100

50

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

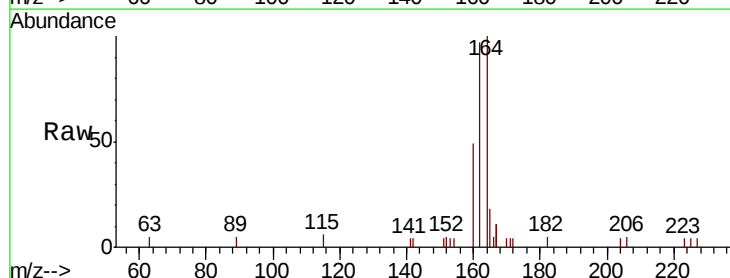
Tgt Ion:164 Resp: 2186

Ion Ratio Lower Upper

164 100

162 97.2 77.2 115.8

160 49.3 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

14.47

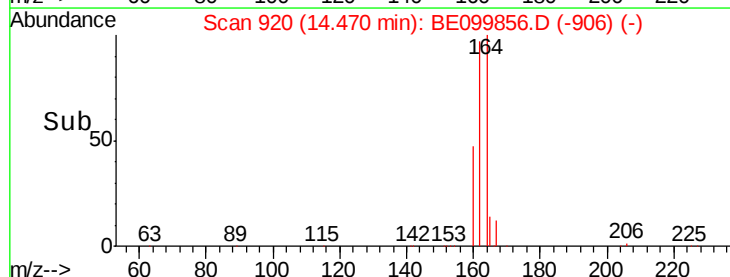
1500

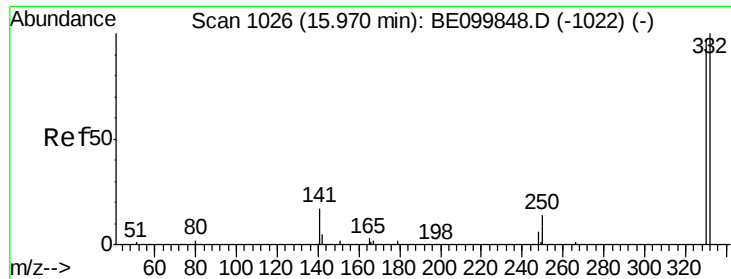
1000

500

0

Time-->

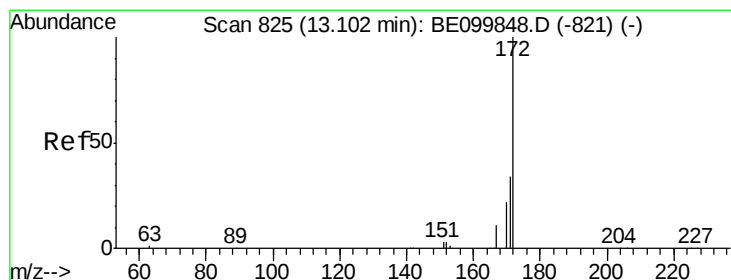
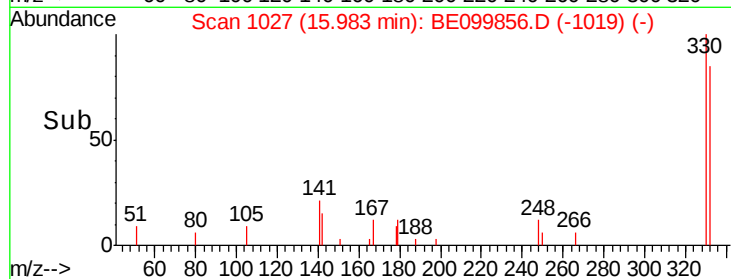
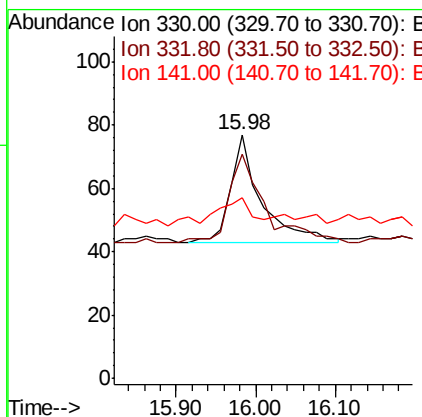
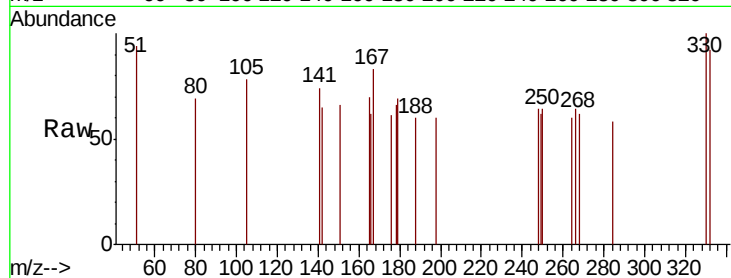




#14
 2,4,6-Tribromophenol
 Concen: 0.042 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099856.D
 Acq: 7 Jun 2019 17:17

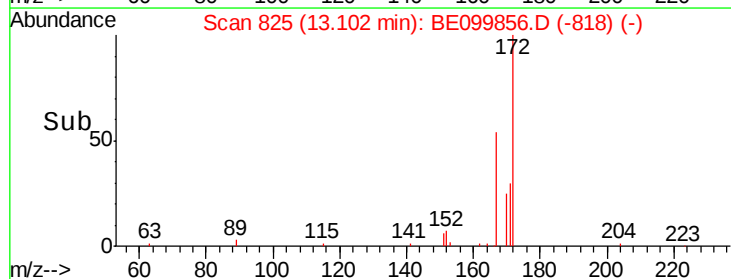
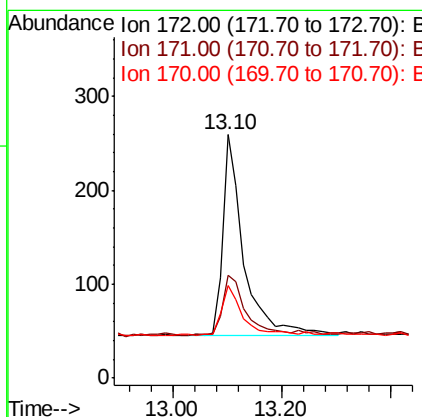
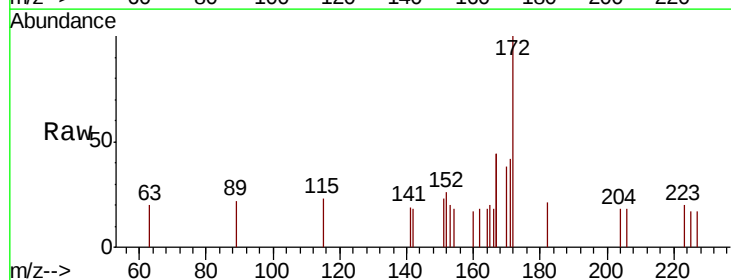
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D-20190603DL

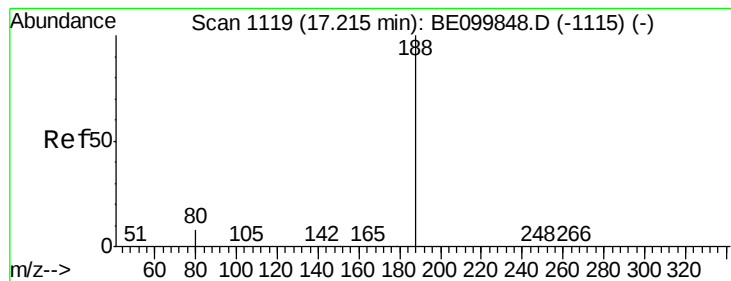
Tgt Ion: 330 Resp: 91
 Ion Ratio Lower Upper
 330 100
 332 95.6 74.9 112.3
 141 16.5 16.0 24.0



#15
 2-Fluorobiphenyl
 Concen: 0.074 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099856.D
 Acq: 7 Jun 2019 17:17

Tgt Ion: 172 Resp: 581
 Ion Ratio Lower Upper
 172 100
 171 42.5 30.2 45.4
 170 38.2 20.1 30.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

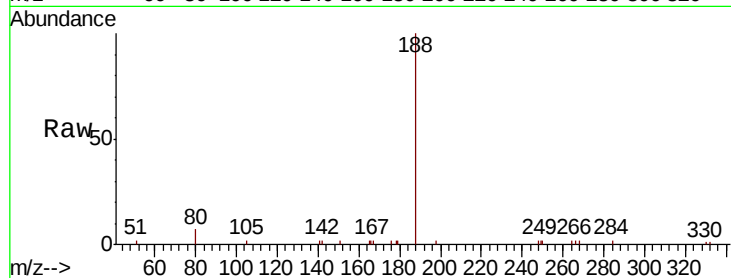
Tgt Ion:188 Resp: 7068

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

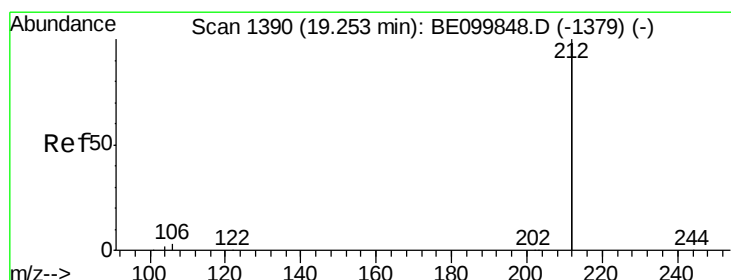
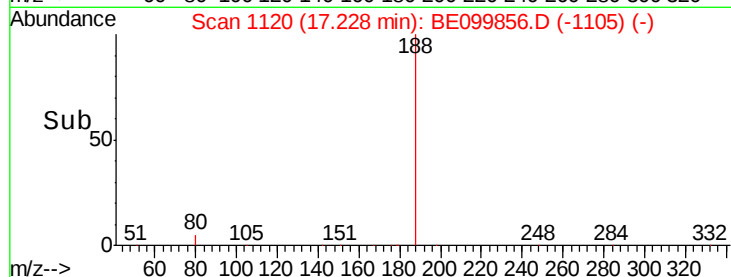
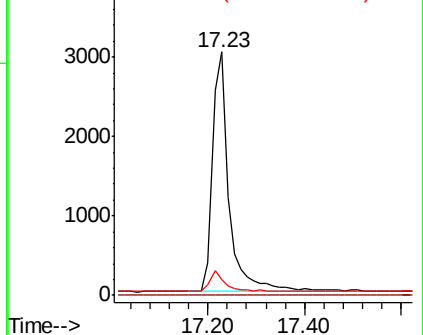
80 6.7 5.2 7.8



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: 0.057 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

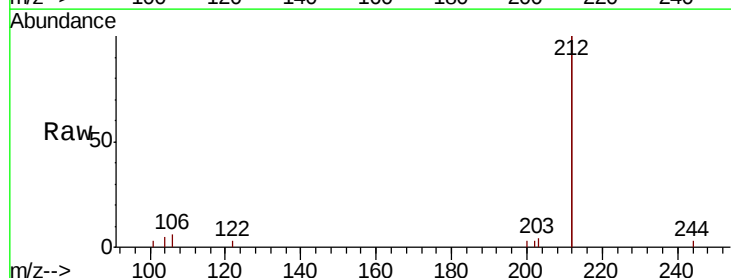
Tgt Ion:212 Resp: 6295

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.0

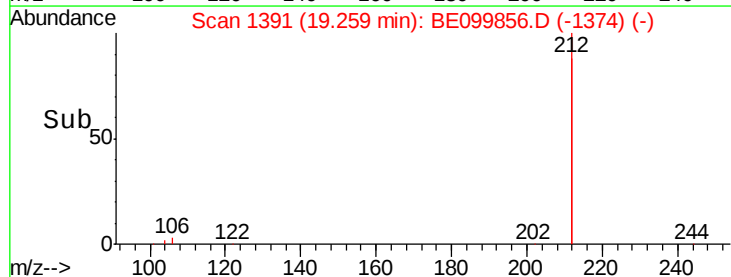
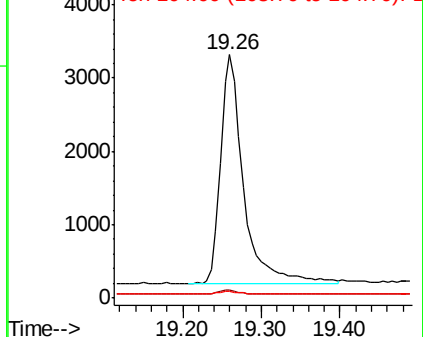
104 1.2 0.8 1.2

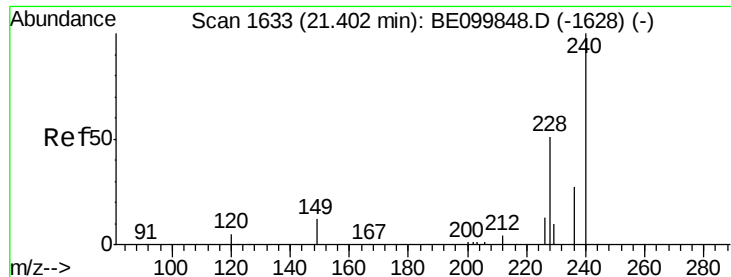


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

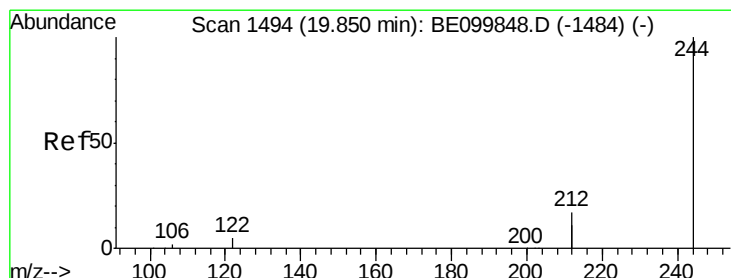
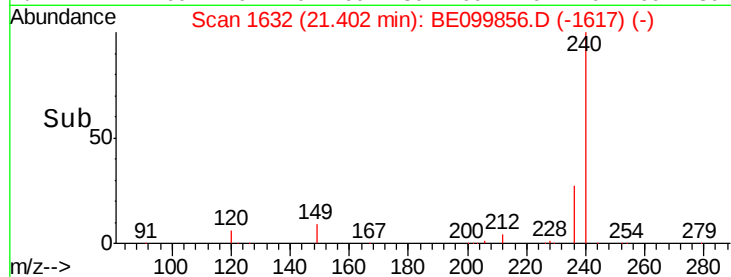
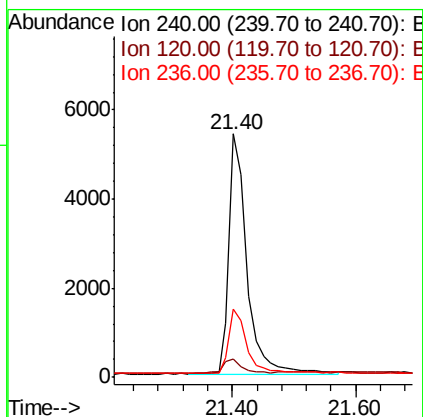
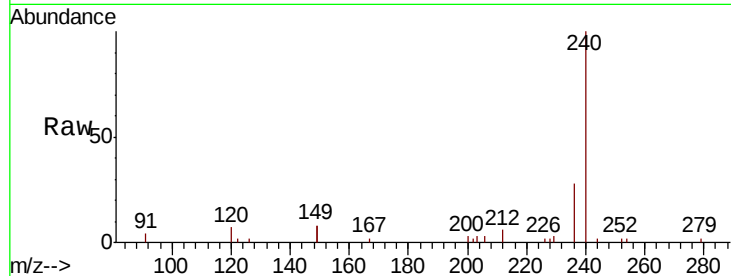




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099856.D
Acq: 7 Jun 2019 17:17

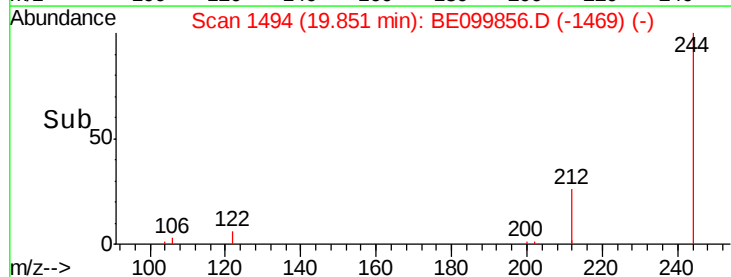
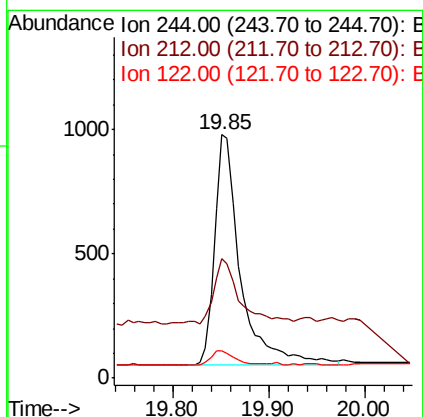
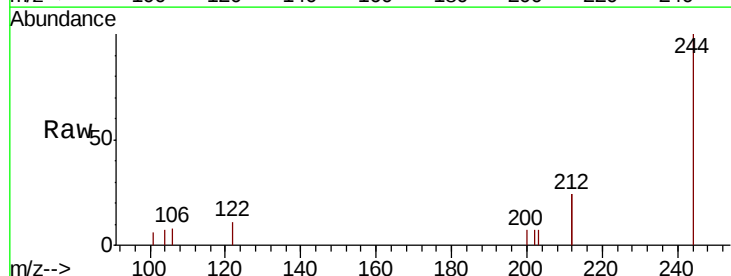
Instrument :
BNA_E
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BP-TT-MW201D-20190603DL

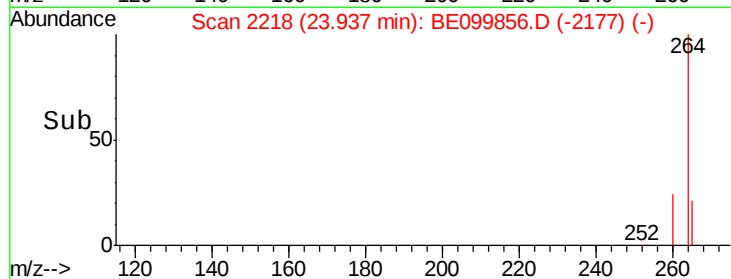
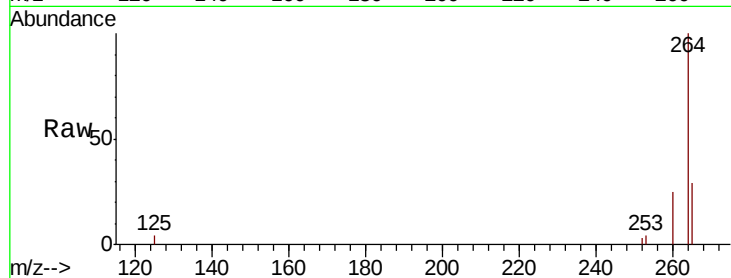
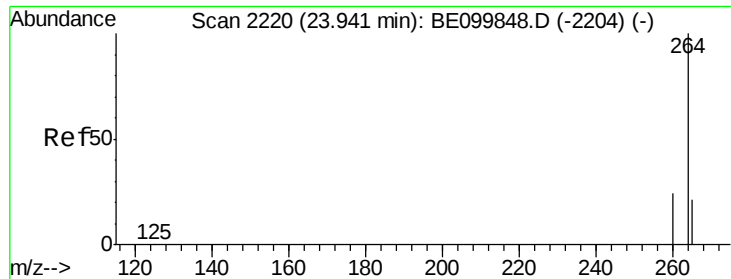
Tgt Ion:240 Resp: 10806
Ion Ratio Lower Upper
240 100
120 7.3 2.8 4.2#
236 28.2 20.9 31.3



#29
Terphenyl-d14
Concen: 0.087 ng
RT: 19.85 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BE099856.D
Acq: 7 Jun 2019 17:17

Tgt Ion:244 Resp: 1749
Ion Ratio Lower Upper
244 100
212 49.0 23.7 35.5#
122 11.0 4.8 7.2#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BE099856.D

Acq: 7 Jun 2019 17:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-20190603DL

Tgt Ion:264 Resp: 13210

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 28.9 20.7 31.1

