

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099631.D
 Acq On : 16 May 2019 20:17
 Operator : JU/SJ
 Sample : K2811-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D-GW-20190509

Quant Time: May 17 07:03:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

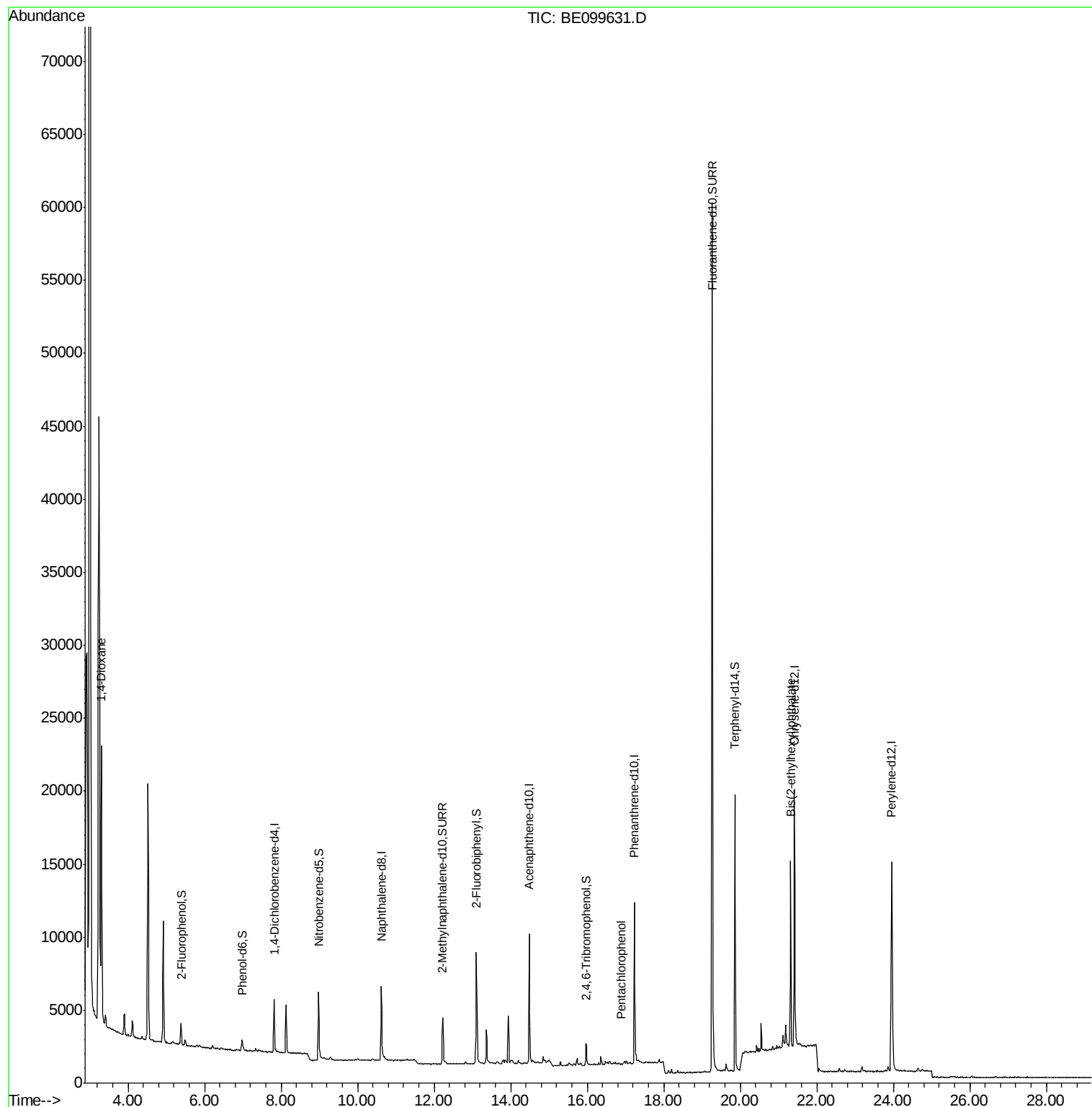
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2070	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	7084	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	5170	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	16141	0.40	ng	0.00
27) Chrysene-d12	21.41	240	19965	0.40	ng	0.00
34) Perylene-d12	23.96	264	22842	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	998	0.17	ng	0.01
5) Phenol-d6	6.98	99	830	0.11	ng	0.00
8) Nitrobenzene-d5	8.98	82	2403	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4704	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1237	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	7879	0.40	ng	0.00
25) Fluoranthene-d10	19.27	212	83328	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	19277	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	16701	5.470	ng	Qvalue 89
22) Pentachlorophenol	16.88	266	10	0.277	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.32	149	14100	0.152	ng	99

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

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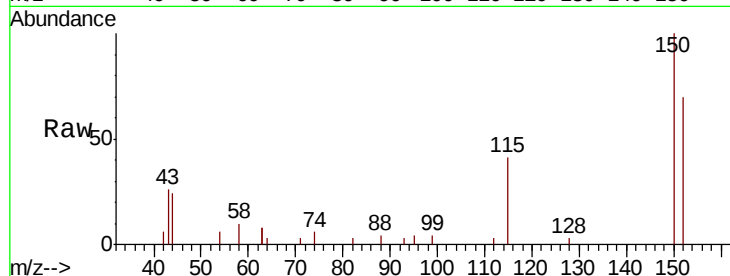


#1

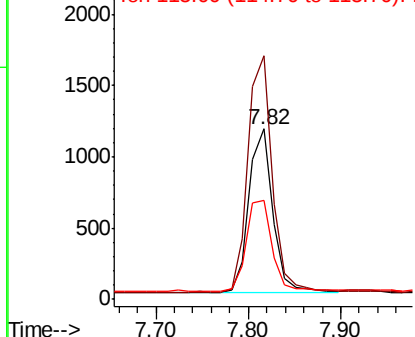
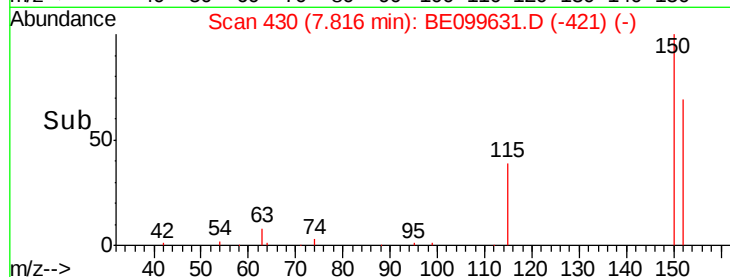
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099631.D
Acq: 16 May 2019 20:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-MW201D-GW-20190509

Tgt Ion: 152 Resp: 2070
Ion Ratio Lower Upper
152 100
150 142.8 110.1 165.1
115 58.3 46.2 69.4



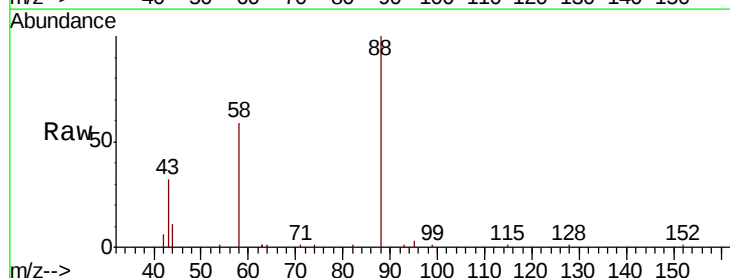
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



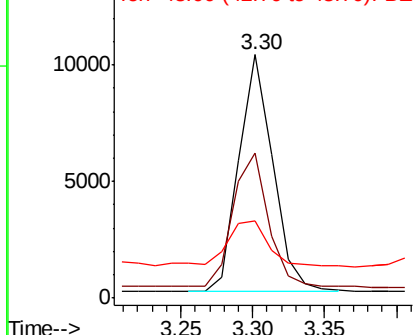
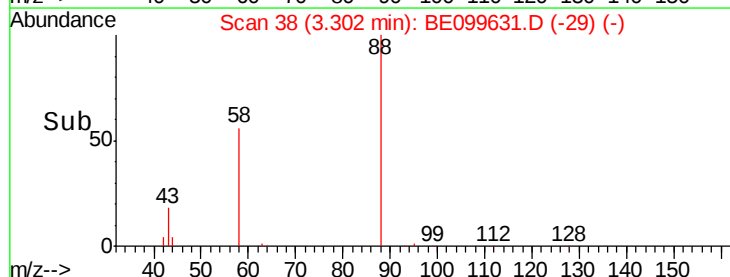
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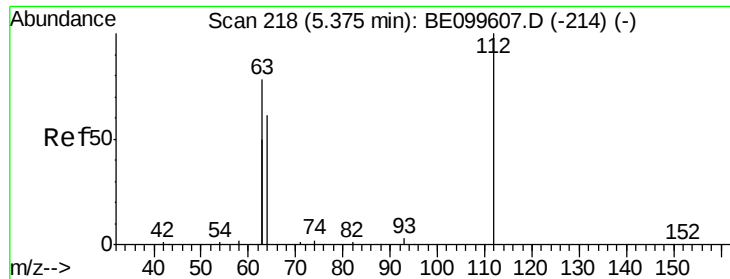
1,4-Dioxane
Concen: 5.470 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099631.D
Acq: 16 May 2019 20:17

Tgt Ion: 88 Resp: 16701
Ion Ratio Lower Upper
88 100
58 58.0 39.8 59.6
43 21.5 21.0 31.6



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: 0.170 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099631.D

Acq: 16 May 2019 20:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-GW-20190509

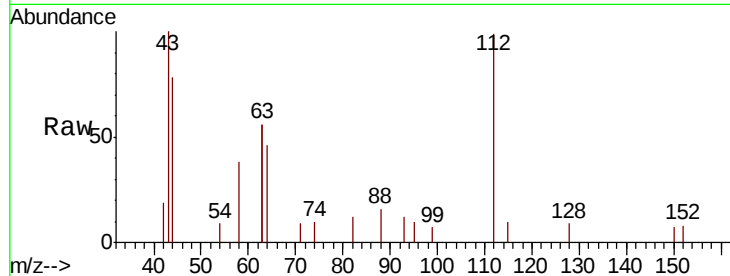
Tgt Ion: 112 Resp: 998

Ion Ratio Lower Upper

112 100

64 58.0 43.7 65.5

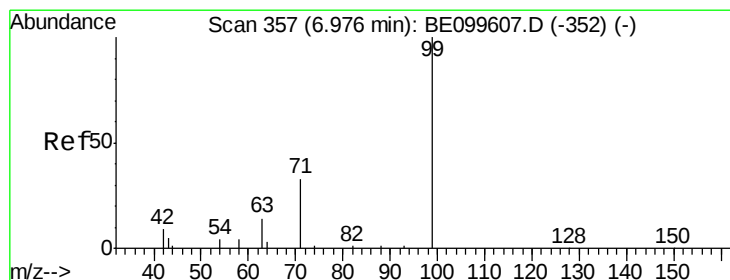
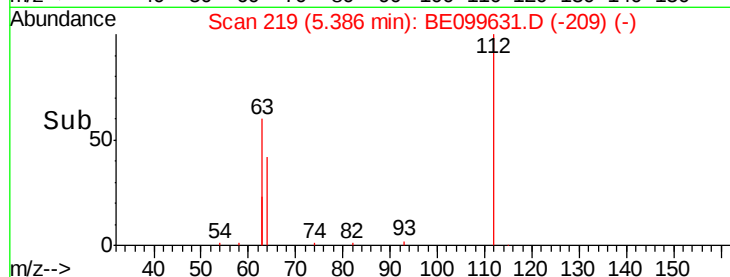
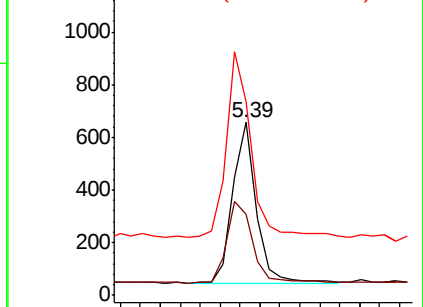
63 119.9 94.0 141.0



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



#5

Phenol-d6

Concen: 0.111 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099631.D

Acq: 16 May 2019 20:17

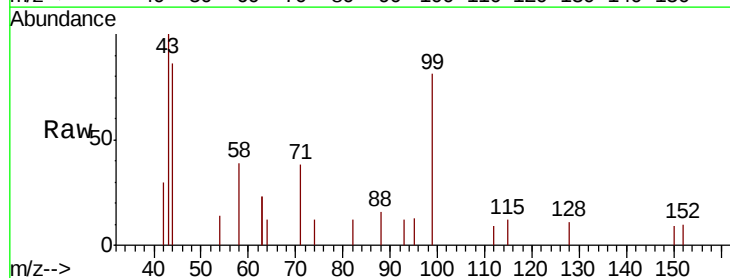
Tgt Ion: 99 Resp: 830

Ion Ratio Lower Upper

99 100

42 13.3 14.3 21.5#

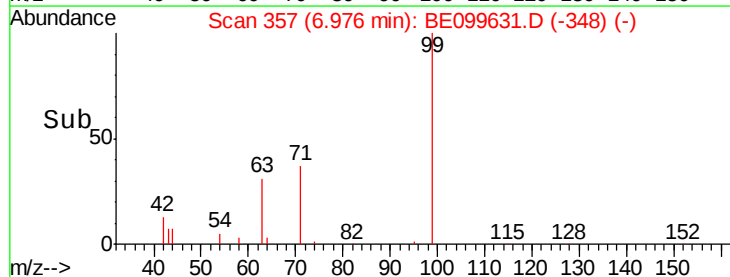
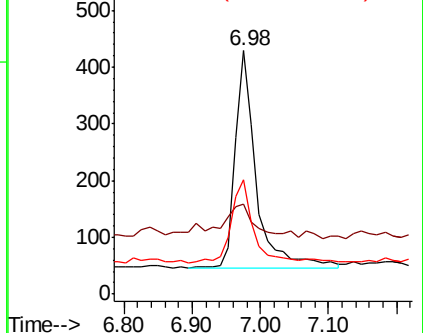
71 40.8 33.1 49.7

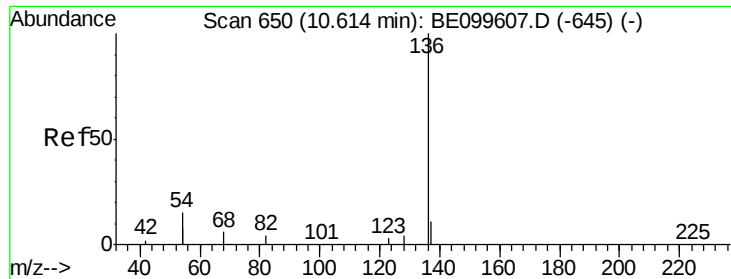


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099631.D

Acq: 16 May 2019 20:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-GW-20190509

Tgt Ion: 136 Resp: 7084

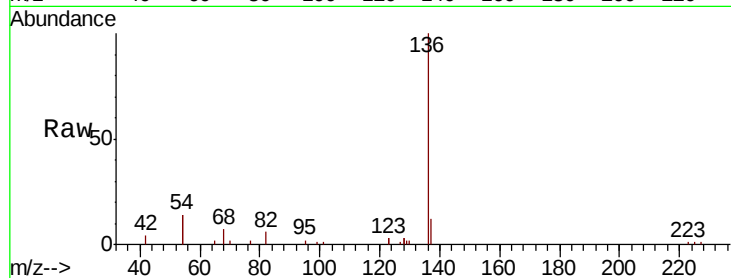
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 27.6 23.8 35.8

68 7.2 6.2 9.2

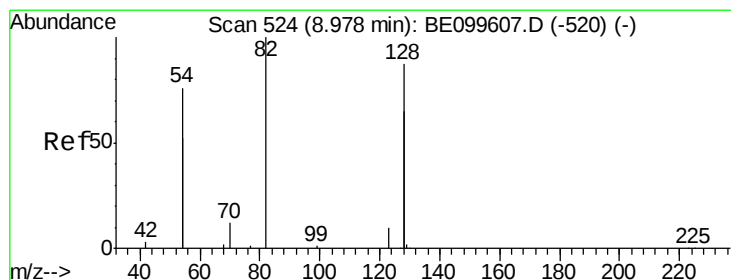
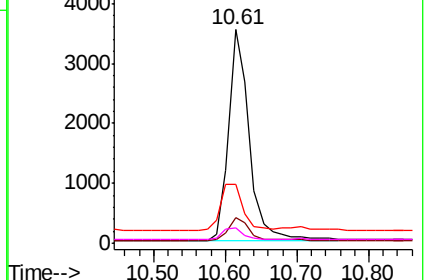
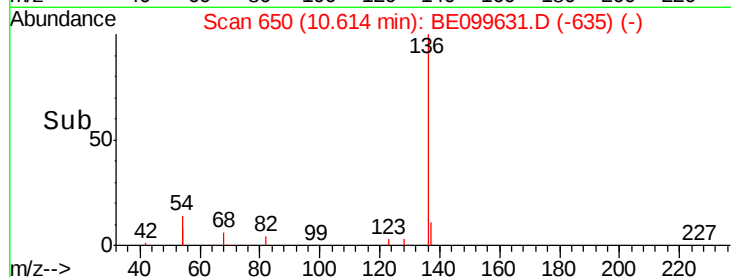


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.350 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099631.D

Acq: 16 May 2019 20:17

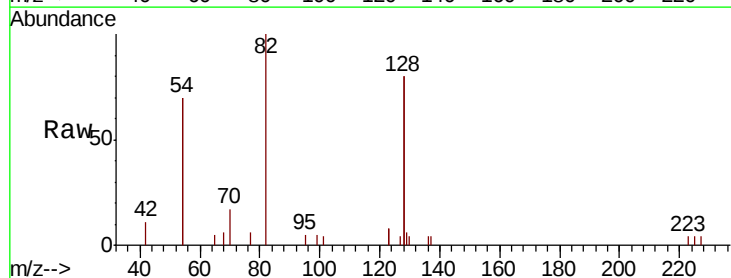
Tgt Ion: 82 Resp: 2403

Ion Ratio Lower Upper

82 100

128 160.6 131.4 197.2

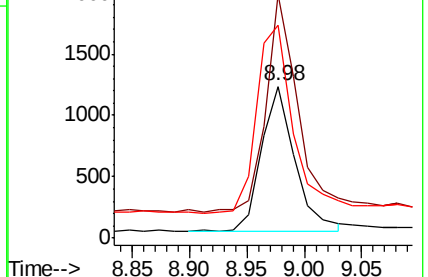
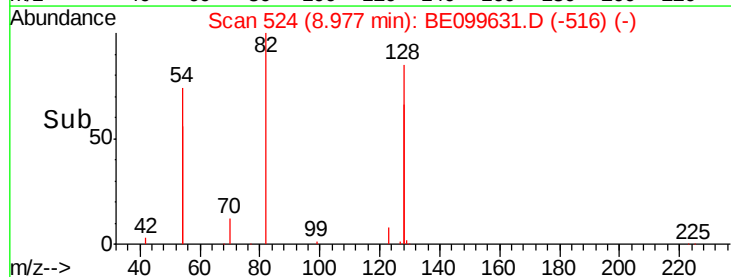
54 140.4 113.9 170.9

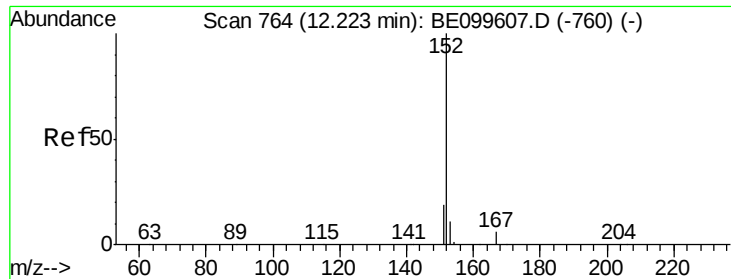


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

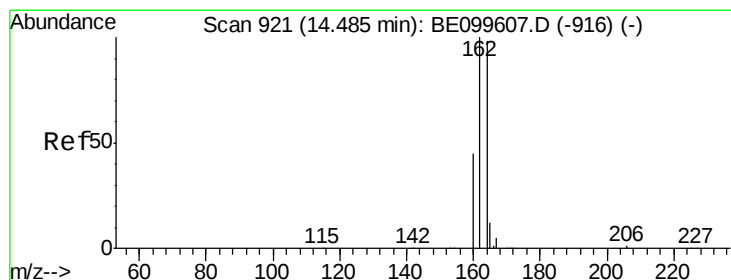
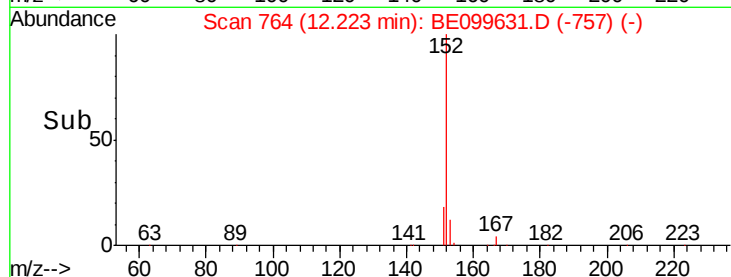
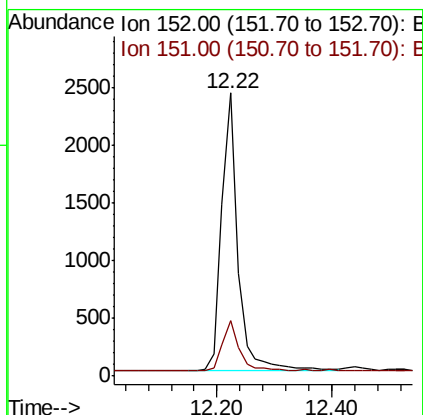
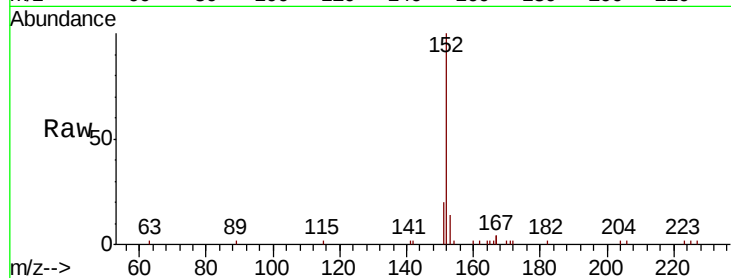




#11
 2-Methylnaphthalene-d10
 Concen: 0.395 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099631.D
 Acq: 16 May 2019 20:17

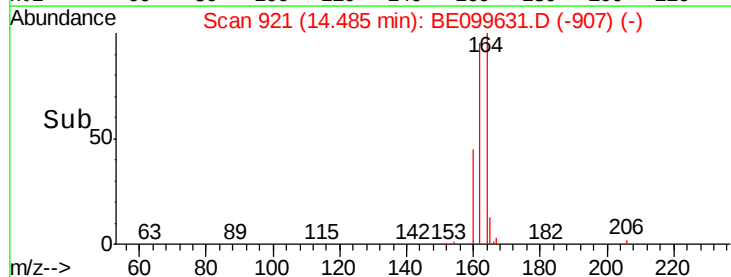
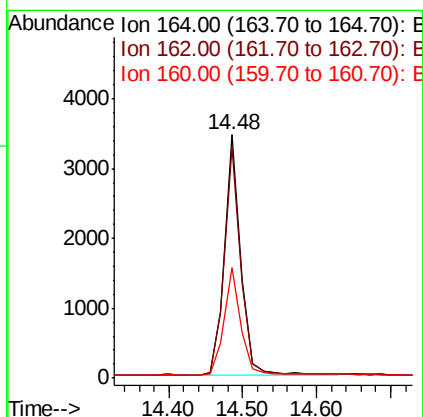
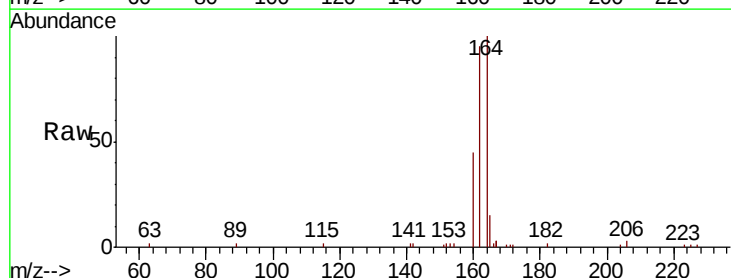
Instrument :
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 BP-TT-MW201D-GW-20190509

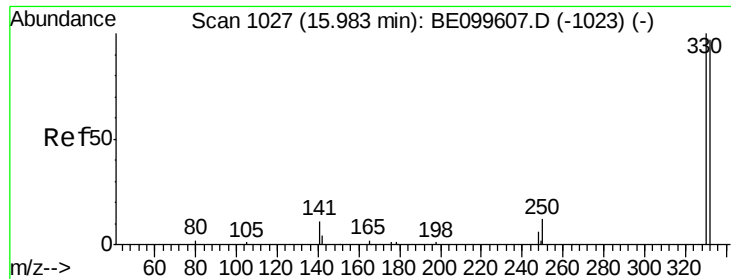
Tgt Ion:152 Resp: 4704
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.3 22.9



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE099631.D
 Acq: 16 May 2019 20:17

Tgt Ion:164 Resp: 5170
 Ion Ratio Lower Upper
 164 100
 162 94.7 81.4 122.0
 160 45.4 37.4 56.2

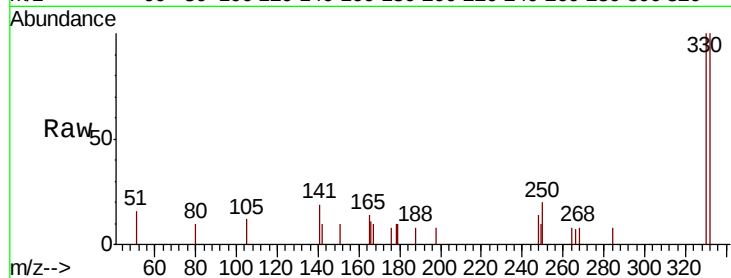




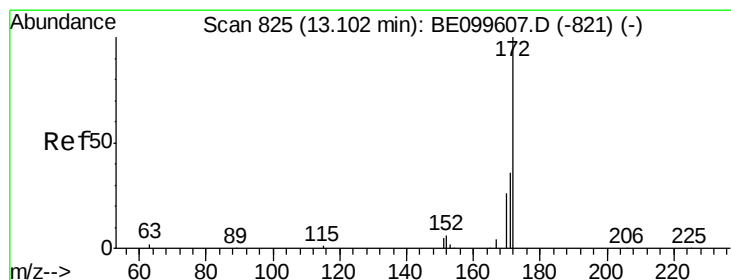
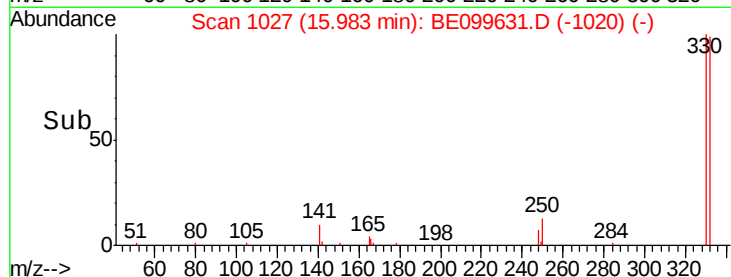
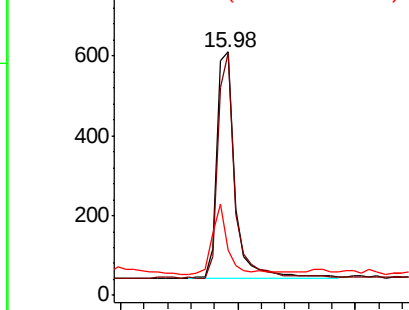
#14
 2,4,6-Tribromophenol
 Concen: 0.350 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE099631.D
 Acq: 16 May 2019 20:17

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW201D-GW-20190509

Tgt Ion: 330 Resp: 1237
 Ion Ratio Lower Upper
 330 100
 332 91.3 73.8 110.8
 141 26.7 21.0 31.6

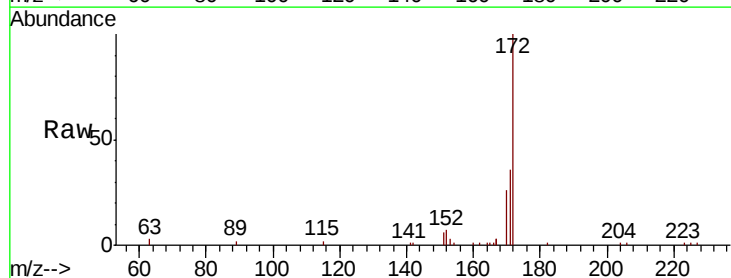


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

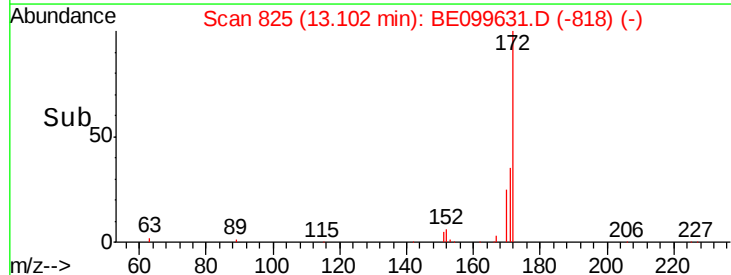
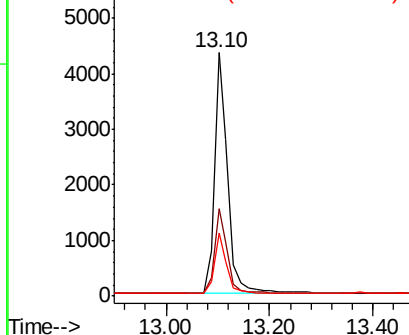


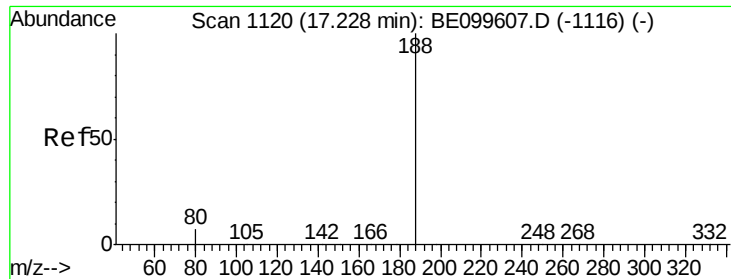
#15
 2-Fluorobiphenyl
 Concen: 0.396 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099631.D
 Acq: 16 May 2019 20:17

Tgt Ion: 172 Resp: 7879
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 26.0 21.5 32.3



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: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099631.D

Acq: 16 May 2019 20:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-GW-20190509

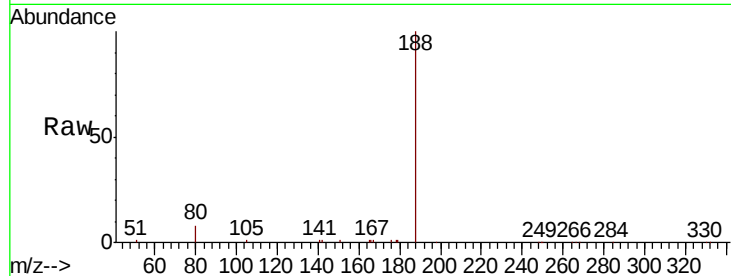
Tgt Ion:188 Resp: 16141

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

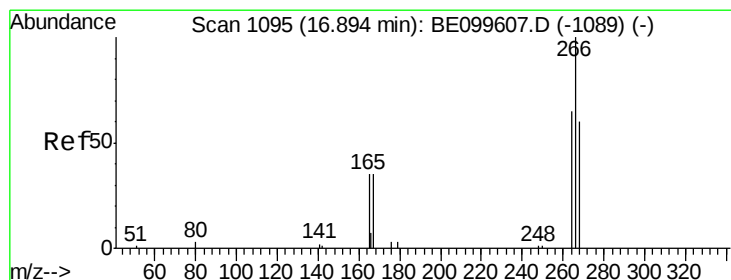
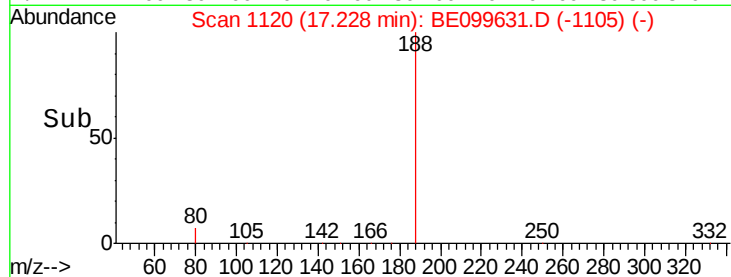
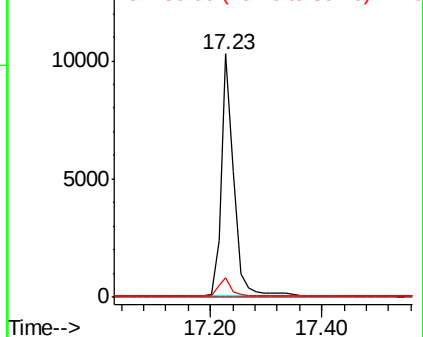
80 7.9 6.4 9.6



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



#22

Pentachlorophenol

Concen: 0.277 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099631.D

Acq: 16 May 2019 20:17

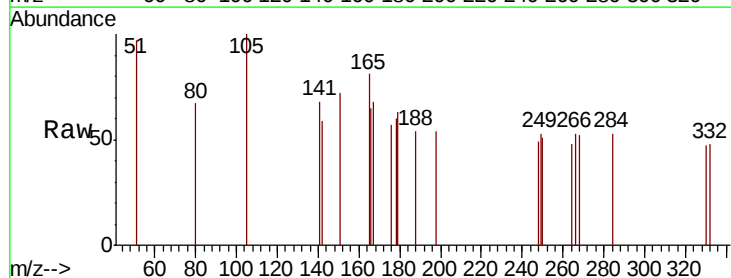
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 91.8 57.7 86.5#

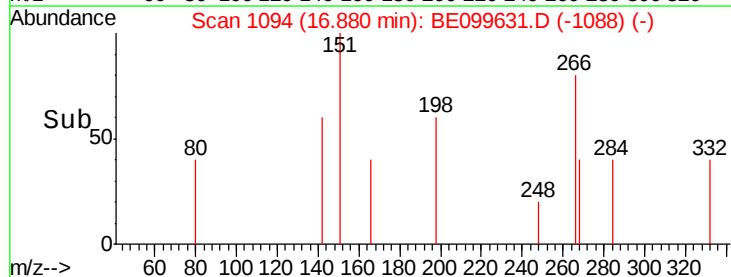
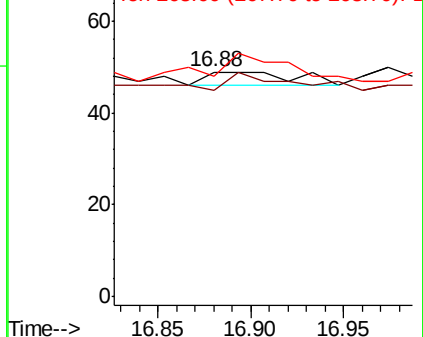
268 98.0 55.8 83.8#

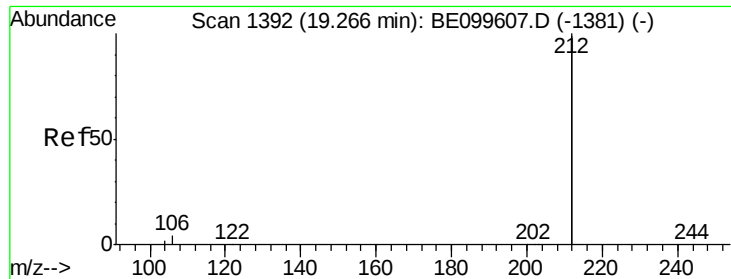


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

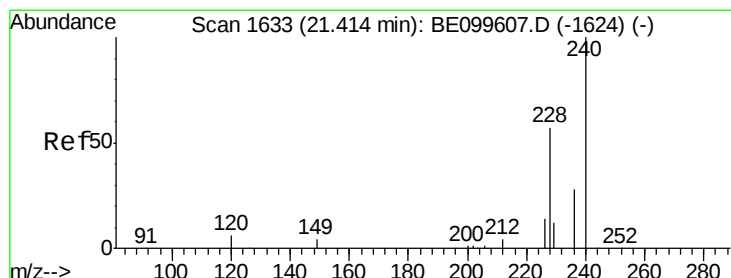
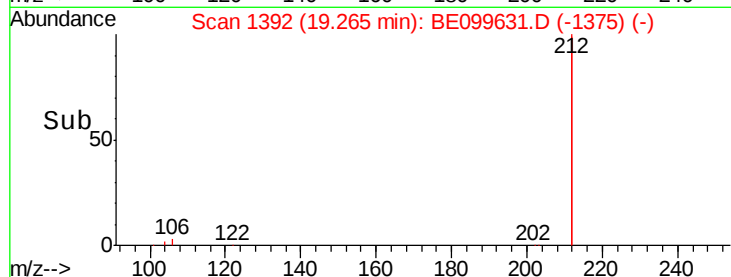
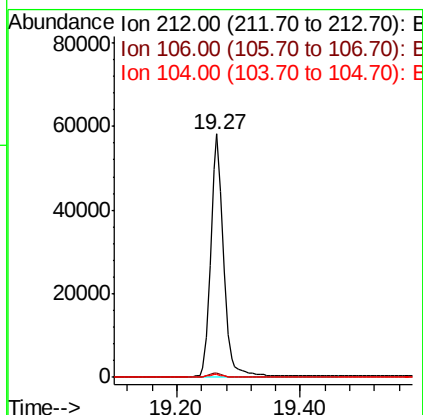
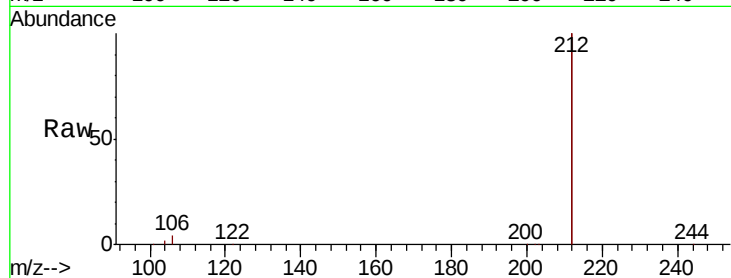




#25
 Fluoranthene-d10
 Concen: 0.388 ng
 RT: 19.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BE099631.D
 Acq: 16 May 2019 20:17

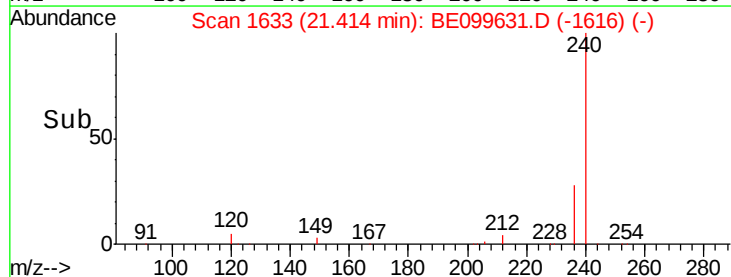
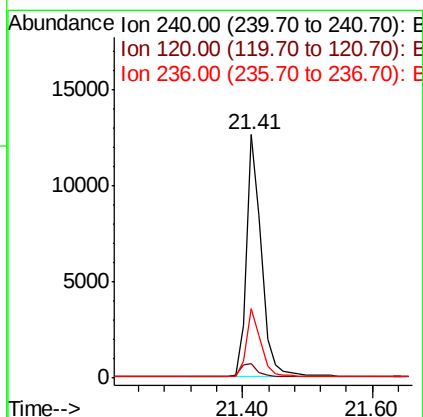
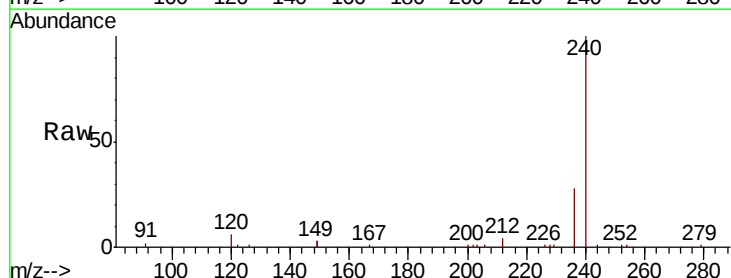
Instrument :
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 BP-TT-MW201D-GW-20190509

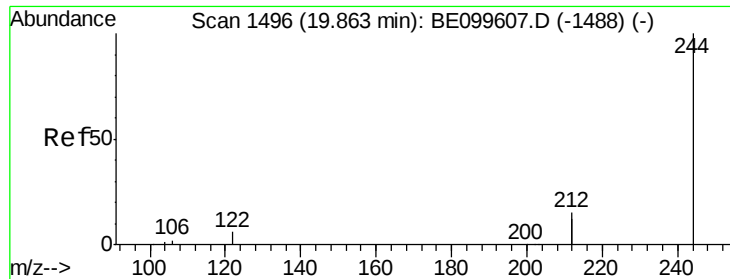
Tgt Ion:212 Resp: 83328
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.9 1.3



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099631.D
 Acq: 16 May 2019 20:17

Tgt Ion:240 Resp: 19965
 Ion Ratio Lower Upper
 240 100
 120 5.9 5.7 8.5
 236 28.3 22.8 34.2





#29

Terphenyl-d14

Concen: 0.536 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099631.D

Acq: 16 May 2019 20:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-GW-20190509

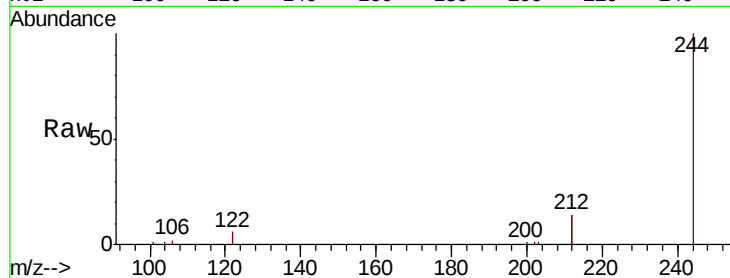
Tgt Ion:244 Resp: 19277

Ion Ratio Lower Upper

244 100

212 27.9 23.8 35.6

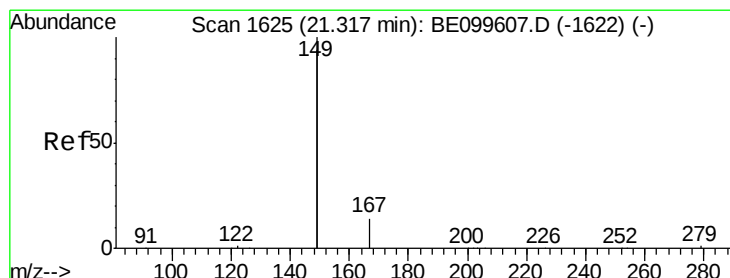
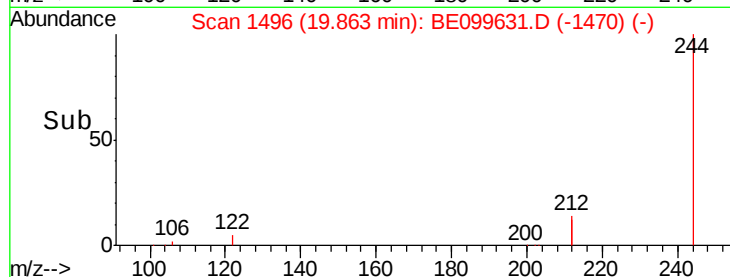
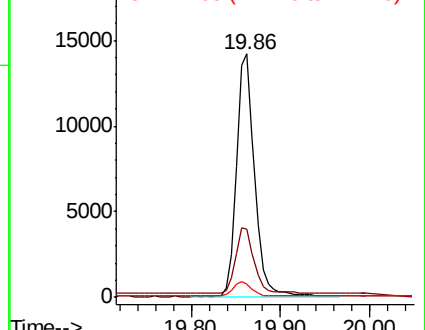
122 5.6 5.0 7.6



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: 0.152 ng

RT: 21.32 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE099631.D

Acq: 16 May 2019 20:17

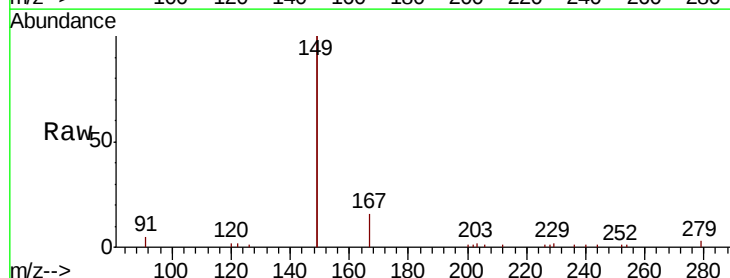
Tgt Ion:149 Resp: 14100

Ion Ratio Lower Upper

149 100

167 7.9 6.0 9.0

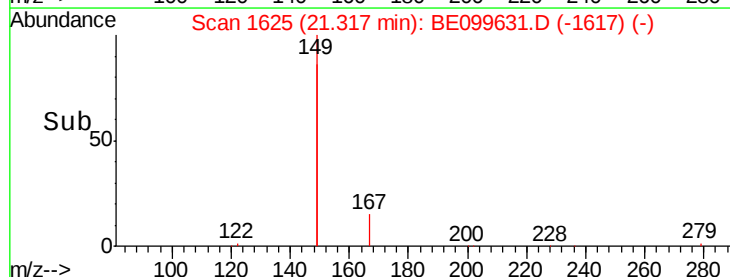
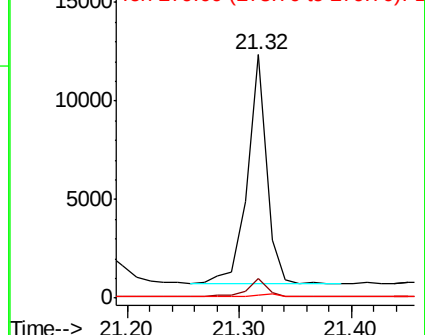
279 1.5 1.1 1.7

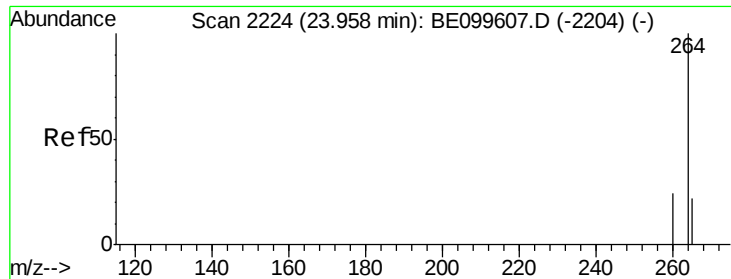


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.96 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BE099631.D

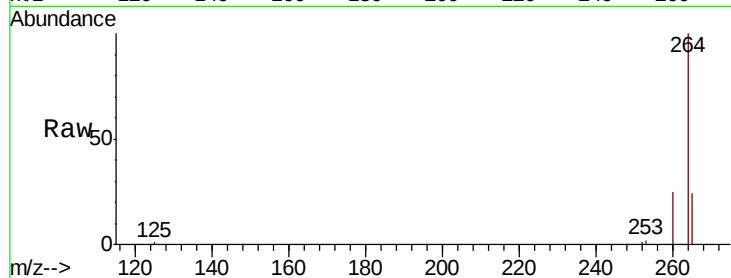
Acq: 16 May 2019 20:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW201D-GW-20190509



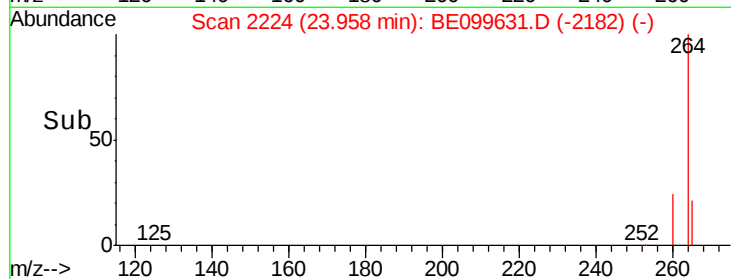
Tgt Ion: 264 Resp: 22842

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 23.7 21.2 31.8



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

