

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099838.D
 Acq On : 7 Jun 2019 1:01
 Operator : JU/SJ
 Sample : K3190-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307I-20190604

Quant Time: Jun 07 02:08:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

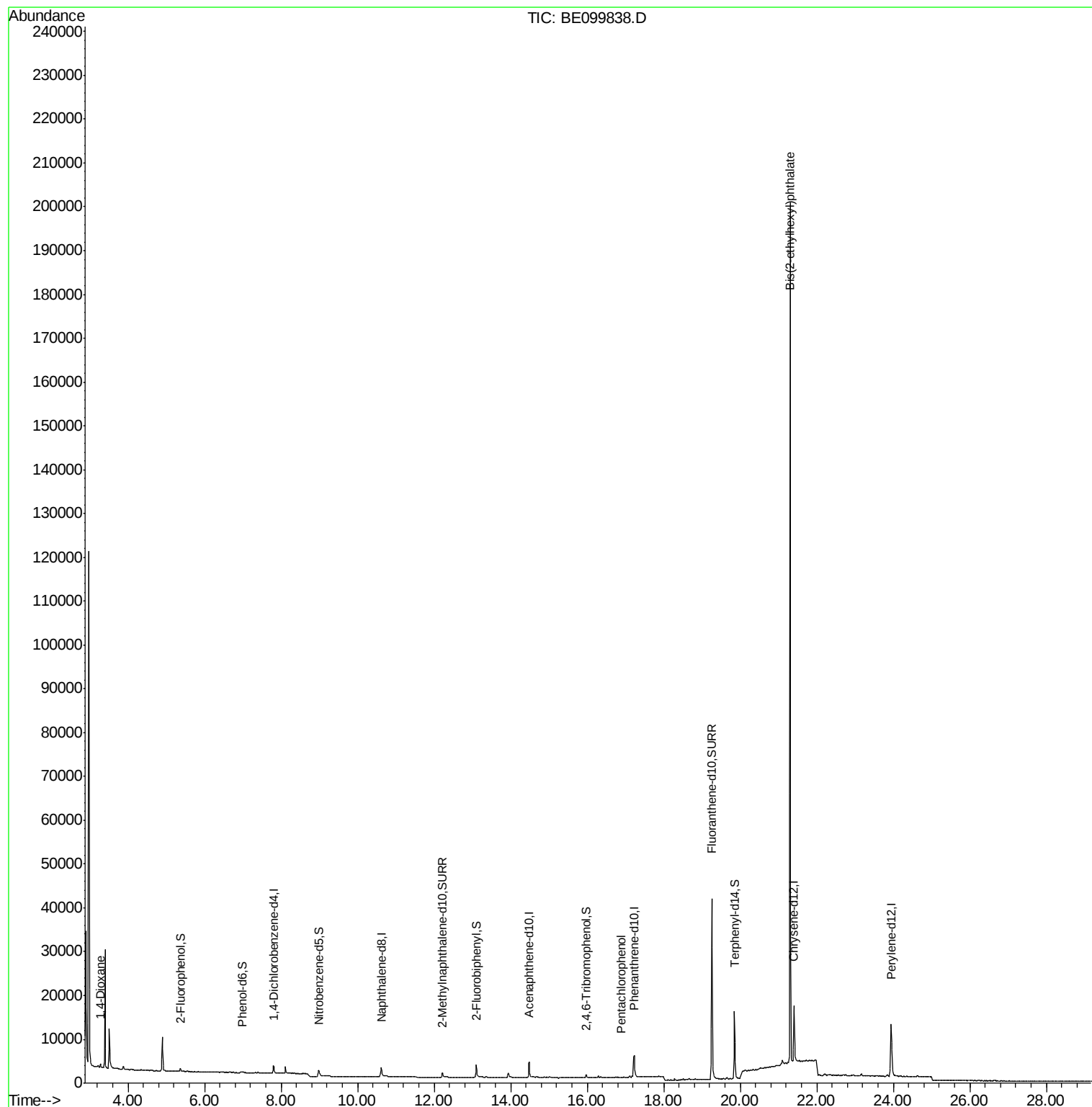
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1083	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	3696	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2941	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	10478	0.40	ng	0.00
27) Chrysene-d12	21.40	240	17677	0.40	ng	-0.01
34) Perylene-d12	23.94	264	20313	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	534	0.20	ng	0.00
5) Phenol-d6	6.98	99	430	0.13	ng	0.02
8) Nitrobenzene-d5	8.98	82	1276	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	2311	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	750	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3928	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	65295	0.42	ng	0.00
29) Terphenyl-d14	19.85	244	16705	0.58	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	636	0.405	ng	Qvalue # 73
22) Pentachlorophenol	16.89	266	10	0.284	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.31	149	195550	3.488	ng	100

(#) = 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: BE099838.D

Acq: 7 Jun 2019 1:01

Instrument :

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ClientSampleId :

BPS1-TT-MW307I-20190604

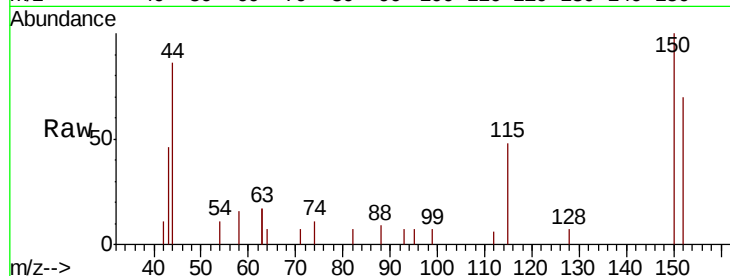
Tgt Ion: 152 Resp: 1083

Ion Ratio Lower Upper

152 100

150 143.3 112.8 169.2

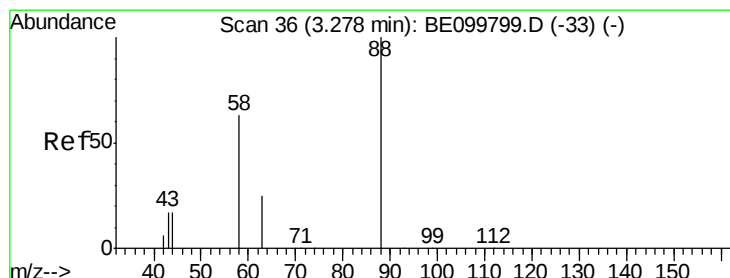
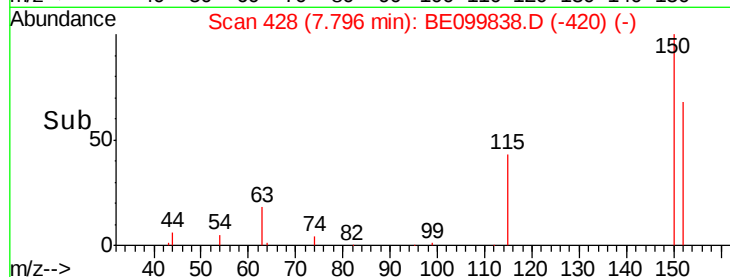
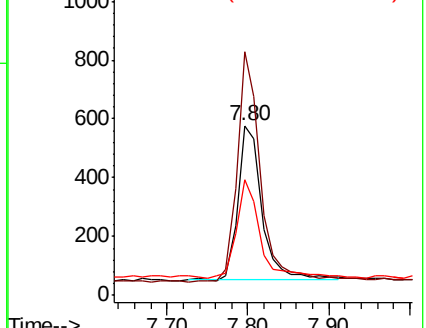
115 68.3 47.6 71.4



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: 0.405 ng

RT: 3.28 min Scan# 36

Delta R.T. 0.00 min

Lab File: BE099838.D

Acq: 7 Jun 2019 1:01

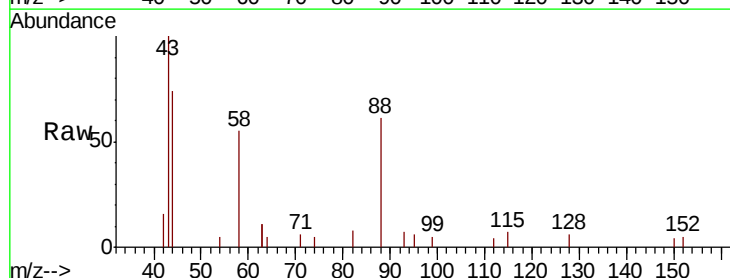
Tgt Ion: 88 Resp: 636

Ion Ratio Lower Upper

88 100

58 58.5 47.3 70.9

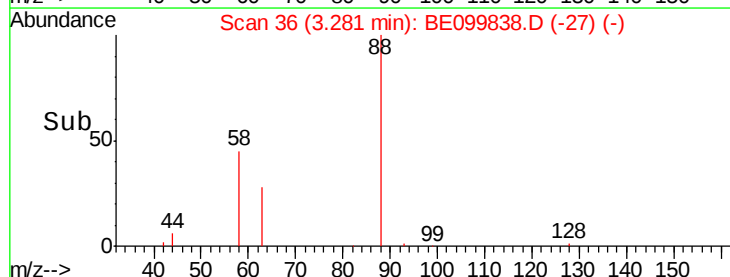
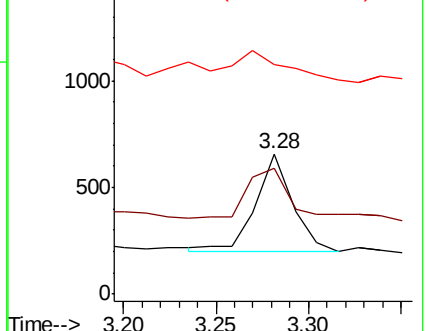
43 69.0 18.2 27.4#

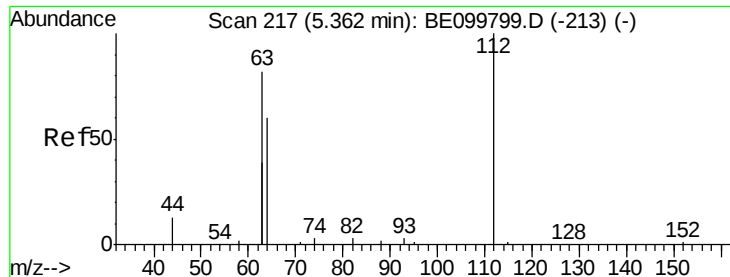


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.203 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099838.D

Acq: 7 Jun 2019 1:01

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20190604

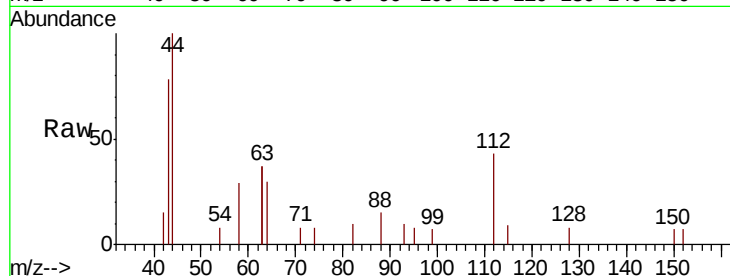
Tgt Ion: 112 Resp: 534

Ion Ratio Lower Upper

112 100

64 51.9 47.2 70.8

63 124.7 90.7 136.1



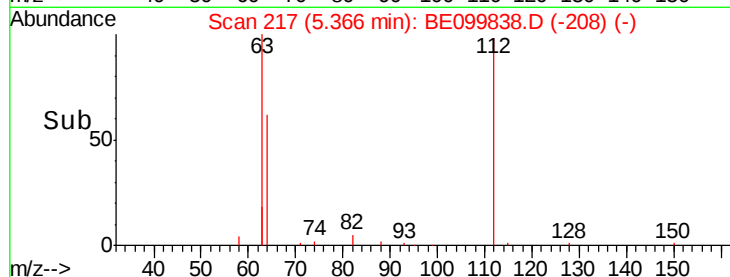
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

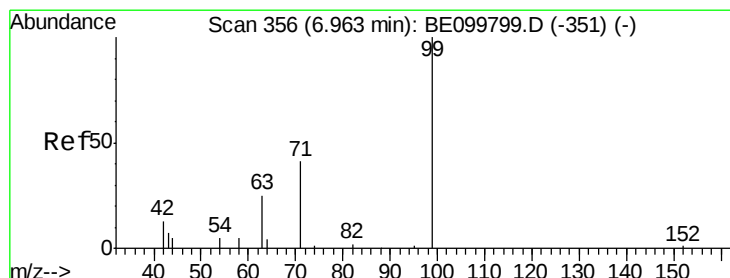
Ion 63.00 (62.70 to 63.70): BE0

Time-->

5.30 5.40 5.50



Time-->



#5

Phenol-d6

Concen: 0.127 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.02 min

Lab File: BE099838.D

Acq: 7 Jun 2019 1:01

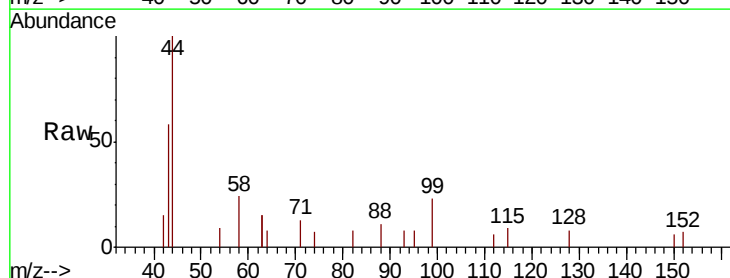
Tgt Ion: 99 Resp: 430

Ion Ratio Lower Upper

99 100

42 23.3 11.0 16.4#

71 35.6 26.1 39.1



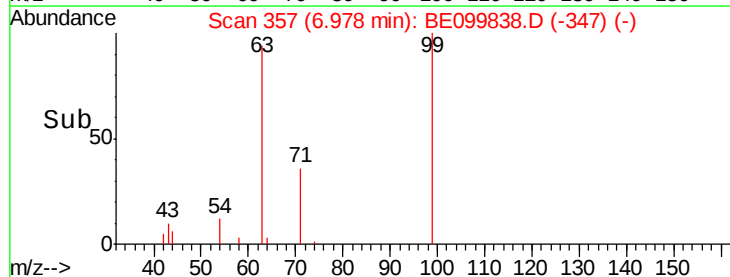
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

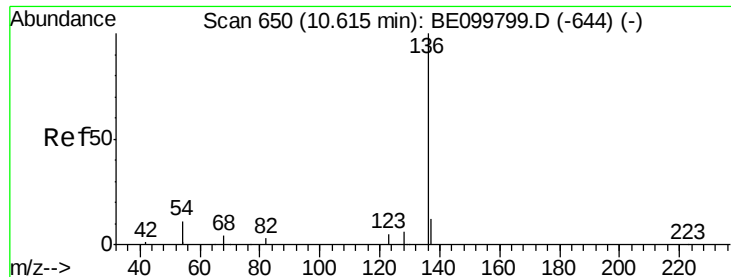
Ion 71.00 (70.70 to 71.70): BE0

Time-->

6.80 6.90 7.00 7.10 7.20



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099838.D

Acq: 7 Jun 2019 1:01

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW3071-20190604

Tgt Ion: 136 Resp: 3696

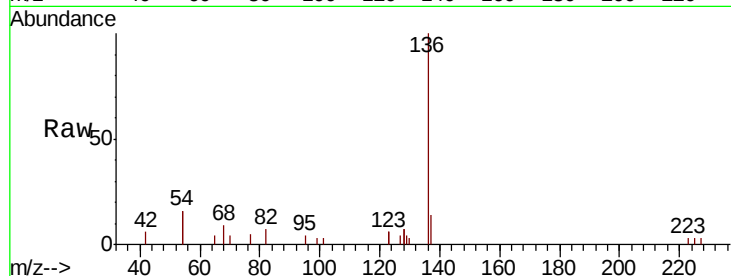
Ion Ratio Lower Upper

136 100

137 13.6 11.1 16.7

54 31.8 17.9 26.9#

68 8.5 5.4 8.0#

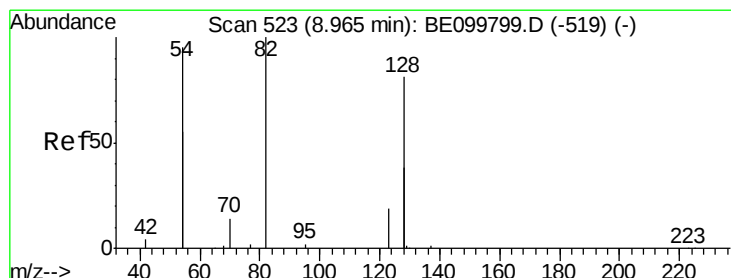
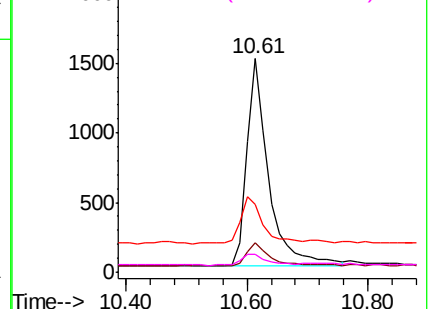
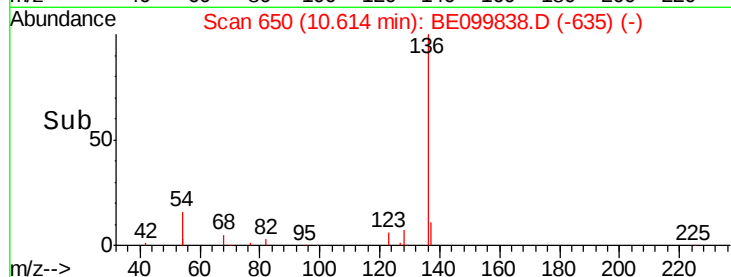


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099838.D

Acq: 7 Jun 2019 1:01

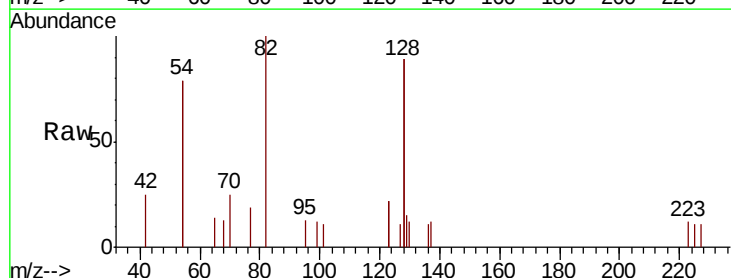
Tgt Ion: 82 Resp: 1276

Ion Ratio Lower Upper

82 100

128 178.0 116.6 175.0#

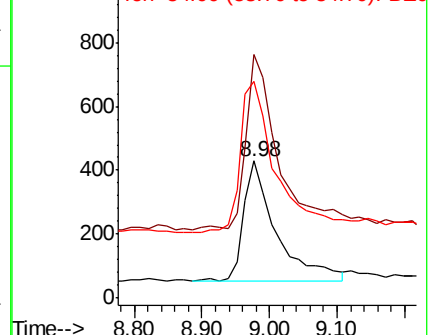
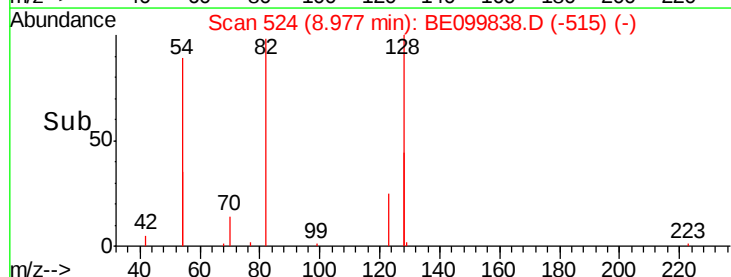
54 158.9 136.2 204.4

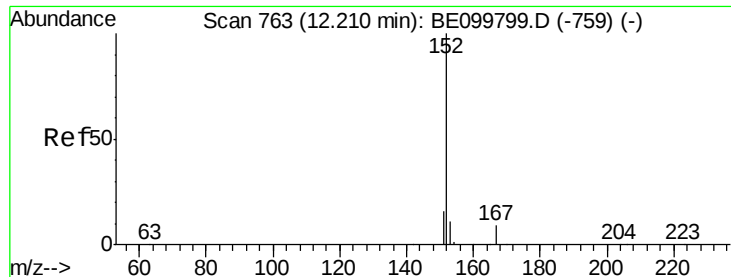


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

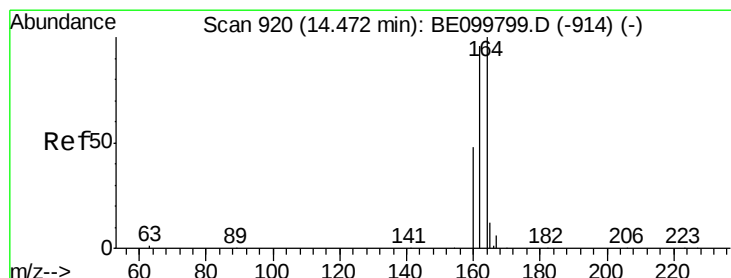
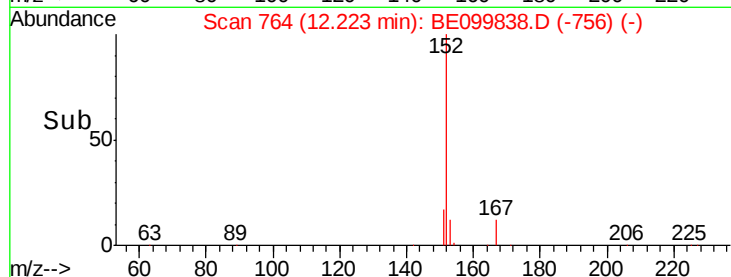
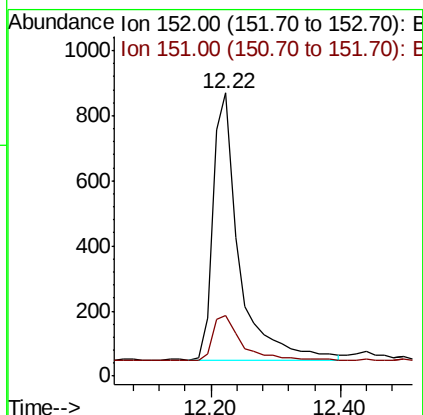
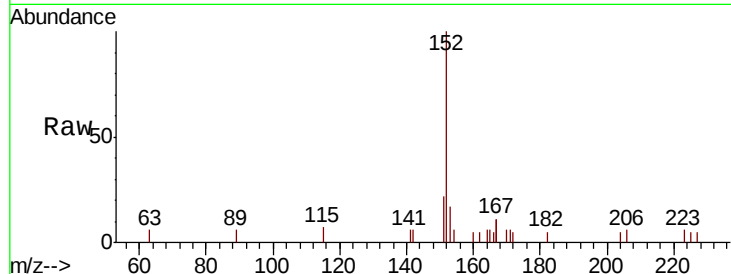




#11
 2-Methylnaphthalene-d10
 Concen: 0.364 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BE099838.D
 Acq: 7 Jun 2019 1:01

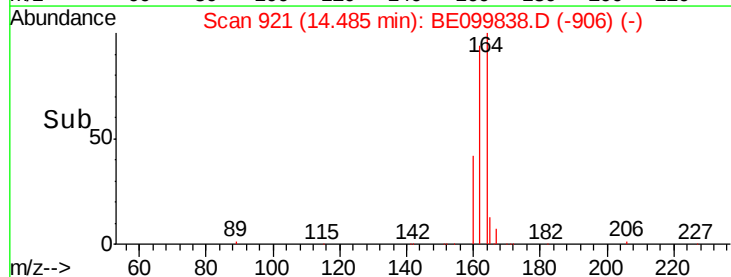
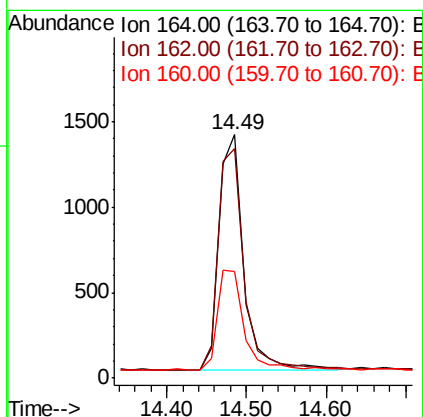
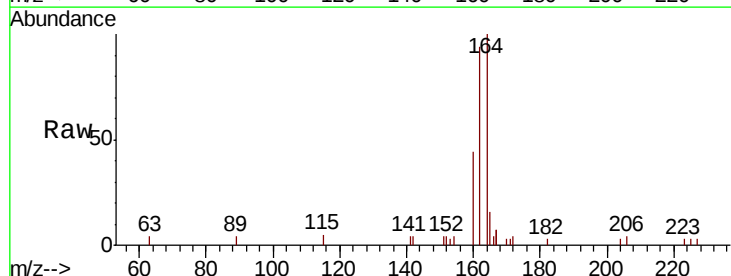
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307I-20190604

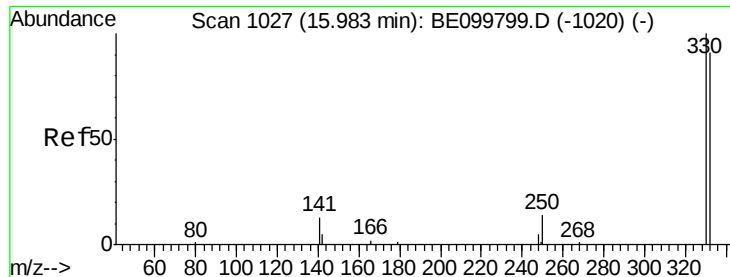
Tgt Ion:152 Resp: 2311
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.8 23.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE099838.D
 Acq: 7 Jun 2019 1:01

Tgt Ion:164 Resp: 2941
 Ion Ratio Lower Upper
 164 100
 162 94.2 77.2 115.8
 160 44.0 39.4 59.2

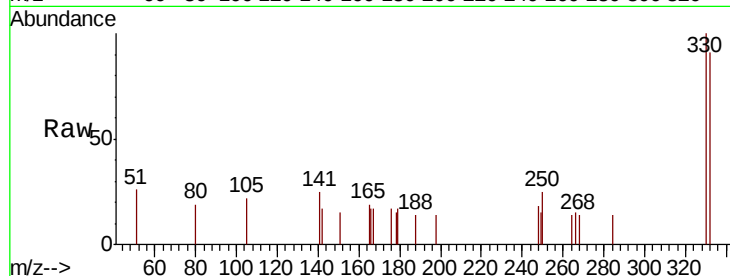




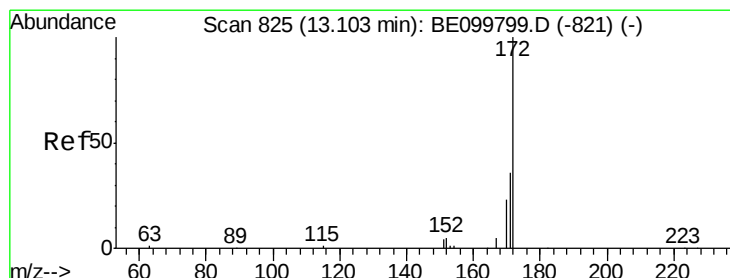
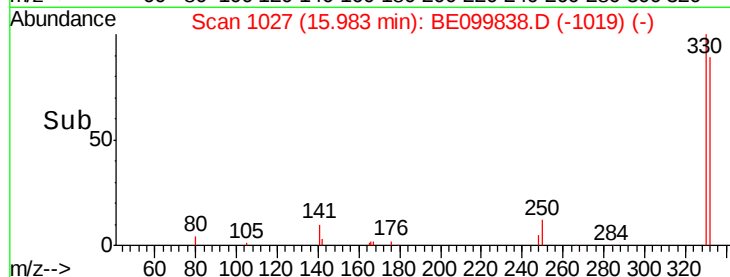
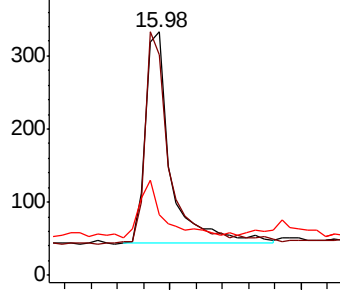
#14
 2,4,6-Tribromophenol
 Concen: 0.467 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099838.D
 Acq: 7 Jun 2019 1:01

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307I-20190604

Tgt Ion:330 Resp: 750
 Ion Ratio Lower Upper
 330 100
 332 95.7 74.9 112.3
 141 26.1 16.0 24.0#

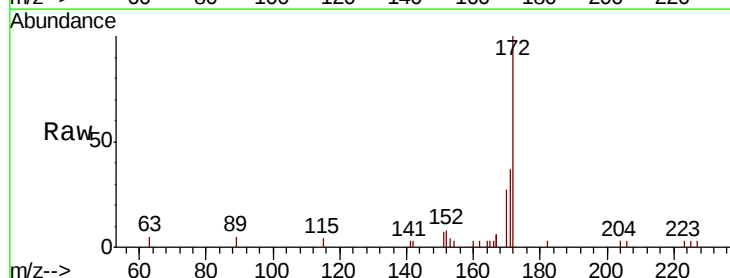


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

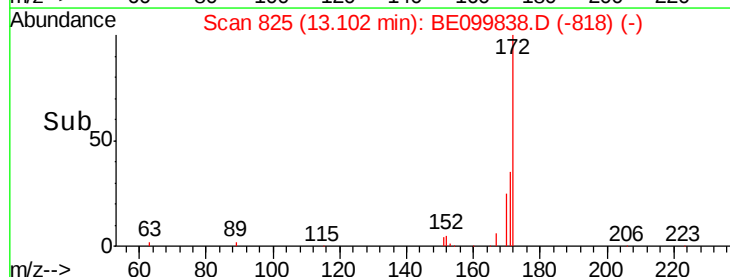
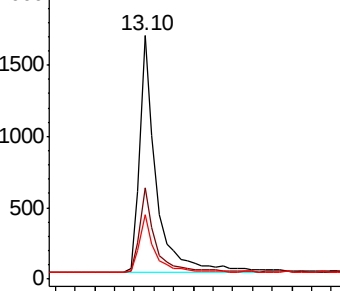


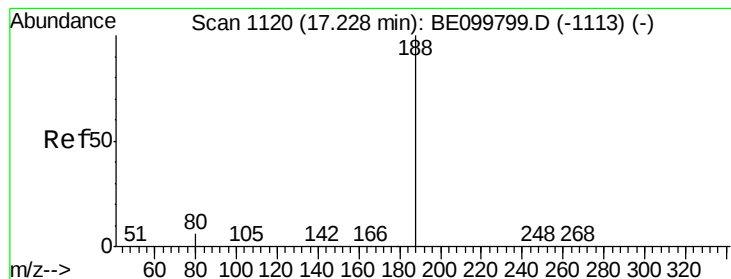
#15
 2-Fluorobiphenyl
 Concen: 0.359 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099838.D
 Acq: 7 Jun 2019 1:01

Tgt Ion:172 Resp: 3928
 Ion Ratio Lower Upper
 172 100
 171 37.3 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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099838.D

Acq: 7 Jun 2019 1:01

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20190604

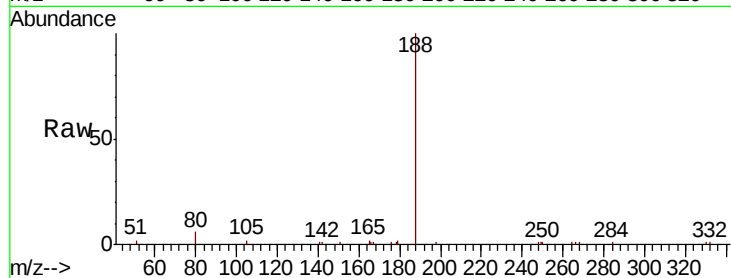
Tgt Ion:188 Resp: 10478

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

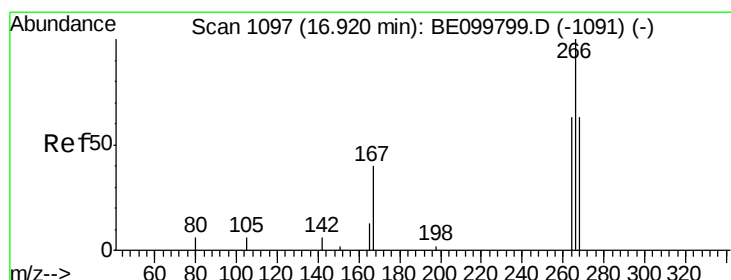
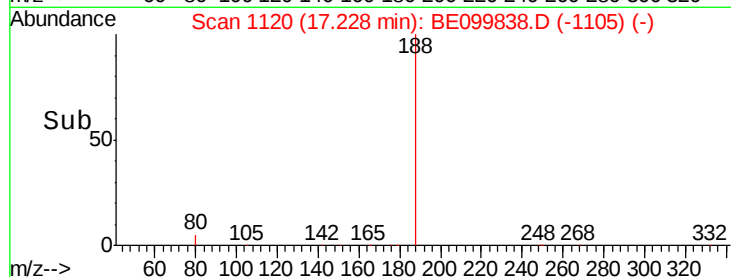
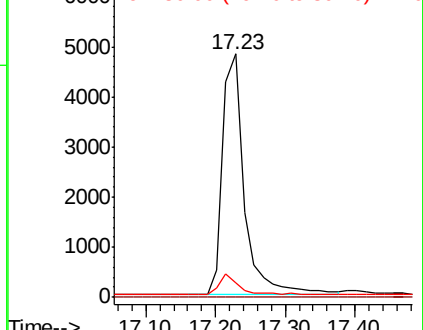
80 6.0 5.2 7.8



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



#22

Pentachlorophenol

Concen: 0.284 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BE099838.D

Acq: 7 Jun 2019 1:01

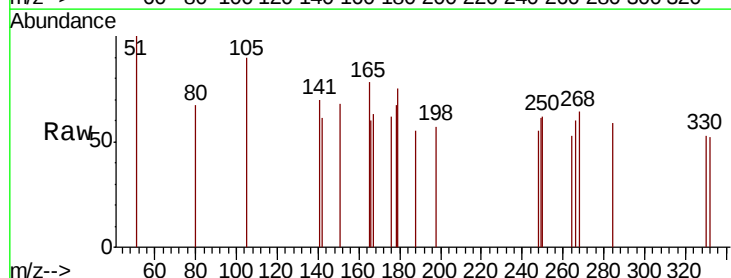
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 88.5 64.9 97.3

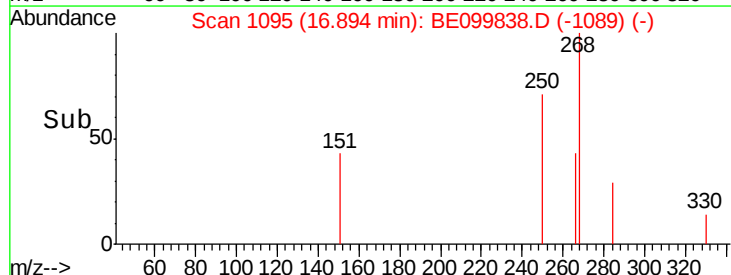
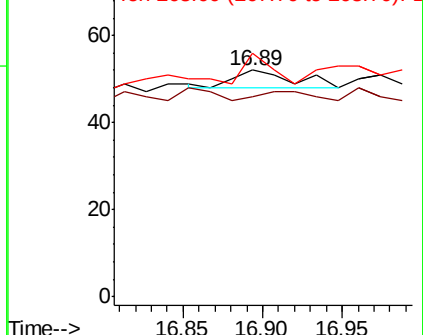
268 107.7 64.0 96.0#

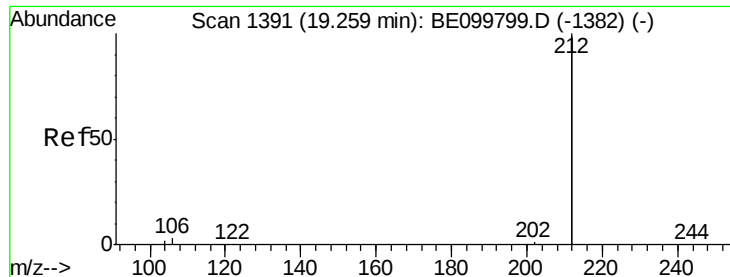


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.419 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099838.D

Acq: 7 Jun 2019 1:01

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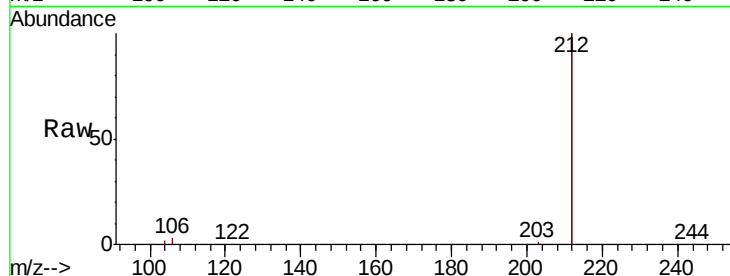
Tgt Ion:212 Resp: 65295

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

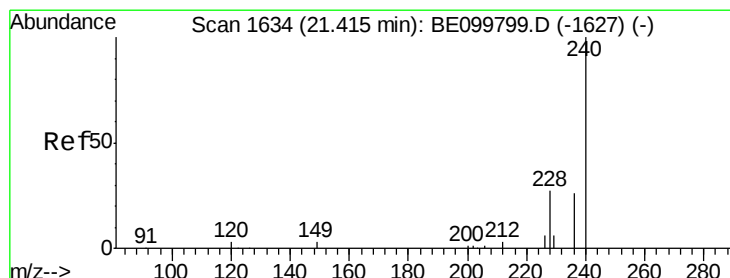
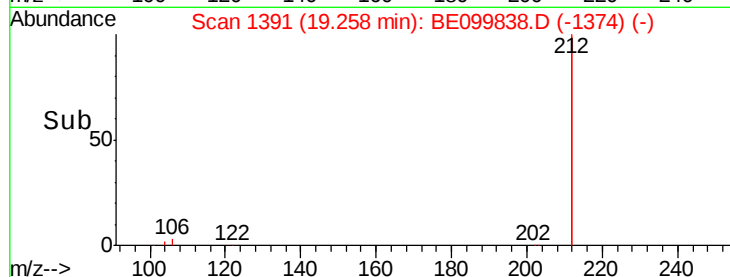
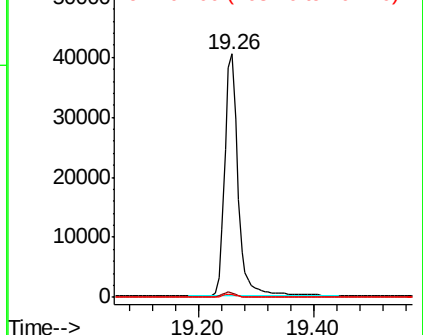
104 1.0 0.8 1.2



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: BE099838.D

Acq: 7 Jun 2019 1:01

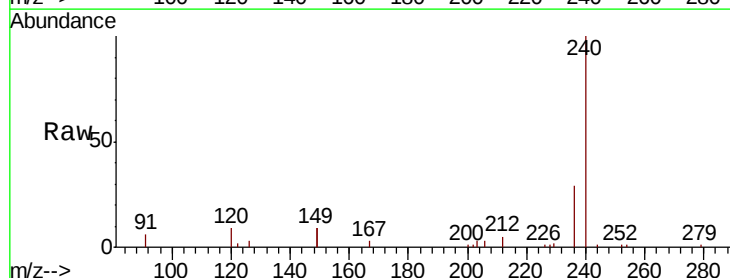
Tgt Ion:240 Resp: 17677

Ion Ratio Lower Upper

240 100

120 8.9 2.8 4.2#

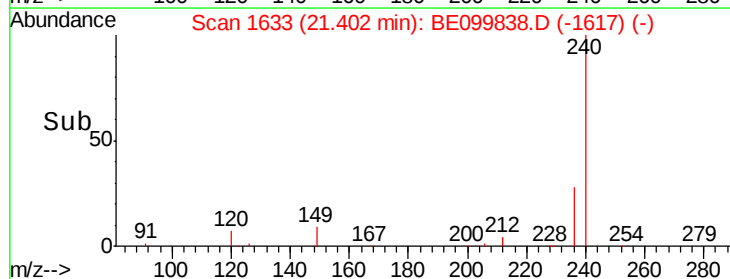
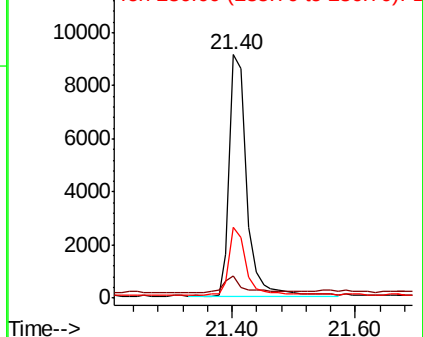
236 29.1 20.9 31.3

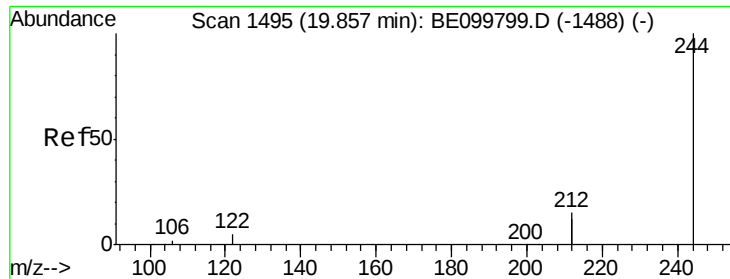


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.576 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099838.D

Acq: 7 Jun 2019 1:01

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20190604

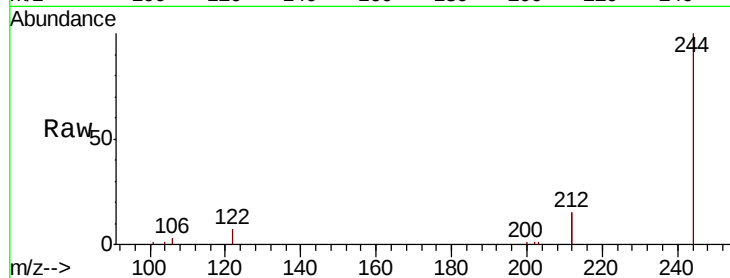
Tgt Ion:244 Resp: 16705

Ion Ratio Lower Upper

244 100

212 29.3 23.7 35.5

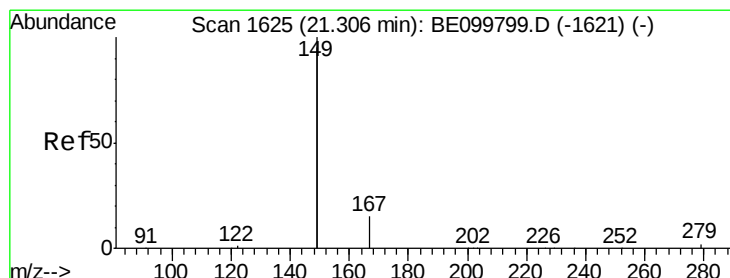
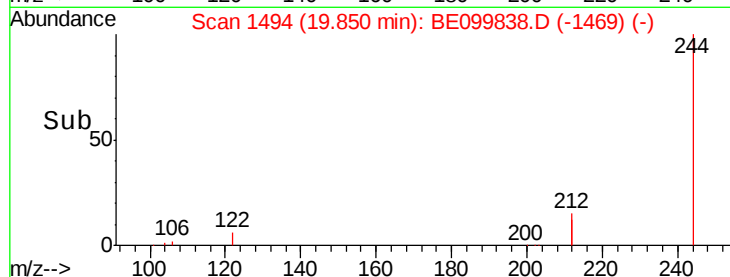
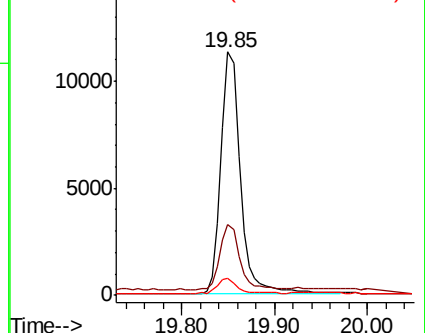
122 6.9 4.8 7.2



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: 3.488 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099838.D

Acq: 7 Jun 2019 1:01

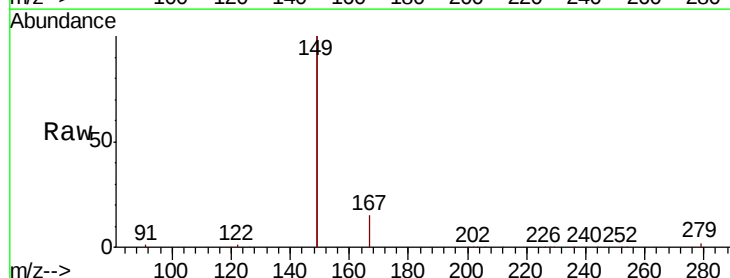
Tgt Ion:149 Resp: 195550

Ion Ratio Lower Upper

149 100

167 7.5 6.0 9.0

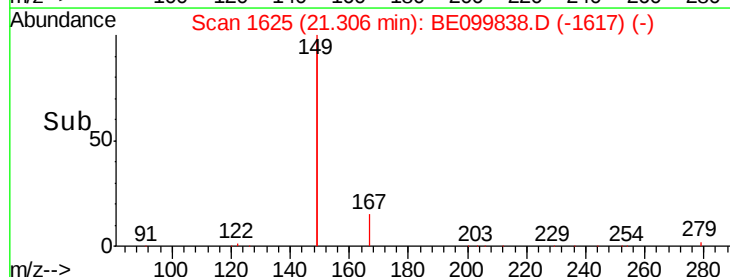
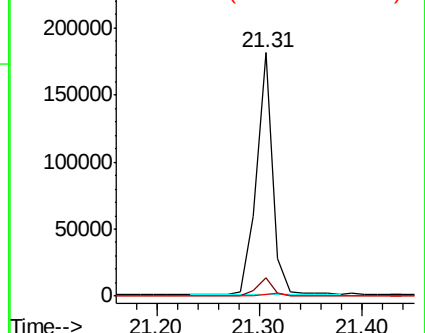
279 1.4 1.2 1.8

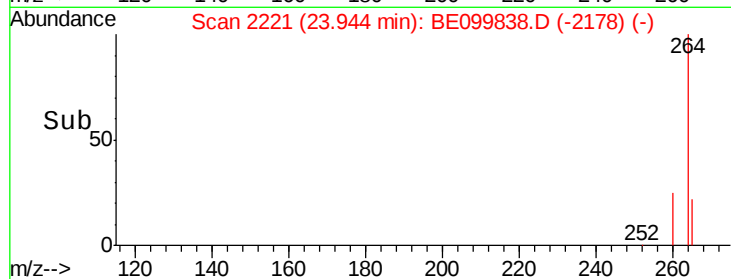
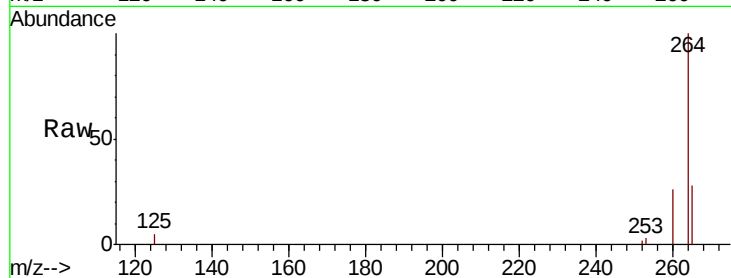
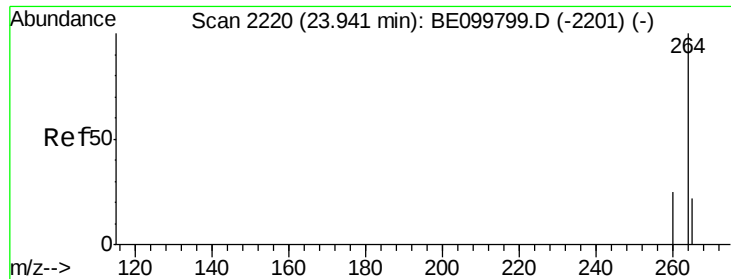


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BE099838.D

Acq: 7 Jun 2019 1:01

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20190604

Tgt Ion: 264 Resp: 20313

Ion Ratio Lower Upper

264 100

260 26.2 20.0 30.0

265 28.1 20.7 31.1

