

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099861.D
 Acq On : 7 Jun 2019 20:16
 Operator : JU/SJ
 Sample : K3221-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314I-20190605

Quant Time: Jun 08 04:57:34 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

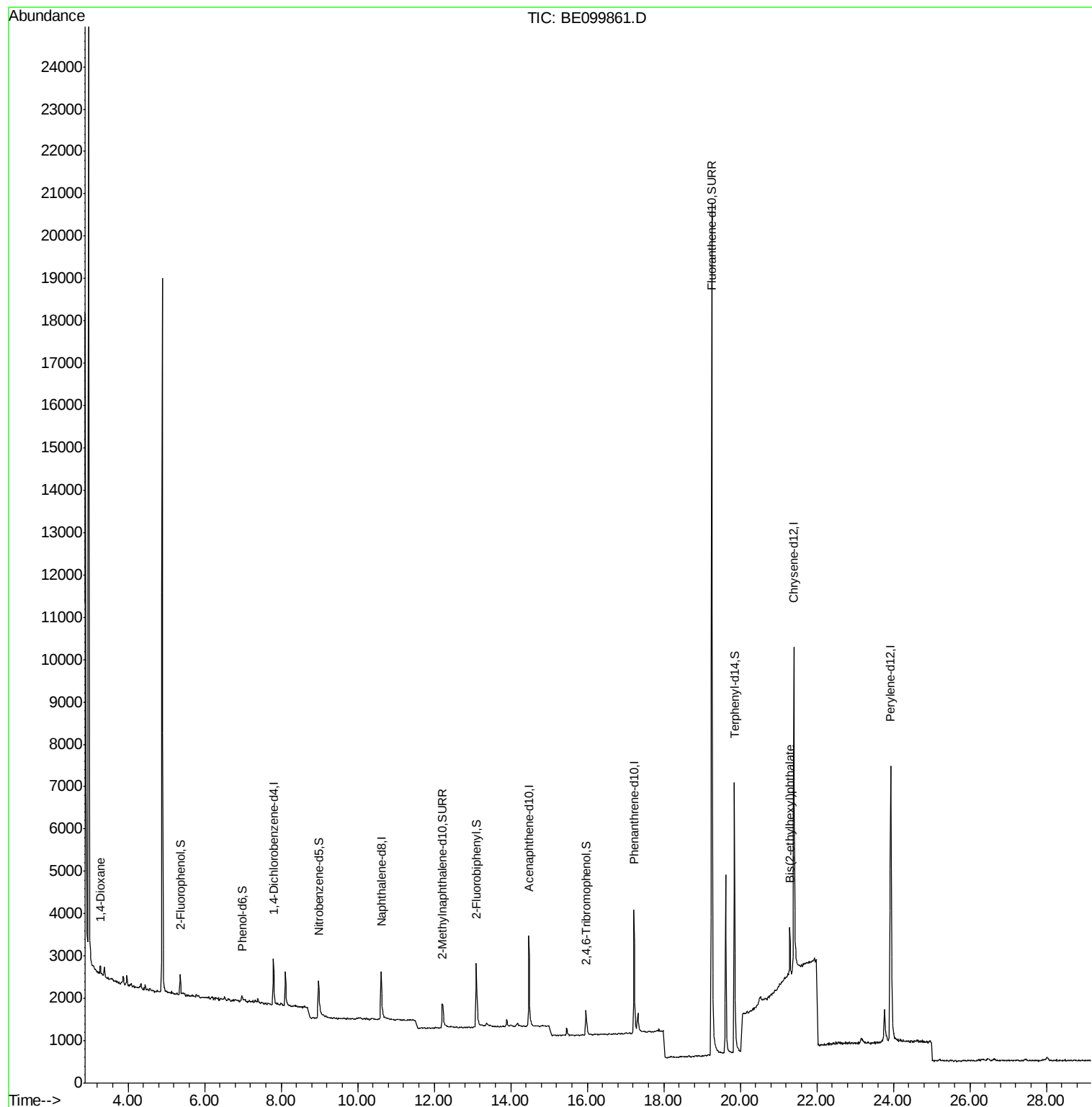
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	641	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2167	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1654	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5372	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9761	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11548	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	316	0.15	ng	0.00
5) Phenol-d6	6.98	99	261	0.10	ng	0.01
8) Nitrobenzene-d5	8.98	82	755	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1285	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	549	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2196	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	32180	0.39	ng	0.00
29) Terphenyl-d14	19.85	244	7531	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	160	0.164	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.29	149	1577	0.031	ng	# 98

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

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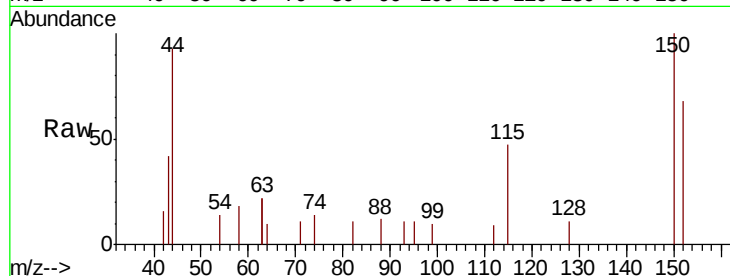


#1

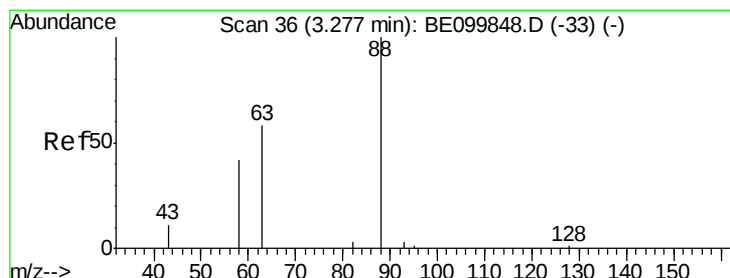
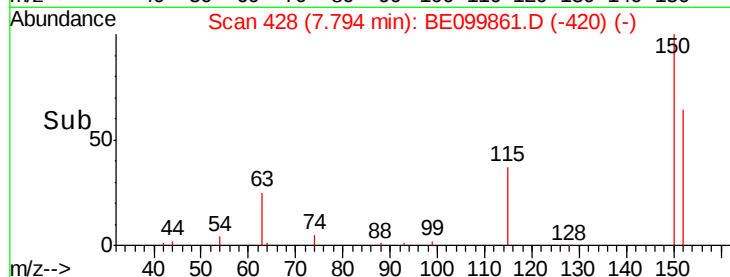
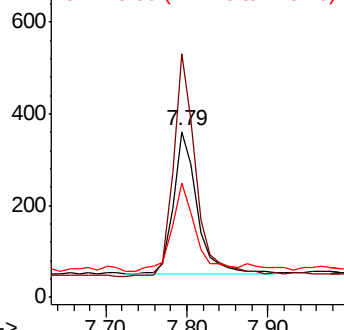
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099861.D
Acq: 7 Jun 2019 20:16

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW314I-20190605

Tot Ion:152 Resp: 641
Ion Ratio Lower Upper
152 100
150 147.1 112.8 169.2
115 68.7 47.6 71.4



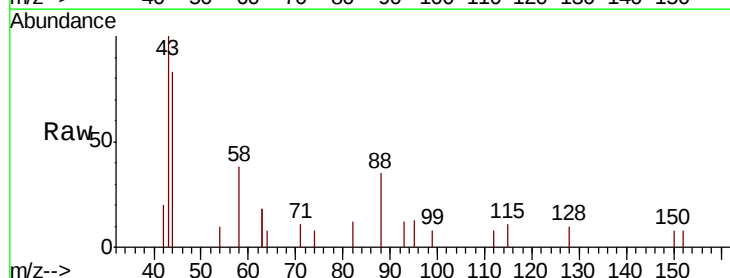
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



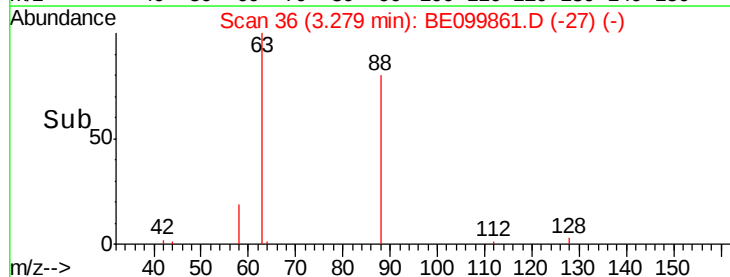
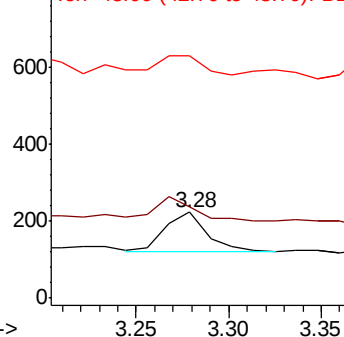
#2

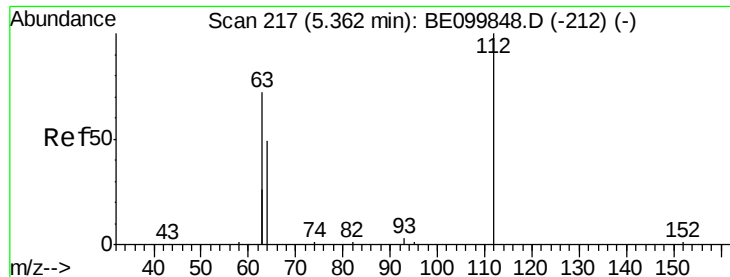
1,4-Dioxane
Concen: 0.164 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099861.D
Acq: 7 Jun 2019 20:16

Tgt Ion: 88 Resp: 160
Ion Ratio Lower Upper
88 100
58 60.6 47.3 70.9
43 54.4 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: 0.147 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099861.D

Acq: 7 Jun 2019 20:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314I-20190605

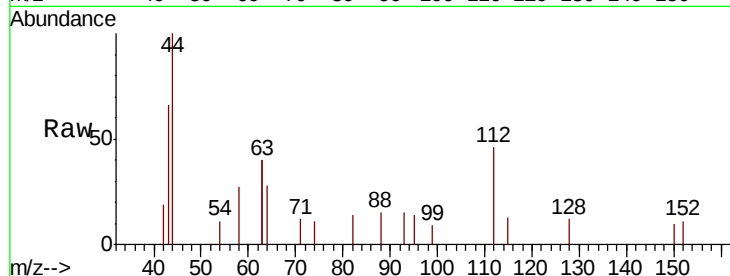
Tot Ion: 112 Resp: 316

Ion Ratio Lower Upper

112 100

64 58.2 47.2 70.8

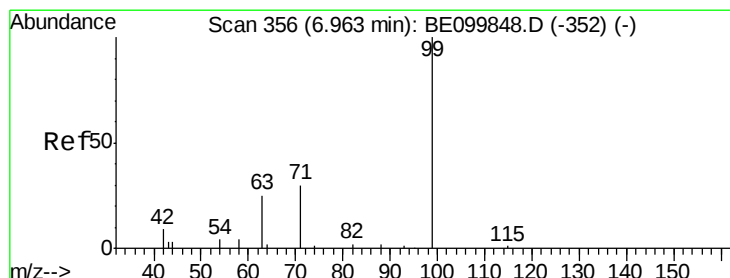
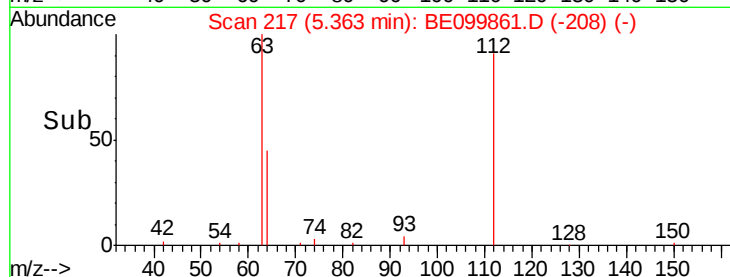
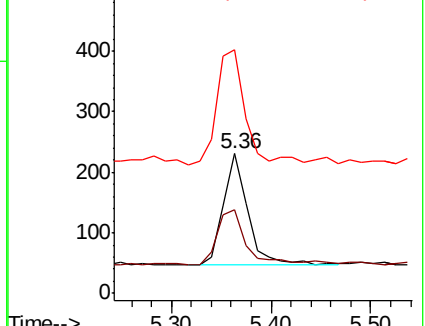
63 119.9 90.7 136.1



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



#5

Phenol-d6

Concen: 0.099 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099861.D

Acq: 7 Jun 2019 20:16

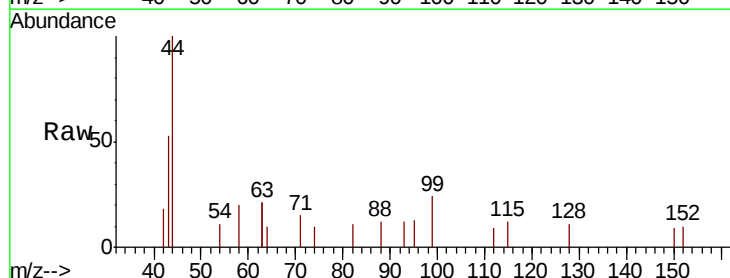
Tgt Ion: 99 Resp: 261

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

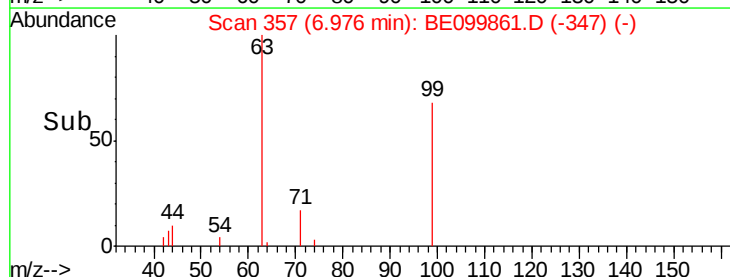
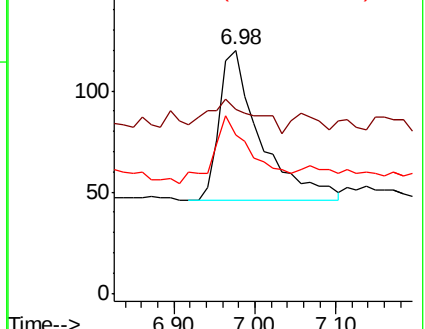
71 35.6 26.1 39.1

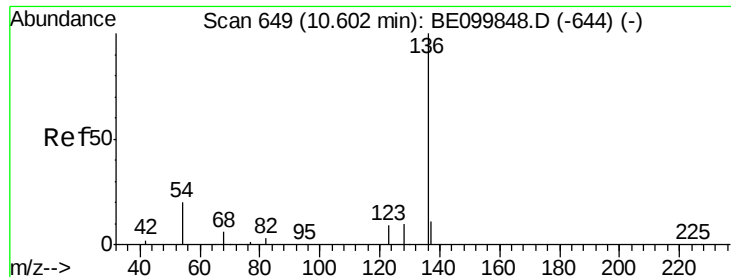


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099861.D

Acq: 7 Jun 2019 20:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314I-20190605

Tot Ion:136 Resp: 2167

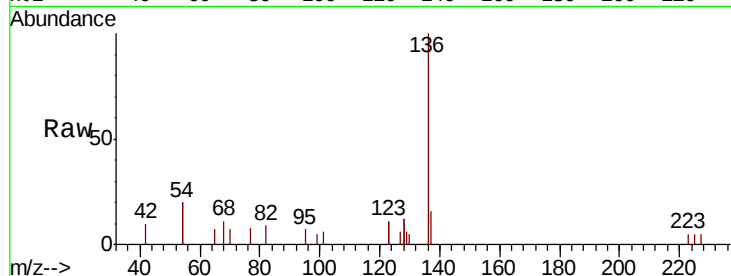
Ion Ratio Lower Upper

136 100

137 15.8 11.1 16.7

54 39.2 17.9 26.9#

68 10.8 5.4 8.0#

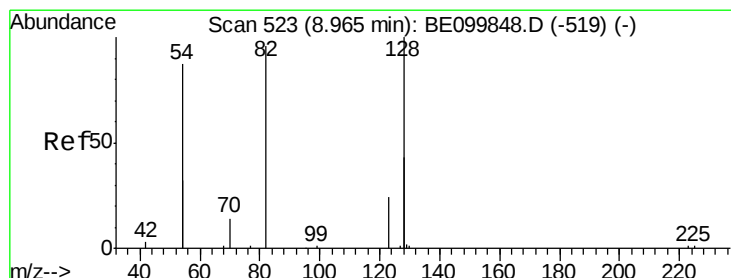
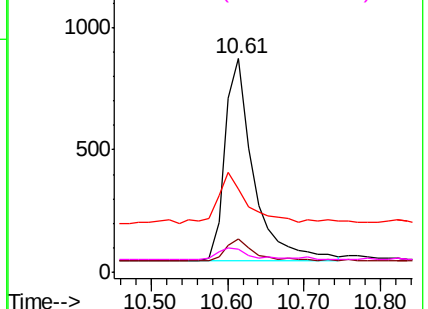
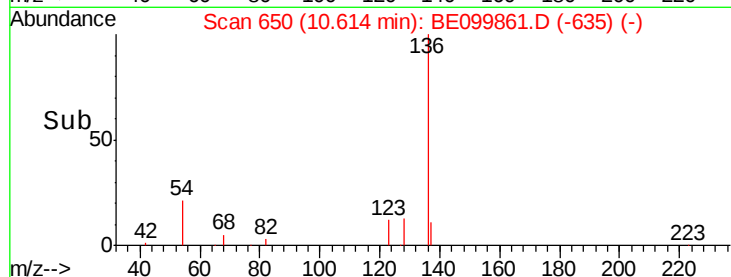


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.345 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099861.D

Acq: 7 Jun 2019 20:16

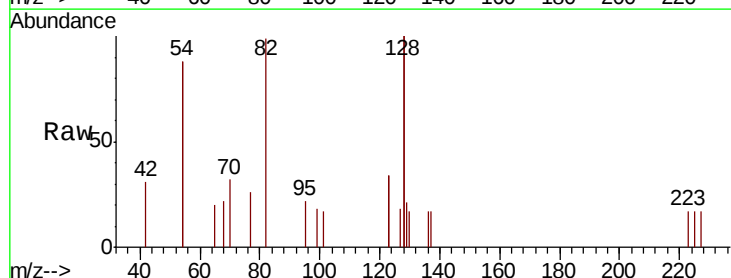
Tgt Ion: 82 Resp: 755

Ion Ratio Lower Upper

82 100

128 202.2 116.6 175.0#

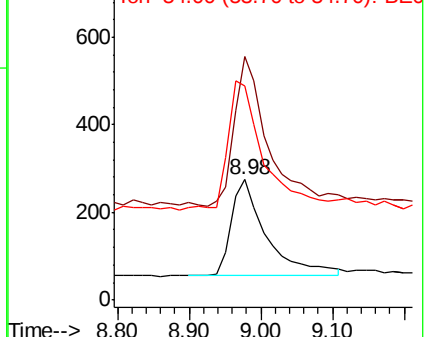
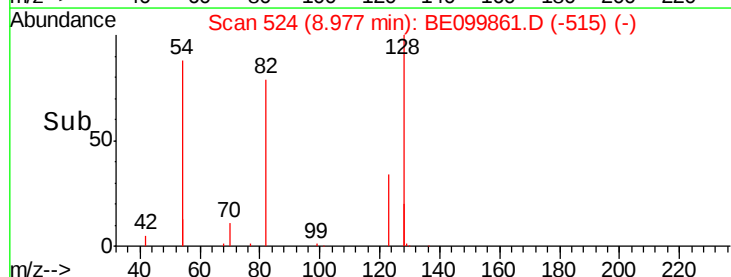
54 178.2 136.2 204.4

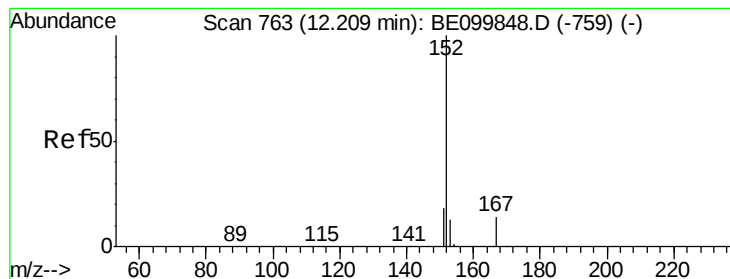


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099861.D

Acq: 7 Jun 2019 20:16

Instrument :

BNA_E

ClientSampleId :

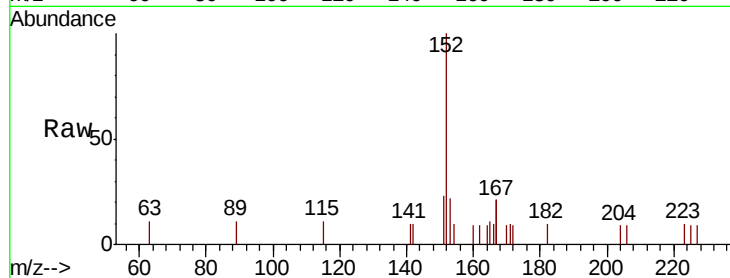
BPS1-TT-MW314I-20190605

Tot Ion:152 Resp: 1285

Ion Ratio Lower Upper

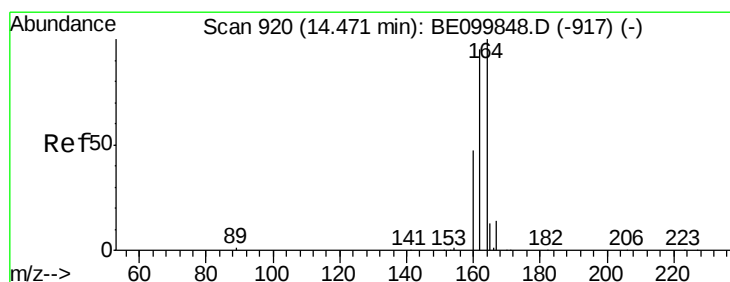
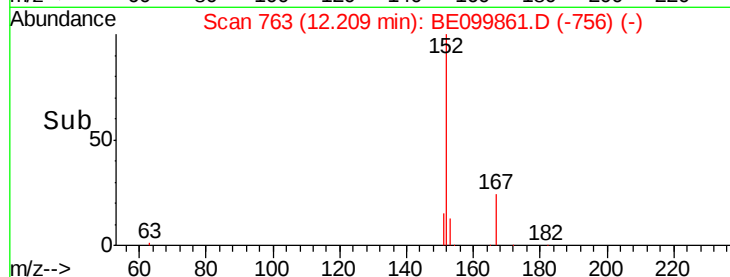
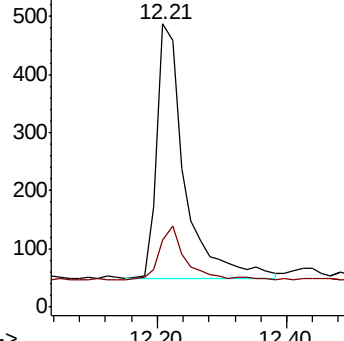
152 100

151 20.9 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE099861.D

Acq: 7 Jun 2019 20:16

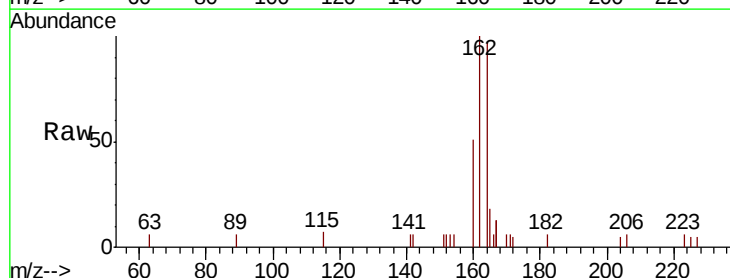
Tgt Ion:164 Resp: 1654

Ion Ratio Lower Upper

164 100

162 102.9 77.2 115.8

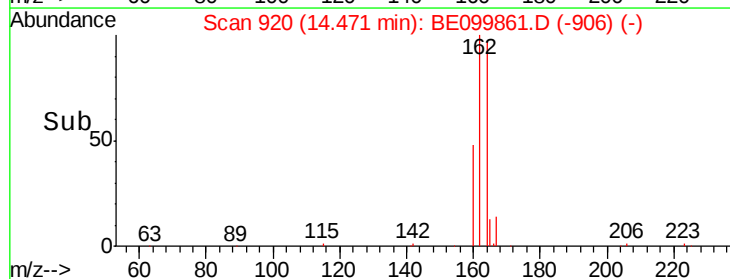
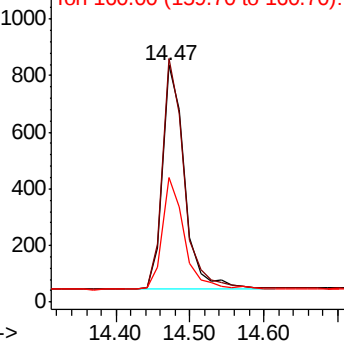
160 52.5 39.4 59.2

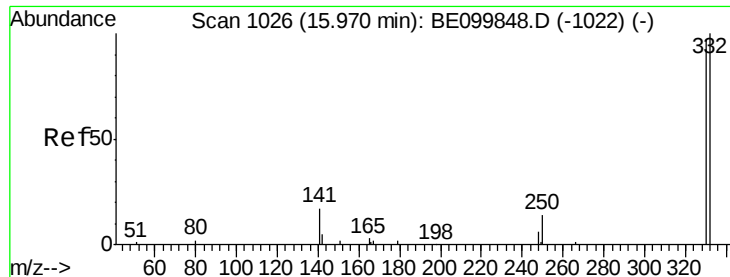


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

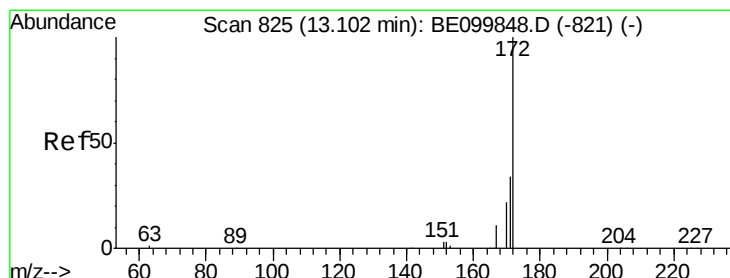
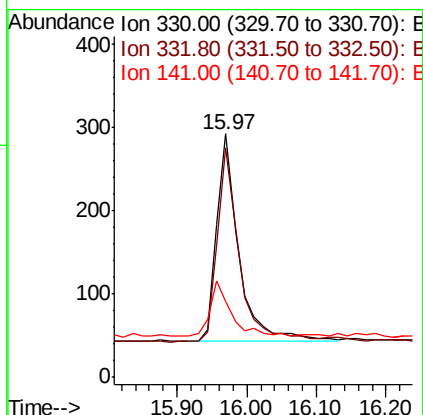
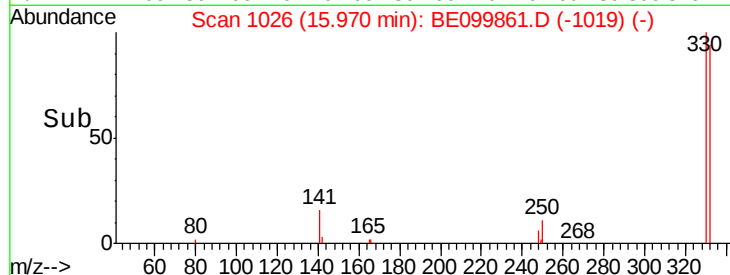
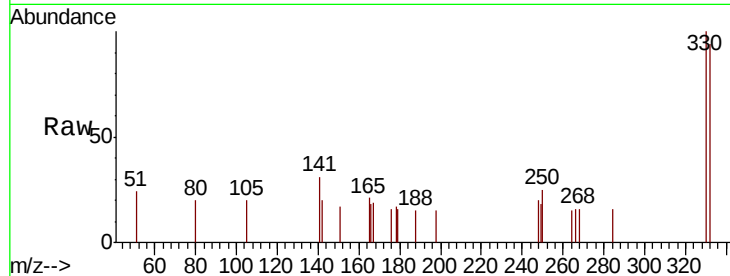




#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099861.D
Acq: 7 Jun 2019 20:16

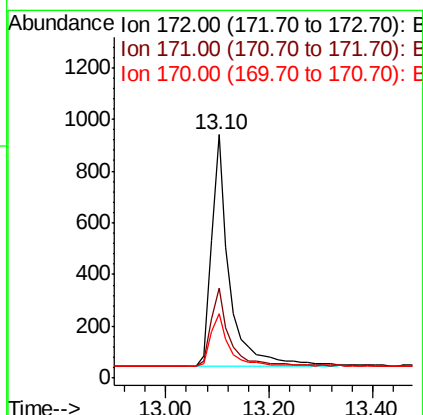
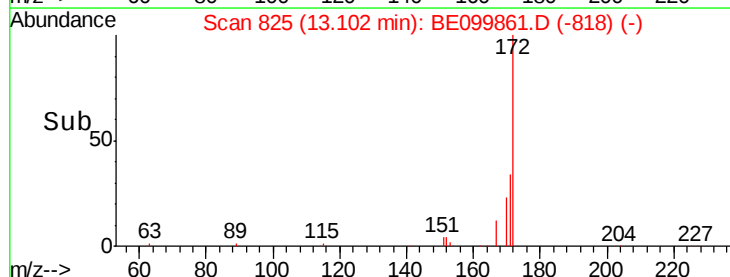
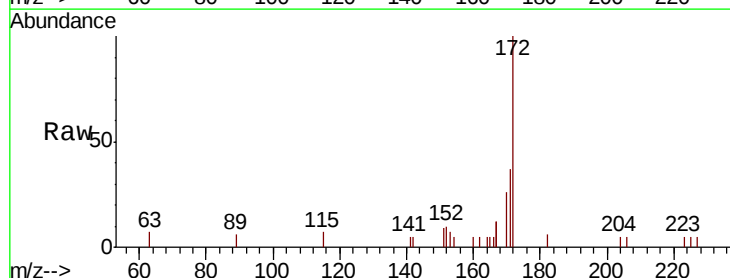
Instrument :
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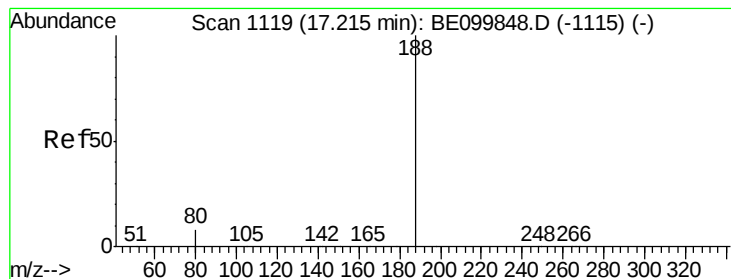
Tot Ion:330 Resp: 549
Ion Ratio Lower Upper
330 100
332 91.6 74.9 112.3
141 26.4 16.0 24.0#



#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099861.D
Acq: 7 Jun 2019 20:16

Tgt Ion:172 Resp: 2196
Ion Ratio Lower Upper
172 100
171 37.0 30.2 45.4
170 26.4 20.1 30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099861.D

Acq: 7 Jun 2019 20:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314I-20190605

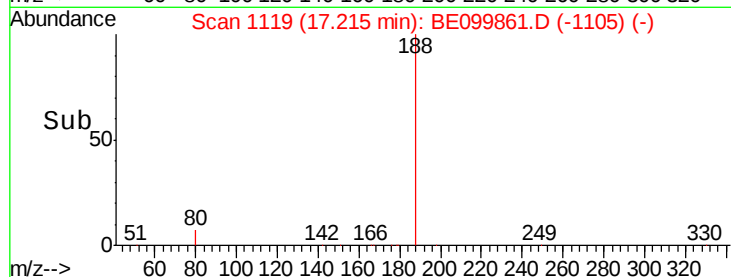
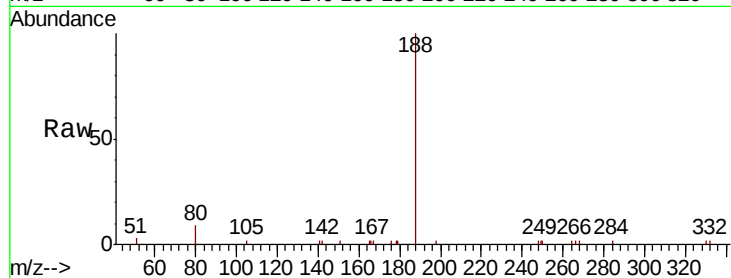
Tot Ion:188 Resp: 5372

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

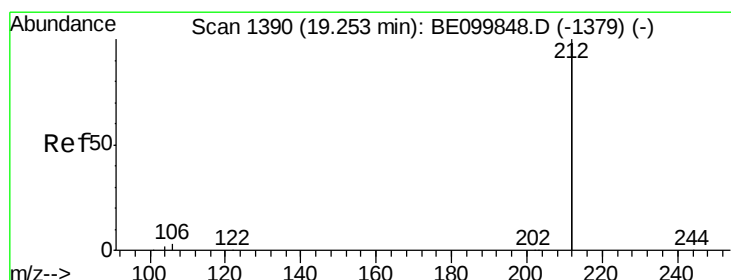
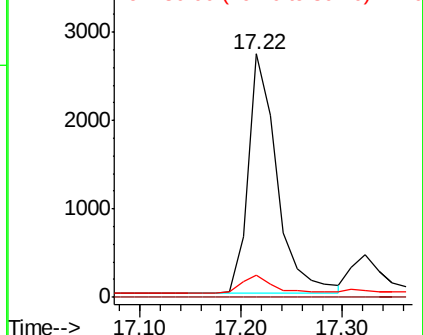
80 9.0 5.2 7.8#



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



#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099861.D

Acq: 7 Jun 2019 20:16

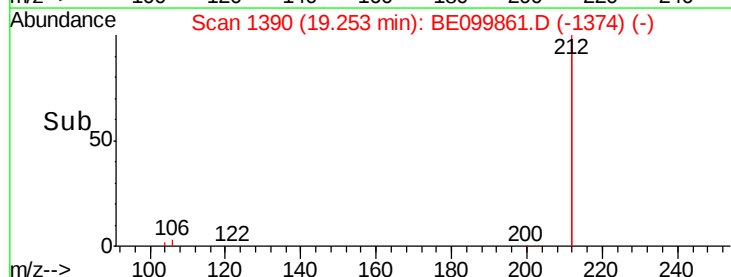
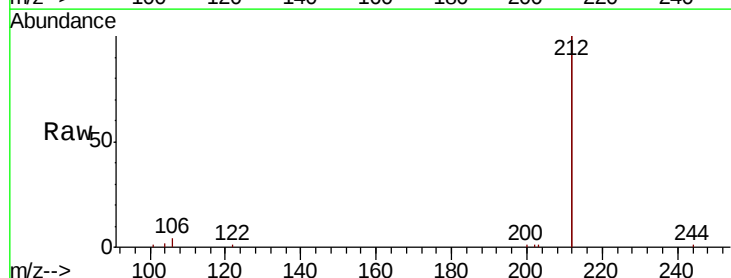
Tgt Ion:212 Resp: 32180

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

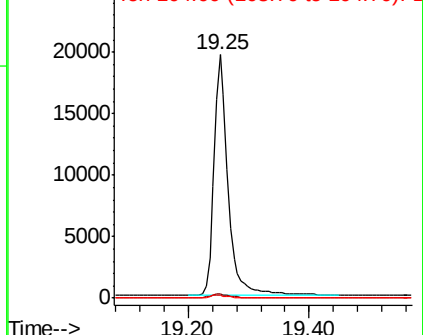
104 0.9 0.8 1.2

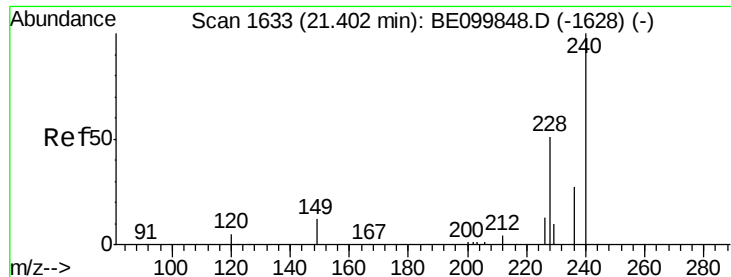


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE099861.D

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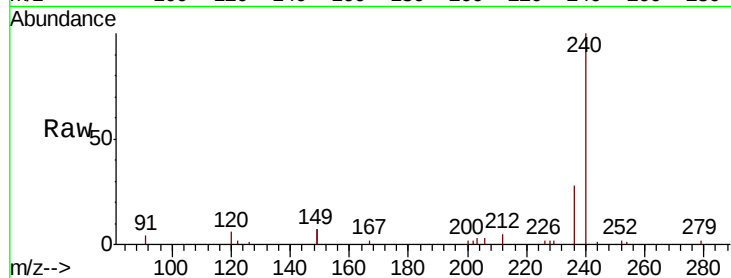
Tot Ion:240 Resp: 9761

Ion Ratio Lower Upper

240 100

120 5.5 2.8 4.2#

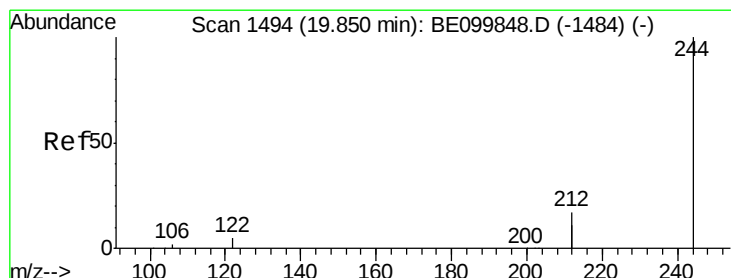
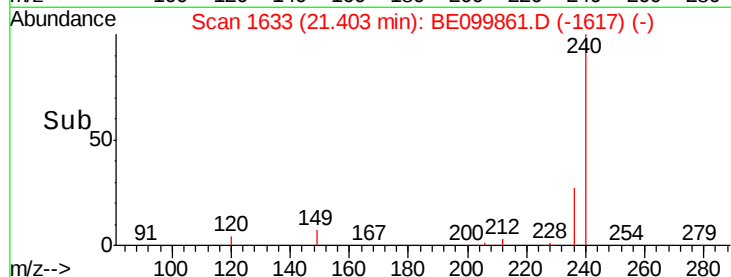
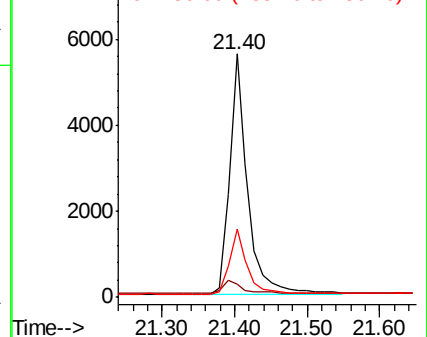
236 27.9 20.9 31.3



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: 0.414 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099861.D

Acq: 7 Jun 2019 20:16

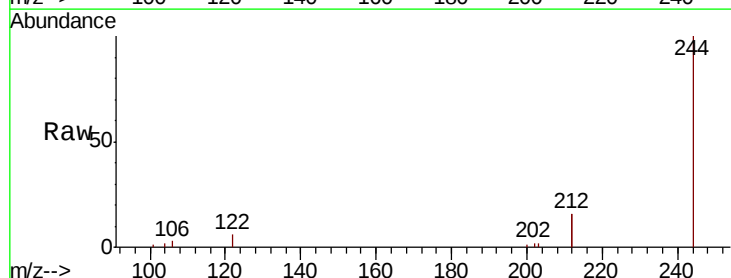
Tgt Ion:244 Resp: 7531

Ion Ratio Lower Upper

244 100

212 31.1 23.7 35.5

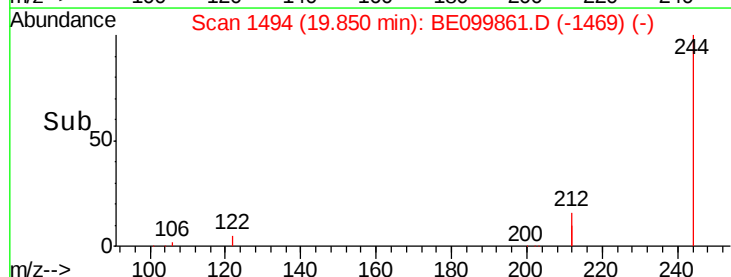
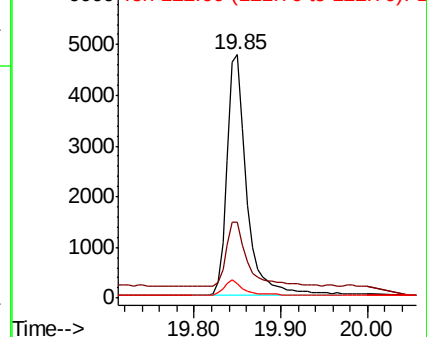
122 6.2 4.8 7.2

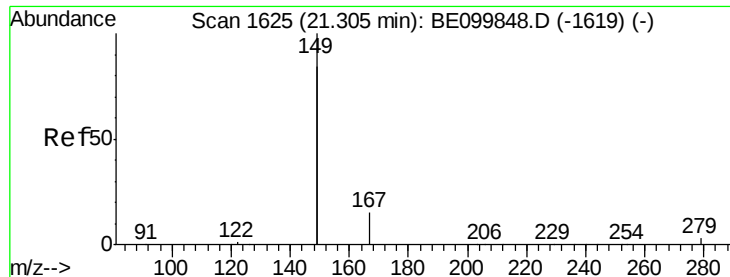


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.031 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099861.D

Acq: 7 Jun 2019 20:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314I-20190605

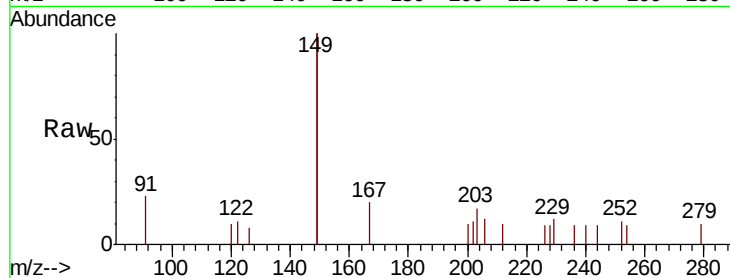
Tot Ion:149 Resp: 1577

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

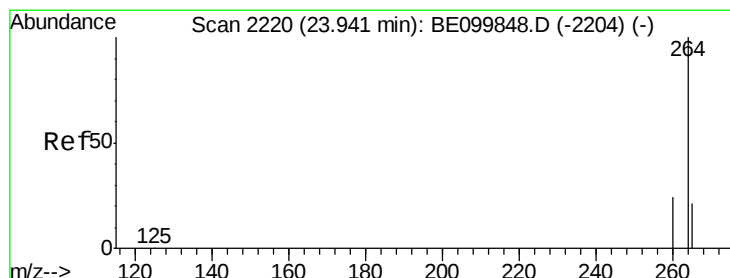
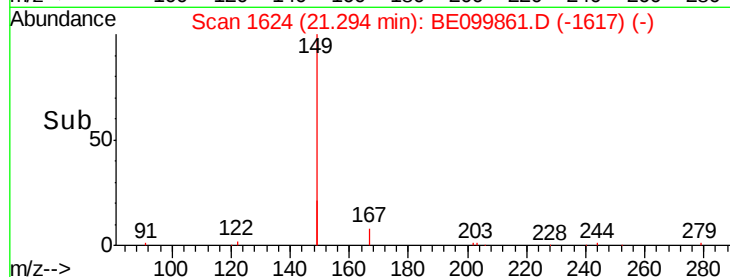
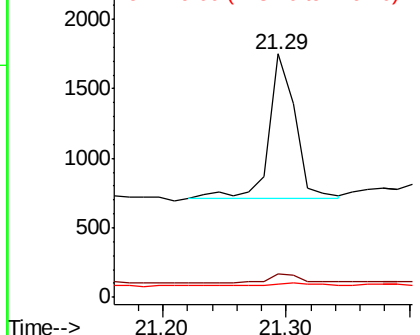
279 3.9 1.2 1.8#



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: 23.93 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BE099861.D

Acq: 7 Jun 2019 20:16

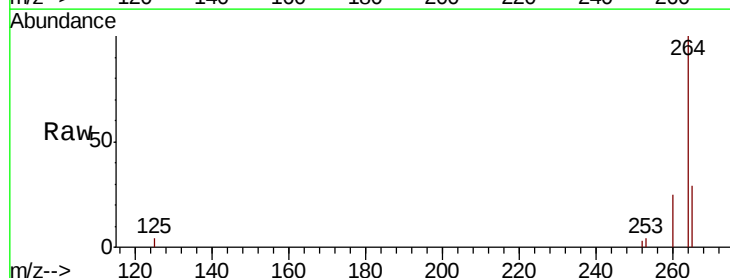
Tgt Ion:264 Resp: 11548

Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

265 28.7 20.7 31.1



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

