

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061319\
 Data File : BE100007.D
 Acq On : 14 Jun 2019 1:36
 Operator : JU/SJ
 Sample : K3284-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW308I-20190609

Quant Time: Jun 14 04:40:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

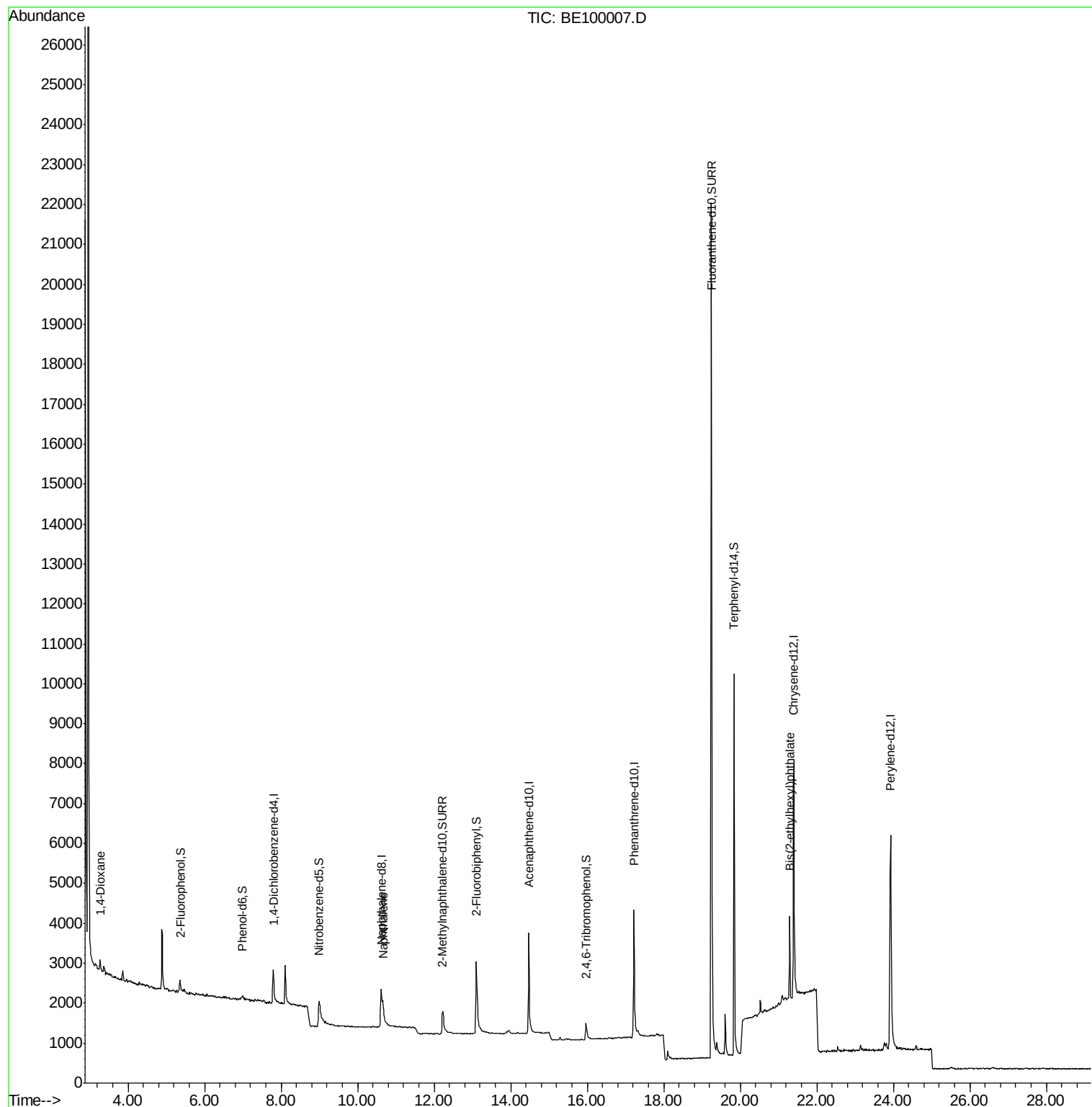
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	647	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2317	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1971	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6057	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8741	0.40	ng	0.00
34) Perylene-d12	23.93	264	9896	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	258	0.15	ng	0.00
5) Phenol-d6	6.99	99	202	0.09	ng	0.02
8) Nitrobenzene-d5	8.99	82	837	0.38	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1555	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	462	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3262	0.44	ng	0.00
25) Fluoranthene-d10	19.24	212	35214	0.40	ng	-0.01
29) Terphenyl-d14	19.84	244	9682	0.62	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	192	0.201	ng	# 54
9) Naphthalene	10.67	128	1361	0.054	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.29	149	2317	0.062	ng	# 95

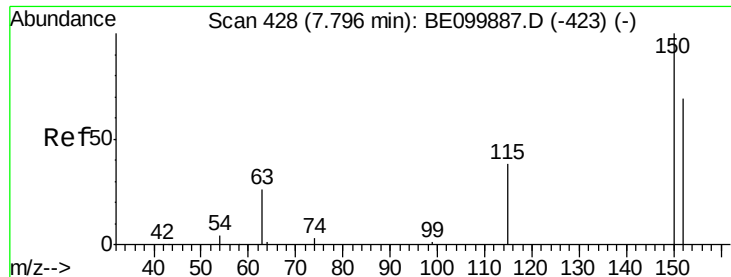
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



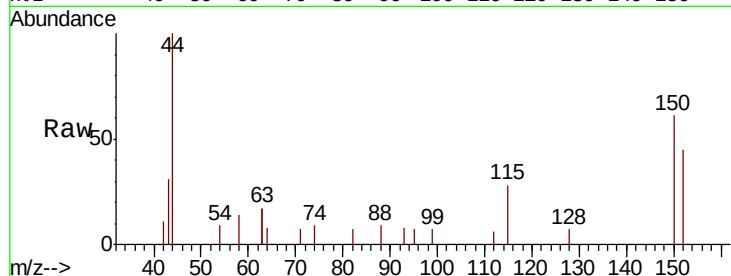


#1

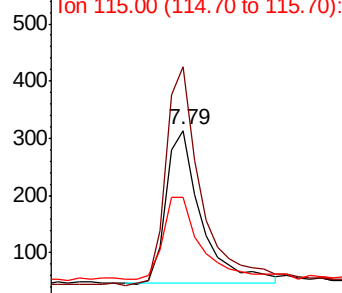
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100007.D
Acq: 14 Jun 2019 1:36

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW308I-20190609

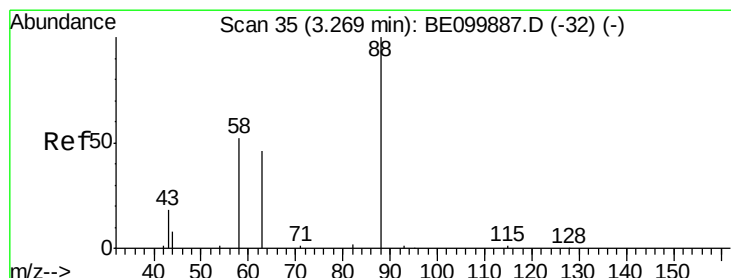
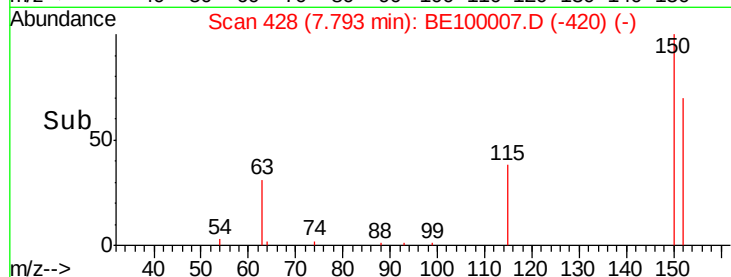
Tot Ion:152 Resp: 647
Ion Ratio Lower Upper
152 100
150 135.4 111.0 166.6
115 62.7 50.7 76.1



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



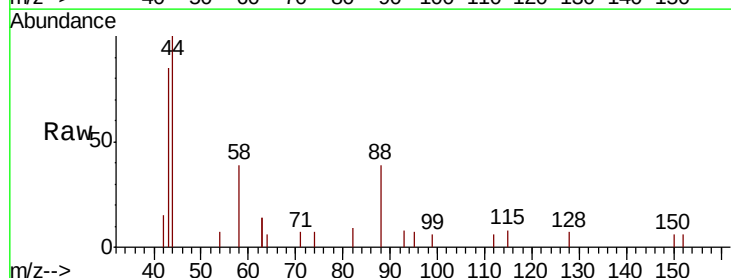
Time-->



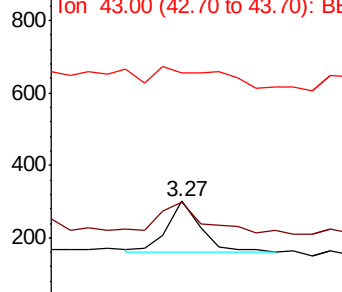
#2

1,4-Dioxane
Concen: 0.201 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100007.D
Acq: 14 Jun 2019 1:36

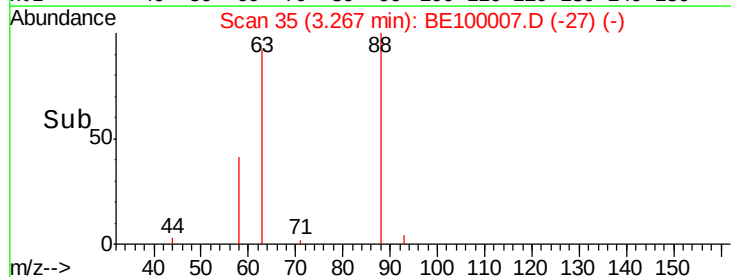
Tgt Ion: 88 Resp: 192
Ion Ratio Lower Upper
88 100
58 77.6 48.8 73.2#
43 77.1 19.0 28.6#

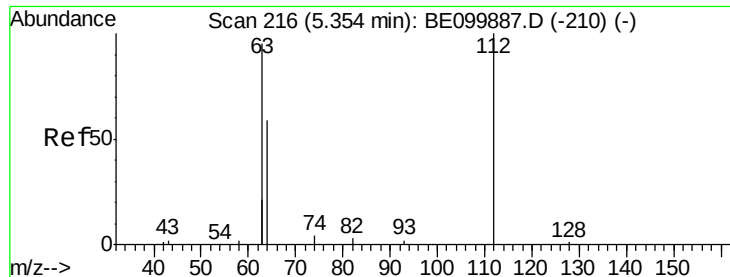


Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1



Time-->





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100007.D

Acq: 14 Jun 2019 1:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW308I-20190609

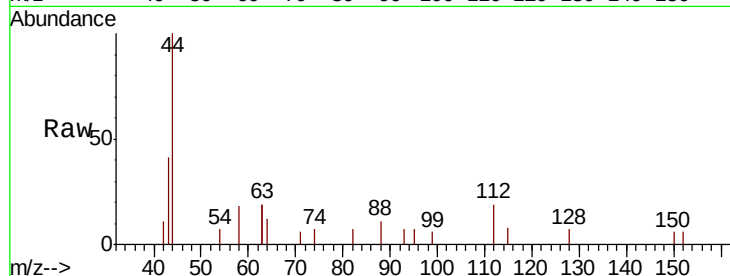
Tot Ion:112 Resp: 258

Ion Ratio Lower Upper

112 100

64 58.5 44.1 66.1

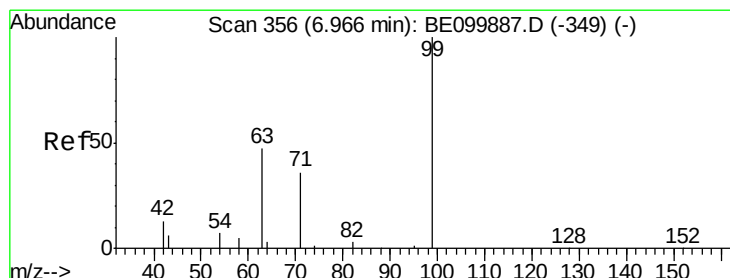
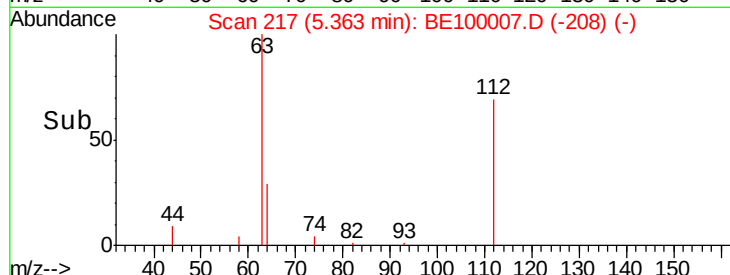
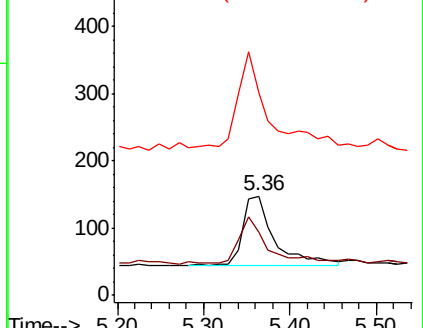
63 134.1 87.8 131.6#



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.090 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE100007.D

Acq: 14 Jun 2019 1:36

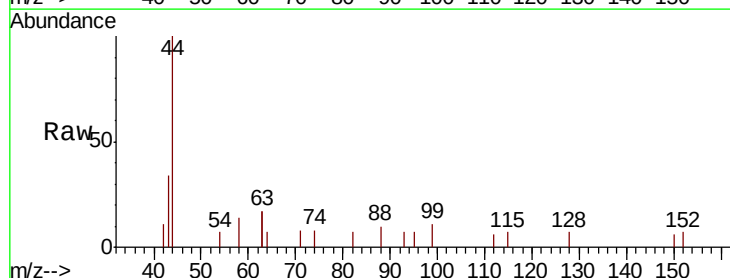
Tgt Ion: 99 Resp: 202

Ion Ratio Lower Upper

99 100

42 13.9 15.9 23.9#

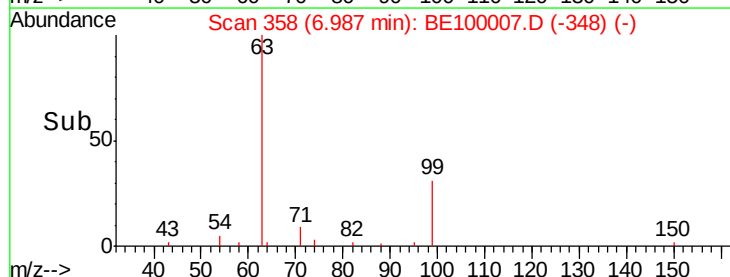
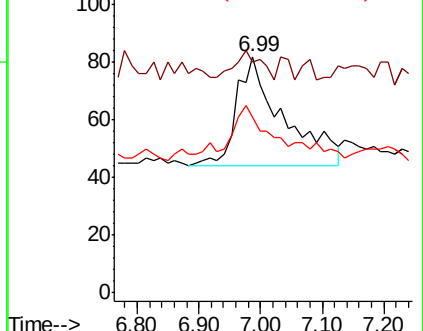
71 43.6 34.6 52.0

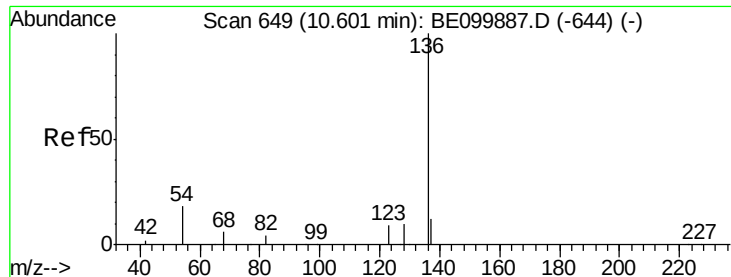


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100007.D

Acq: 14 Jun 2019 1:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW308I-20190609

Tot Ion:136 Resp: 2317

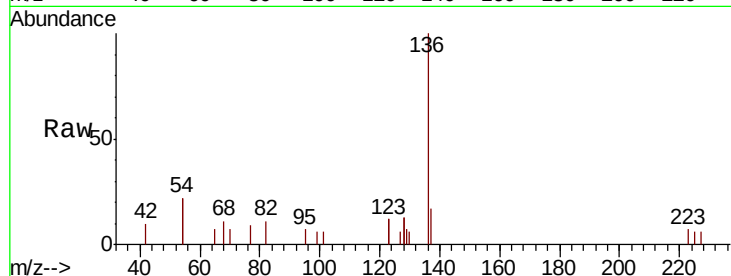
Ion Ratio Lower Upper

136 100

137 16.7 12.3 18.5

54 43.9 28.2 42.4#

68 11.2 7.8 11.8

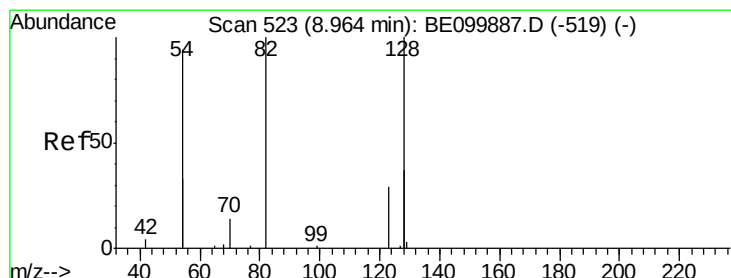
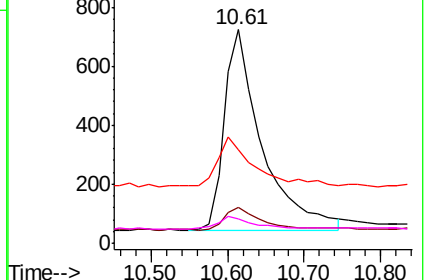
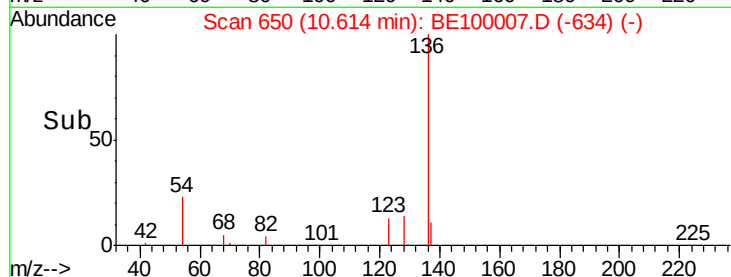


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.382 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE100007.D

Acq: 14 Jun 2019 1:36

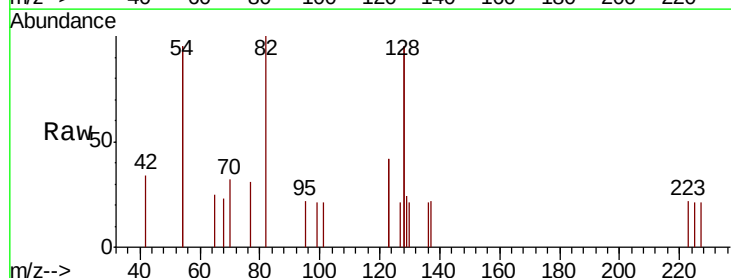
Tgt Ion: 82 Resp: 837

Ion Ratio Lower Upper

82 100

128 189.0 137.3 205.9

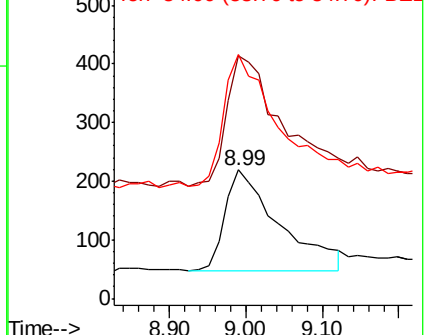
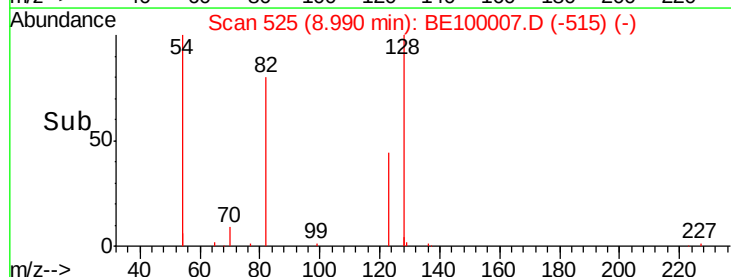
54 190.0 129.7 194.5

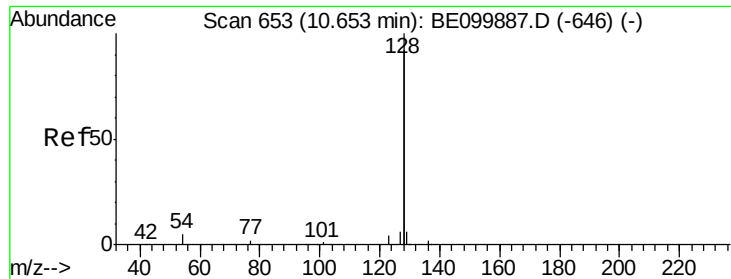


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.054 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE100007.D

Acq: 14 Jun 2019 1:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW308I-20190609

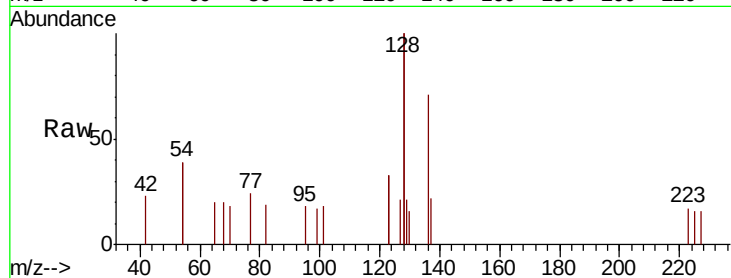
Tot Ion:128 Resp: 1361

Ion Ratio Lower Upper

128 100

129 10.4 3.0 4.6#

127 10.4 3.4 5.0#



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

10.67

600

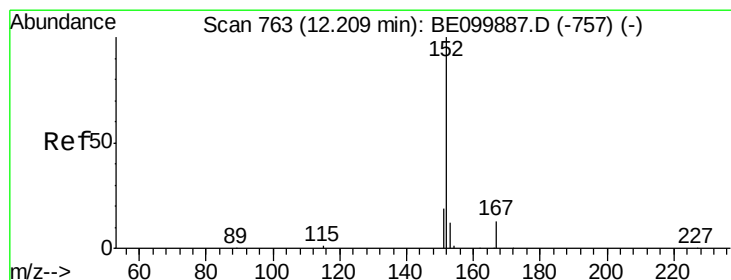
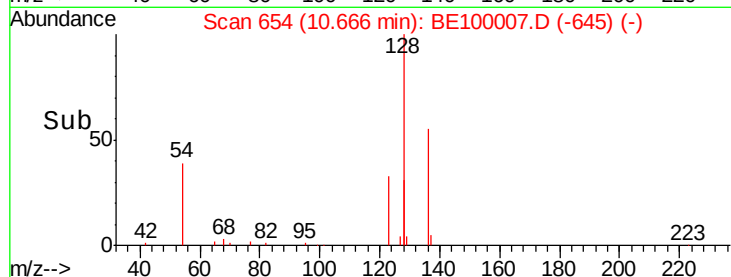
400

200

0

10.60 10.70 10.80

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE100007.D

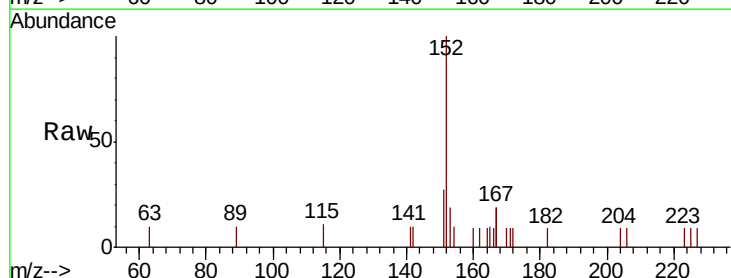
Acq: 14 Jun 2019 1:36

Tgt Ion:152 Resp: 1555

Ion Ratio Lower Upper

152 100

151 19.2 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

500

400

300

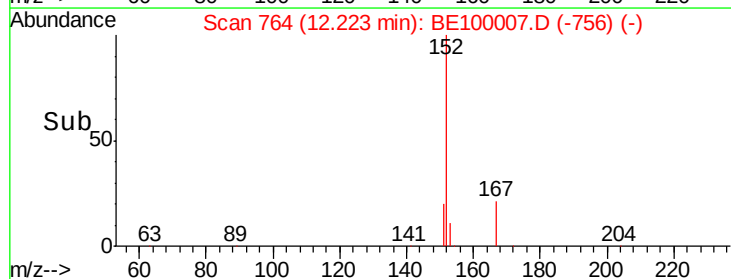
200

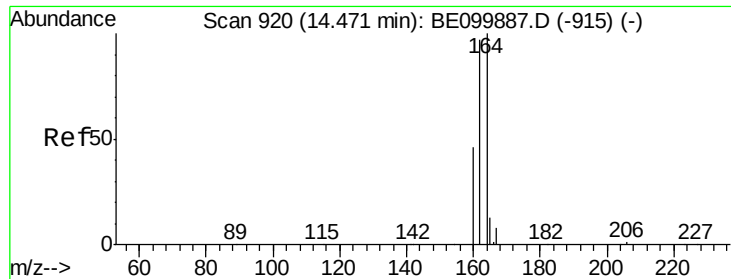
100

0

12.20 12.40

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100007.D

Acq: 14 Jun 2019 1:36

Instrument :

BNA_E

ClientSampleId :

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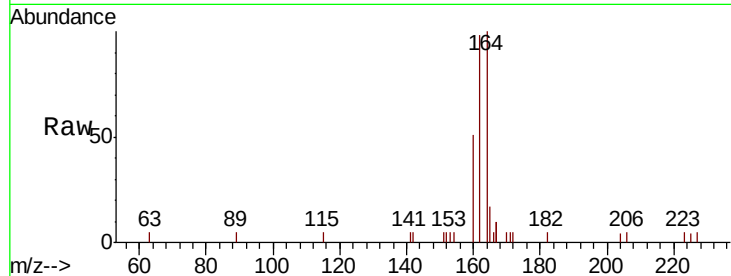
Tot Ion:164 Resp: 1971

Ion Ratio Lower Upper

164 100

162 98.1 77.8 116.8

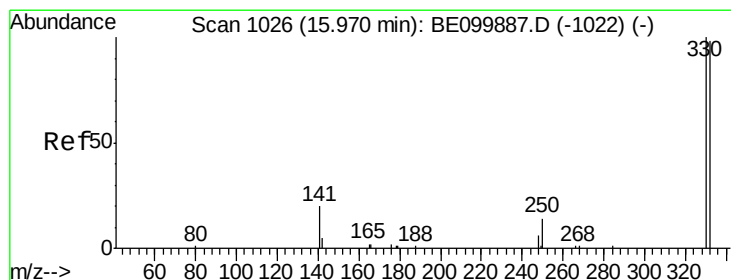
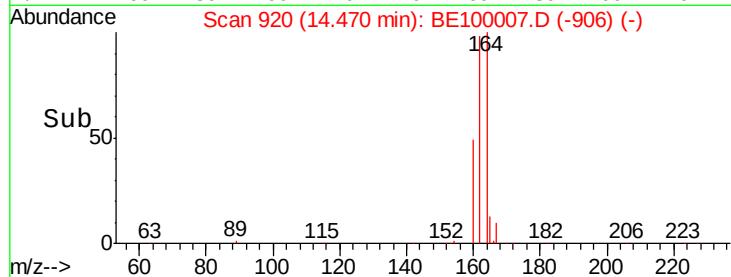
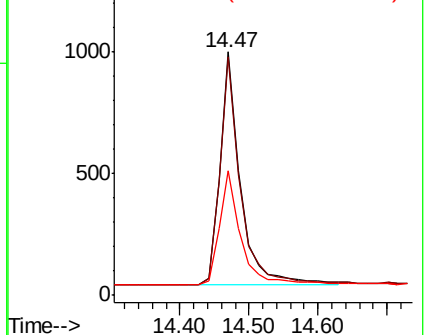
160 51.1 38.2 57.4



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: 0.317 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE100007.D

Acq: 14 Jun 2019 1:36

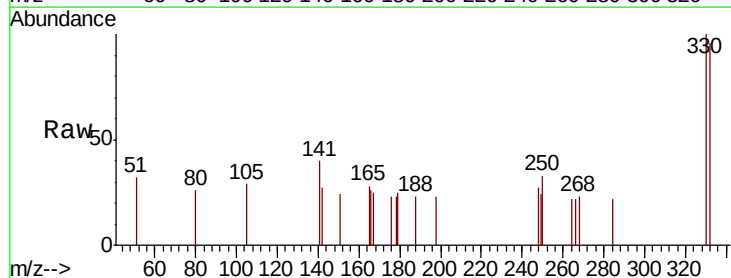
Tgt Ion:330 Resp: 462

Ion Ratio Lower Upper

330 100

332 95.7 76.7 115.1

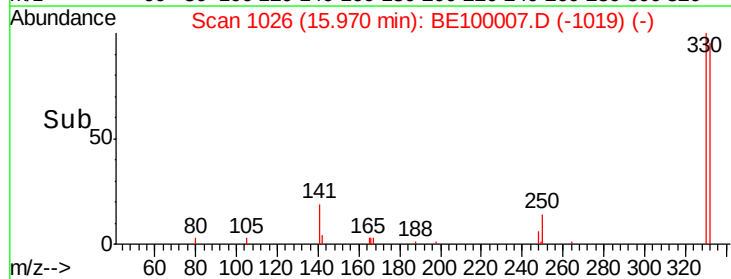
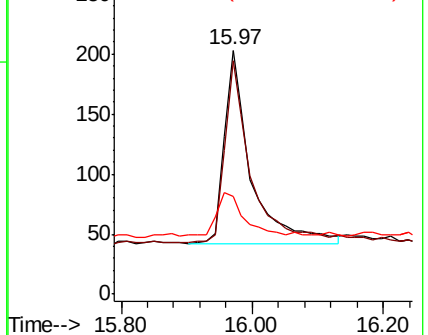
141 22.3 21.0 31.6

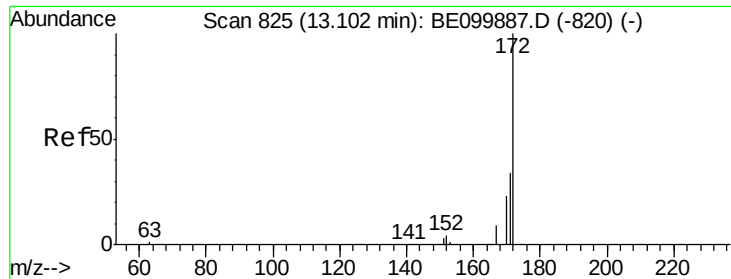


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

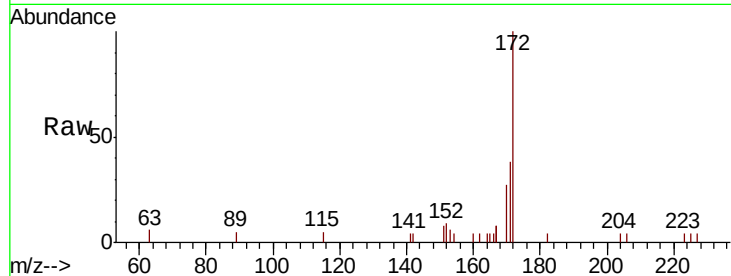




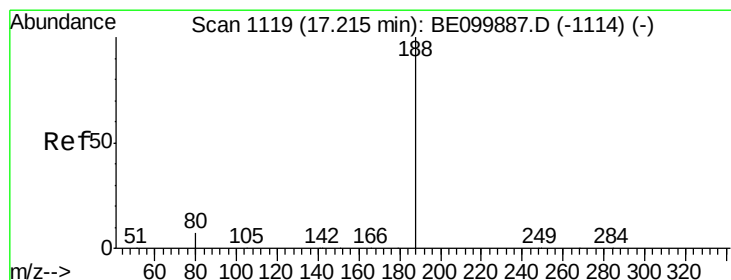
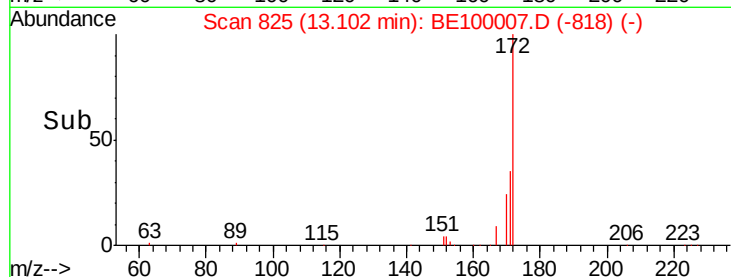
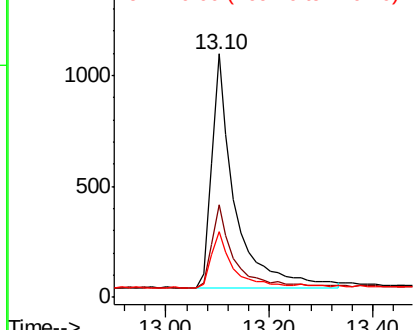
#15
2-Fluorobiphenyl
Concen: 0.437 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100007.D
Acq: 14 Jun 2019 1:36

Instrument :
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Tot Ion:172 Resp: 3262
Ion Ratio Lower Upper
172 100
171 37.9 29.2 43.8
170 27.0 21.2 31.8

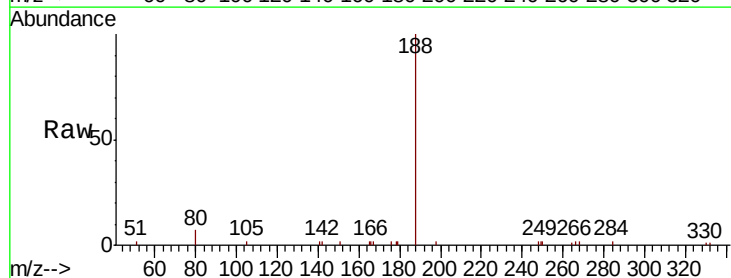


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

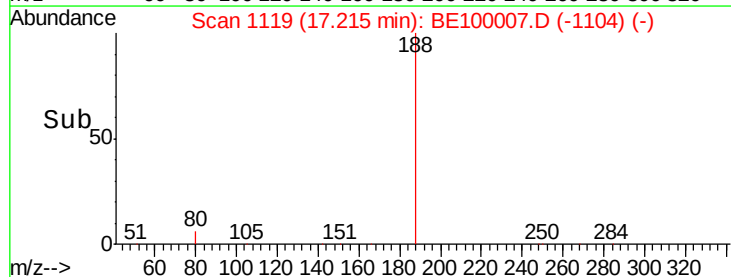
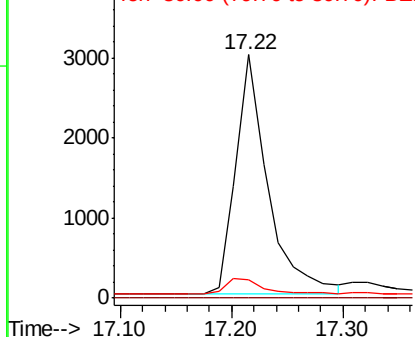


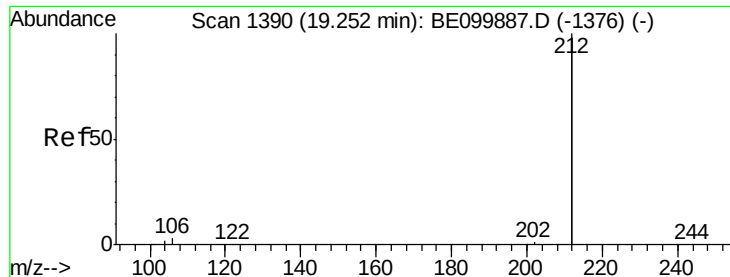
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100007.D
Acq: 14 Jun 2019 1:36

Tgt Ion:188 Resp: 6057
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100007.D

Acq: 14 Jun 2019 1:36

Instrument :

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BPS1-TT-MW308I-20190609

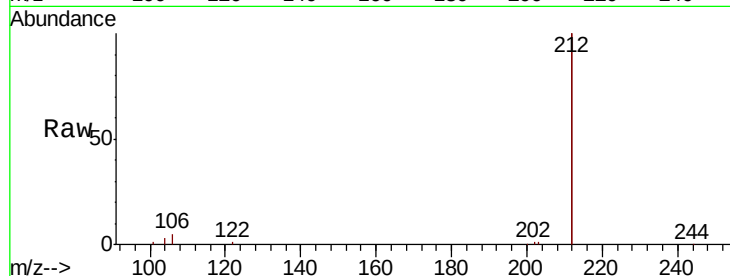
Tot Ion:212 Resp: 35214

Ion Ratio Lower Upper

212 100

106 2.0 1.4 2.2

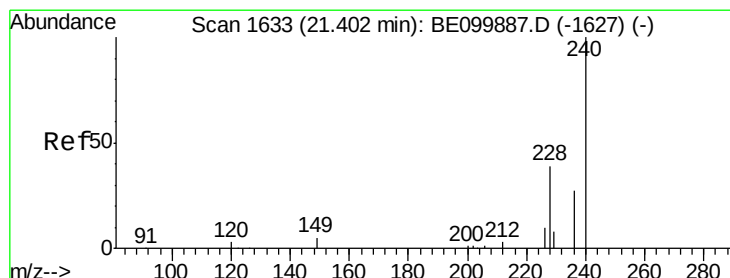
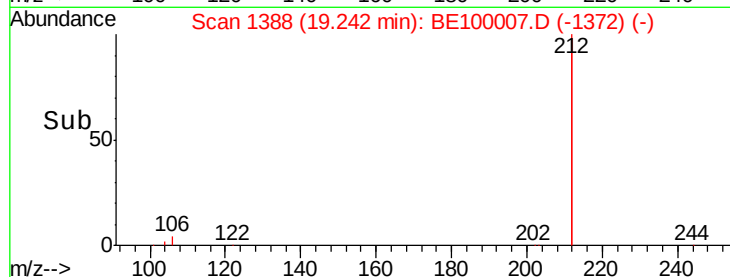
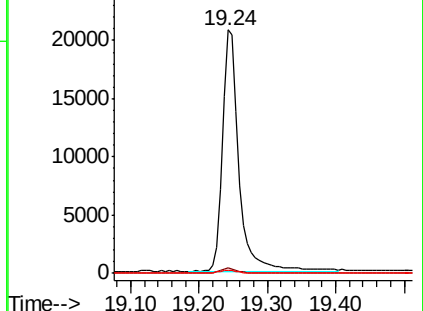
104 1.1 0.9 1.3



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. 0.00 min

Lab File: BE100007.D

Acq: 14 Jun 2019 1:36

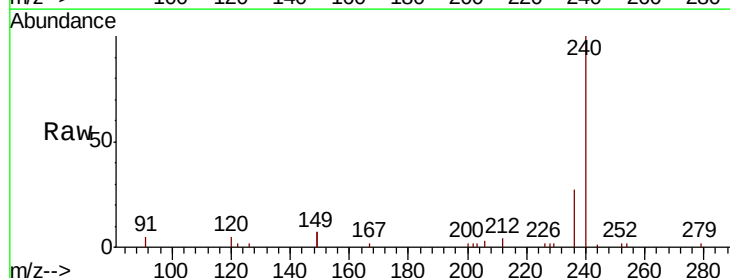
Tgt Ion:240 Resp: 8741

Ion Ratio Lower Upper

240 100

120 5.2 3.8 5.6

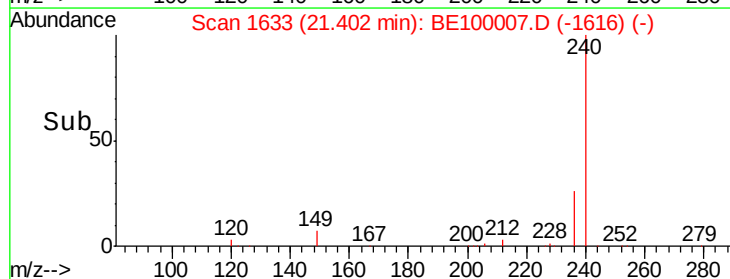
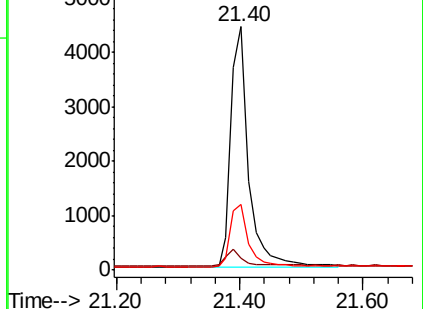
236 27.0 22.0 33.0

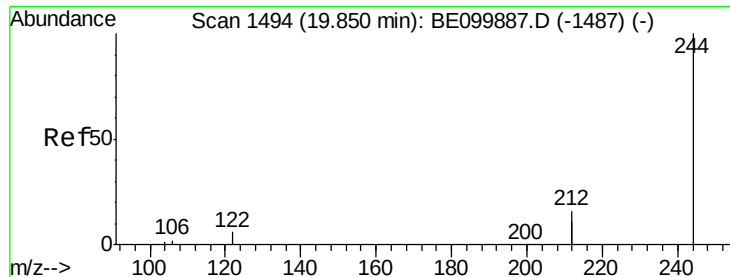


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.615 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100007.D

Acq: 14 Jun 2019 1:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW308I-20190609

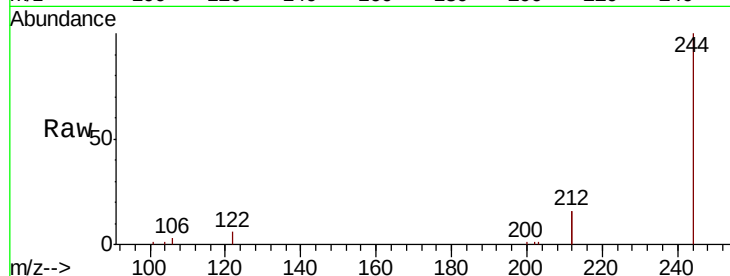
Tot Ion:244 Resp: 9682

Ion Ratio Lower Upper

244 100

212 31.5 25.7 38.5

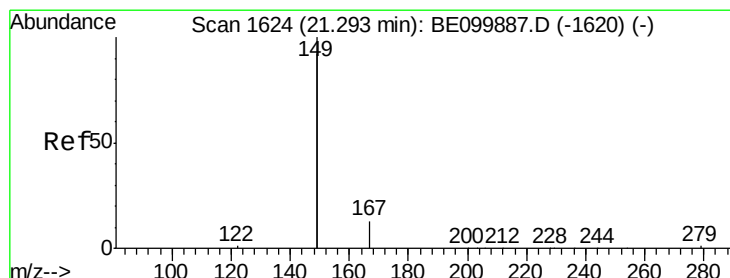
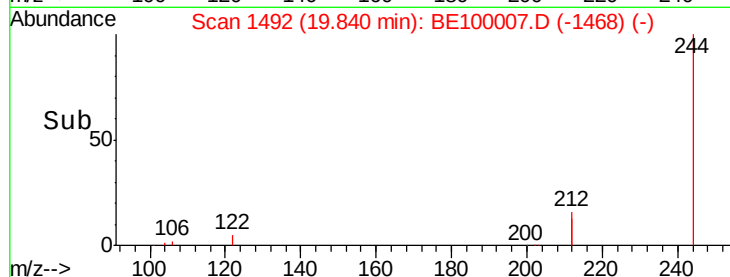
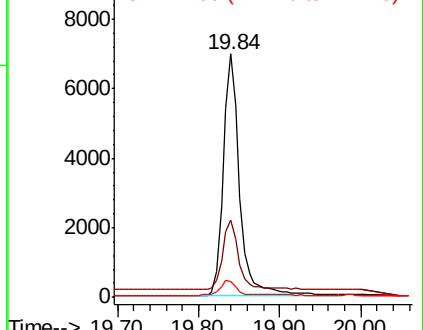
122 6.3 5.5 8.3



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: 0.062 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100007.D

Acq: 14 Jun 2019 1:36

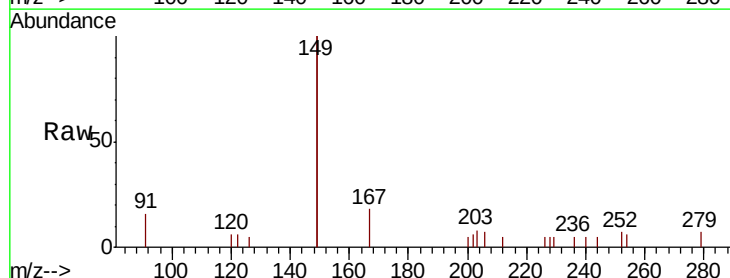
Tgt Ion:149 Resp: 2317

Ion Ratio Lower Upper

149 100

167 9.1 5.9 8.9#

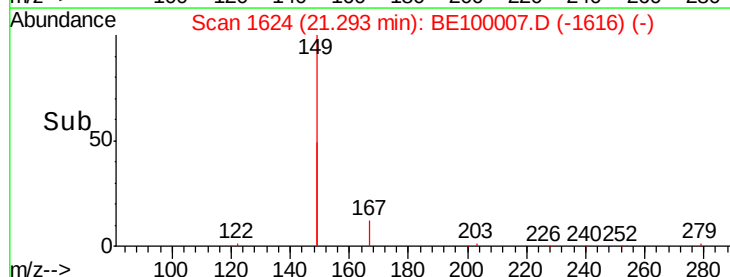
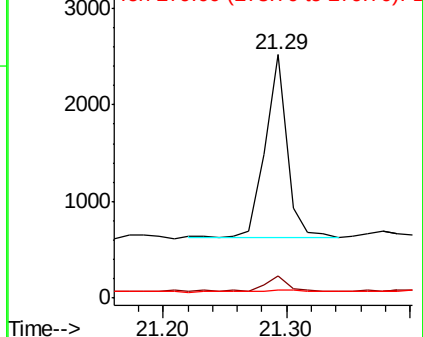
279 3.7 1.2 1.8#

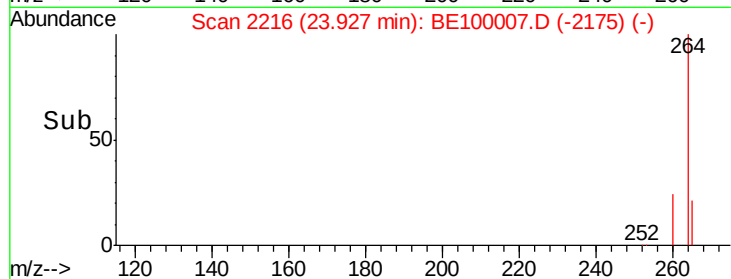
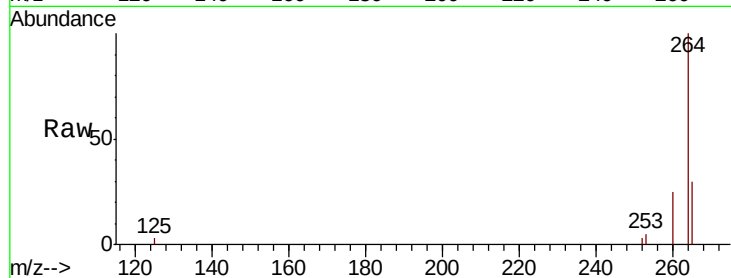
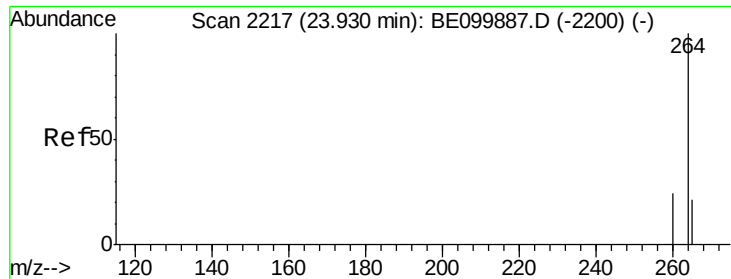


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2216

Delta R.T. -0.00 min

Lab File: BE100007.D

Acq: 14 Jun 2019 1:36

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW308I-20190609

Tot Ion: 264 Resp: 9896

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 29.5 22.0 33.0

