

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE100006.D
 Acq On : 14 Jun 2019 1:00
 Operator : JU/SJ
 Sample : K3280-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4003-20190608

Quant Time: Jun 14 03:27:57 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

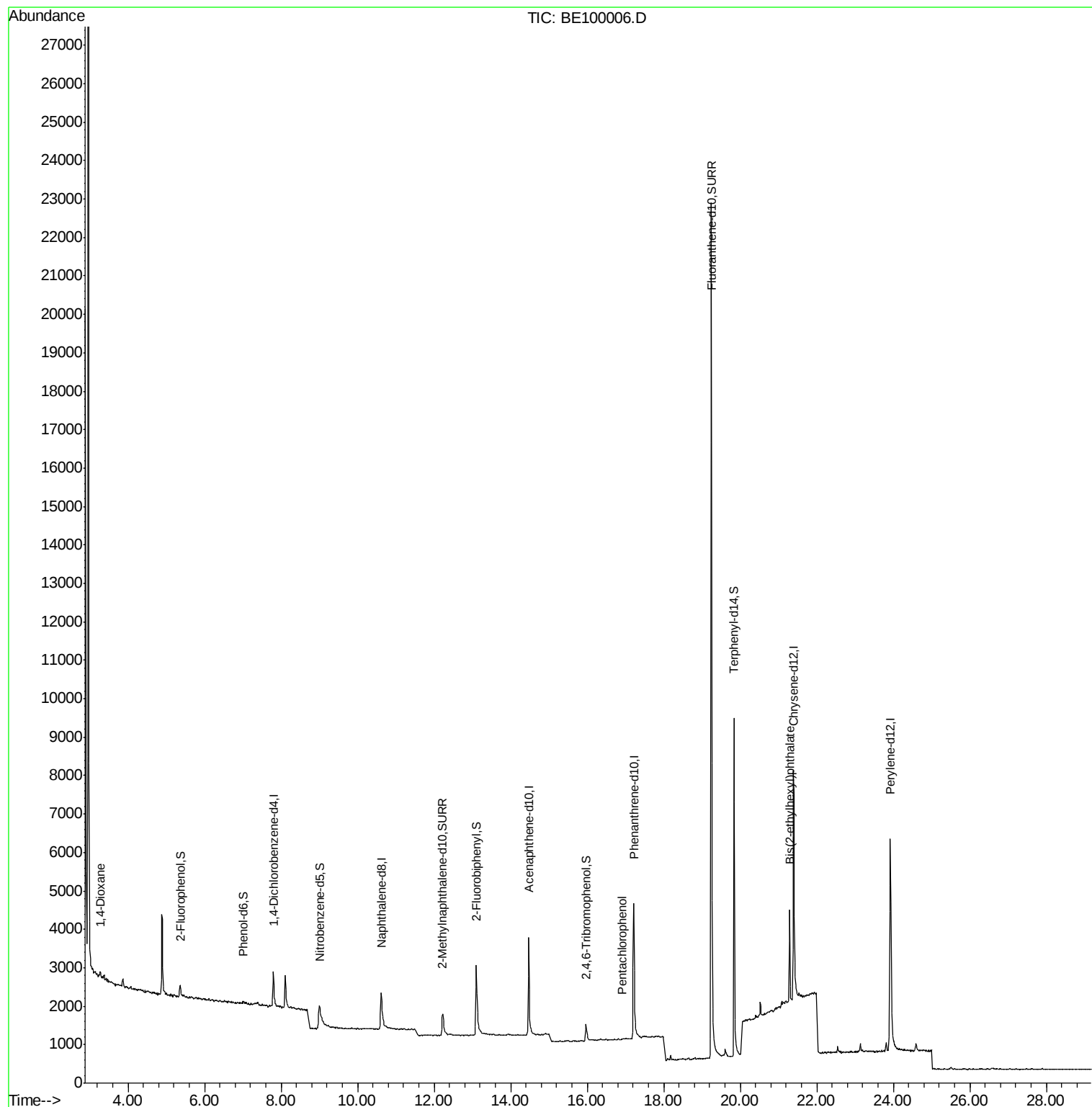
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	671	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	2385	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2124	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7100	0.40	ng	0.00
27) Chrysene-d12	21.39	240	9195	0.40	ng	-0.01
34) Perylene-d12	23.92	264	10533	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	275	0.15	ng	0.00
5) Phenol-d6	7.01	99	187	0.08	ng	0.04
8) Nitrobenzene-d5	9.00	82	805	0.36	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	1492	0.36	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	474	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3315	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	36016	0.35	ng	-0.01
29) Terphenyl-d14	19.84	244	9449	0.57	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	187	0.188	ng	Qvalue # 84
22) Pentachlorophenol	16.92	266	9	0.304	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.29	149	3149	0.080	ng	# 99

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

Instrument :

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ClientSampleId :

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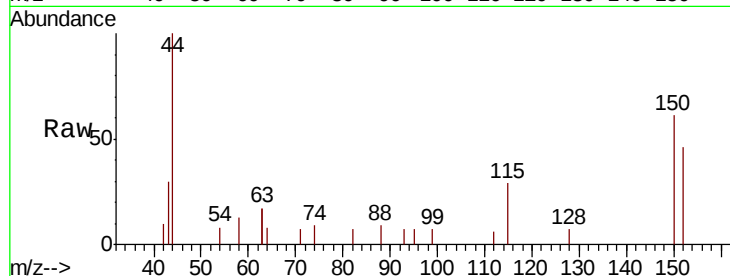
Tgt Ion: 152 Resp: 671

Ion Ratio Lower Upper

152 100

150 132.3 111.0 166.6

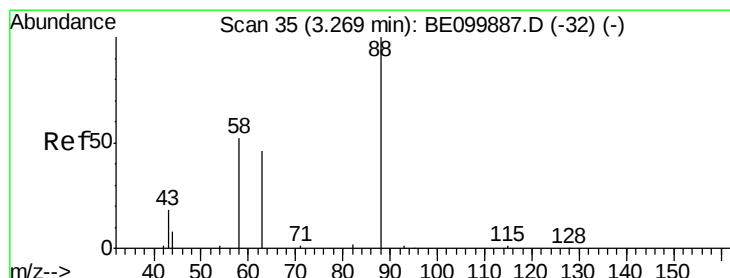
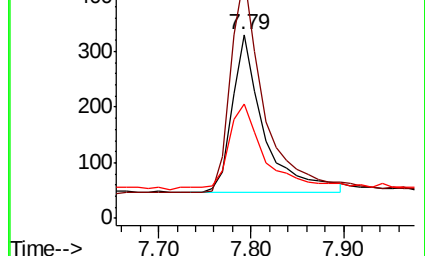
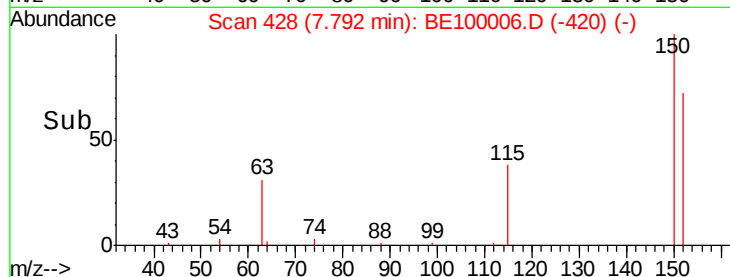
115 61.9 50.7 76.1



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



#2

1,4-Dioxane

Concen: 0.188 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

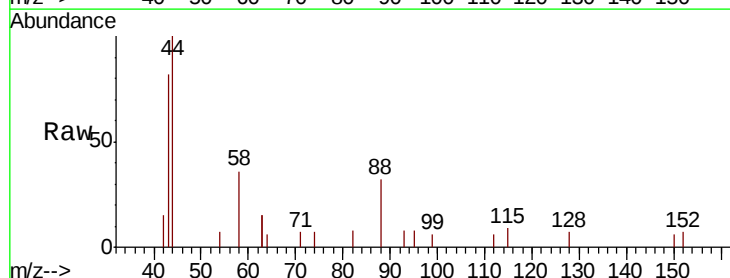
Tgt Ion: 88 Resp: 187

Ion Ratio Lower Upper

88 100

58 56.7 48.8 73.2

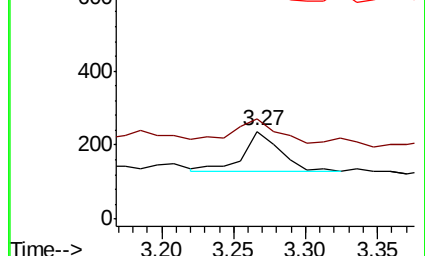
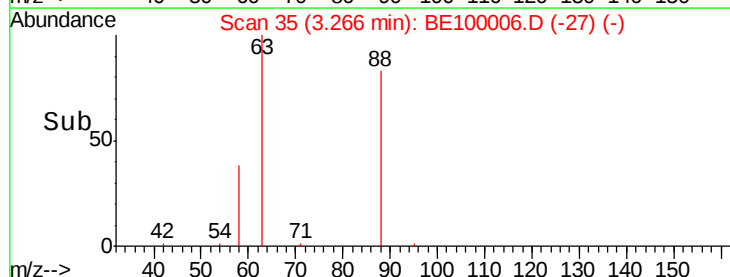
43 44.4 19.0 28.6#



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





#4

2-Fluorophenol

Concen: 0.152 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4003-20190608

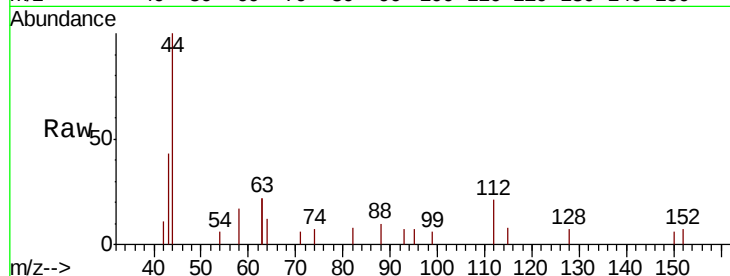
Tgt Ion: 112 Resp: 275

Ion Ratio Lower Upper

112 100

64 57.8 44.1 66.1

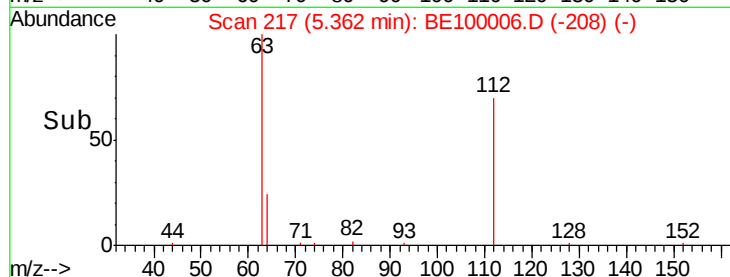
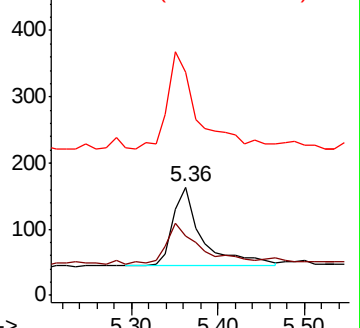
63 126.2 87.8 131.6



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: 0.080 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.04 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

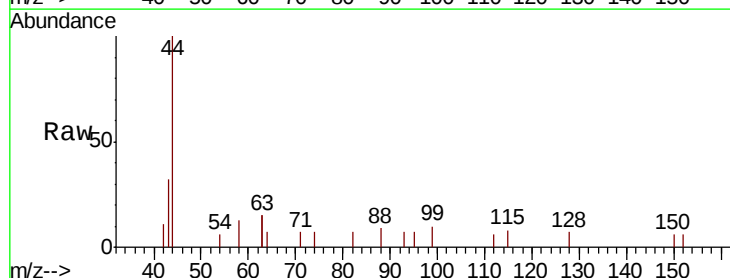
Tgt Ion: 99 Resp: 187

Ion Ratio Lower Upper

99 100

42 10.2 15.9 23.9#

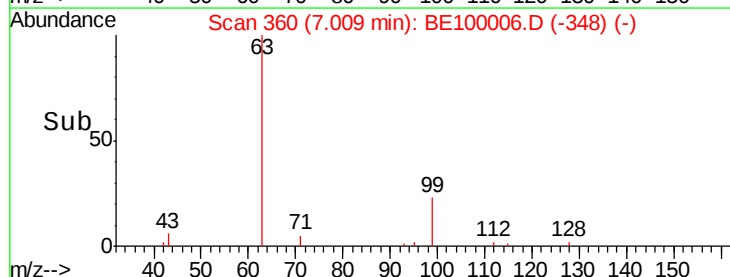
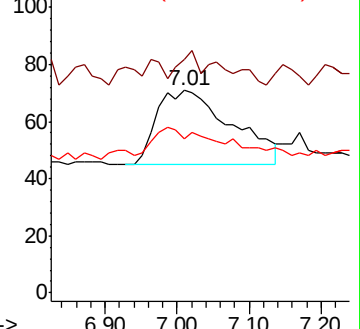
71 0.0 34.6 52.0#



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: 10.62 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4003-20190608

Tgt Ion: 136 Resp: 2385

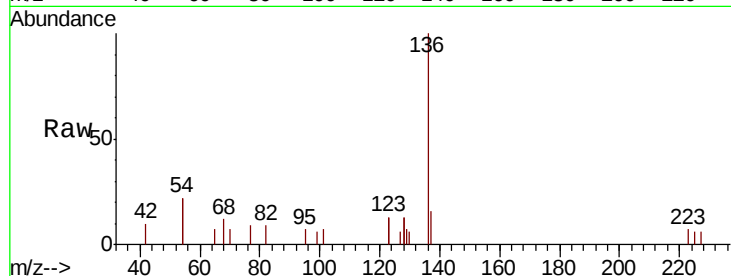
Ion Ratio Lower Upper

136 100

137 16.2 12.3 18.5

54 44.5 28.2 42.4#

68 11.9 7.8 11.8#

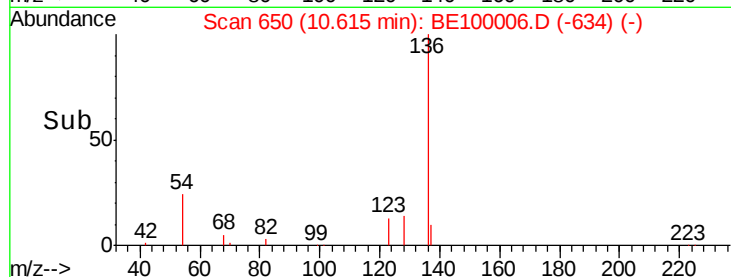
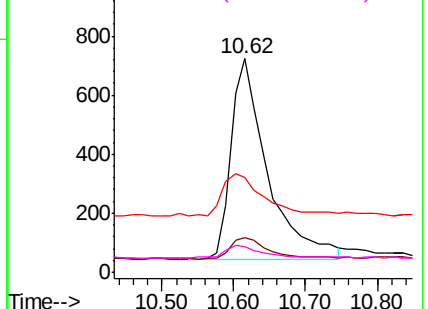


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.356 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

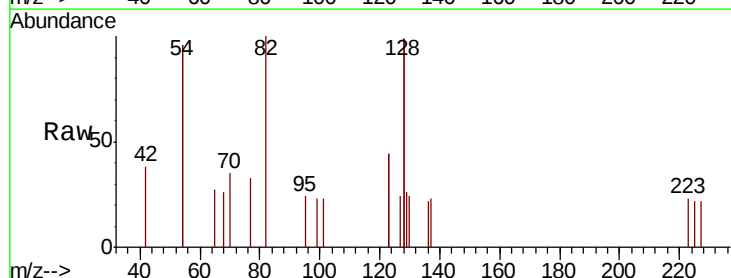
Tgt Ion: 82 Resp: 805

Ion Ratio Lower Upper

82 100

128 197.0 137.3 205.9

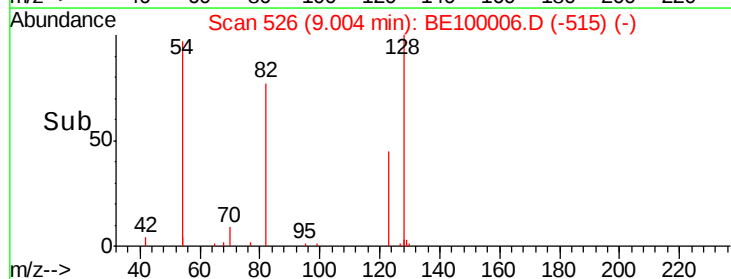
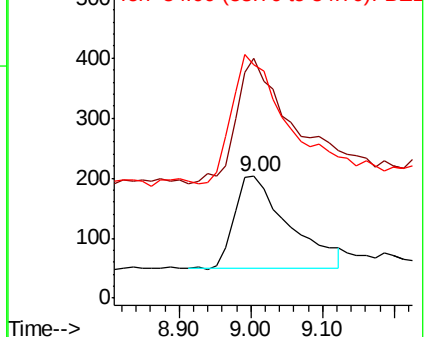
54 191.1 129.7 194.5

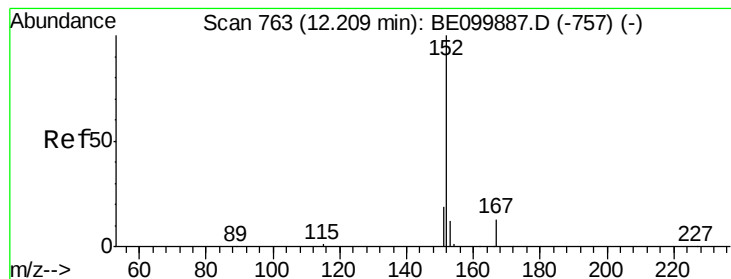


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

Instrument :

BNA_E

ClientSampleId :

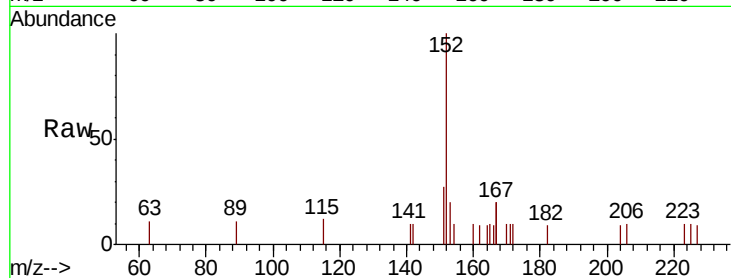
BP-TT-SW4003-20190608

Tgt Ion:152 Resp: 1492

Ion Ratio Lower Upper

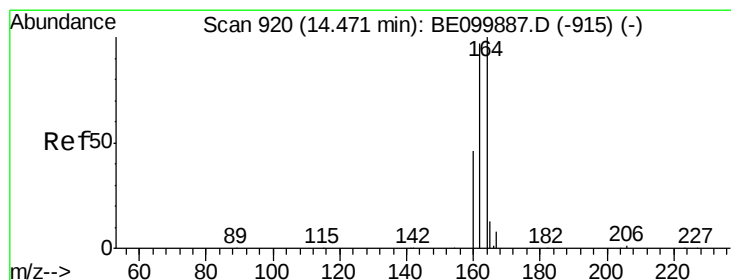
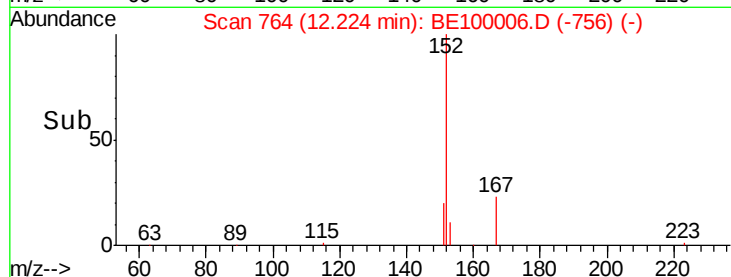
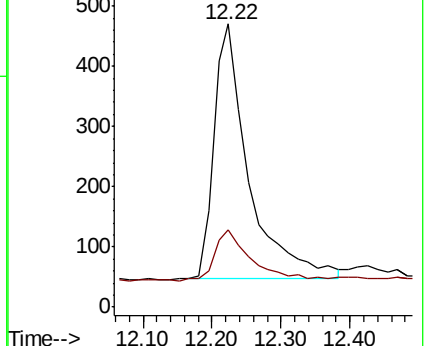
152 100

151 20.7 15.2 22.8



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: BE100006.D

Acq: 14 Jun 2019 1:00

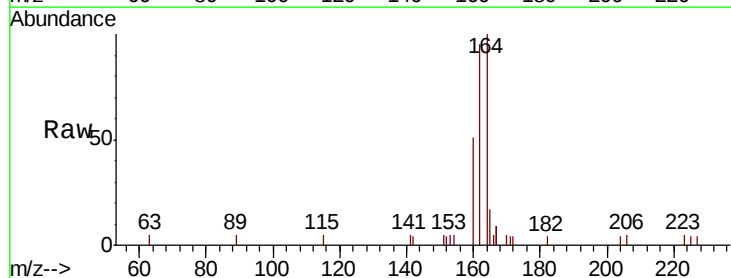
Tgt Ion:164 Resp: 2124

Ion Ratio Lower Upper

164 100

162 95.2 77.8 116.8

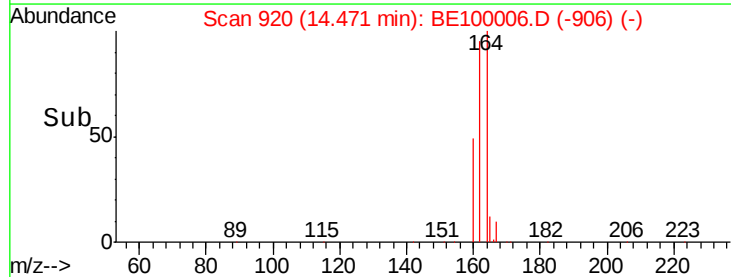
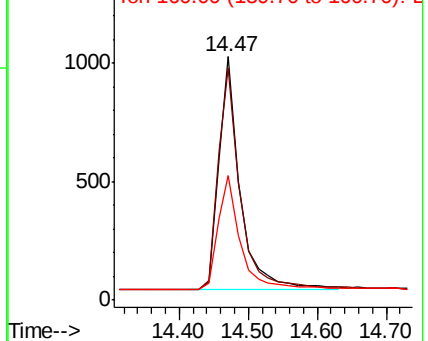
160 51.1 38.2 57.4

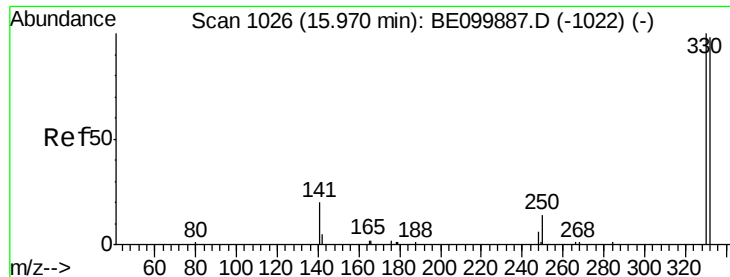


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

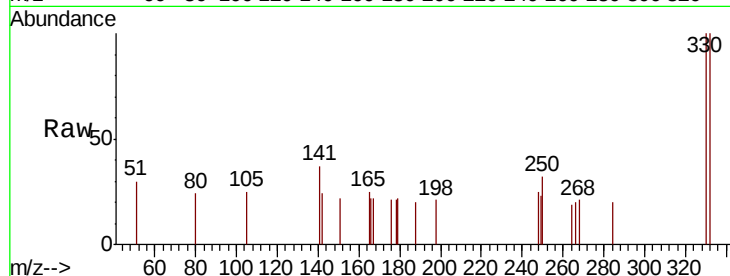




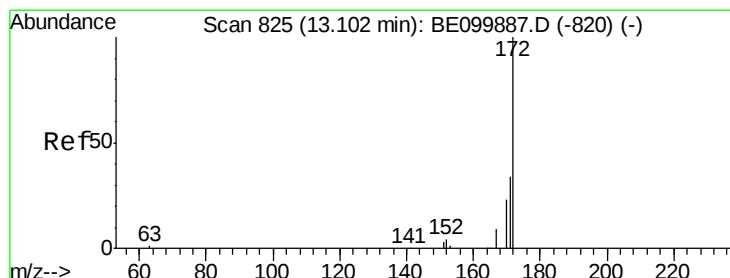
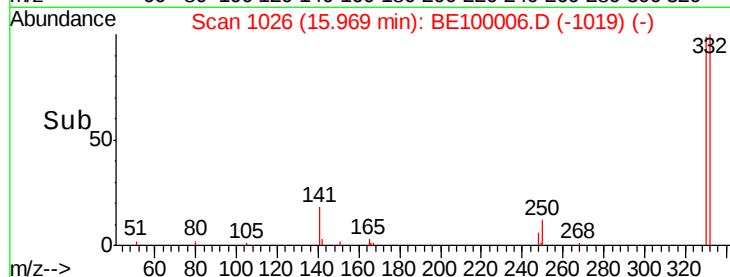
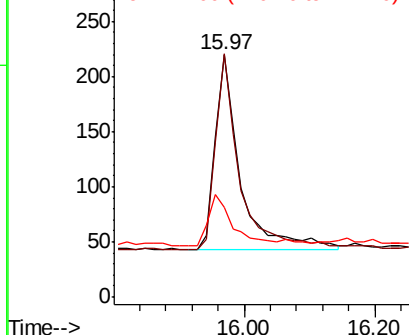
#14
 2,4,6-Tribromophenol
 Concen: 0.302 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE100006.D
 Acq: 14 Jun 2019 1:00

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4003-20190608

Tgt Ion: 330 Resp: 474
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.7 115.1
 141 25.9 21.0 31.6

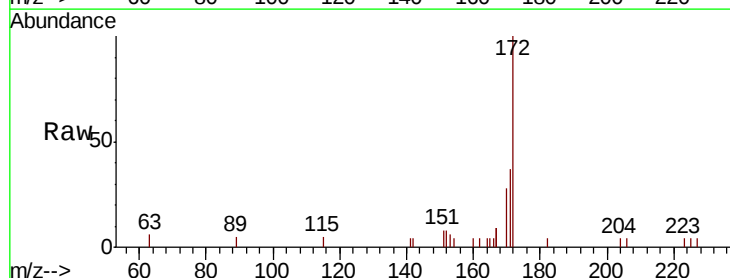


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

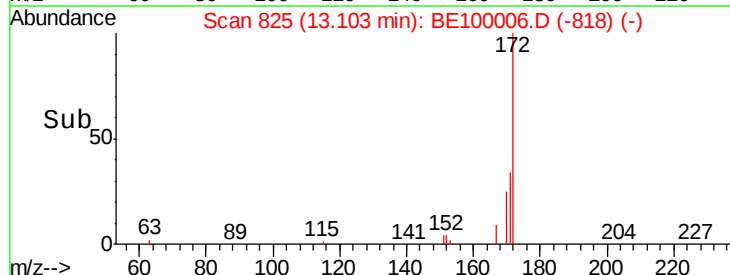
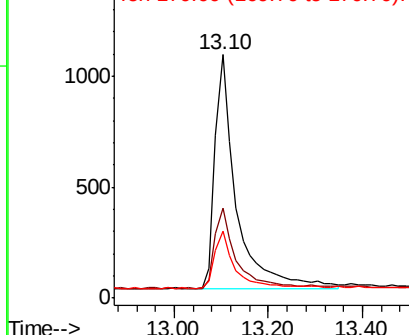


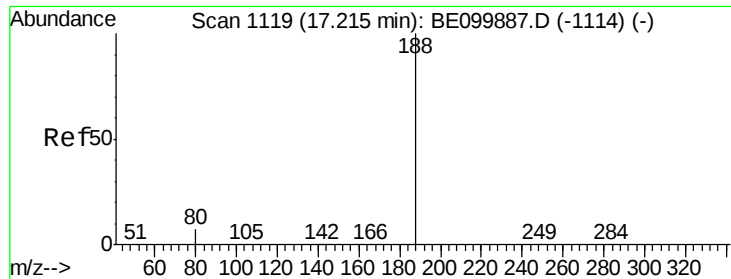
#15
 2-Fluorobiphenyl
 Concen: 0.412 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE100006.D
 Acq: 14 Jun 2019 1:00

Tgt Ion: 172 Resp: 3315
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.2 43.8
 170 27.5 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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4003-20190608

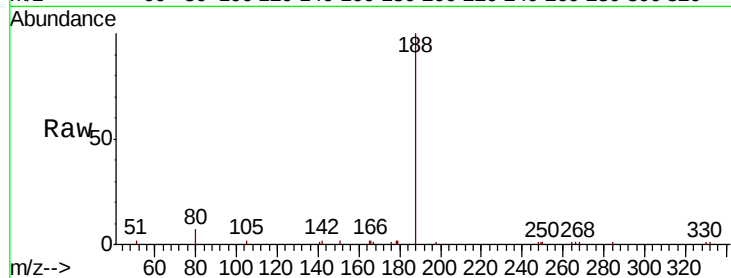
Tgt Ion:188 Resp: 7100

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

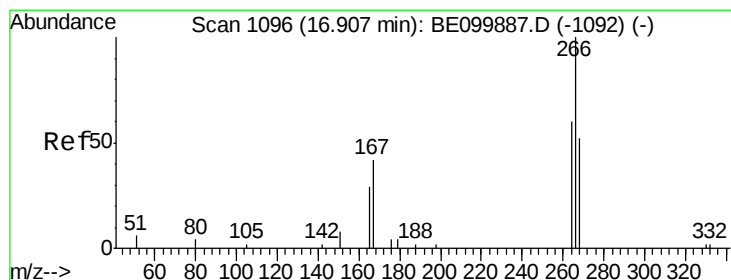
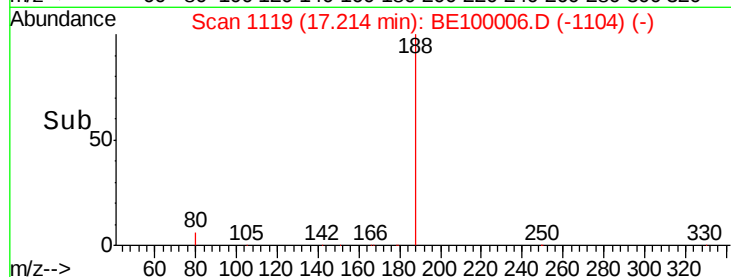
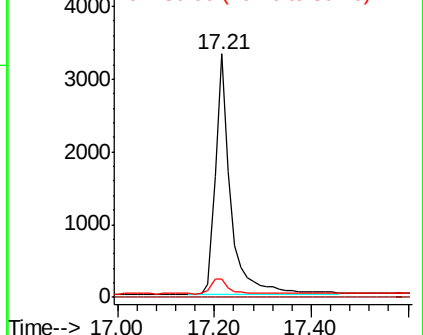
80 7.4 6.4 9.6



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



#22

Pentachlorophenol

Concen: 0.304 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

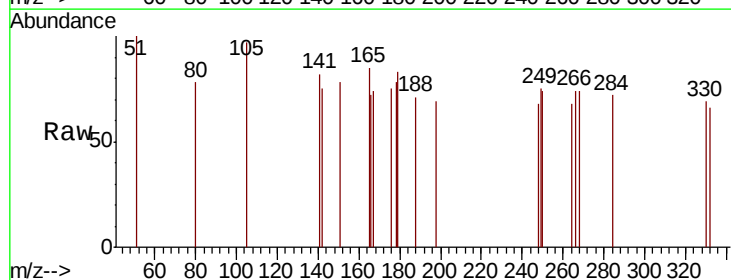
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 91.7 62.2 93.2

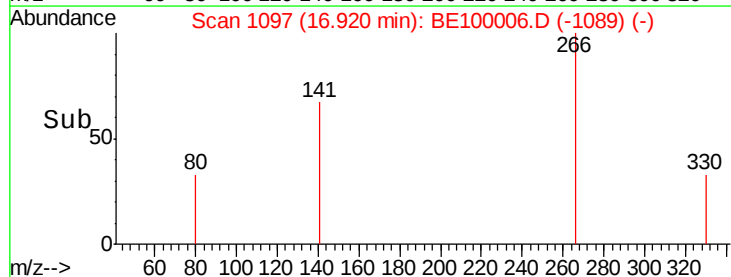
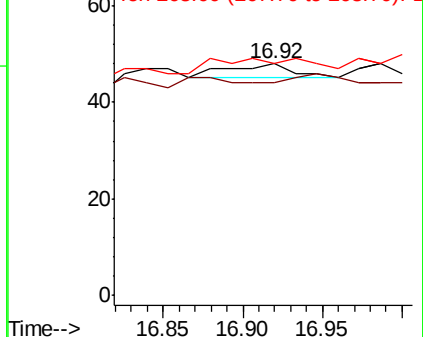
268 100.0 65.5 98.3#

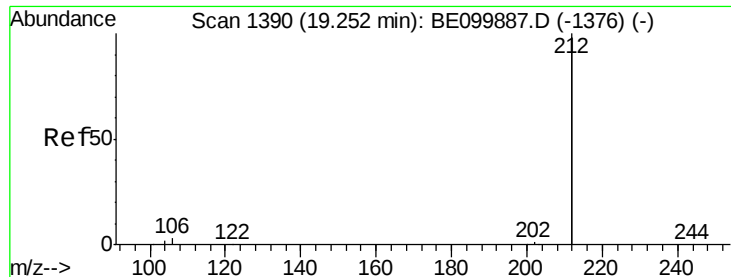


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

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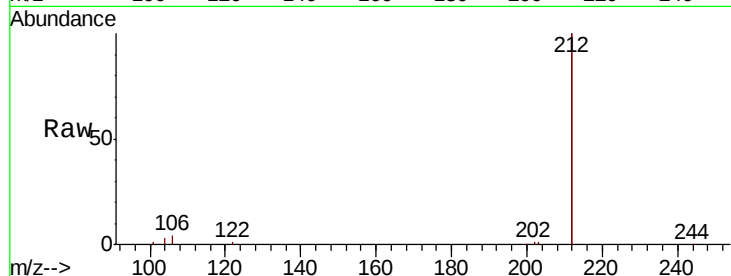
Tgt Ion: 212 Resp: 36016

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

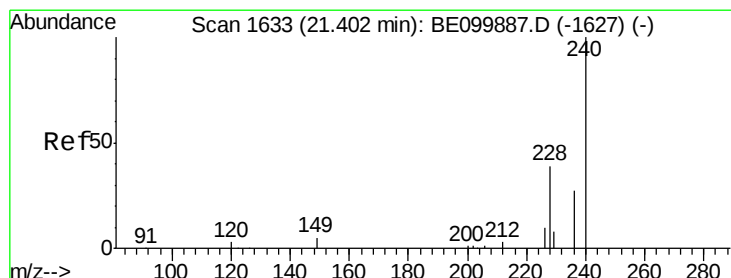
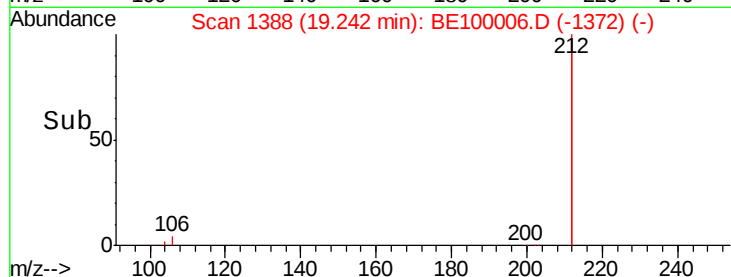
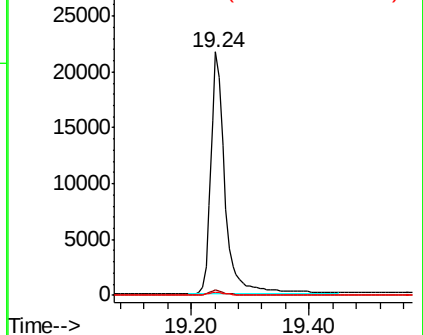
104 1.1 0.9 1.3



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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

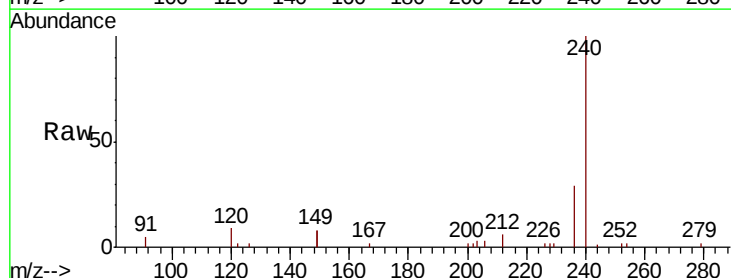
Tgt Ion: 240 Resp: 9195

Ion Ratio Lower Upper

240 100

120 8.6 3.8 5.6#

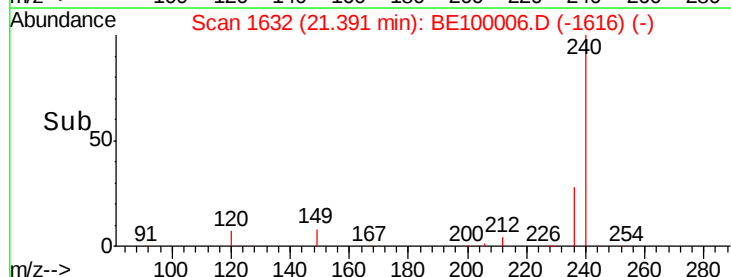
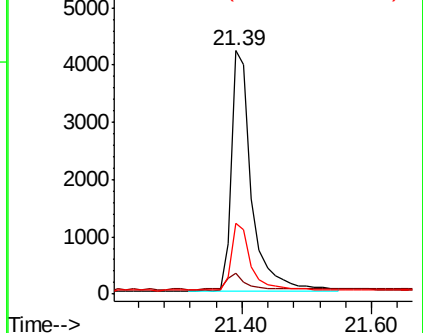
236 29.2 22.0 33.0

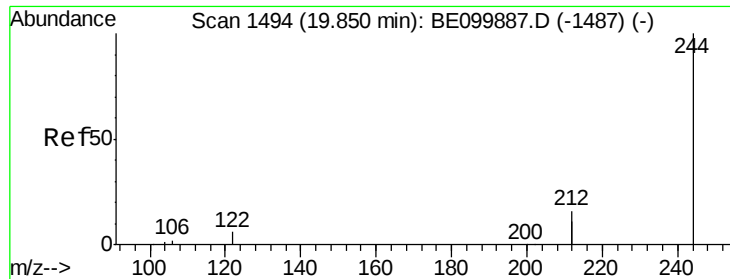


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.571 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4003-20190608

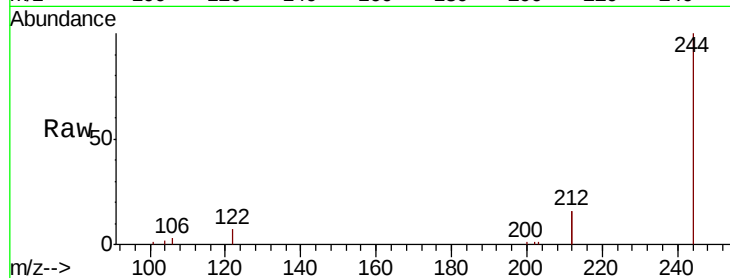
Tgt Ion:244 Resp: 9449

Ion Ratio Lower Upper

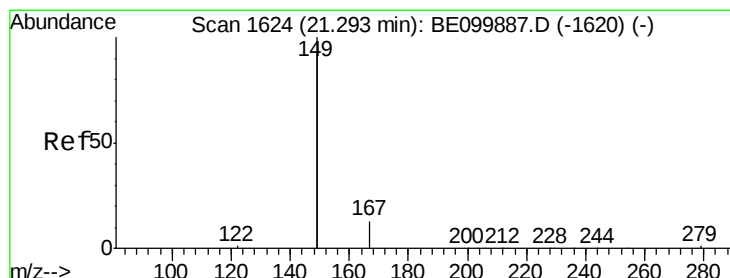
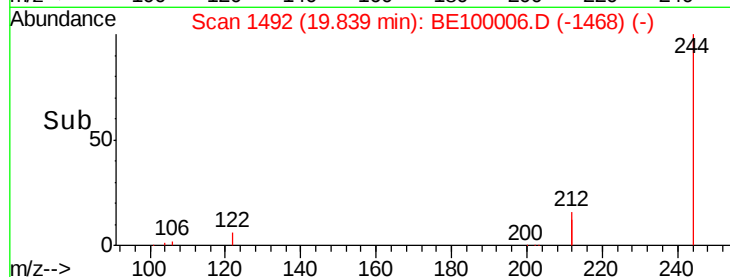
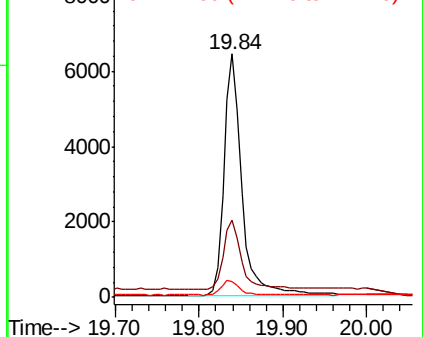
244 100

212 31.5 25.7 38.5

122 6.7 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: 0.080 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

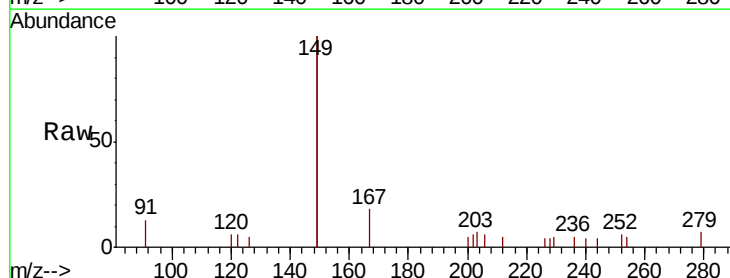
Tgt Ion:149 Resp: 3149

Ion Ratio Lower Upper

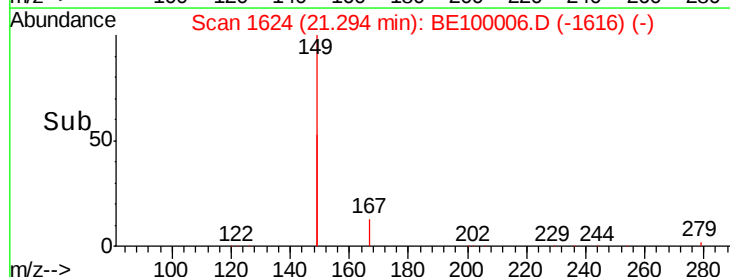
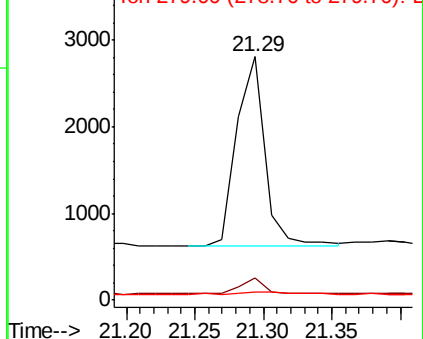
149 100

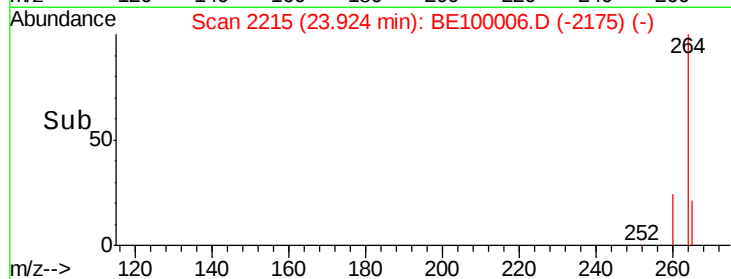
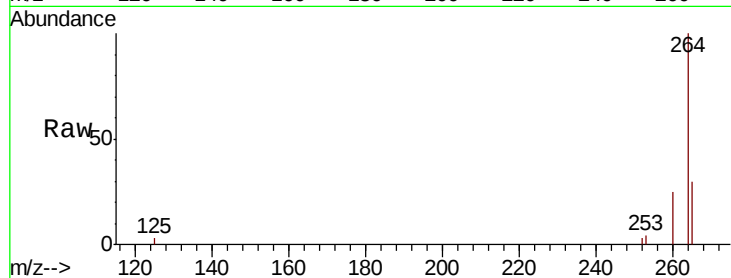
167 7.6 5.9 8.9

279 2.0 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: 23.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BE100006.D

Acq: 14 Jun 2019 1:00

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4003-20190608

Tgt Ion:264 Resp: 10533

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

265 30.2 22.0 33.0

