

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061319\
 Data File : BE100000.D
 Acq On : 13 Jun 2019 21:26
 Operator : JU/SJ
 Sample : K3279-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30311-20190607

Quant Time: Jun 14 03:26:42 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	7.78	152	689	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2494	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2072	0.40	ng	-0.01
19) Phenanthrene-d10	17.22	188	6671	0.40	ng	0.00
27) Chrysene-d12	21.39	240	9740	0.40	ng	-0.01
34) Perylene-d12	23.92	264	11131	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	247	0.13	ng	0.00
5) Phenol-d6	6.95	99	218	0.09	ng	-0.01
8) Nitrobenzene-d5	8.96	82	807	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1303	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	416	0.27	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3099	0.39	ng	-0.01
25) Fluoranthene-d10	19.24	212	30955	0.32	ng	-0.01
29) Terphenyl-d14	19.84	244	9030	0.51	ng	-0.01

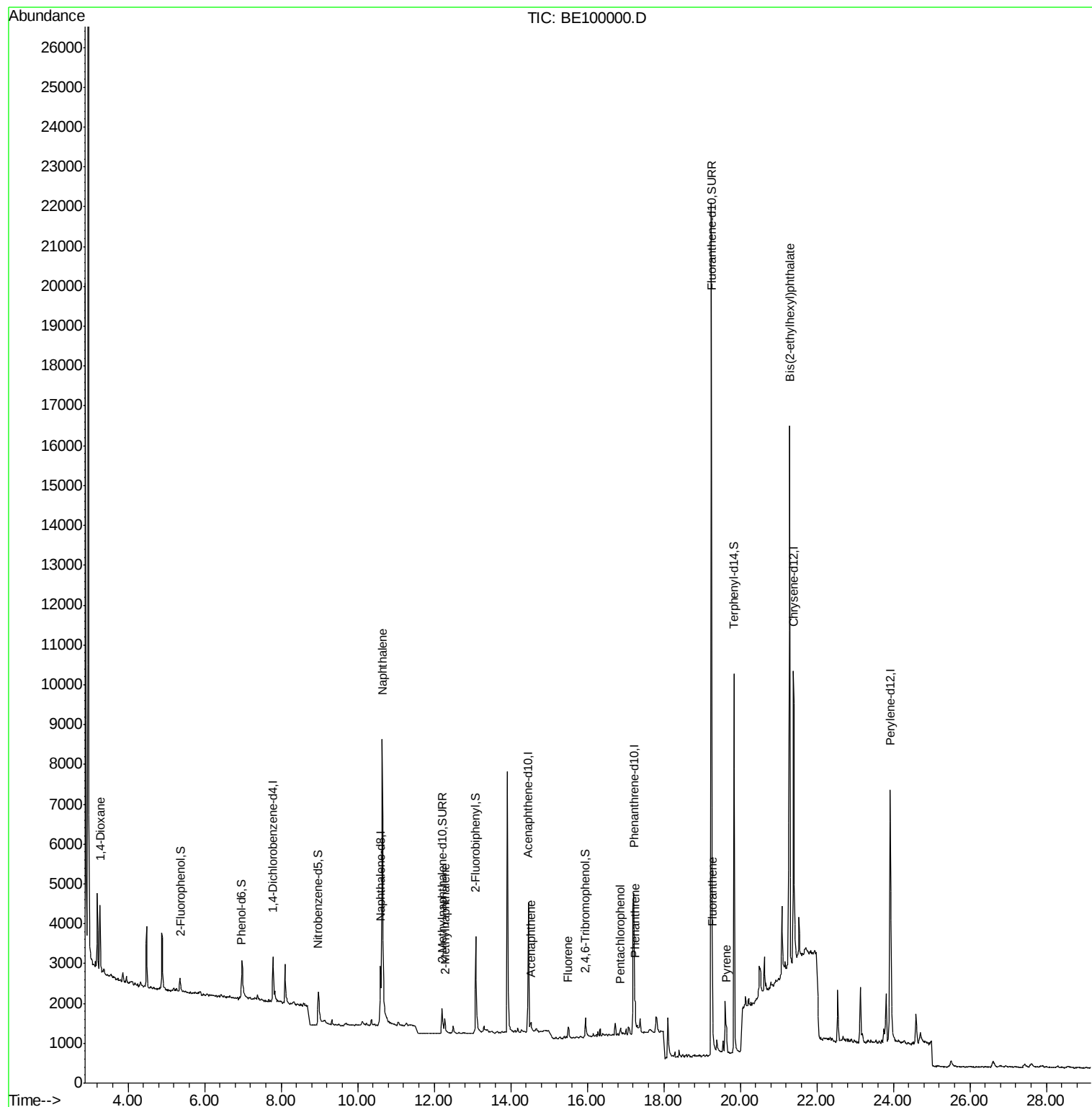
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	1461	1.433	ng	# 93
9) Naphthalene	10.64	128	15138	0.562	ng	# 99
12) 2-Methylnaphthalene	12.28	142	318	0.073	ng	# 92
17) Acenaphthene	14.53	154	122	0.022	ng	# 94
18) Fluorene	15.50	166	263	0.031	ng	# 98
22) Pentachlorophenol	16.87	266	143	0.377	ng	# 97
23) Phenanthrene	17.26	178	830	0.051	ng	# 96
26) Fluoranthene	19.28	202	667	0.024	ng	# 89
28) Pyrene	19.64	202	526	0.021	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.29	149	20835	0.499	ng	# 99

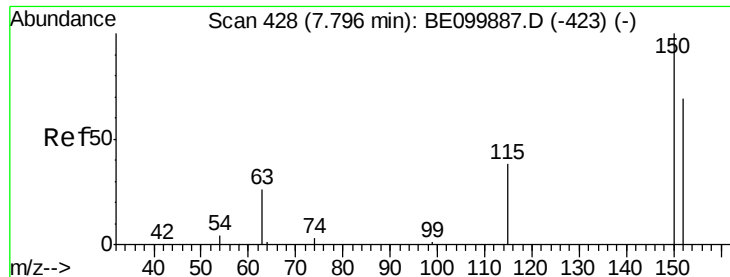
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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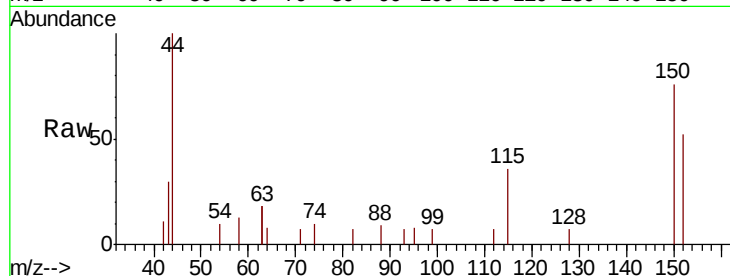


#1

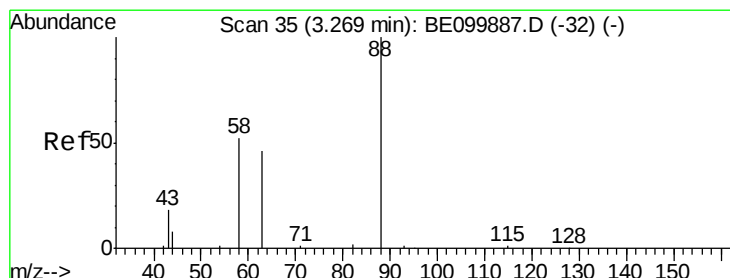
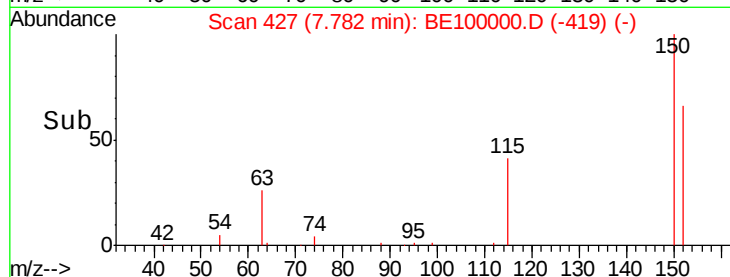
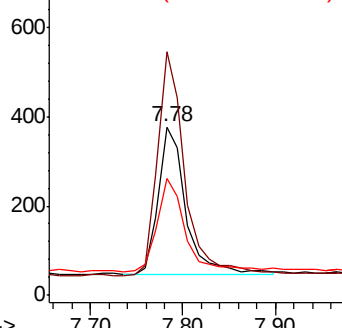
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100000.D
Acq: 13 Jun 2019 21:26

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30311-20190607

Tot Ion:152 Resp: 689
Ion Ratio Lower Upper
152 100
150 144.7 111.0 166.6
115 69.4 50.7 76.1



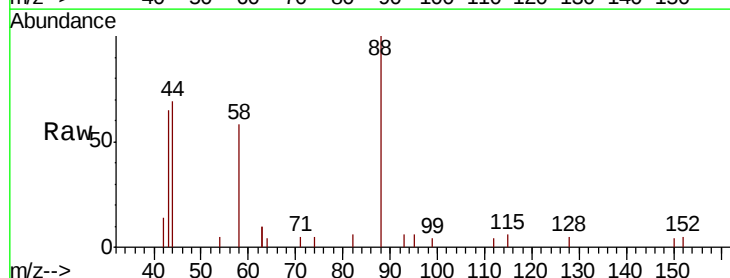
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



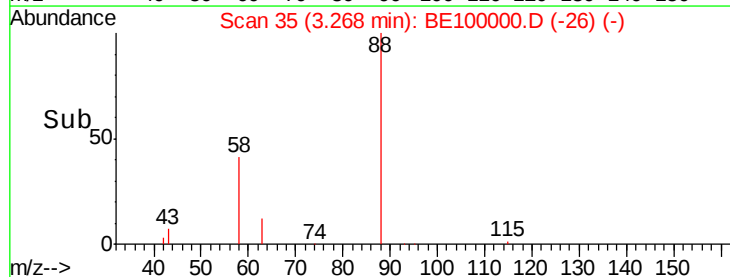
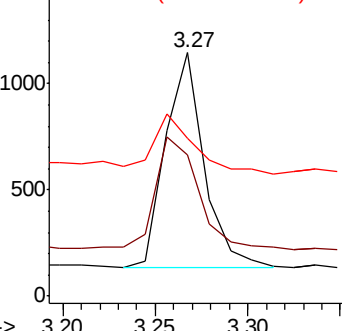
#2

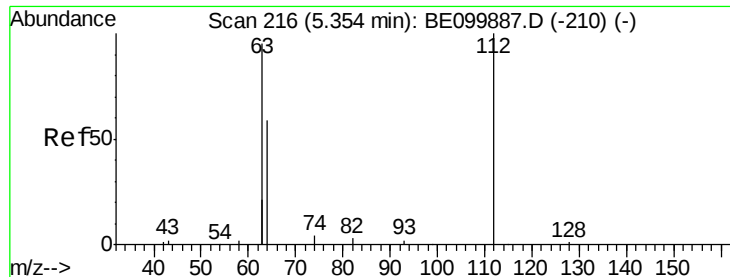
1,4-Dioxane
Concen: 1.433 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100000.D
Acq: 13 Jun 2019 21:26

Tgt Ion: 88 Resp: 1461
Ion Ratio Lower Upper
88 100
58 57.3 48.8 73.2
43 30.5 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: 0.133 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30311-20190607

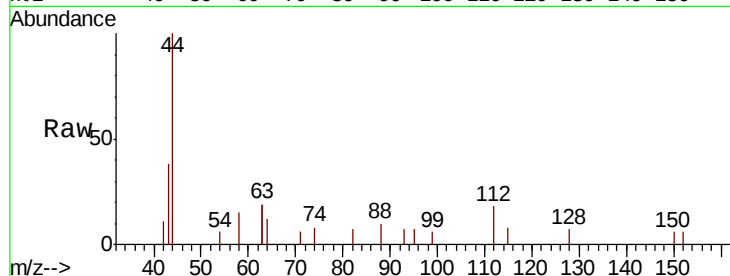
Tot Ion:112 Resp: 247

Ion Ratio Lower Upper

112 100

64 59.1 44.1 66.1

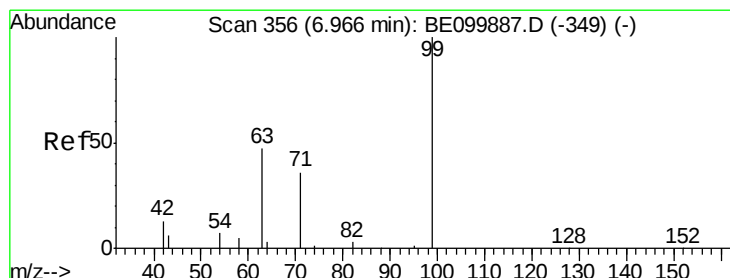
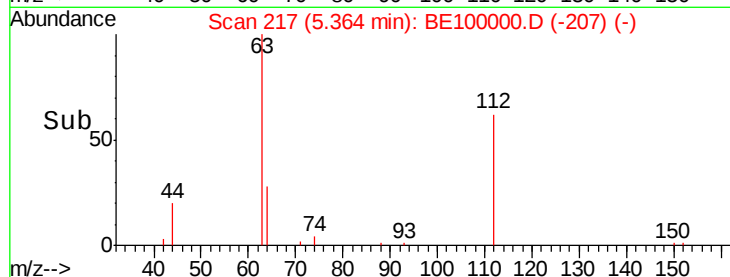
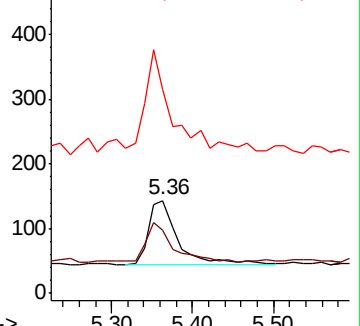
63 163.6 87.8 131.6#



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: 0.091 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

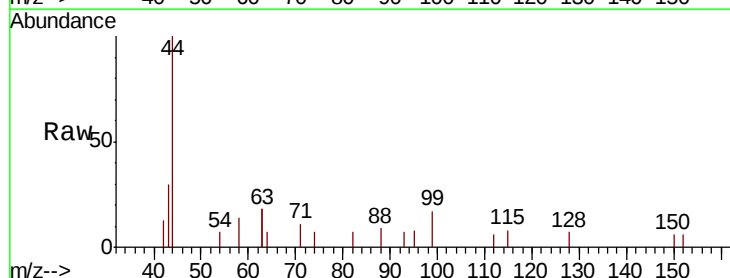
Tgt Ion: 99 Resp: 218

Ion Ratio Lower Upper

99 100

42 47.7 15.9 23.9#

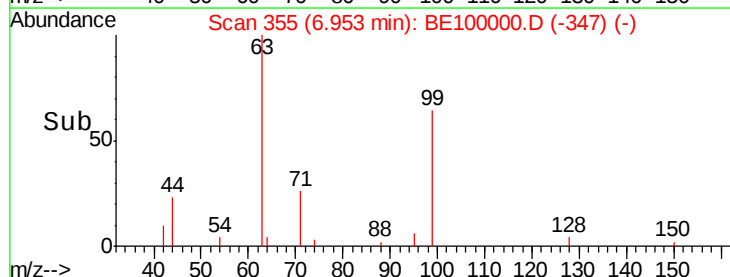
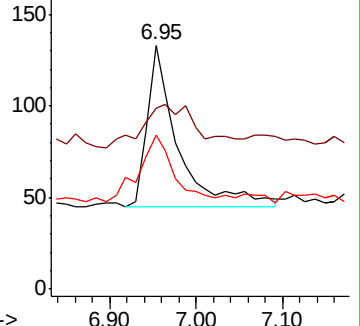
71 45.9 34.6 52.0

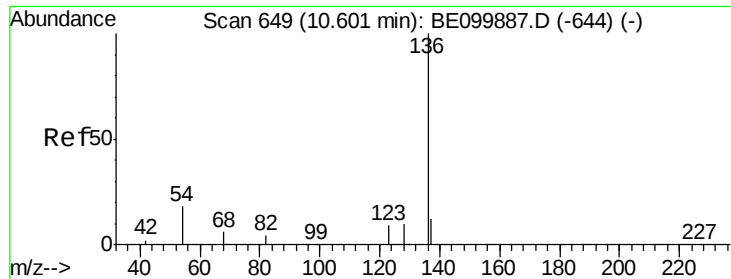


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30311-20190607

Tot Ion:136 Resp: 2494

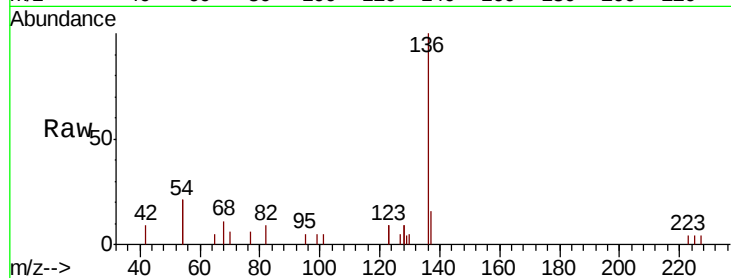
Ion Ratio Lower Upper

136 100

137 15.8 12.3 18.5

54 42.4 28.2 42.4#

68 10.7 7.8 11.8

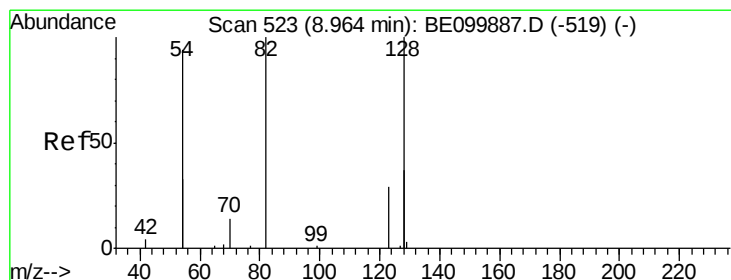
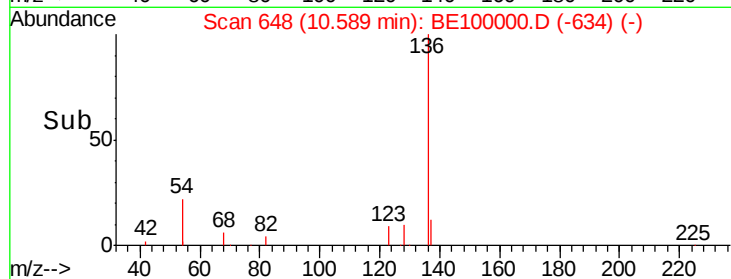
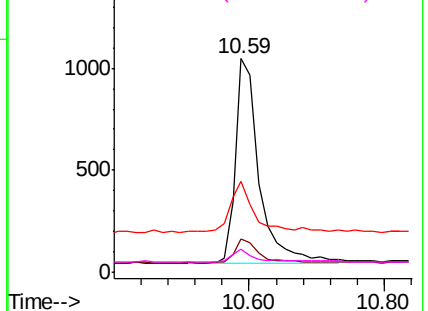


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.342 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

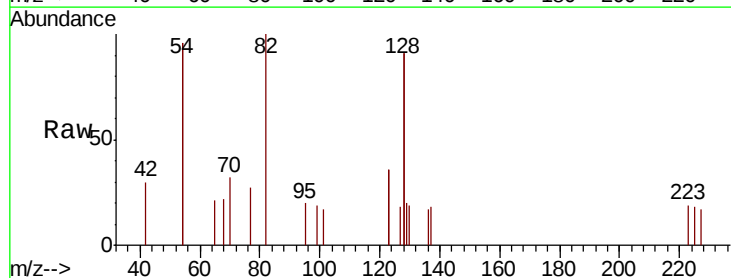
Tgt Ion: 82 Resp: 807

Ion Ratio Lower Upper

82 100

128 182.2 137.3 205.9

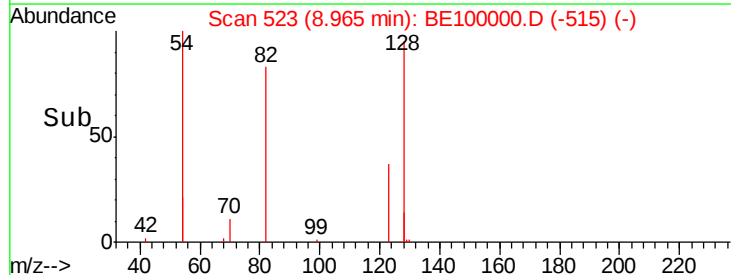
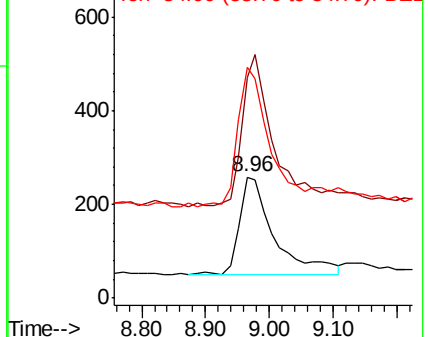
54 191.5 129.7 194.5

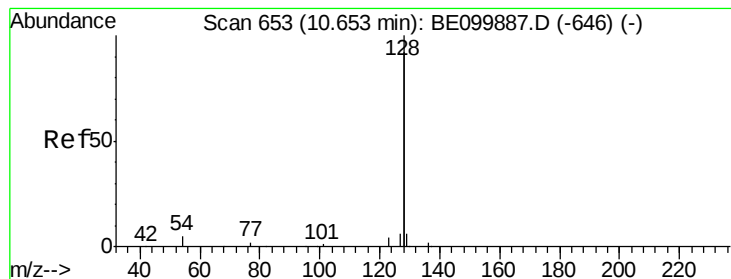


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.562 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30311-20190607

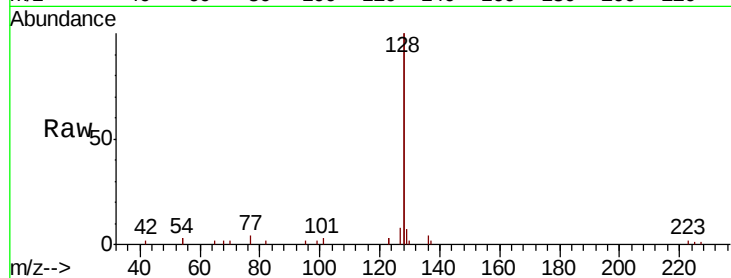
Tot Ion:128 Resp: 15138

Ion Ratio Lower Upper

128 100

129 3.4 3.0 4.6

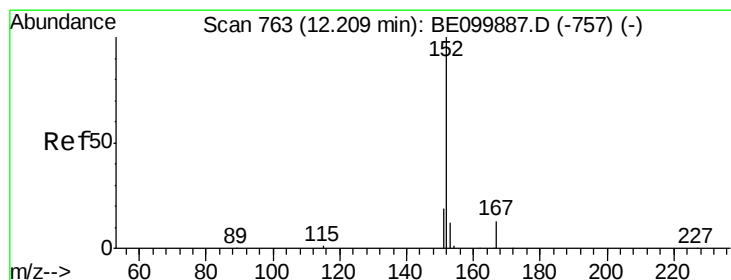
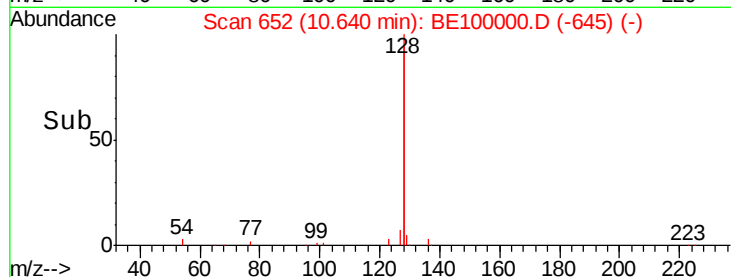
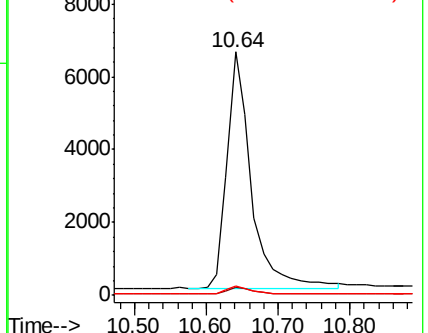
127 4.0 3.4 5.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.300 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100000.D

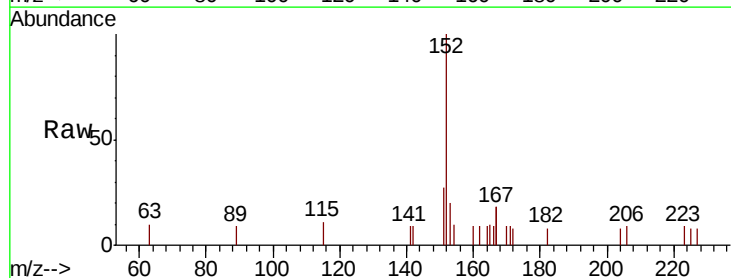
Acq: 13 Jun 2019 21:26

Tgt Ion:152 Resp: 1303

Ion Ratio Lower Upper

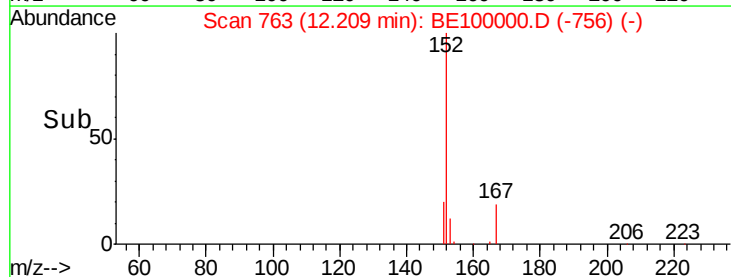
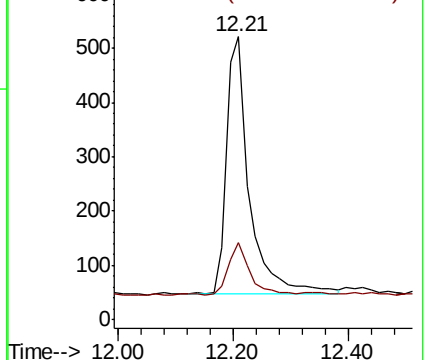
152 100

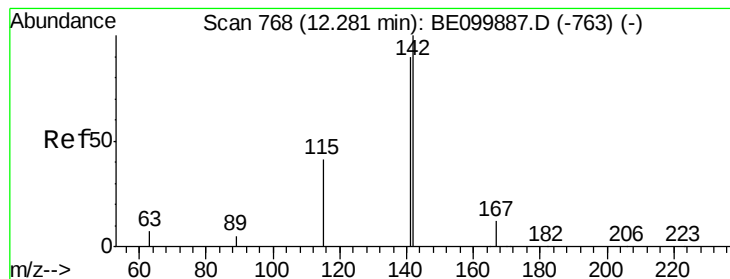
151 18.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.073 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30311-20190607

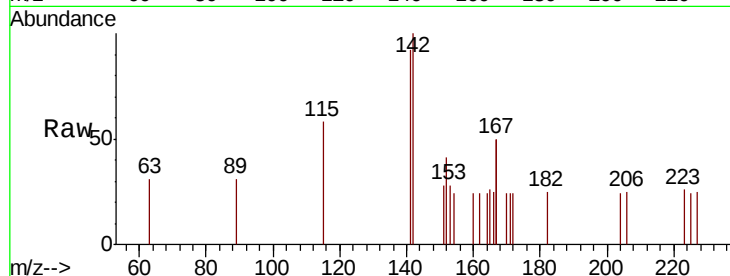
Tot Ion:142 Resp: 318

Ion Ratio Lower Upper

142 100

141 92.4 72.3 108.5

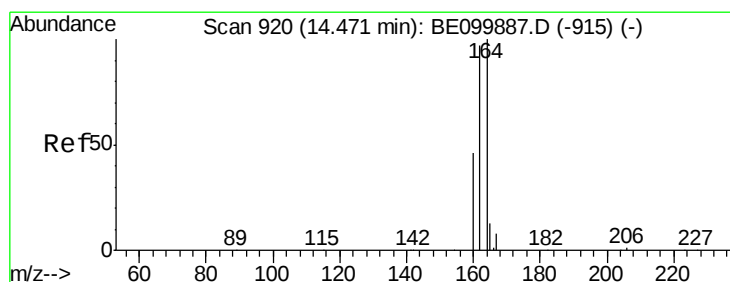
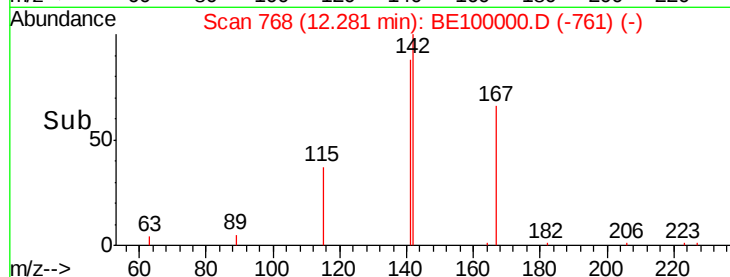
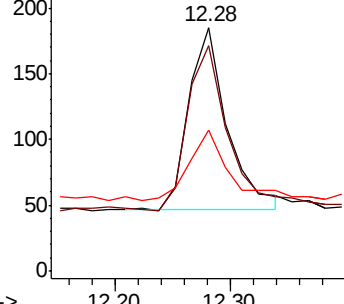
115 57.8 36.4 54.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

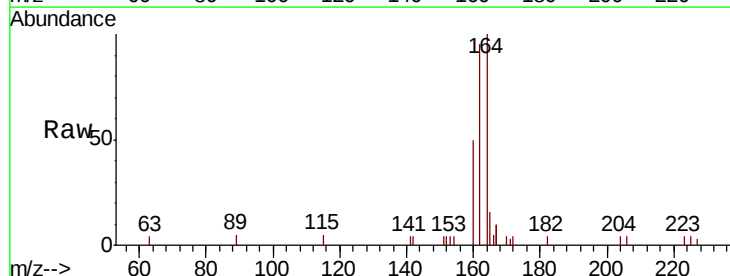
Tgt Ion:164 Resp: 2072

Ion Ratio Lower Upper

164 100

162 95.0 77.8 116.8

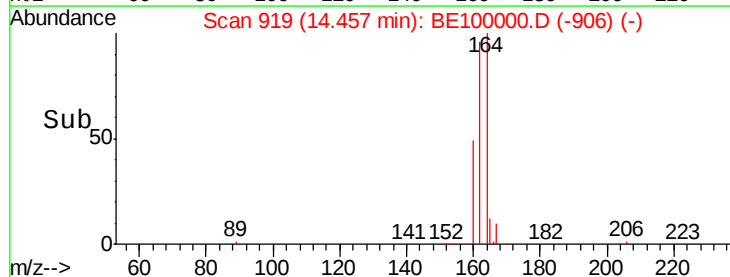
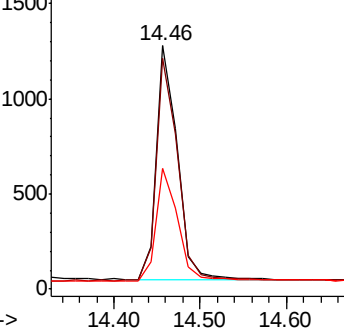
160 49.8 38.2 57.4

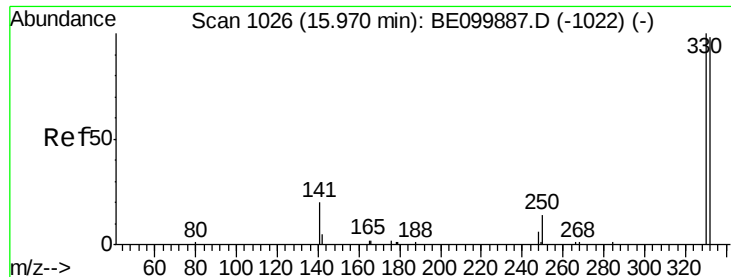


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

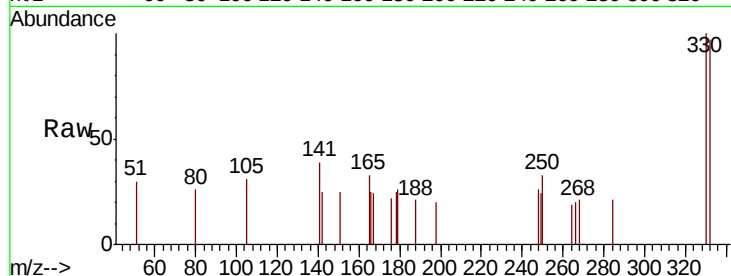




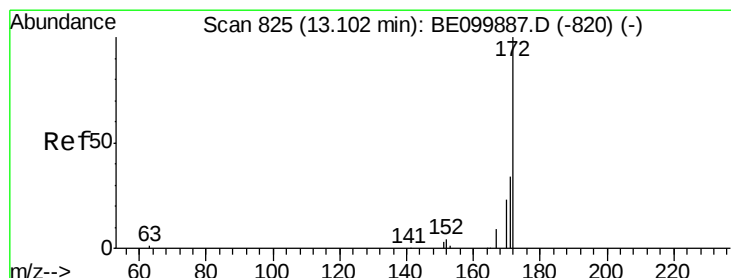
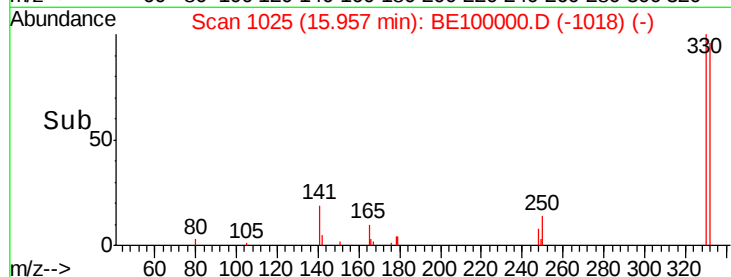
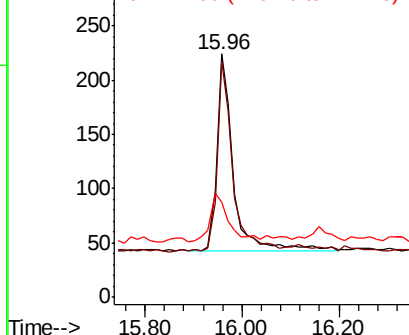
#14
 2,4,6-Tribromophenol
 Concen: 0.272 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE100000.D
 Acq: 13 Jun 2019 21:26

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30311-20190607

Tot Ion:330 Resp: 416
 Ion Ratio Lower Upper
 330 100
 332 89.7 76.7 115.1
 141 27.9 21.0 31.6

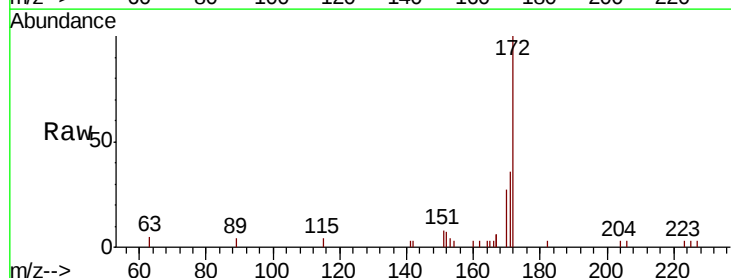


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

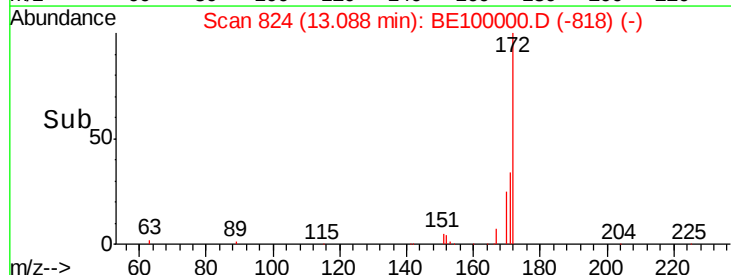
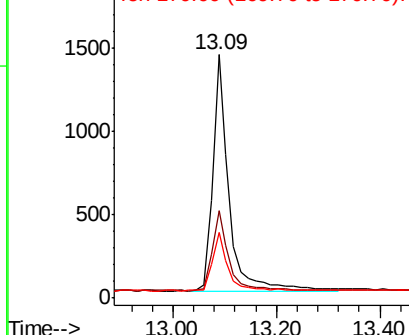


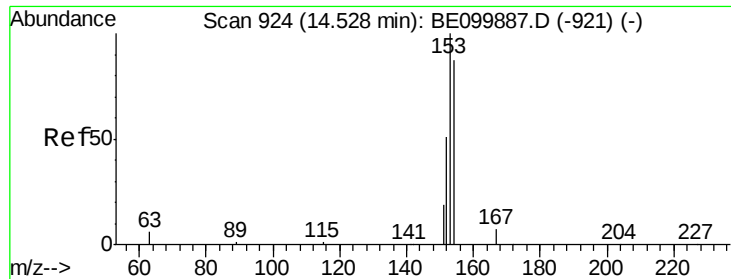
#15
 2-Fluorobiphenyl
 Concen: 0.394 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE100000.D
 Acq: 13 Jun 2019 21:26

Tgt Ion:172 Resp: 3099
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 27.2 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





#17

Acenaphthene

Concen: 0.022 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30311-20190607

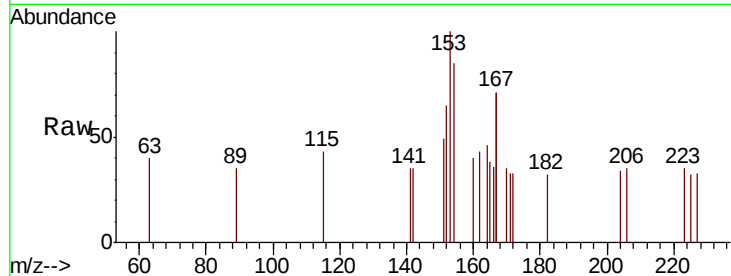
Tot Ion:154 Resp: 122

Ion Ratio Lower Upper

154 100

153 117.2 93.1 139.7

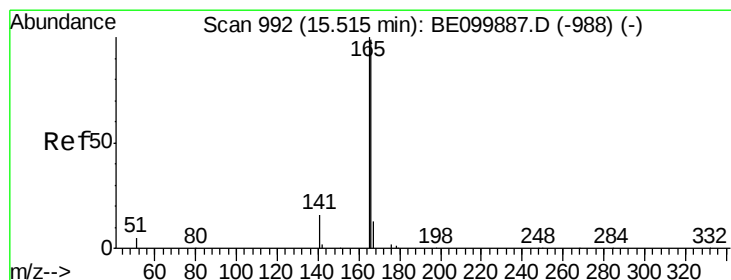
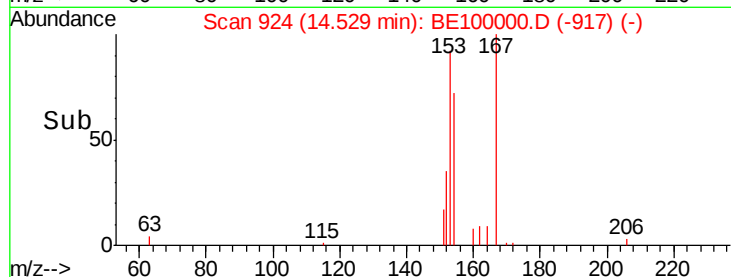
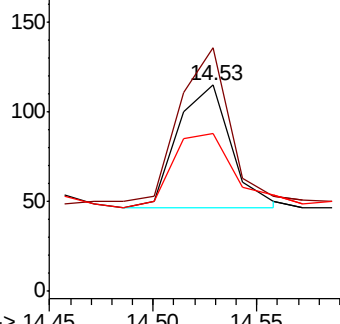
152 70.5 47.0 70.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.031 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

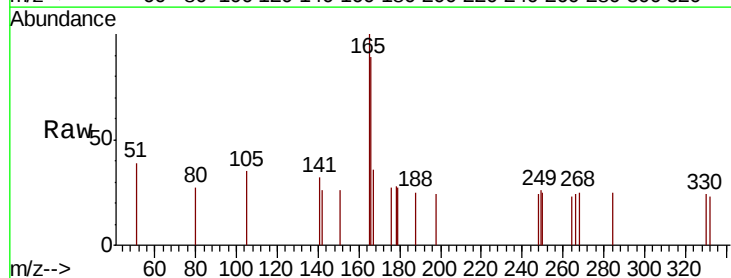
Tgt Ion:166 Resp: 263

Ion Ratio Lower Upper

166 100

165 103.0 81.8 122.8

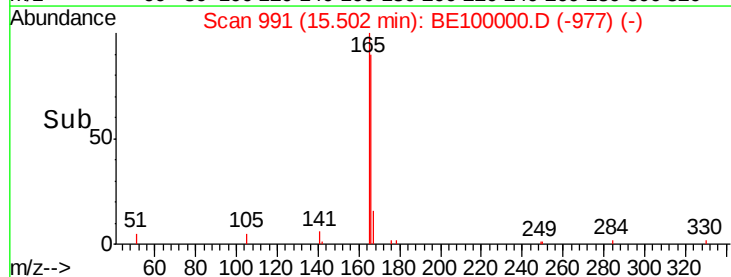
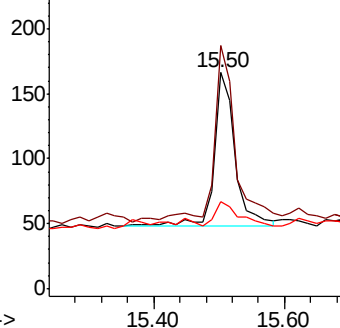
167 17.9 11.2 16.8#

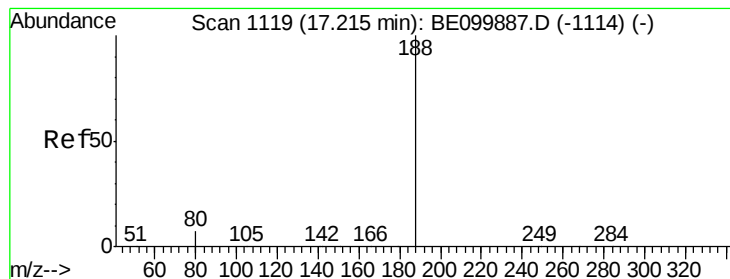


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30311-20190607

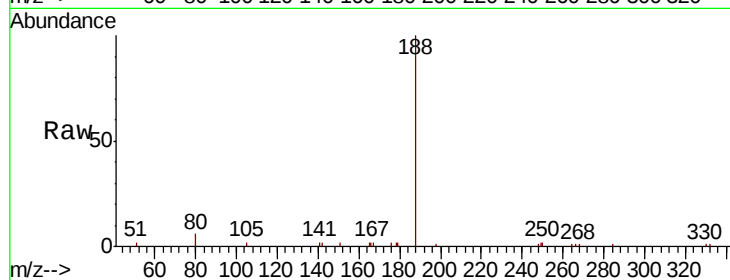
Tot Ion:188 Resp: 6671

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

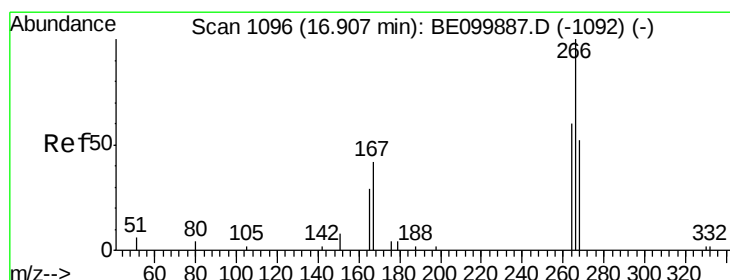
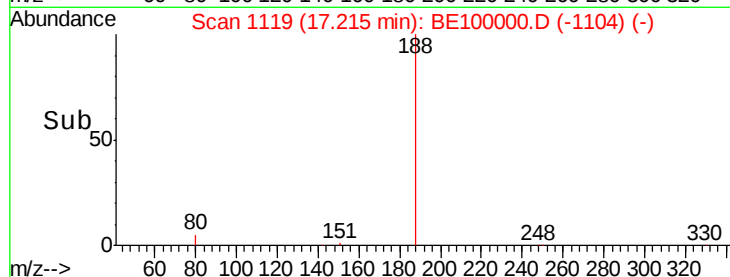
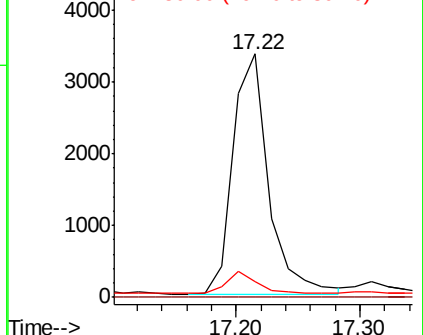
80 6.4 6.4 9.6#



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: 0.377 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

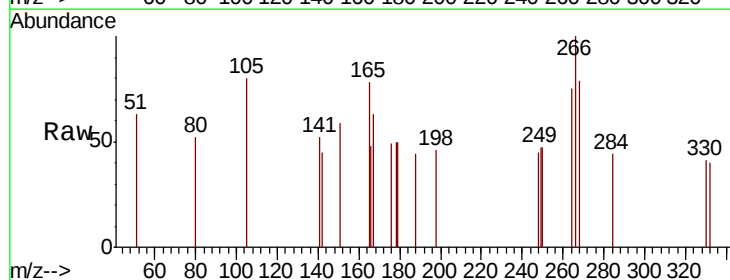
Tgt Ion:266 Resp: 143

Ion Ratio Lower Upper

266 100

264 74.8 62.2 93.2

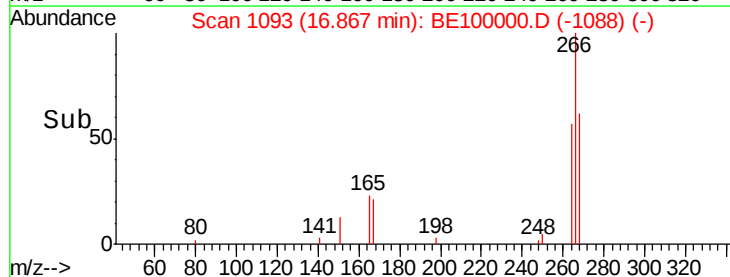
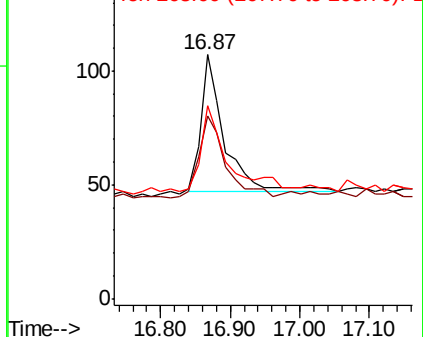
268 79.4 65.5 98.3

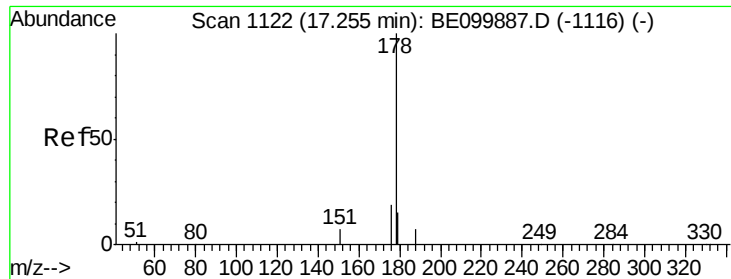


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.051 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30311-20190607

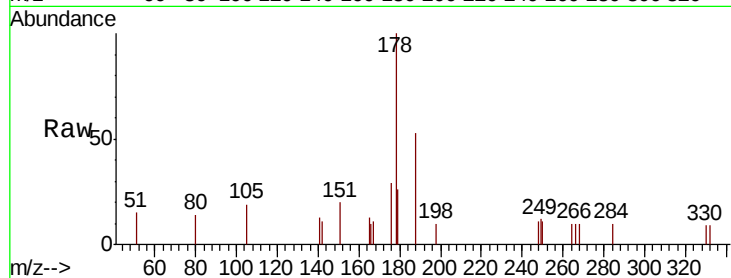
Tot Ion:178 Resp: 830

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

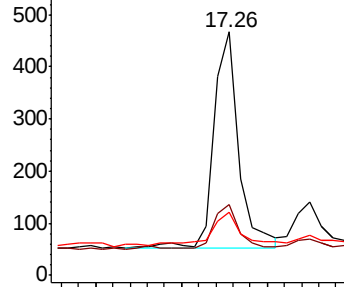
179 19.4 12.4 18.6#



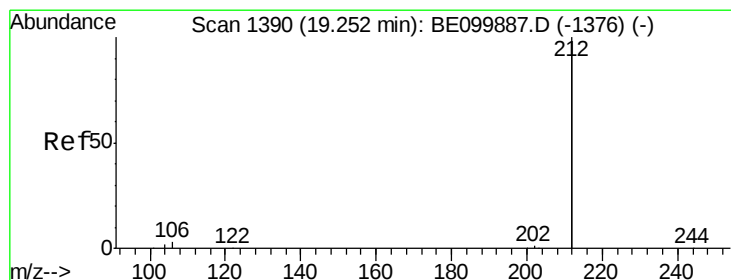
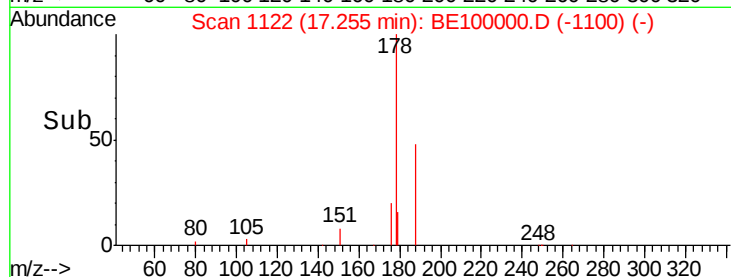
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.318 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

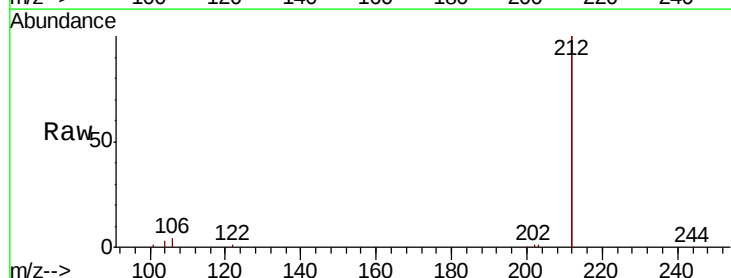
Tgt Ion:212 Resp: 30955

Ion Ratio Lower Upper

212 100

106 2.0 1.4 2.2

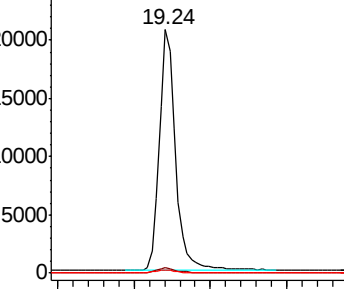
104 1.1 0.9 1.3



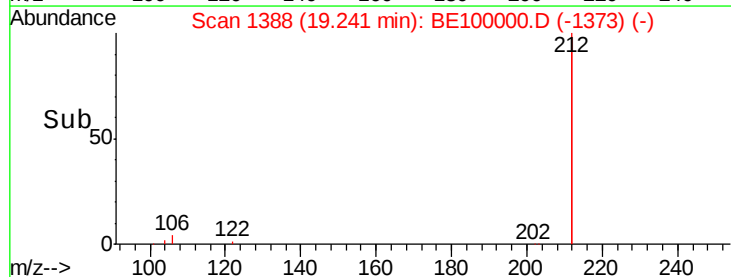
Abundance Ion 212.00 (211.70 to 212.70): E

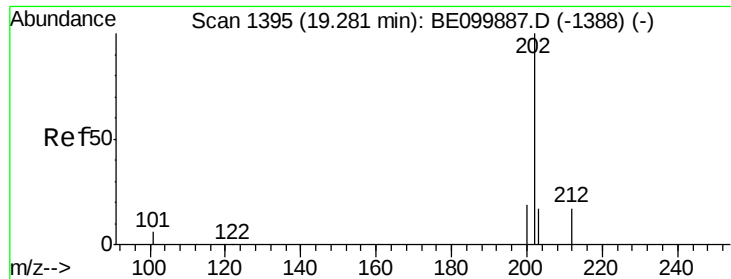
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

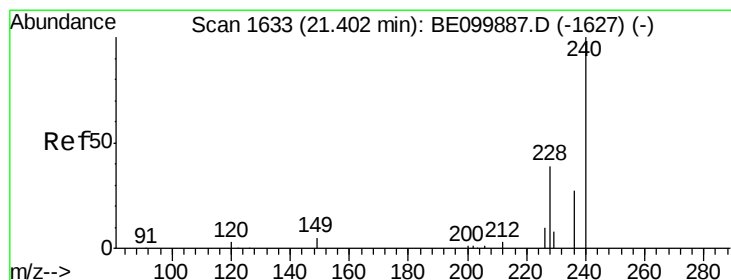
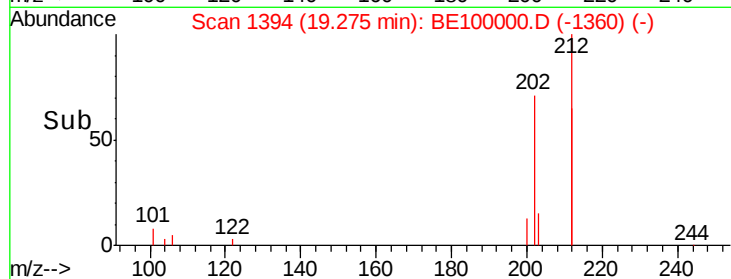
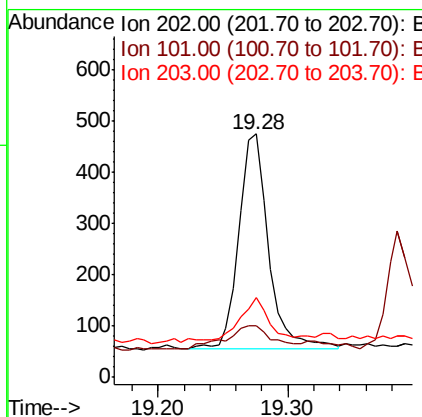
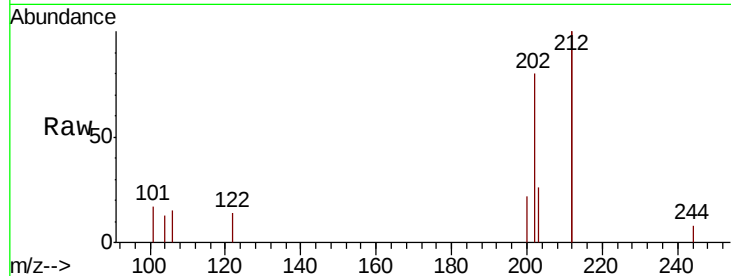




#26
 Fluoranthene
 Concen: 0.024 ng
 RT: 19.28 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BE100000.D
 Acq: 13 Jun 2019 21:26

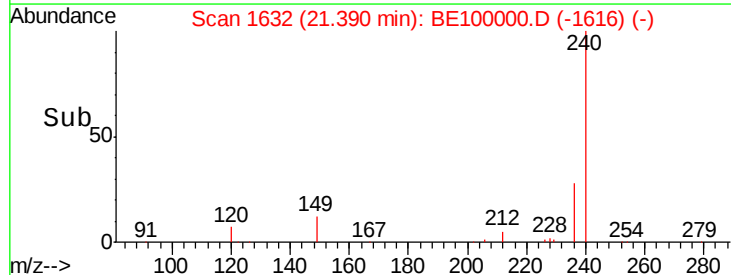
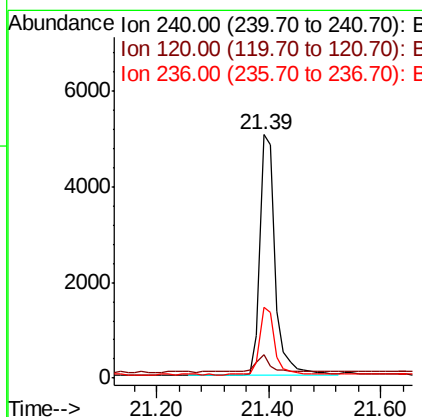
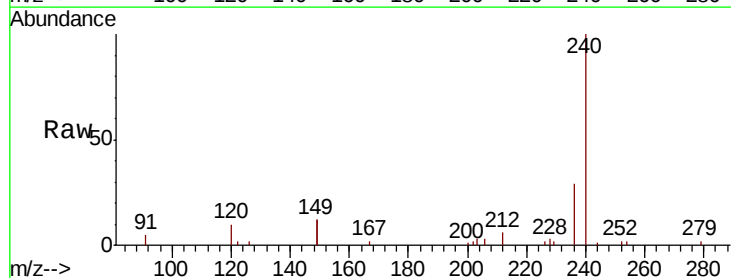
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30311-20190607

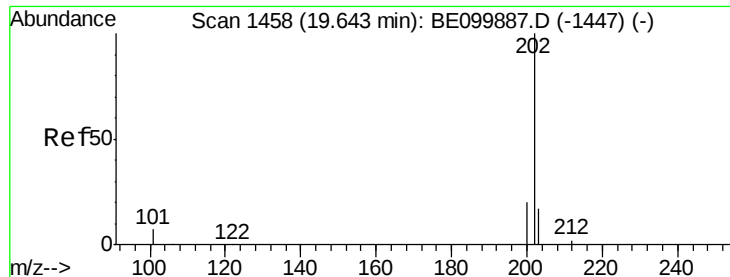
Tot Ion:202 Resp: 667
 Ion Ratio Lower Upper
 202 100
 101 17.1 5.4 8.0#
 203 18.0 13.2 19.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE100000.D
 Acq: 13 Jun 2019 21:26

Tgt Ion:240 Resp: 9740
 Ion Ratio Lower Upper
 240 100
 120 9.9 3.8 5.6#
 236 29.2 22.0 33.0

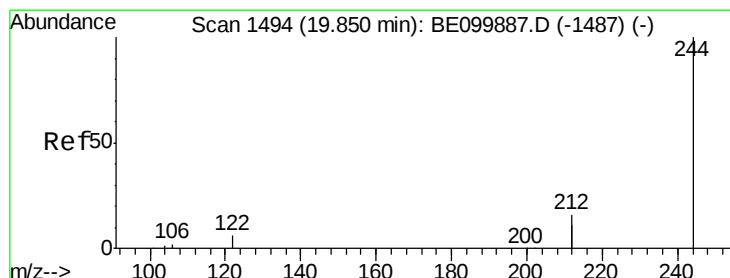
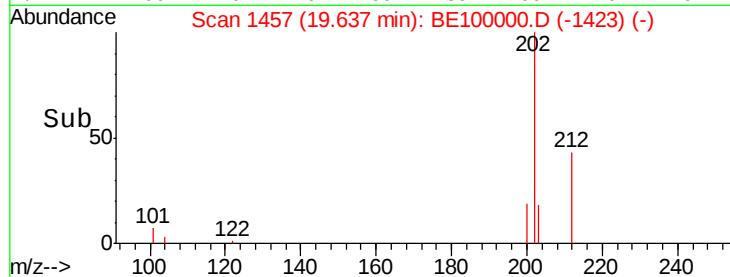
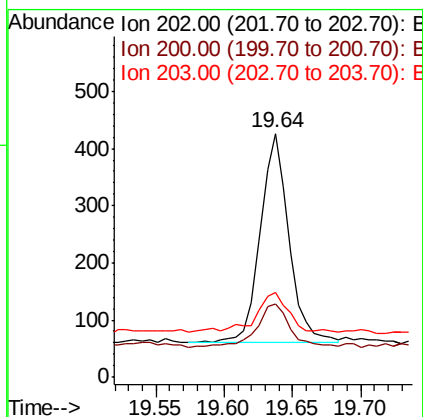
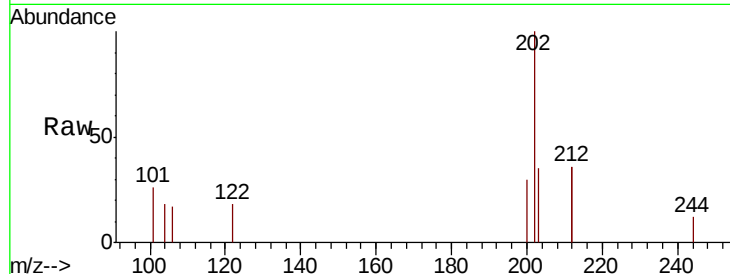




#28
Pvrene
Concen: 0.021 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BE100000.D
Acq: 13 Jun 2019 21:26

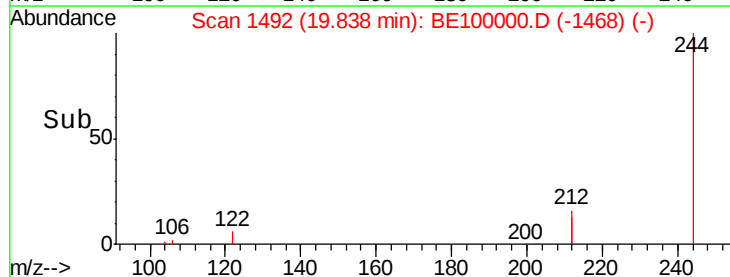
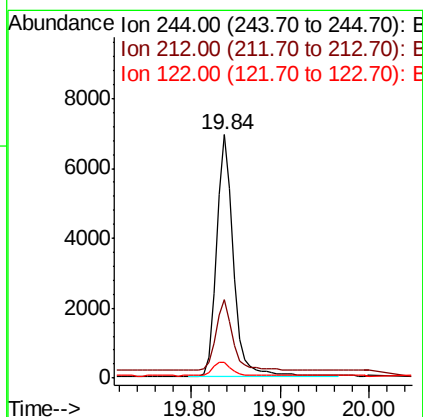
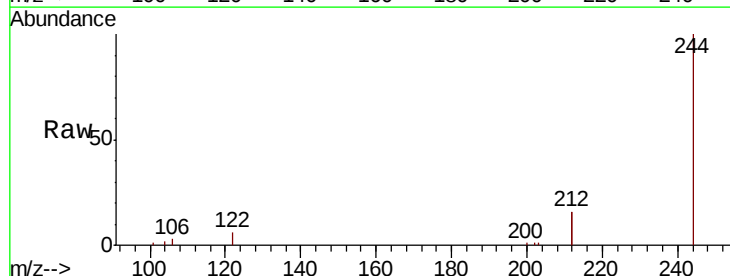
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303I1-20190607

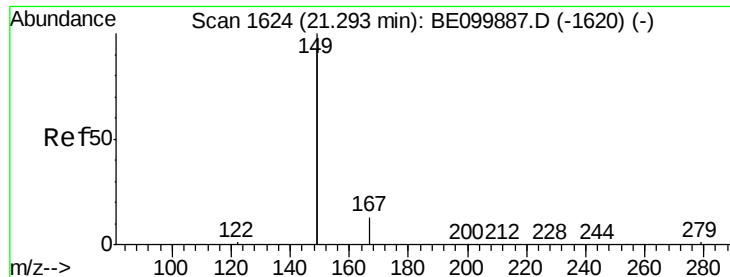
Tot Ion:202 Resp: 526
Ion Ratio Lower Upper
202 100
200 24.0 15.5 23.3#
203 25.3 14.0 21.0#



#29
Terphenyl-d14
Concen: 0.515 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE100000.D
Acq: 13 Jun 2019 21:26

Tgt Ion:244 Resp: 9030
Ion Ratio Lower Upper
244 100
212 32.2 25.7 38.5
122 6.5 5.5 8.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.499 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100000.D

Acq: 13 Jun 2019 21:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30311-20190607

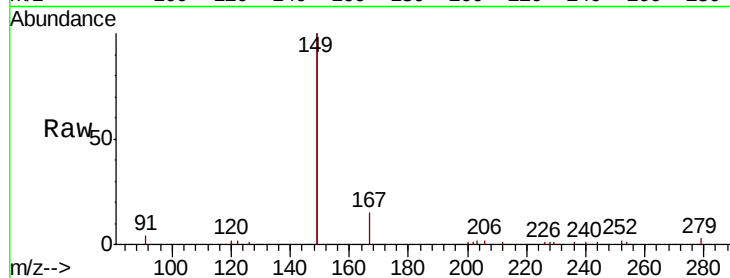
Tot Ion:149 Resp: 20835

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

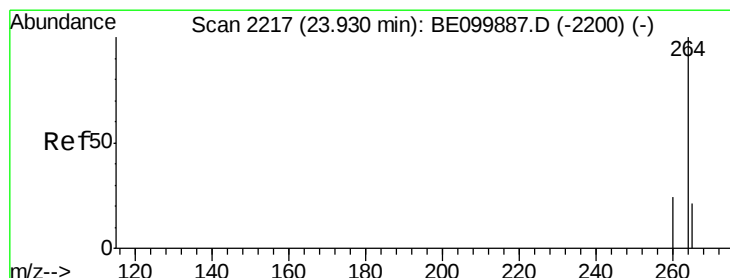
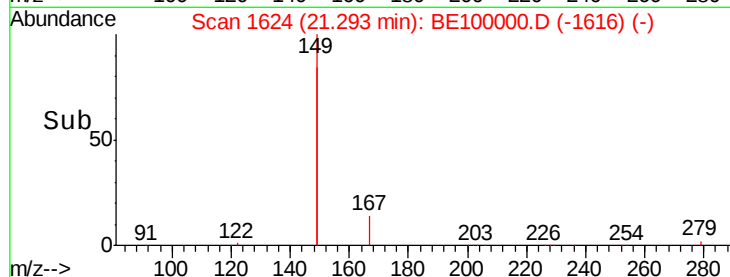
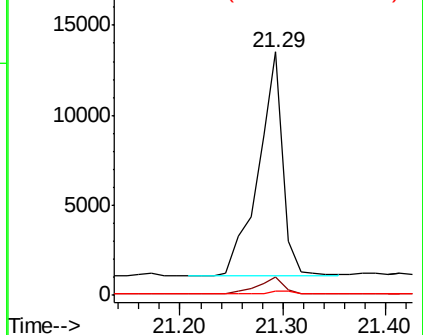
279 1.3 1.2 1.8



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: BE100000.D

Acq: 13 Jun 2019 21:26

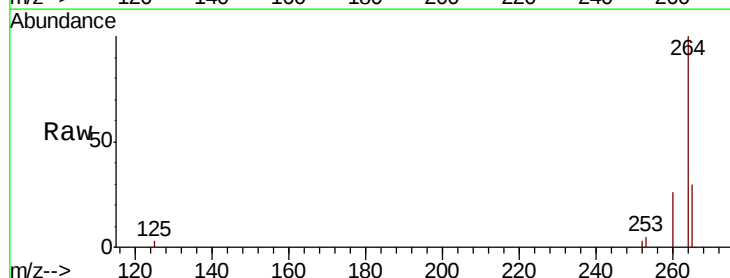
Tgt Ion:264 Resp: 11131

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

265 30.1 22.0 33.0



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

