

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
 Data File : BE100688.D
 Acq On : 28 Oct 2019 23:59
 Operator : JU
 Sample : K5531-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW203D2-GW-20191021

Quant Time: Oct 29 11:54:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

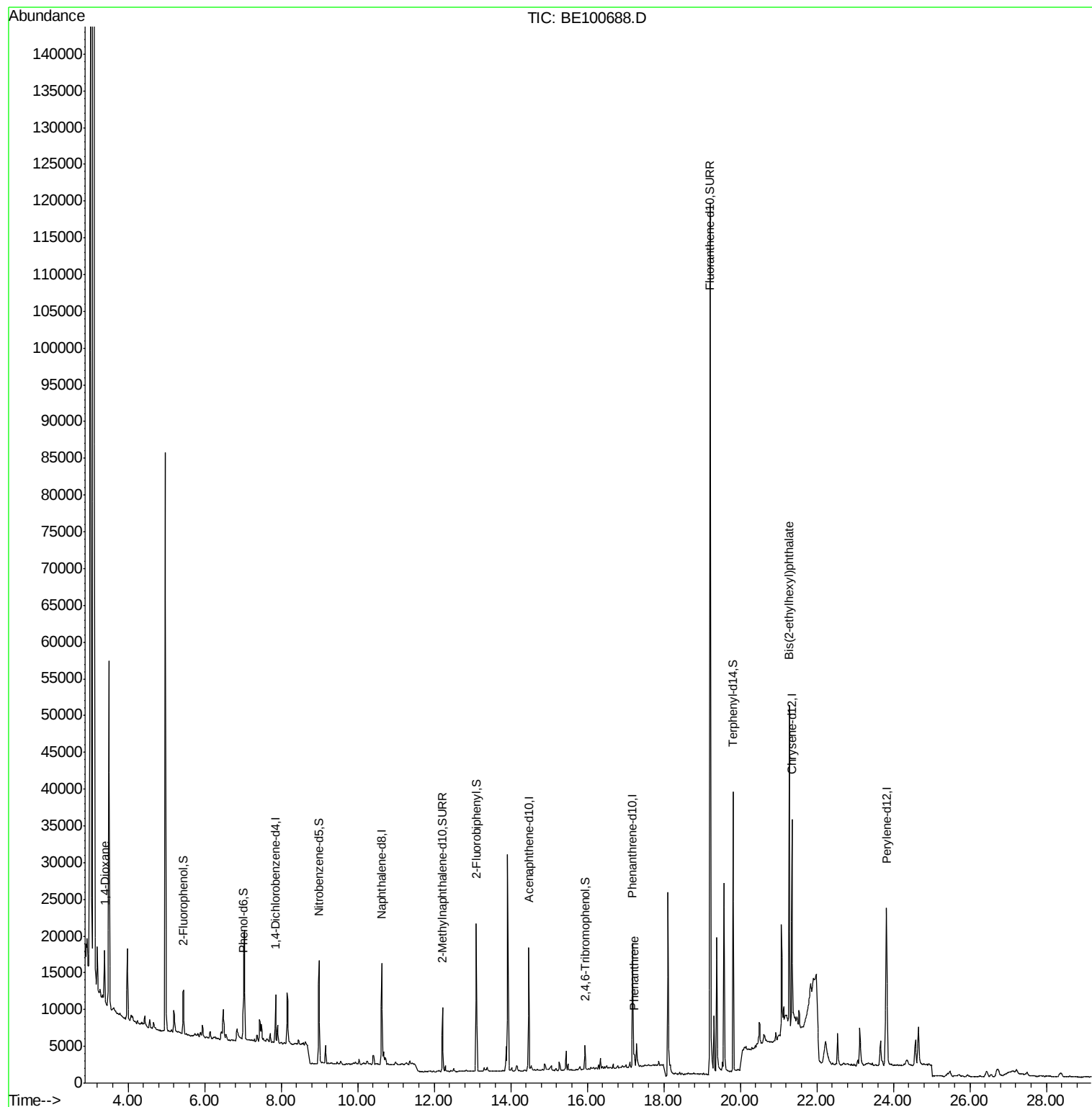
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3393	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14898	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	9710	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	24325	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	27165	0.40	ng	0.00
34) Perylene-d12	23.82	264	30483	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	3431	0.33	ng	0.00
5) Phenol-d6	7.01	99	3503	0.24	ng	0.00
8) Nitrobenzene-d5	8.99	82	5758	0.62	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11258	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1818	0.71	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	18160	0.51	ng	0.00
25) Fluoranthene-d10	19.21	212	157799	0.50	ng	0.00
29) Terphenyl-d14	19.82	244	35844	0.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.38	88	4923	0.813	ng	# 66
23) Phenanthrene	17.23	178	1810	0.027	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.28	149	46723	0.252	ng	100

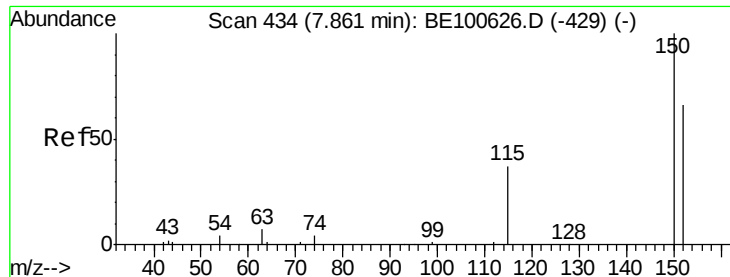
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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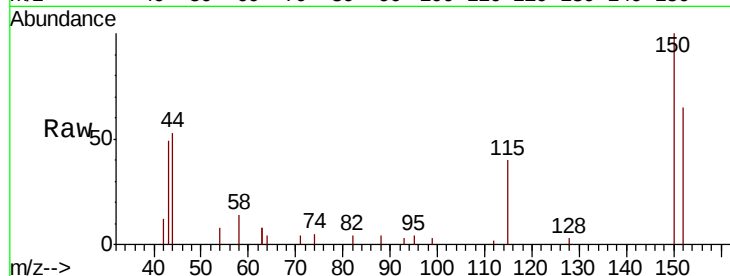


#1

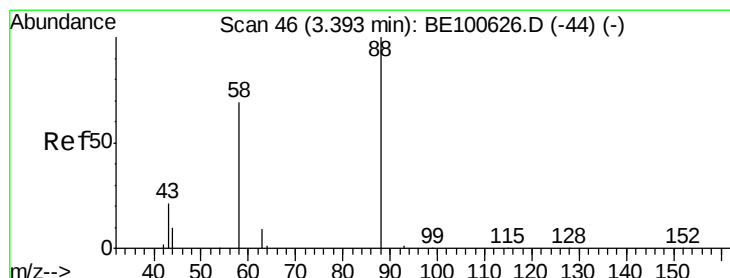
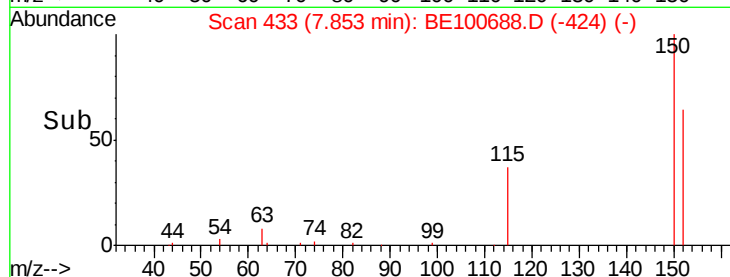
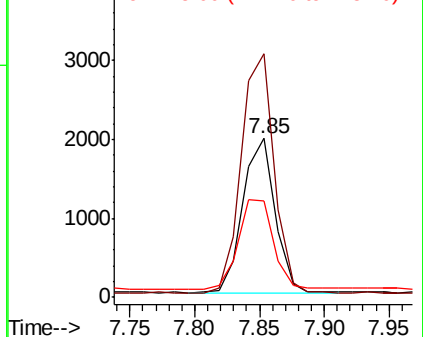
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100688.D
Acq: 28 Oct 2019 23:59

Instrument :
BNA_E
ClientSampleId :
BP-TT-MW203D2-GW-20191021

Tot Ion:152 Resp: 3393
Ion Ratio Lower Upper
152 100
150 153.1 123.3 184.9
115 60.9 51.9 77.9



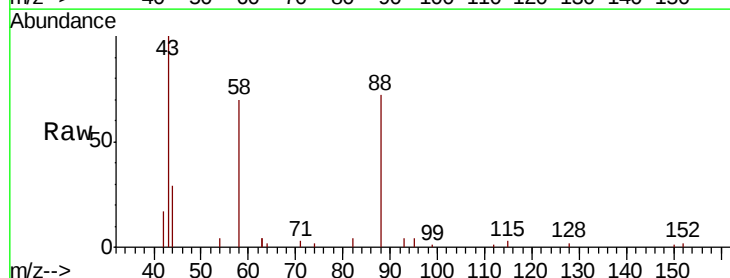
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



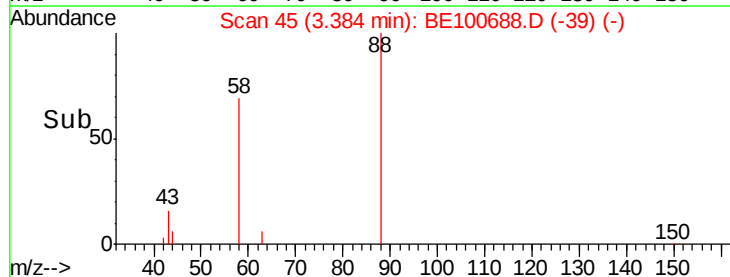
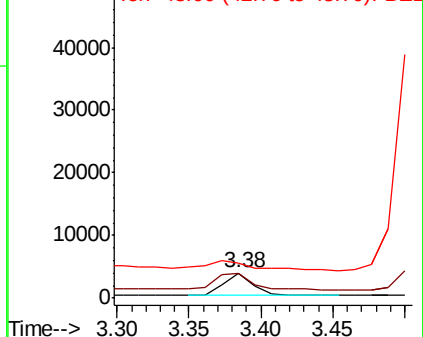
#2

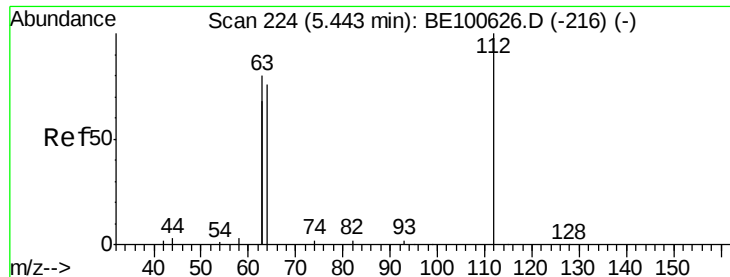
1,4-Dioxane
Concen: 0.813 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100688.D
Acq: 28 Oct 2019 23:59

Tgt Ion: 88 Resp: 4923
Ion Ratio Lower Upper
88 100
58 87.5 59.8 89.6
43 73.7 24.6 36.8#



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: 0.327 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100688.D

Acq: 28 Oct 2019 23:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW203D2-GW-20191021

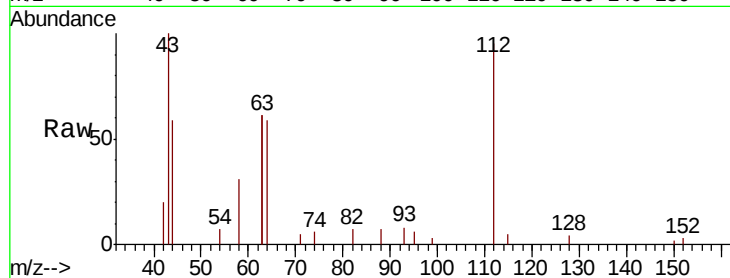
Tot Ion:112 Resp: 3431

Ion Ratio Lower Upper

112 100

64 72.4 55.4 83.2

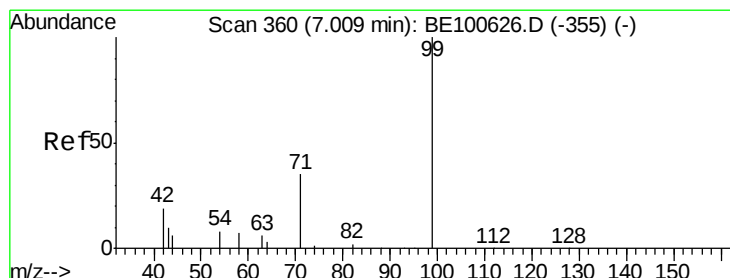
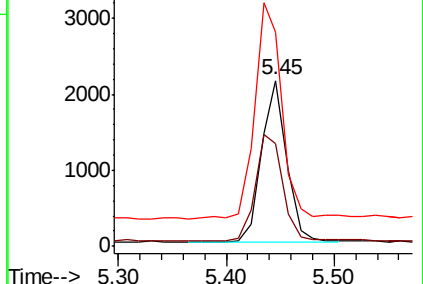
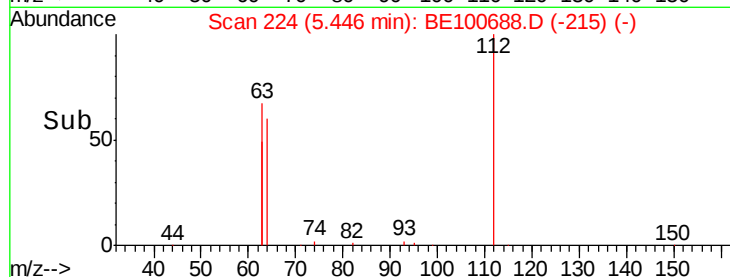
63 143.7 114.2 171.4



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: 0.237 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100688.D

Acq: 28 Oct 2019 23:59

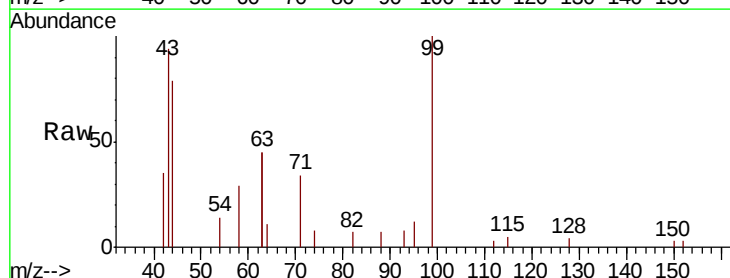
Tgt Ion: 99 Resp: 3503

Ion Ratio Lower Upper

99 100

42 43.1 17.7 26.5#

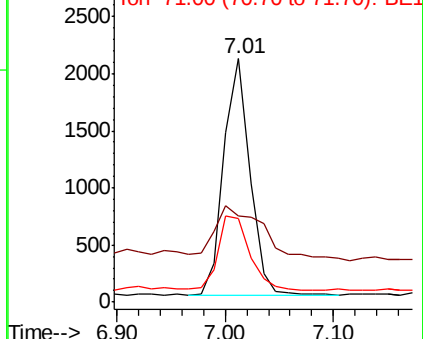
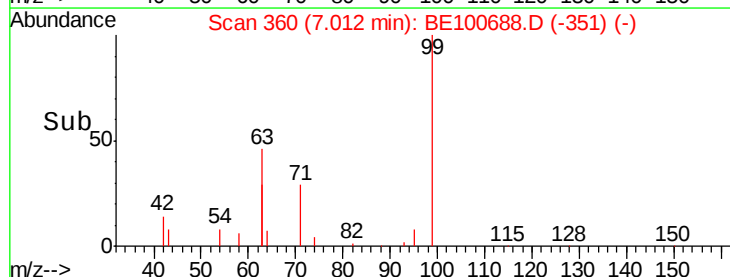
71 38.5 27.4 41.0

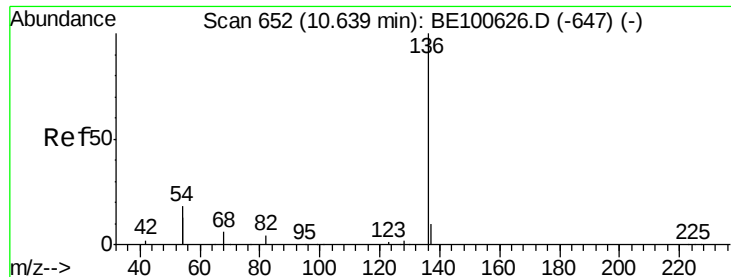


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE100688.D

Acq: 28 Oct 2019 23:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW203D2-GW-20191021

Tot Ion:136 Resp: 14898

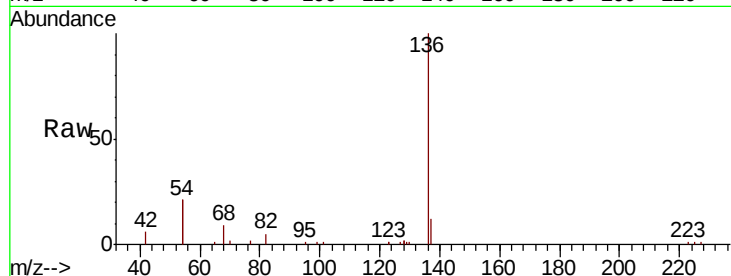
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 41.2 39.4 59.2

68 8.5 8.0 12.0

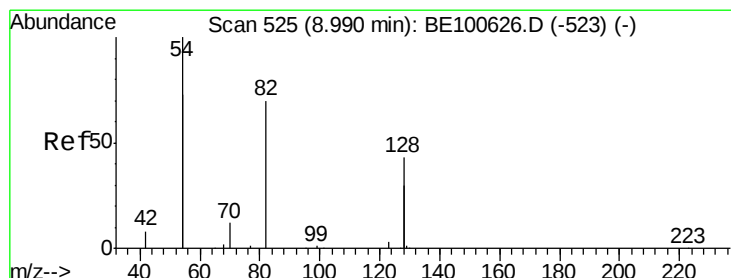
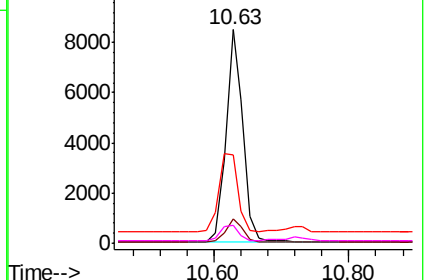
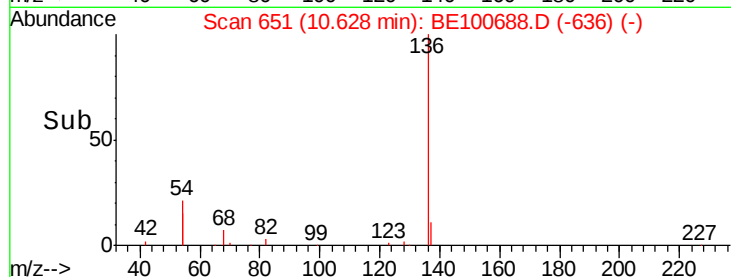


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.624 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE100688.D

Acq: 28 Oct 2019 23:59

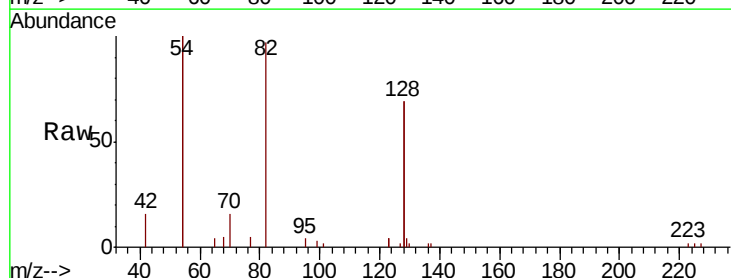
Tgt Ion: 82 Resp: 5758

Ion Ratio Lower Upper

82 100

128 140.9 107.8 161.8

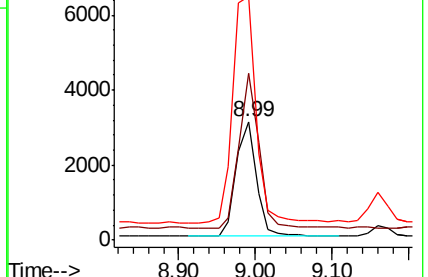
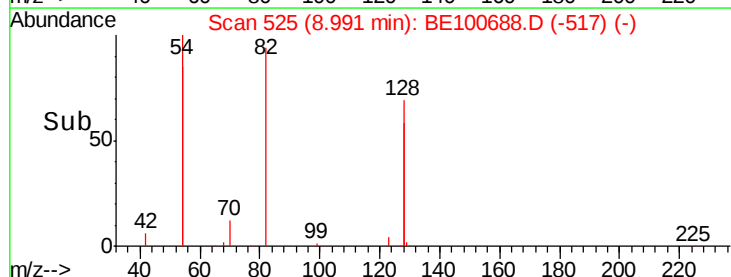
54 205.2 166.1 249.1

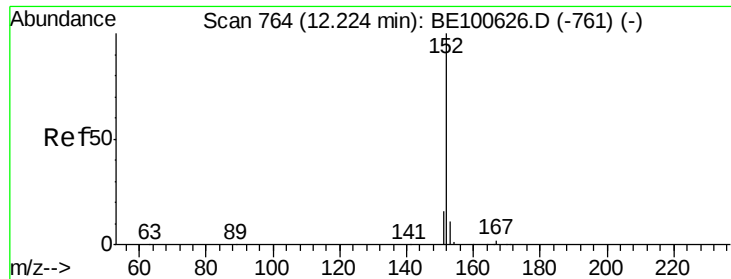


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

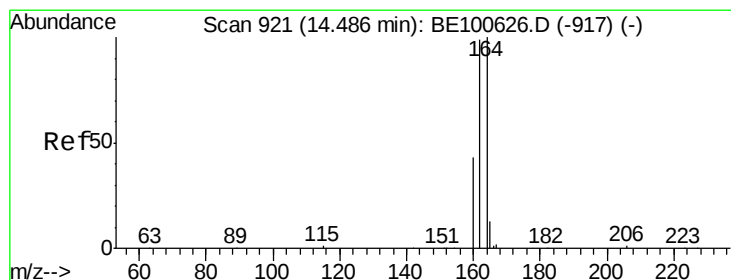
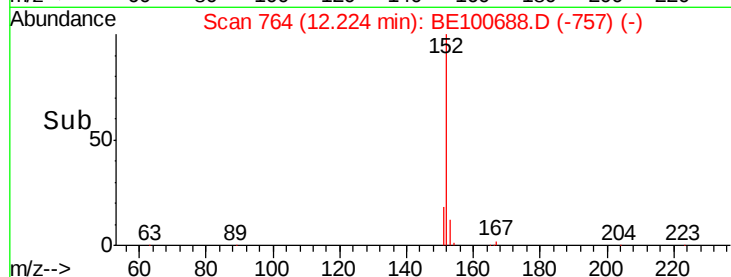
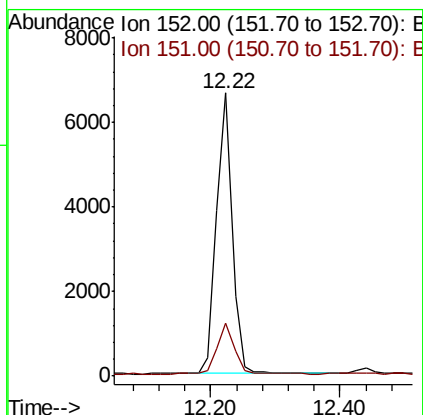
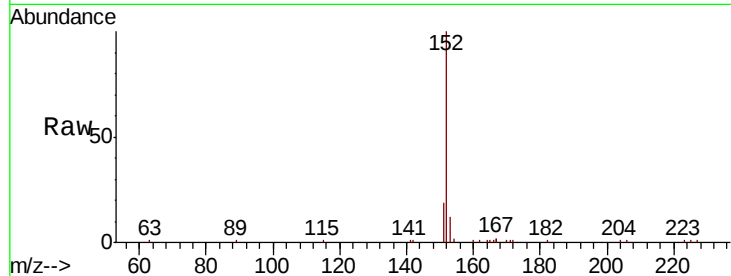




#11
 2-Methylnaphthalene-d10
 Concen: 0.479 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE100688.D
 Acq: 28 Oct 2019 23:59

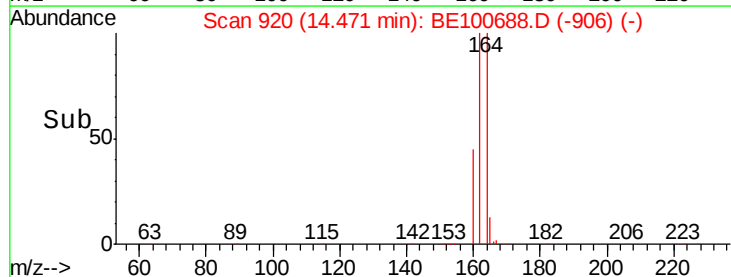
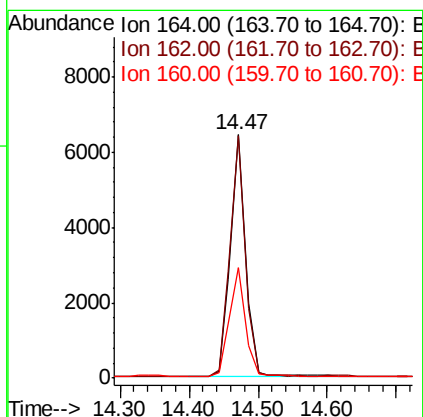
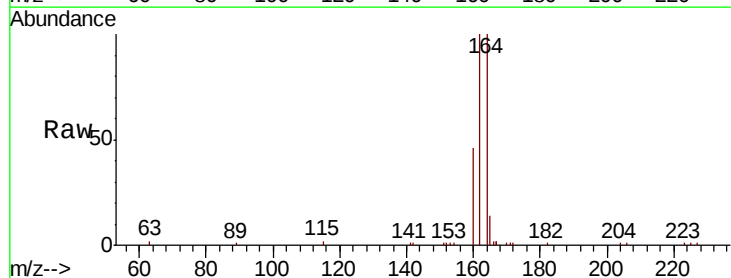
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW203D2-GW-20191021

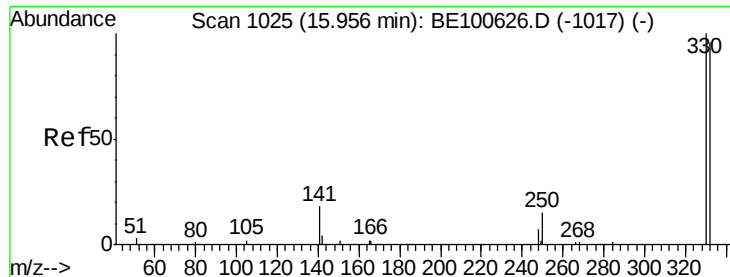
Tot Ion:152 Resp: 11258
 Ion Ratio Lower Upper
 152 100
 151 19.1 14.7 22.1



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE100688.D
 Acq: 28 Oct 2019 23:59

Tgt Ion:164 Resp: 9710
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.0 123.0
 160 45.6 37.5 56.3





#14

2,4,6-Tribromophenol

Concen: 0.709 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE100688.D

Acq: 28 Oct 2019 23:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW203D2-GW-20191021

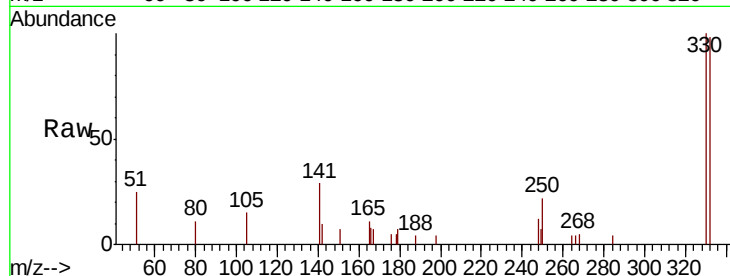
Tot Ion:330 Resp: 1818

Ion Ratio Lower Upper

330 100

332 97.9 77.9 116.9

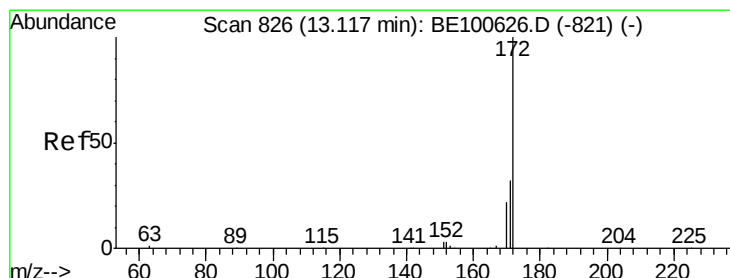
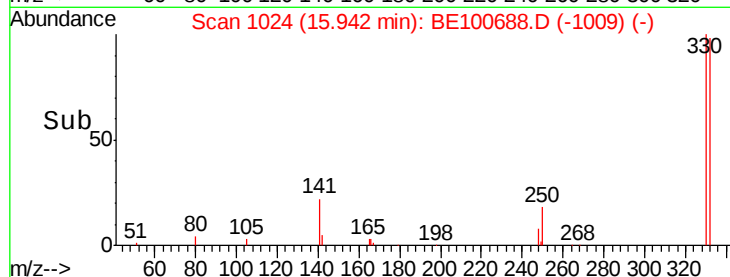
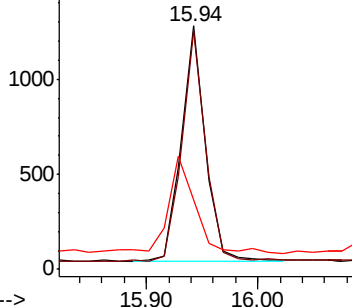
141 47.3 33.0 49.6



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: 0.513 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE100688.D

Acq: 28 Oct 2019 23:59

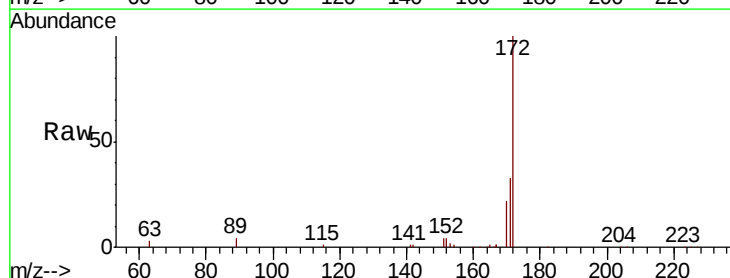
Tgt Ion:172 Resp: 18160

Ion Ratio Lower Upper

172 100

171 32.8 26.5 39.7

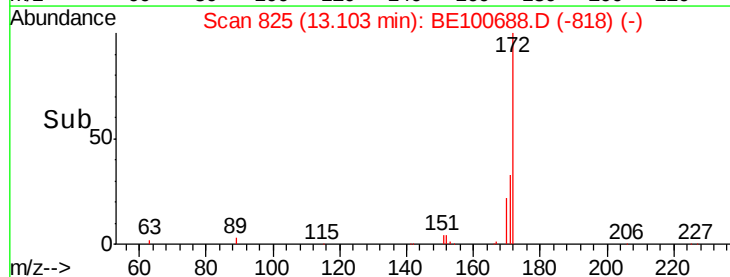
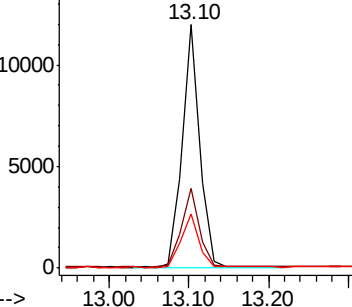
170 22.3 19.0 28.4

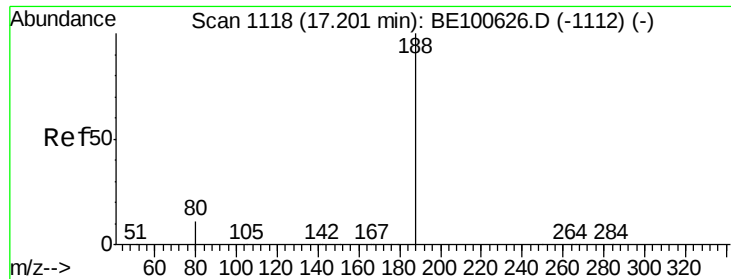


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

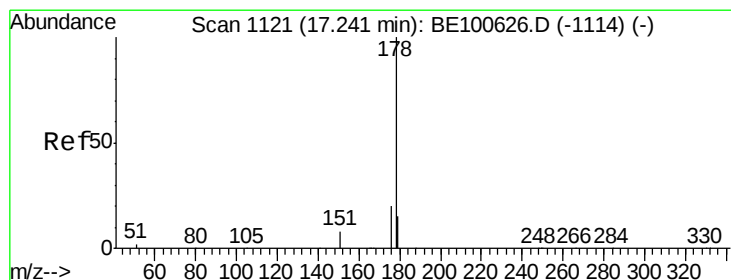
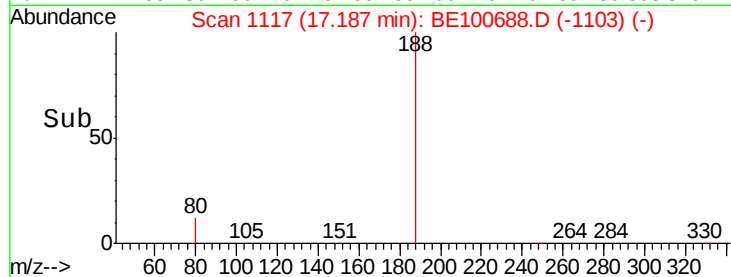
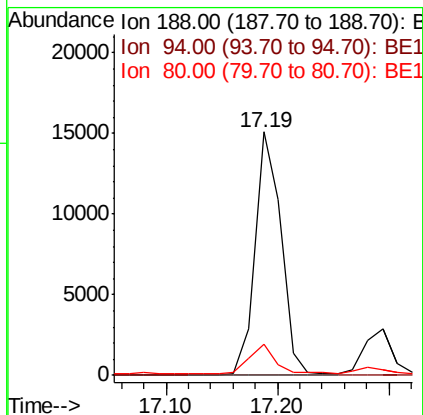
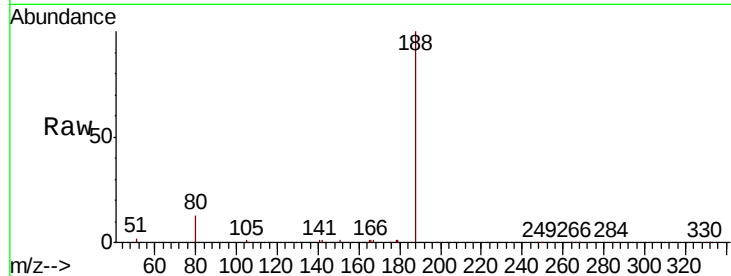




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100688.D
Acq: 28 Oct 2019 23:59

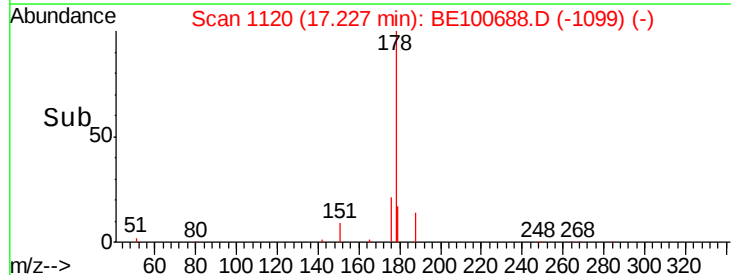
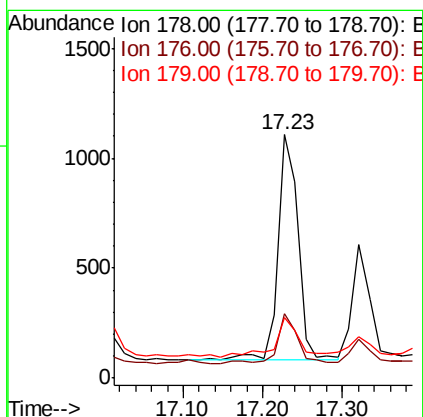
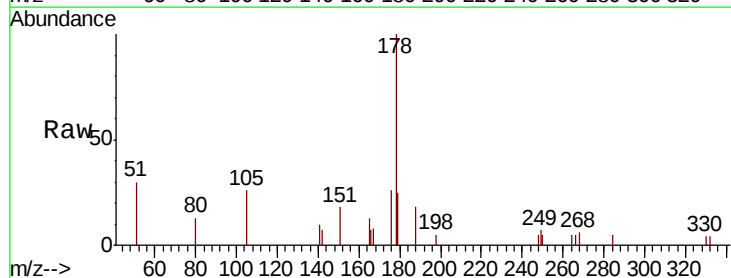
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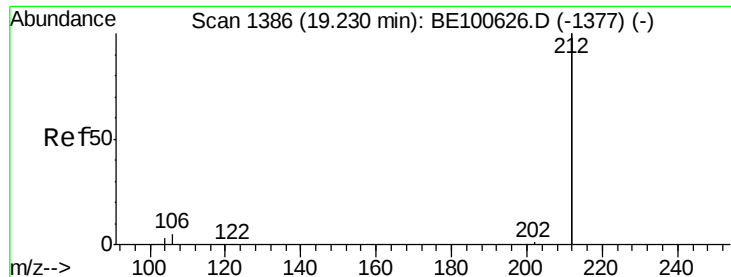
Tot Ion:188 Resp: 24325
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 5.4 8.0#



#23
Phenanthrene
Concen: 0.027 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE100688.D
Acq: 28 Oct 2019 23:59

Tgt Ion:178 Resp: 1810
Ion Ratio Lower Upper
178 100
176 21.3 15.2 22.8
179 20.2 12.1 18.1#





#25

Fluoranthene-d10

Concen: 0.503 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BE100688.D

Acq: 28 Oct 2019 23:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW203D2-GW-20191021

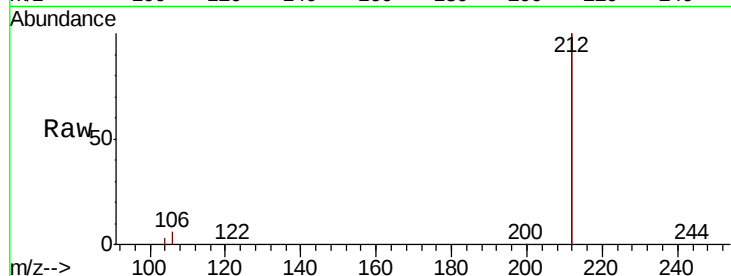
Tot Ion:212 Resp: 157799

Ion Ratio Lower Upper

212 100

106 3.1 2.3 3.5

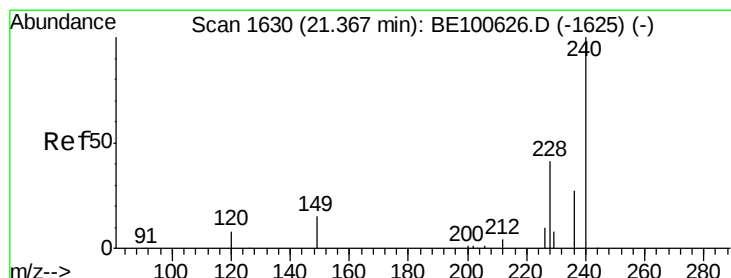
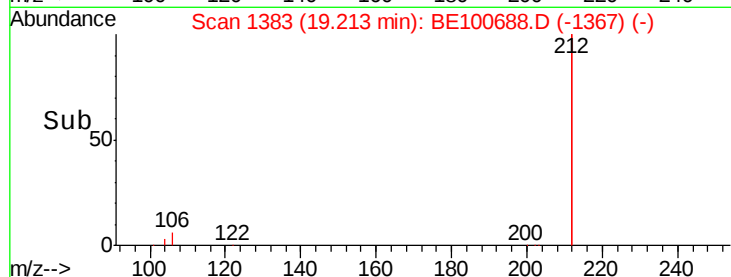
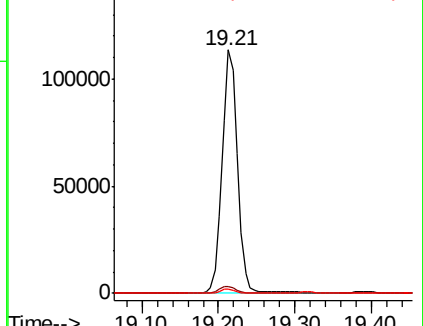
104 1.6 1.3 1.9



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: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100688.D

Acq: 28 Oct 2019 23:59

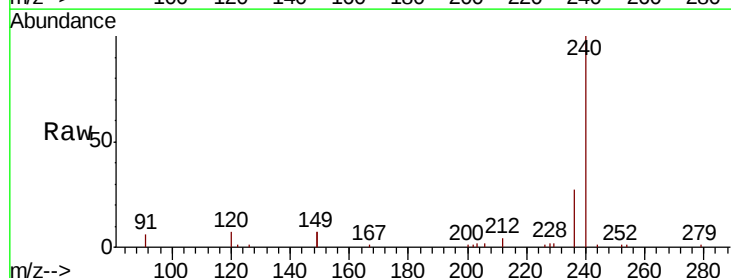
Tgt Ion:240 Resp: 27165

Ion Ratio Lower Upper

240 100

120 6.7 7.6 11.4#

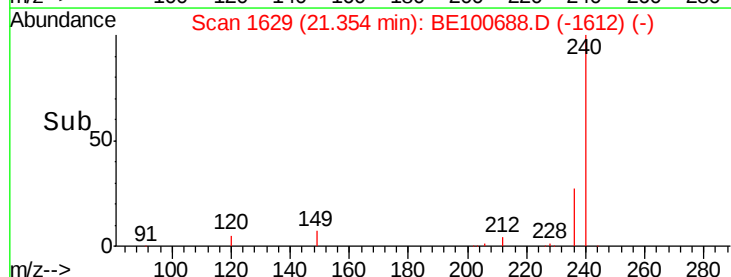
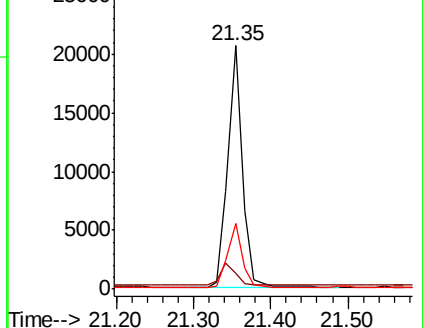
236 27.0 22.1 33.1

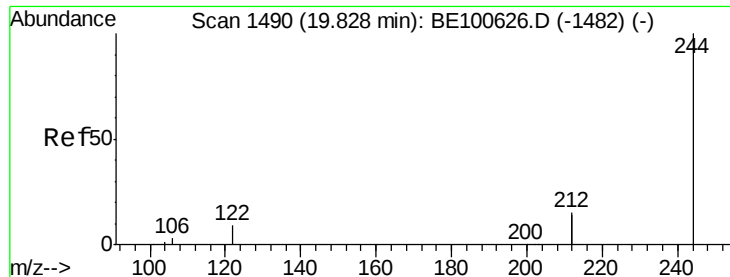


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.604 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE100688.D

Acq: 28 Oct 2019 23:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW203D2-GW-20191021

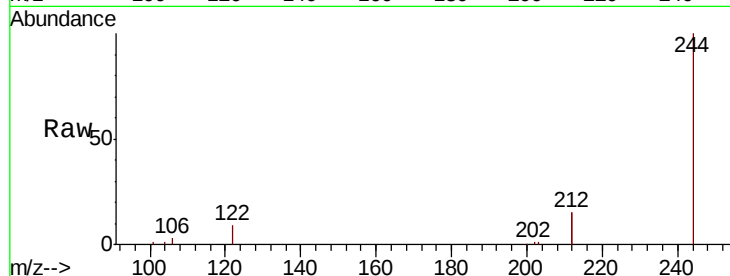
Tot Ion:244 Resp: 35844

Ion Ratio Lower Upper

244 100

212 29.2 23.7 35.5

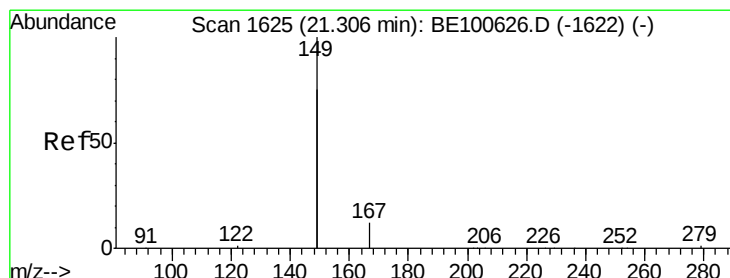
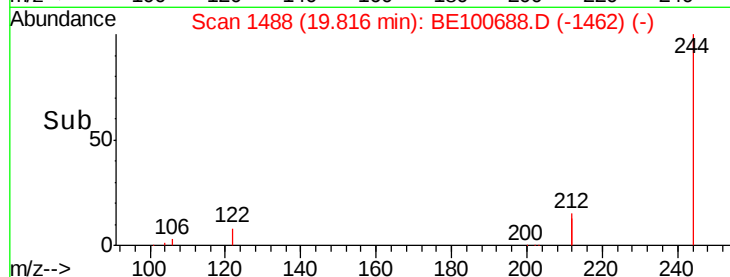
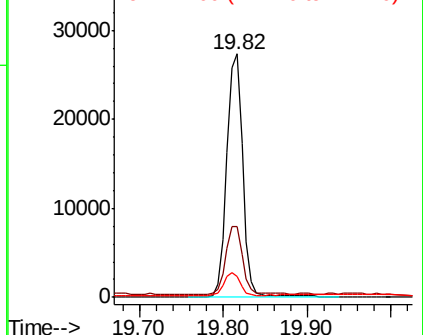
122 8.7 7.9 11.9



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: 0.252 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100688.D

Acq: 28 Oct 2019 23:59

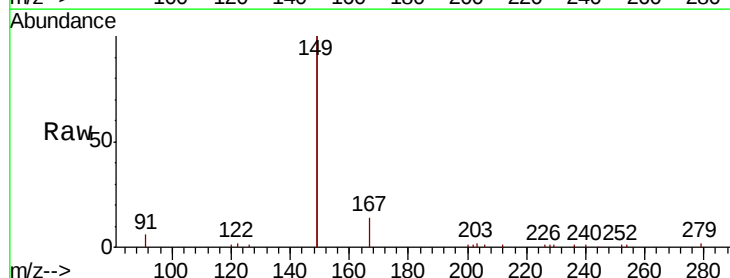
Tgt Ion:149 Resp: 46723

Ion Ratio Lower Upper

149 100

167 6.8 5.5 8.3

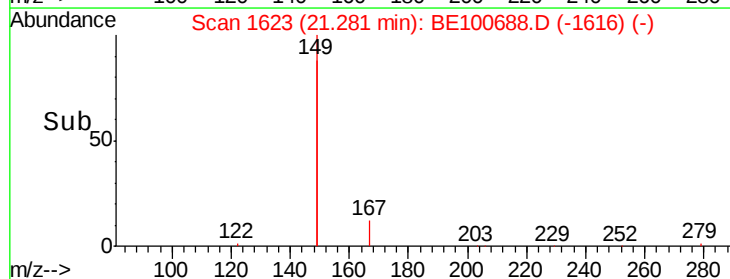
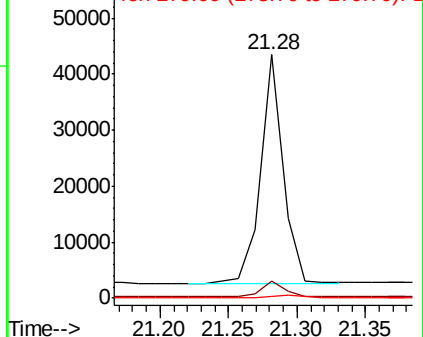
279 1.0 0.9 1.3

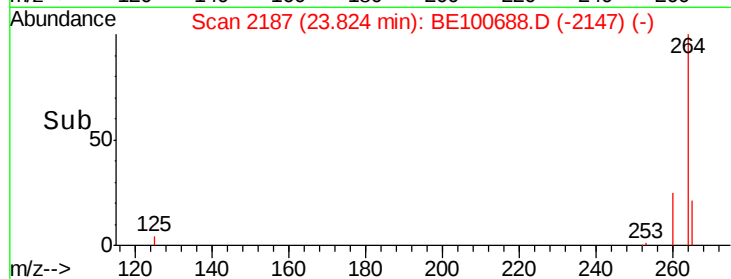
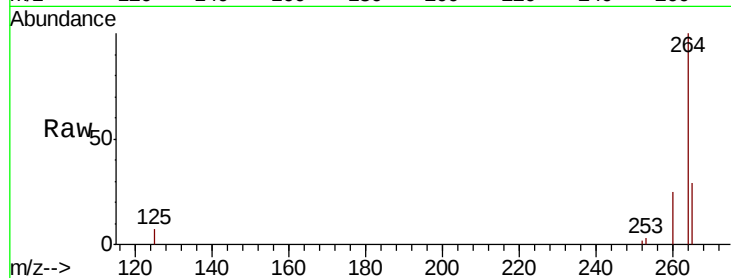
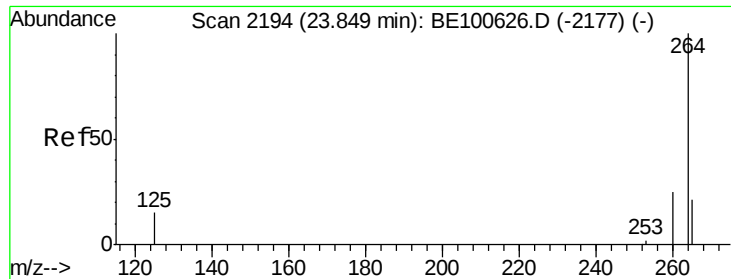


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BE100688.D

Acq: 28 Oct 2019 23:59

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW203D2-GW-20191021

Tot Ion:264 Resp: 30483

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

265 29.1 21.7 32.5

