

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100908.D
 Acq On : 14 Dec 2019 5:02
 Operator : JU
 Sample : K6251-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW203D1-20191207

Quant Time: Dec 14 05:54:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

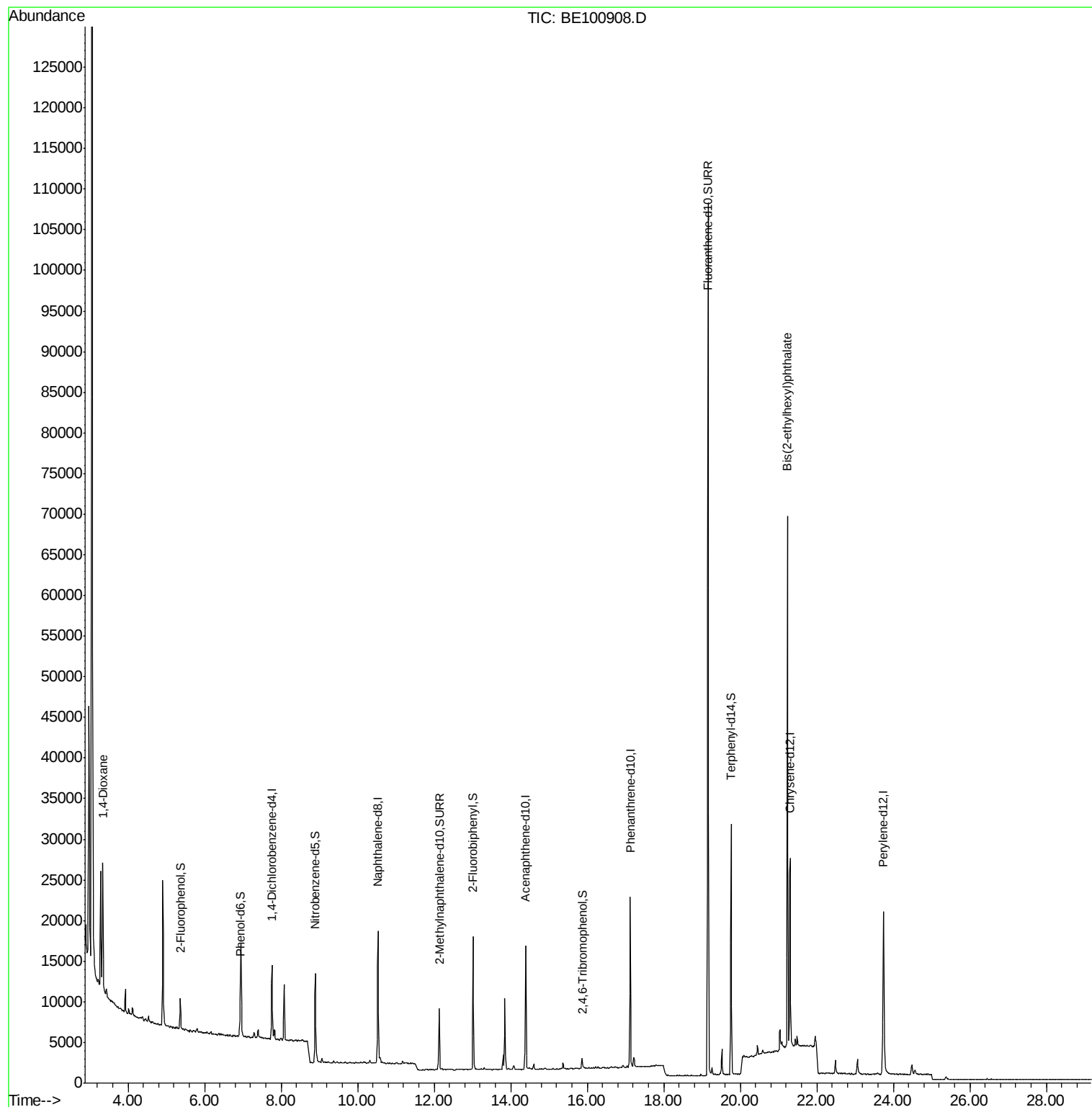
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4129	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	18681	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	10511	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	27436	0.40	ng	0.00
27) Chrysene-d12	21.31	240	27030	0.40	ng	0.00
34) Perylene-d12	23.74	264	30043	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1848	0.19	ng	0.00
5) Phenol-d6	6.93	99	1797	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	4810	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	10871	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	816	0.70	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	14864	0.36	ng	0.00
25) Fluoranthene-d10	19.16	212	138333	0.43	ng	0.00
29) Terphenyl-d14	19.76	244	26507	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	11140	1.480	ng	Qvalue # 84
32) Bis(2-ethylhexyl)phthalate	21.23	149	70230	1.117	ng	99

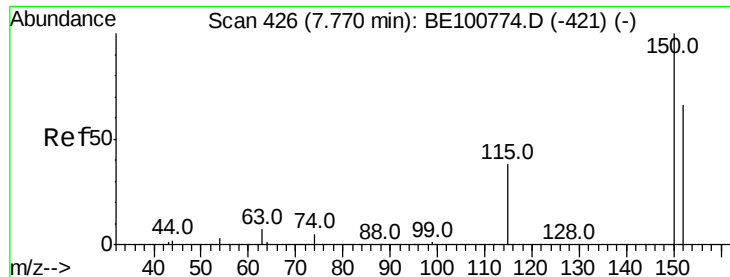
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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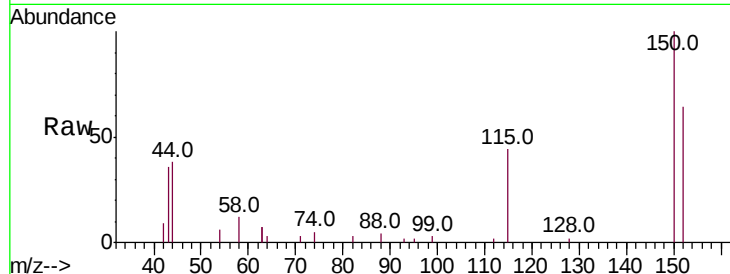


#1

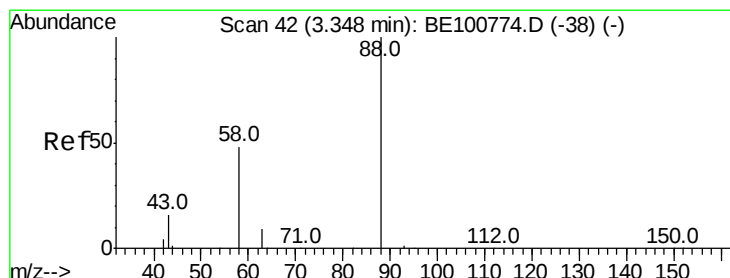
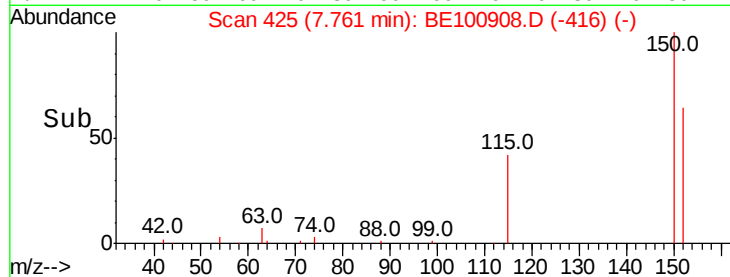
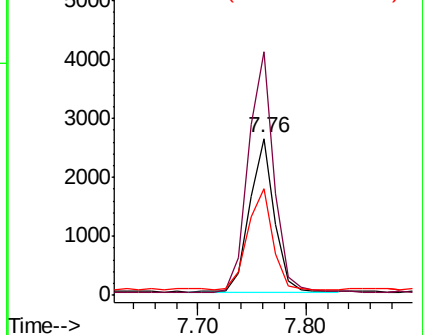
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100908.D
Acq: 14 Dec 2019 5:02

Instrument :
BNA_E
ClientSampleId :
MW203D1-20191207

Tot Ion:152 Resp: 4129
Ion Ratio Lower Upper
152 100
150 155.3 125.5 188.3
115 67.6 55.7 83.5



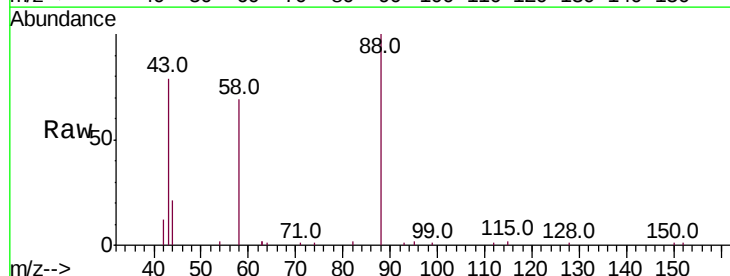
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



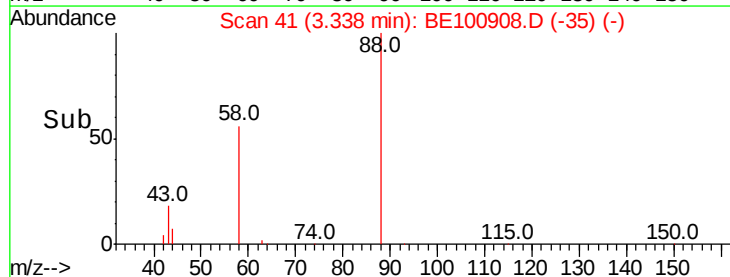
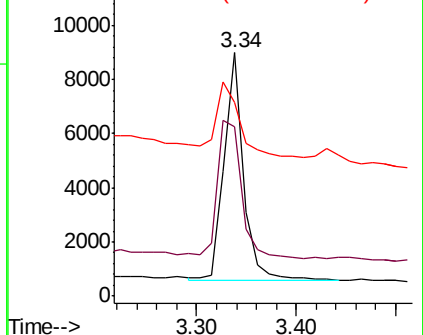
#2

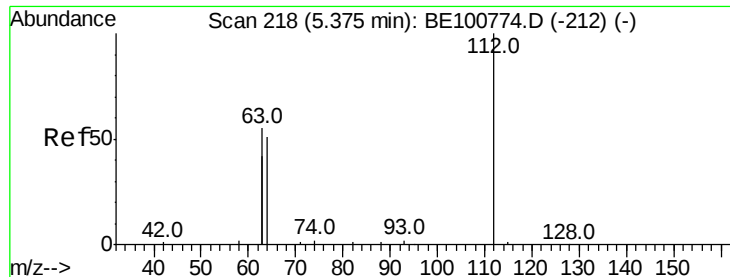
1,4-Dioxane
Concen: 1.480 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100908.D
Acq: 14 Dec 2019 5:02

Tgt Ion: 88 Resp: 11140
Ion Ratio Lower Upper
88 100
58 76.4 52.3 78.5
43 40.7 23.5 35.3#



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: 0.189 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100908.D

Acq: 14 Dec 2019 5:02

Instrument :

BNA_E

ClientSampleId :

MW203D1-20191207

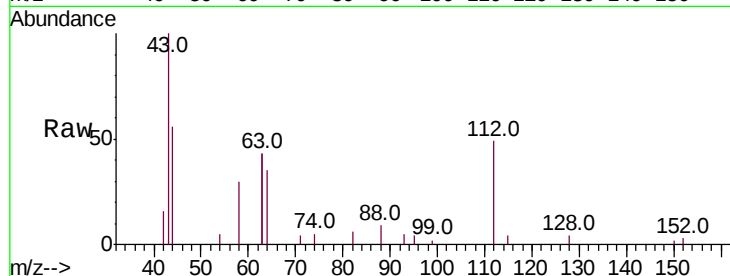
Tot Ion:112 Resp: 1848

Ion Ratio Lower Upper

112 100

64 66.1 54.5 81.7

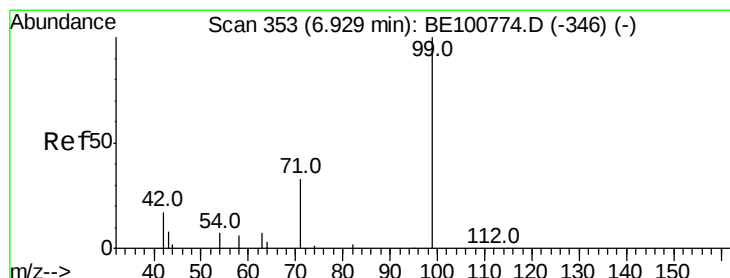
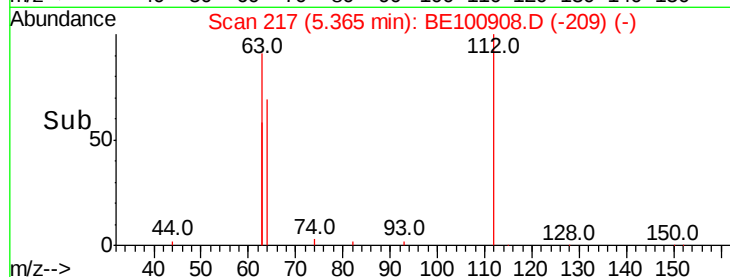
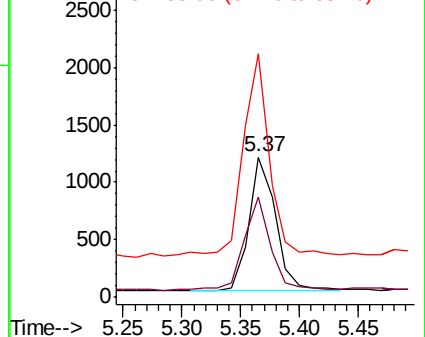
63 143.9 116.1 174.1



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: 0.121 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100908.D

Acq: 14 Dec 2019 5:02

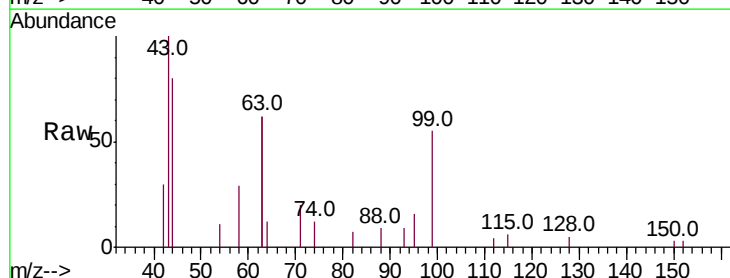
Tgt Ion: 99 Resp: 1797

Ion Ratio Lower Upper

99 100

42 52.5 18.2 27.2#

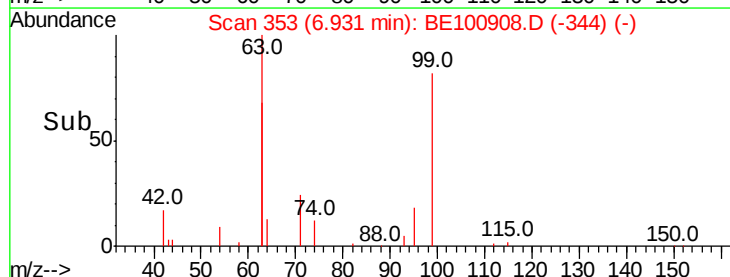
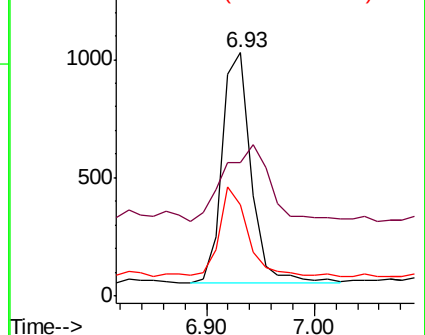
71 0.0 29.1 43.7#

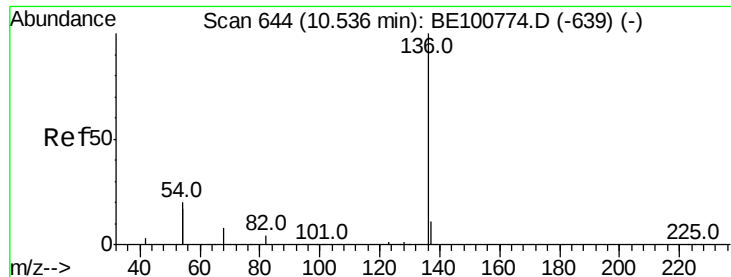


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100908.D

Acq: 14 Dec 2019 5:02

Instrument :

BNA_E

ClientSampleId :

MW203D1-20191207

Tot Ion:136 Resp: 18681

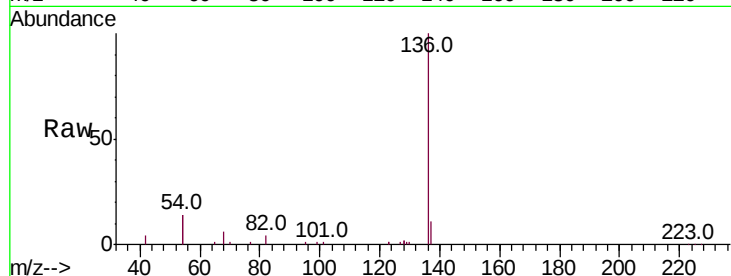
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 28.0 18.9 28.3

68 6.2 4.6 6.8

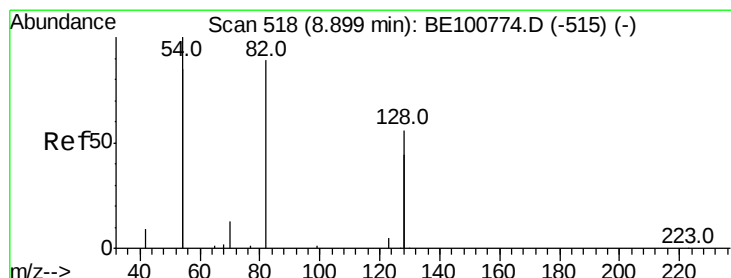
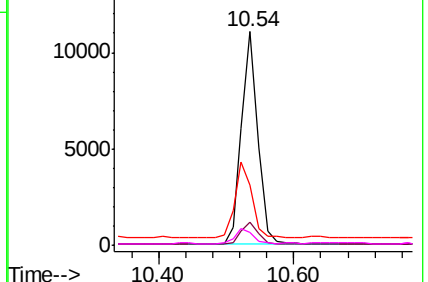
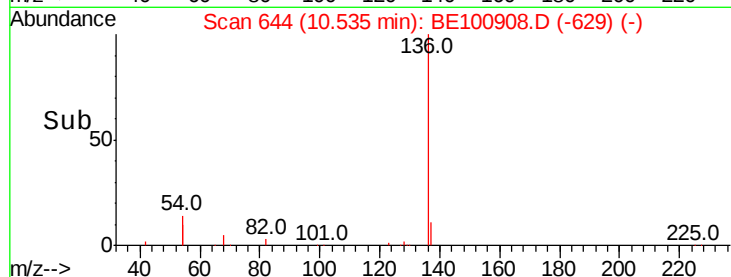


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.541 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100908.D

Acq: 14 Dec 2019 5:02

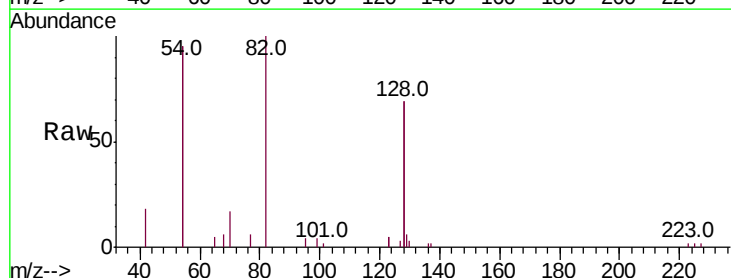
Tgt Ion: 82 Resp: 4810

Ion Ratio Lower Upper

82 100

128 137.5 113.5 170.3

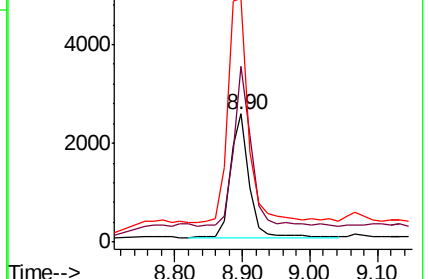
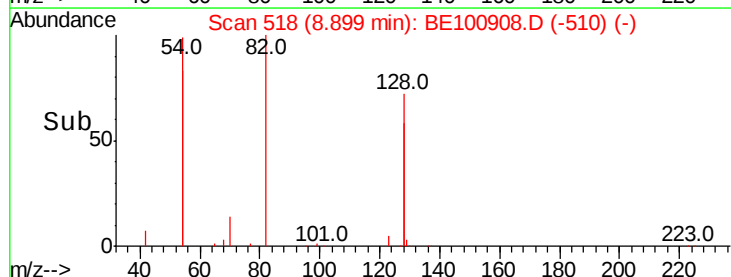
54 190.4 138.9 208.3

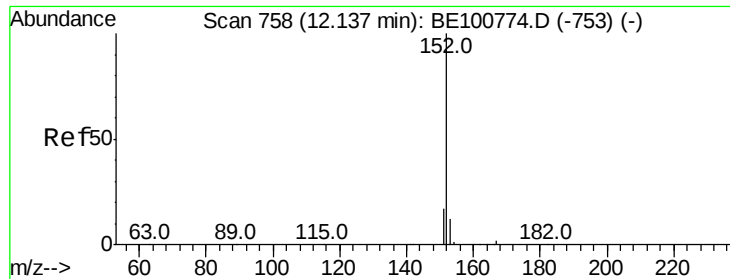


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

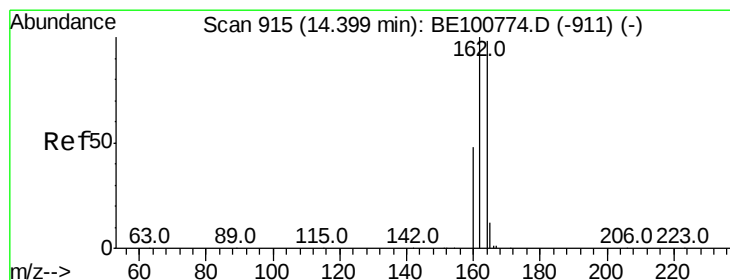
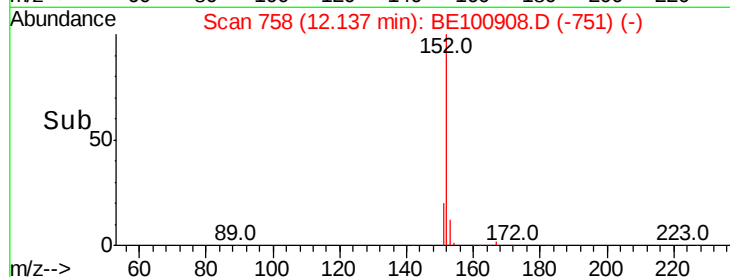
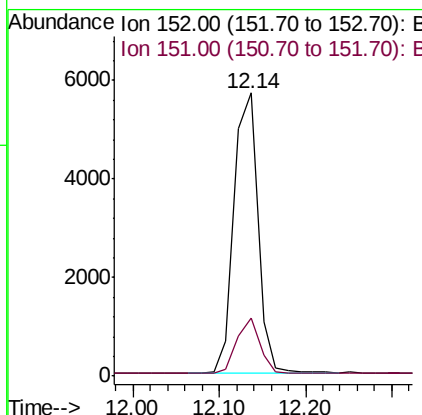
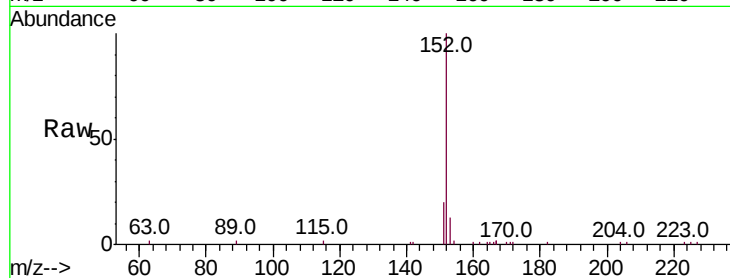




#11
 2-Methylnaphthalene-d10
 Concen: 0.402 ng
 RT: 12.14 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BE100908.D
 Acq: 14 Dec 2019 5:02

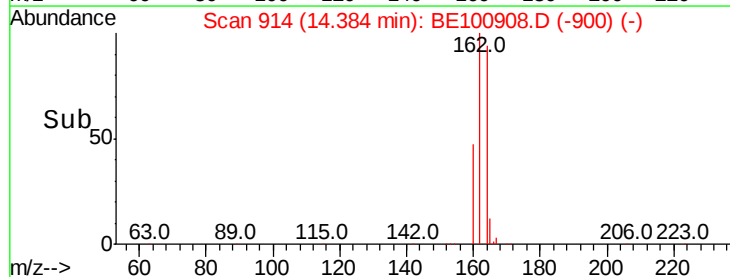
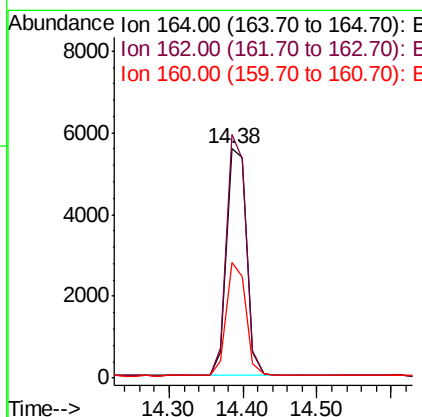
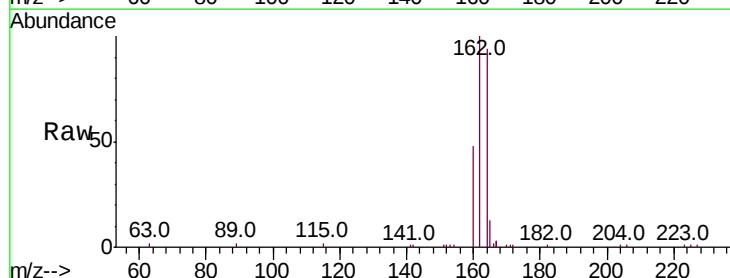
Instrument :
 BNA_E
 ClientSampleId :
 MW203D1-20191207

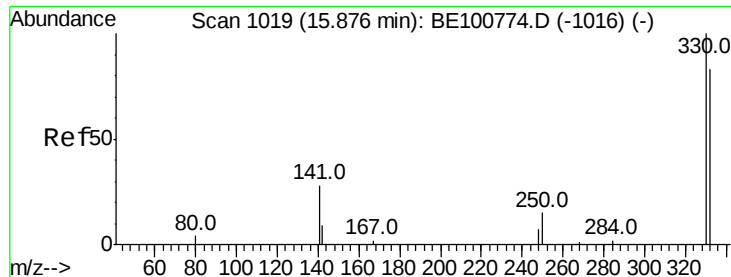
Tot Ion:152 Resp: 10871
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.38 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BE100908.D
 Acq: 14 Dec 2019 5:02

Tgt Ion:164 Resp: 10511
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.0 129.0
 160 50.6 42.3 63.5

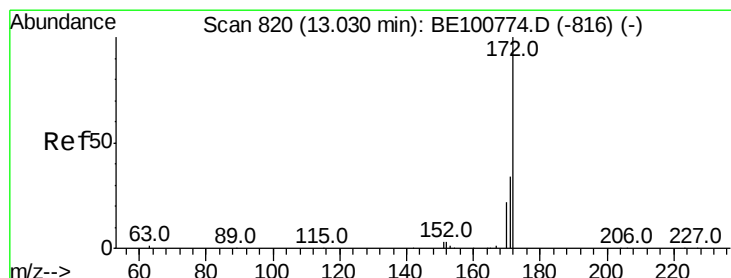
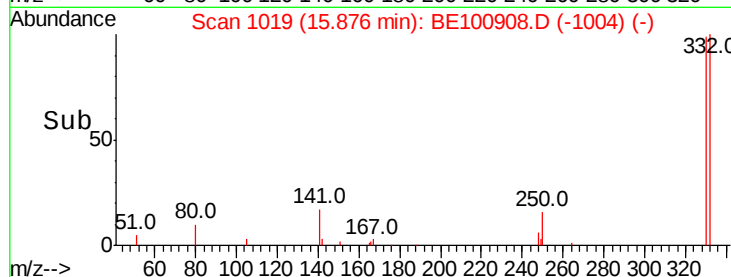
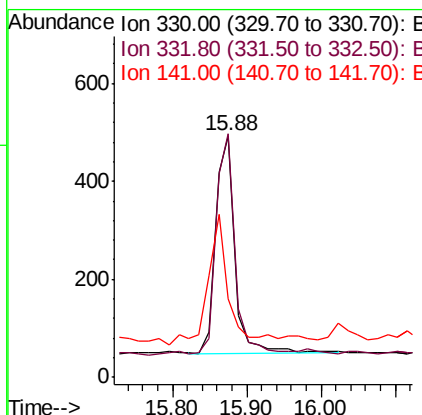
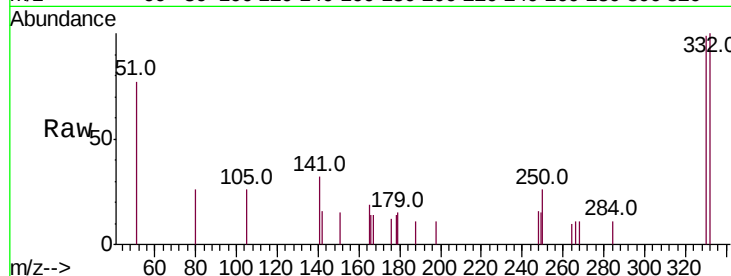




#14
 2,4,6-Tribromophenol
 Concen: 0.698 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE100908.D
 Acq: 14 Dec 2019 5:02

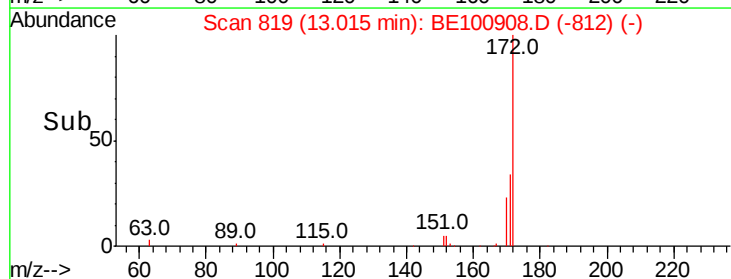
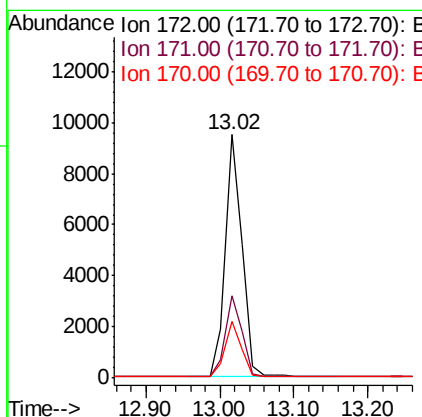
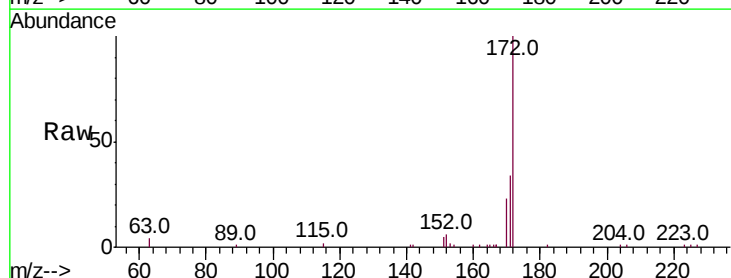
Instrument :
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 ClientSampleId :
 MW203D1-20191207

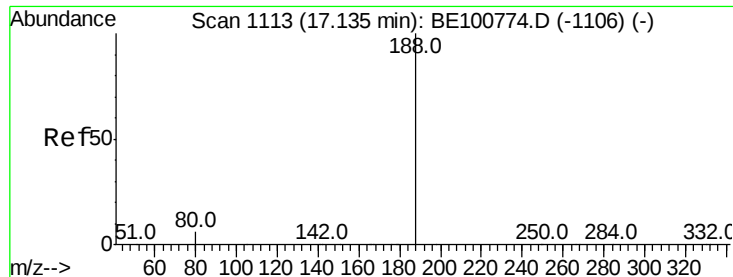
Tot Ion:330 Resp: 816
 Ion Ratio Lower Upper
 330 100
 332 102.7 74.1 111.1
 141 60.0 46.7 70.1



#15
 2-Fluorobiphenyl
 Concen: 0.357 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BE100908.D
 Acq: 14 Dec 2019 5:02

Tgt Ion:172 Resp: 14864
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.2 42.4
 170 23.3 19.4 29.0

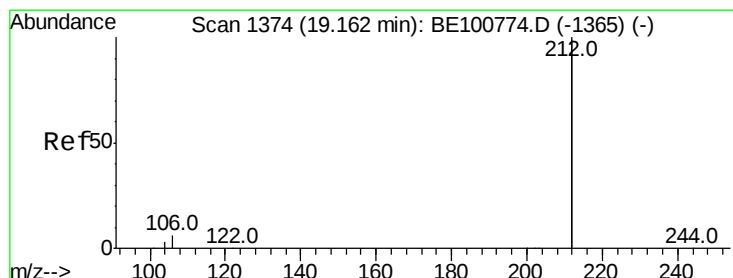
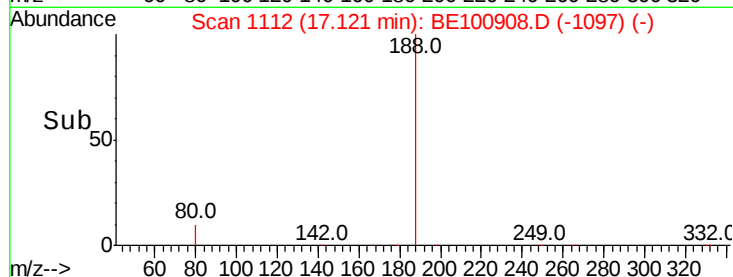
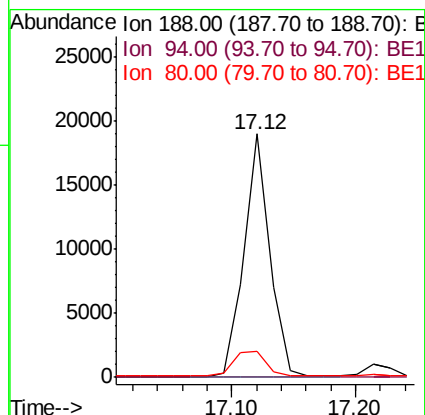
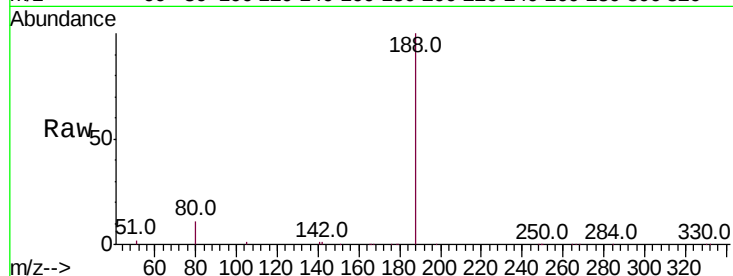




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100908.D
Acq: 14 Dec 2019 5:02

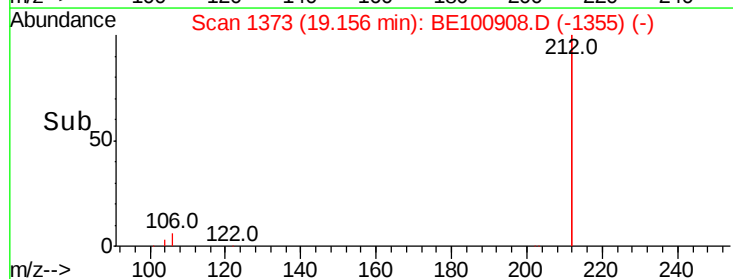
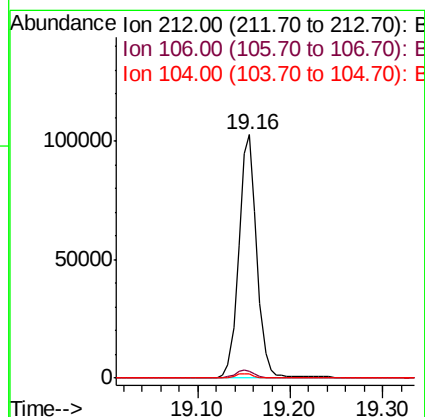
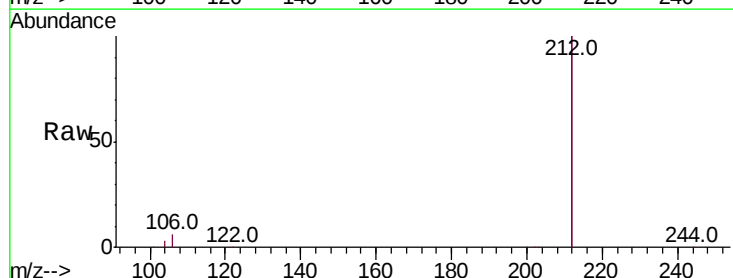
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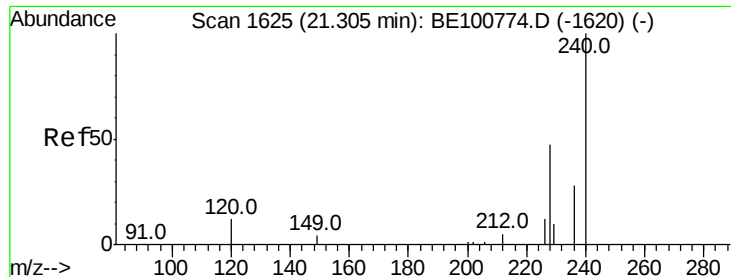
Tot Ion:188 Resp: 27436
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 7.9 11.9



#25
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BE100908.D
Acq: 14 Dec 2019 5:02

Tgt Ion:212 Resp: 138333
Ion Ratio Lower Upper
212 100
106 3.4 2.6 4.0
104 1.9 1.4 2.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100908.D

Acq: 14 Dec 2019 5:02

Instrument :

BNA_E

ClientSampleId :

MW203D1-20191207

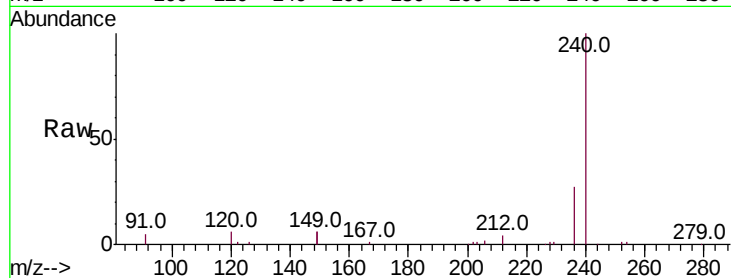
Tot Ion:240 Resp: 27030

Ion Ratio Lower Upper

240 100

120 6.2 4.0 6.0#

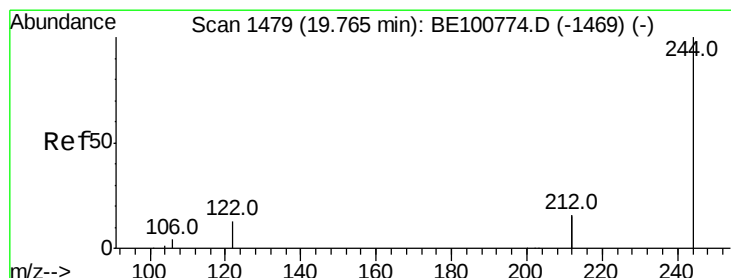
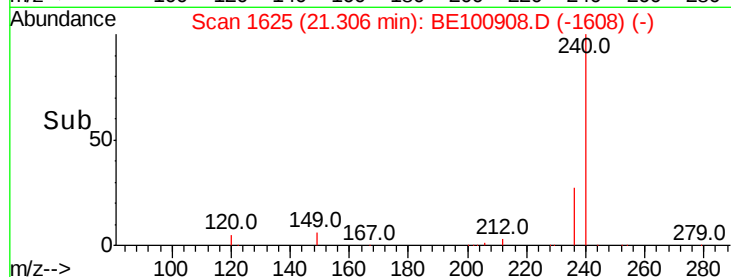
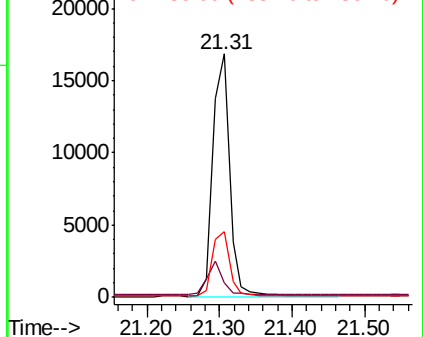
236 26.9 21.6 32.4



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: 0.409 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100908.D

Acq: 14 Dec 2019 5:02

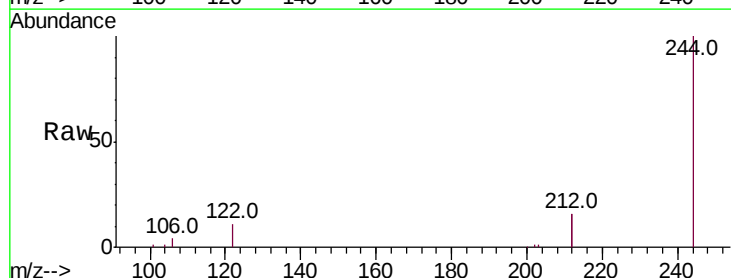
Tgt Ion:244 Resp: 26507

Ion Ratio Lower Upper

244 100

212 31.8 25.2 37.8

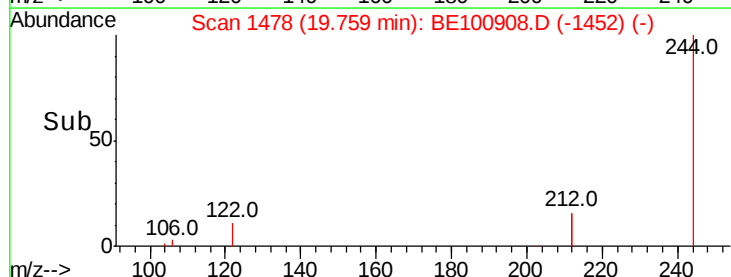
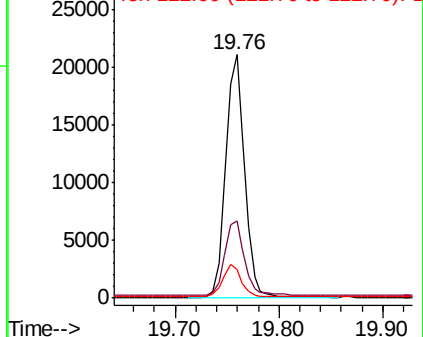
122 11.5 8.9 13.3

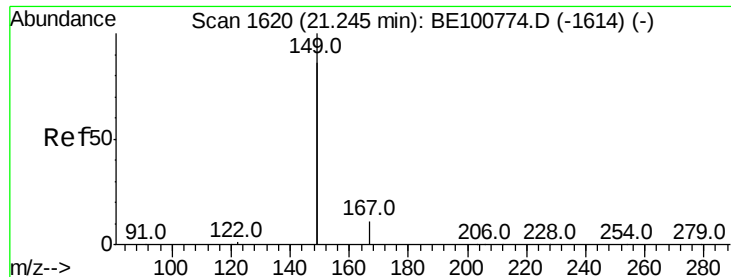


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.117 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100908.D

Acq: 14 Dec 2019 5:02

Instrument :

BNA_E

ClientSampleId :

MW203D1-20191207

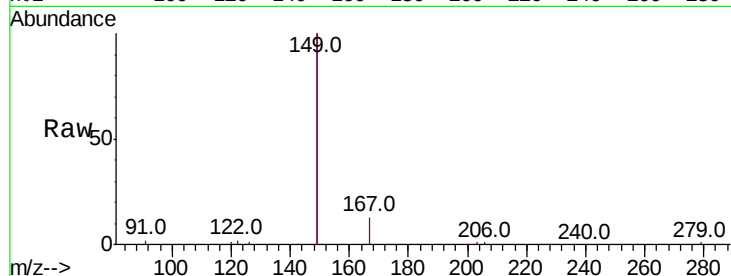
Tot Ion:149 Resp: 70230

Ion Ratio Lower Upper

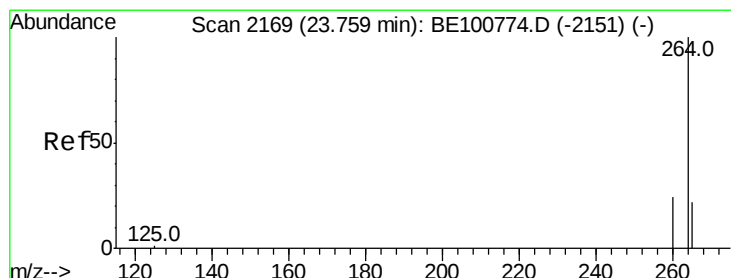
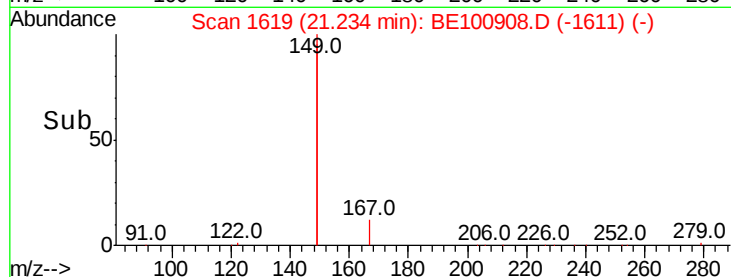
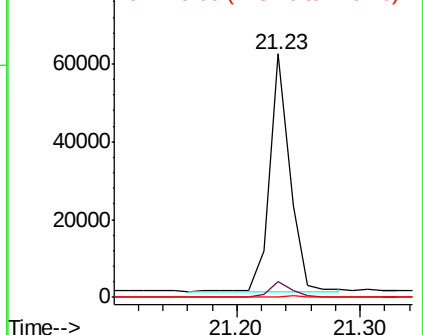
149 100

167 6.5 5.0 7.4

279 0.8 0.6 1.0



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: 23.74 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BE100908.D

Acq: 14 Dec 2019 5:02

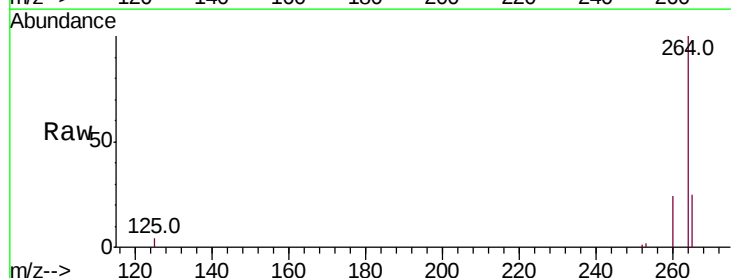
Tgt Ion:264 Resp: 30043

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 25.3 20.1 30.1



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

