

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098306.D
 Acq On : 10 Dec 2018 20:02
 Operator : SJ/JU
 Sample : J6259-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305D-20181205

Quant Time: Dec 11 00:48:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

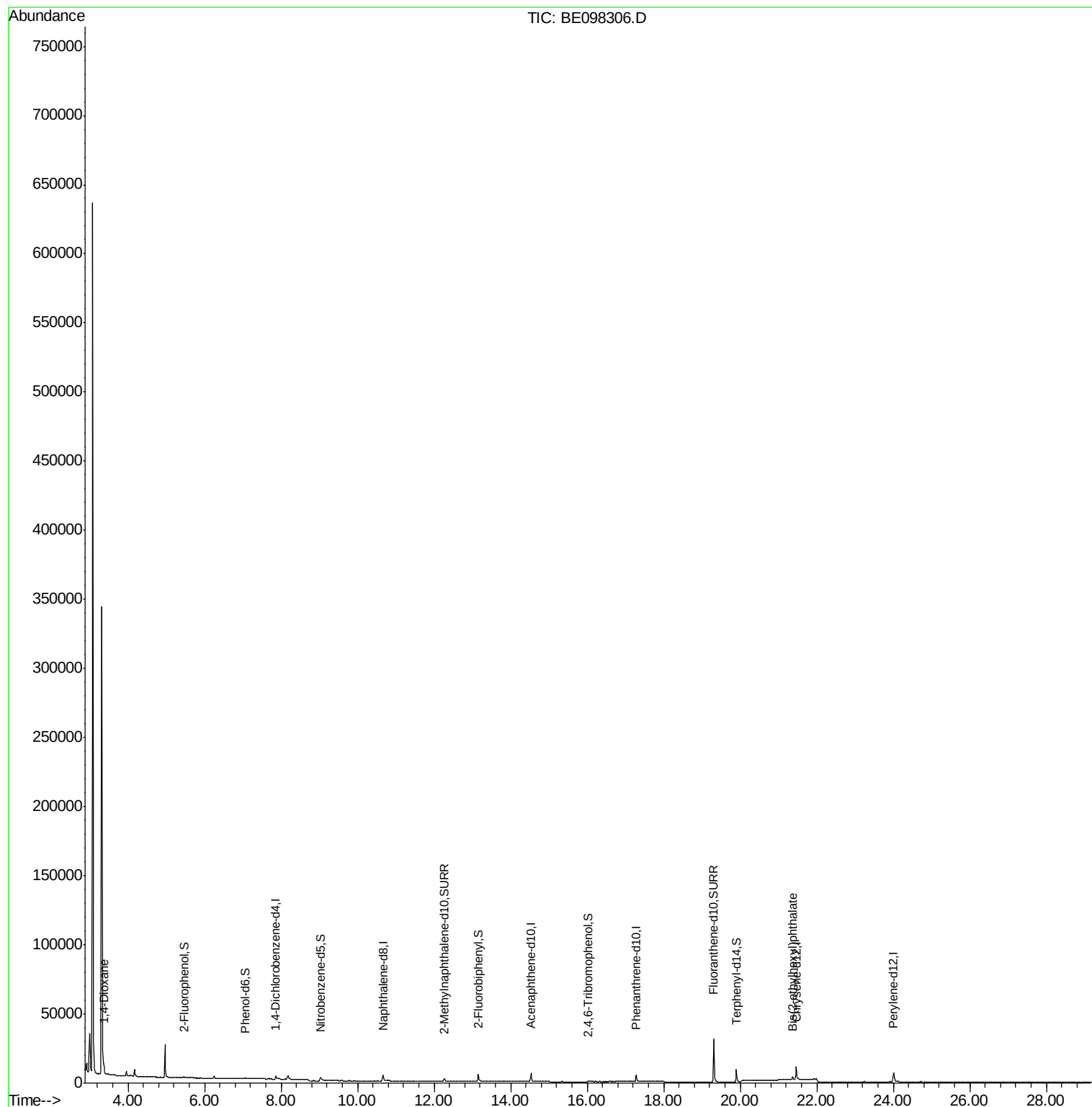
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1555	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6295	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3810	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9632	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11479	0.40	ng	0.00
34) Perylene-d12	24.01	264	11281	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	549	0.15	ng	0.01
5) Phenol-d6	7.05	99	433	0.08	ng	0.00
8) Nitrobenzene-d5	9.03	82	2077	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3510	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	478	0.34	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	7293	0.45	ng	0.00
25) Fluoranthene-d10	19.31	212	47316	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	10075	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	2211	0.822	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.37	149	3575	0.054	ng	# 100

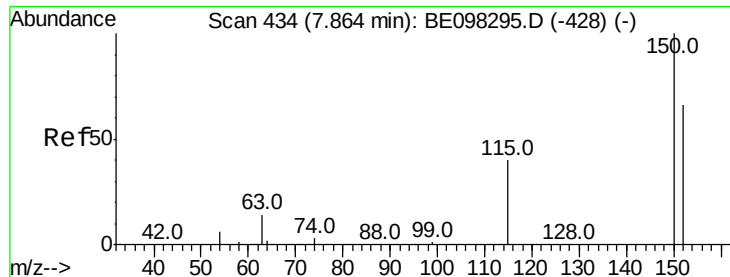
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098306.D

Acq: 10 Dec 2018 20:02

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20181205

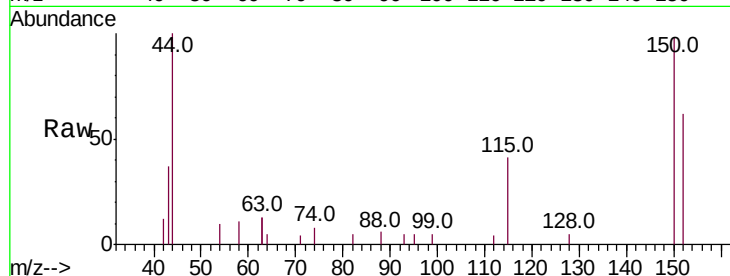
Tot Ion:152 Resp: 1555

Ion Ratio Lower Upper

152 100

150 158.0 124.2 186.4

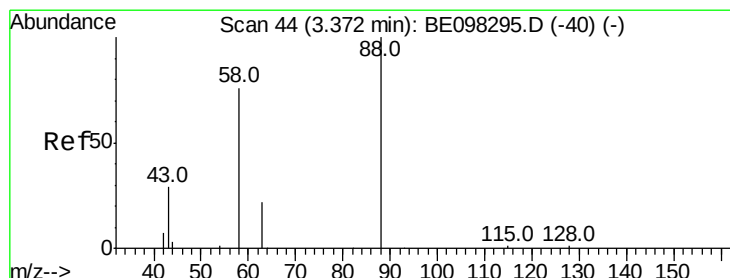
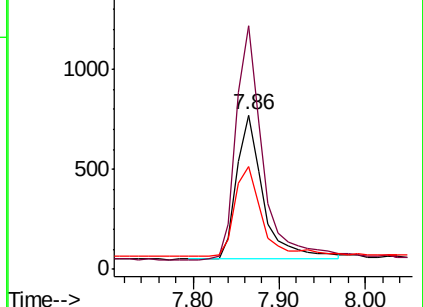
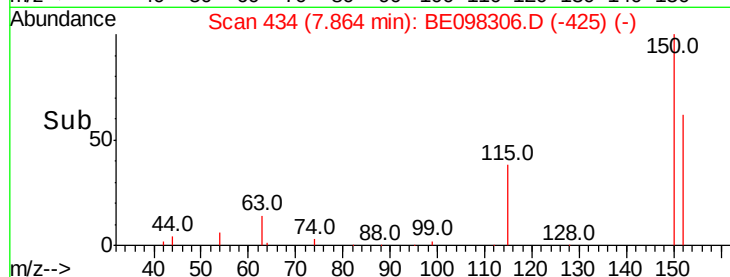
115 66.4 53.9 80.9



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: 0.822 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098306.D

Acq: 10 Dec 2018 20:02

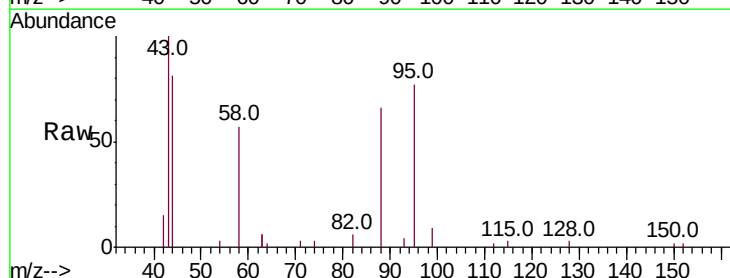
Tgt Ion: 88 Resp: 2211

Ion Ratio Lower Upper

88 100

58 96.8 75.0 112.6

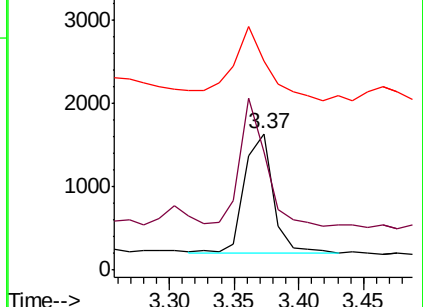
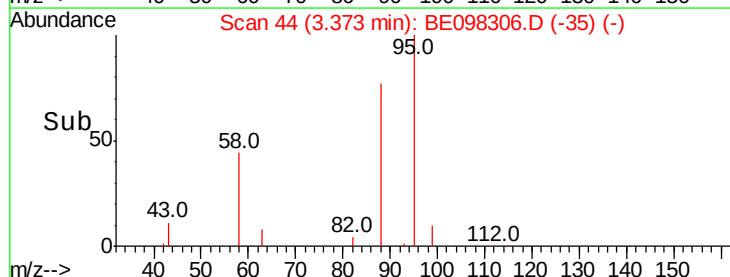
43 77.3 38.3 57.5#

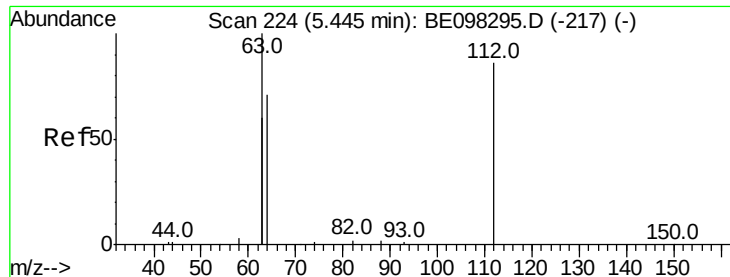


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.151 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098306.D

Acq: 10 Dec 2018 20:02

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20181205

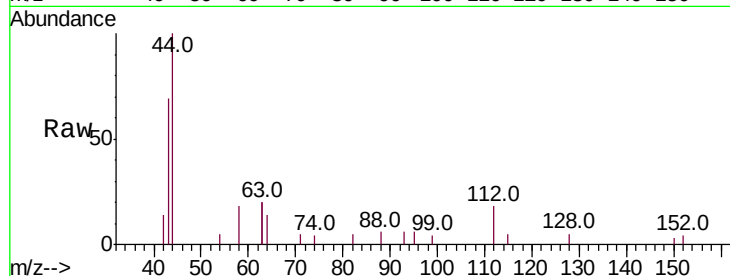
Tot Ion:112 Resp: 549

Ion Ratio Lower Upper

112 100

64 78.1 59.8 89.8

63 204.4 133.7 200.5#

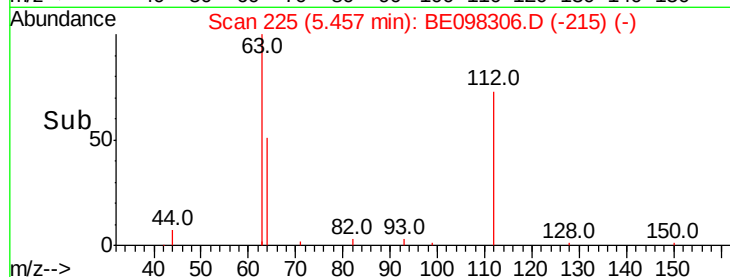


Abundance Ion 112.00 (111.70 to 112.70): BE0

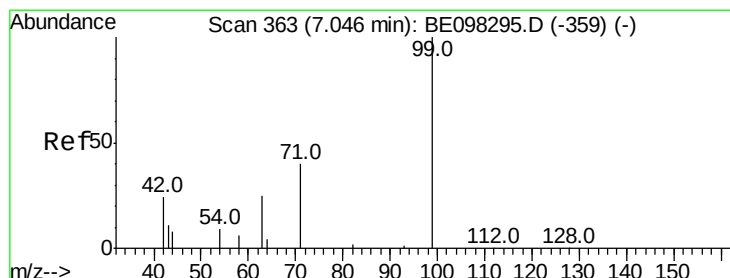
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



Time-->



#5

Phenol-d6

Concen: 0.084 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098306.D

Acq: 10 Dec 2018 20:02

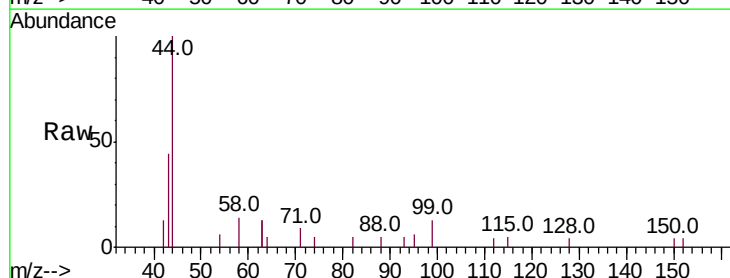
Tgt Ion: 99 Resp: 433

Ion Ratio Lower Upper

99 100

42 26.3 26.3 39.5

71 41.6 33.6 50.4

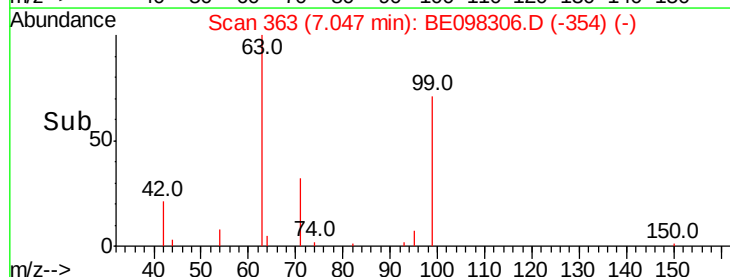


Abundance Ion 99.00 (98.70 to 99.70): BE0

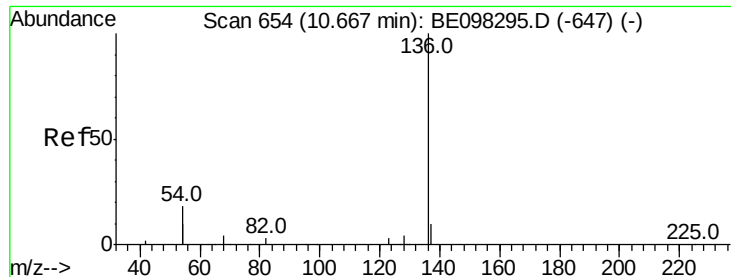
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098306.D

Acq: 10 Dec 2018 20:02

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20181205

Tot Ion:136 Resp: 6295

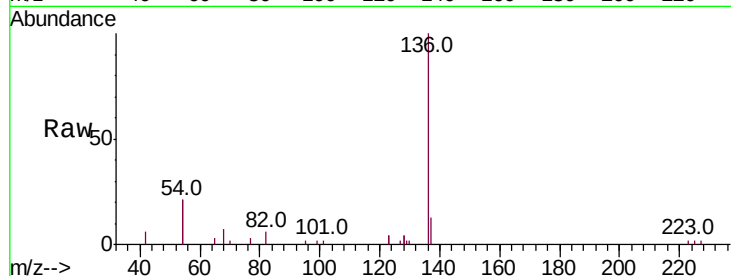
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 43.0 28.4 42.6#

68 7.4 5.4 8.0

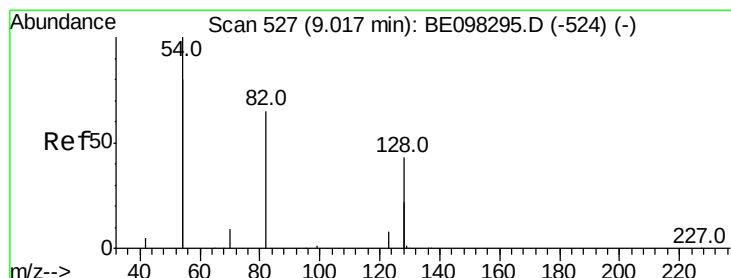
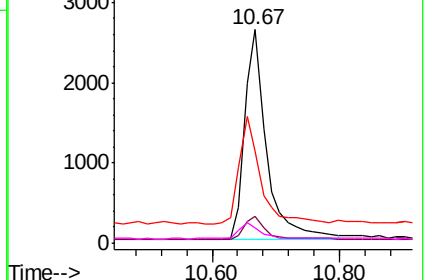
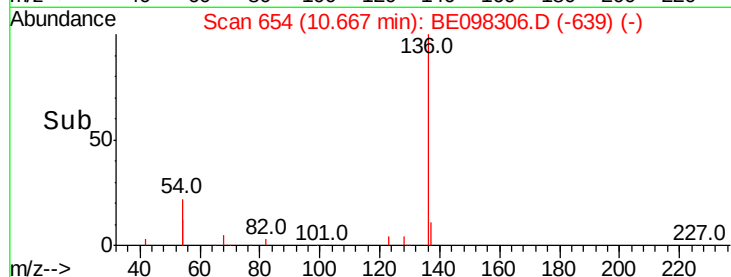


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.362 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098306.D

Acq: 10 Dec 2018 20:02

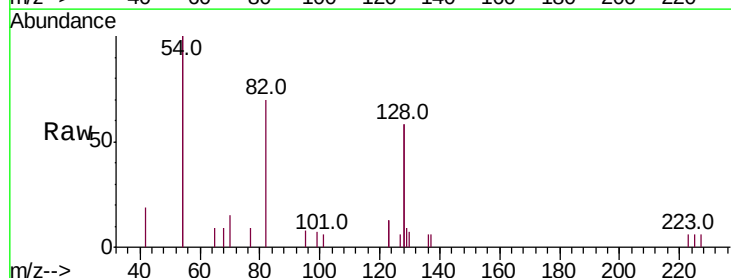
Tgt Ion: 82 Resp: 2077

Ion Ratio Lower Upper

82 100

128 164.9 102.4 153.6#

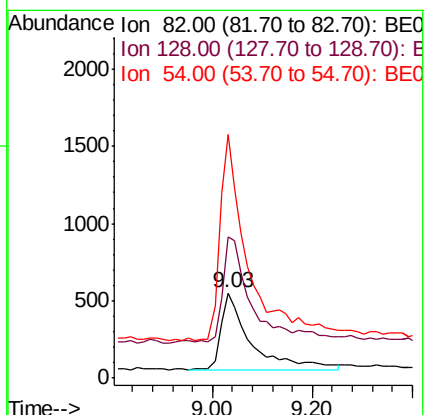
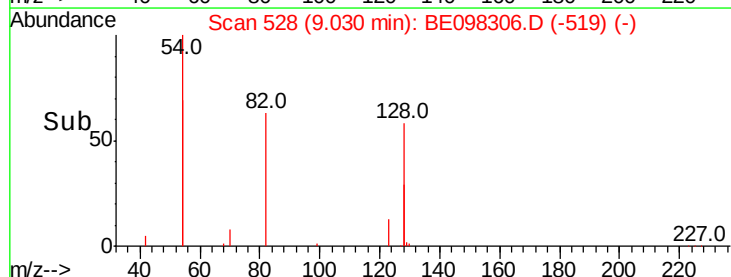
54 285.0 221.8 332.8

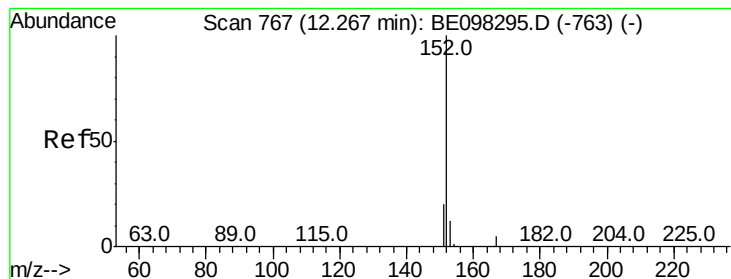


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.343 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098306.D

Acq: 10 Dec 2018 20:02

Instrument :

BNA_E

ClientSampleId :

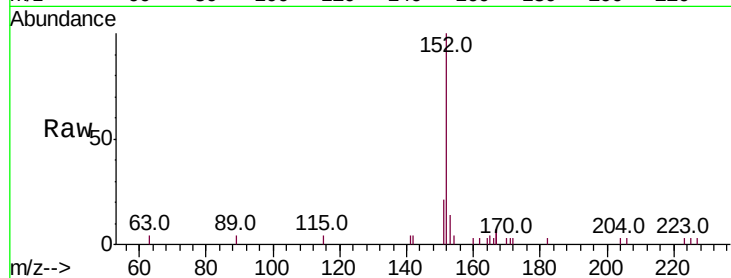
BPS1-TT-MW305D-20181205

Tot Ion:152 Resp: 3510

Ion Ratio Lower Upper

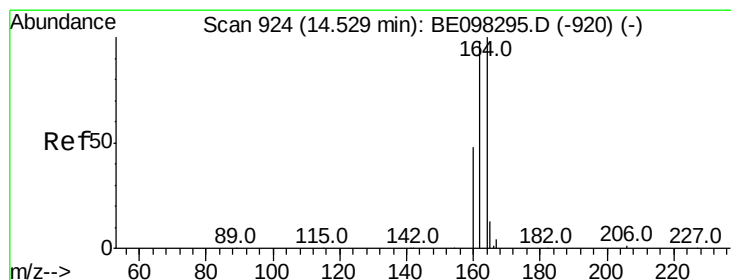
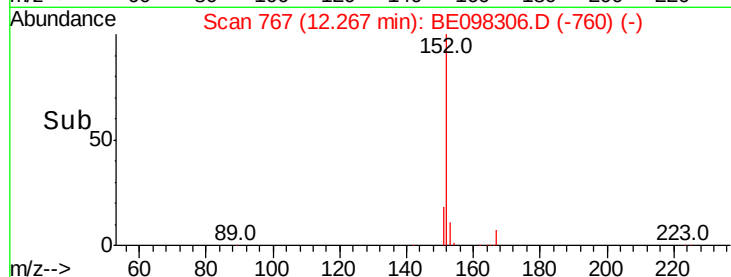
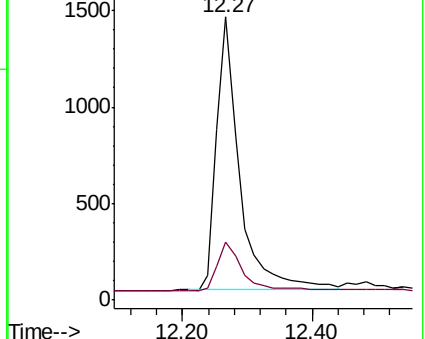
152 100

151 19.5 16.2 24.4



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: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098306.D

Acq: 10 Dec 2018 20:02

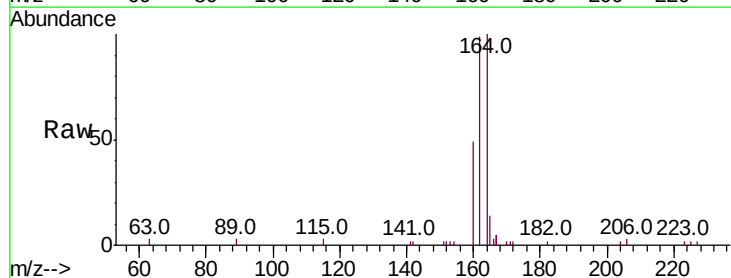
Tgt Ion:164 Resp: 3810

Ion Ratio Lower Upper

164 100

162 98.7 77.6 116.4

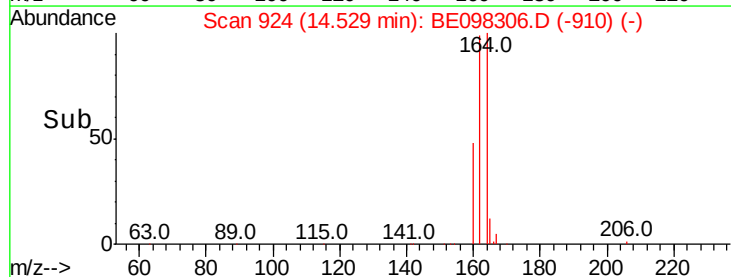
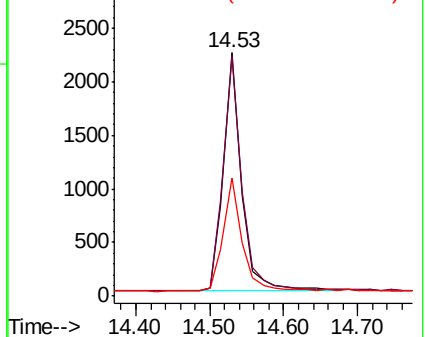
160 48.5 36.0 54.0

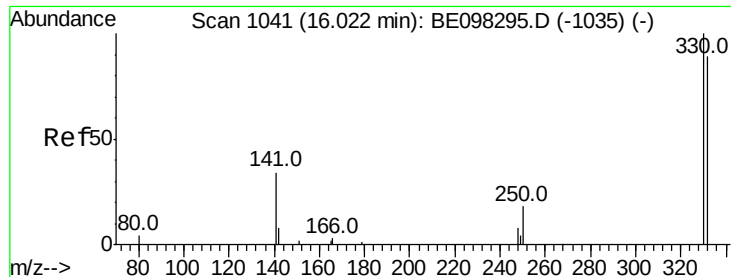


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

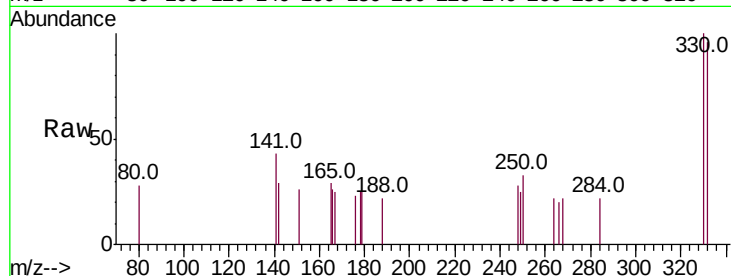




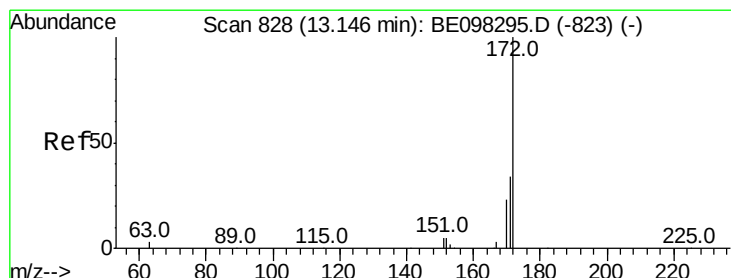
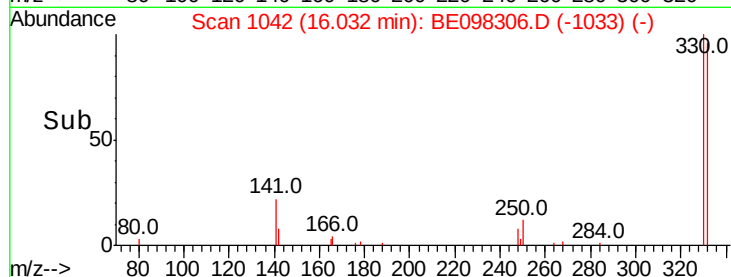
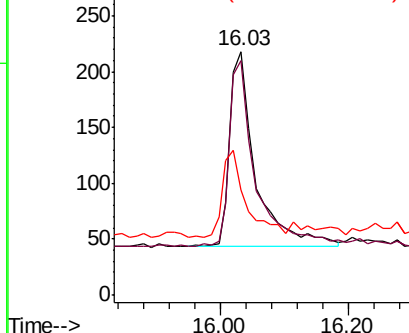
#14
 2,4,6-Tribromophenol
 Concen: 0.342 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098306.D
 Acq: 10 Dec 2018 20:02

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305D-20181205

Tot Ion:330 Resp: 478
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 43.5 39.0 58.4

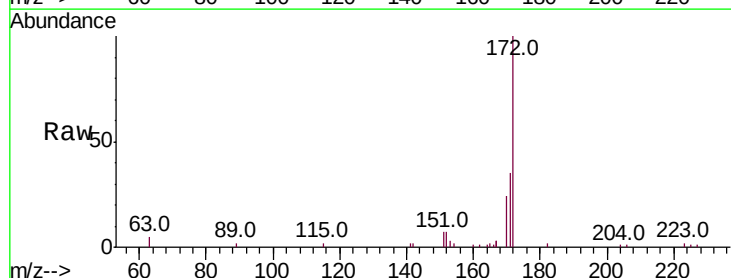


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

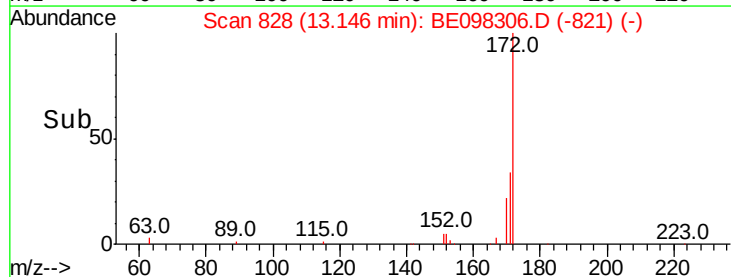
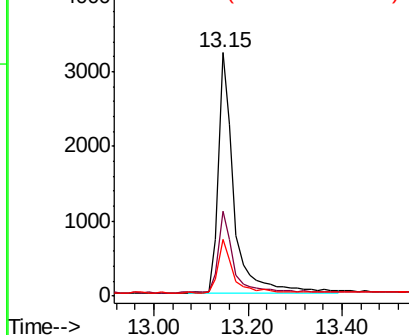


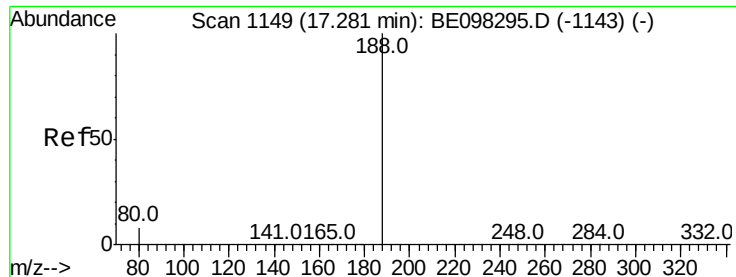
#15
 2-Fluorobiphenyl
 Concen: 0.454 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098306.D
 Acq: 10 Dec 2018 20:02

Tgt Ion:172 Resp: 7293
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.5 41.3
 170 23.5 19.6 29.4



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

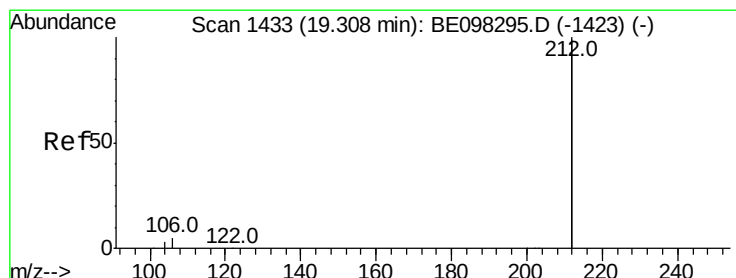
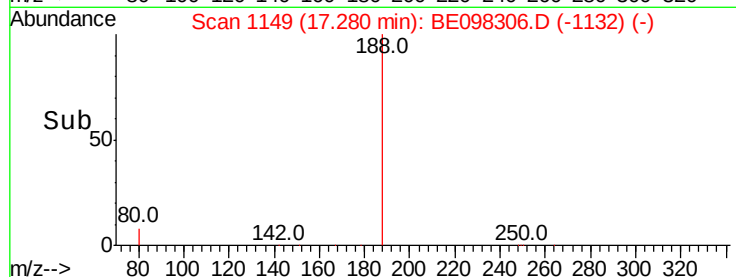
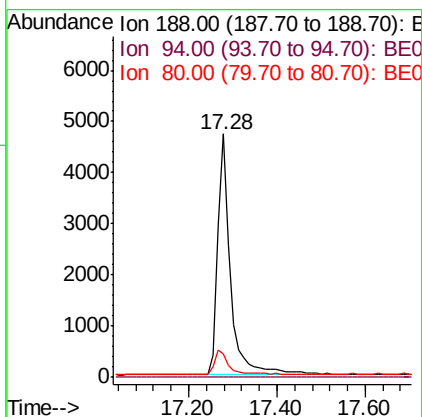
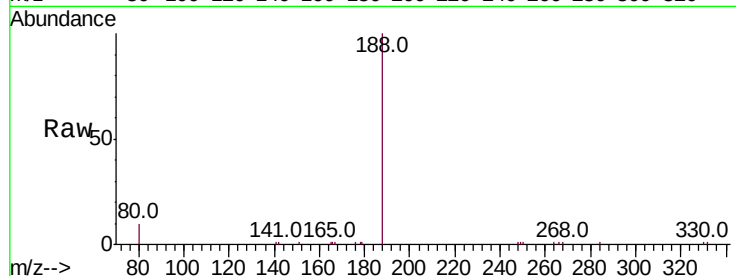




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

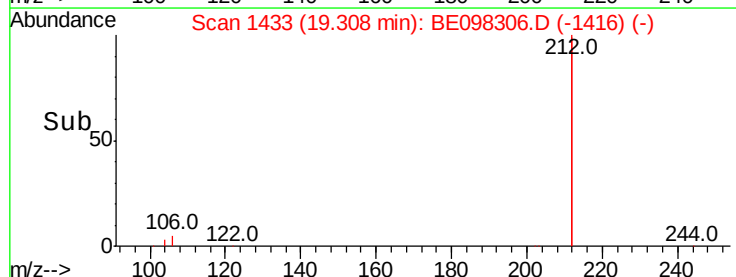
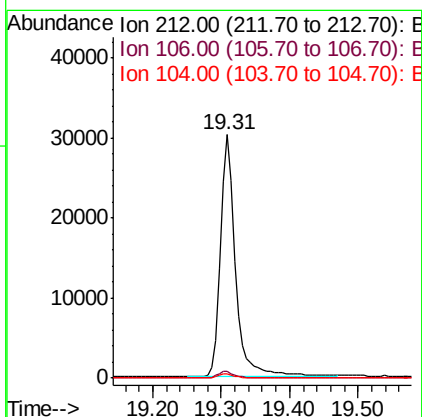
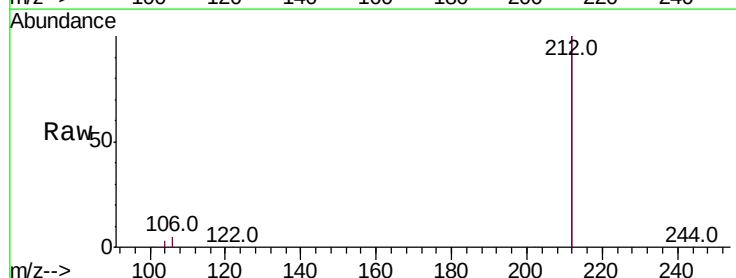
Instrument :
BNA_E
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BPS1-TT-MW305D-20181205

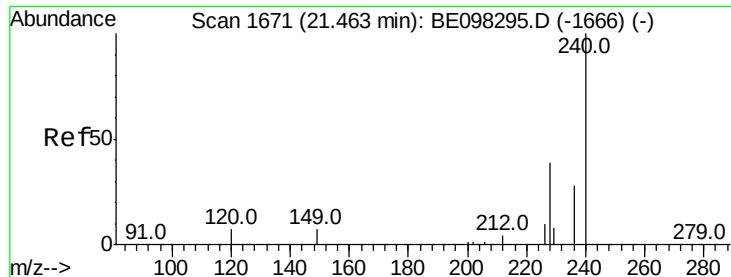
Tot Ion:188 Resp: 9632
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.2 10.8



#25
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:212 Resp: 47316
Ion Ratio Lower Upper
212 100
106 2.6 2.2 3.2
104 1.5 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098306.D

Acq: 10 Dec 2018 20:02

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20181205

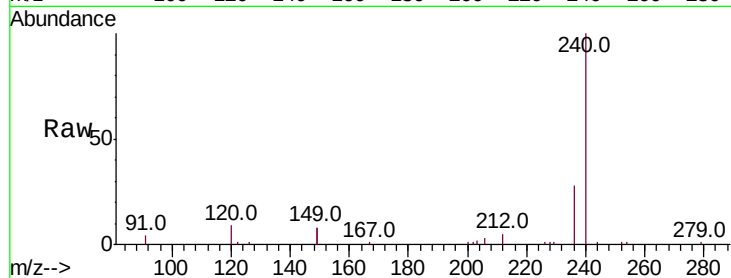
Tot Ion:240 Resp: 11479

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

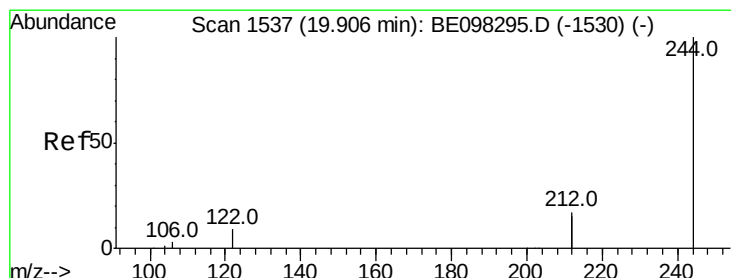
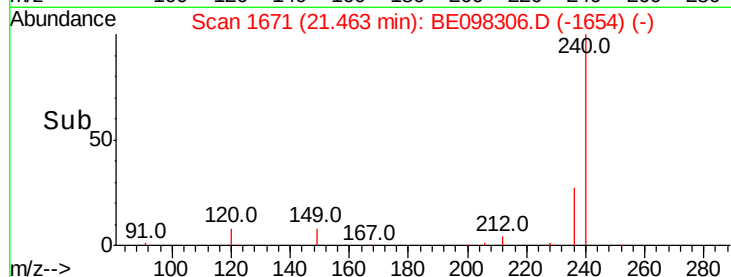
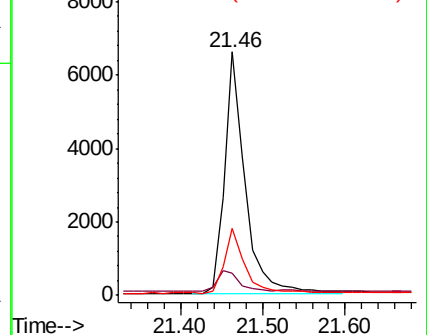
236 27.7 22.7 34.1



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: 0.361 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098306.D

Acq: 10 Dec 2018 20:02

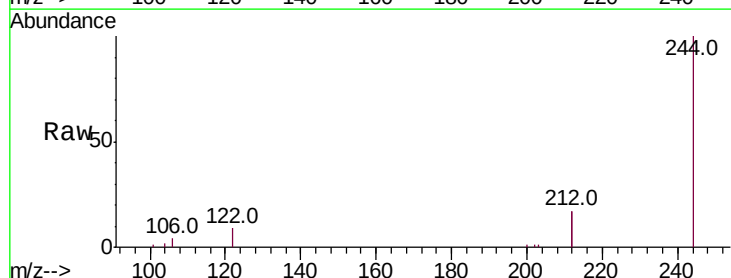
Tgt Ion:244 Resp: 10075

Ion Ratio Lower Upper

244 100

212 33.2 27.4 41.0

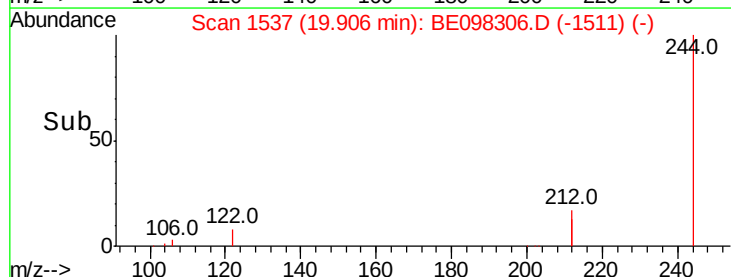
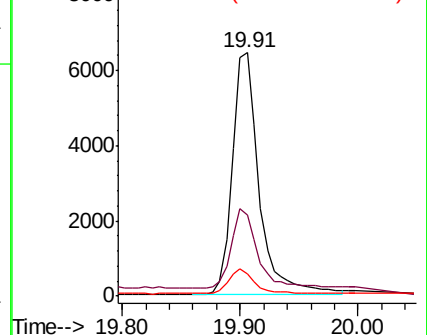
122 9.0 8.3 12.5

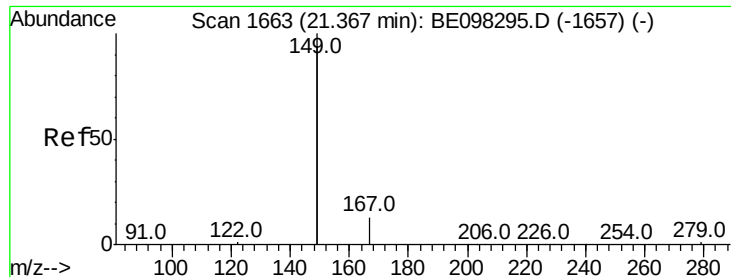


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

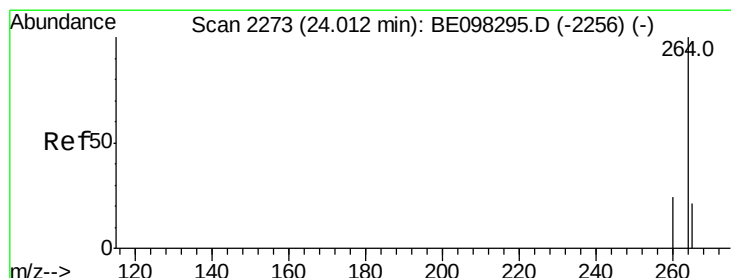
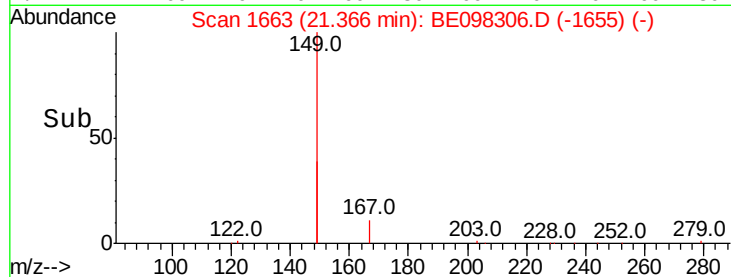
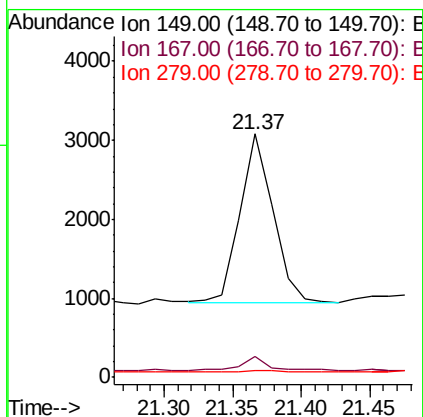
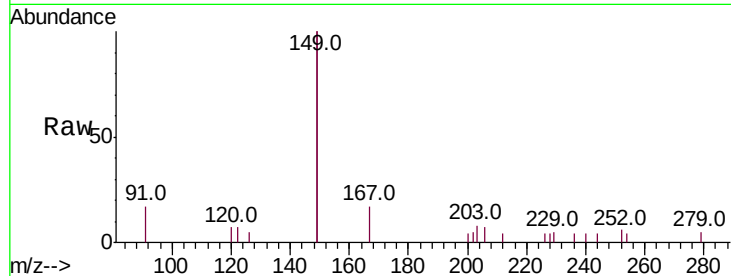




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098306.D
 Acq: 10 Dec 2018 20:02

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305D-20181205

Tot Ion:149 Resp: 3575
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.7 8.5
 279 1.7 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098306.D
 Acq: 10 Dec 2018 20:02

Tgt Ion:264 Resp: 11281
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.2 30.2
 265 30.2 25.2 37.8

