

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098308.D
 Acq On : 10 Dec 2018 21:16
 Operator : SJ/JU
 Sample : J6259-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30211-20181205

Quant Time: Dec 11 01:17:58 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

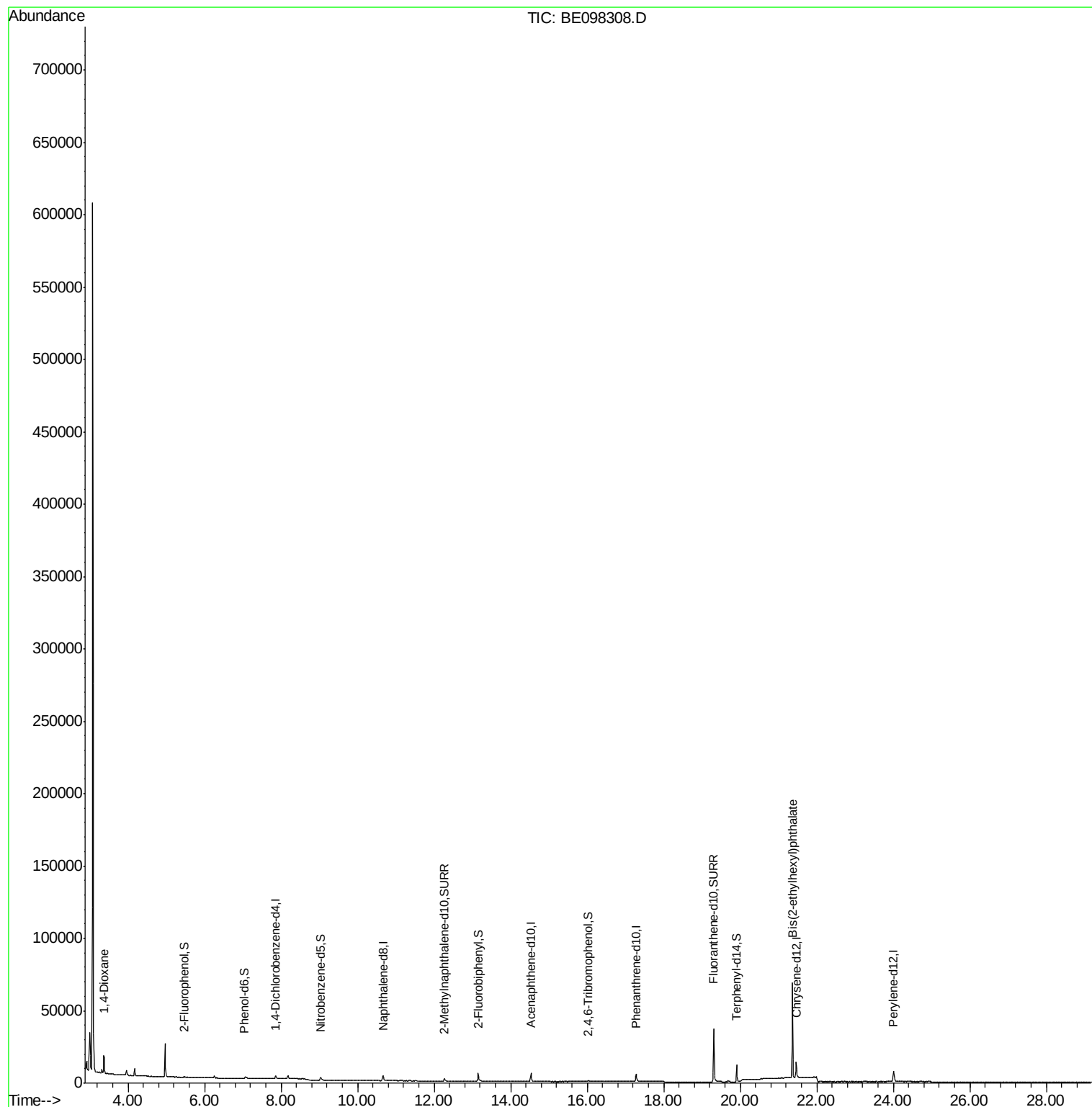
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1363	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5654	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3666	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9663	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12440	0.40	ng	0.00
34) Perylene-d12	24.01	264	12045	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	500	0.16	ng	0.00
5) Phenol-d6	7.04	99	415	0.09	ng	0.00
8) Nitrobenzene-d5	9.03	82	1945	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3561	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	529	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7291	0.47	ng	0.00
25) Fluoranthene-d10	19.31	212	55399	0.45	ng	0.00
29) Terphenyl-d14	19.91	244	12072	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	7501	3.182	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	69811	0.970	ng	99

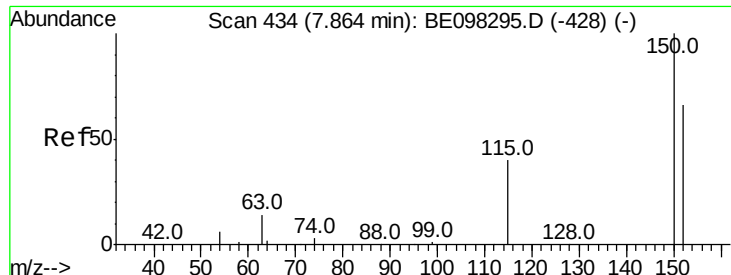
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20181205

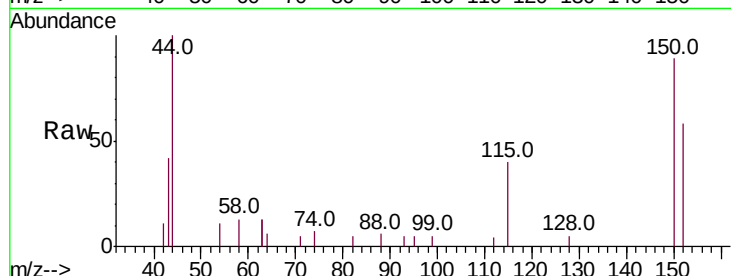
Tot Ion:152 Resp: 1363

Ion Ratio Lower Upper

152 100

150 151.6 124.2 186.4

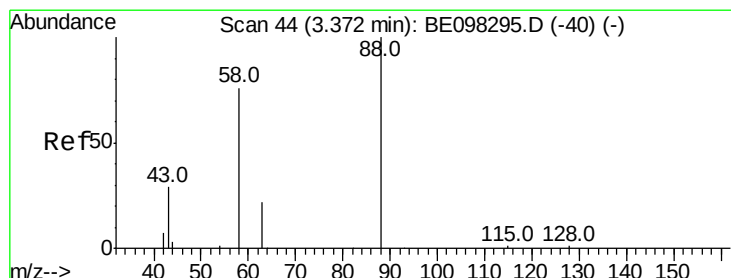
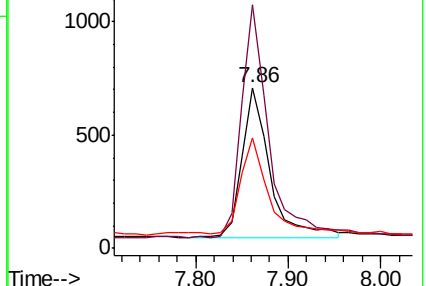
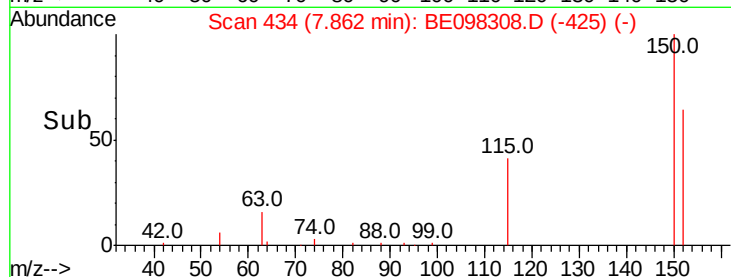
115 68.8 53.9 80.9



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: 3.182 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

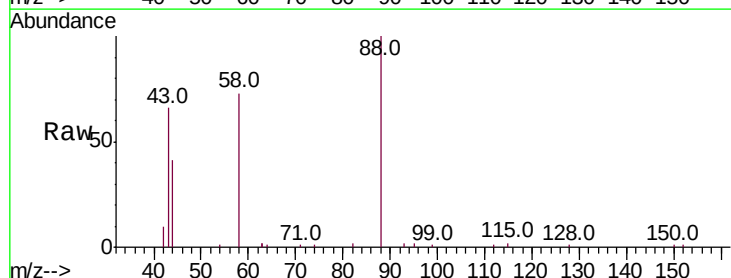
Tgt Ion: 88 Resp: 7501

Ion Ratio Lower Upper

88 100

58 92.9 75.0 112.6

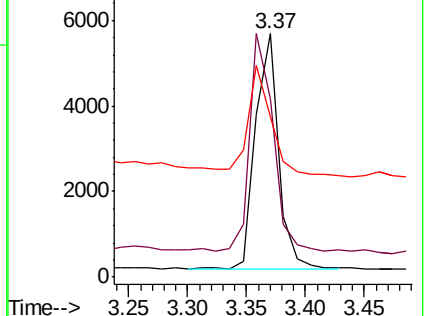
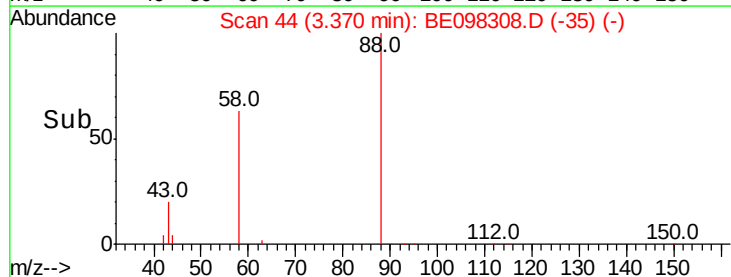
43 47.9 38.3 57.5

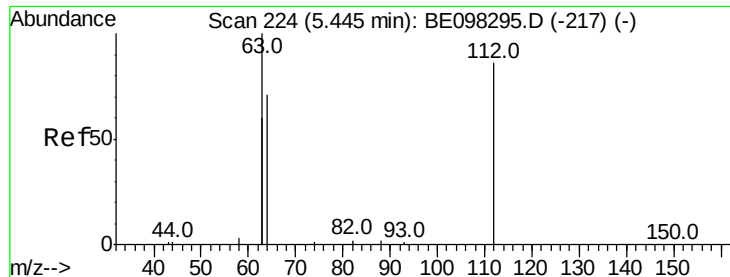


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.157 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20181205

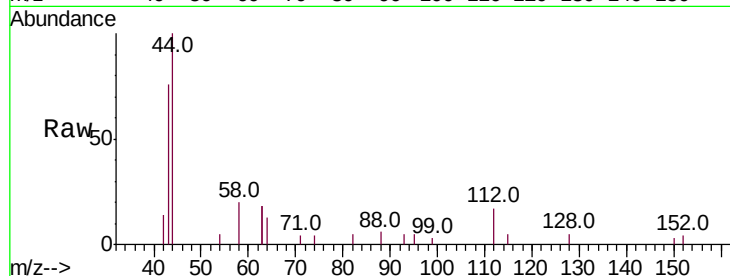
Tot Ion: 112 Resp: 500

Ion Ratio Lower Upper

112 100

64 75.2 59.8 89.8

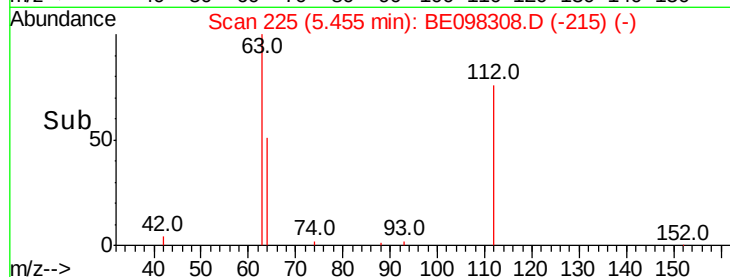
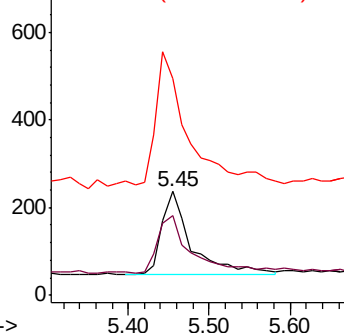
63 163.0 133.7 200.5



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



#5

Phenol-d6

Concen: 0.092 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

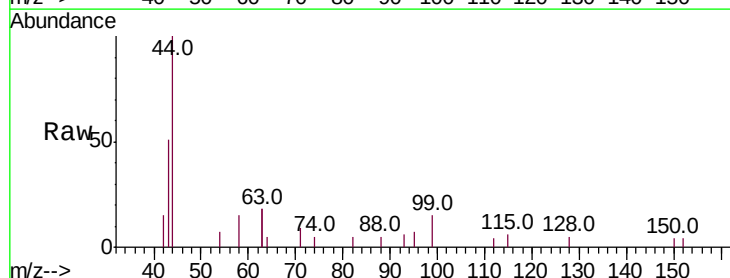
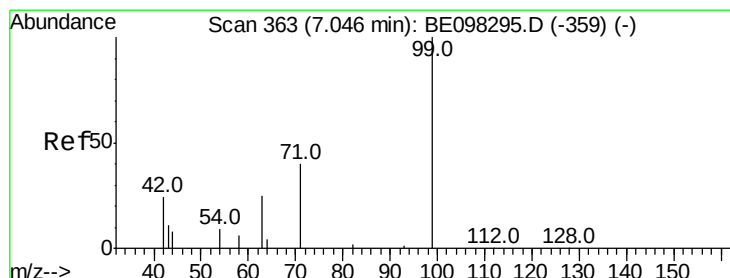
Tgt Ion: 99 Resp: 415

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

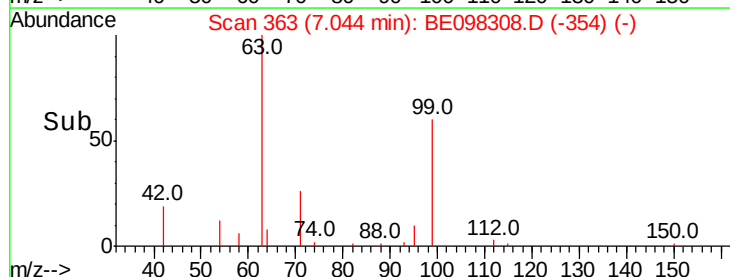
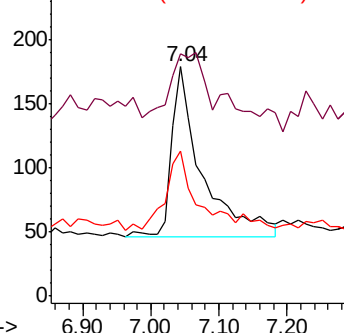
71 47.2 33.6 50.4

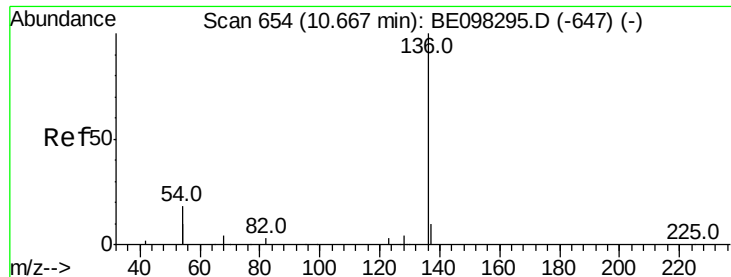


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20181205

Tot Ion:136 Resp: 5654

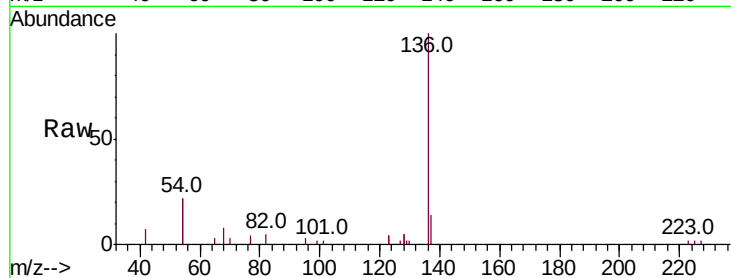
Ion Ratio Lower Upper

136 100

137 13.7 9.2 13.8

54 44.7 28.4 42.6#

68 7.7 5.4 8.0

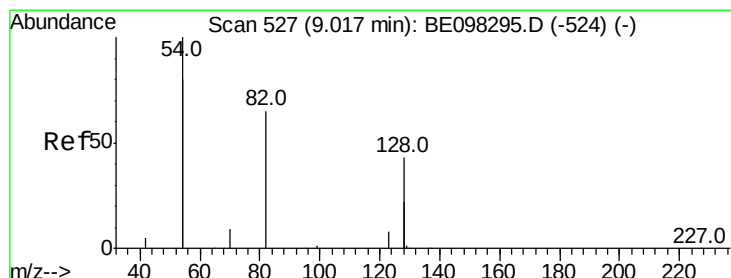
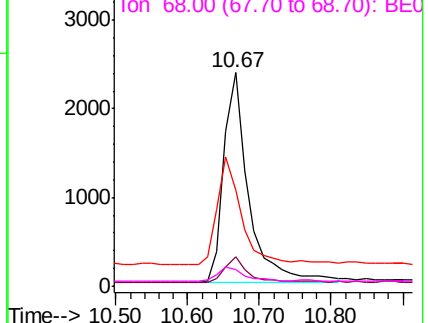
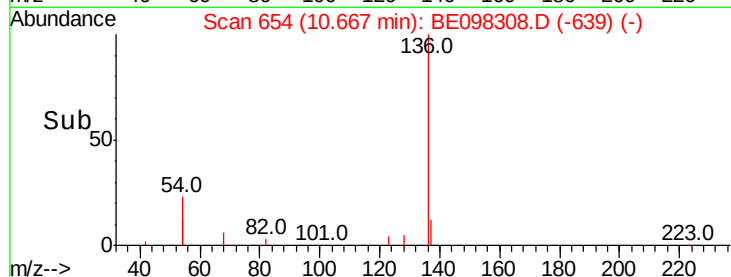


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.378 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

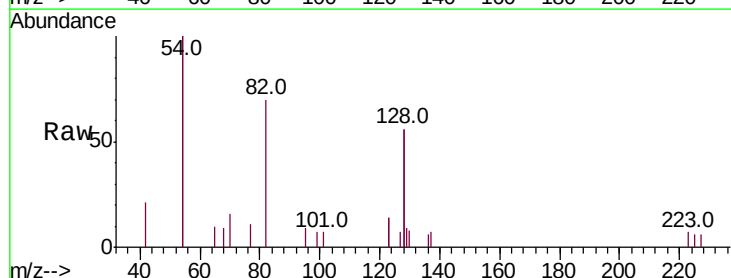
Tgt Ion: 82 Resp: 1945

Ion Ratio Lower Upper

82 100

128 158.3 102.4 153.6#

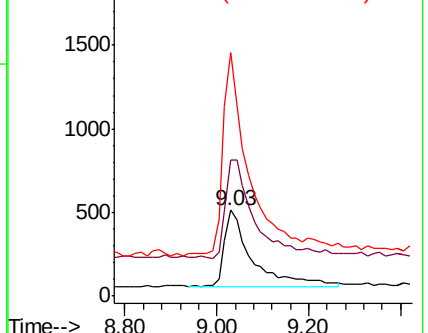
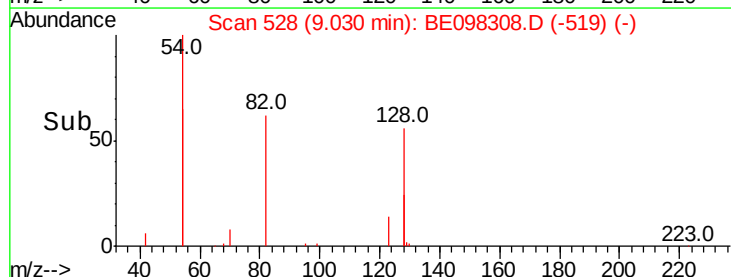
54 283.8 221.8 332.8

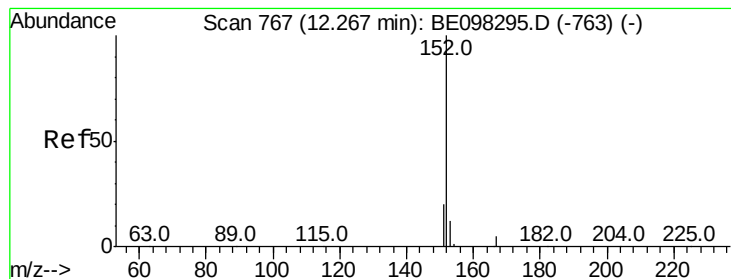


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

Instrument :

BNA_E

ClientSampleId :

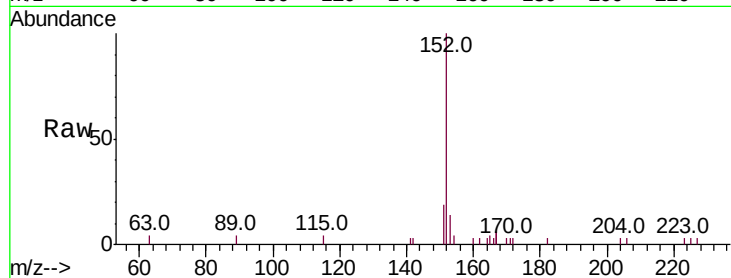
BPS1-TT-MW30211-20181205

Tot Ion:152 Resp: 3561

Ion Ratio Lower Upper

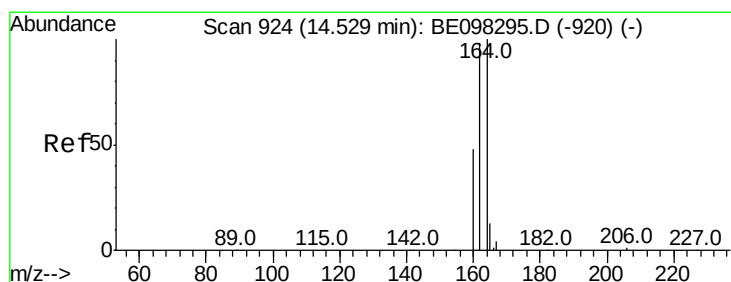
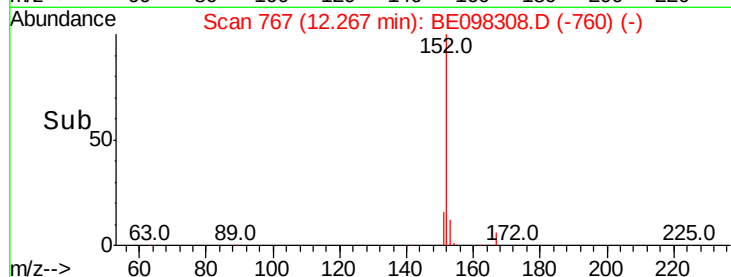
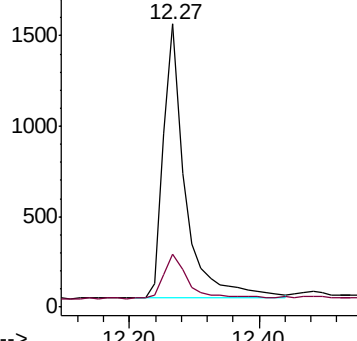
152 100

151 18.1 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: BE098308.D

Acq: 10 Dec 2018 21:16

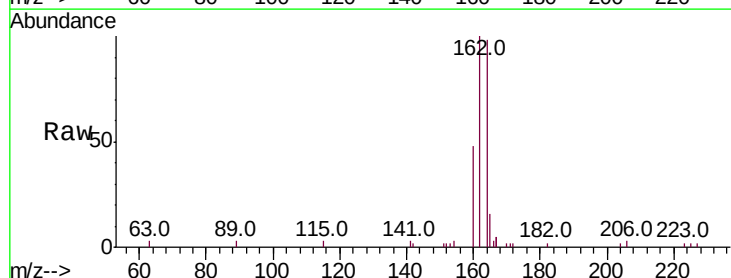
Tgt Ion:164 Resp: 3666

Ion Ratio Lower Upper

164 100

162 101.9 77.6 116.4

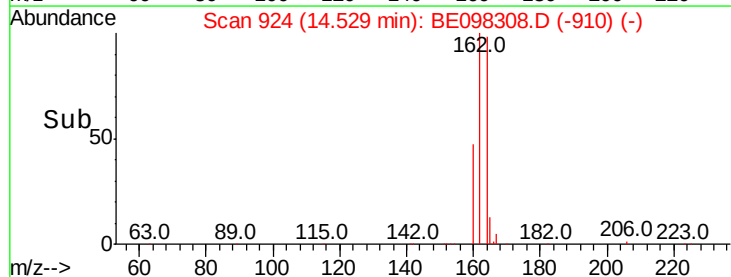
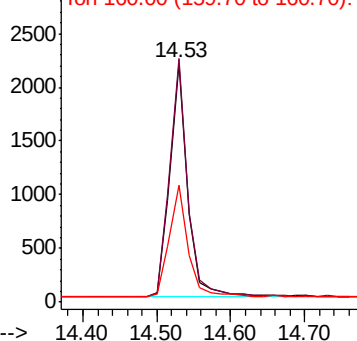
160 48.7 36.0 54.0

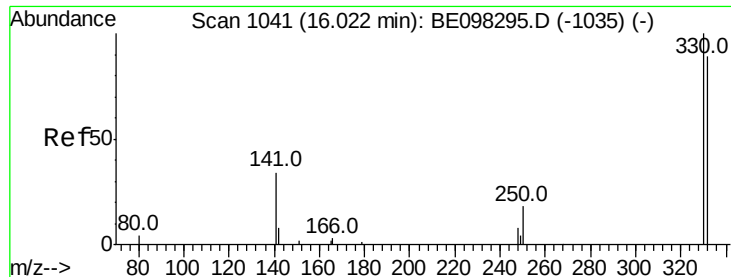


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

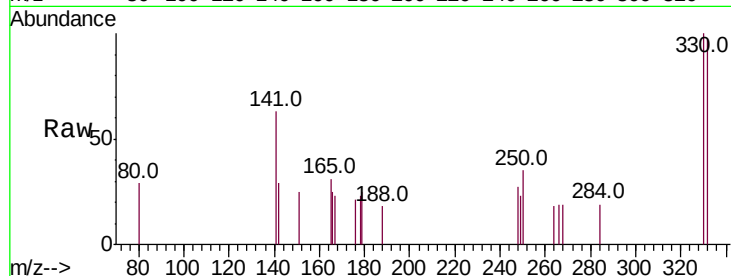




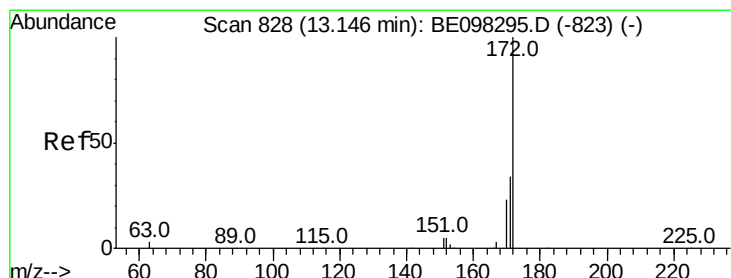
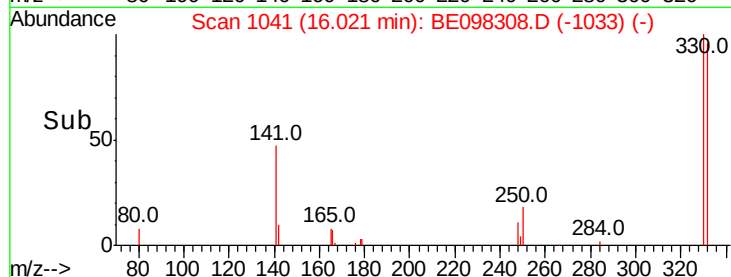
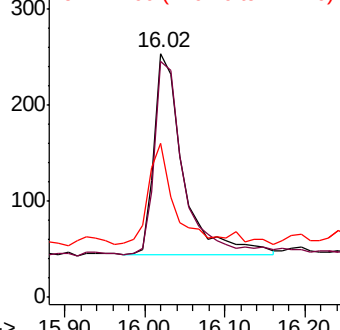
#14
 2,4,6-Tribromophenol
 Concen: 0.393 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098308.D
 Acq: 10 Dec 2018 21:16

Instrument :
 BNA_E
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 BPS1-TT-MW30211-20181205

Tot Ion:330 Resp: 529
 Ion Ratio Lower Upper
 330 100
 332 99.1 76.2 114.4
 141 44.2 39.0 58.4

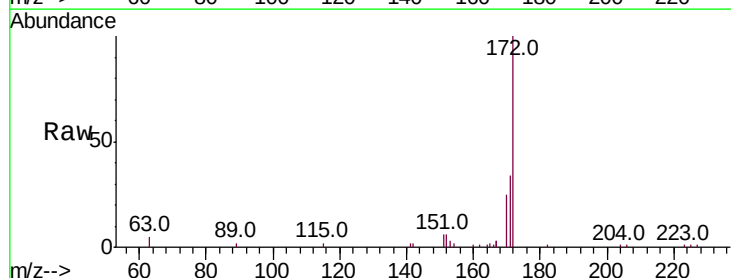


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

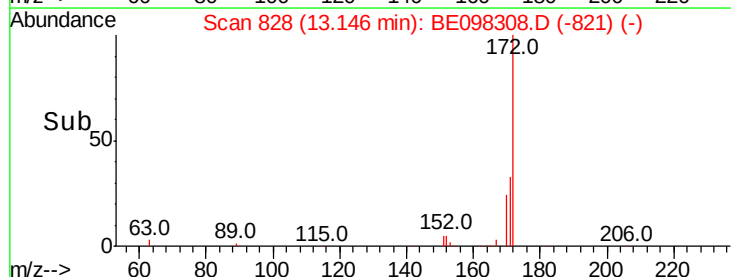
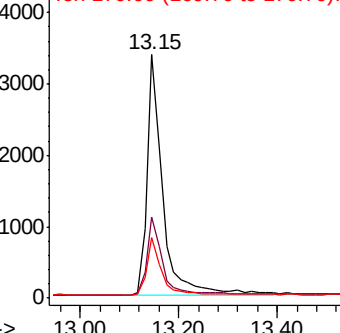


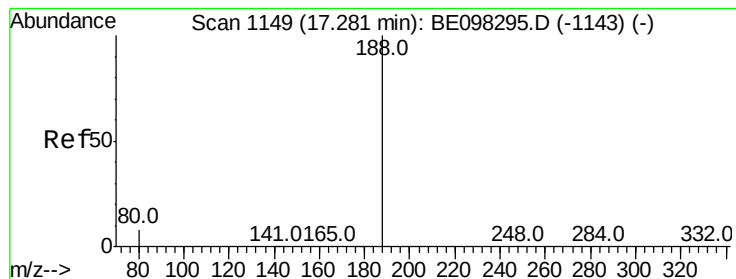
#15
 2-Fluorobiphenyl
 Concen: 0.472 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098308.D
 Acq: 10 Dec 2018 21:16

Tgt Ion:172 Resp: 7291
 Ion Ratio Lower Upper
 172 100
 171 33.5 27.5 41.3
 170 24.8 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: BE098308.D

Acq: 10 Dec 2018 21:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20181205

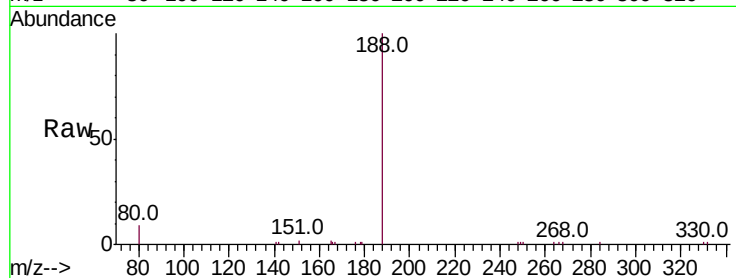
Tot Ion:188 Resp: 9663

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

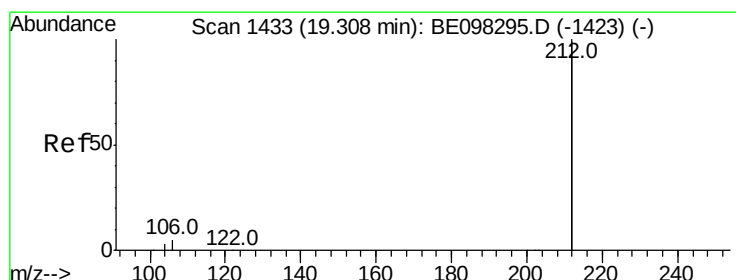
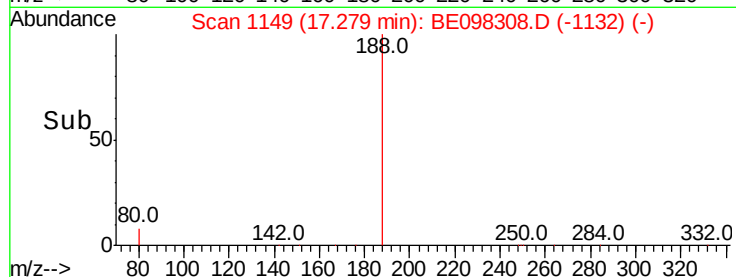
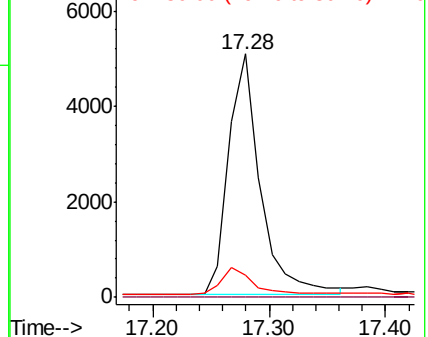
80 9.4 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Fluoranthene-d10

Concen: 0.447 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

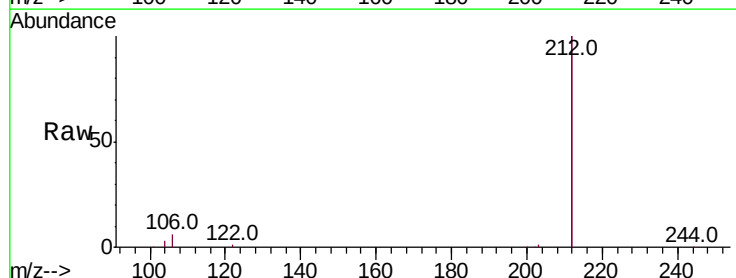
Tgt Ion:212 Resp: 55399

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.2

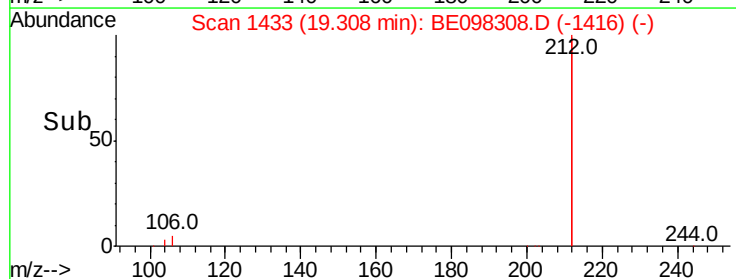
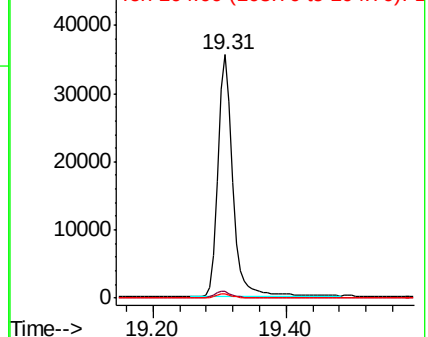
104 1.5 1.3 1.9

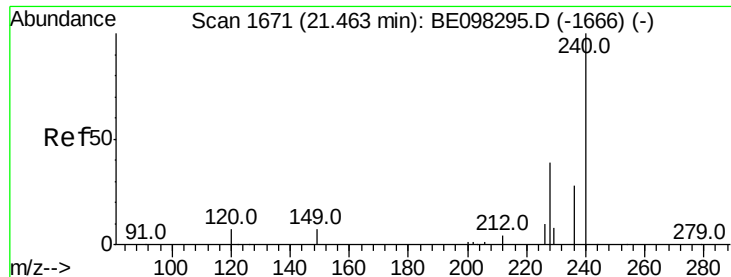


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

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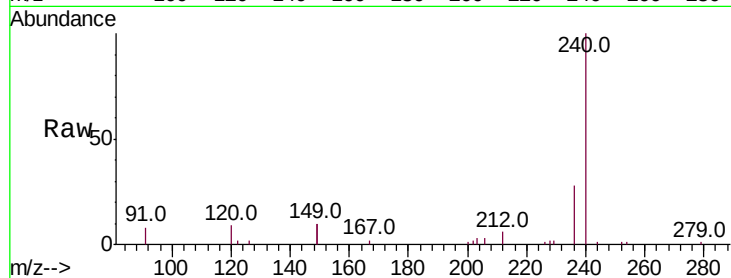
Tot Ion:240 Resp: 12440

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

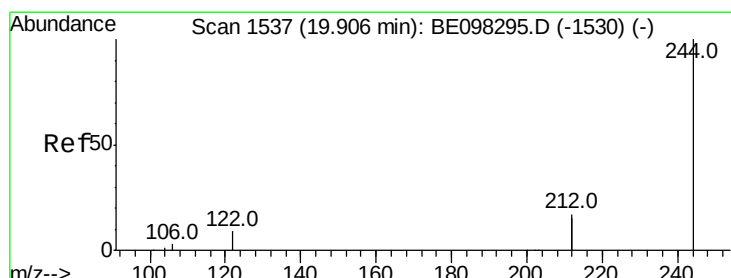
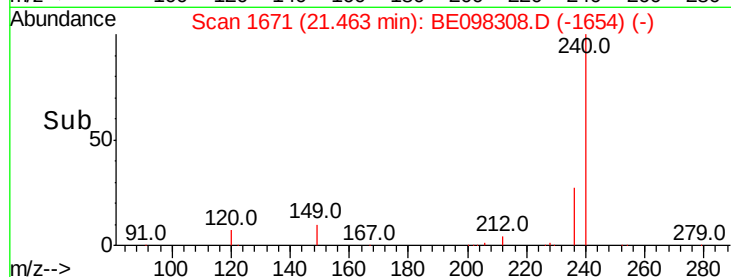
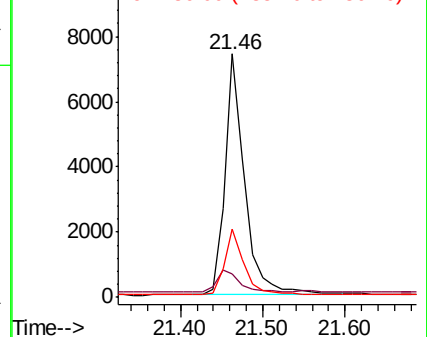
236 28.0 22.7 34.1



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: 0.399 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

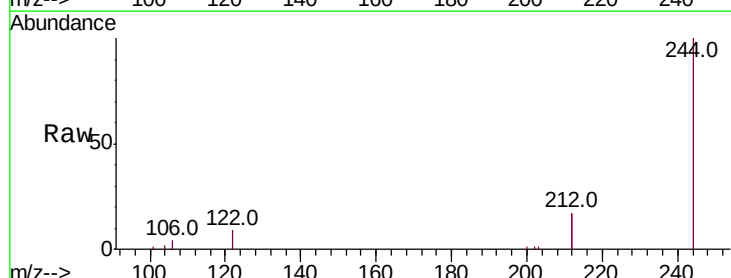
Tgt Ion:244 Resp: 12072

Ion Ratio Lower Upper

244 100

212 33.4 27.4 41.0

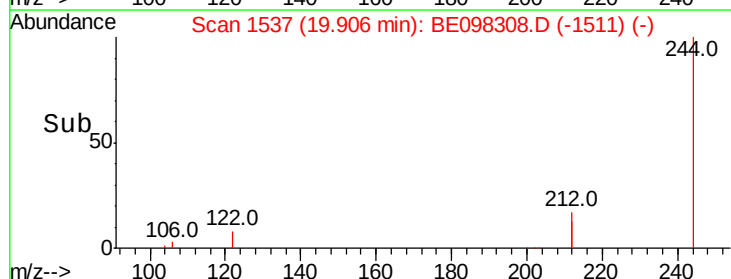
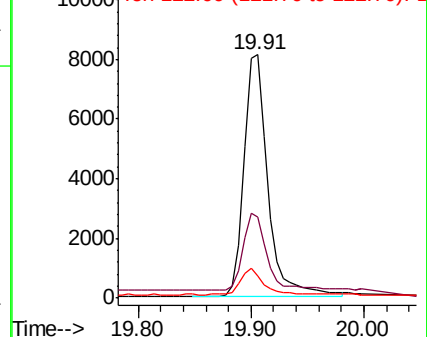
122 9.4 8.3 12.5

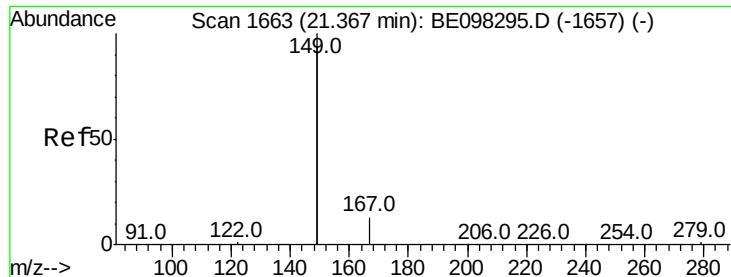


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

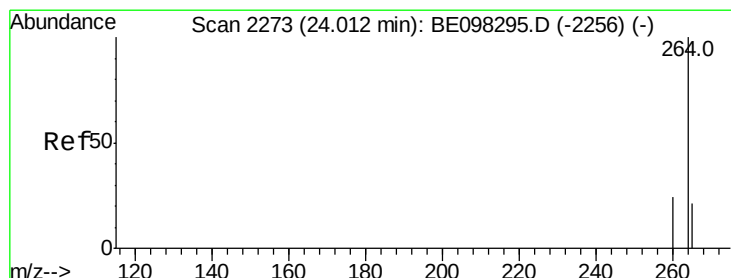
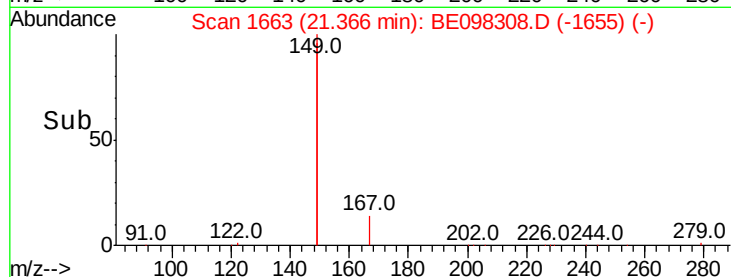
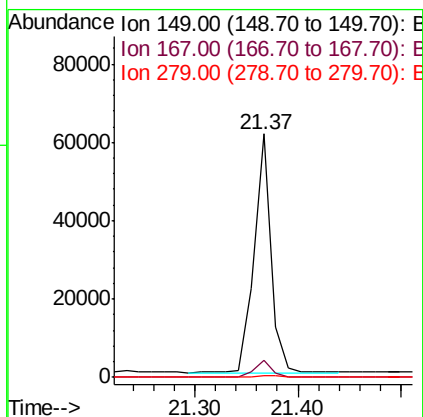
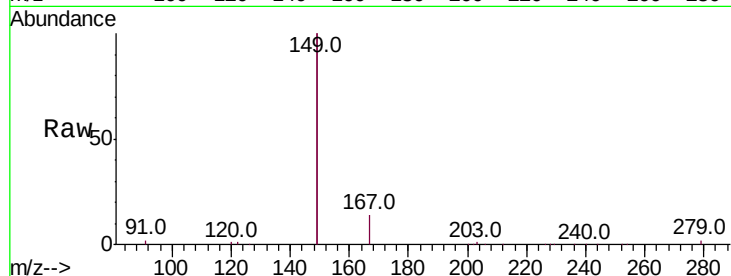




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.970 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098308.D
 Acq: 10 Dec 2018 21:16

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30211-20181205

Tot Ion:149 Resp: 69811
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.7 8.5
 279 1.0 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: BE098308.D
 Acq: 10 Dec 2018 21:16

Tgt Ion:264 Resp: 12045
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.2 30.2
 265 29.5 25.2 37.8

