

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098305.D
 Acq On : 10 Dec 2018 19:26
 Operator : SJ/JU
 Sample : J6259-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20181205

Quant Time: Dec 11 01:08:59 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

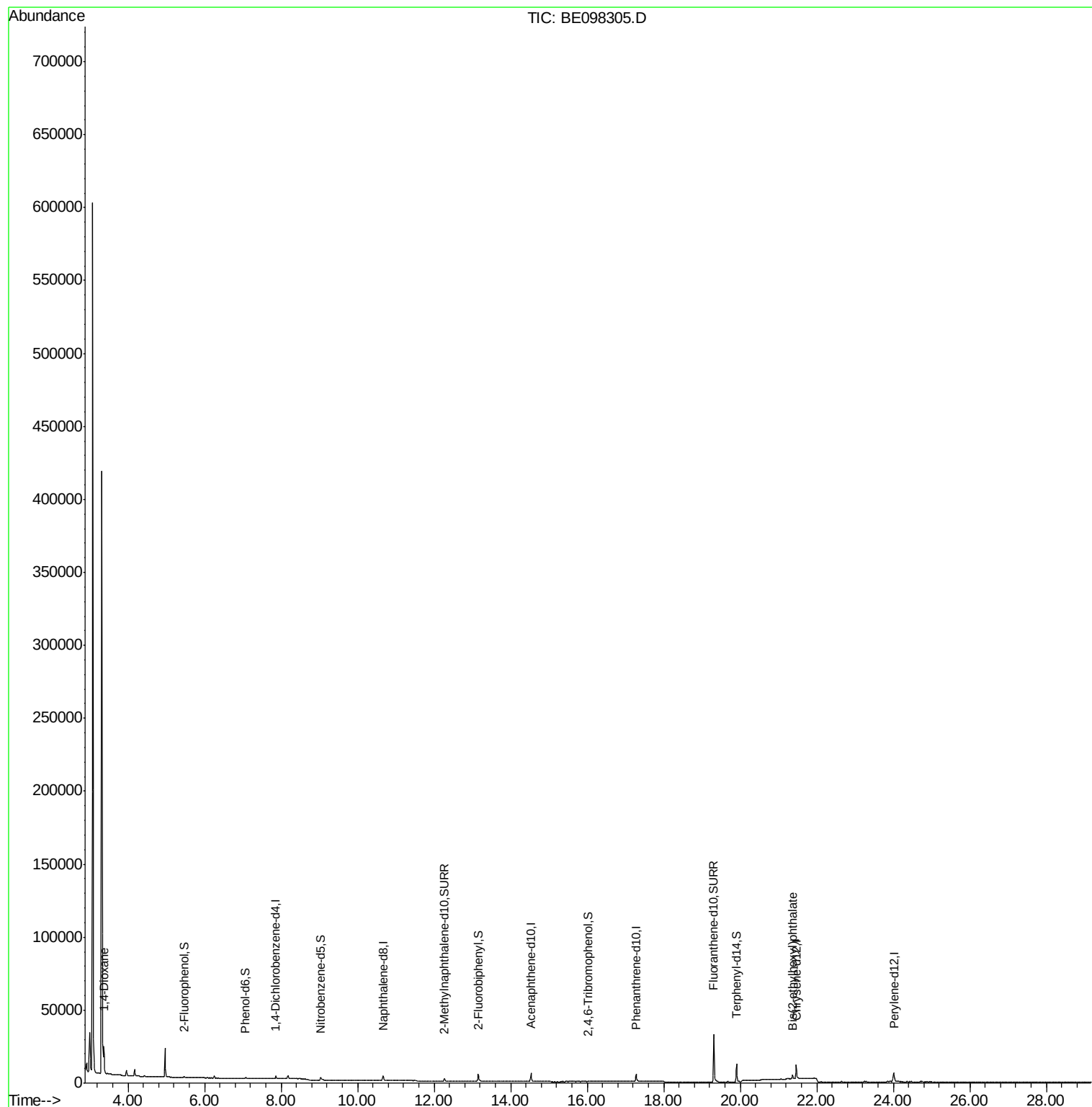
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1338	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5510	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3408	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9138	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11232	0.40	ng	0.00
34) Perylene-d12	24.01	264	10646	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	537	0.17	ng	0.01
5) Phenol-d6	7.05	99	374	0.08	ng	0.00
8) Nitrobenzene-d5	9.03	82	1735	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3515	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	494	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6989	0.49	ng	0.00
25) Fluoranthene-d10	19.31	212	50552	0.43	ng	0.00
29) Terphenyl-d14	19.91	244	13271	0.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	8076	3.490	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	4127	0.064	ng	98

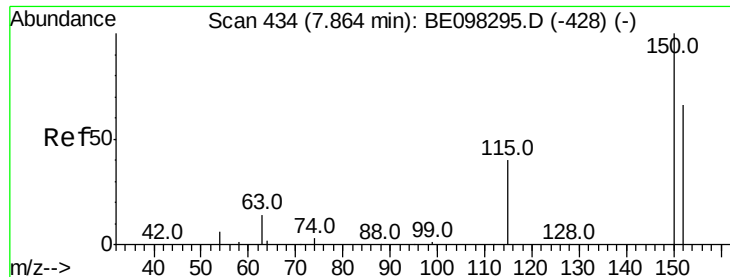
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

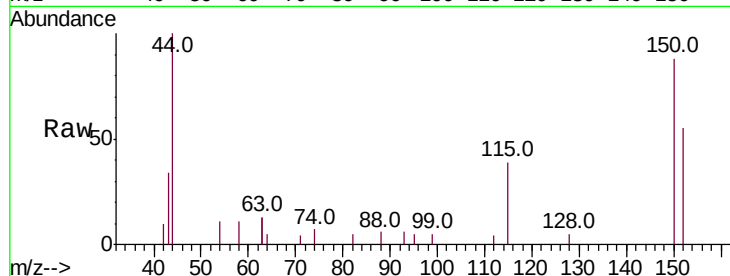
Tot Ion:152 Resp: 1338

Ion Ratio Lower Upper

152 100

150 160.6 124.2 186.4

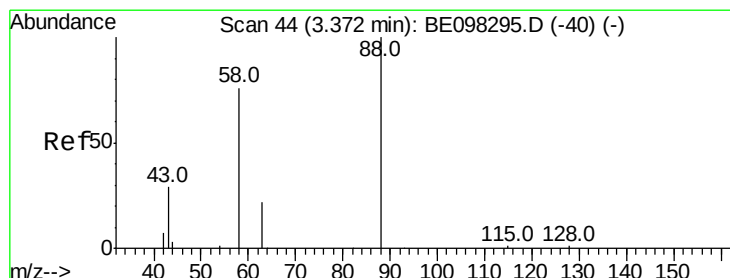
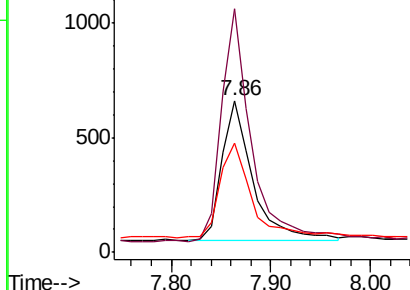
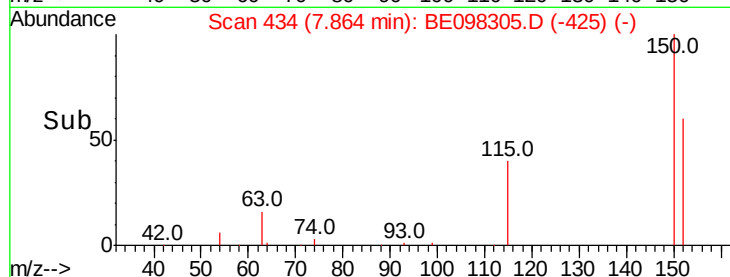
115 72.2 53.9 80.9



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: 3.490 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

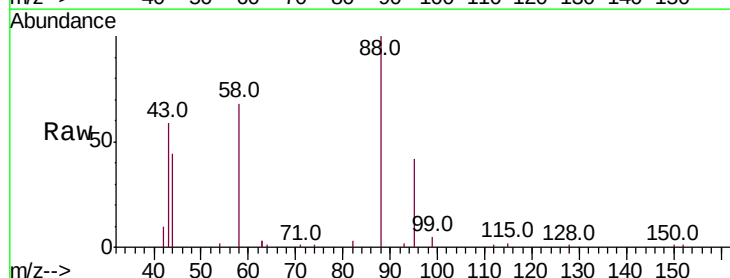
Tgt Ion: 88 Resp: 8076

Ion Ratio Lower Upper

88 100

58 94.4 75.0 112.6

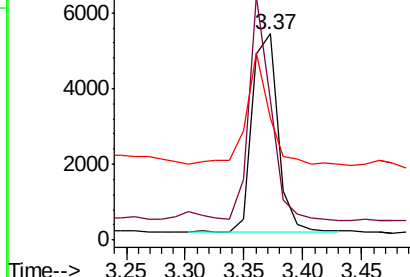
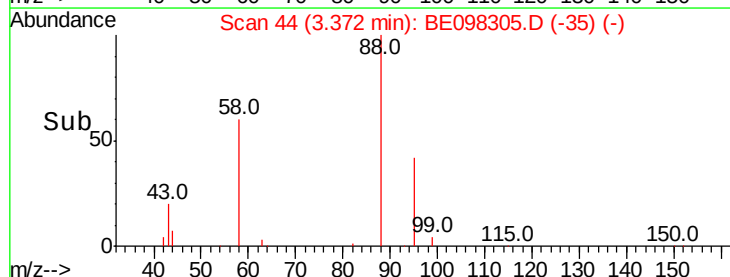
43 50.3 38.3 57.5

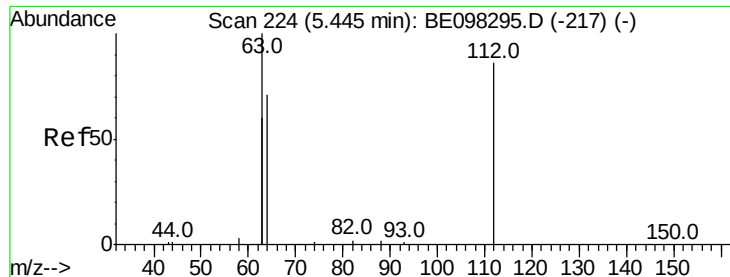


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.171 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

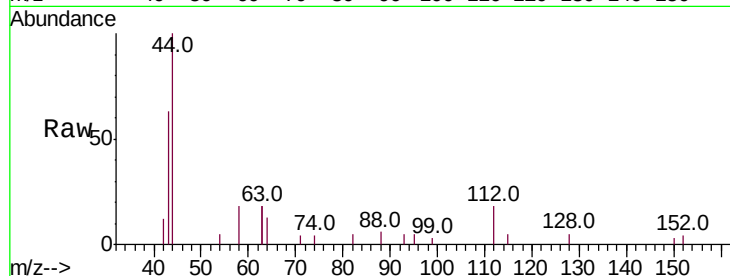
Tot Ion:112 Resp: 537

Ion Ratio Lower Upper

112 100

64 78.2 59.8 89.8

63 171.3 133.7 200.5



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

800

600

400

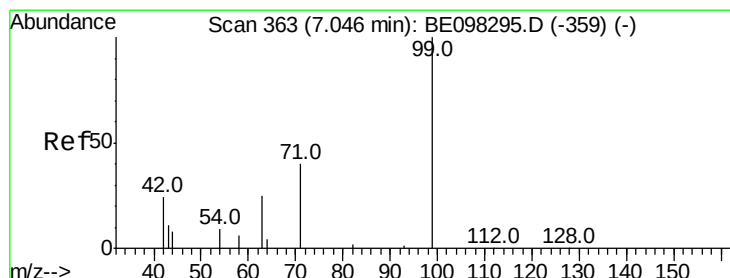
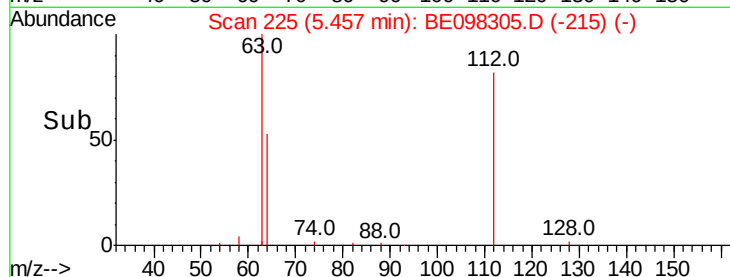
200

0

5.46

5.40 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.084 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

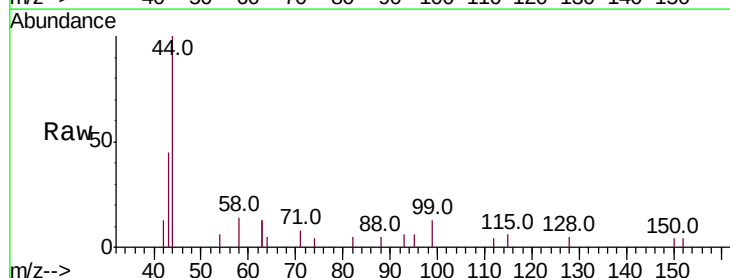
Tgt Ion: 99 Resp: 374

Ion Ratio Lower Upper

99 100

42 43.6 26.3 39.5#

71 48.1 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

250

200

150

100

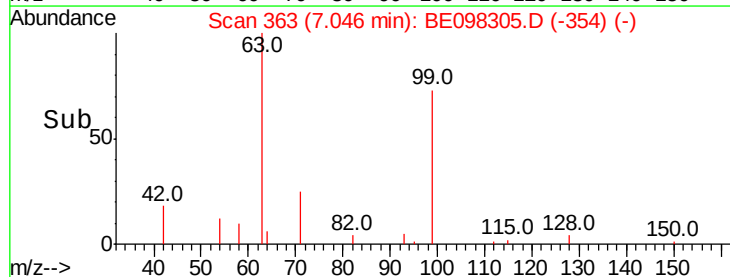
50

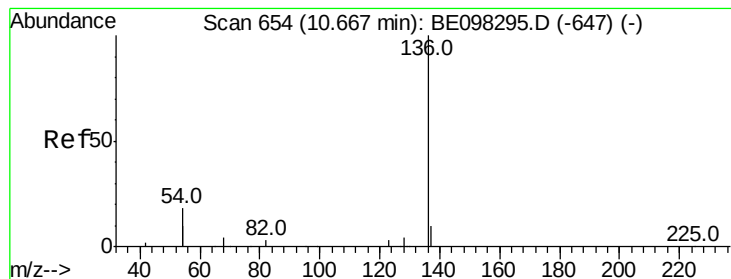
0

7.05

7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

Tot Ion:136 Resp: 5510

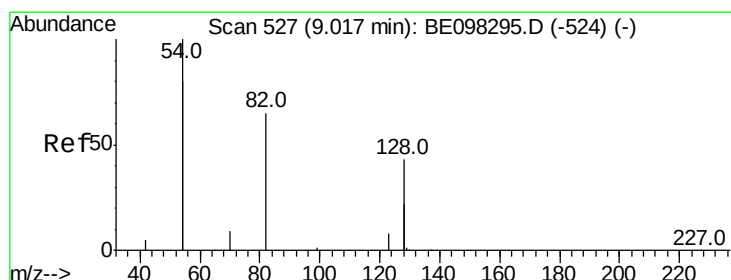
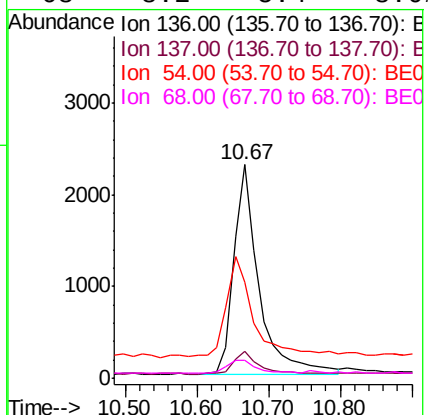
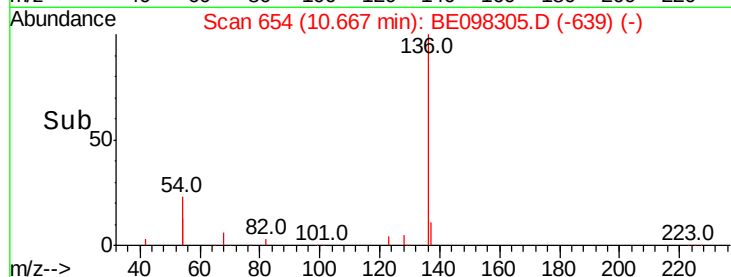
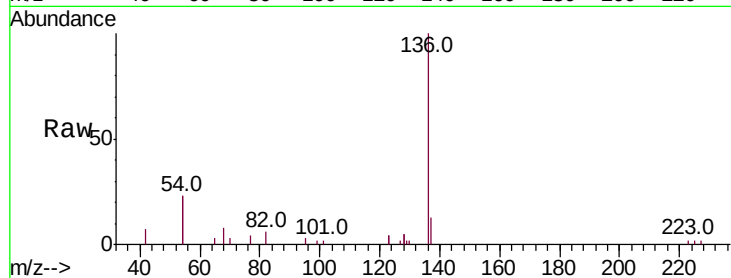
Ion Ratio Lower Upper

136 100

137 12.6 9.2 13.8

54 45.1 28.4 42.6#

68 8.2 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

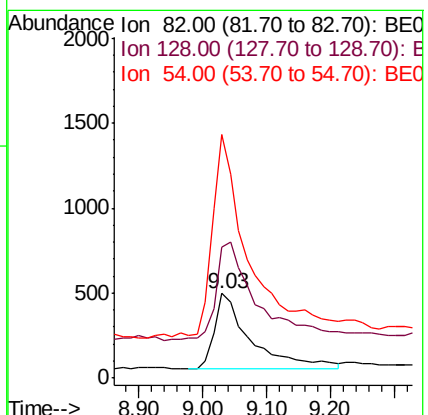
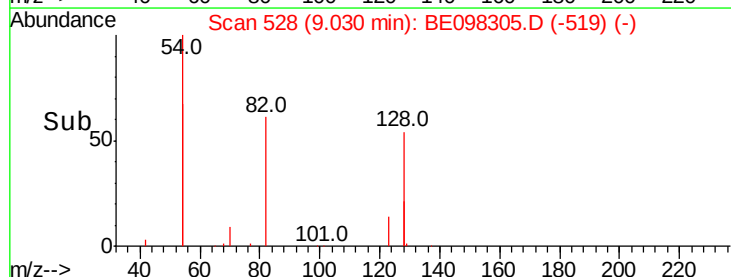
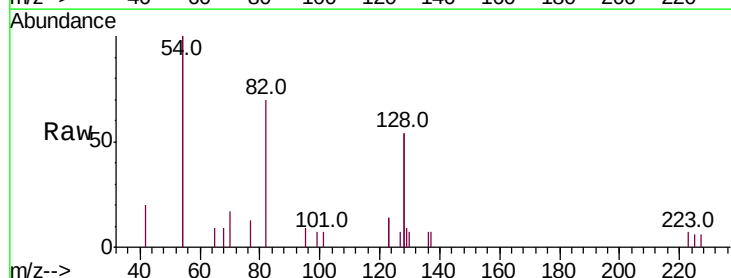
Tgt Ion: 82 Resp: 1735

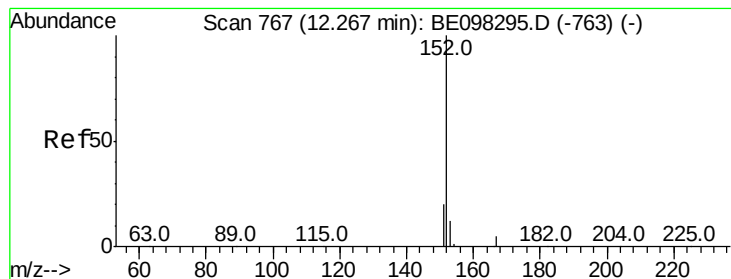
Ion Ratio Lower Upper

82 100

128 154.3 102.4 153.6#

54 287.0 221.8 332.8





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

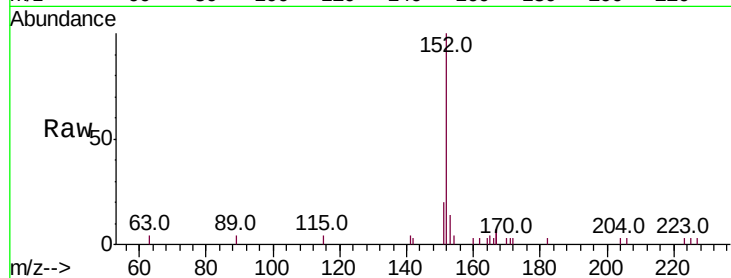
BPS1-TT-MW305I-20181205

Tot Ion:152 Resp: 3515

Ion Ratio Lower Upper

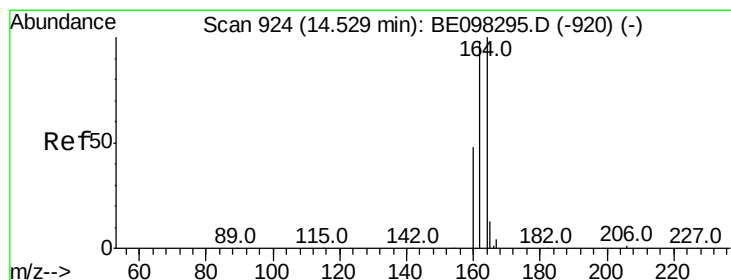
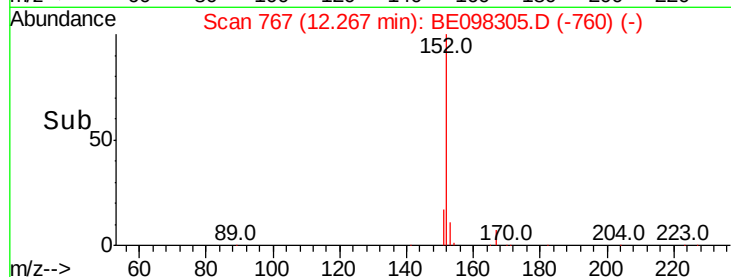
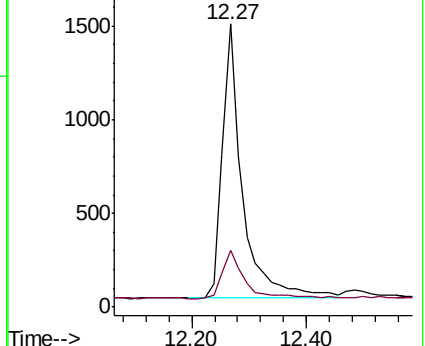
152 100

151 20.4 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: BE098305.D

Acq: 10 Dec 2018 19:26

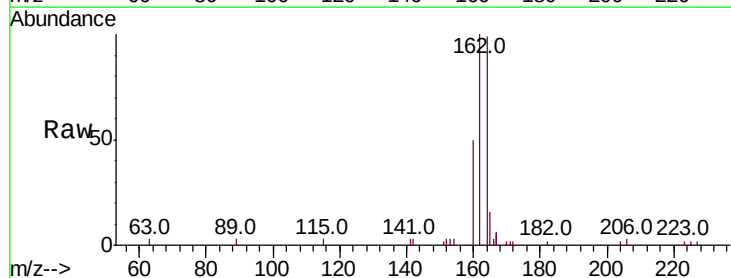
Tgt Ion:164 Resp: 3408

Ion Ratio Lower Upper

164 100

162 101.2 77.6 116.4

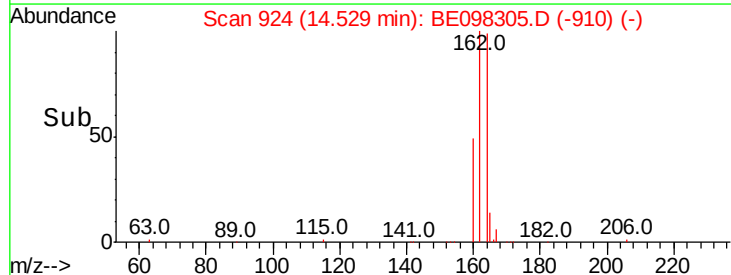
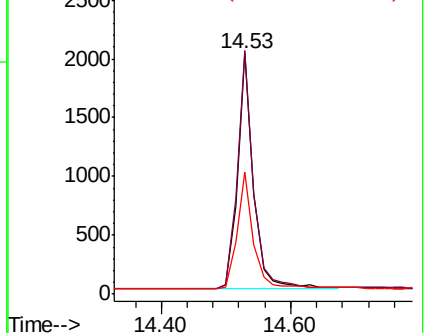
160 50.9 36.0 54.0

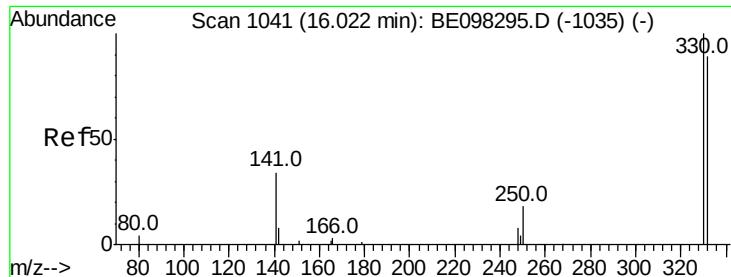


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.395 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

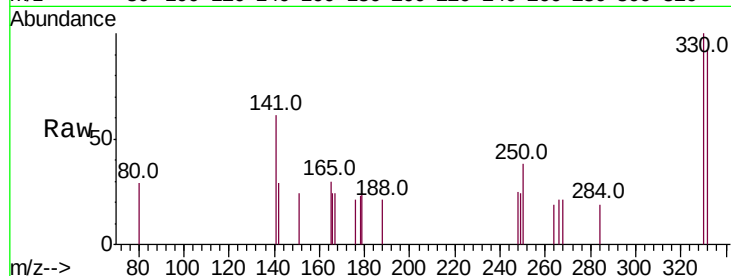
Tot Ion:330 Resp: 494

Ion Ratio Lower Upper

330 100

332 94.5 76.2 114.4

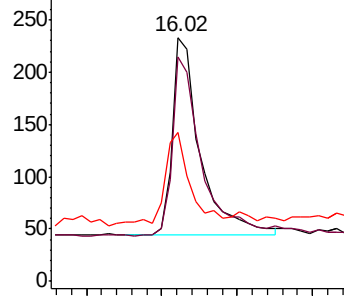
141 39.1 39.0 58.4



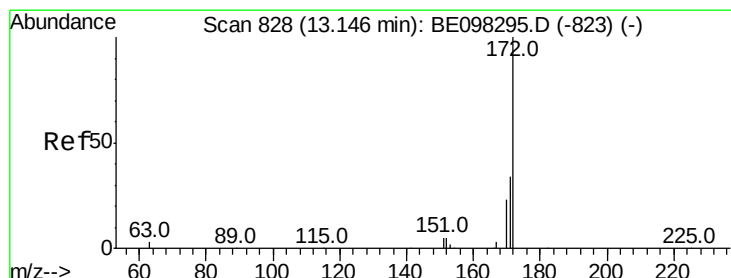
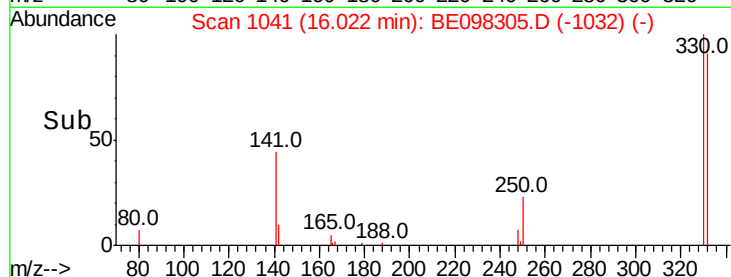
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#15

2-Fluorobiphenyl

Concen: 0.486 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

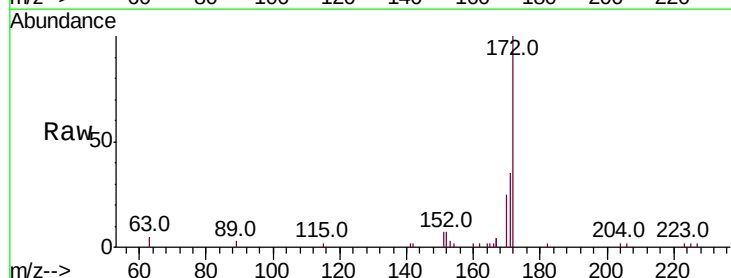
Tgt Ion:172 Resp: 6989

Ion Ratio Lower Upper

172 100

171 35.2 27.5 41.3

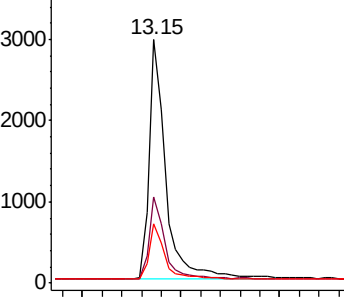
170 24.5 19.6 29.4



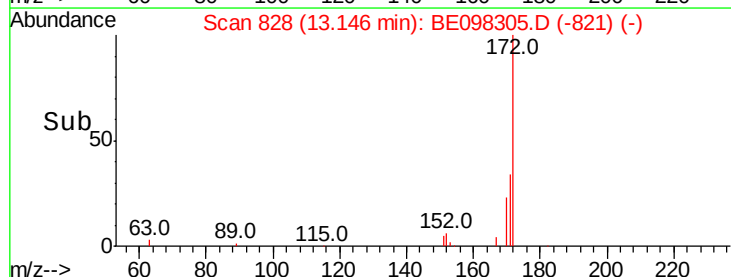
Abundance Ion 172.00 (171.70 to 172.70): E

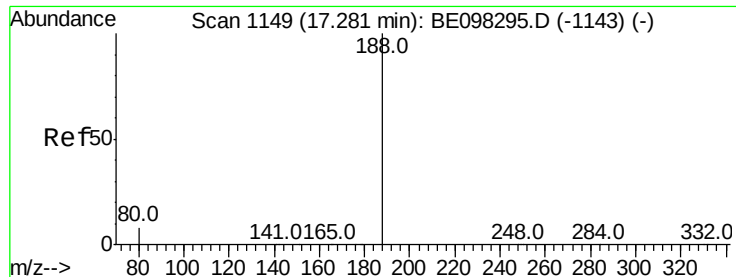
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

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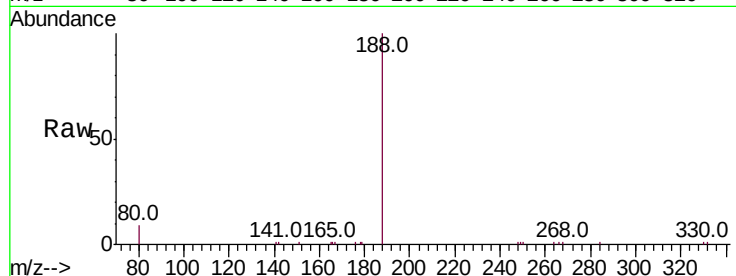
Tot Ion:188 Resp: 9138

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

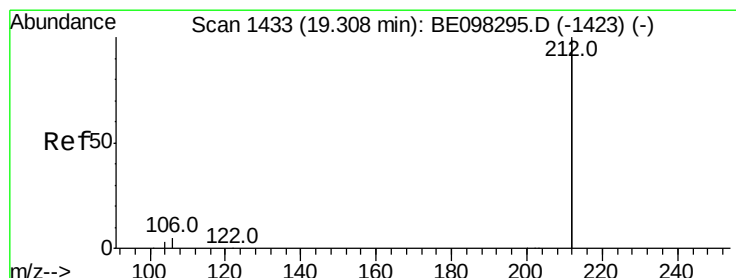
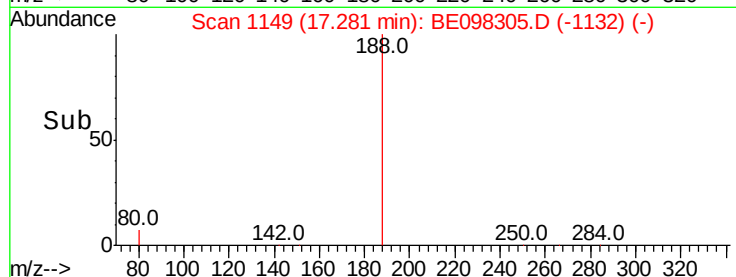
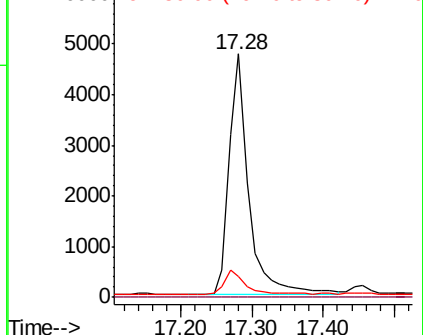
80 8.8 7.2 10.8



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: 0.431 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

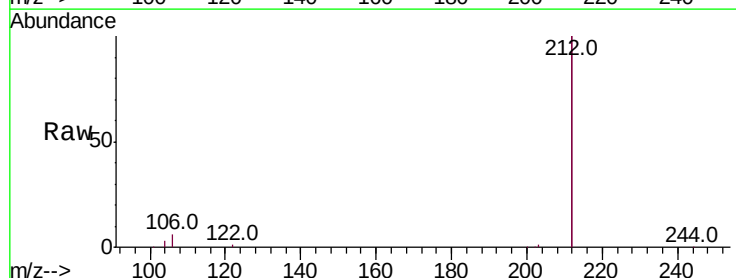
Tgt Ion:212 Resp: 50552

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

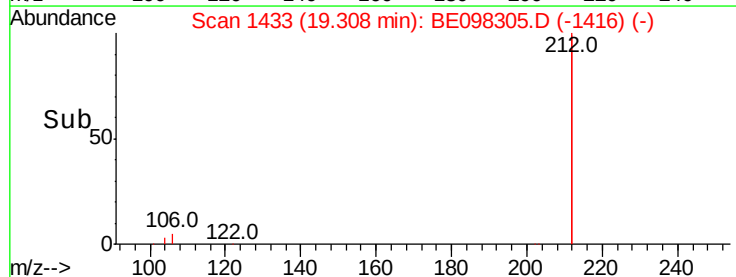
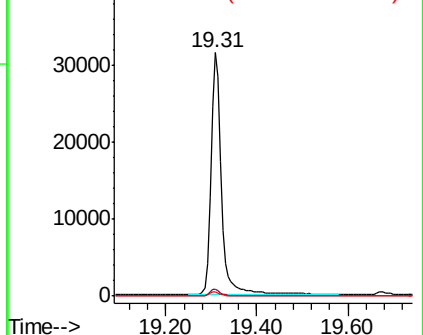
104 1.5 1.3 1.9

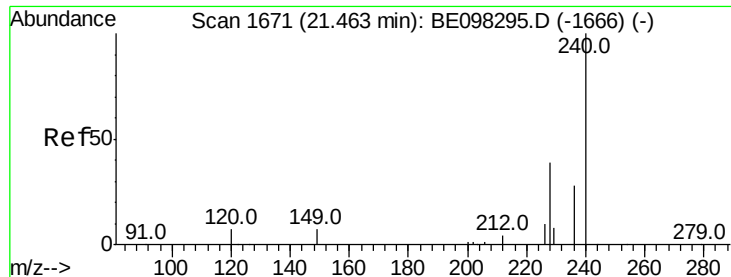


Abundance Ion 212.00 (211.70 to 212.70): E

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

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

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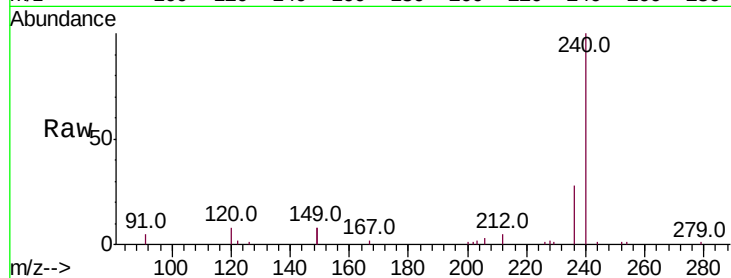
Tot Ion:240 Resp: 11232

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

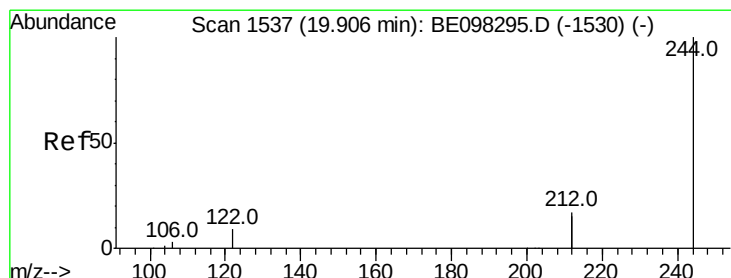
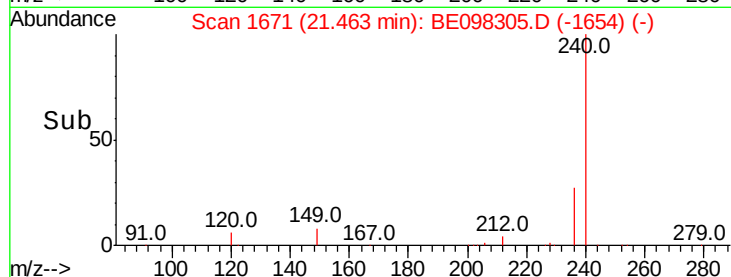
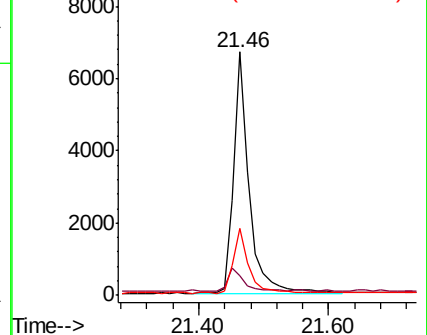
236 27.5 22.7 34.1



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: 0.486 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

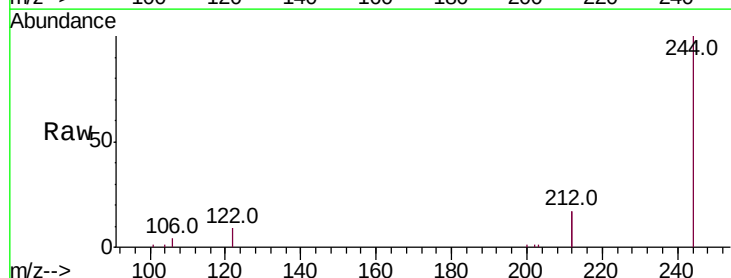
Tgt Ion:244 Resp: 13271

Ion Ratio Lower Upper

244 100

212 33.3 27.4 41.0

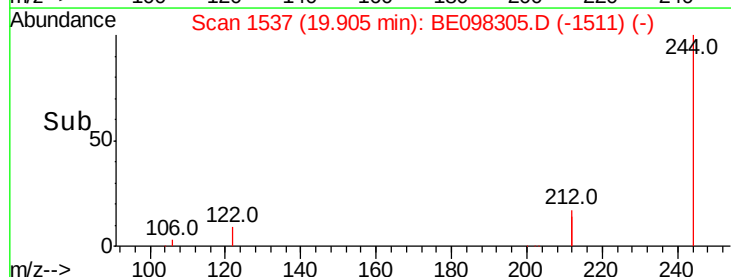
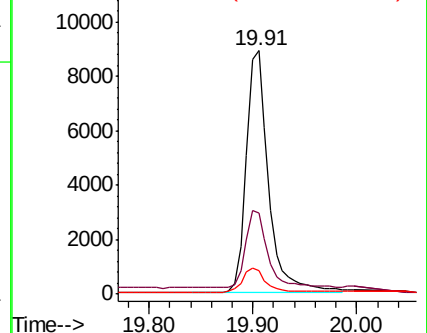
122 9.4 8.3 12.5

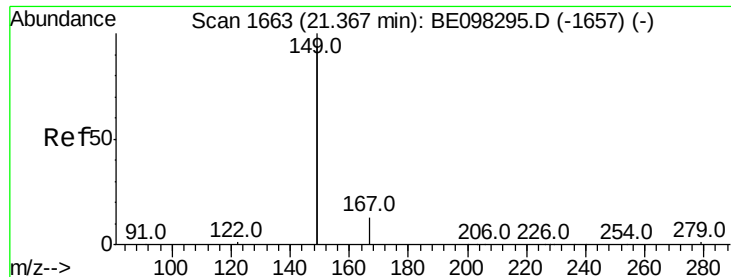


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

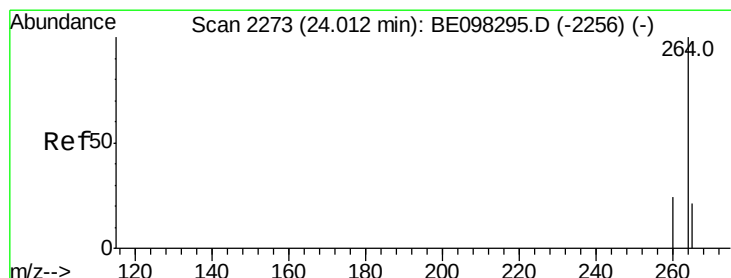
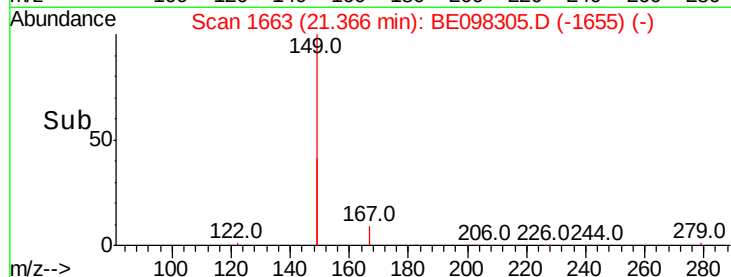
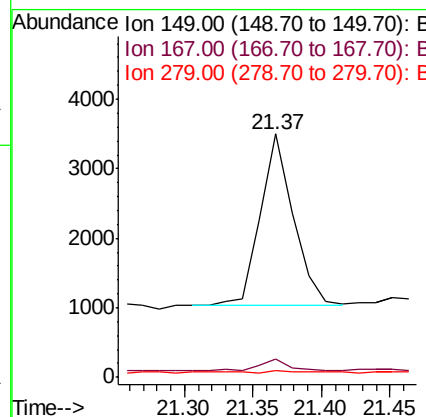
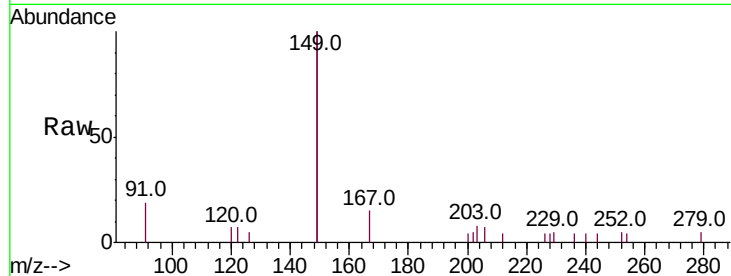




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.064 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098305.D
 Acq: 10 Dec 2018 19:26

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20181205

Tot Ion:149 Resp: 4127
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.7 8.5
 279 1.1 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: BE098305.D
 Acq: 10 Dec 2018 19:26

Tgt Ion:264 Resp: 10646
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.2 30.2
 265 32.0 25.2 37.8

