

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098325.D
 Acq On : 11 Dec 2018 9:27
 Operator : SJ/JU
 Sample : J6259-14DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Dec 11 10:46:25 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

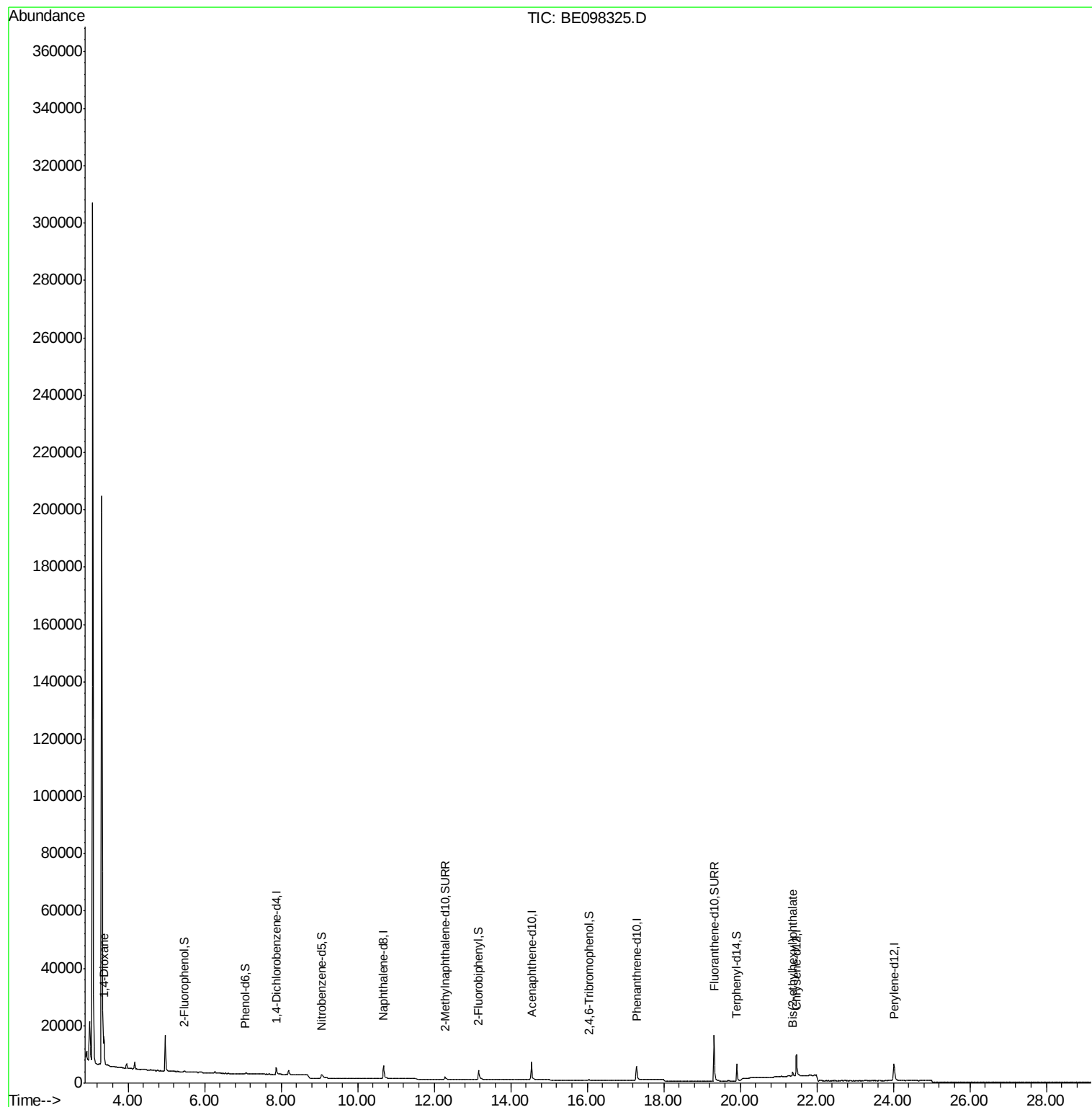
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1542	0.40	ng	0.01
7) Naphthalene-d8	10.68	136	6673	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	4329	0.40	ng	0.01
19) Phenanthrene-d10	17.29	188	10021	0.40	ng	0.01
27) Chrysene-d12	21.47	240	11141	0.40	ng	0.01
34) Perylene-d12	24.02	264	10682	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	294	0.08	ng	0.02
5) Phenol-d6	7.07	99	191	0.04	ng	0.02
8) Nitrobenzene-d5	9.06	82	1241	0.20	ng	0.04
11) 2-Methylnaphthalene-d10	12.28	152	2043	0.19	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	270	0.17	ng	0.02
15) 2-Fluorobiphenyl	13.16	172	4471	0.24	ng	0.01
25) Fluoranthene-d10	19.31	212	26193	0.20	ng	0.00
29) Terphenyl-d14	19.91	244	6613	0.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	4684	1.756	ng	97
32) Bis(2-ethylhexyl)phthalate	21.37	149	2594	0.040	ng	# 99

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

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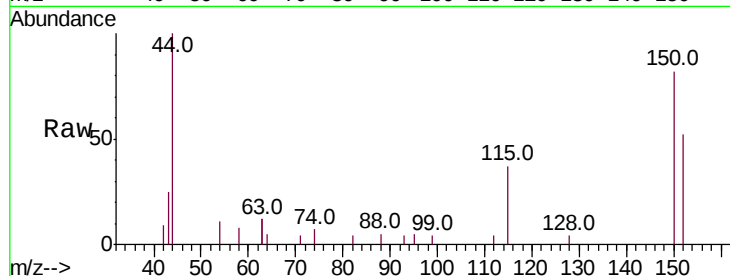


#1

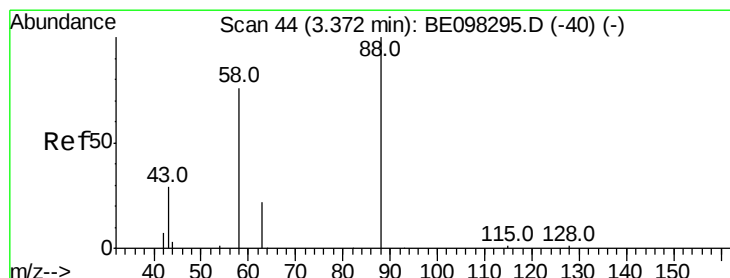
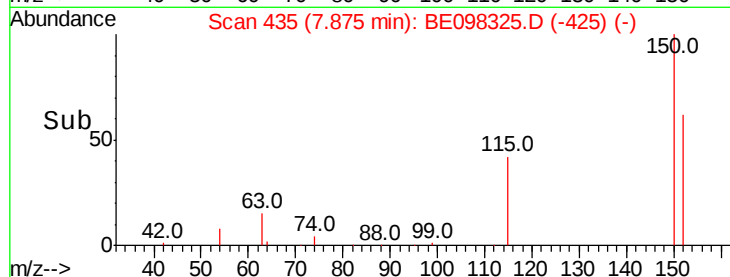
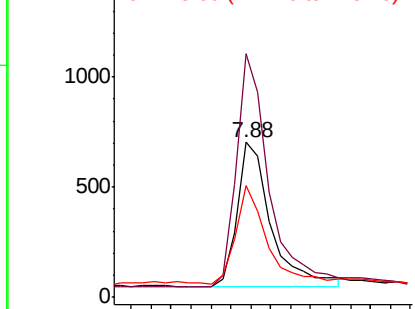
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098325.D
Acq: 11 Dec 2018 9:27

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

Tot Ion:152 Resp: 1542
Ion Ratio Lower Upper
152 100
150 157.2 124.2 186.4
115 72.0 53.9 80.9



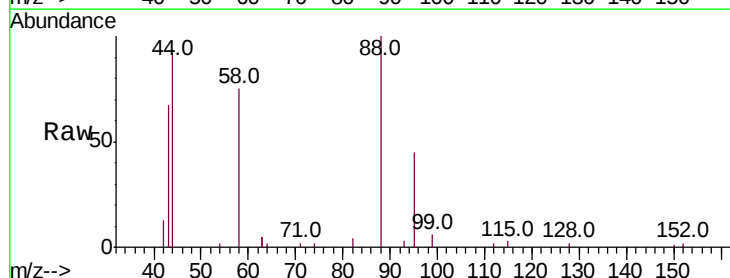
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



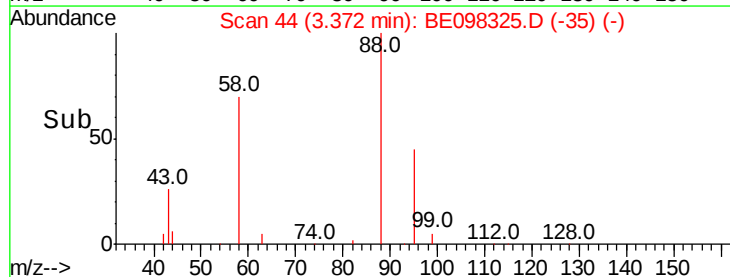
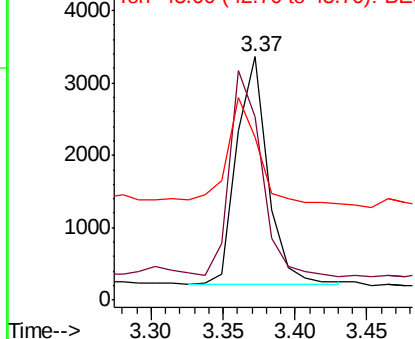
#2

1,4-Dioxane
Concen: 1.756 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098325.D
Acq: 11 Dec 2018 9:27

Tgt Ion: 88 Resp: 4684
Ion Ratio Lower Upper
88 100
58 91.8 75.0 112.6
43 44.8 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: 0.081 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.02 min

Lab File: BE098325.D

Acq: 11 Dec 2018 9:27

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205DL

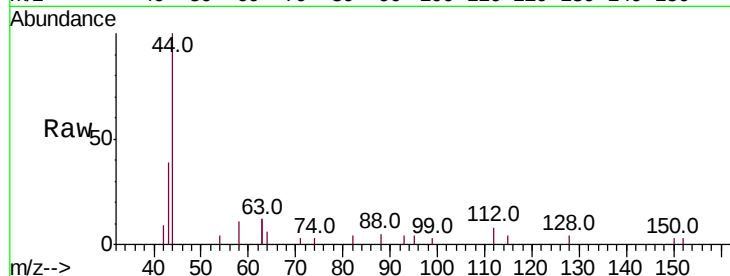
Tot Ion: 112 Resp: 294

Ion Ratio Lower Upper

112 100

64 71.4 59.8 89.8

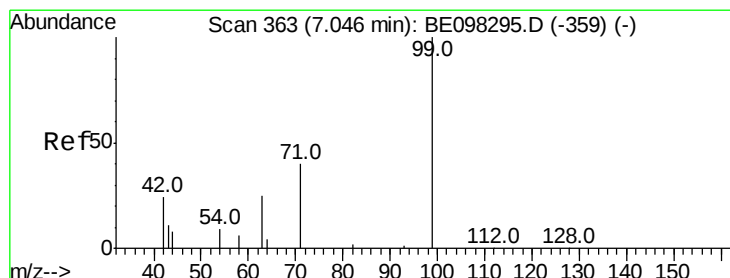
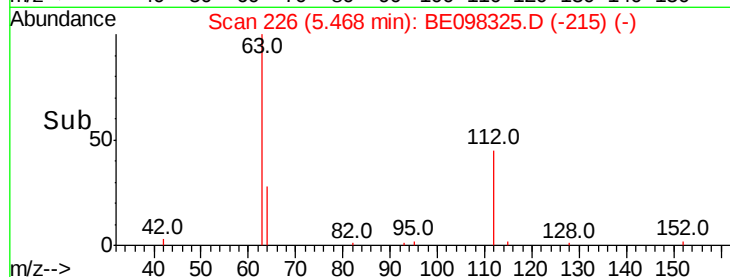
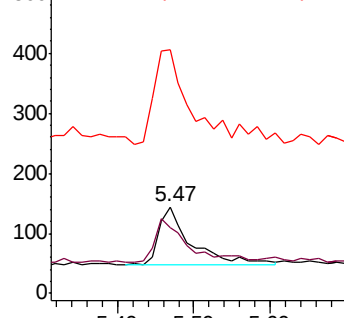
63 169.7 133.7 200.5



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: 0.037 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098325.D

Acq: 11 Dec 2018 9:27

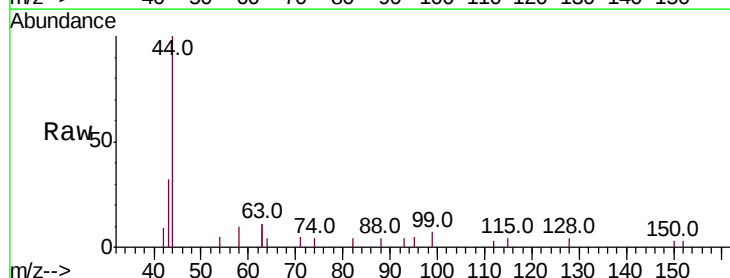
Tgt Ion: 99 Resp: 191

Ion Ratio Lower Upper

99 100

42 89.5 26.3 39.5#

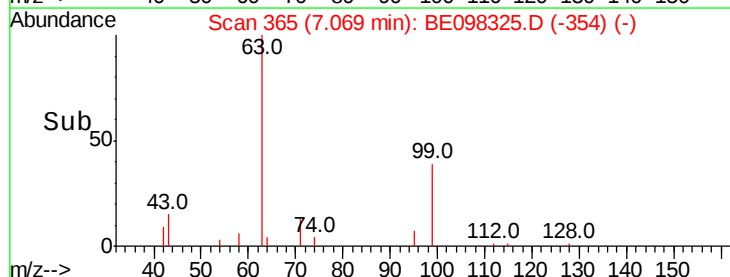
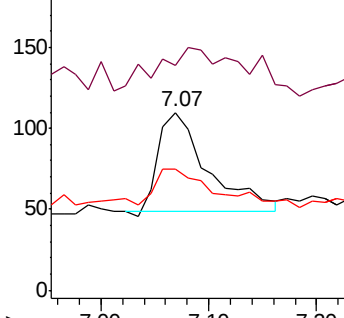
71 0.0 33.6 50.4#



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: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE098325.D

Acq: 11 Dec 2018 9:27

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205DL

Tot Ion:136 Resp: 6673

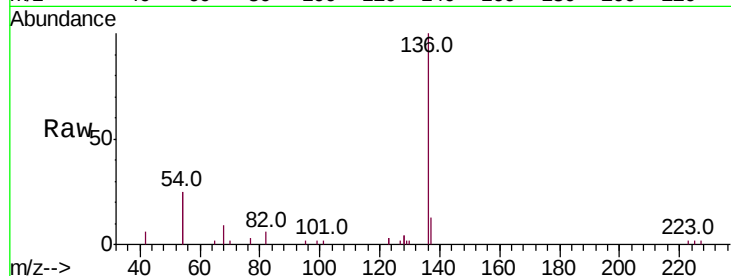
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 49.6 28.4 42.6#

68 8.8 5.4 8.0#

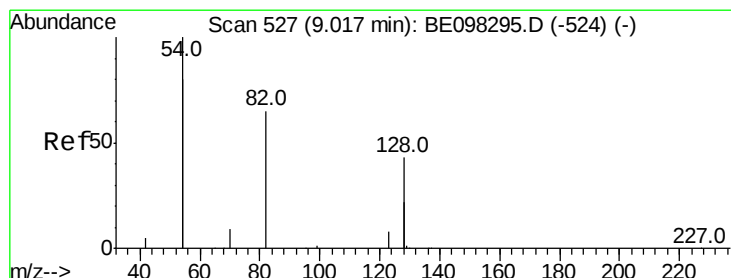
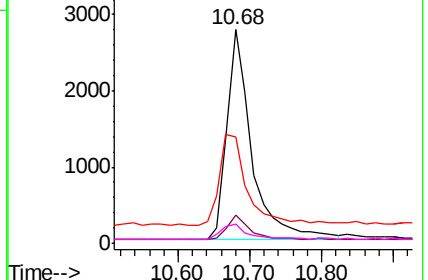
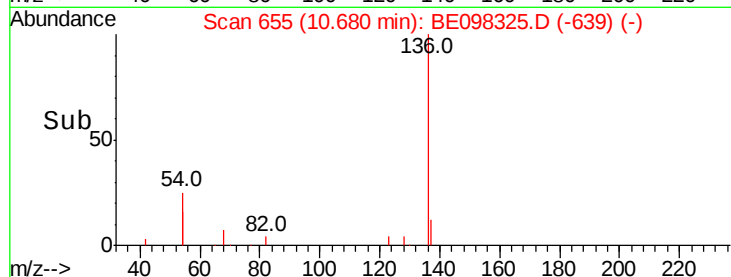


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.204 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.04 min

Lab File: BE098325.D

Acq: 11 Dec 2018 9:27

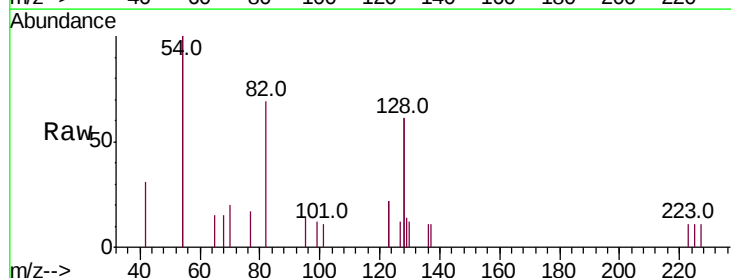
Tgt Ion: 82 Resp: 1241

Ion Ratio Lower Upper

82 100

128 174.9 102.4 153.6#

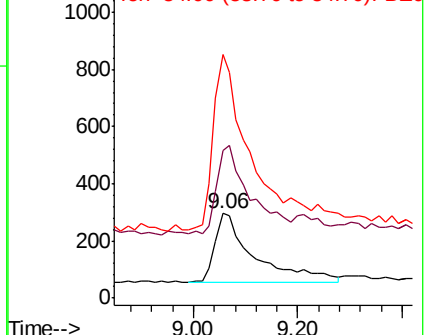
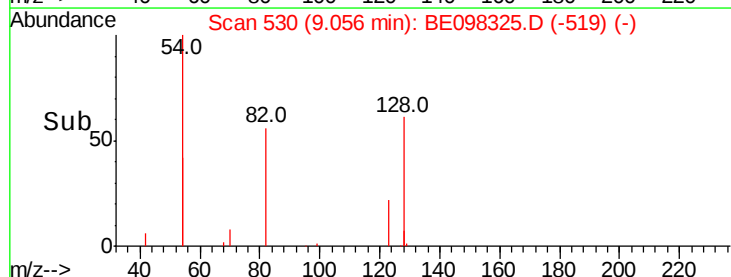
54 288.8 221.8 332.8

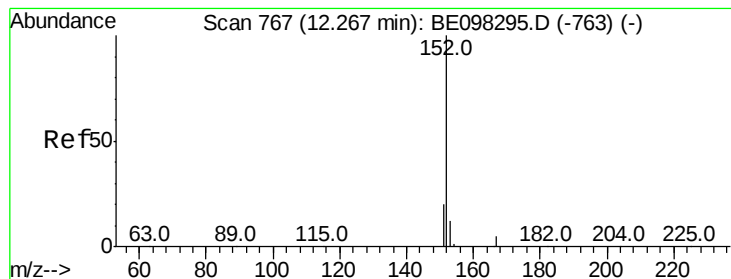


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

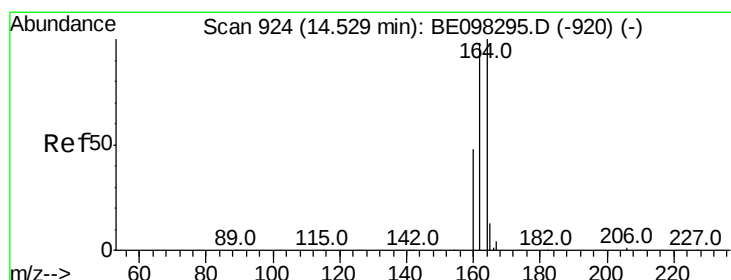
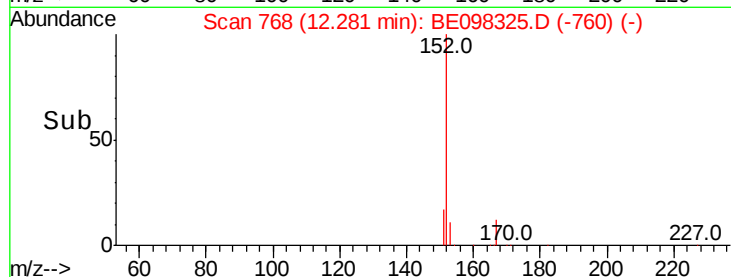
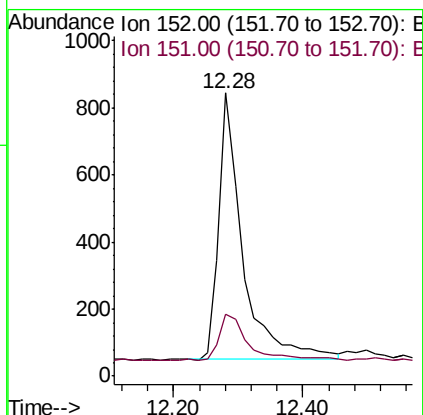
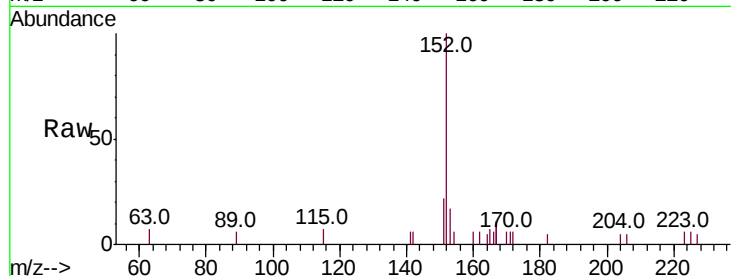




#11
 2-Methylnaphthalene-d10
 Concen: 0.188 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE098325.D
 Acq: 11 Dec 2018 9:27

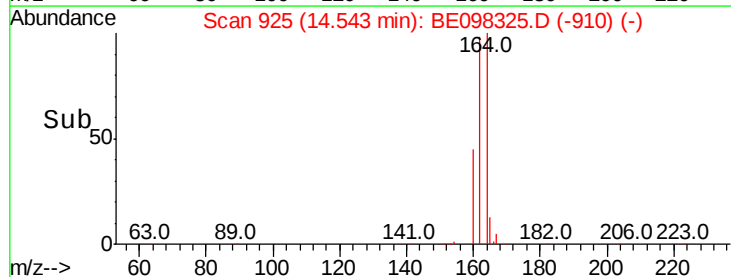
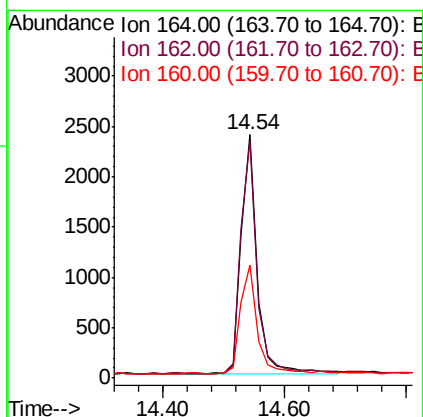
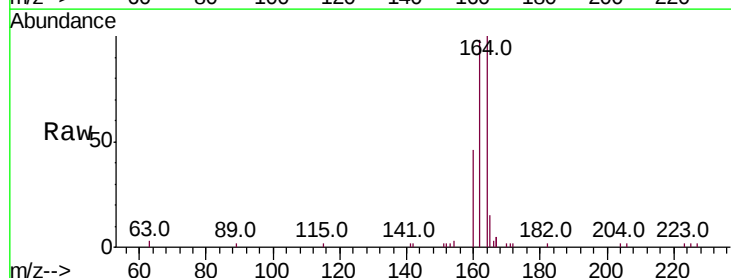
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20181205DL

Tot Ion:152 Resp: 2043
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BE098325.D
 Acq: 11 Dec 2018 9:27

Tgt Ion:164 Resp: 4329
 Ion Ratio Lower Upper
 164 100
 162 97.6 77.6 116.4
 160 46.5 36.0 54.0

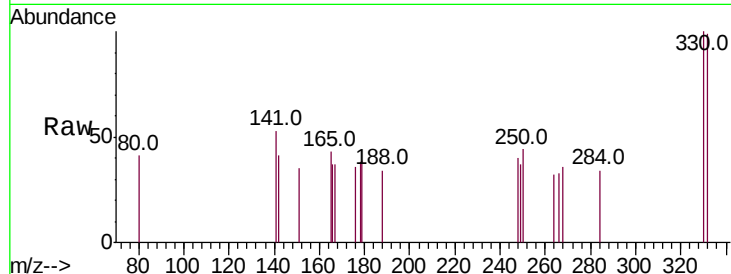




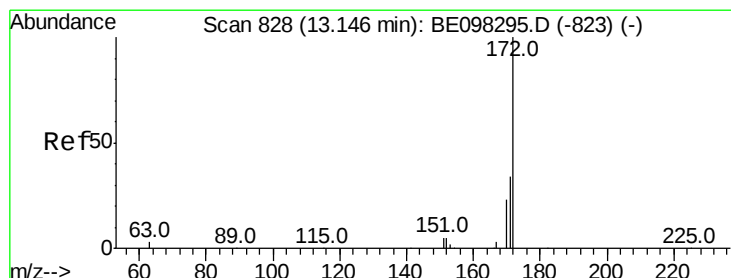
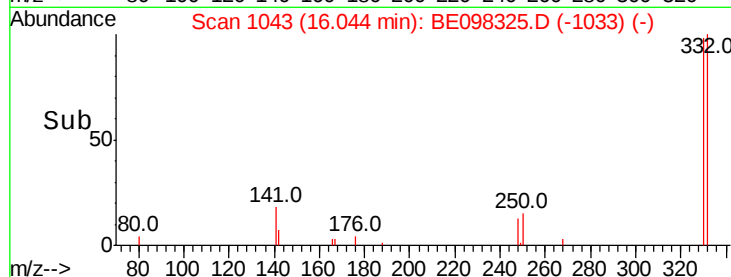
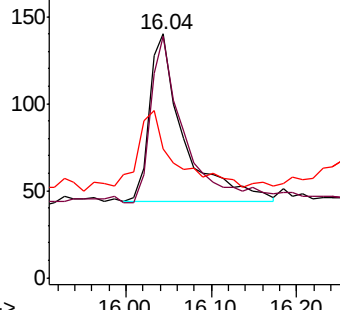
#14
 2,4,6-Tribromophenol
 Concen: 0.170 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BE098325.D
 Acq: 11 Dec 2018 9:27

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

Tot Ion:330 Resp: 270
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.2 114.4
 141 46.3 39.0 58.4

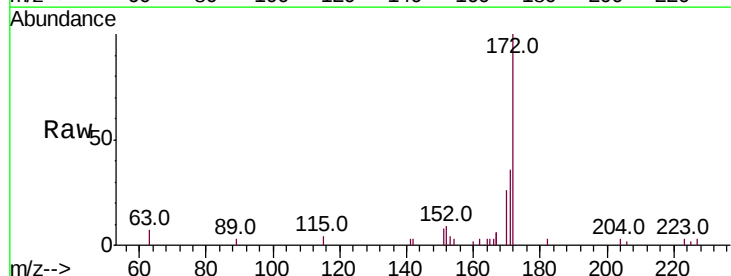


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

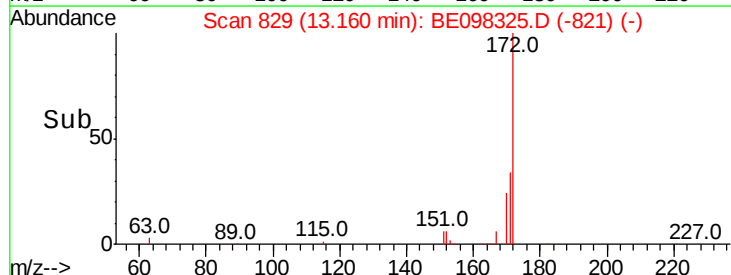
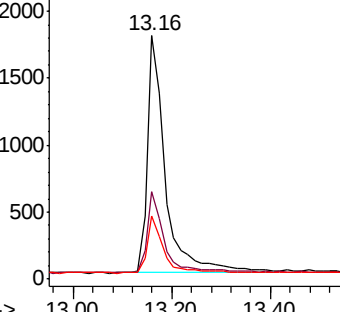


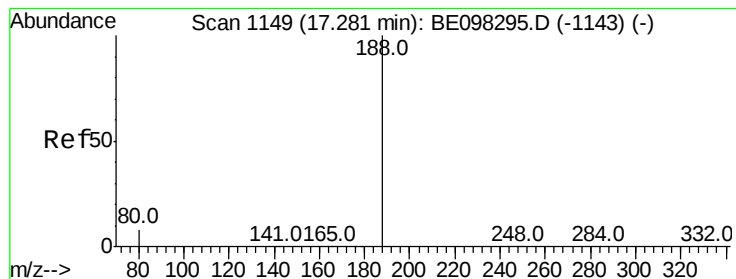
#15
 2-Fluorobiphenyl
 Concen: 0.245 ng
 RT: 13.16 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BE098325.D
 Acq: 11 Dec 2018 9:27

Tgt Ion:172 Resp: 4471
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.5 41.3
 170 25.7 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: 17.29 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BE098325.D

Acq: 11 Dec 2018 9:27

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205DL

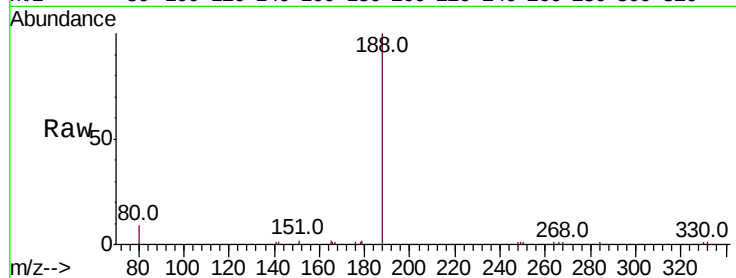
Tot Ion:188 Resp: 10021

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 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

6000

5000

4000

3000

2000

1000

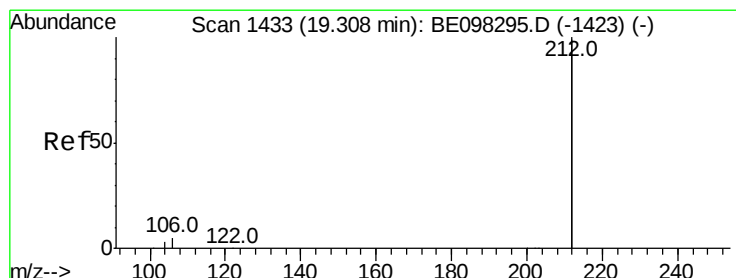
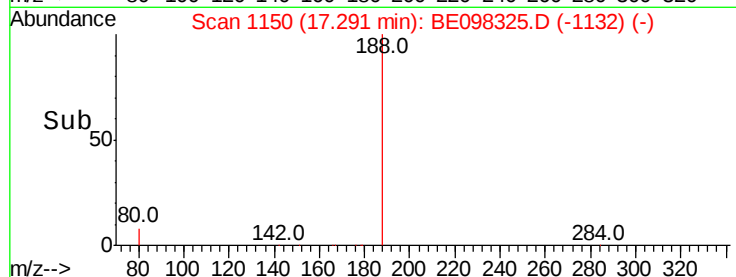
0

17.29

17.30

17.40

Time-->



#25

Fluoranthene-d10

Concen: 0.204 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098325.D

Acq: 11 Dec 2018 9:27

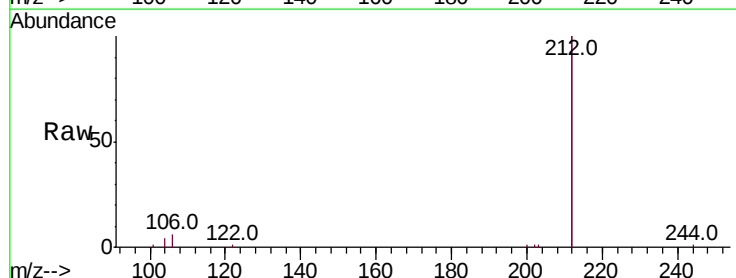
Tgt Ion:212 Resp: 26193

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

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

20000

15000

10000

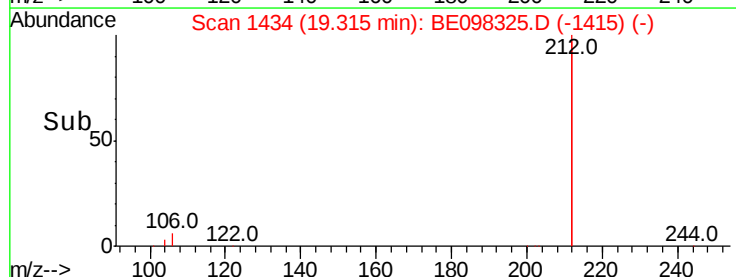
5000

0

19.31

19.40

Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BE098325.D

Acq: 11 Dec 2018 9:27

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205DL

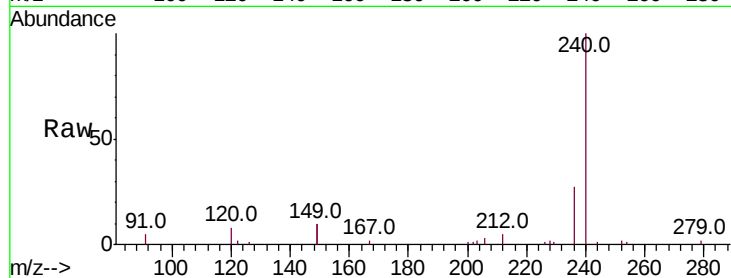
Tot Ion:240 Resp: 11141

Ion Ratio Lower Upper

240 100

120 7.7 9.5 14.3#

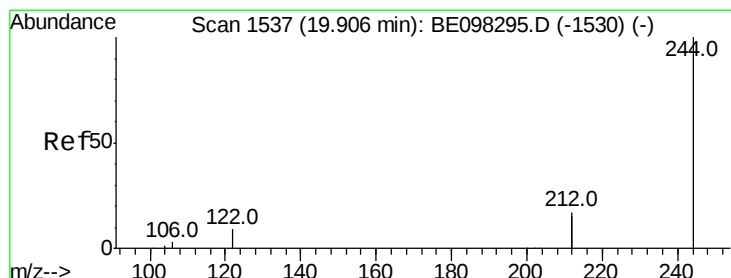
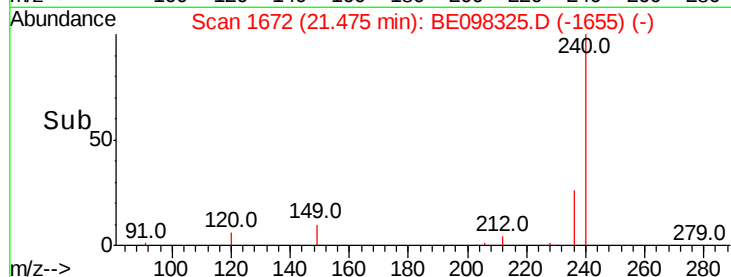
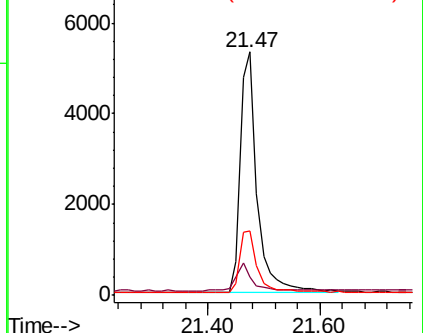
236 26.6 22.7 34.1



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: 0.244 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BE098325.D

Acq: 11 Dec 2018 9:27

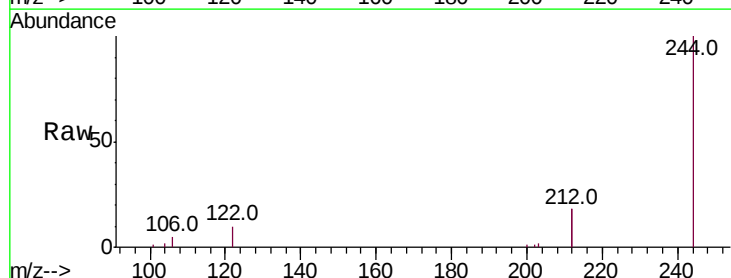
Tgt Ion:244 Resp: 6613

Ion Ratio Lower Upper

244 100

212 36.2 27.4 41.0

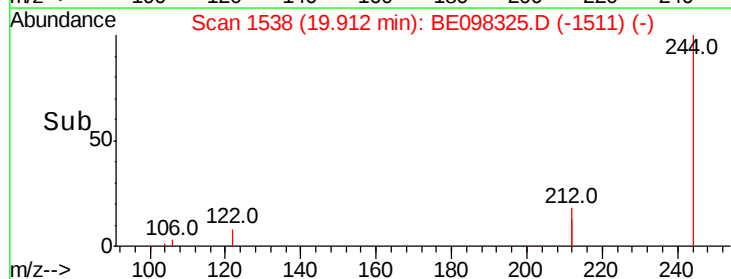
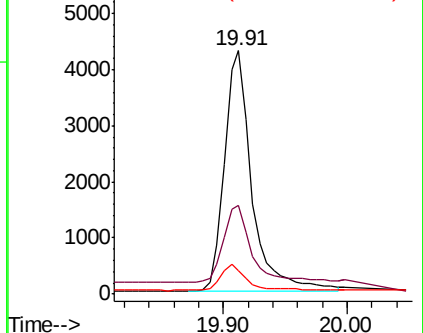
122 9.5 8.3 12.5

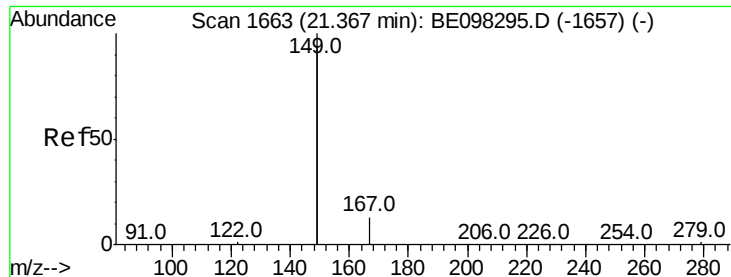


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

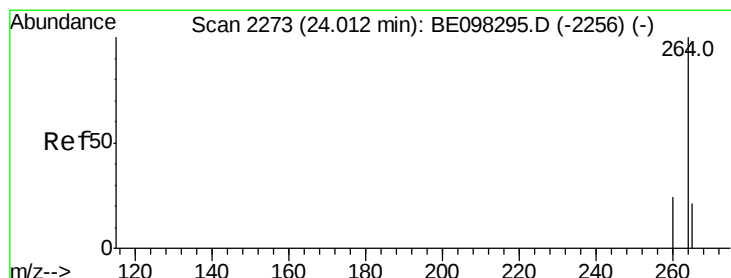
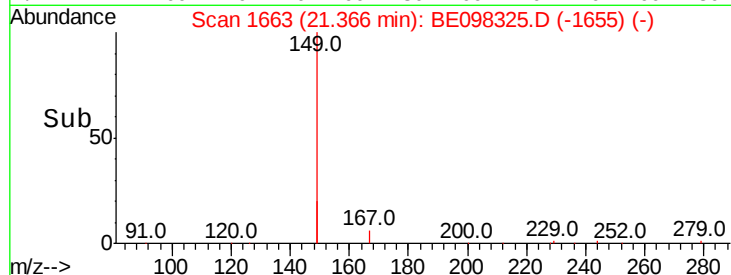
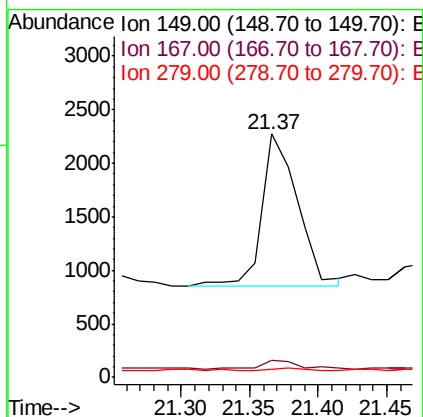
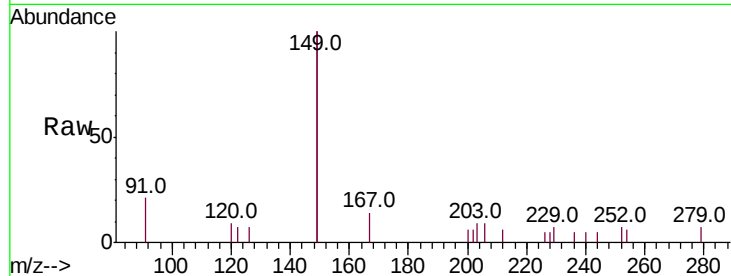




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098325.D
 Acq: 11 Dec 2018 9:27

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

Tot Ion:149 Resp: 2594
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.7 8.5
 279 1.7 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BE098325.D
 Acq: 11 Dec 2018 9:27

Tgt Ion:264 Resp: 10682
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.2 30.2
 265 29.8 25.2 37.8

