

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
 Data File : BE098460.D
 Acq On : 15 Dec 2018 7:24
 Operator : SJ/JU
 Sample : J6358-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW03-20181211

Quant Time: Dec 16 01:03:48 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

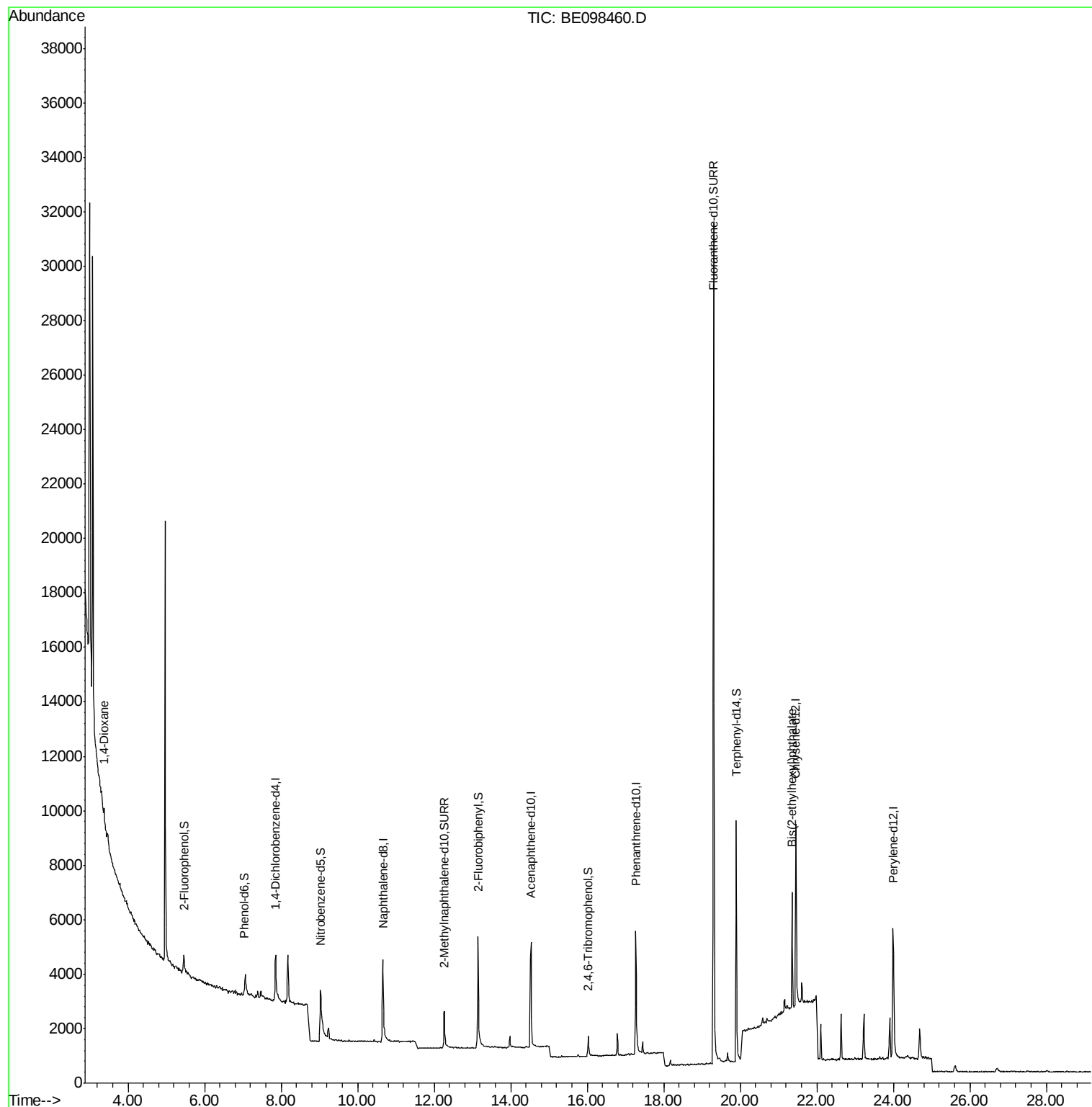
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1050	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4478	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2915	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7599	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	9085	0.40	ng	-0.01
34) Perylene-d12	24.00	264	8599	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	522	0.21	ng	0.01
5) Phenol-d6	7.04	99	445	0.13	ng	0.00
8) Nitrobenzene-d5	9.03	82	1518	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2825	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	646	0.60	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5394	0.44	ng	0.00
25) Fluoranthene-d10	19.30	212	43258	0.44	ng	0.00
29) Terphenyl-d14	19.90	244	8828	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	220	0.121	ng	# 47
32) Bis(2-ethylhexyl)phthalate	21.35	149	5344	0.102	ng	# 97

(#) = 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: BE098460.D

Acq: 15 Dec 2018 7:24

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ClientSampleId :

BP-FW-MW03-20181211

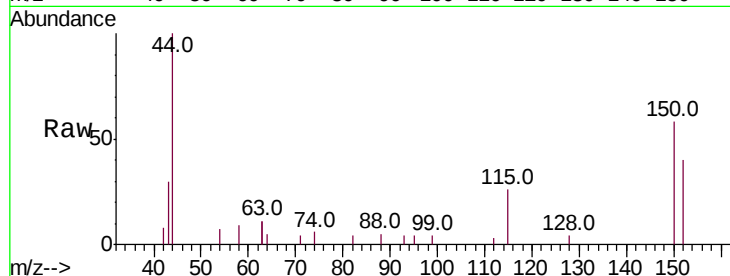
Tot Ion:152 Resp: 1050

Ion Ratio Lower Upper

152 100

150 146.4 124.2 186.4

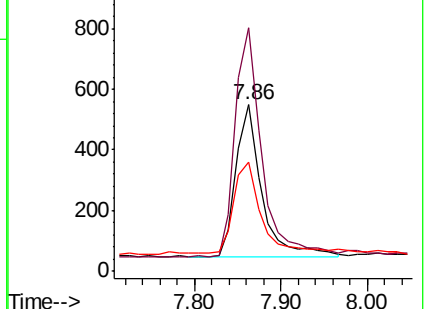
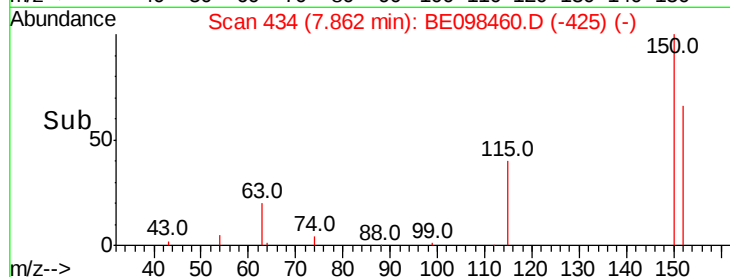
115 65.3 53.9 80.9



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: 0.121 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098460.D

Acq: 15 Dec 2018 7:24

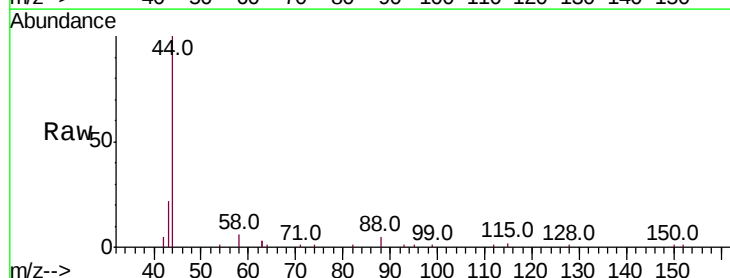
Tgt Ion: 88 Resp: 220

Ion Ratio Lower Upper

88 100

58 135.5 75.0 112.6#

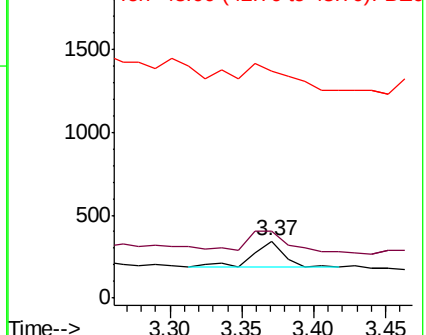
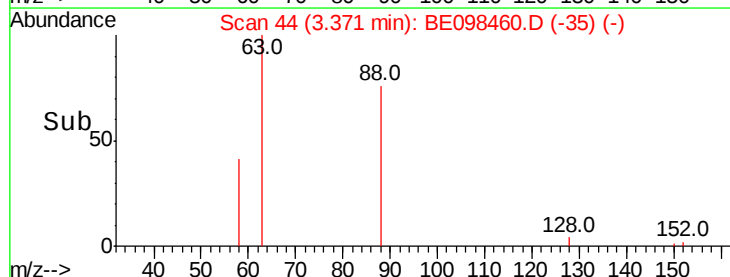
43 0.0 38.3 57.5#



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: 0.212 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098460.D

Acq: 15 Dec 2018 7:24

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW03-20181211

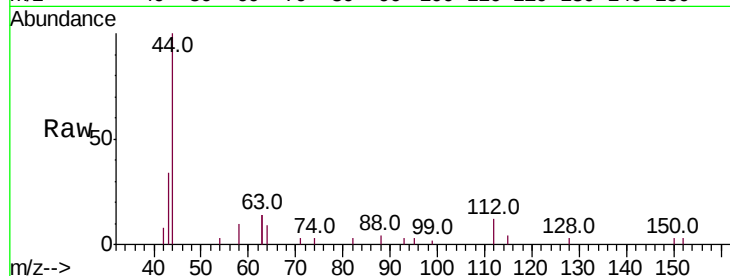
Tot Ion: 112 Resp: 522

Ion Ratio Lower Upper

112 100

64 77.8 59.8 89.8

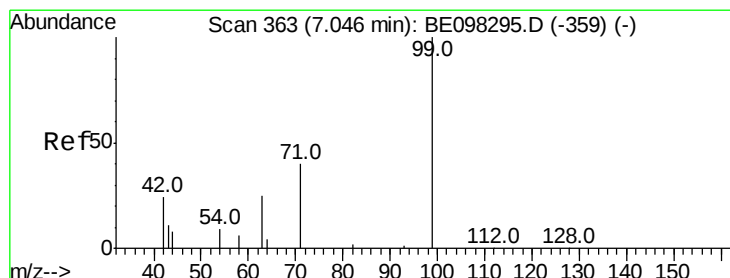
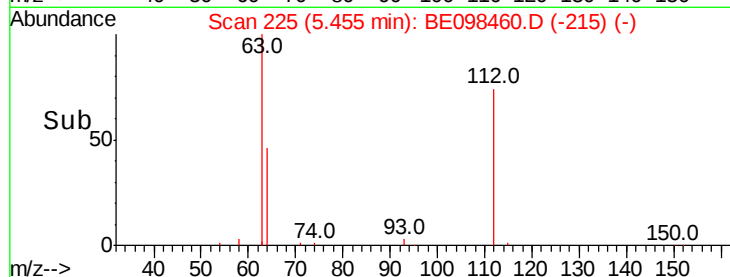
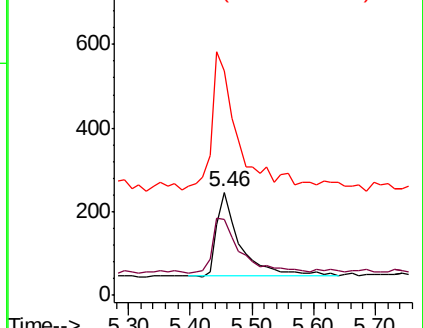
63 183.0 133.7 200.5



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: 0.128 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098460.D

Acq: 15 Dec 2018 7:24

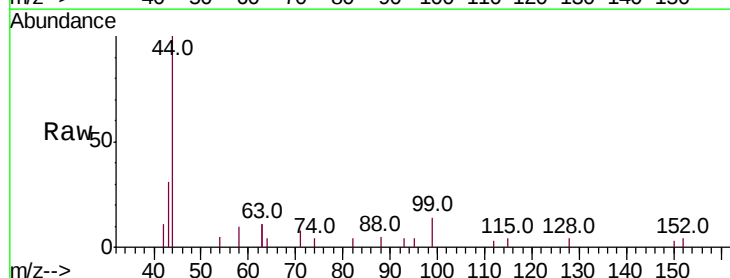
Tgt Ion: 99 Resp: 445

Ion Ratio Lower Upper

99 100

42 42.2 26.3 39.5#

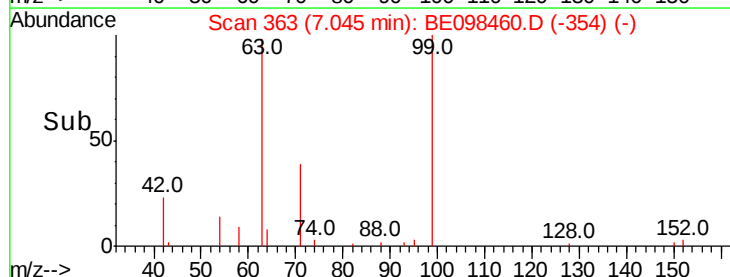
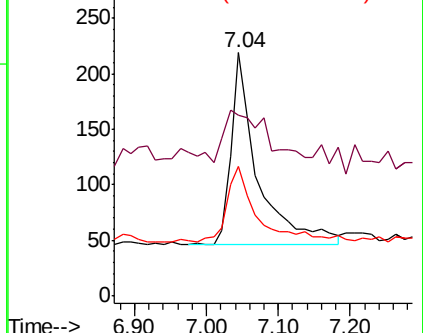
71 43.4 33.6 50.4



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: BE098460.D

Acq: 15 Dec 2018 7:24

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW03-20181211

Tot Ion:136 Resp: 4478

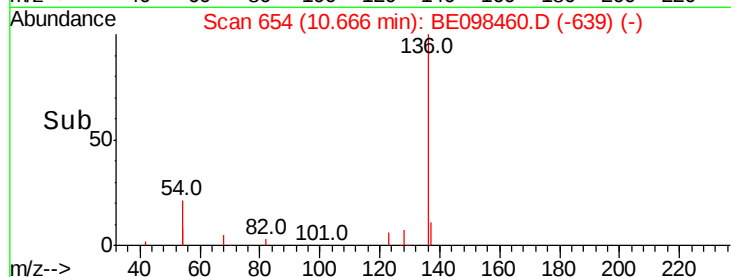
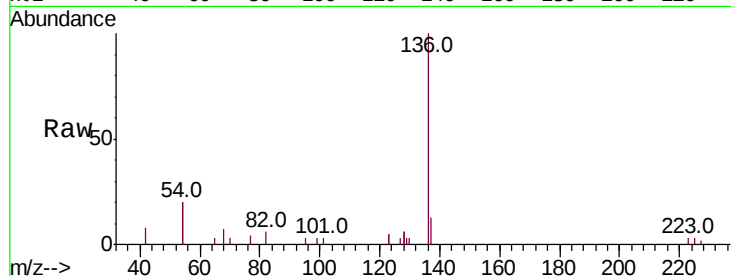
Ion Ratio Lower Upper

136 100

137 13.4 9.2 13.8

54 40.9 28.4 42.6

68 7.4 5.4 8.0

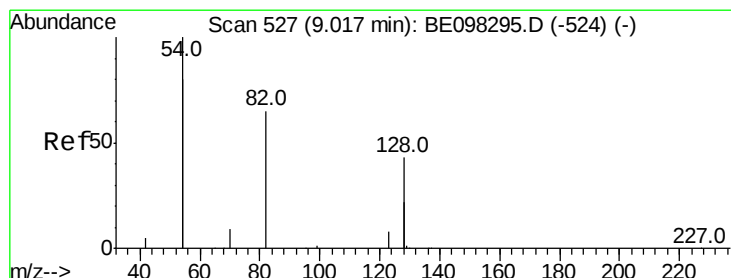
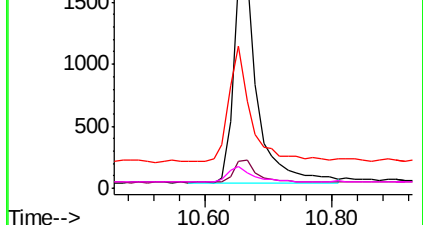


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098460.D

Acq: 15 Dec 2018 7:24

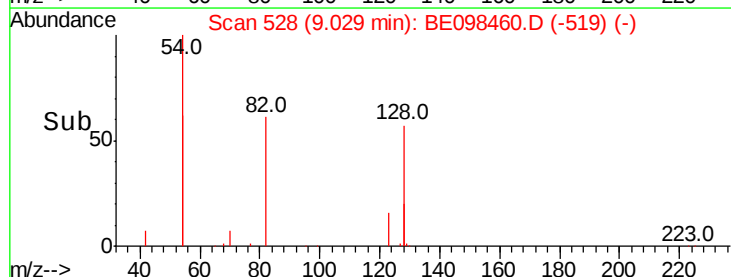
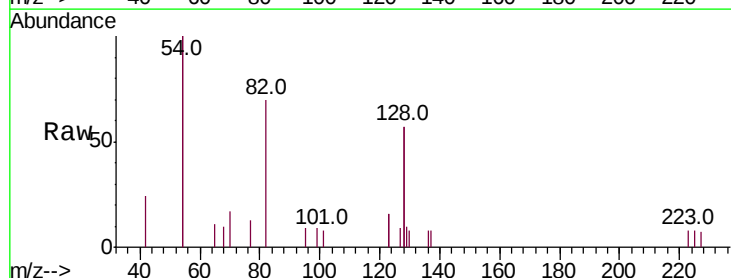
Tgt Ion: 82 Resp: 1518

Ion Ratio Lower Upper

82 100

128 162.4 102.4 153.6#

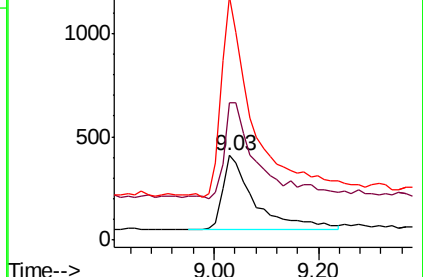
54 287.3 221.8 332.8

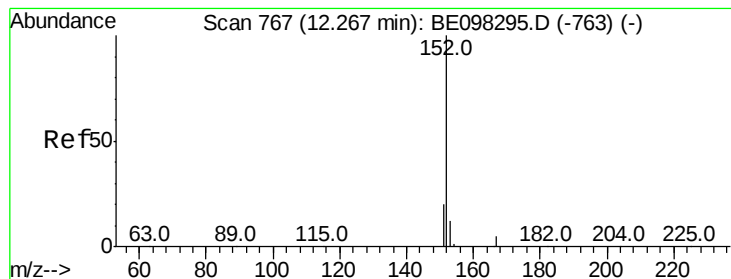


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098460.D

Acq: 15 Dec 2018 7:24

Instrument :

BNA_E

ClientSampleId :

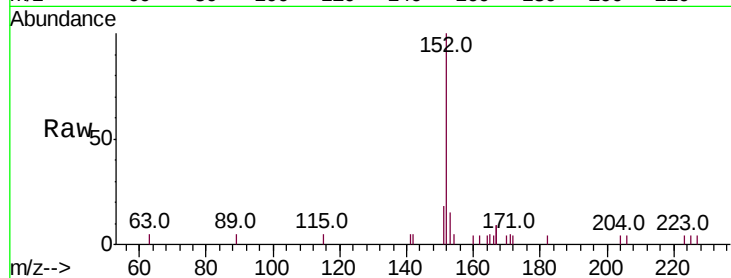
BP-FW-MW03-20181211

Tot Ion:152 Resp: 2825

Ion Ratio Lower Upper

152 100

151 18.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.25

1000

800

600

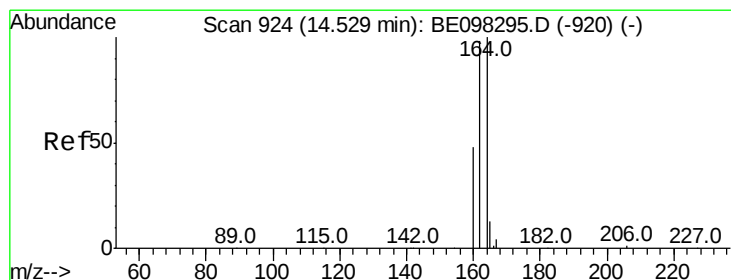
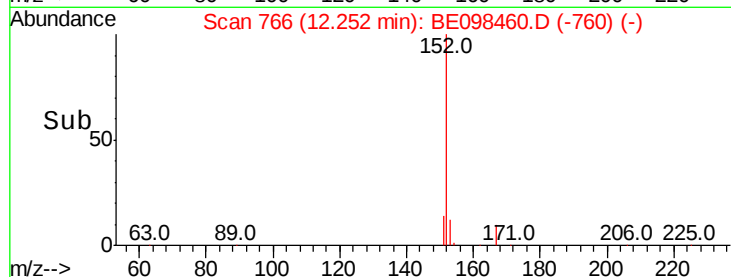
400

200

0

Time-->

12.20 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098460.D

Acq: 15 Dec 2018 7:24

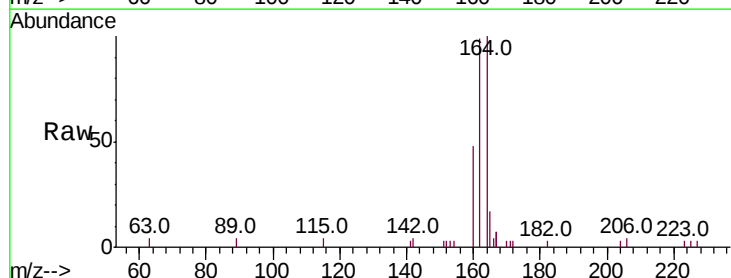
Tgt Ion:164 Resp: 2915

Ion Ratio Lower Upper

164 100

162 98.9 77.6 116.4

160 47.8 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

2000

1500

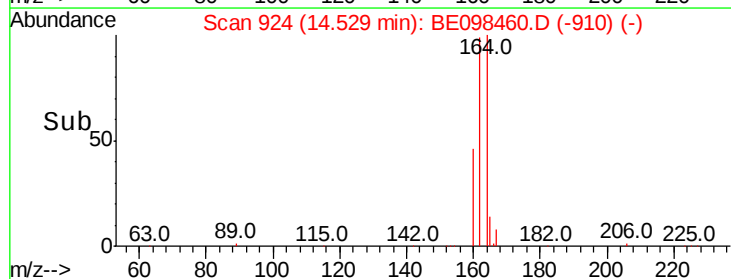
1000

500

0

Time-->

14.40 14.50 14.60 14.70





#14

2,4,6-Tribromophenol

Concen: 0.604 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098460.D

Acq: 15 Dec 2018 7:24

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW03-20181211

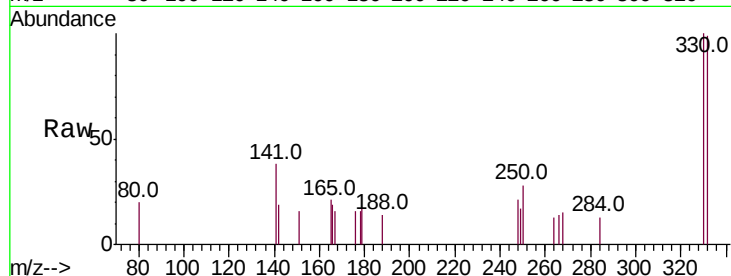
Tot Ion:330 Resp: 646

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

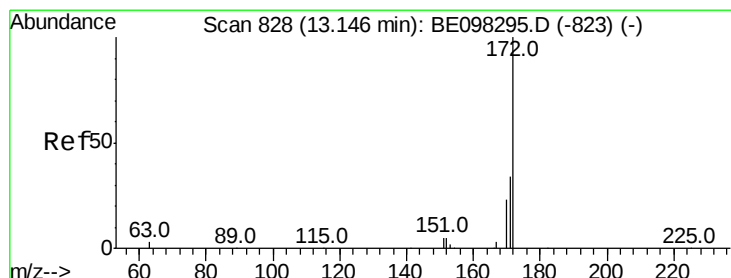
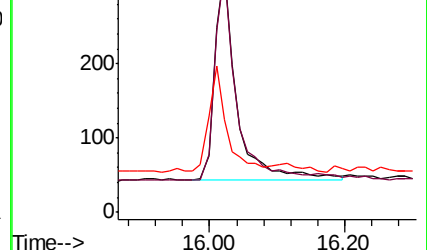
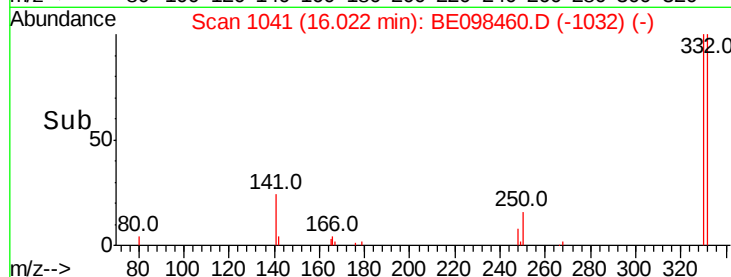
141 40.4 39.0 58.4



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: 0.439 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098460.D

Acq: 15 Dec 2018 7:24

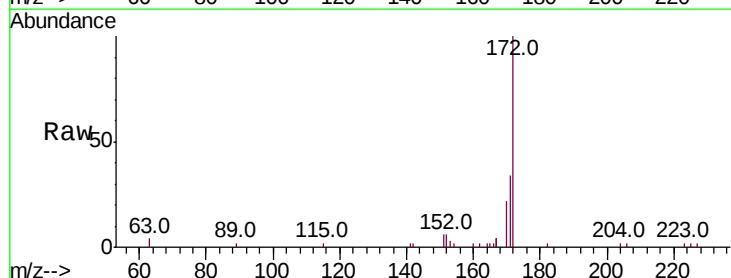
Tgt Ion:172 Resp: 5394

Ion Ratio Lower Upper

172 100

171 33.6 27.5 41.3

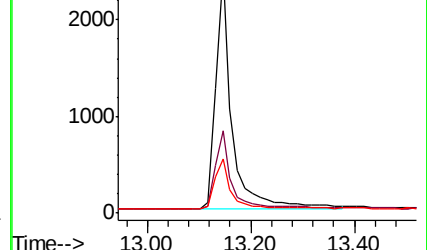
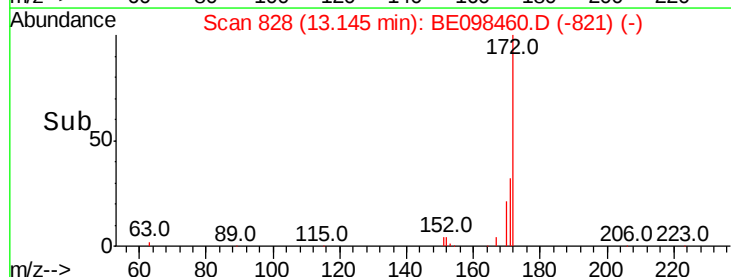
170 22.3 19.6 29.4

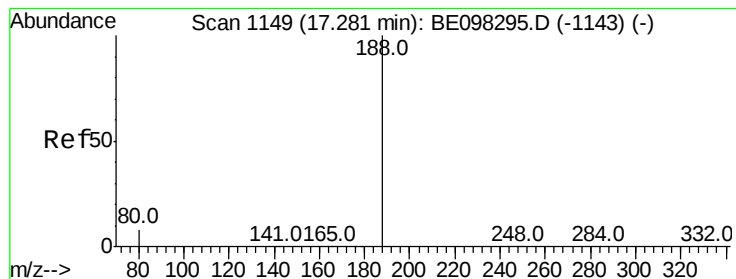


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098460.D

Acq: 15 Dec 2018 7:24

Instrument :

BNA_E

ClientSampleId :

BP-FW-MW03-20181211

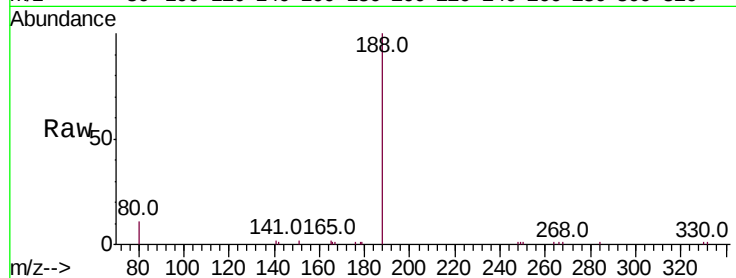
Tot Ion:188 Resp: 7599

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

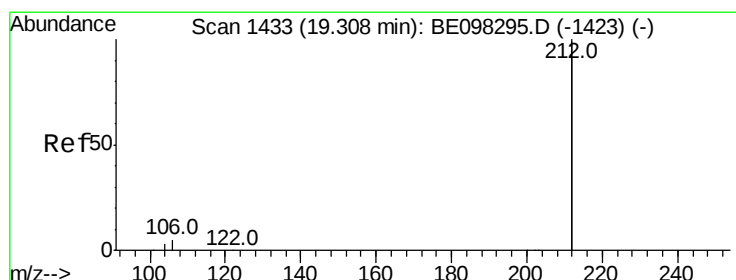
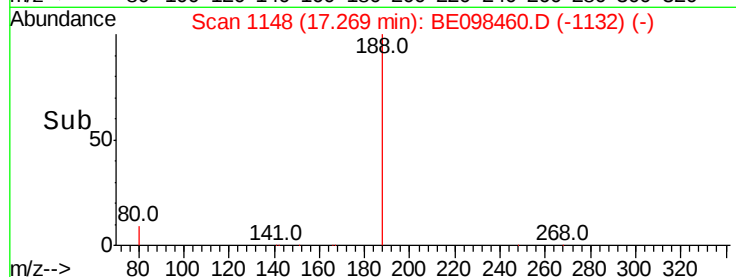
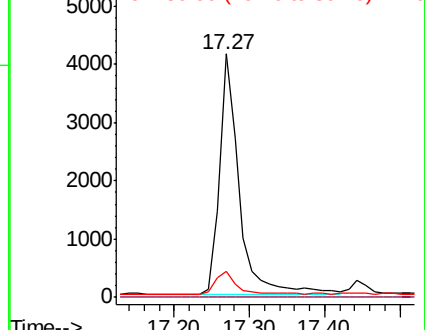
80 10.7 7.2 10.8



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: 0.444 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098460.D

Acq: 15 Dec 2018 7:24

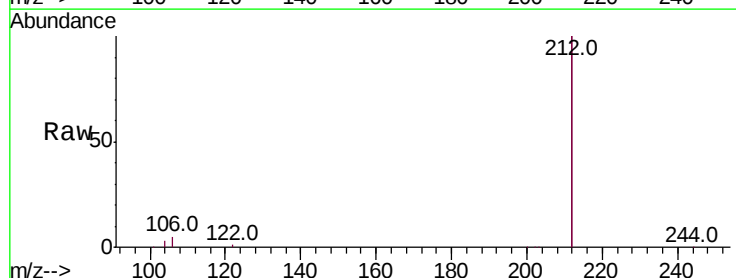
Tgt Ion:212 Resp: 43258

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

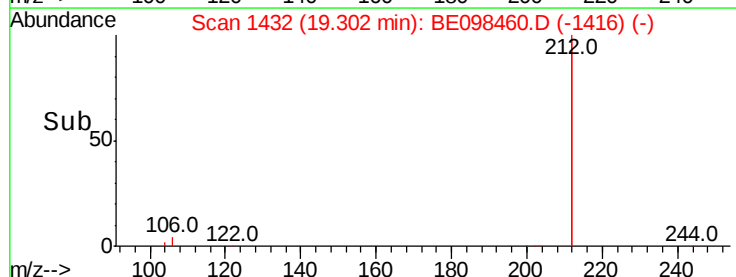
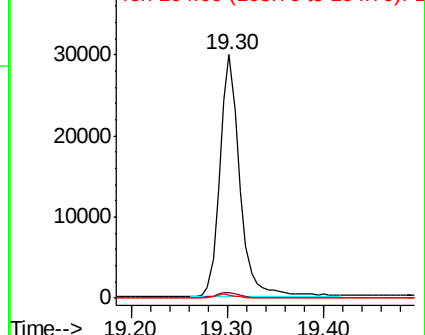
104 1.5 1.3 1.9



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

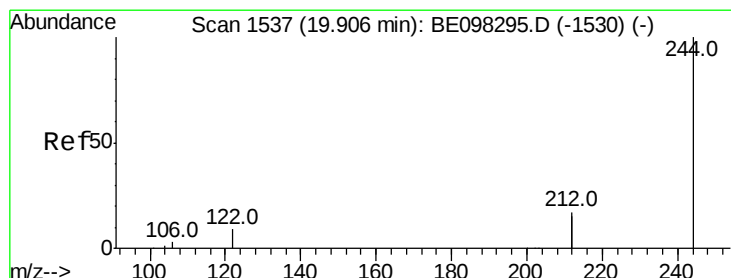
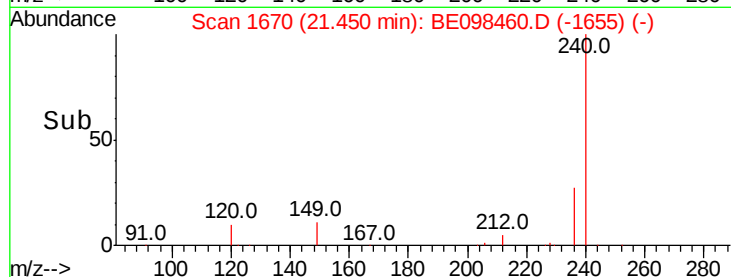
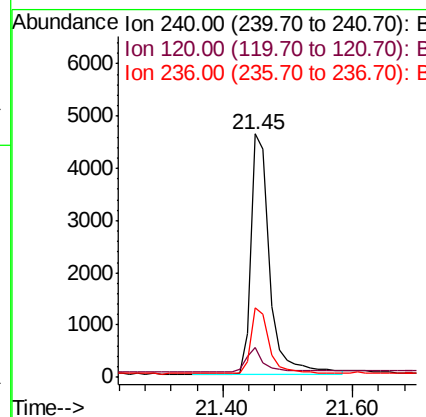
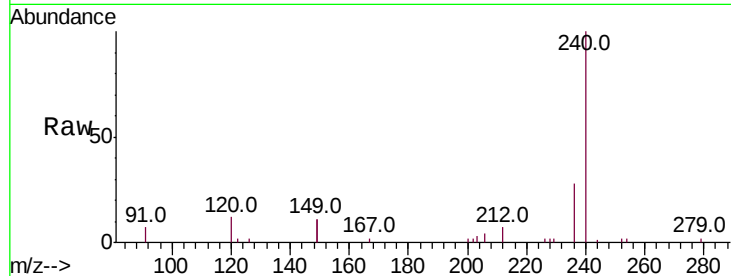




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098460.D
 Acq: 15 Dec 2018 7:24

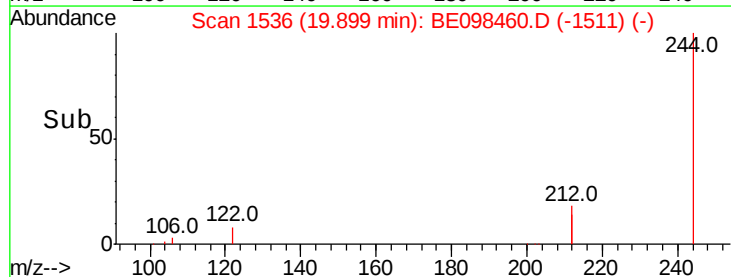
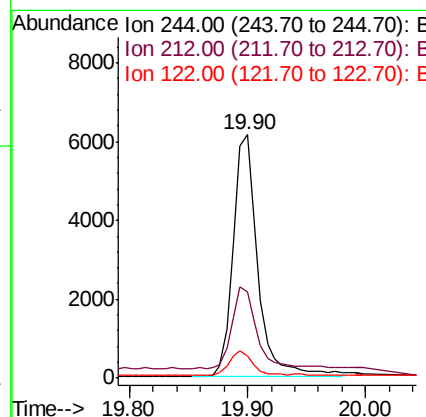
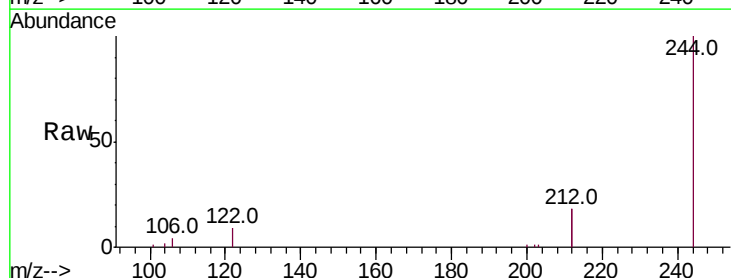
Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW03-20181211

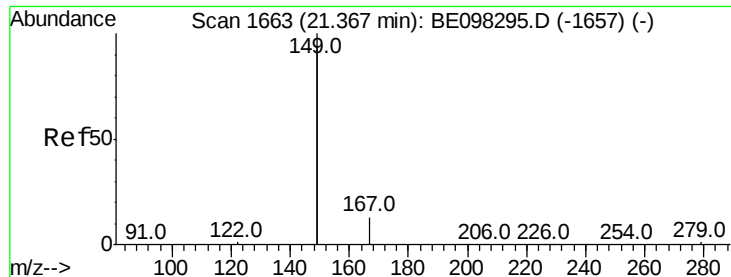
Tot Ion:240 Resp: 9085
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.5 14.3
 236 28.3 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.400 ng
 RT: 19.90 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BE098460.D
 Acq: 15 Dec 2018 7:24

Tgt Ion:244 Resp: 8828
 Ion Ratio Lower Upper
 244 100
 212 35.6 27.4 41.0
 122 9.1 8.3 12.5

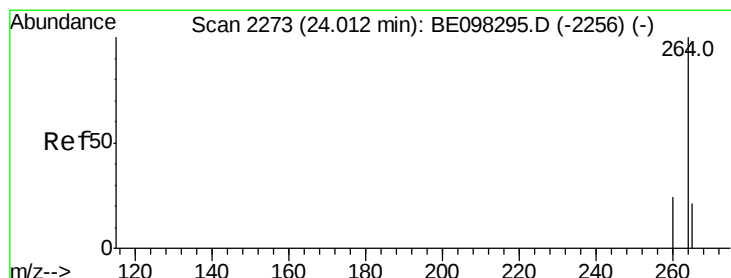
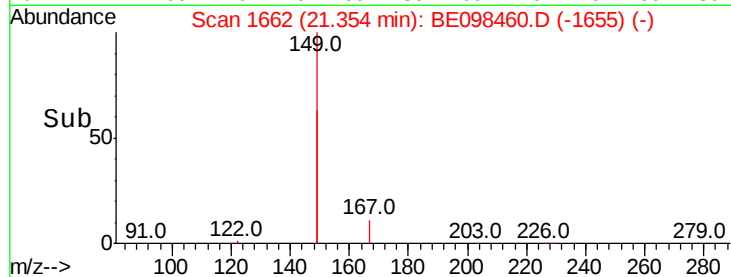
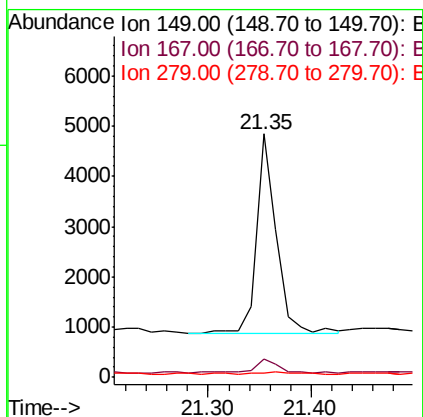
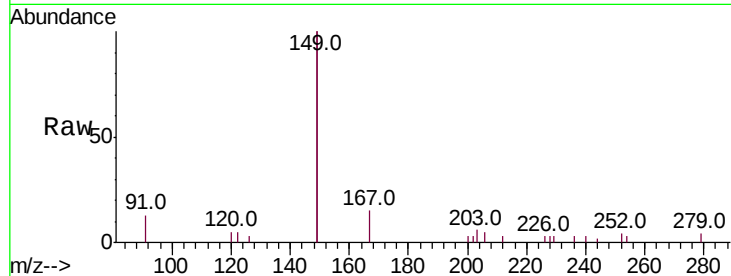




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098460.D
 Acq: 15 Dec 2018 7:24

Instrument :
 BNA_E
 ClientSampleId :
 BP-FW-MW03-20181211

Tot Ion:149 Resp: 5344
 Ion Ratio Lower Upper
 149 100
 167 8.1 5.7 8.5
 279 1.7 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BE098460.D
 Acq: 15 Dec 2018 7:24

Tgt Ion:264 Resp: 8599
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.2 30.2
 265 32.1 25.2 37.8

