

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
 Data File : BE098370.D
 Acq On : 12 Dec 2018 20:40
 Operator : SJ/JU
 Sample : J6324-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D3-20181205

Quant Time: Dec 13 06:51:22 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

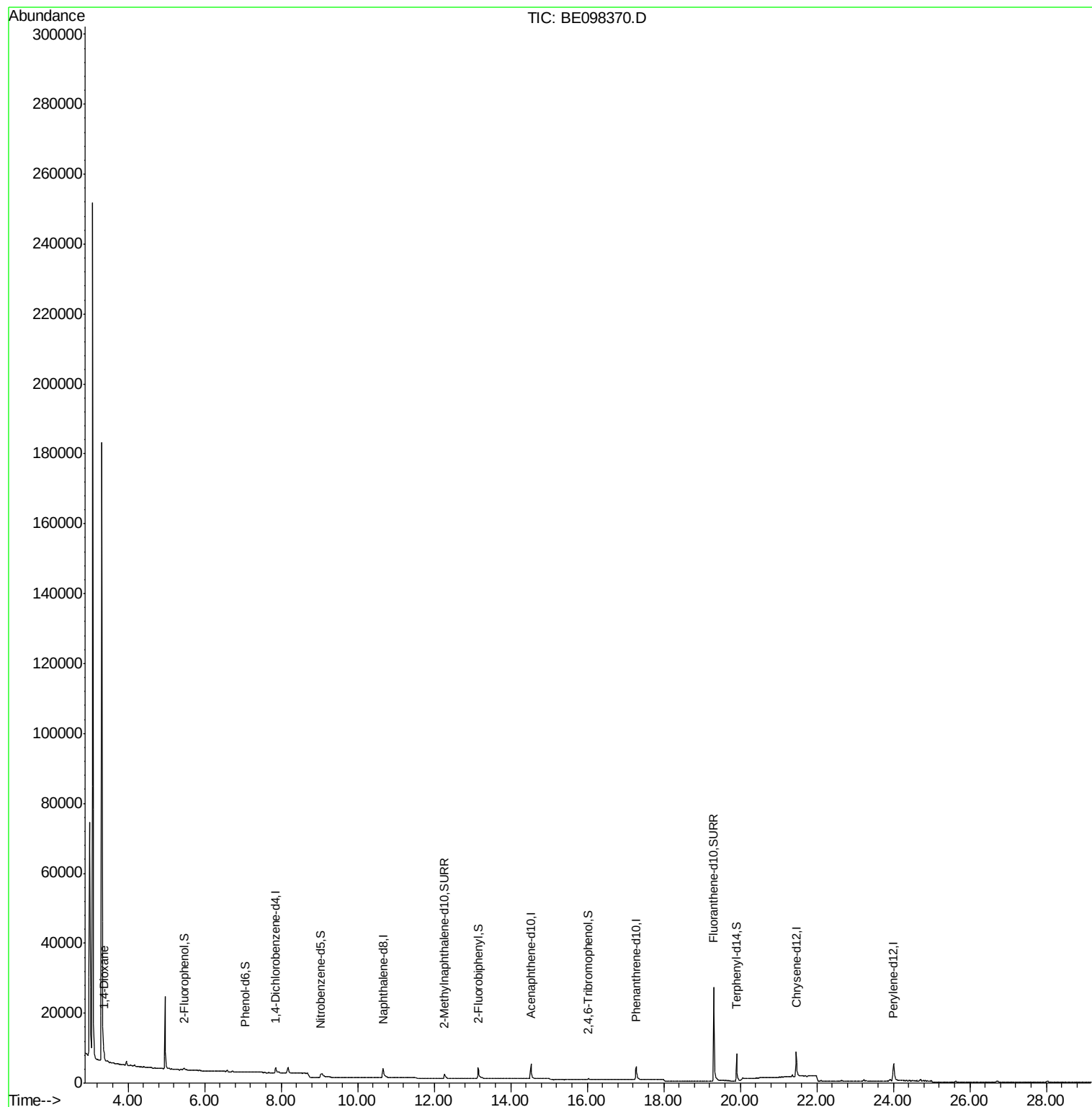
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1104	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4808	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3226	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8418	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9755	0.40	ng	0.00
34) Perylene-d12	24.00	264	9645	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	484	0.19	ng	0.00
5) Phenol-d6	7.07	99	393	0.11	ng	0.02
8) Nitrobenzene-d5	9.04	82	1479	0.34	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	3199	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	421	0.36	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	5282	0.39	ng	0.00
25) Fluoranthene-d10	19.31	212	45876	0.42	ng	0.00
29) Terphenyl-d14	19.90	244	8607	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	537	0.281	ng	Qvalue # 27

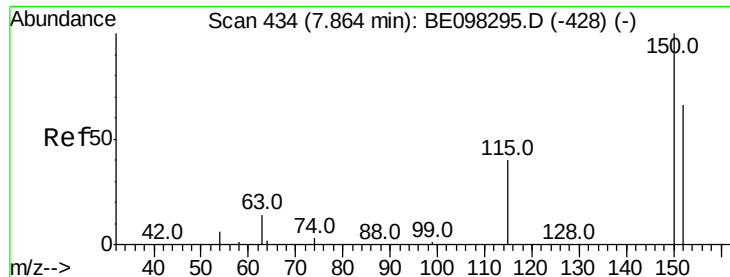
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098370.D

Acq: 12 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

RE-103D3-20181205

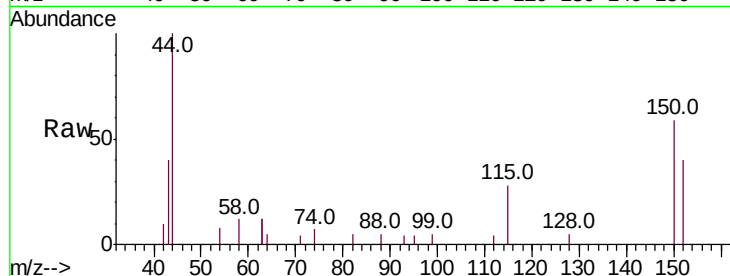
Tot Ion:152 Resp: 1104

Ion Ratio Lower Upper

152 100

150 146.5 124.2 186.4

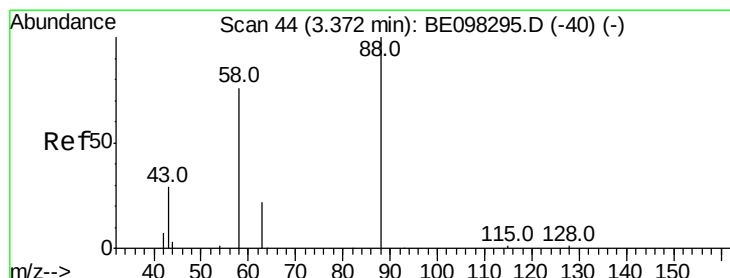
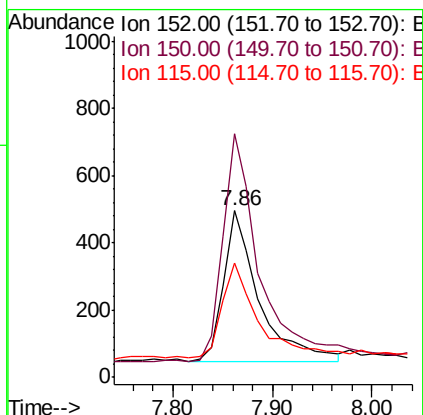
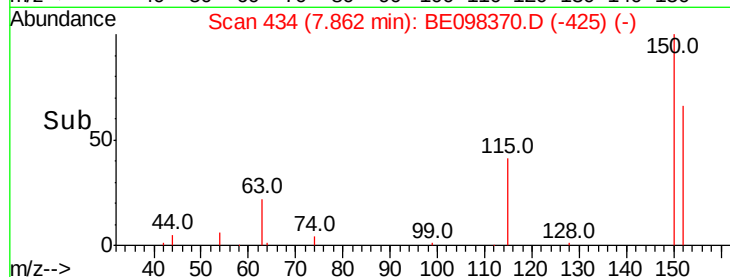
115 69.1 53.9 80.9



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: 0.281 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098370.D

Acq: 12 Dec 2018 20:40

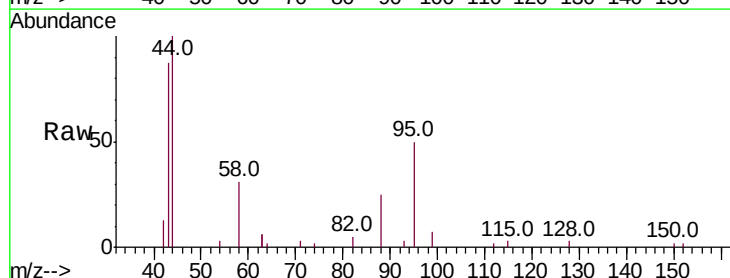
Tgt Ion: 88 Resp: 537

Ion Ratio Lower Upper

88 100

58 115.8 75.0 112.6#

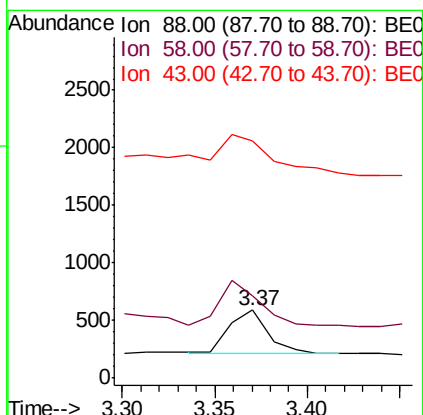
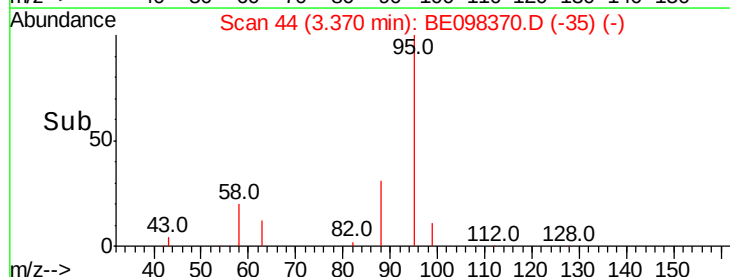
43 162.4 38.3 57.5#

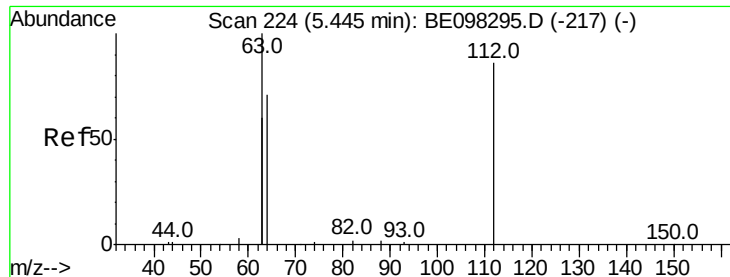


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.187 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098370.D

Acq: 12 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

RE-103D3-20181205

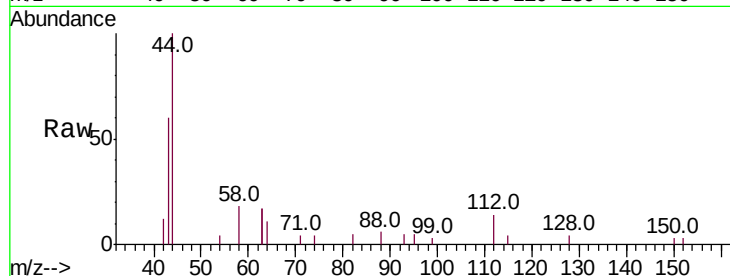
Tot Ion:112 Resp: 484

Ion Ratio Lower Upper

112 100

64 76.9 59.8 89.8

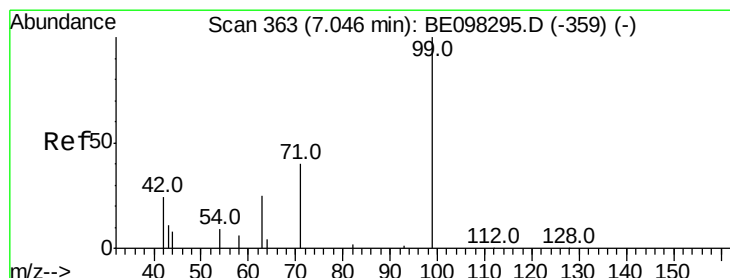
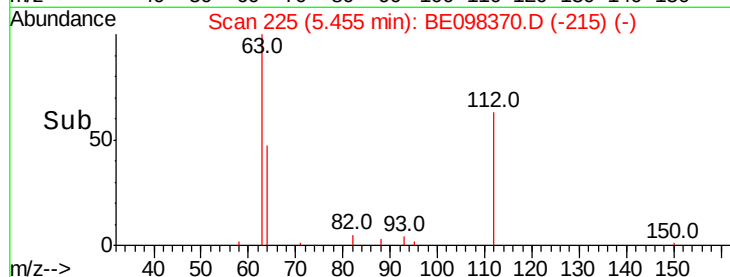
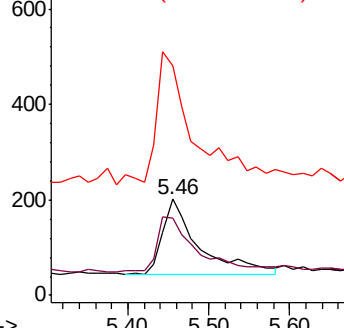
63 167.8 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.107 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098370.D

Acq: 12 Dec 2018 20:40

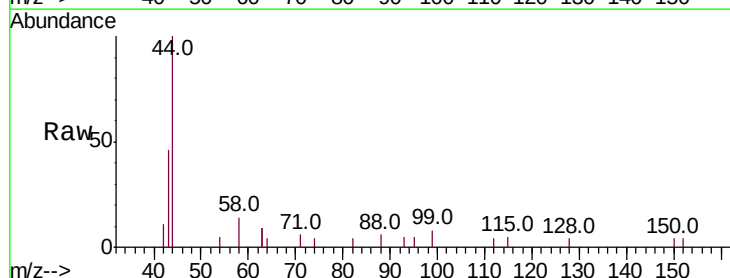
Tgt Ion: 99 Resp: 393

Ion Ratio Lower Upper

99 100

42 44.0 26.3 39.5#

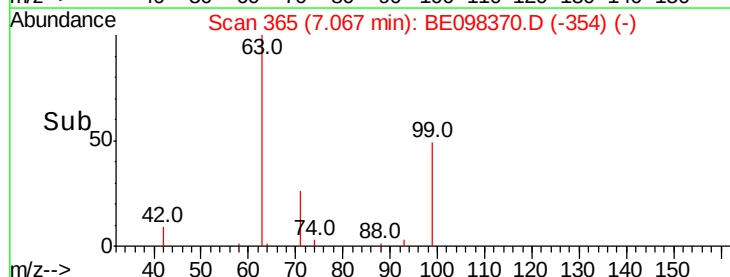
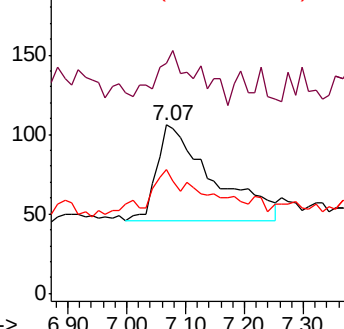
71 14.5 33.6 50.4#

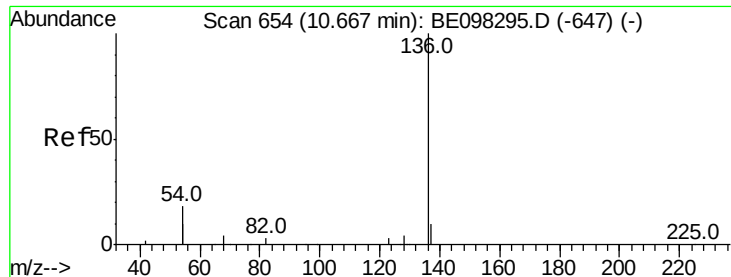


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098370.D

Acq: 12 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

RE-103D3-20181205

Tot Ion:136 Resp: 4808

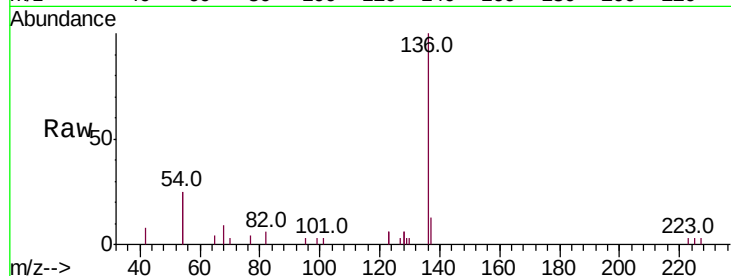
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 49.1 28.4 42.6#

68 9.2 5.4 8.0#



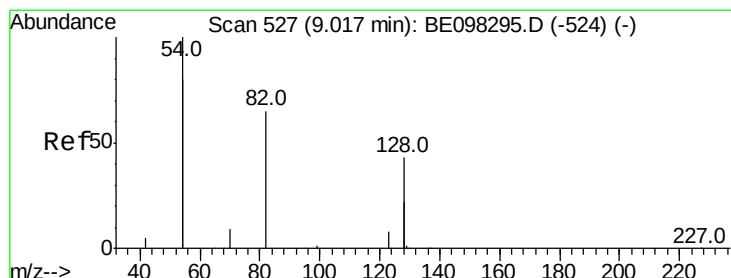
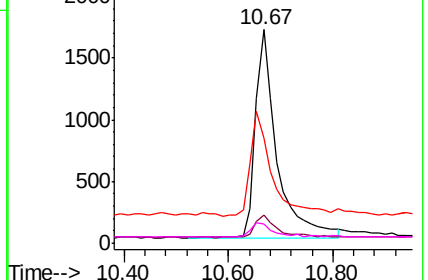
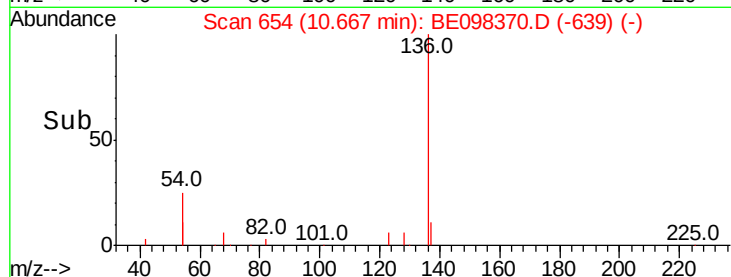
Abundance

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: 0.338 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098370.D

Acq: 12 Dec 2018 20:40

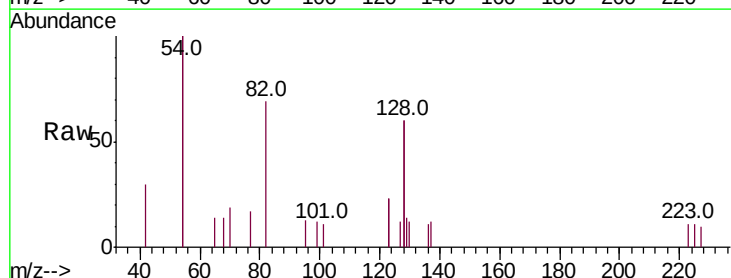
Tgt Ion: 82 Resp: 1479

Ion Ratio Lower Upper

82 100

128 174.5 102.4 153.6#

54 290.3 221.8 332.8

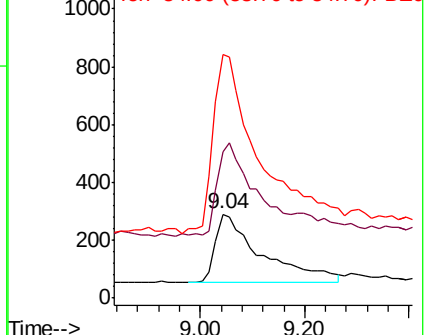
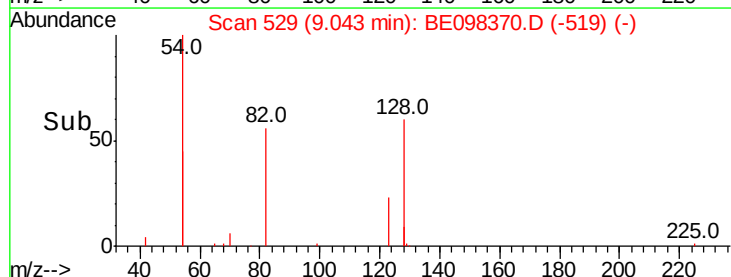


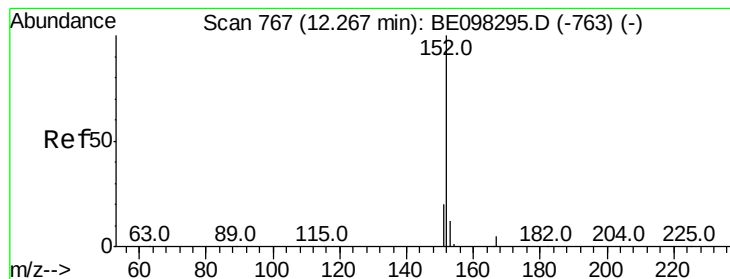
Abundance

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: 0.409 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098370.D

Acq: 12 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

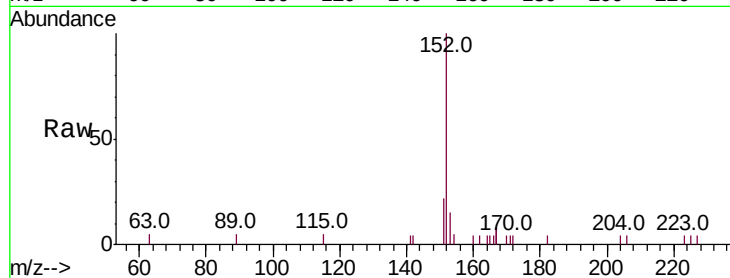
RE-103D3-20181205

Tot Ion:152 Resp: 3199

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

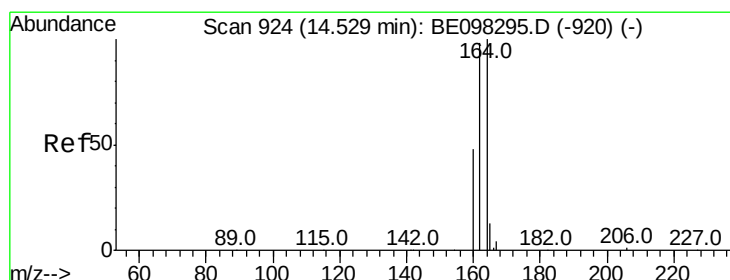
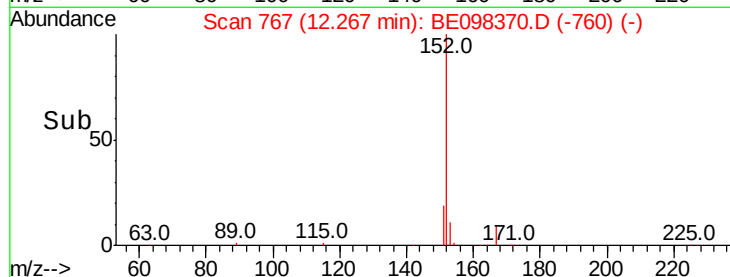
1000

500

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: BE098370.D

Acq: 12 Dec 2018 20:40

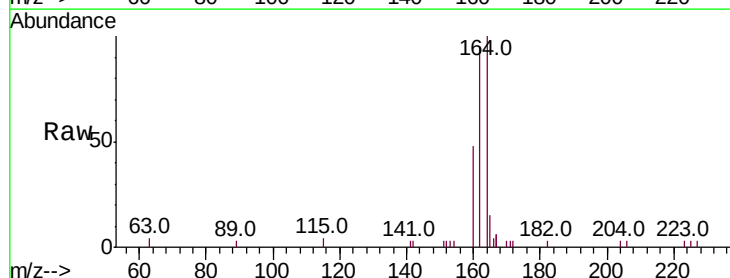
Tgt Ion:164 Resp: 3226

Ion Ratio Lower Upper

164 100

162 95.3 77.6 116.4

160 47.7 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

14.53

2000

1500

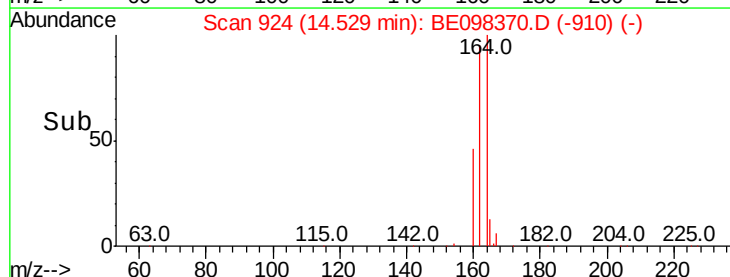
1000

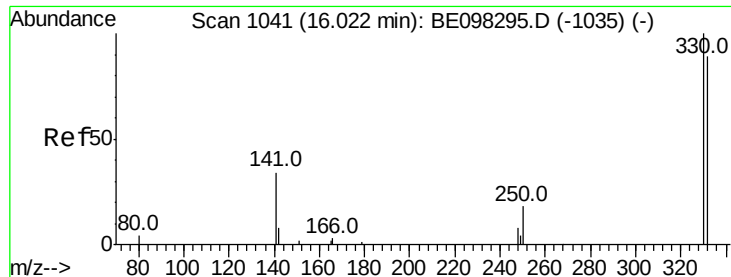
500

0

Time-->

14.40 14.50 14.60 14.70

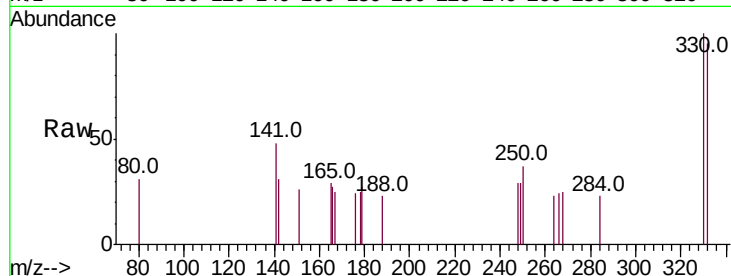




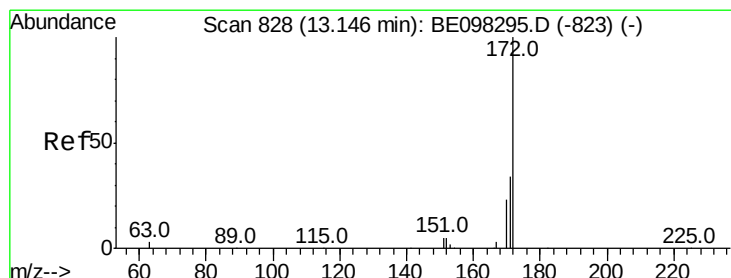
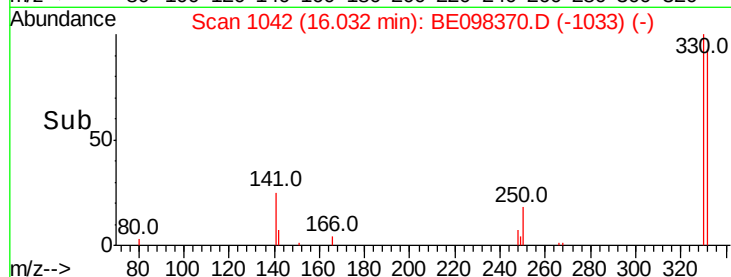
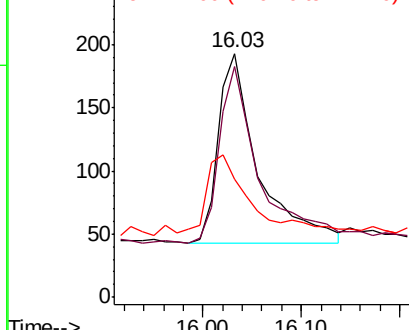
#14
 2,4,6-Tribromophenol
 Concen: 0.355 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098370.D
 Acq: 12 Dec 2018 20:40

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D3-20181205

Tot Ion:330 Resp: 421
 Ion Ratio Lower Upper
 330 100
 332 102.4 76.2 114.4
 141 51.5 39.0 58.4

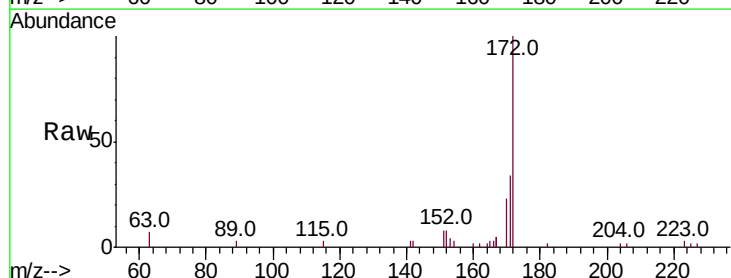


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

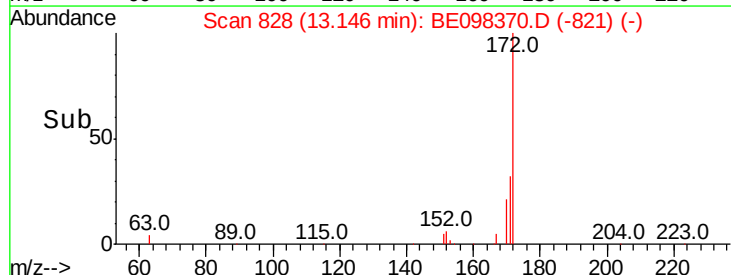
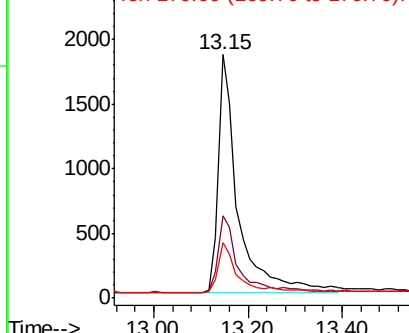


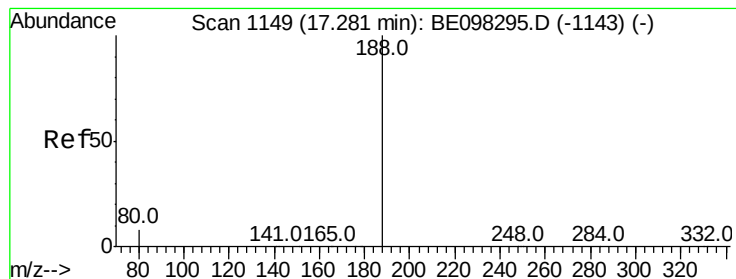
#15
 2-Fluorobiphenyl
 Concen: 0.388 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098370.D
 Acq: 12 Dec 2018 20:40

Tgt Ion:172 Resp: 5282
 Ion Ratio Lower Upper
 172 100
 171 33.7 27.5 41.3
 170 23.0 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: BE098370.D

Acq: 12 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

RE-103D3-20181205

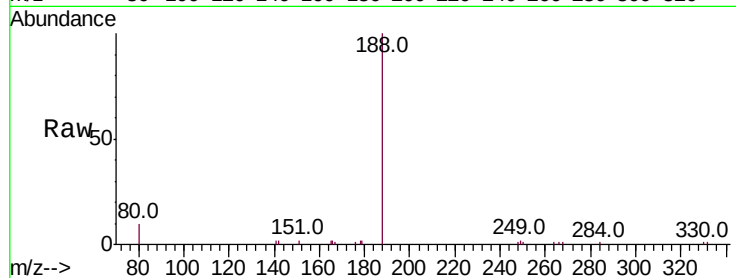
Tot Ion:188 Resp: 8418

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

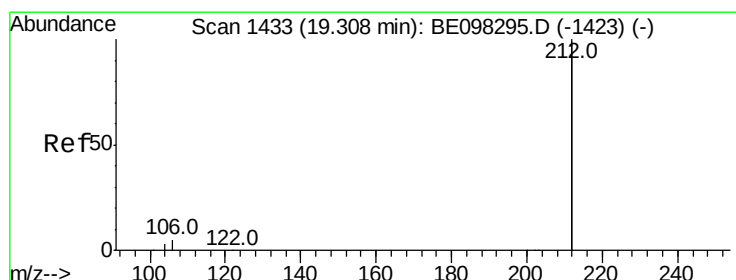
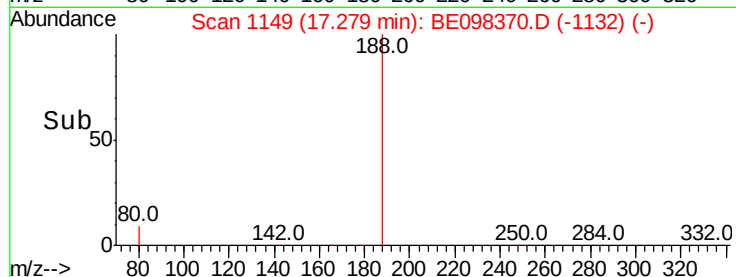
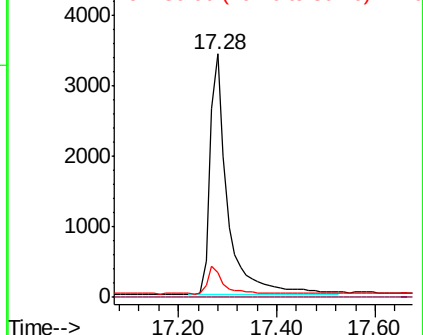
80 10.1 7.2 10.8



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: 0.425 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098370.D

Acq: 12 Dec 2018 20:40

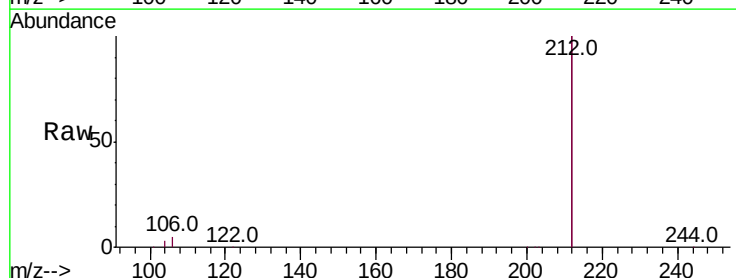
Tgt Ion:212 Resp: 45876

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

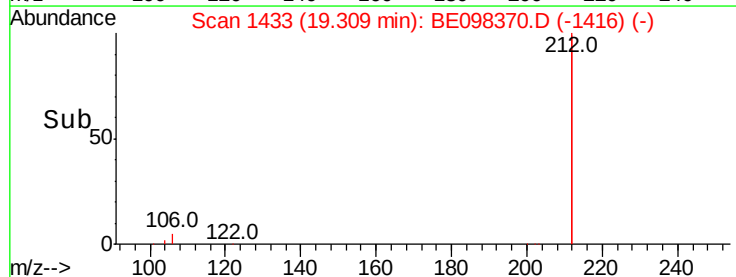
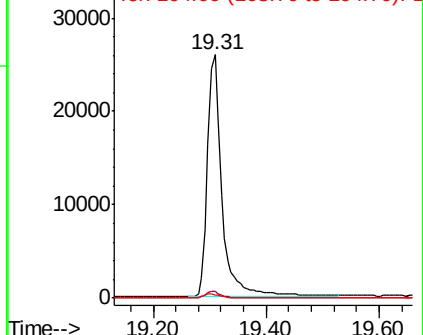
104 1.5 1.3 1.9

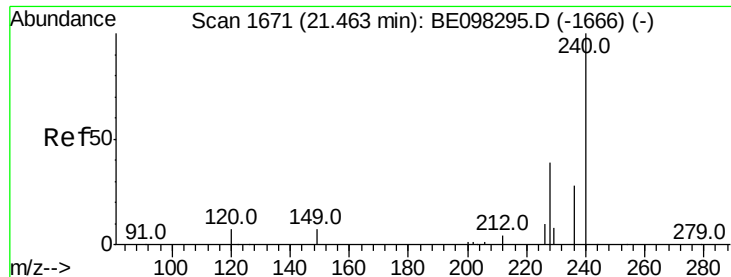


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098370.D

Acq: 12 Dec 2018 20:40

Instrument :

BNA_E

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RE-103D3-20181205

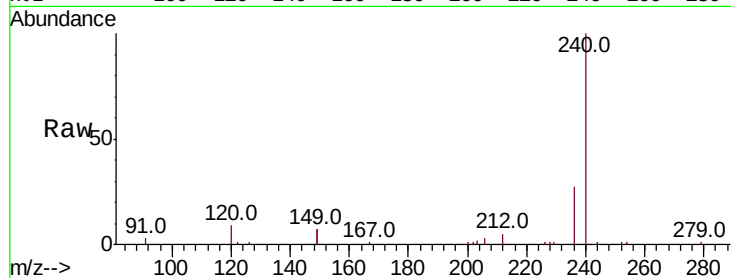
Tot Ion:240 Resp: 9755

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

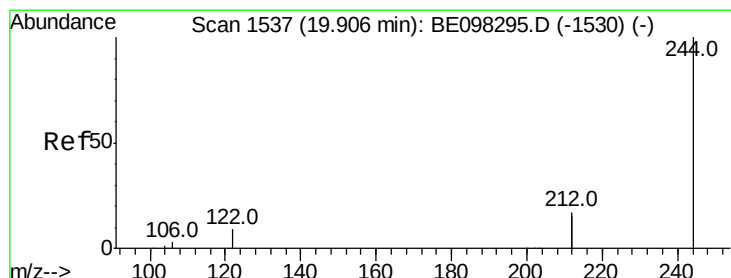
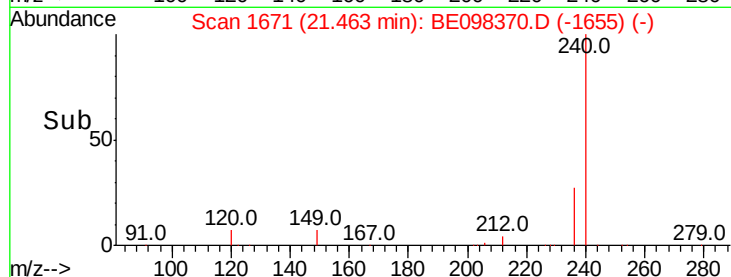
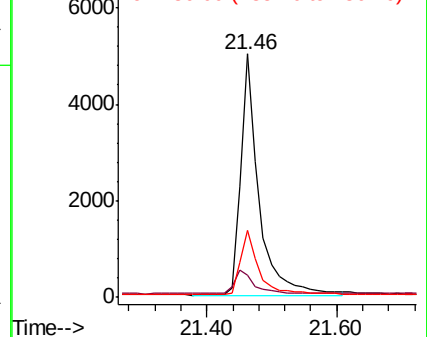
236 27.3 22.7 34.1



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: 0.363 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098370.D

Acq: 12 Dec 2018 20:40

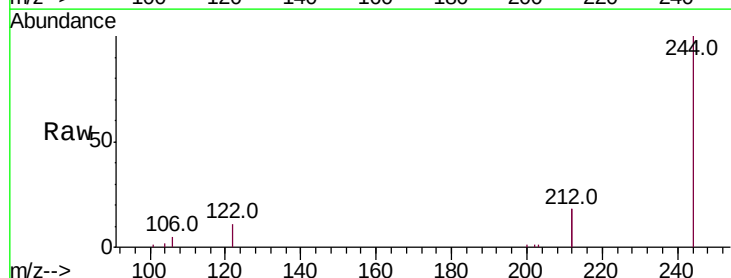
Tgt Ion:244 Resp: 8607

Ion Ratio Lower Upper

244 100

212 36.7 27.4 41.0

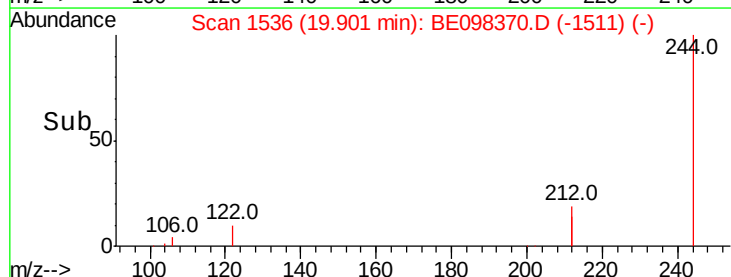
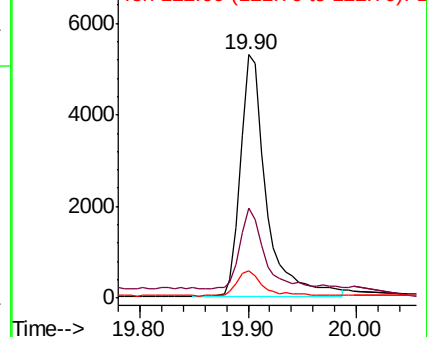
122 11.2 8.3 12.5

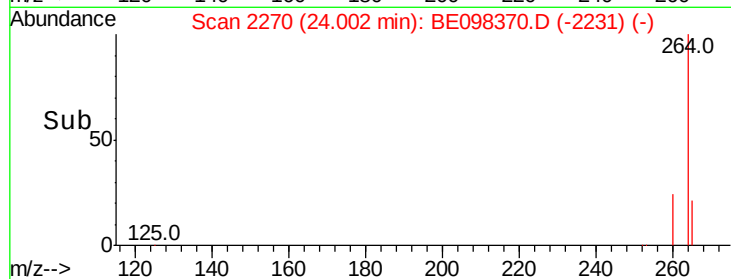
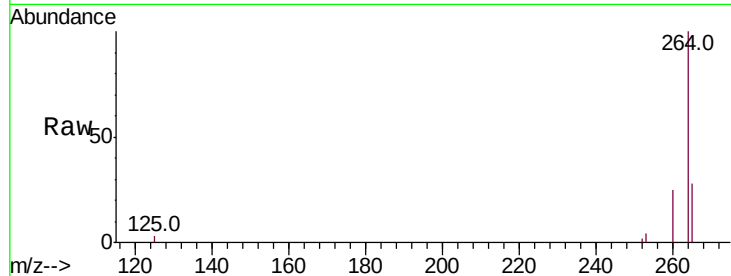
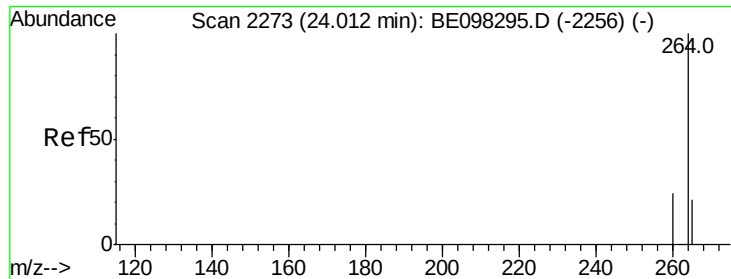


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BE098370.D

Acq: 12 Dec 2018 20:40

Instrument :

BNA_E

ClientSampleId :

RE-103D3-20181205

Tot Ion:264 Resp: 9645

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 28.2 25.2 37.8

