

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110518\
 Data File : BE098157.D
 Acq On : 5 Nov 2018 12:16
 Operator : SJ/JU
 Sample : J5769-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Quant Time: Nov 05 13:32:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

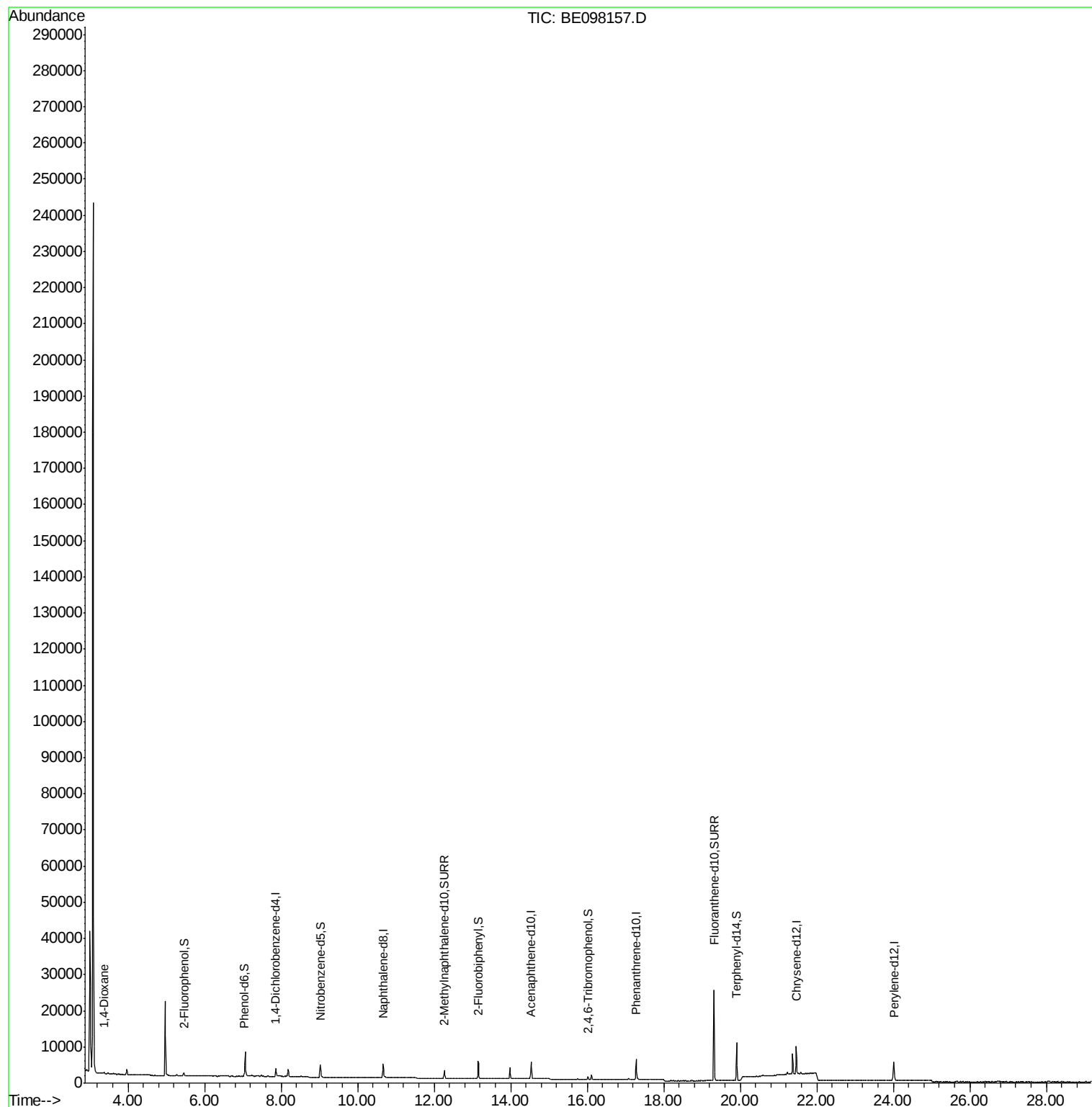
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	929	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4351	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2932	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7128	0.40	ng	0.00
27) Chrysene-d12	21.46	240	7916	0.40	ng	0.00
34) Perylene-d12	24.01	264	7798	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	460	0.17	ng	0.00
5) Phenol-d6	7.04	99	437	0.10	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1627	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	2916	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	463	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5470	0.45	ng	-0.01
25) Fluoranthene-d10	19.31	212	34059	0.37	ng	0.00
29) Terphenyl-d14	19.91	244	8953	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	169	0.122	ng	Qvalue # 53

(#) = 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. -0.01 min

Lab File: BE098157.D

Acq: 5 Nov 2018 12:16

Instrument :

BNA_E

ClientSampleId :

MW-1

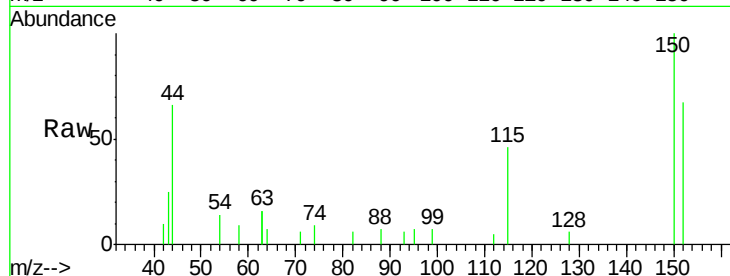
Tgt Ion:152 Resp: 929

Ion Ratio Lower Upper

152 100

150 150.3 118.2 177.4

115 68.8 50.9 76.3

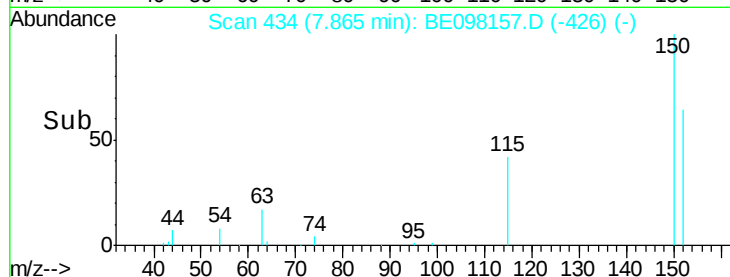


Abundance Ion 152.00 (151.70 to 152.70): E

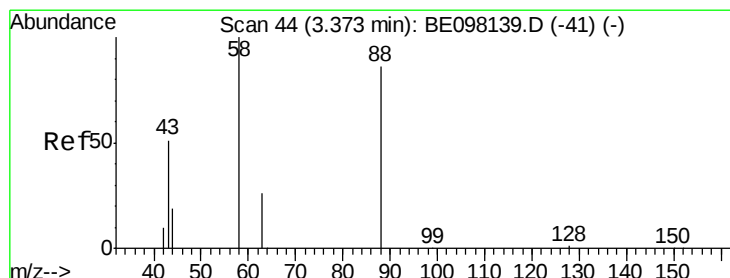
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



Time-->



#2

1,4-Dioxane

Concen: 0.122 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098157.D

Acq: 5 Nov 2018 12:16

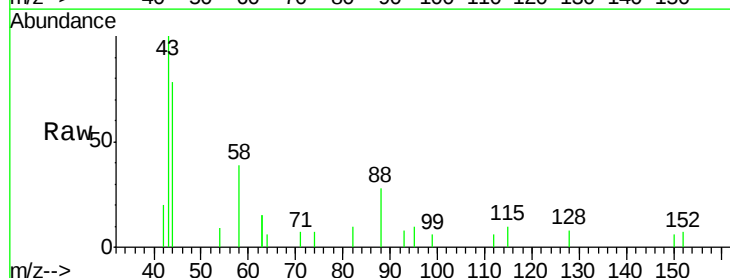
Tgt Ion: 88 Resp: 169

Ion Ratio Lower Upper

88 100

58 101.2 73.2 109.8

43 124.9 36.9 55.3#

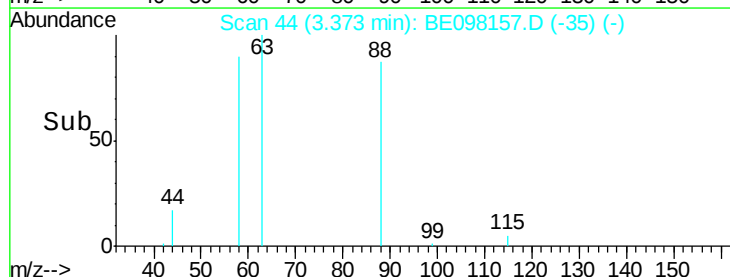


Abundance Ion 88.00 (87.70 to 88.70): BE0

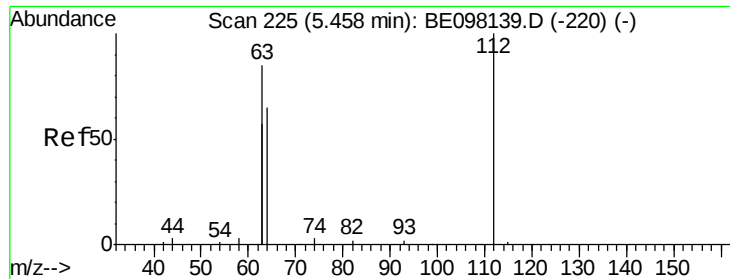
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

Time-->



Time-->



#4

2-Fluorophenol

Concen: 0.167 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098157.D

Acq: 5 Nov 2018 12:16

Instrument :

BNA_E

ClientSampleId :

MW-1

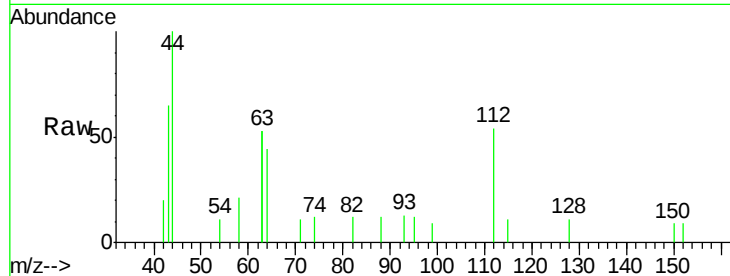
Tgt Ion: 112 Resp: 460

Ion Ratio Lower Upper

112 100

64 79.1 58.9 88.3

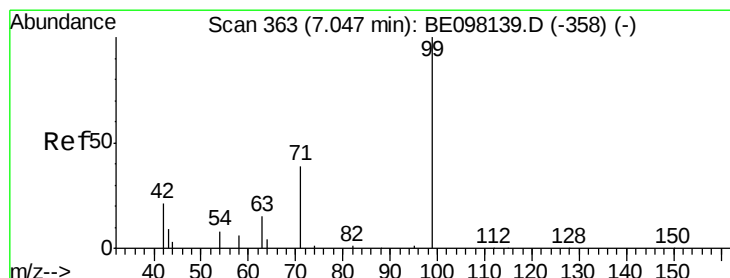
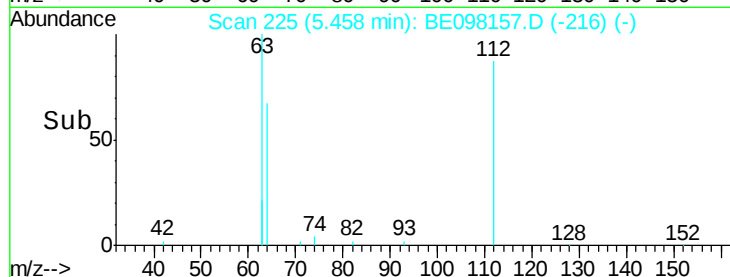
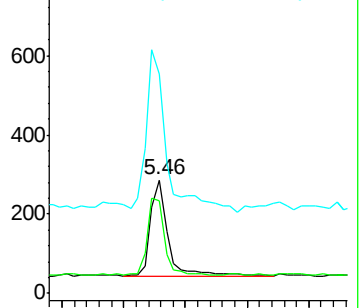
63 201.3 120.3 180.5#



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: 0.096 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098157.D

Acq: 5 Nov 2018 12:16

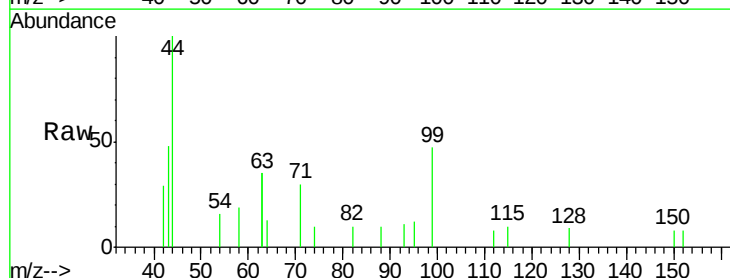
Tgt Ion: 99 Resp: 437

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

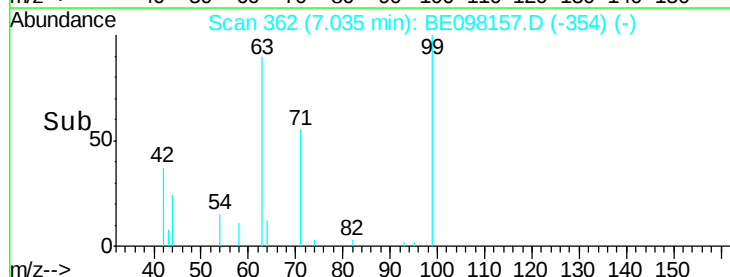
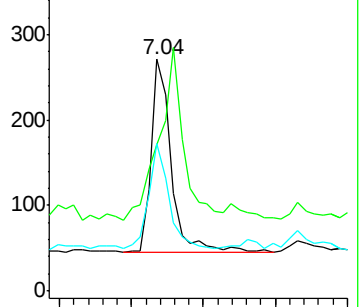
71 54.9 27.8 41.8#

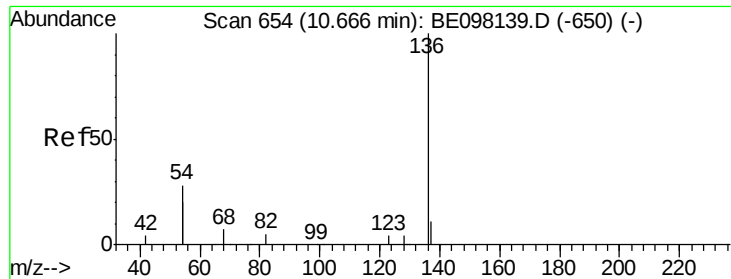


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098157.D

Acq: 5 Nov 2018 12:16

Instrument :

BNA_E

ClientSampleId :

MW-1

Tgt Ion: 136 Resp: 4351

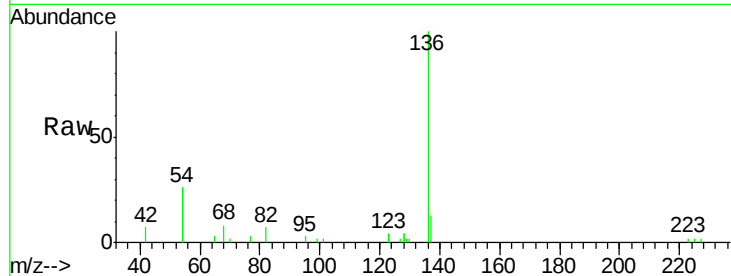
Ion Ratio Lower Upper

136 100

137 12.7 9.6 14.4

54 52.1 27.7 41.5#

68 8.5 5.3 7.9#

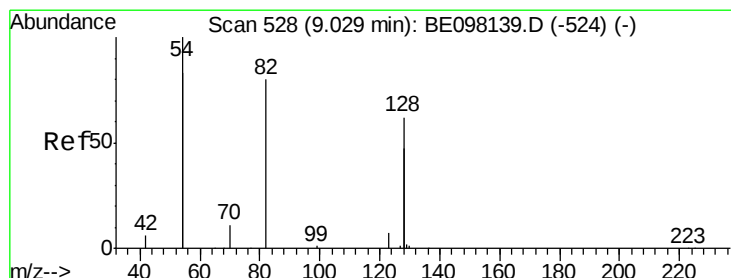
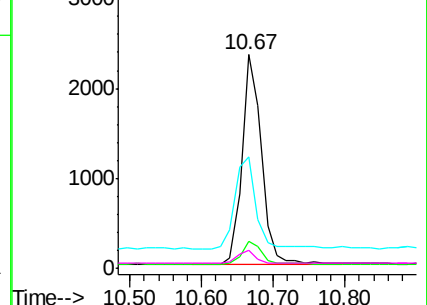
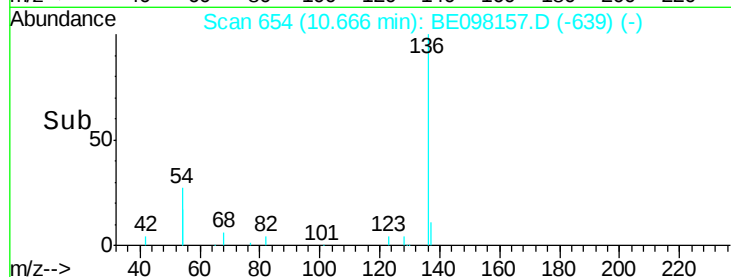


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.349 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098157.D

Acq: 5 Nov 2018 12:16

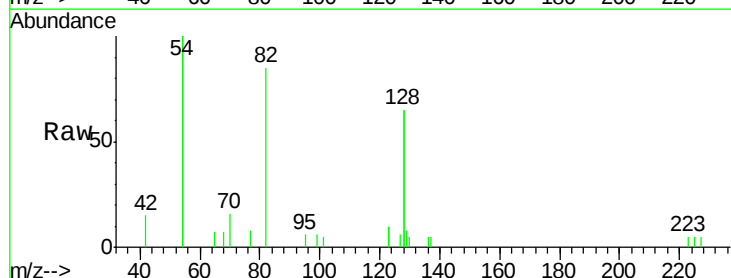
Tgt Ion: 82 Resp: 1627

Ion Ratio Lower Upper

82 100

128 153.8 129.9 194.9

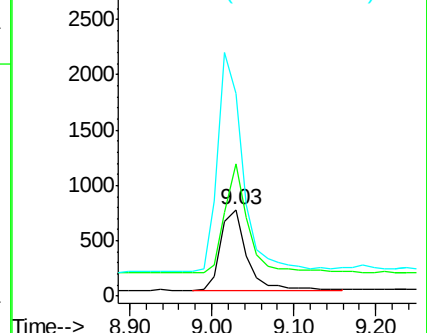
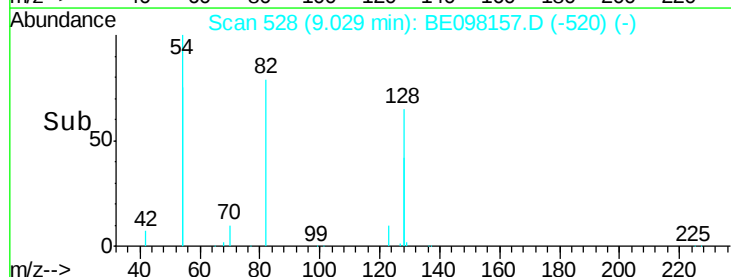
54 235.4 174.0 261.0

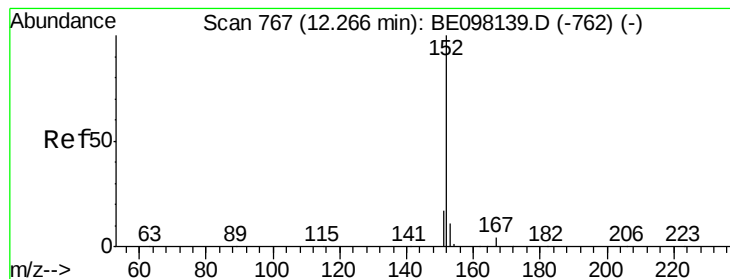


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098157.D

Acq: 5 Nov 2018 12:16

Instrument :

BNA_E

ClientSampleId :

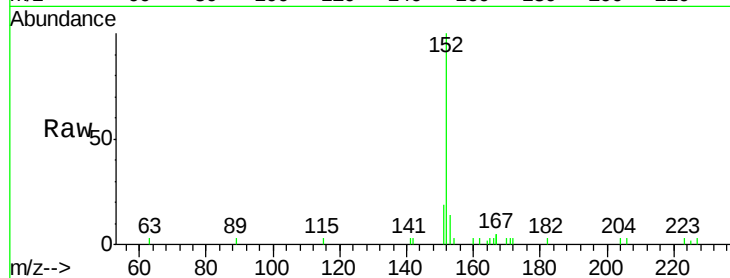
MW-1

Tgt Ion:152 Resp: 2916

Ion Ratio Lower Upper

152 100

151 19.3 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

2000

1500

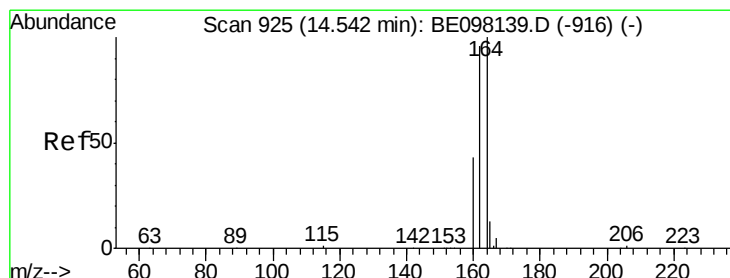
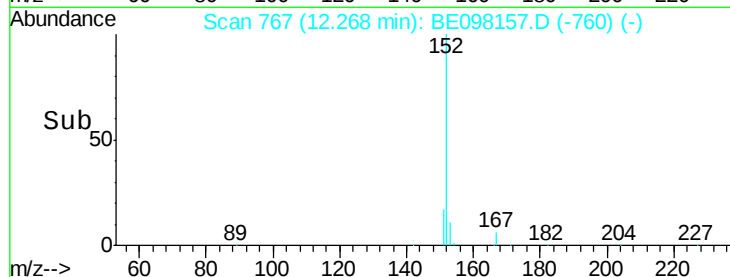
1000

500

0

12.20 12.30 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE098157.D

Acq: 5 Nov 2018 12:16

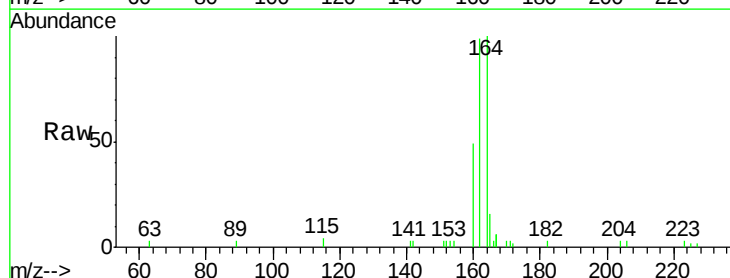
Tgt Ion:164 Resp: 2932

Ion Ratio Lower Upper

164 100

162 99.3 77.4 116.2

160 49.0 36.5 54.7



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

2500

2000

1500

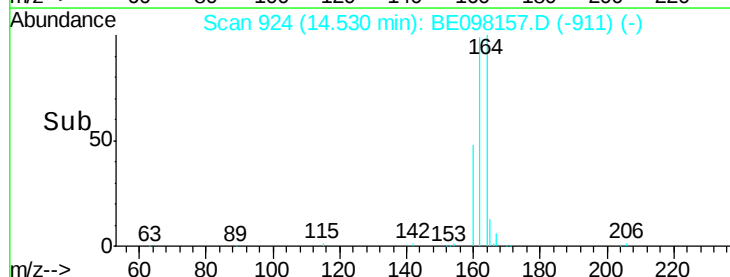
1000

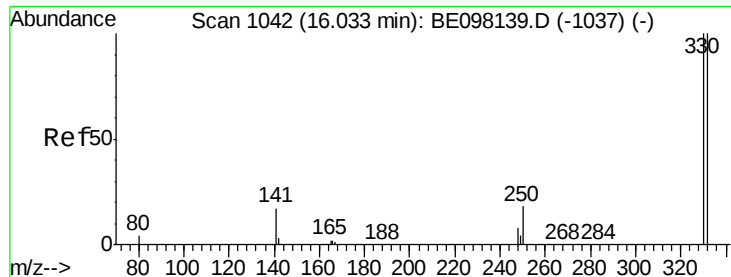
500

0

14.40 14.50 14.60 14.70

Time-->

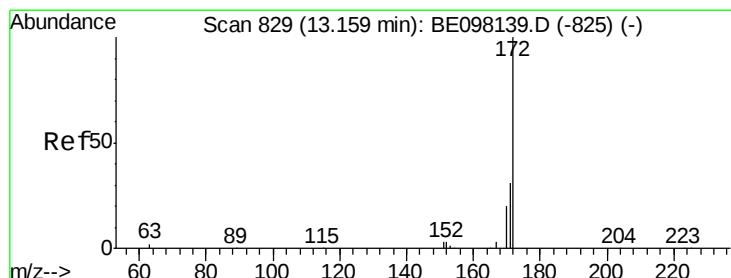
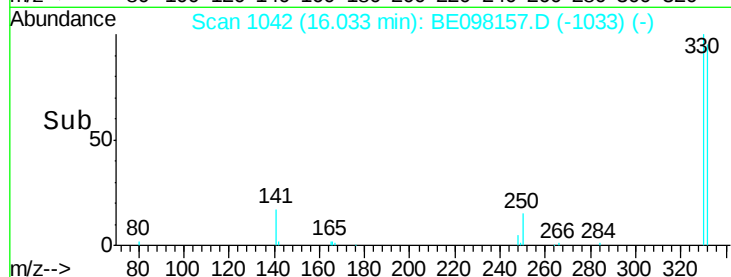
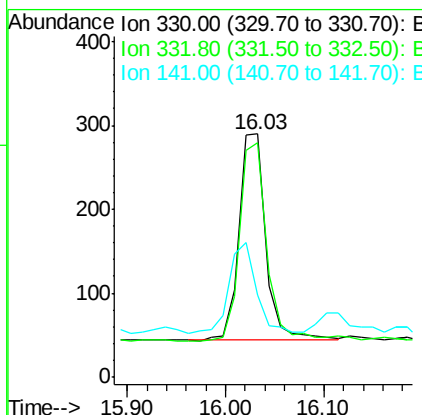
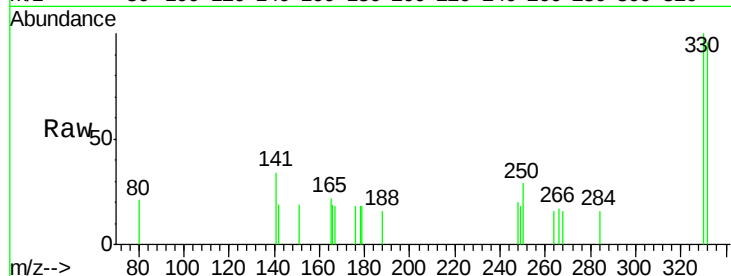




#14
 2,4,6-Tribromophenol
 Concen: 0.333 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE098157.D
 Acq: 5 Nov 2018 12:16

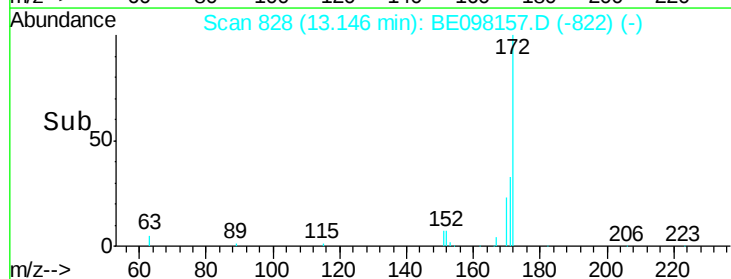
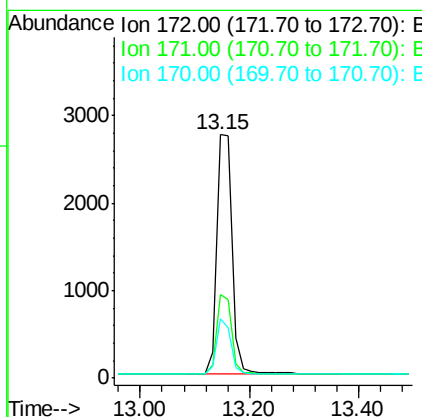
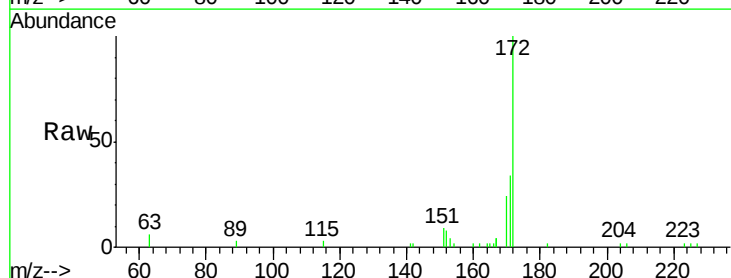
Instrument :
 BNA_E
 ClientSampleId :
 MW-1

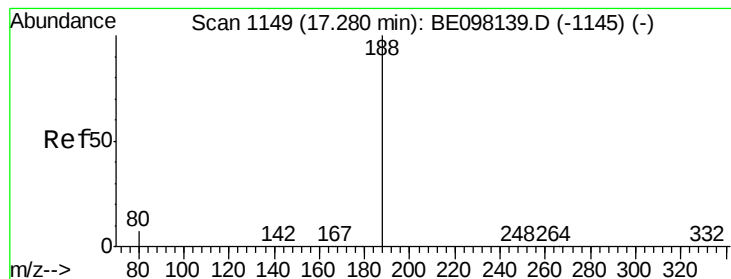
Tgt Ion: 330 Resp: 463
 Ion Ratio Lower Upper
 330 100
 332 99.6 76.5 114.7
 141 44.9 31.8 47.6



#15
 2-Fluorobiphenyl
 Concen: 0.454 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BE098157.D
 Acq: 5 Nov 2018 12:16

Tgt Ion: 172 Resp: 5470
 Ion Ratio Lower Upper
 172 100
 171 34.1 26.0 39.0
 170 24.5 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098157.D

Acq: 5 Nov 2018 12:16

Instrument :

BNA_E

ClientSampleId :

MW-1

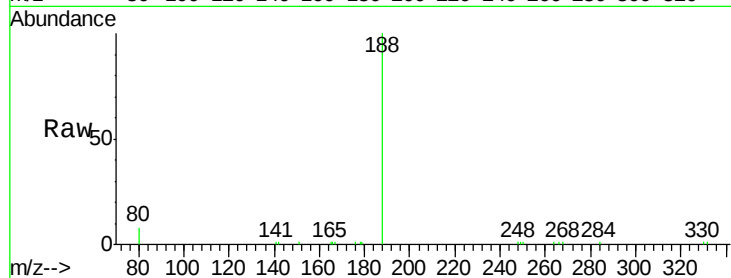
Tgt Ion:188 Resp: 7128

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

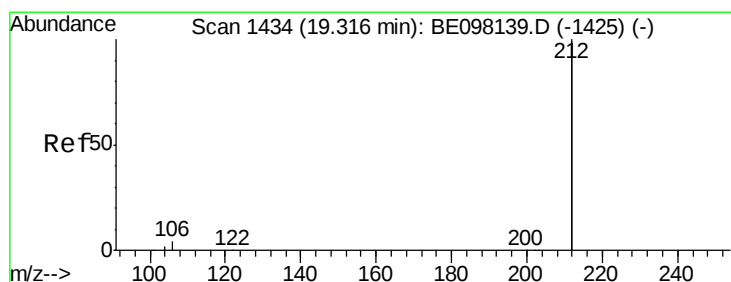
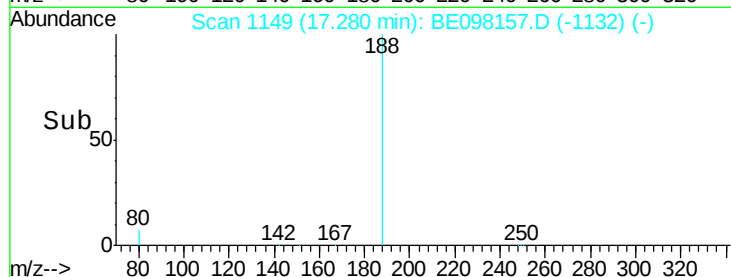
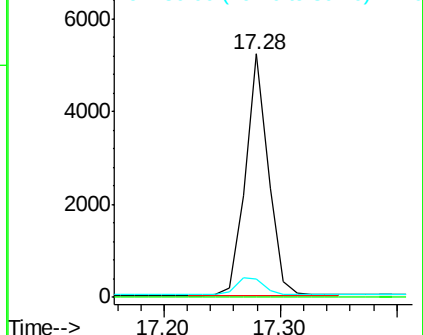
80 7.7 6.3 9.5



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: 0.371 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098157.D

Acq: 5 Nov 2018 12:16

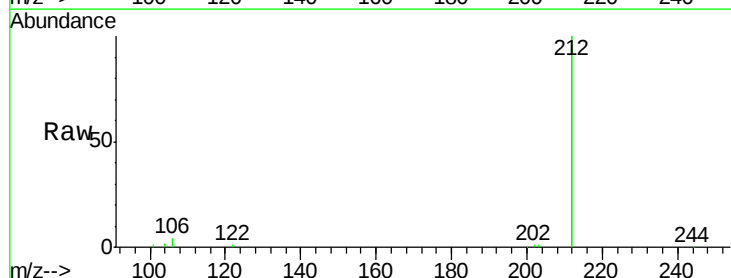
Tgt Ion:212 Resp: 34059

Ion Ratio Lower Upper

212 100

106 2.2 2.3 3.5#

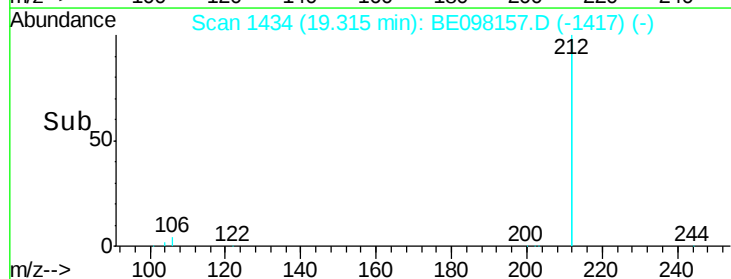
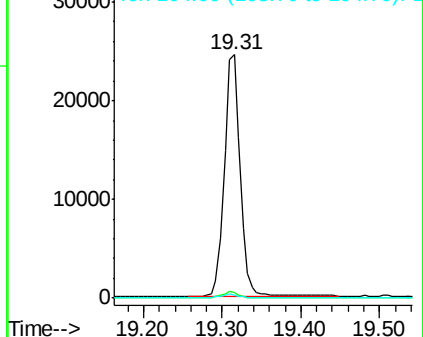
104 1.3 1.3 1.9

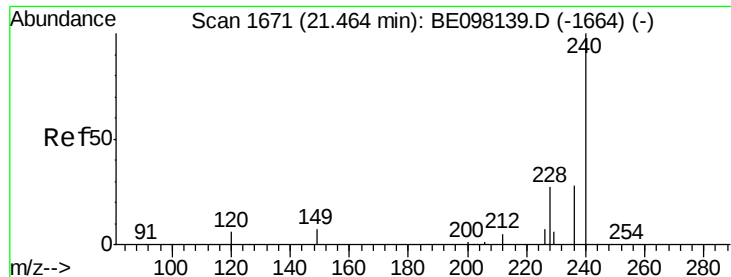


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098157.D

Acq: 5 Nov 2018 12:16

Instrument :

BNA_E

ClientSampleId :

MW-1

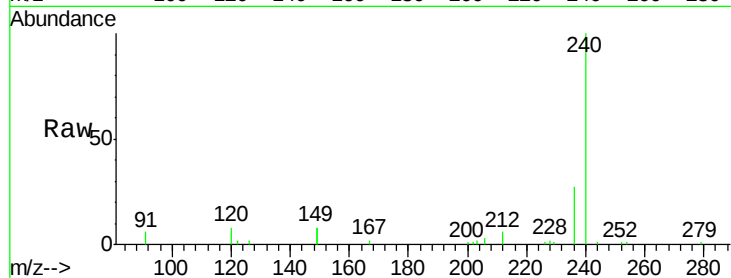
Tgt Ion:240 Resp: 7916

Ion Ratio Lower Upper

240 100

120 7.7 7.1 10.7

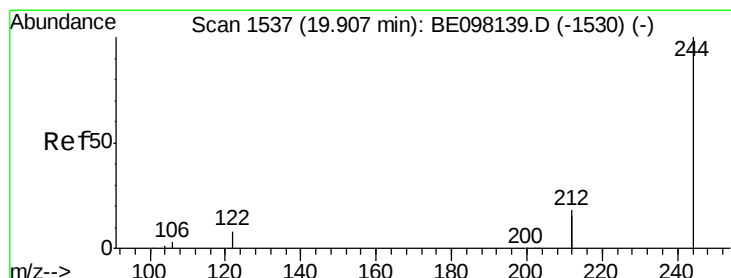
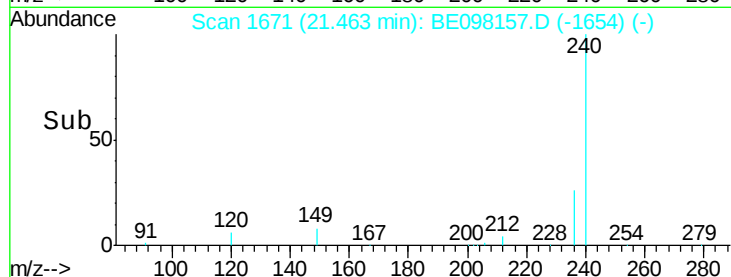
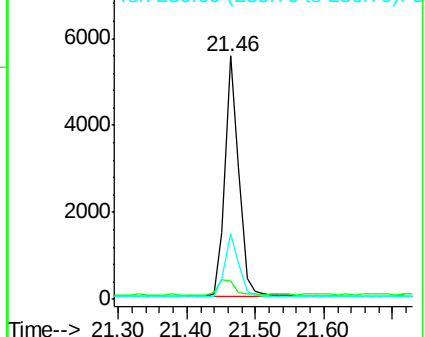
236 27.2 21.3 31.9



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: BE098157.D

Acq: 5 Nov 2018 12:16

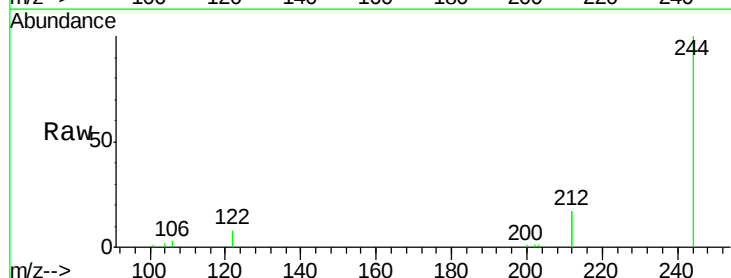
Tgt Ion:244 Resp: 8953

Ion Ratio Lower Upper

244 100

212 34.2 26.2 39.2

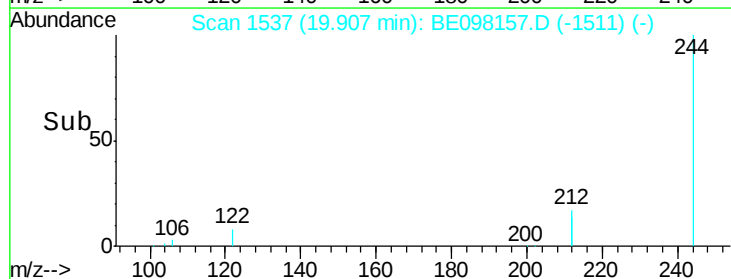
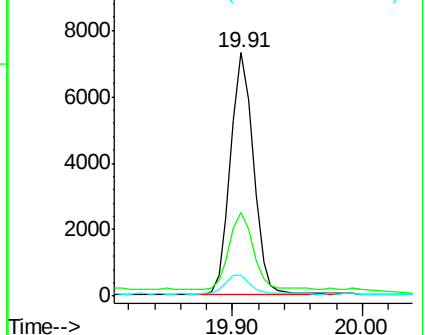
122 8.4 7.7 11.5

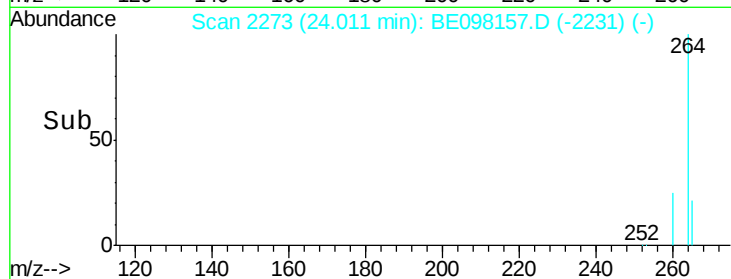
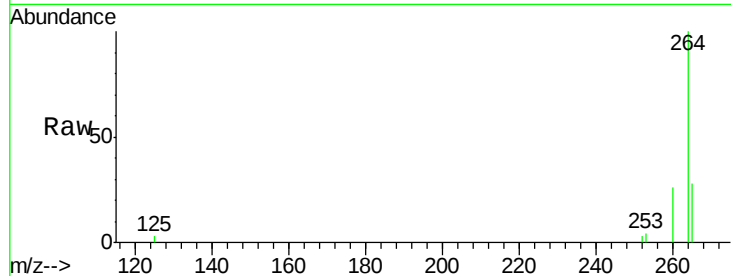
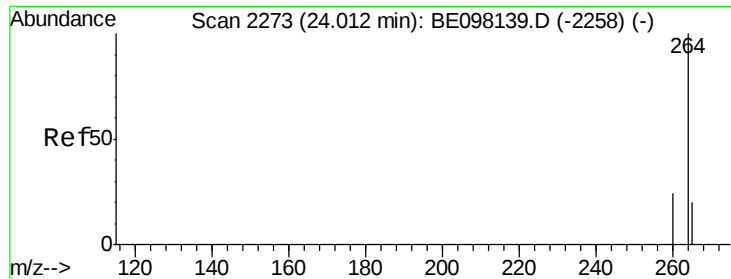


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE098157.D

Acq: 5 Nov 2018 12:16

Instrument :

BNA_E

ClientSampleId :

MW-1

Tgt Ion:264 Resp: 7798

Ion Ratio Lower Upper

264 100

260 25.9 21.1 31.7

265 28.2 29.2 43.8#

