

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE081018\
 Data File : BE097262.D
 Acq On : 10 Aug 2018 14:44
 Operator : SJ/JU
 Sample : J4379-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-106S

Quant Time: Aug 10 16:45:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 10:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1076	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5528	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3247	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	7944	0.40	ng	0.00
27) Chrysene-d12	20.98	240	8424	0.40	ng	0.00
34) Perylene-d12	23.21	264	8458	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	600	0.20	ng	0.01
5) Phenol-d6	6.61	99	501	0.11	ng	0.01
8) Nitrobenzene-d5	8.53	82	2410	0.50	ng	0.01
11) 2-Methylnaphthalene-d10	11.72	152	3718	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	676	0.63	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	6699	0.60	ng	0.00
25) Fluoranthene-d10	18.82	212	42276	0.53	ng	0.01
29) Terphenyl-d14	19.43	244	12423	0.77	ng	0.00

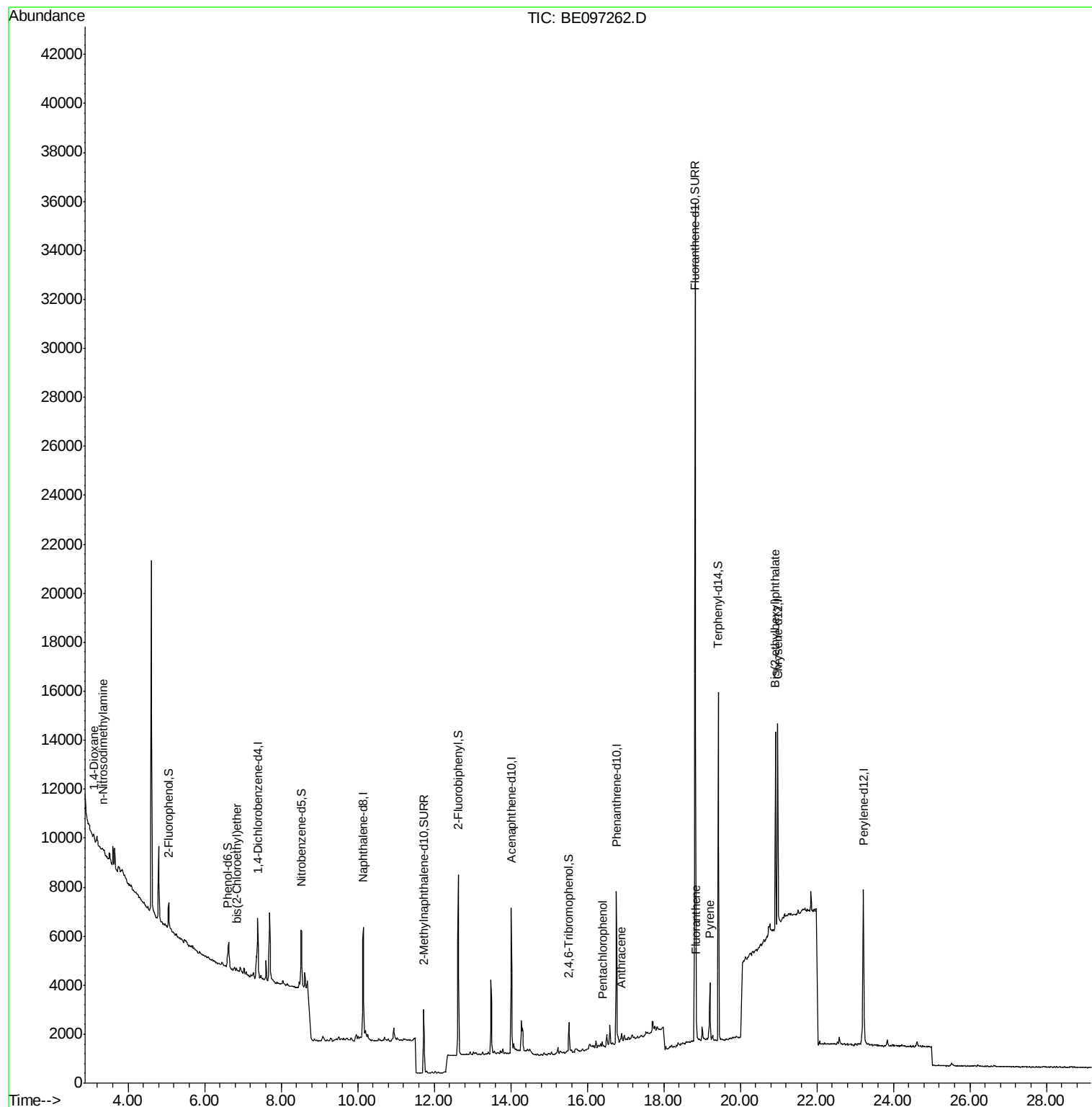
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	93	0.054	ng	# 68
3) n-Nitrosodimethylamine	3.34	42	125	0.065	ng	# 1
6) bis(2-Chloroethyl)ether	6.84	93	168	0.041	ng	# 1
22) Pentachlorophenol	16.41	266	12	0.047	ng	92
24) Anthracene	16.89	178	455	0.027	ng	# 73
26) Fluoranthene	18.85	202	824	0.039	ng	95
28) Pyrene	19.20	202	2053	0.089	ng	# 91
32) Bis(2-ethylhexyl)phthalate	20.92	149	8463	0.384	ng	# 100

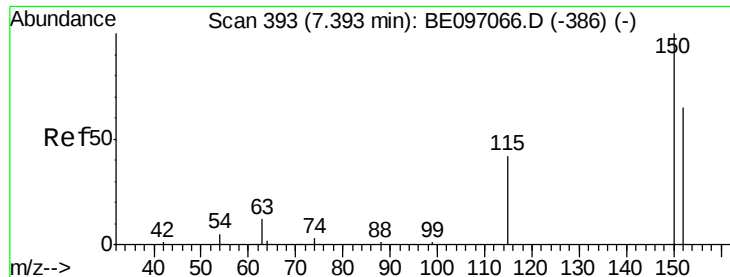
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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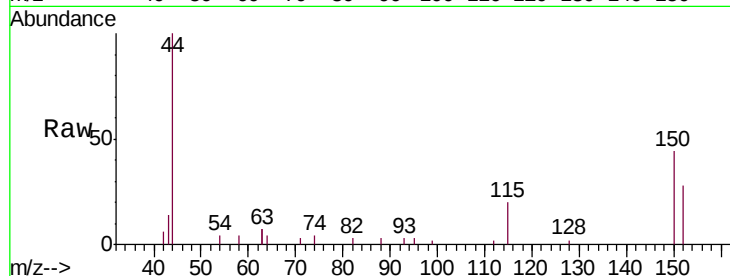


#1

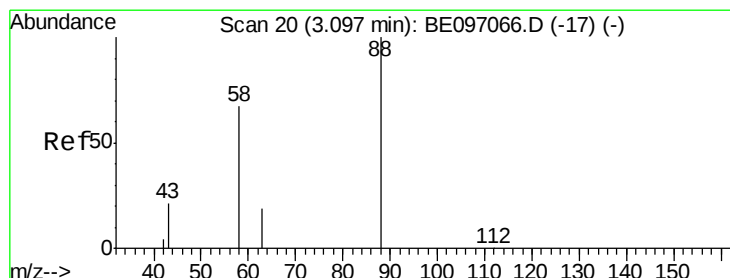
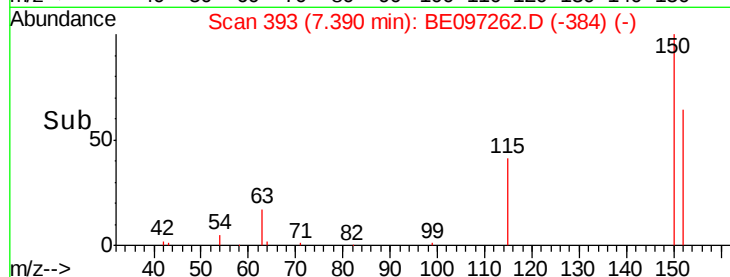
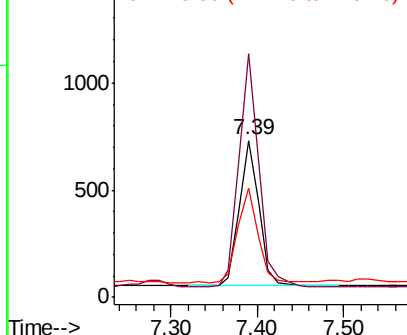
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097262.D
Acq: 10 Aug 2018 14:44

Instrument :
BNA_E
ClientSampleId :
MW-106S

Tgt Ion: 152 Resp: 1076
Ion Ratio Lower Upper
152 100
150 155.1 117.2 175.8
115 69.5 57.0 85.6



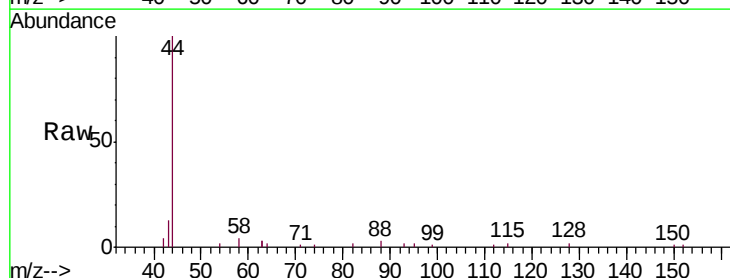
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



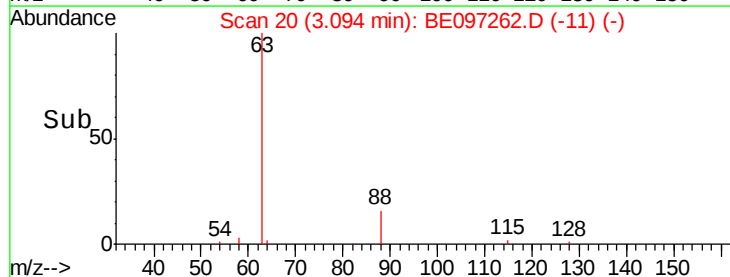
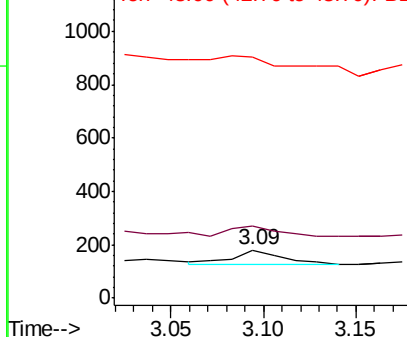
#2

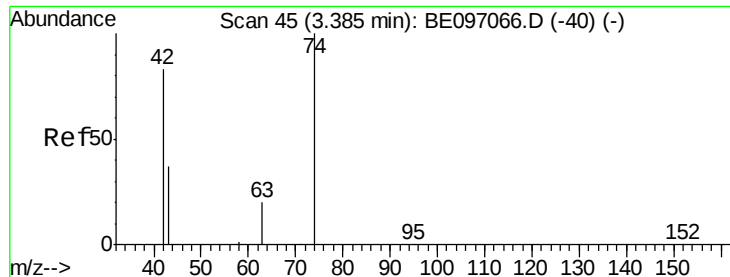
1,4-Dioxane
Concen: 0.054 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097262.D
Acq: 10 Aug 2018 14:44

Tgt Ion: 88 Resp: 93
Ion Ratio Lower Upper
88 100
58 75.3 63.2 94.8
43 0.0 41.2 61.8#



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





#3

n-Nitrosodimethylamine

Concen: 0.065 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.05 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

Instrument :

BNA_E

ClientSampleId :

MW-106S

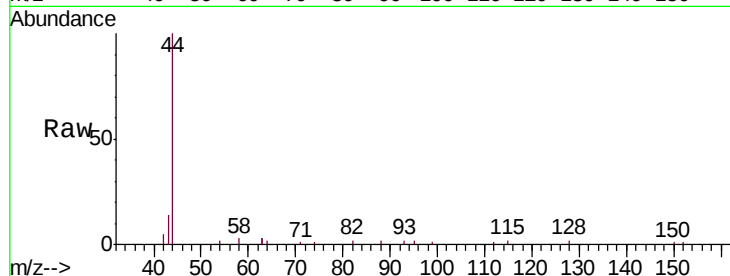
Tgt Ion: 42 Resp: 125

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

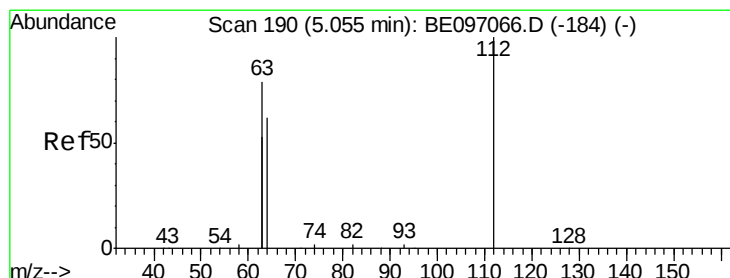
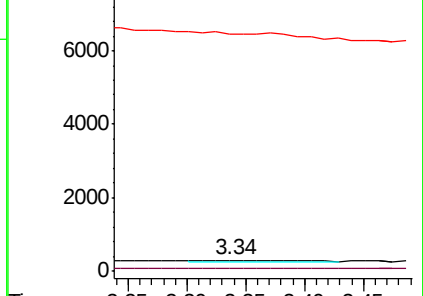
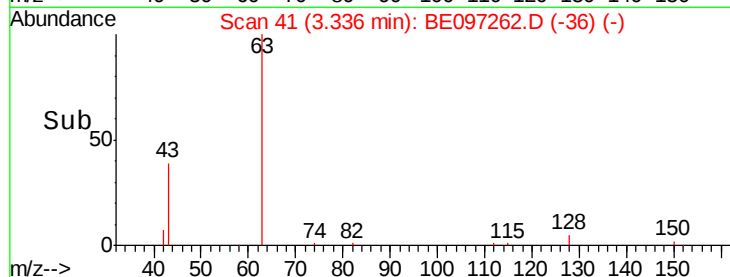
44 0.0 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.198 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

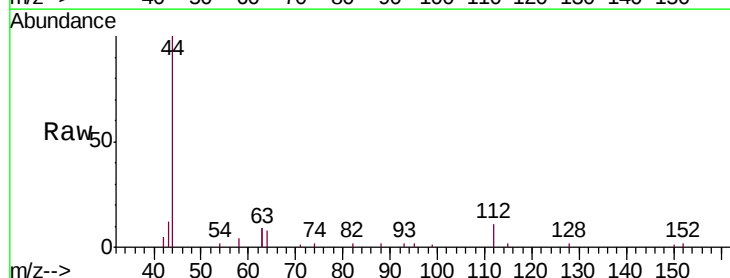
Tgt Ion: 112 Resp: 600

Ion Ratio Lower Upper

112 100

64 92.5 60.1 90.1#

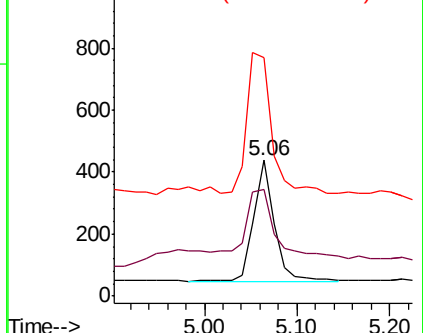
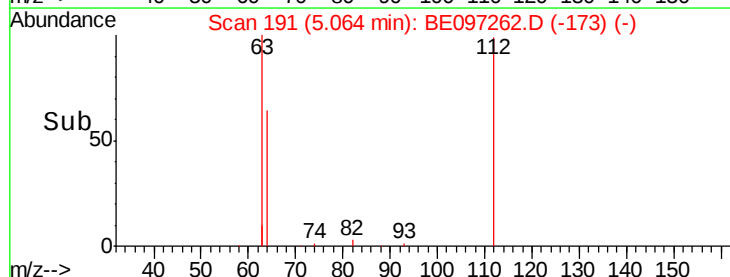
63 140.3 116.8 175.2

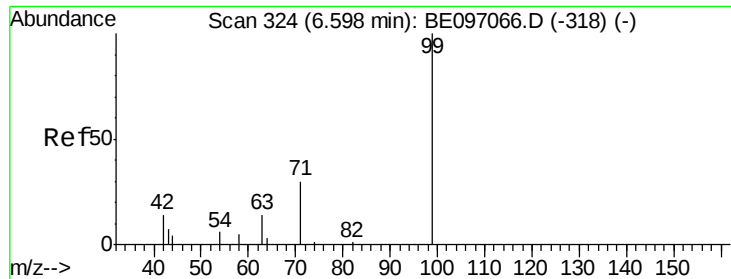


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.113 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

Instrument :

BNA_E

ClientSampleId :

MW-106S

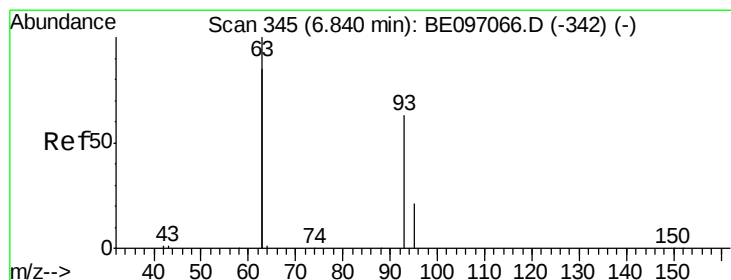
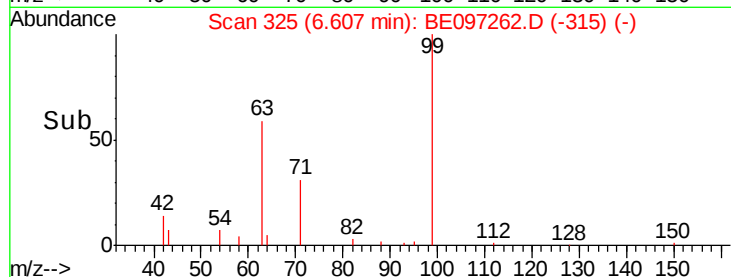
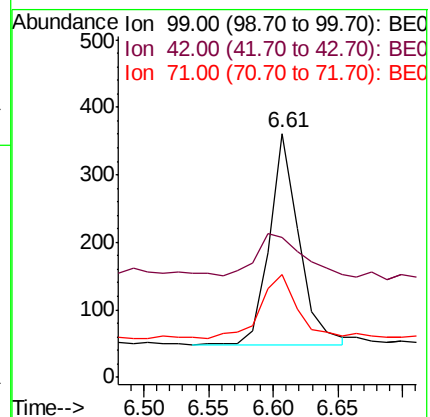
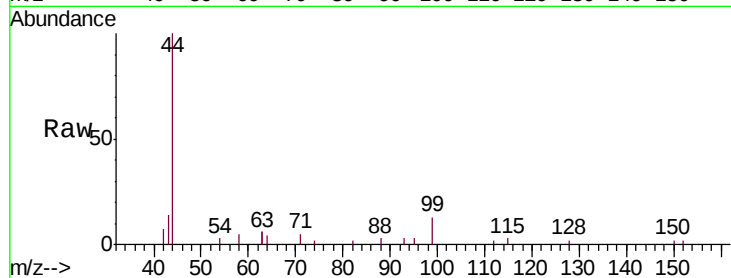
Tgt Ion: 99 Resp: 501

Ion Ratio Lower Upper

99 100

42 28.7 20.2 30.2

71 36.9 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.041 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

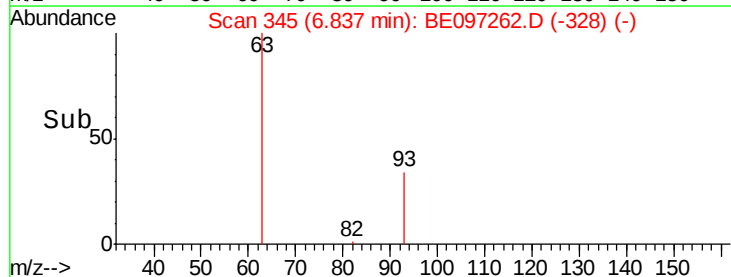
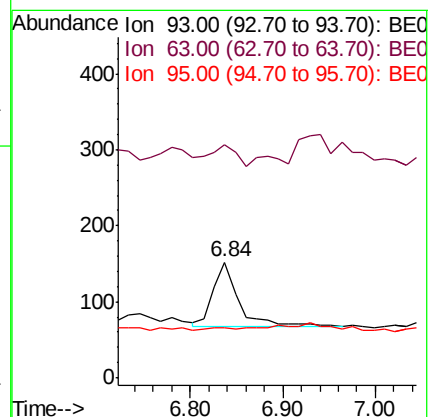
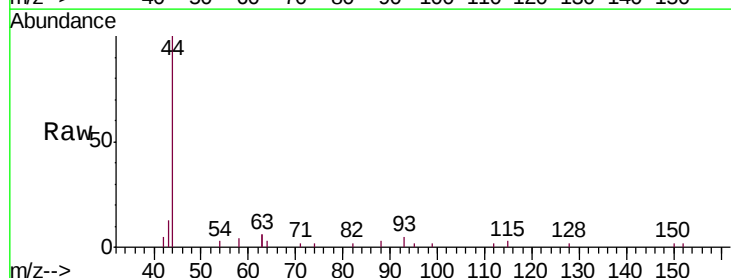
Tgt Ion: 93 Resp: 168

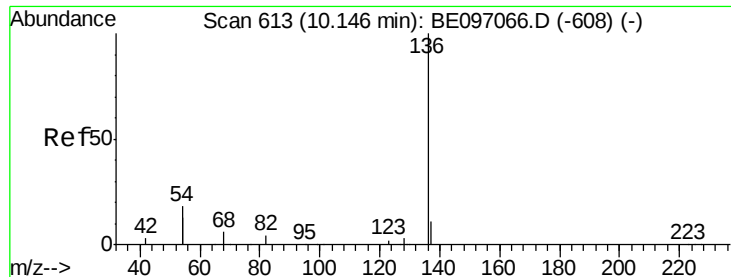
Ion Ratio Lower Upper

93 100

63 32.1 275.3 412.9#

95 4.8 25.2 37.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

Instrument :

BNA_E

ClientSampleId :

MW-106S

Tgt Ion: 136 Resp: 5528

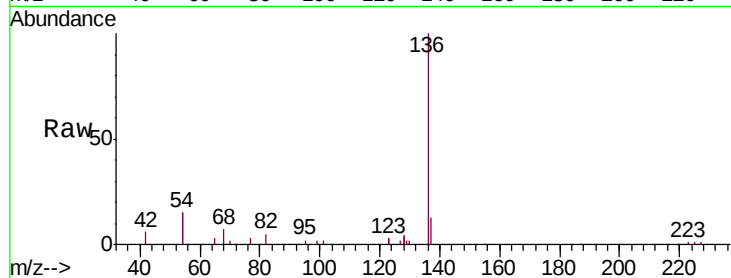
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 31.0 29.1 43.7

68 6.9 6.2 9.2

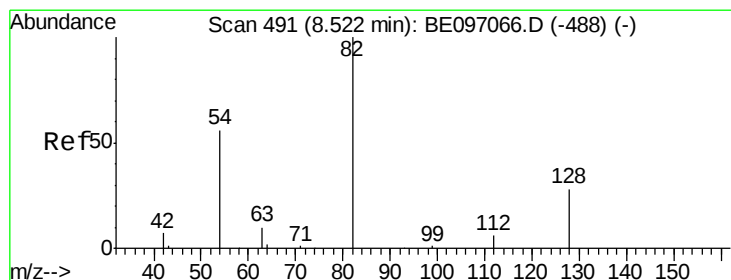
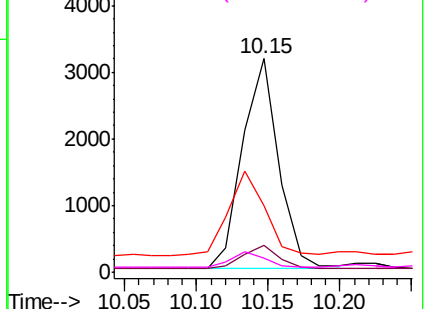
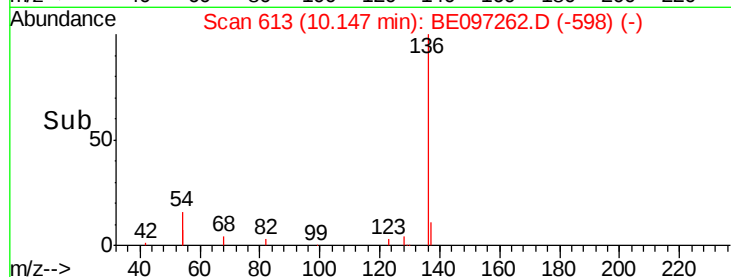


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.502 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

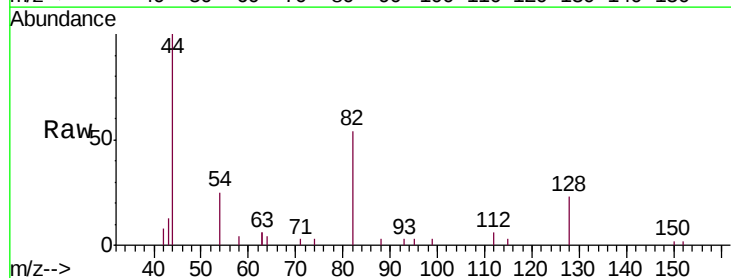
Tgt Ion: 82 Resp: 2410

Ion Ratio Lower Upper

82 100

128 42.1 24.0 36.0#

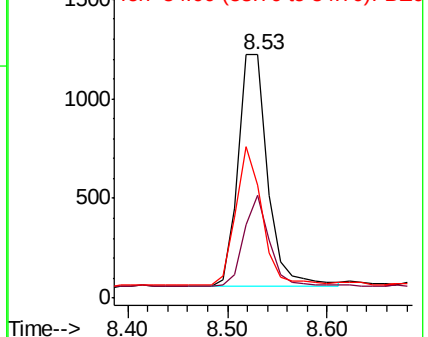
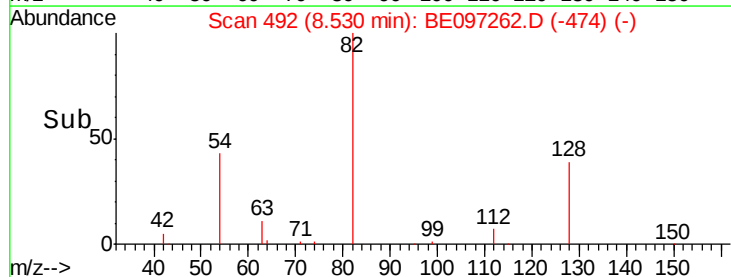
54 46.2 40.0 60.0

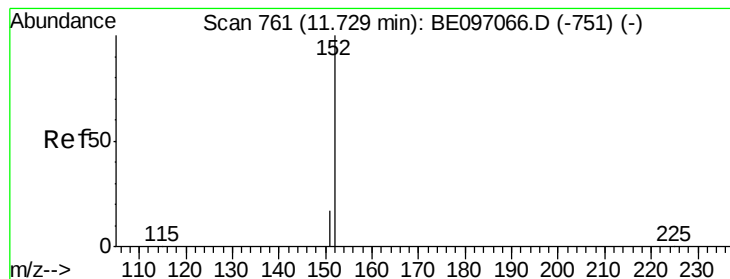


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.449 ng

RT: 11.72 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

Instrument :

BNA_E

ClientSampled :

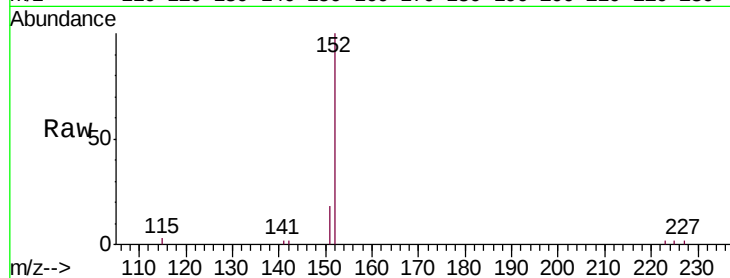
MW-106S

Tgt Ion:152 Resp: 3718

Ion Ratio Lower Upper

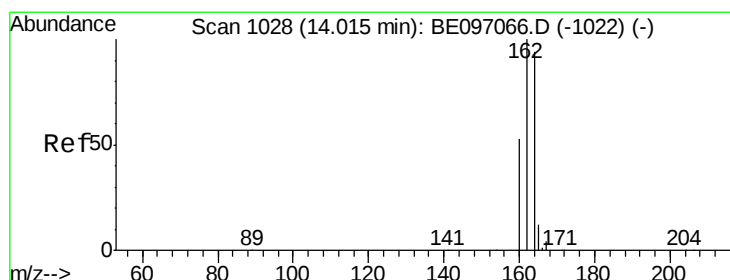
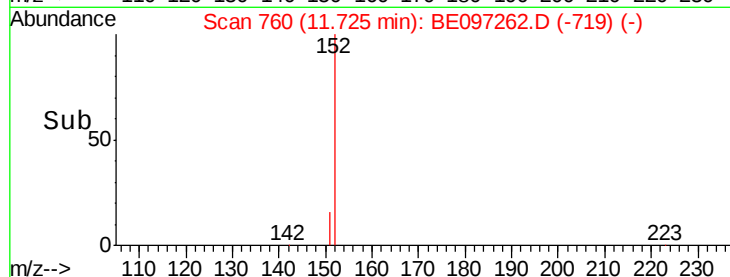
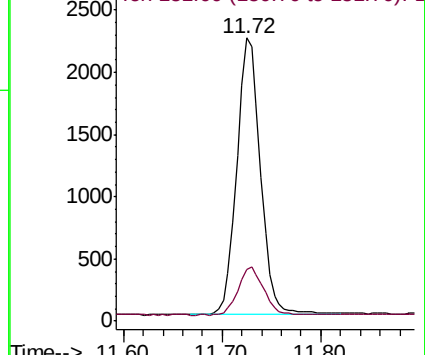
152 100

151 18.6 15.4 23.0



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: 14.01 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

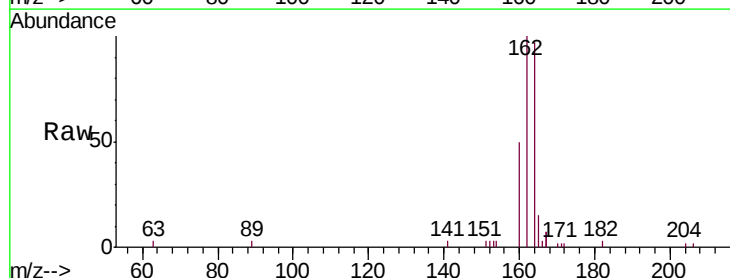
Tgt Ion:164 Resp: 3247

Ion Ratio Lower Upper

164 100

162 103.4 83.1 124.7

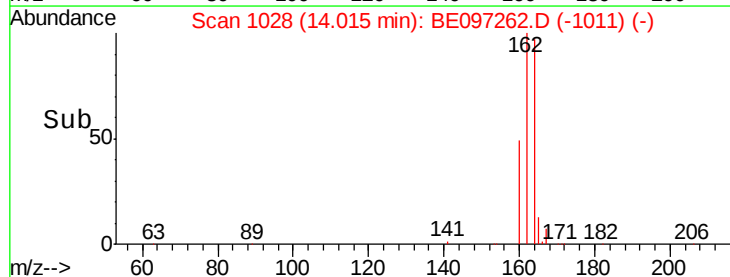
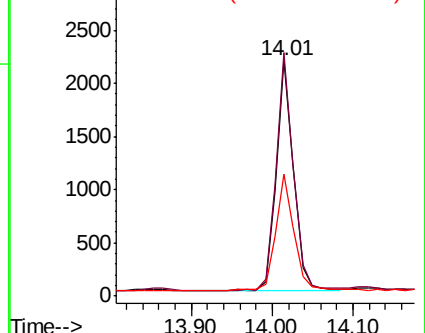
160 51.7 37.1 55.7

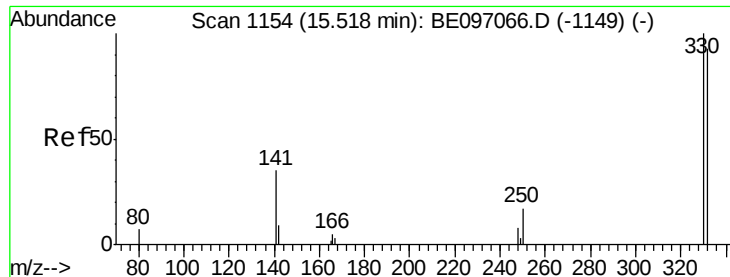


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

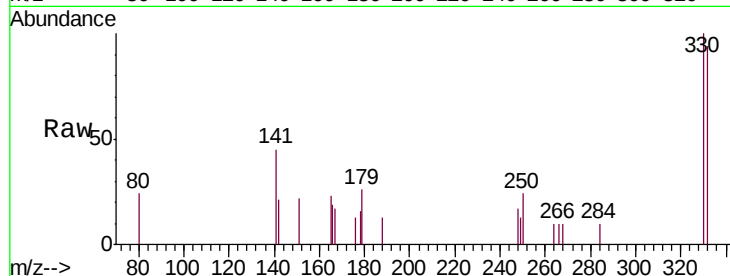




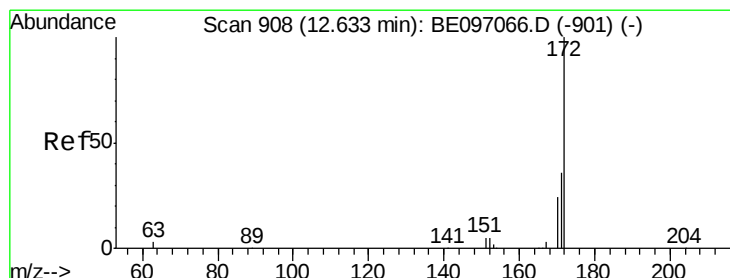
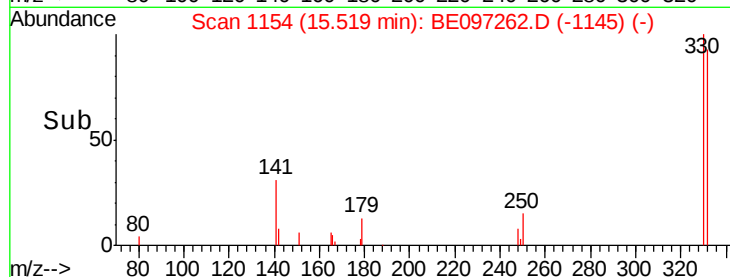
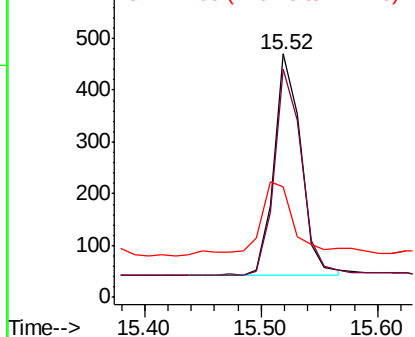
#14
 2,4,6-Tribromophenol
 Concen: 0.633 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097262.D
 Acq: 10 Aug 2018 14:44

Instrument :
 BNA_E
 ClientSampleId :
 MW-106S

Tgt Ion: 330 Resp: 676
 Ion Ratio Lower Upper
 330 100
 332 94.8 152.7 229.1#
 141 39.9 33.7 50.5

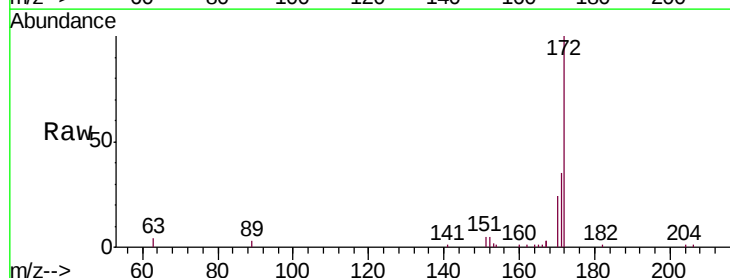


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

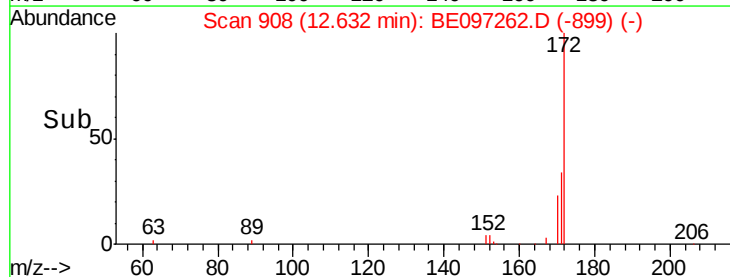
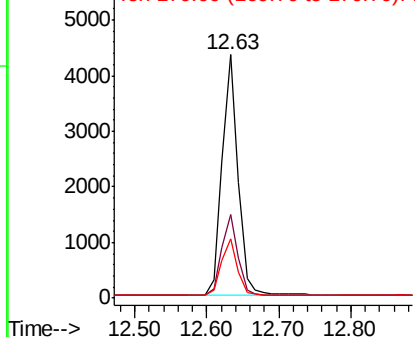


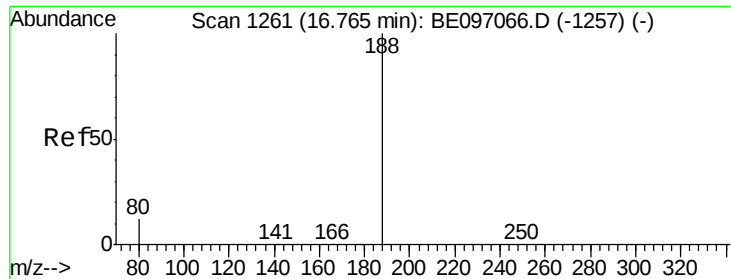
#15
 2-Fluorobiphenyl
 Concen: 0.597 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BE097262.D
 Acq: 10 Aug 2018 14:44

Tgt Ion: 172 Resp: 6699
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.9 44.9
 170 24.1 21.8 32.8



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: 16.77 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

Instrument :

BNA_E

ClientSampleId :

MW-106S

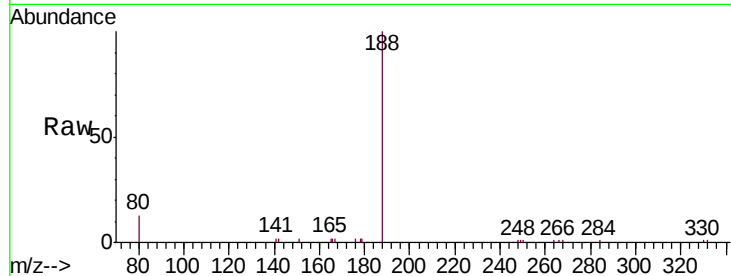
Tgt Ion:188 Resp: 7944

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

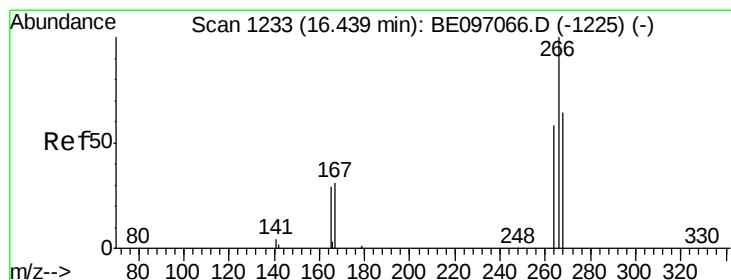
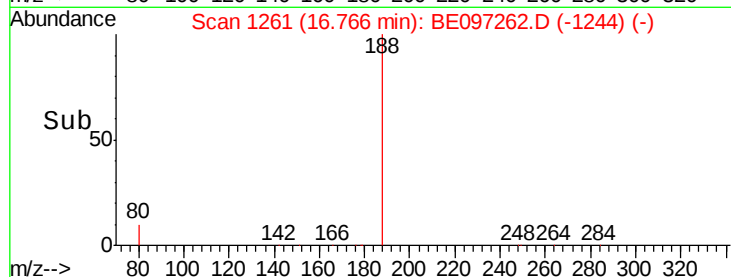
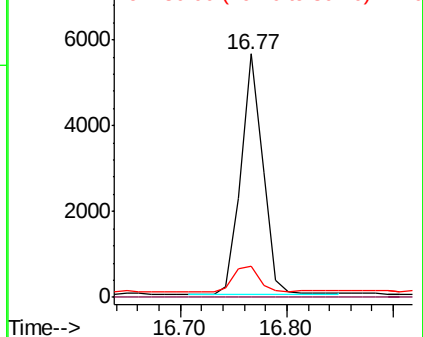
80 12.6 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.047 ng

RT: 16.41 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

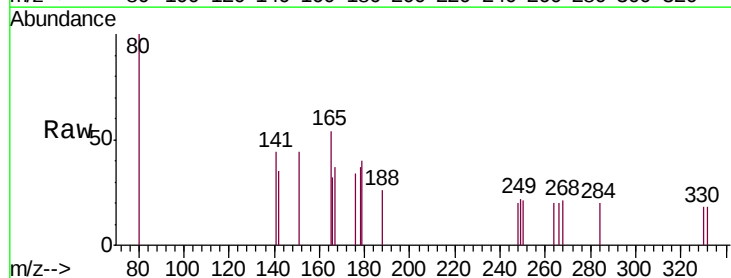
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

264 96.0 72.5 108.7

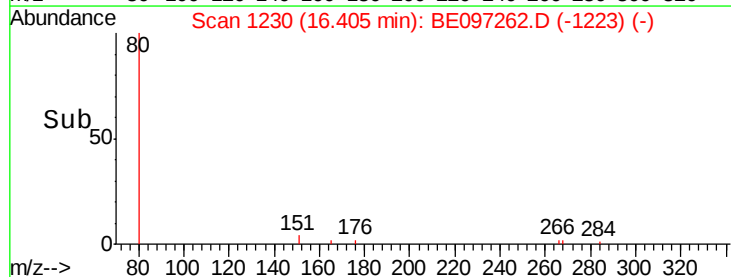
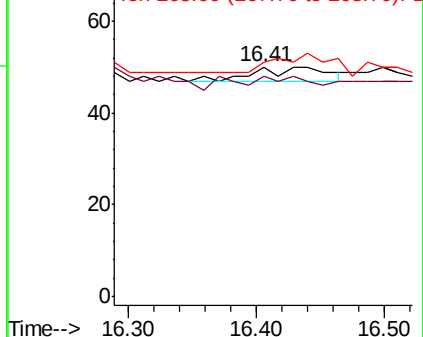
268 102.0 73.8 110.6

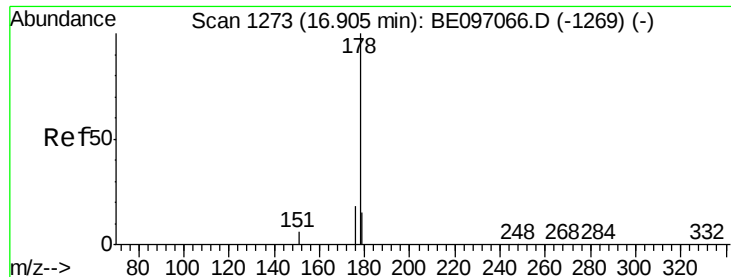


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.027 ng

RT: 16.89 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

Instrument :

BNA_E

ClientSampleId :

MW-106S

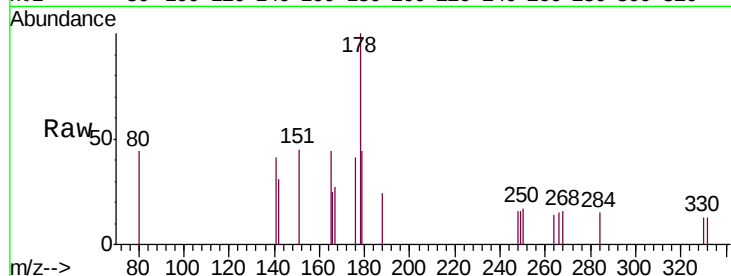
Tgt Ion:178 Resp: 455

Ion Ratio Lower Upper

178 100

176 22.6 12.8 19.2#

179 0.0 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

16.89

400

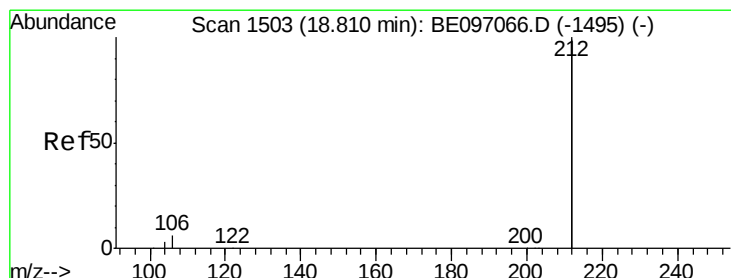
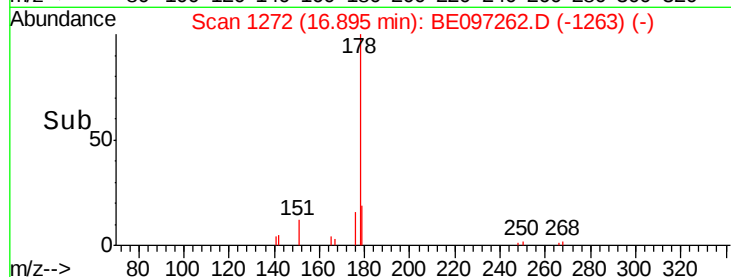
300

200

100

0

Time-->



#25

Fluoranthene-d10

Concen: 0.532 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

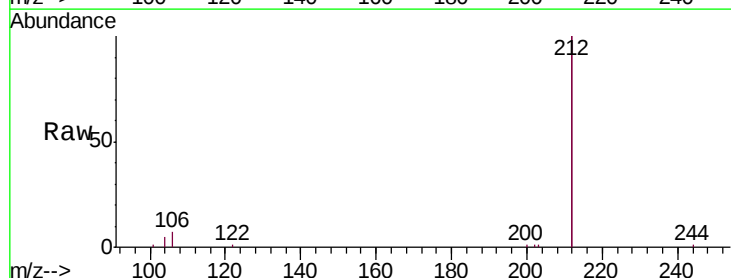
Tgt Ion:212 Resp: 42276

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

104 1.8 1.6 2.4



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

18.82

40000

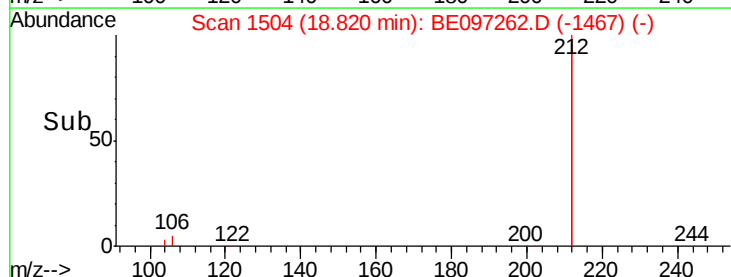
30000

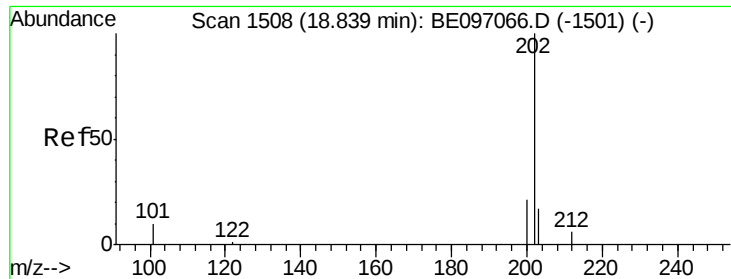
20000

10000

0

Time-->

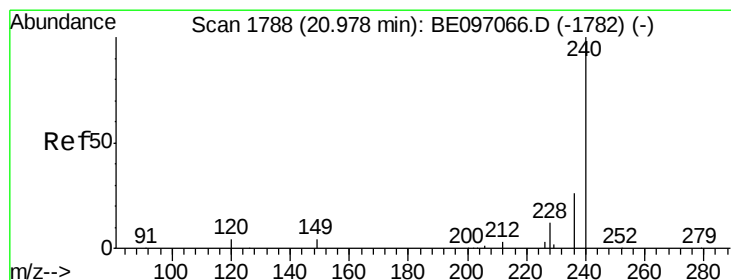
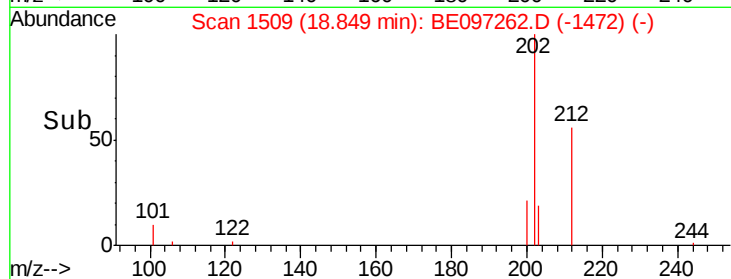
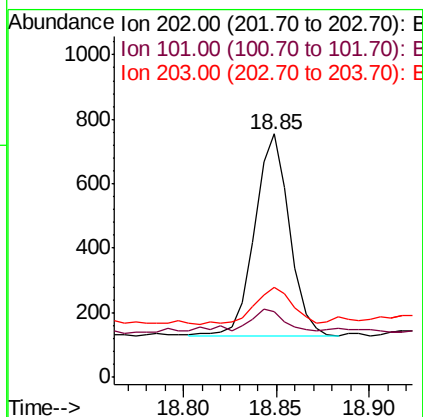
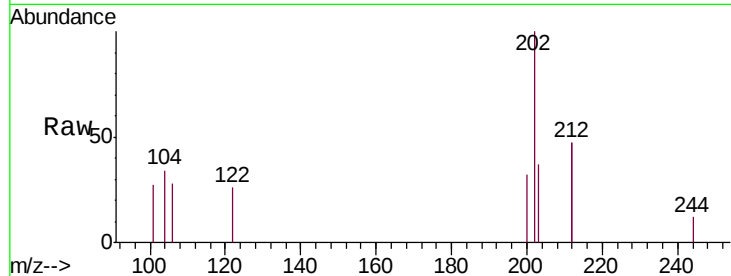




#26
 Fluoranthene
 Concen: 0.039 ng
 RT: 18.85 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BE097262.D
 Acq: 10 Aug 2018 14:44

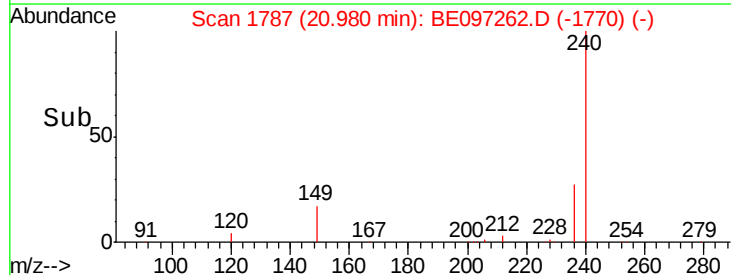
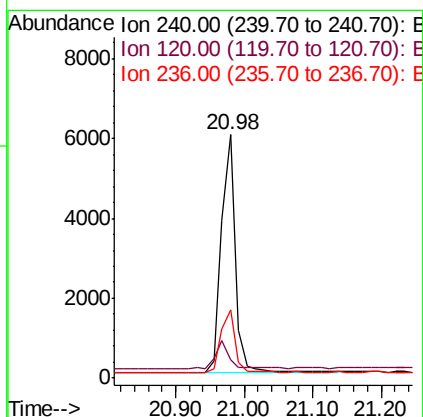
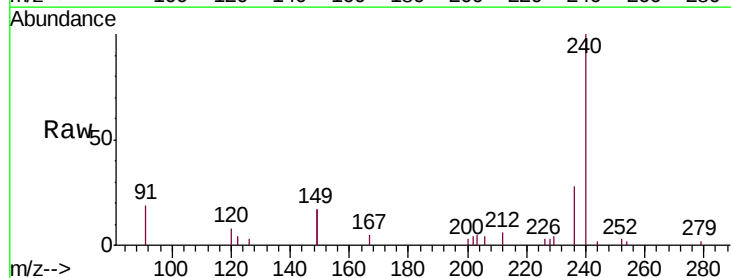
Instrument :
 BNA_E
 ClientSampleId :
 MW-106S

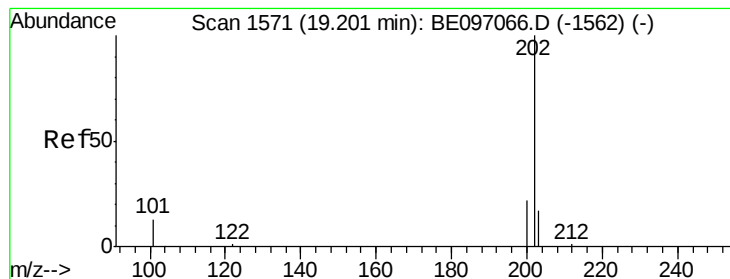
Tgt Ion: 202 Resp: 824
 Ion Ratio Lower Upper
 202 100
 101 14.1 9.8 14.8
 203 19.8 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BE097262.D
 Acq: 10 Aug 2018 14:44

Tgt Ion: 240 Resp: 8424
 Ion Ratio Lower Upper
 240 100
 120 7.7 5.5 8.3
 236 28.2 20.7 31.1





#28

Pyrene

Concen: 0.089 ng

RT: 19.20 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

Instrument :

BNA_E

ClientSampleId :

MW-106S

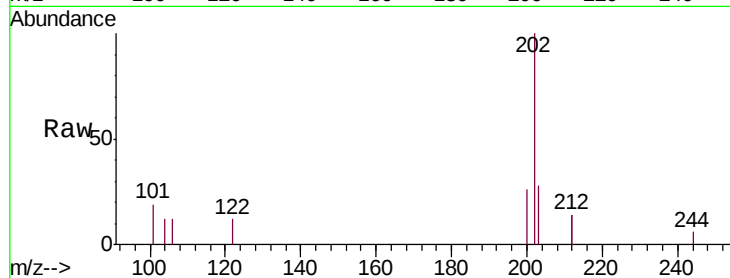
Tgt Ion:202 Resp: 2053

Ion Ratio Lower Upper

202 100

200 22.9 16.6 25.0

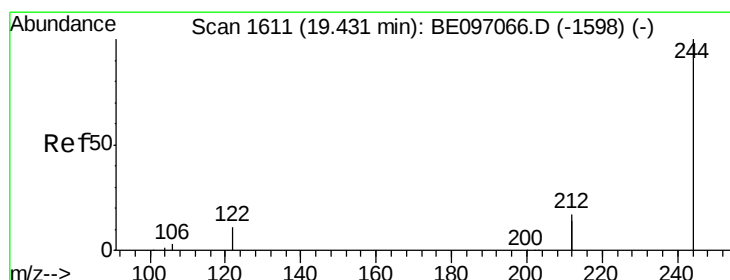
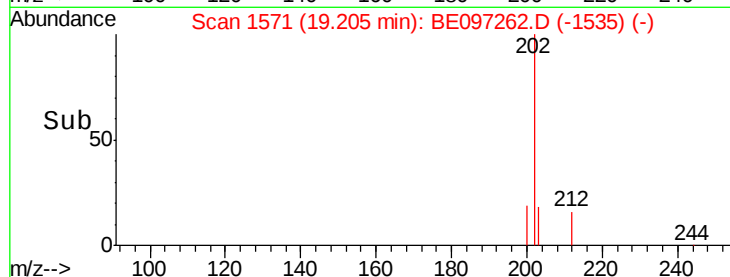
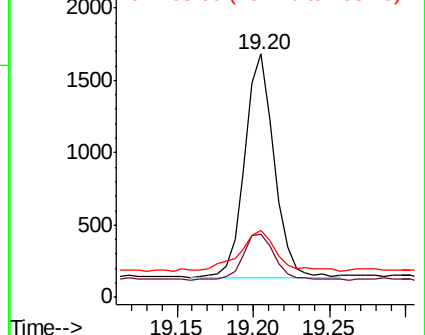
203 23.9 13.8 20.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.768 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

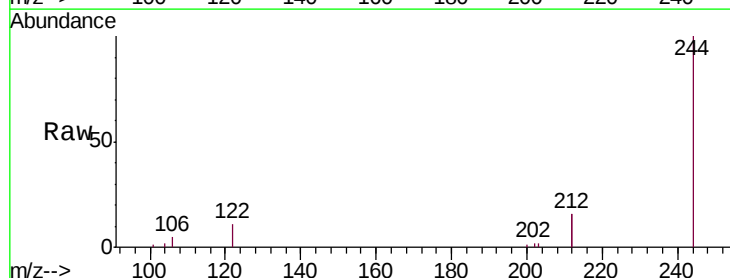
Tgt Ion:244 Resp: 12423

Ion Ratio Lower Upper

244 100

212 32.7 25.4 38.0

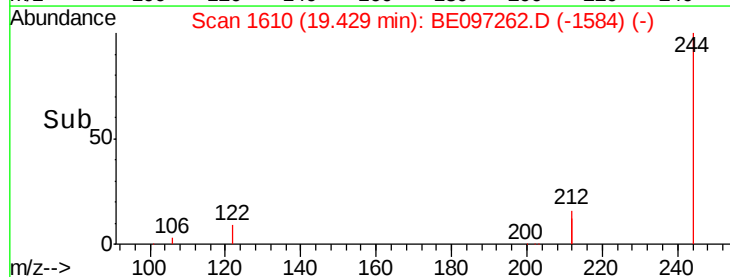
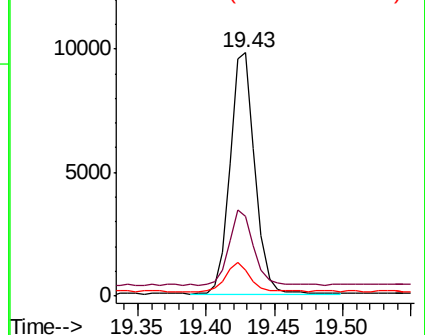
122 10.6 8.1 12.1

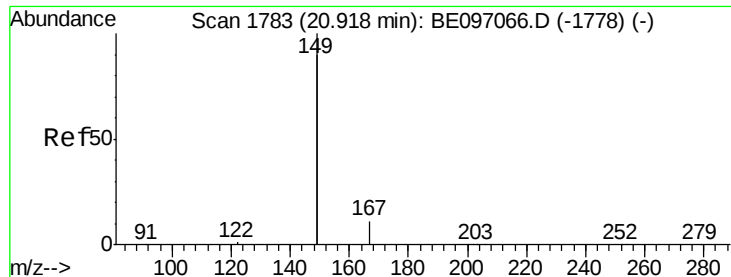


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.384 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

Instrument :

BNA_E

ClientSampleId :

MW-106S

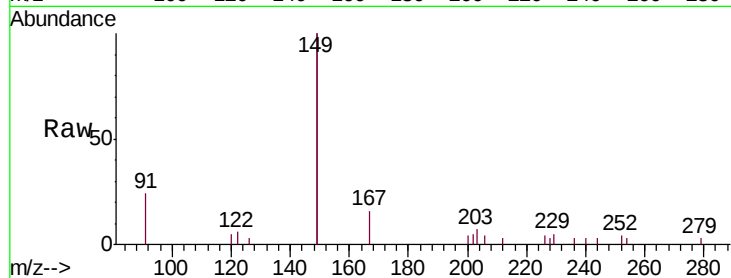
Tgt Ion:149 Resp: 8463

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

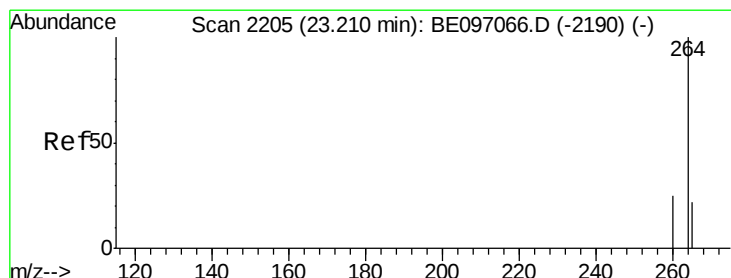
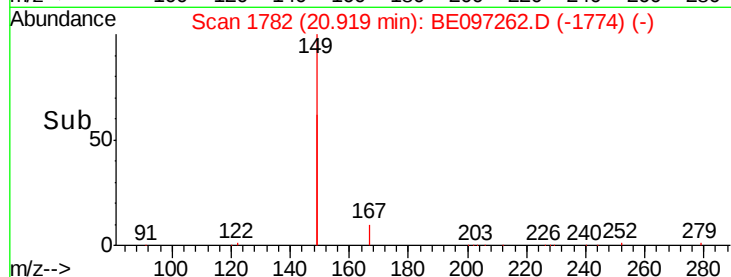
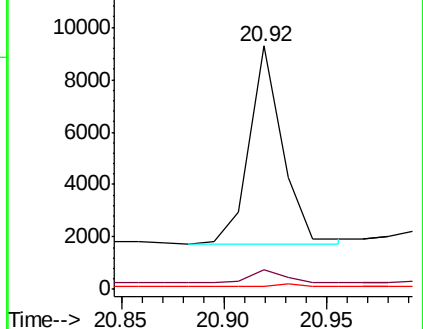
279 1.4 0.7 1.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE097262.D

Acq: 10 Aug 2018 14:44

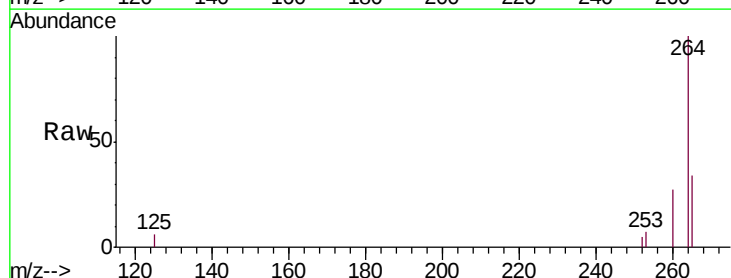
Tgt Ion:264 Resp: 8458

Ion Ratio Lower Upper

264 100

260 26.9 20.5 30.7

265 33.9 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

