

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
 Data File : BE098871.D
 Acq On : 11 Mar 2019 20:46
 Operator : JU/SJ
 Sample : K1839-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190307

Quant Time: Mar 12 07:32:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

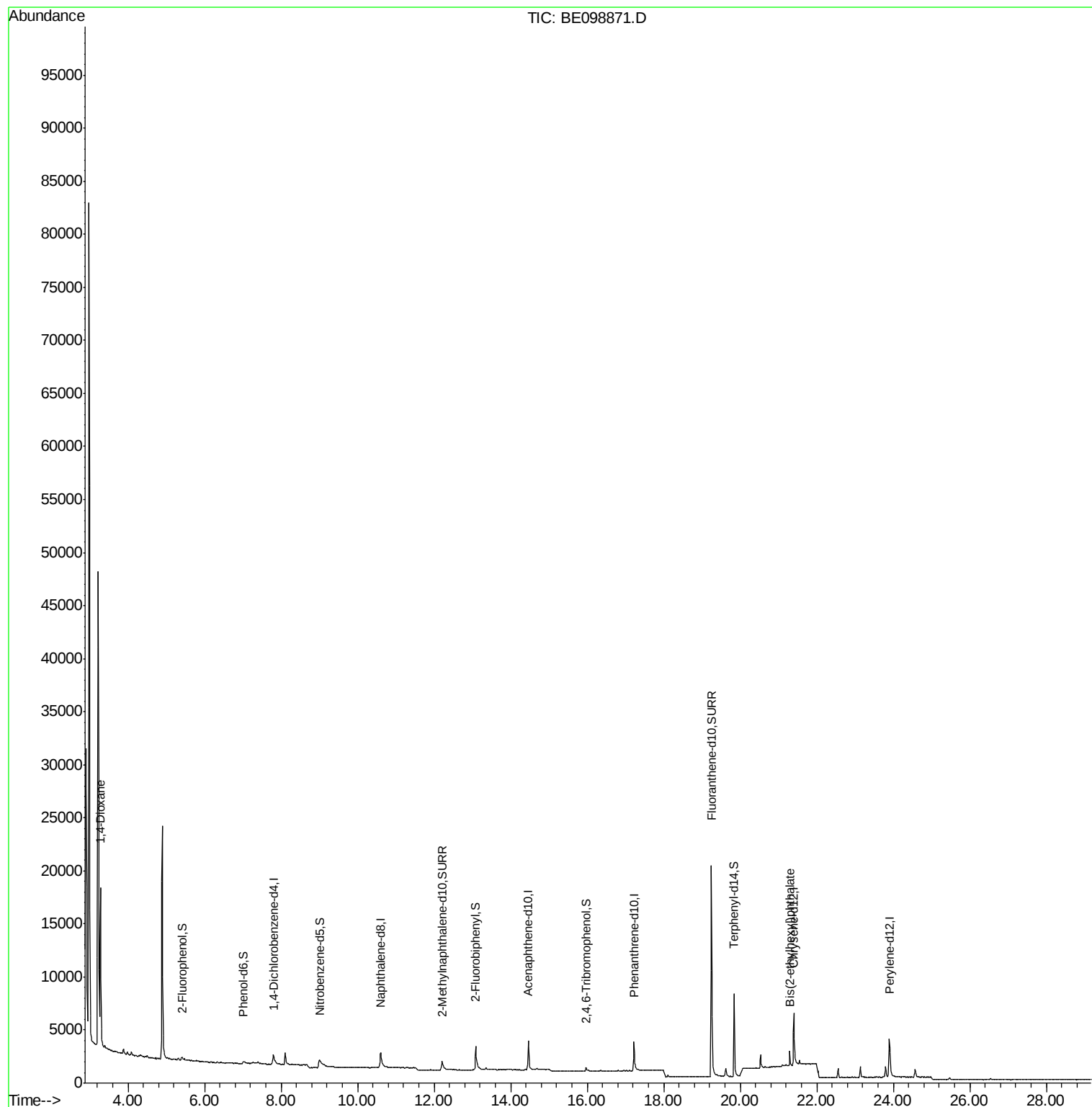
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	720	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3073	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2186	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5828	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6876	0.40	ng	0.00
34) Perylene-d12	23.90	264	6649	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	328	0.15	ng	0.03
5) Phenol-d6	7.01	99	228	0.07	ng	0.03
8) Nitrobenzene-d5	9.00	82	1044	0.32	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2076	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	373	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3734	0.41	ng	0.00
25) Fluoranthene-d10	19.25	212	32297	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	7918	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	8293	7.377	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	2031	0.044	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: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098871.D

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Instrument :

BNA_E

ClientSampleId :

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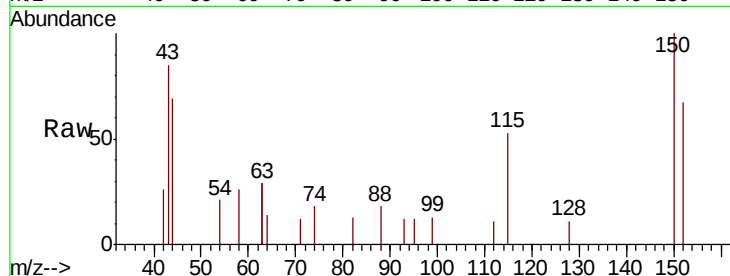
Tot Ion:152 Resp: 720

Ion Ratio Lower Upper

152 100

150 149.1 122.5 183.7

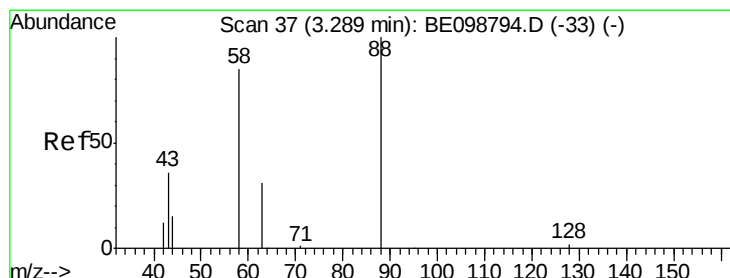
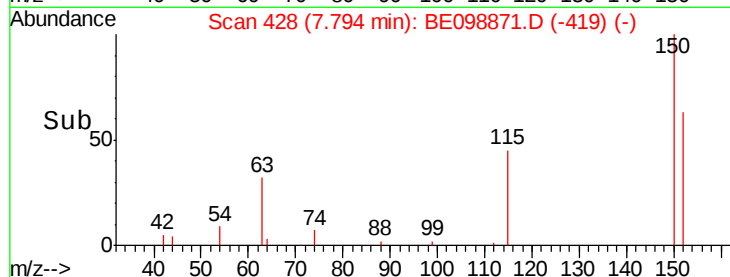
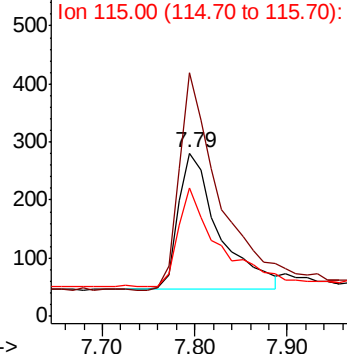
115 78.3 57.4 86.2



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: 7.377 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098871.D

Acq: 11 Mar 2019 20:46

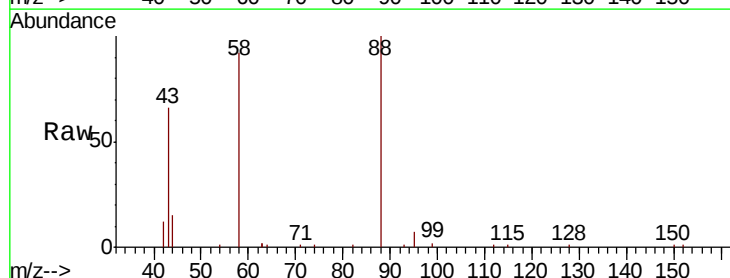
Tgt Ion: 88 Resp: 8293

Ion Ratio Lower Upper

88 100

58 95.3 75.8 113.6

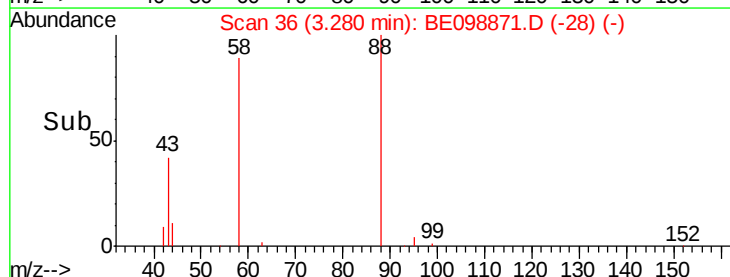
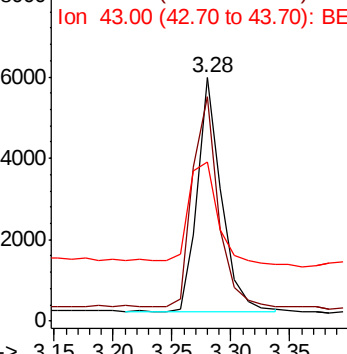
43 52.4 41.8 62.8



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





#4

2-Fluorophenol

Concen: 0.152 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098871.D

Acq: 11 Mar 2019 20:46

Instrument :

BNA_E

ClientSampleId :

TT101D-20190307

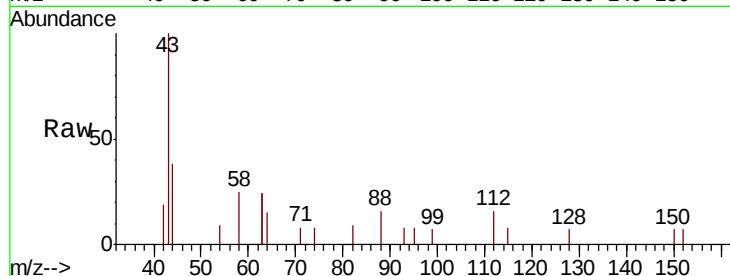
Tot Ion: 112 Resp: 328

Ion Ratio Lower Upper

112 100

64 78.0 57.9 86.9

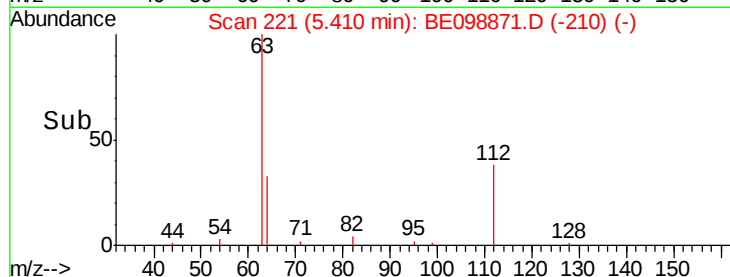
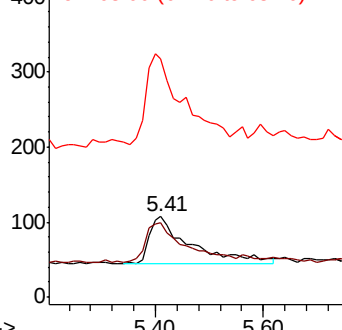
63 175.0 158.3 237.5



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: 0.075 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098871.D

Acq: 11 Mar 2019 20:46

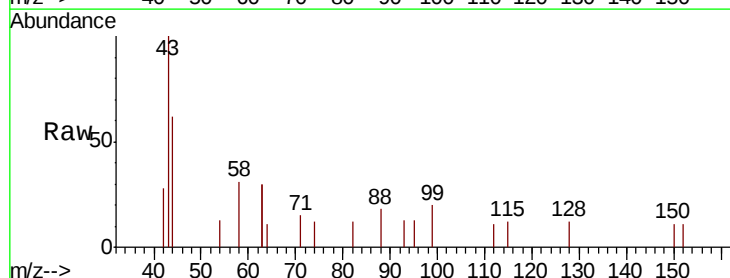
Tgt Ion: 99 Resp: 228

Ion Ratio Lower Upper

99 100

42 32.5 24.2 36.2

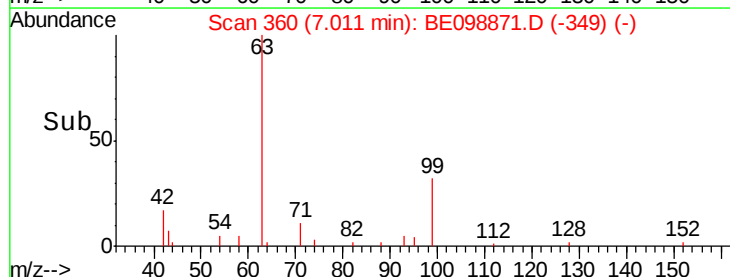
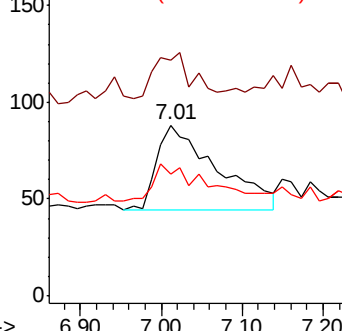
71 0.0 35.7 53.5#



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098871.D

Acq: 11 Mar 2019 20:46

Instrument :

BNA_E

ClientSampleId :

TT101D-20190307

Tot Ion:136 Resp: 3073

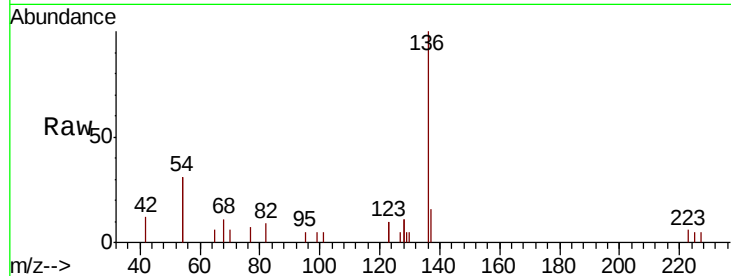
Ion Ratio Lower Upper

136 100

137 16.4 11.4 17.0

54 62.4 39.3 58.9#

68 10.5 6.7 10.1#

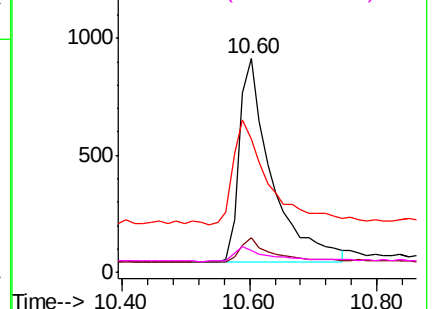
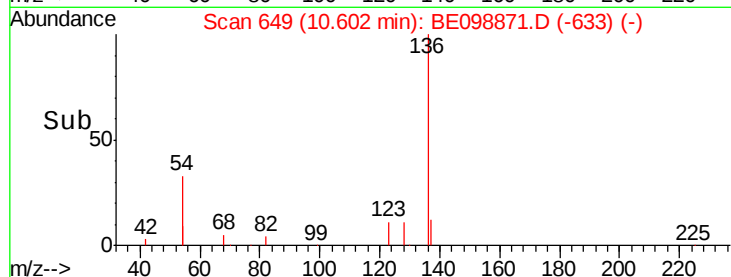


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.324 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098871.D

Acq: 11 Mar 2019 20:46

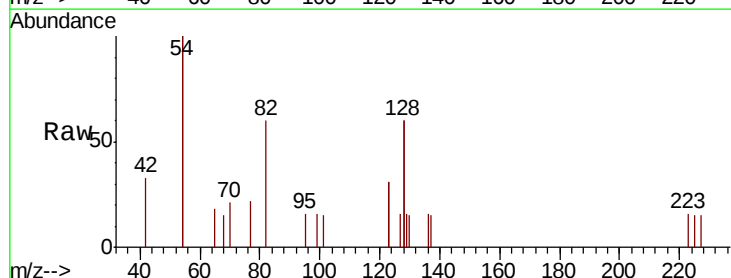
Tgt Ion: 82 Resp: 1044

Ion Ratio Lower Upper

82 100

128 201.1 123.8 185.8#

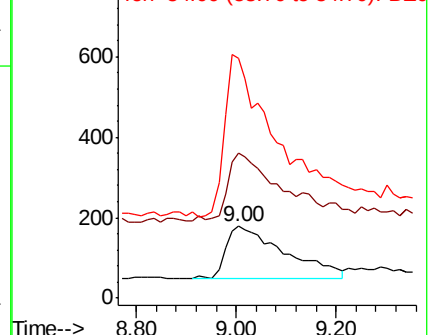
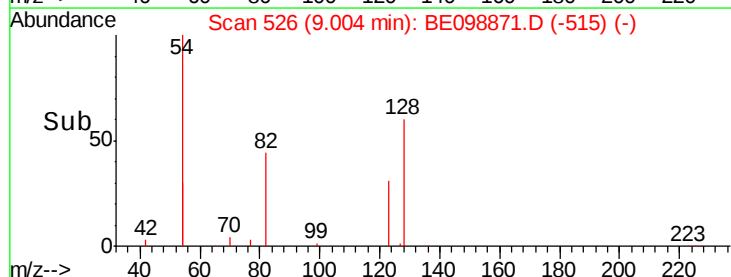
54 333.0 203.4 305.2#



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

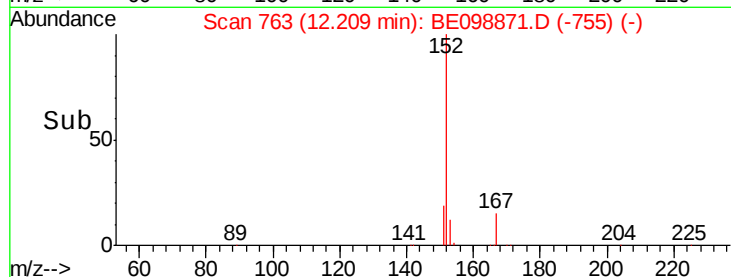
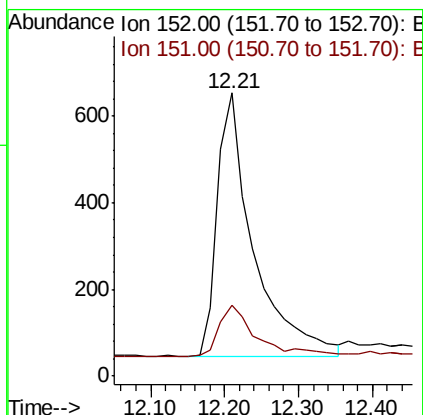
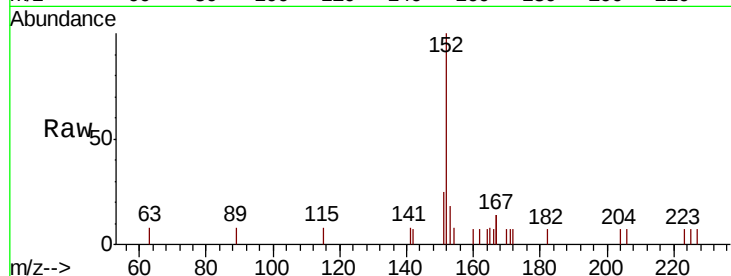




#11
 2-Methylnaphthalene-d10
 Concen: 0.365 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098871.D
 Acq: 11 Mar 2019 20:46

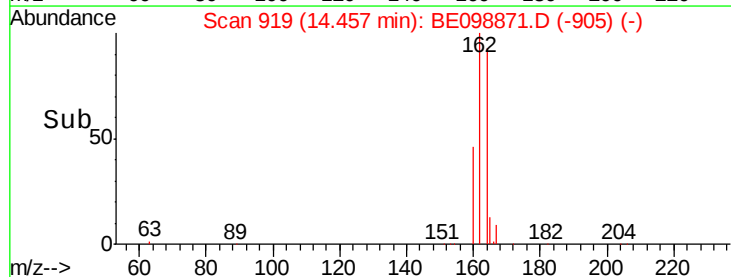
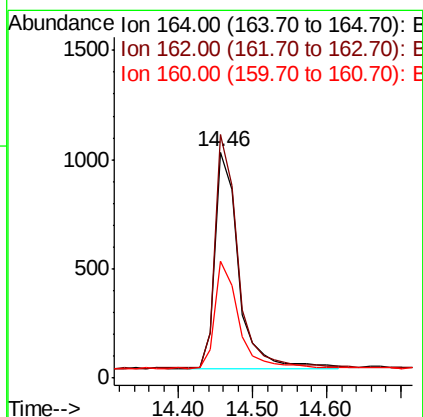
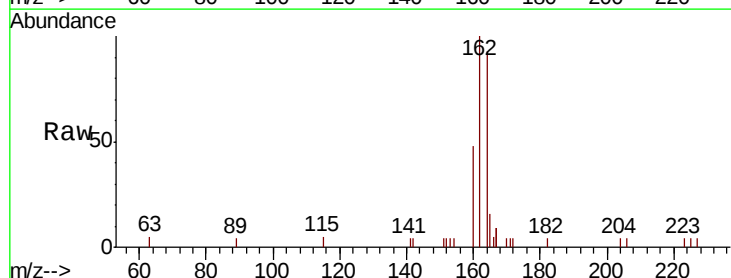
Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190307

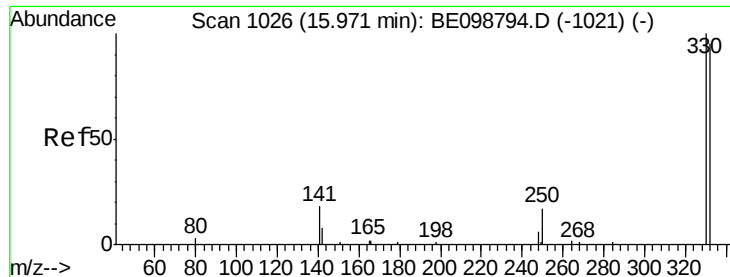
Tot Ion:152 Resp: 2076
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098871.D
 Acq: 11 Mar 2019 20:46

Tgt Ion:164 Resp: 2186
 Ion Ratio Lower Upper
 164 100
 162 107.7 80.2 120.2
 160 51.7 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.338 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098871.D

Acq: 11 Mar 2019 20:46

Instrument :

BNA_E

ClientSampleId :

TT101D-20190307

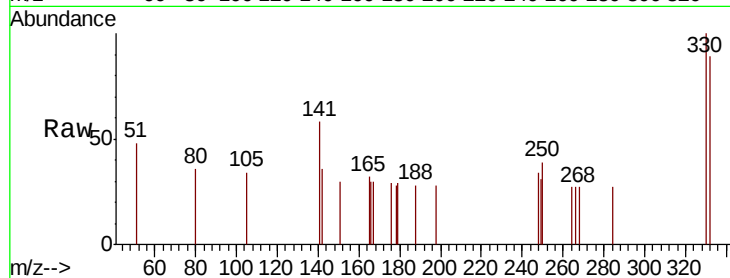
Tot Ion:330 Resp: 373

Ion Ratio Lower Upper

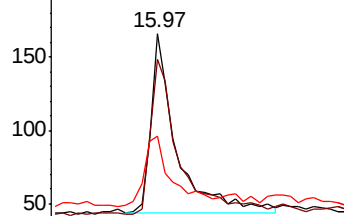
330 100

332 97.3 77.6 116.4

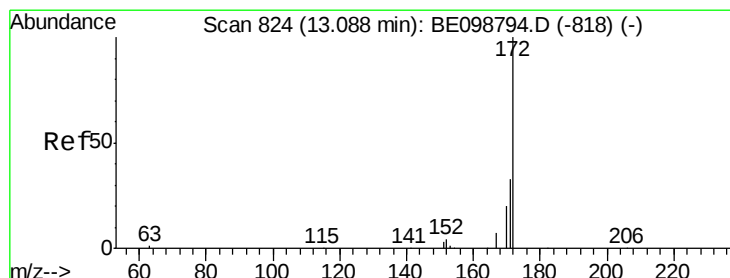
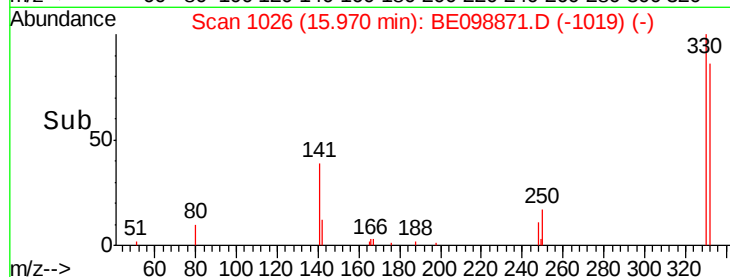
141 43.2 31.0 46.4



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



Time--> 15.80 16.00 16.20



#15

2-Fluorobiphenyl

Concen: 0.413 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098871.D

Acq: 11 Mar 2019 20:46

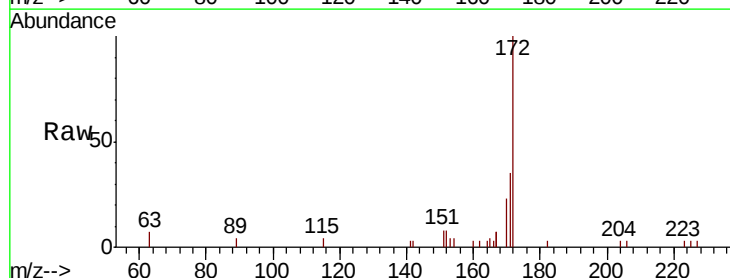
Tgt Ion:172 Resp: 3734

Ion Ratio Lower Upper

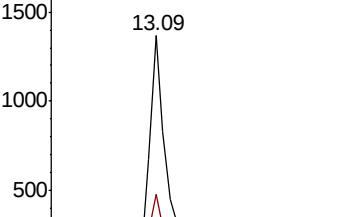
172 100

171 34.6 28.0 42.0

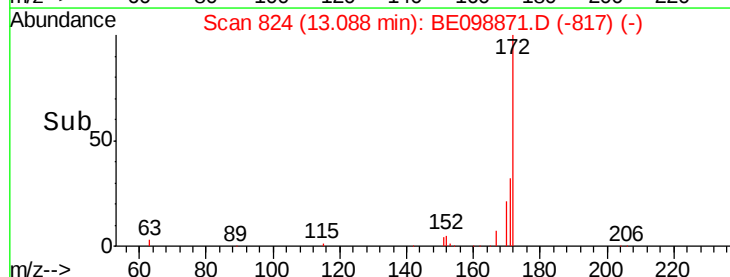
170 23.4 17.7 26.5



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



Time--> 13.00 13.20 13.40





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098871.D

Acq: 11 Mar 2019 20:46

Instrument :

BNA_E

ClientSampleId :

TT101D-20190307

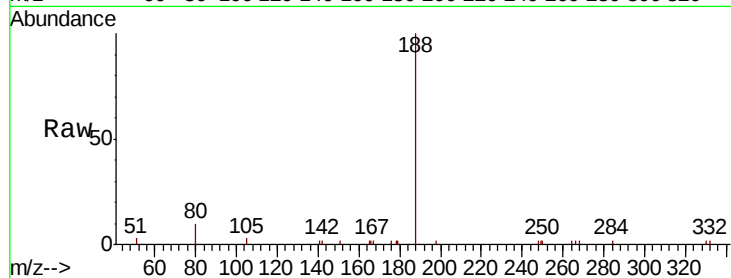
Tot Ion:188 Resp: 5828

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

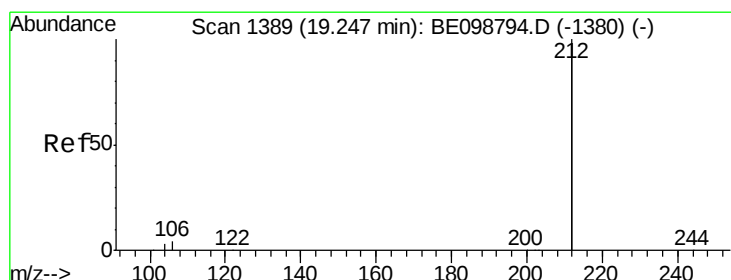
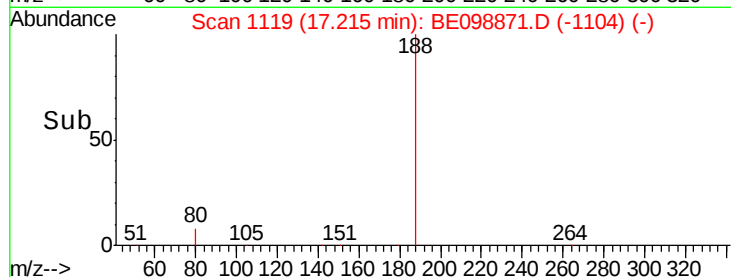
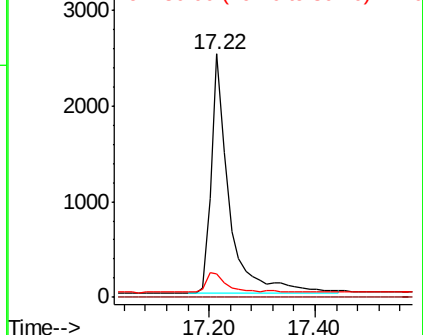
80 9.8 6.3 9.5#



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: 0.347 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE098871.D

Acq: 11 Mar 2019 20:46

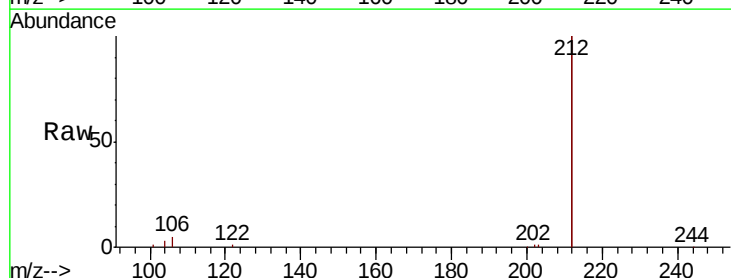
Tgt Ion:212 Resp: 32297

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

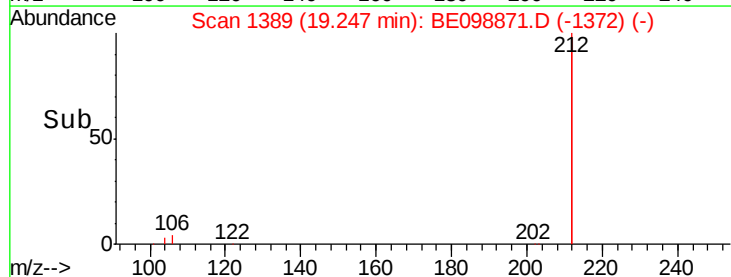
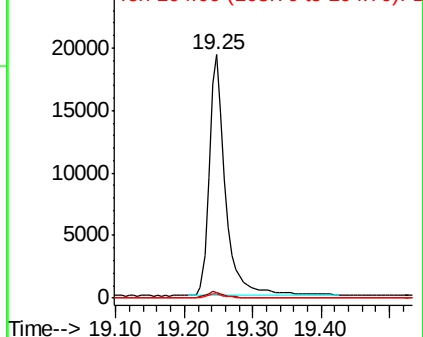
104 1.3 1.0 1.6



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

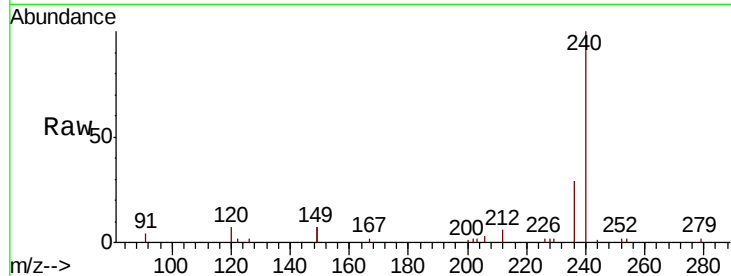




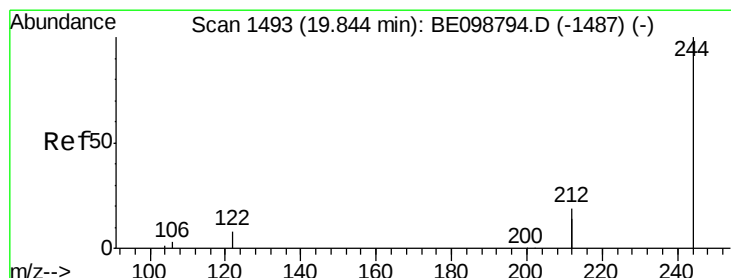
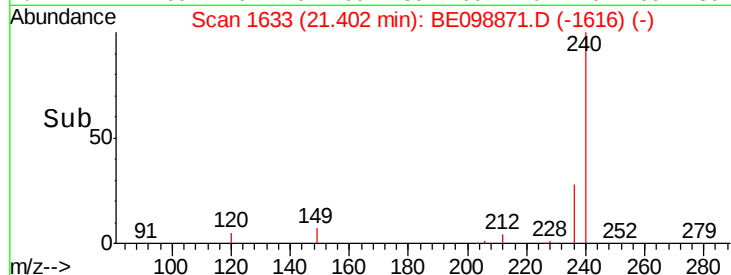
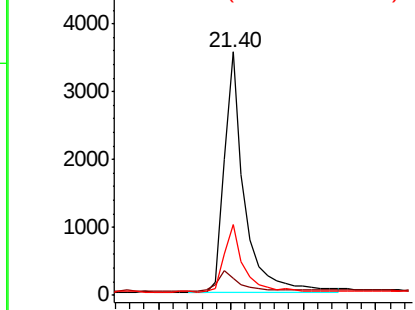
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098871.D
 Acq: 11 Mar 2019 20:46

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190307

Tot Ion:240 Resp: 6876
 Ion Ratio Lower Upper
 240 100
 120 7.1 5.0 7.4
 236 29.1 22.7 34.1

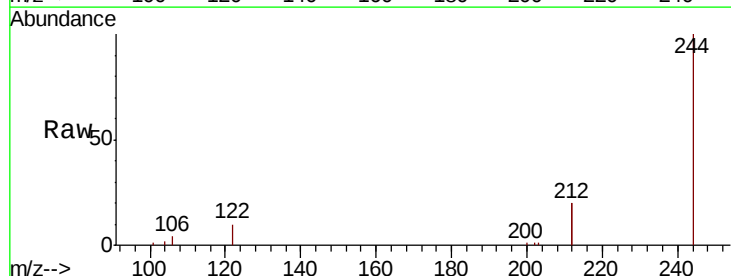


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

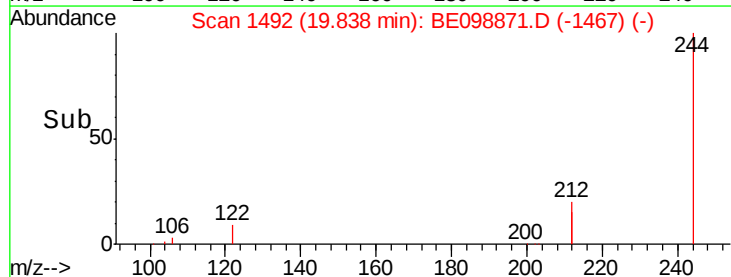
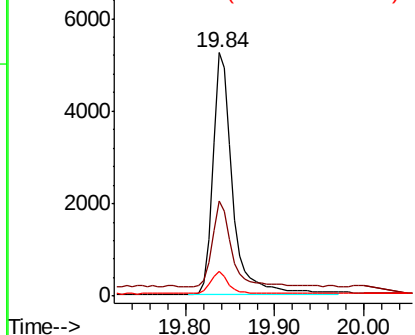


#29
 Terphenyl-d14
 Concen: 0.474 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE098871.D
 Acq: 11 Mar 2019 20:46

Tgt Ion:244 Resp: 7918
 Ion Ratio Lower Upper
 244 100
 212 39.3 29.4 44.2
 122 10.3 7.1 10.7



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: 0.044 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098871.D

Acq: 11 Mar 2019 20:46

Instrument :

BNA_E

ClientSampleId :

TT101D-20190307

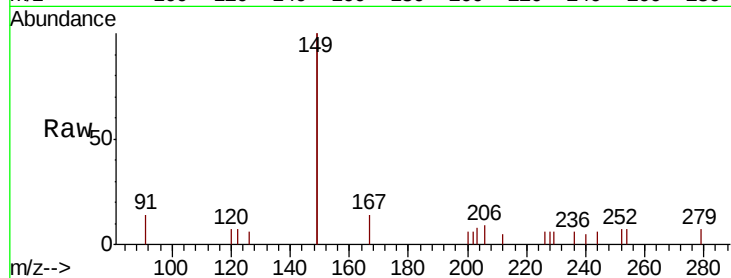
Tot Ion:149 Resp: 2031

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

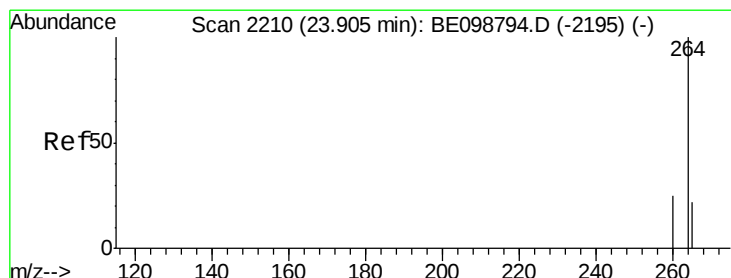
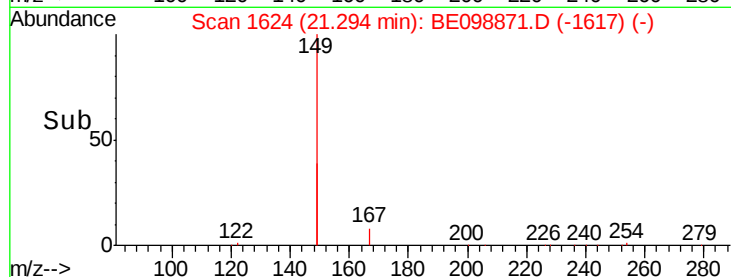
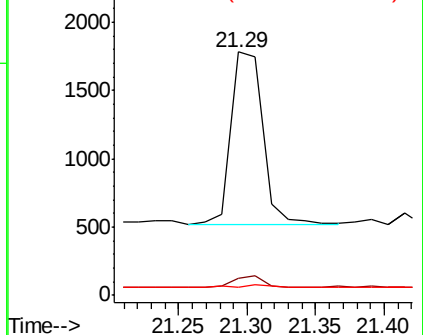
279 2.1 1.0 1.4#



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: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098871.D

Acq: 11 Mar 2019 20:46

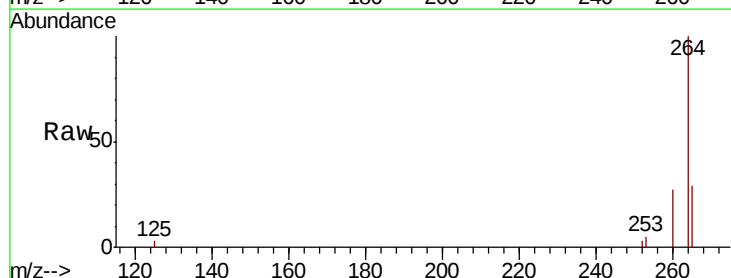
Tgt Ion:264 Resp: 6649

Ion Ratio Lower Upper

264 100

260 26.7 21.2 31.8

265 28.9 24.6 36.8



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

