

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122018\
 Data File : BE098537.D
 Acq On : 20 Dec 2018 13:52
 Operator : SJ/JU
 Sample : J6357-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TWP-02

Quant Time: Dec 21 05:02:30 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	7.85	152	26234	0.40	ng	-0.01
7) Naphthalene-d8	10.64	136	118167	0.40	ng	-0.03
13) Acenaphthene-d10	14.52	164	97401	0.40	ng	-0.01
19) Phenanthrene-d10	17.26	188	331280	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	543338	0.40	ng	-0.01
34) Perylene-d12	23.99	264	520756	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	114852	1.87	ng	-0.01
5) Phenol-d6	7.02	99	115494	1.33	ng	-0.02
8) Nitrobenzene-d5	9.00	82	279529	2.60	ng	-0.01
11) 2-Methylnaphthalene-d10	12.25	152	21	0.00	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	219789	6.15	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	655758	1.60	ng	-0.01
25) Fluoranthene-d10	19.29	212	172	0.00	ng	-0.02
29) Terphenyl-d14	19.89	244	2136697	1.62	ng	-0.01

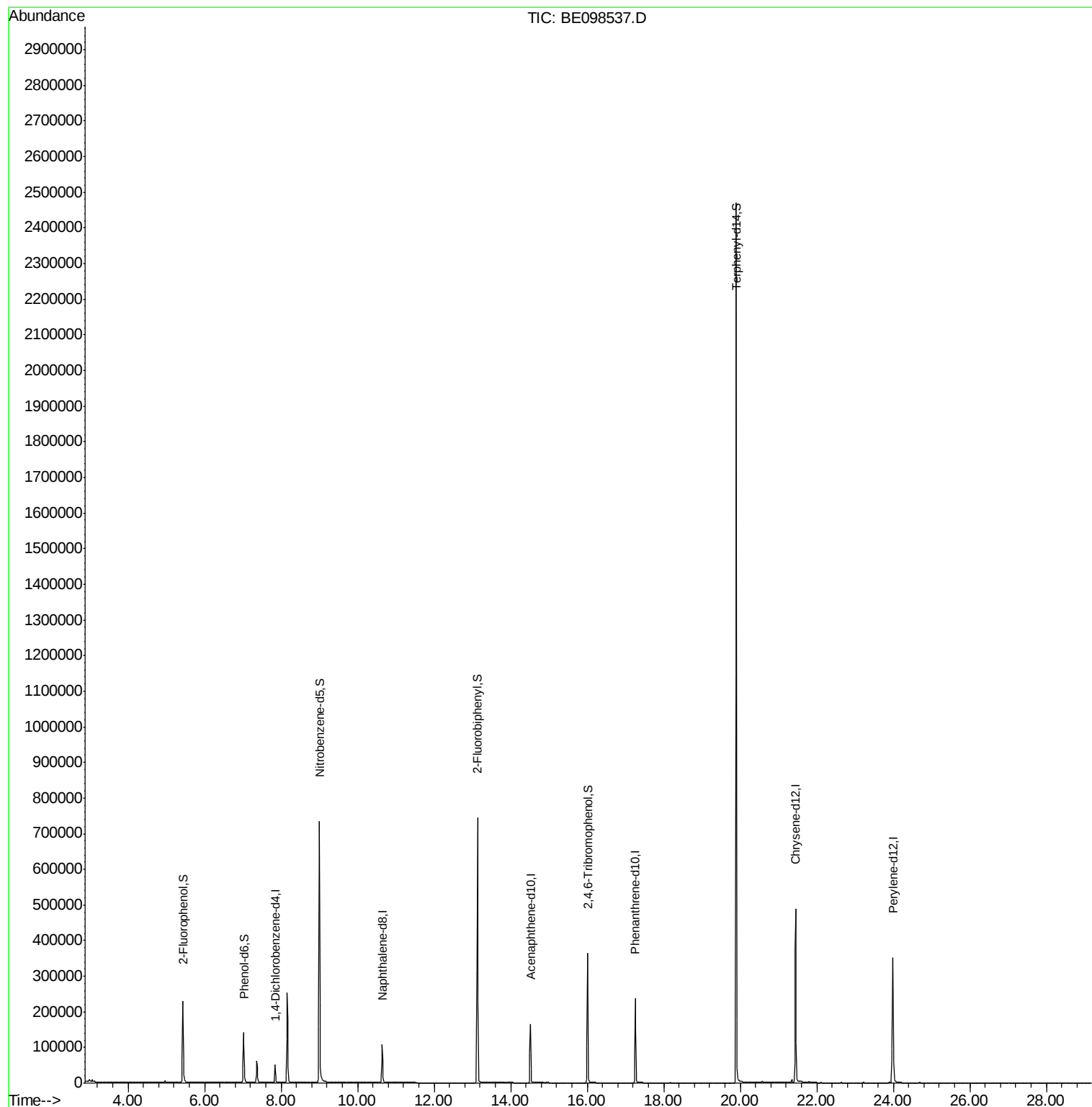
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098537.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_E

ClientSampleId :

TWP-02

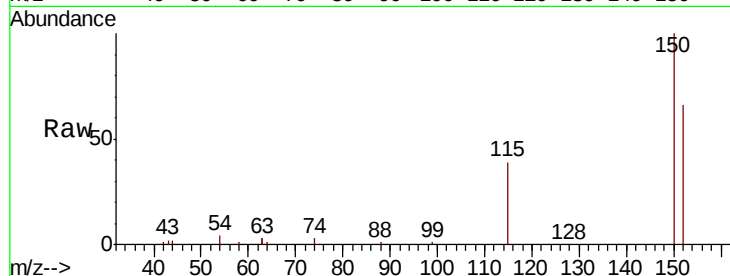
Tgt Ion:152 Resp: 26234

Ion Ratio Lower Upper

152 100

150 152.1 124.2 186.4

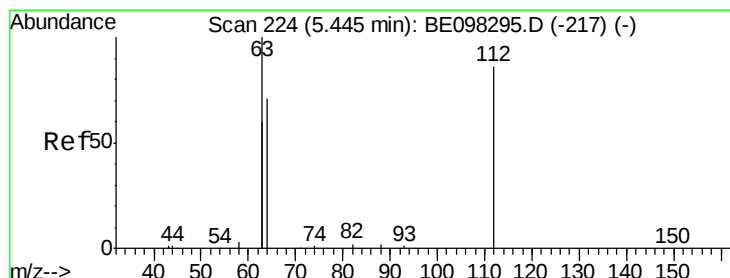
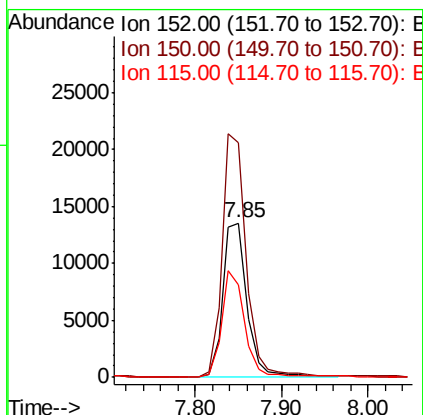
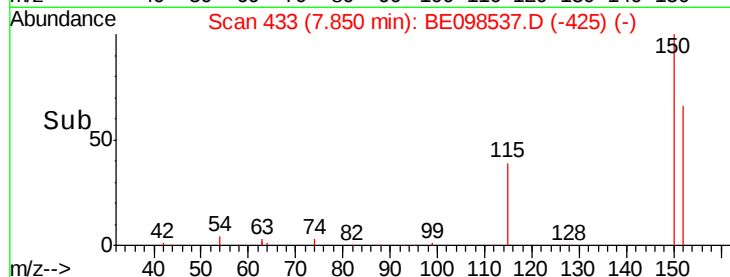
115 59.8 53.9 80.9



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



#4

2-Fluorophenol

Concen: 1.871 ng

RT: 5.43 min Scan# 223

Delta R.T. -0.01 min

Lab File: BE098537.D

Acq: 20 Dec 2018 13:52

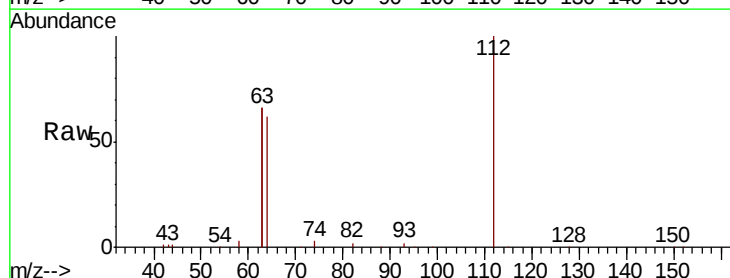
Tgt Ion:112 Resp: 114852

Ion Ratio Lower Upper

112 100

64 78.2 59.8 89.8

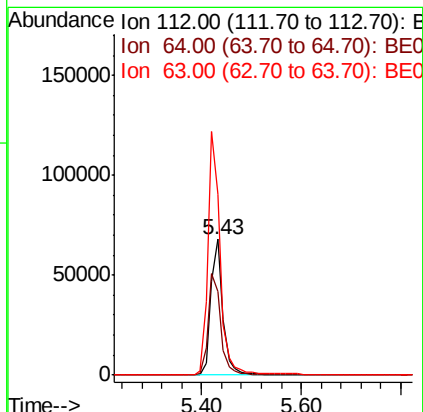
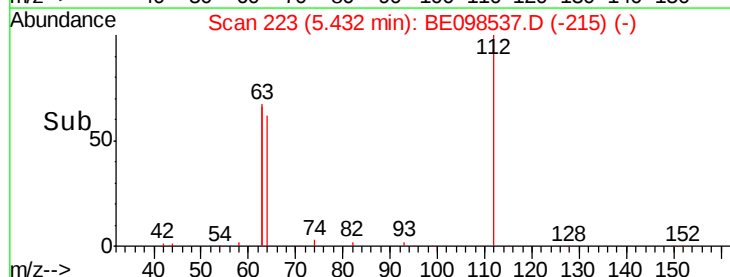
63 179.5 133.7 200.5

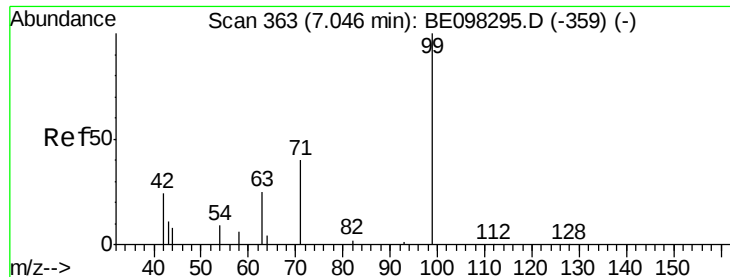


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.328 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.02 min

Lab File: BE098537.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_E

ClientSampleId :

TWP-02

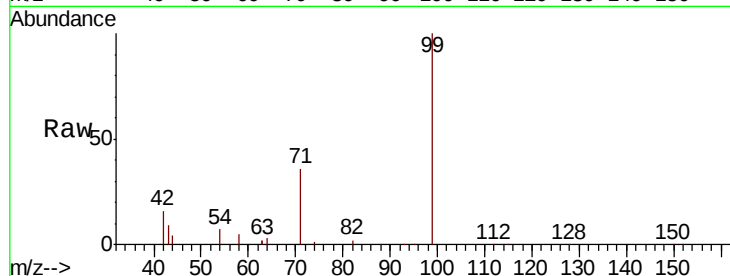
Tgt Ion: 99 Resp: 115494

Ion Ratio Lower Upper

99 100

42 30.4 26.3 39.5

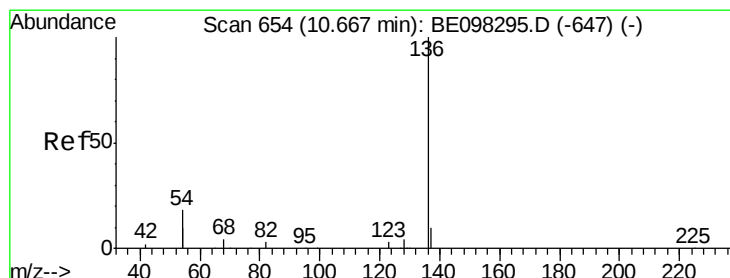
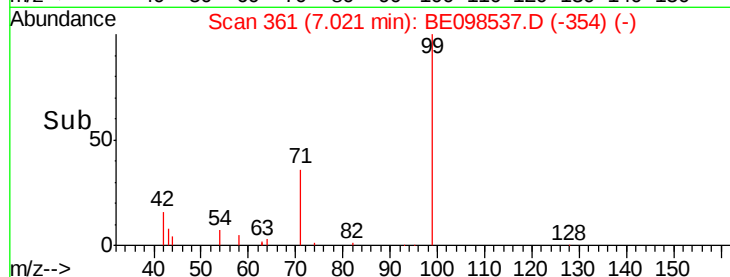
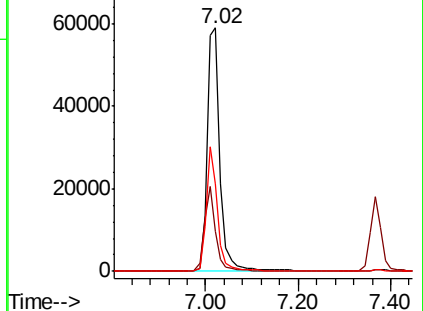
71 44.8 33.6 50.4



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: 10.64 min Scan# 652

Delta R.T. -0.03 min

Lab File: BE098537.D

Acq: 20 Dec 2018 13:52

Tgt Ion: 136 Resp: 118167

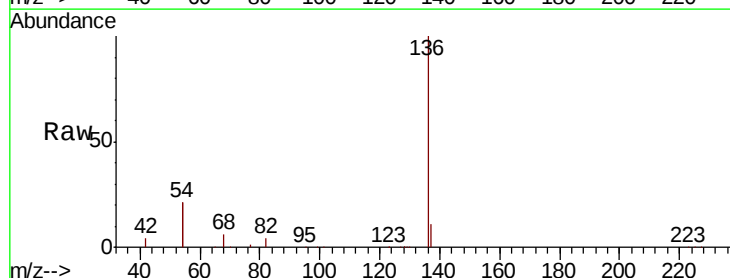
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 42.7 28.4 42.6#

68 6.1 5.4 8.0

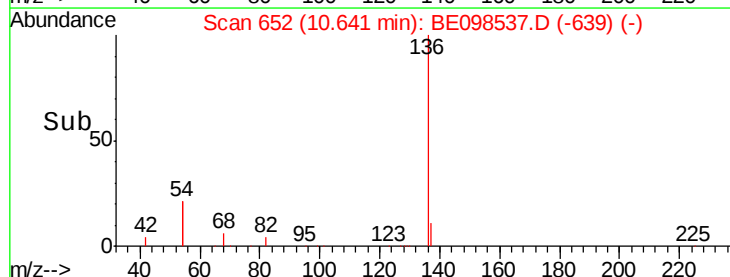
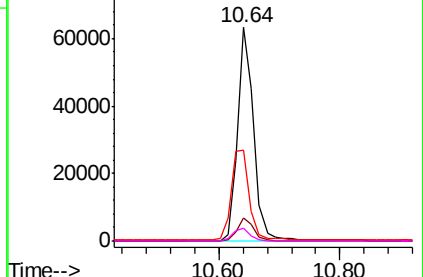


Abundance Ion 136.00 (135.70 to 136.70): E

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

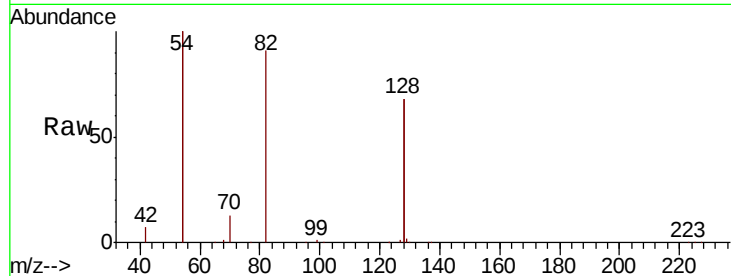




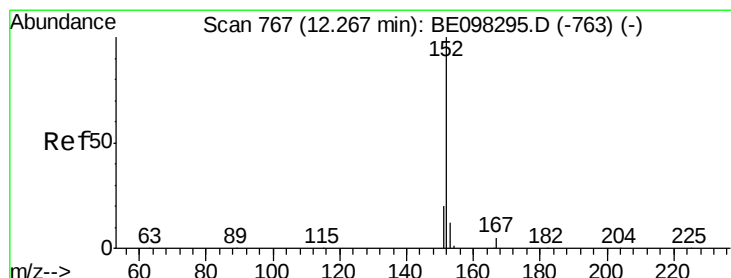
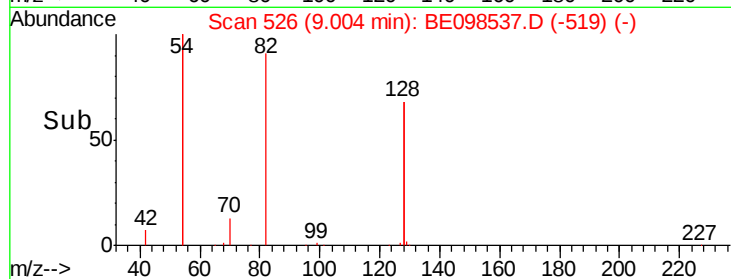
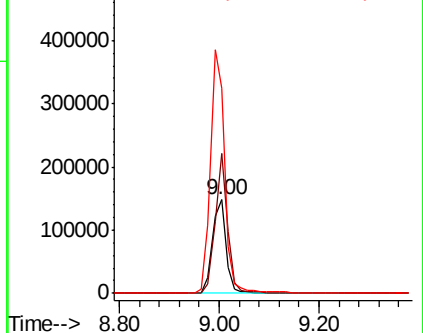
#8
 Nitrobenzene-d5
 Concen: 2.599 ng
 RT: 9.00 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BE098537.D
 Acq: 20 Dec 2018 13:52

Instrument :
 BNA_E
 ClientSampleId :
 TWP-02

Tgt Ion: 82 Resp: 279529
 Ion Ratio Lower Upper
 82 100
 128 149.2 102.4 153.6
 54 219.8 221.8 332.8#

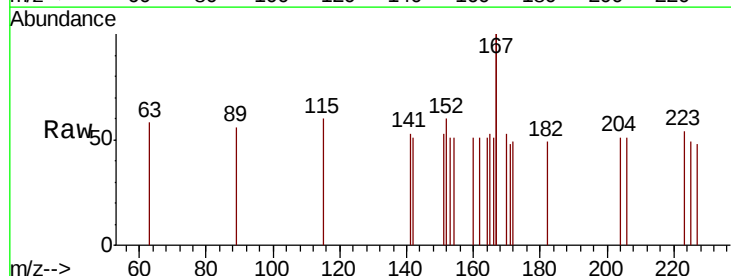


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

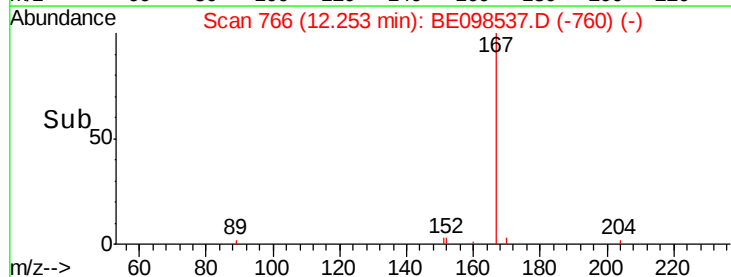
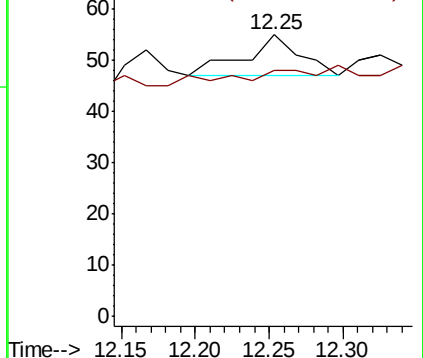


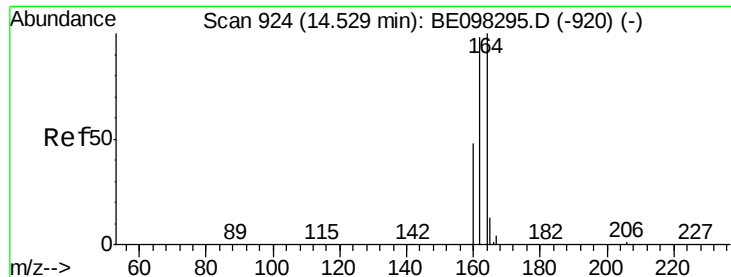
#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098537.D
 Acq: 20 Dec 2018 13:52

Tgt Ion: 152 Resp: 21
 Ion Ratio Lower Upper
 152 100
 151 57.1 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

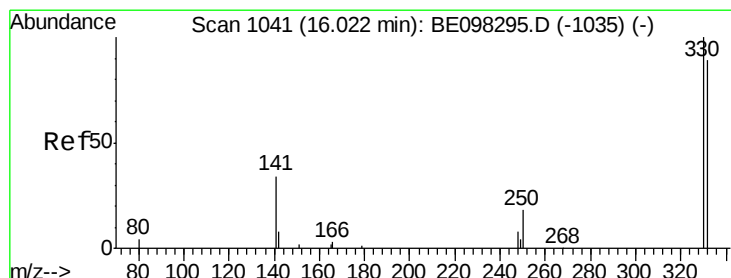
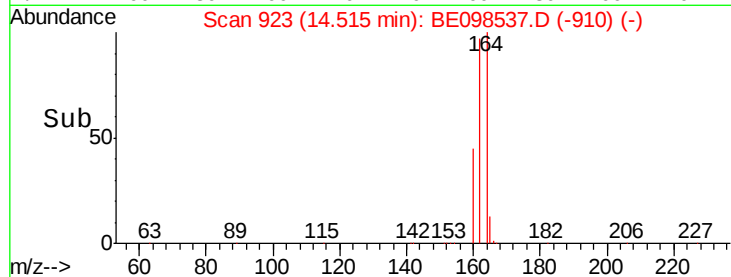
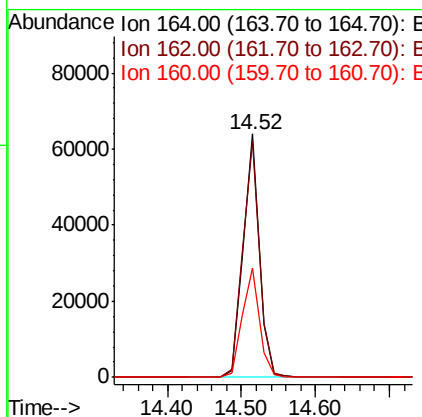
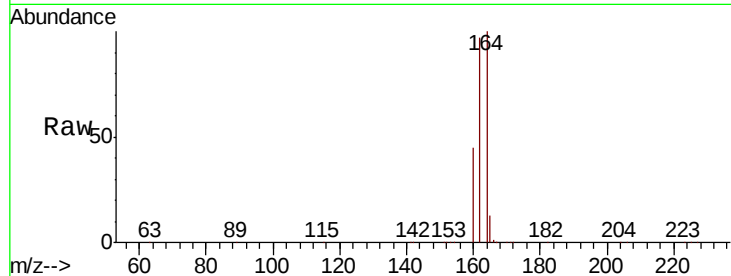




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098537.D
 Acq: 20 Dec 2018 13:52

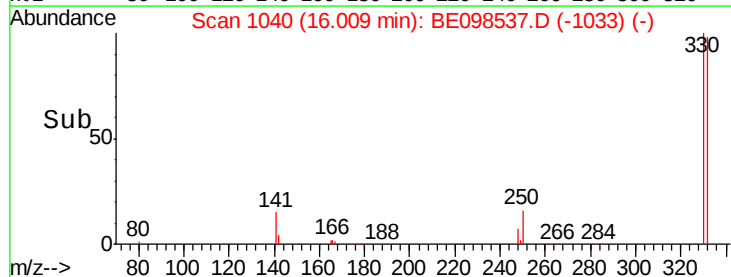
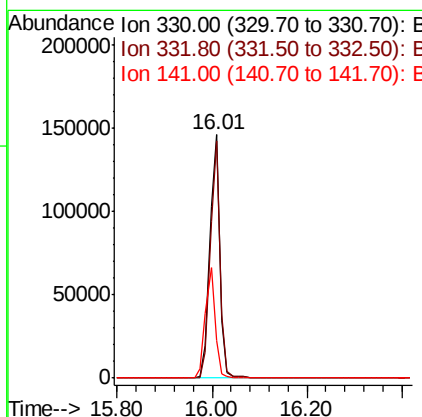
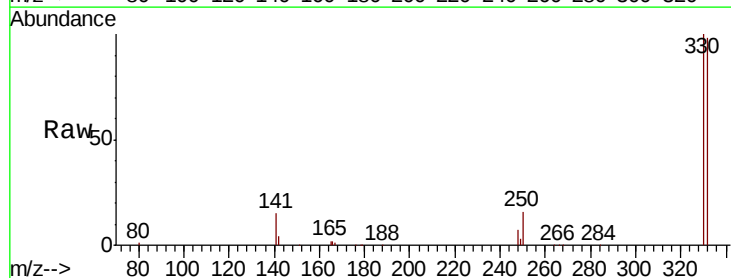
Instrument :
 BNA_E
 ClientSampleId :
 TWP-02

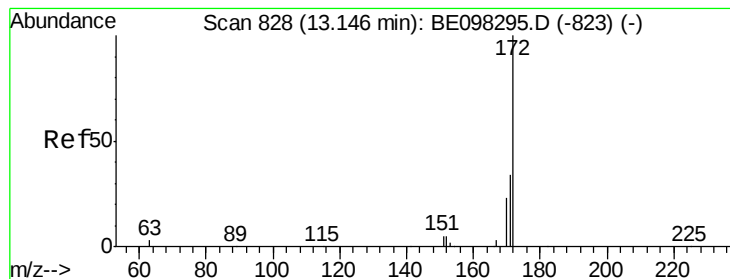
Tgt Ion:164 Resp: 97401
 Ion Ratio Lower Upper
 164 100
 162 96.9 77.6 116.4
 160 44.8 36.0 54.0



#14
 2,4,6-Tribromophenol
 Concen: 6.146 ng
 RT: 16.01 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BE098537.D
 Acq: 20 Dec 2018 13:52

Tgt Ion:330 Resp: 219789
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.4
 141 44.0 39.0 58.4

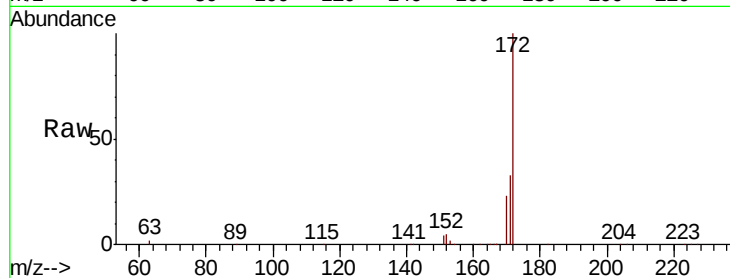




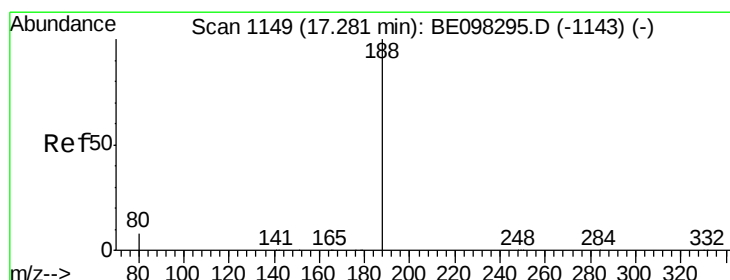
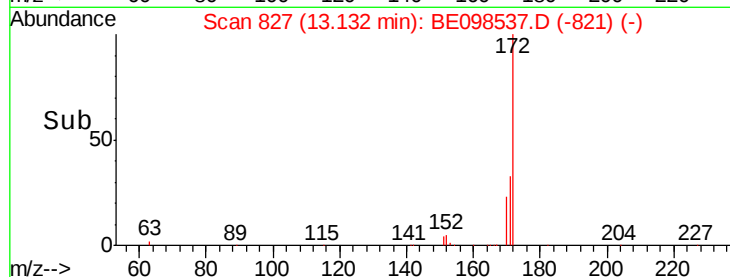
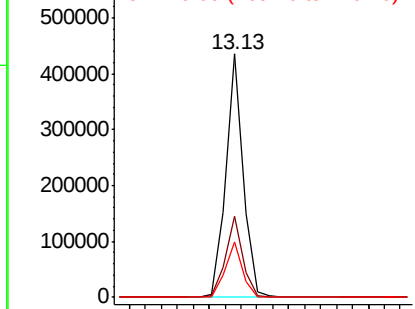
#15
2-Fluorobiphenyl
Concen: 1.596 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098537.D
Acq: 20 Dec 2018 13:52

Instrument :
BNA_E
ClientSampleId :
TWP-02

Tgt Ion:172 Resp: 655758
Ion Ratio Lower Upper
172 100
171 33.4 27.5 41.3
170 22.8 19.6 29.4

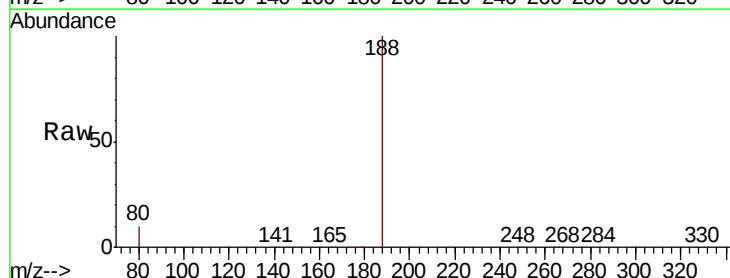


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

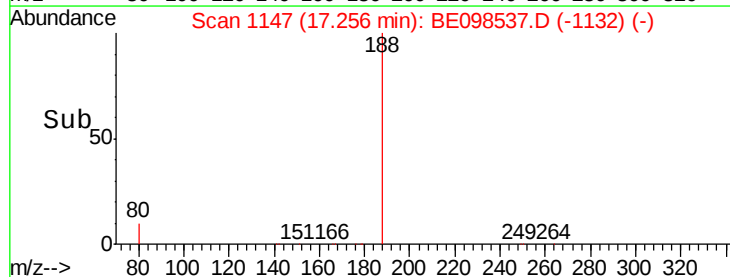
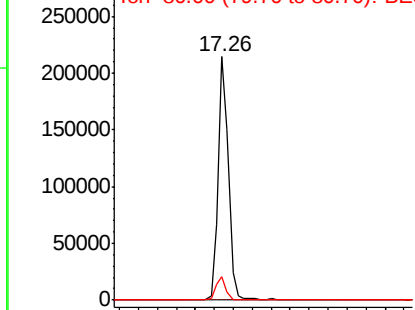


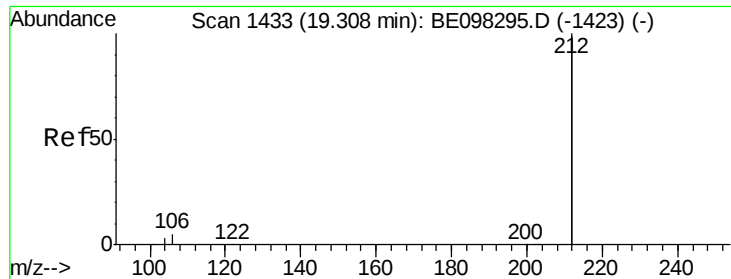
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098537.D
Acq: 20 Dec 2018 13:52

Tgt Ion:188 Resp: 331280
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 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

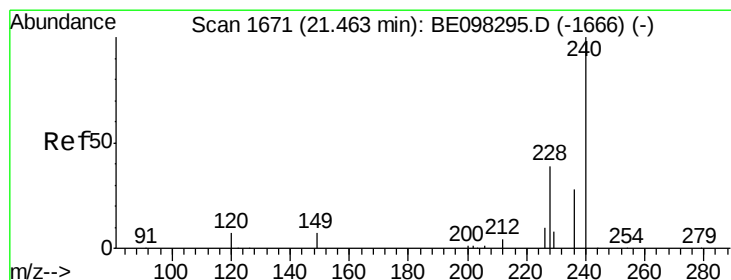
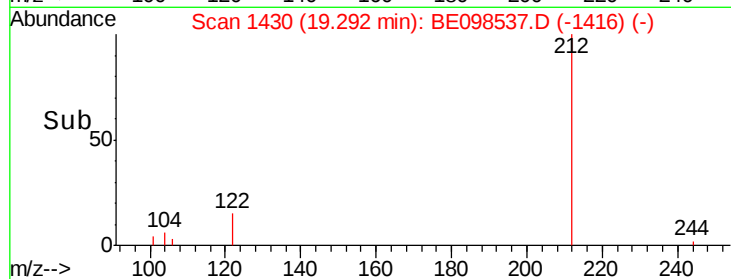
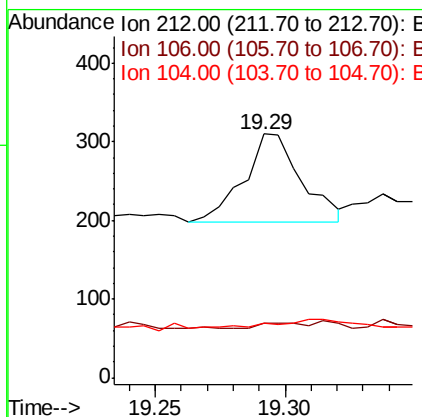
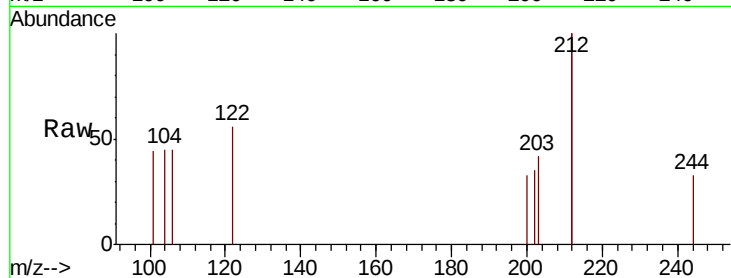




#25
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.29 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BE098537.D
Acq: 20 Dec 2018 13:52

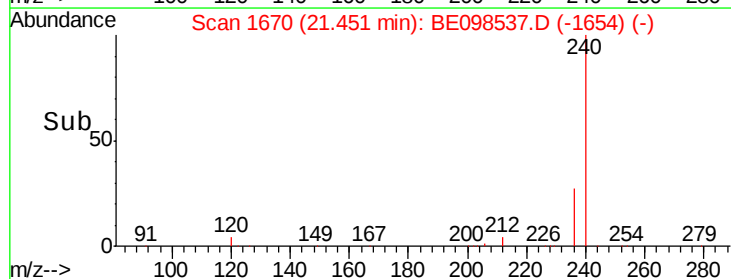
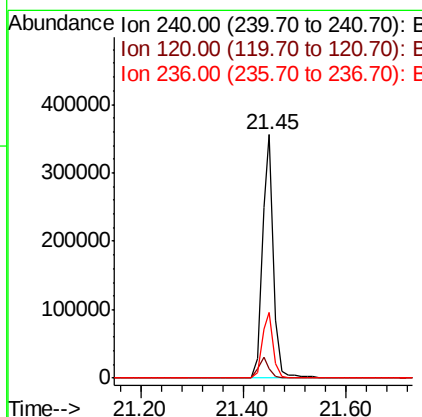
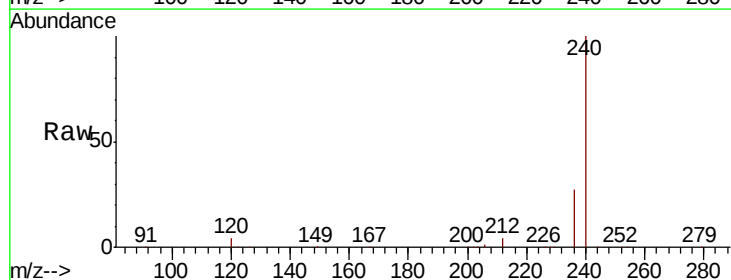
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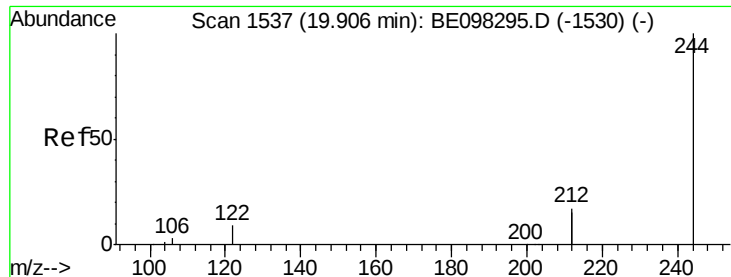
Tgt Ion: 212 Resp: 172
Ion Ratio Lower Upper
212 100
106 4.7 2.2 3.2#
104 14.5 1.3 1.9#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098537.D
Acq: 20 Dec 2018 13:52

Tgt Ion: 240 Resp: 543338
Ion Ratio Lower Upper
240 100
120 3.6 9.5 14.3#
236 27.0 22.7 34.1





#29

Terphenyl-d14

Concen: 1.618 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098537.D

Acq: 20 Dec 2018 13:52

Instrument :

BNA_E

ClientSampleId :

TWP-02

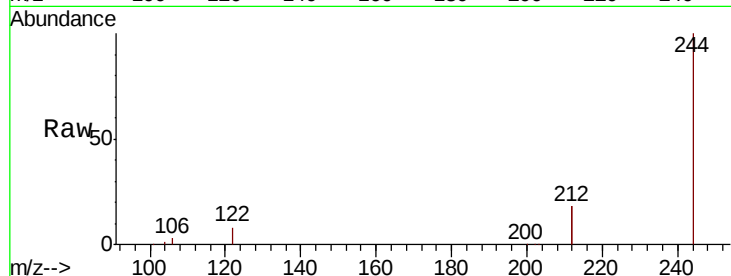
Tgt Ion:244 Resp: 2136697

Ion Ratio Lower Upper

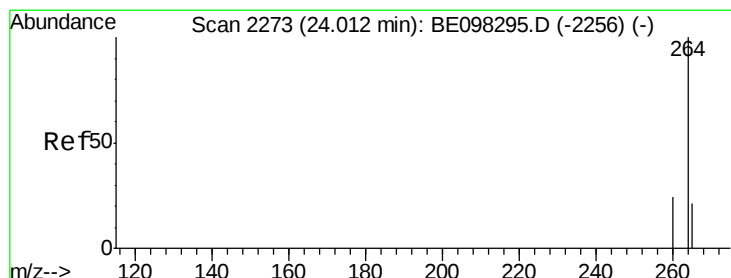
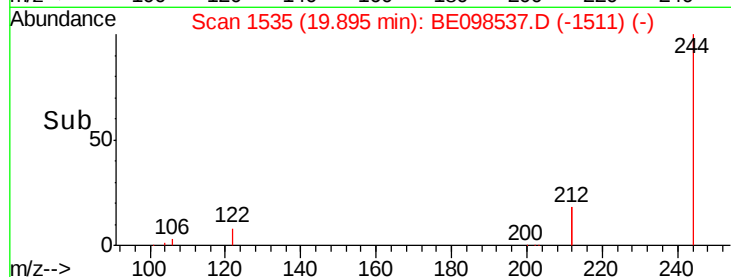
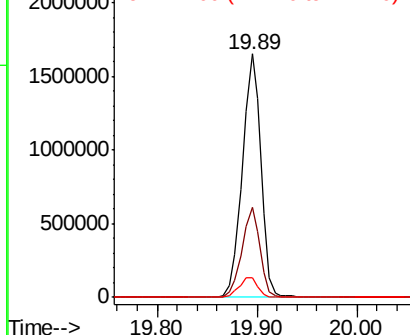
244 100

212 36.9 27.4 41.0

122 8.0 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

Perylene-d12

Concen: 0.400 ng

RT: 23.99 min Scan# 2266

Delta R.T. -0.02 min

Lab File: BE098537.D

Acq: 20 Dec 2018 13:52

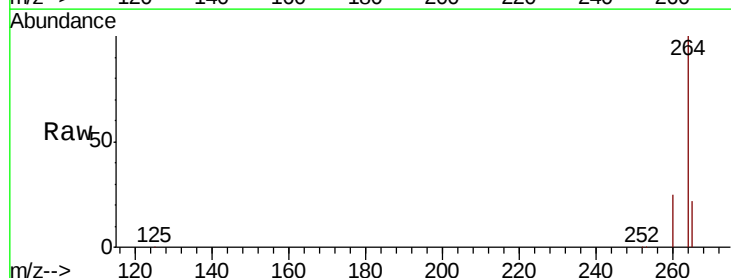
Tgt Ion:264 Resp: 520756

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

265 21.6 25.2 37.8#



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

