

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
 Data File : BE098388.D
 Acq On : 13 Dec 2018 9:32
 Operator : SJ/JU
 Sample : PB115545BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115545BL

Quant Time: Dec 13 10:47:51 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	1067	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4377	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2686	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7298	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8921	0.40	ng	0.00
34) Perylene-d12	24.00	264	8368	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1056	0.42	ng	0.01
5) Phenol-d6	7.06	99	1160	0.33	ng	0.01
8) Nitrobenzene-d5	9.05	82	984	0.25	ng	0.04
11) 2-Methylnaphthalene-d10	12.28	152	2110	0.30	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	259	0.26	ng	0.02
15) 2-Fluorobiphenyl	13.16	172	2952	0.26	ng	0.01
25) Fluoranthene-d10	19.31	212	29789	0.32	ng	0.00
29) Terphenyl-d14	19.91	244	4832	0.22	ng	0.00

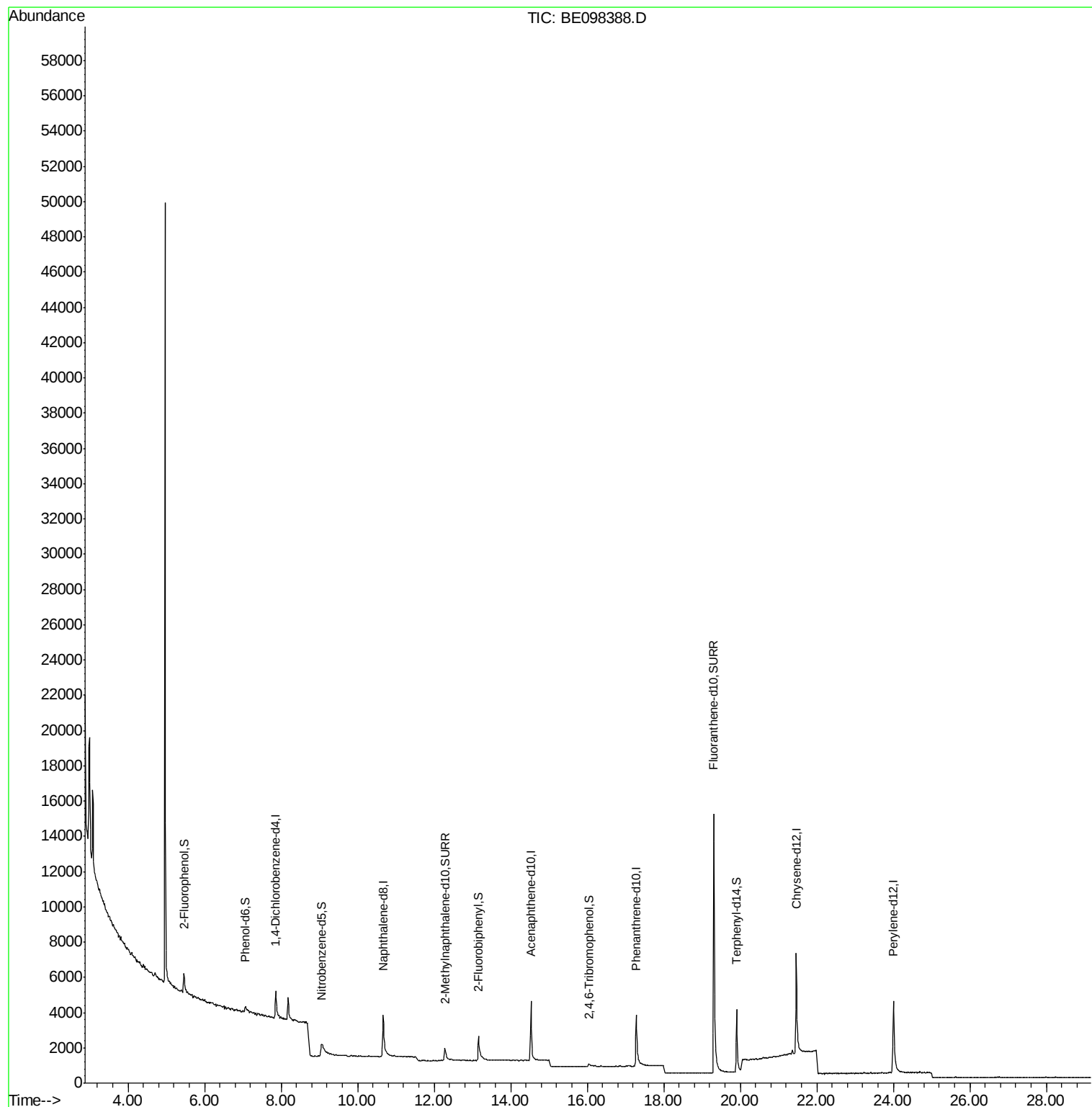
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098388.D

Acq: 13 Dec 2018 9:32

Instrument :

BNA_E

ClientSampleId :

PB115545BL

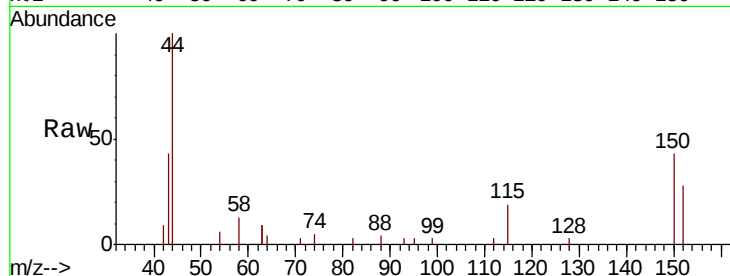
Tot Ion:152 Resp: 1067

Ion Ratio Lower Upper

152 100

150 154.4 124.2 186.4

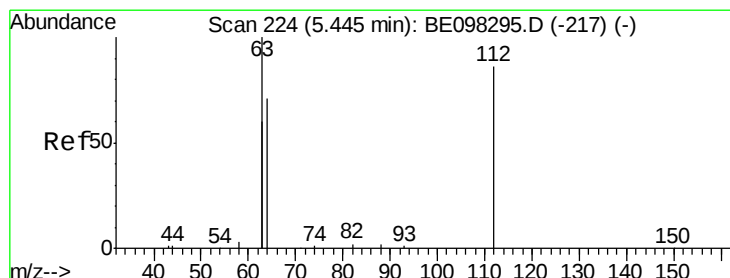
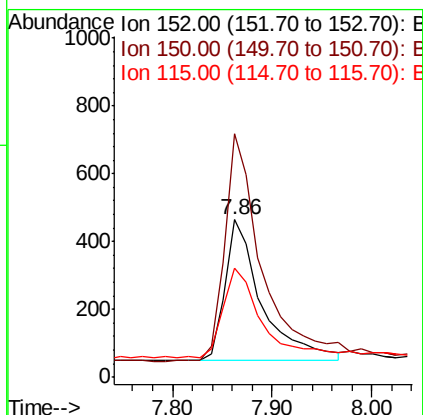
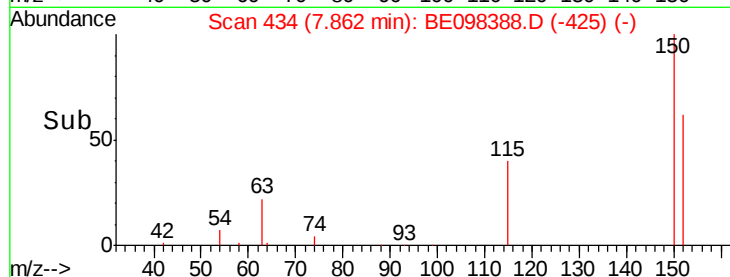
115 69.2 53.9 80.9



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: 0.423 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098388.D

Acq: 13 Dec 2018 9:32

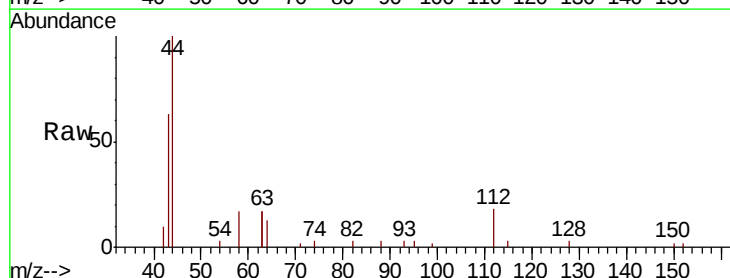
Tgt Ion:112 Resp: 1056

Ion Ratio Lower Upper

112 100

64 68.1 59.8 89.8

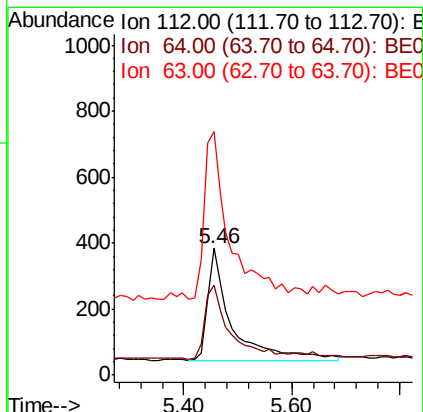
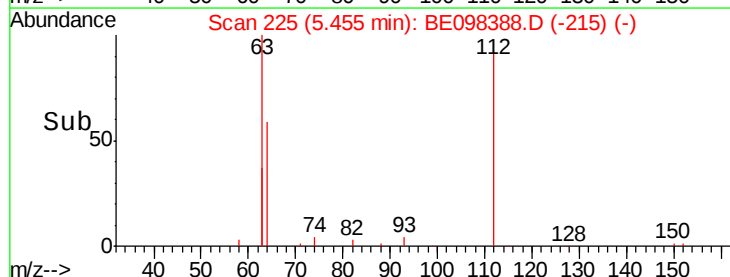
63 158.7 133.7 200.5

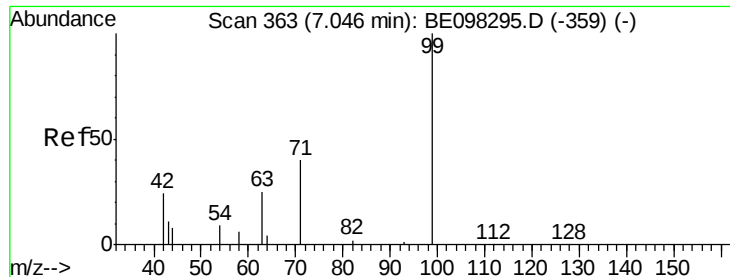


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.328 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098388.D

Acq: 13 Dec 2018 9:32

Instrument :

BNA_E

ClientSampleId :

PB115545BL

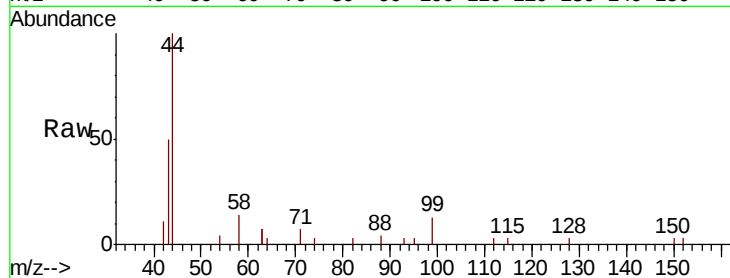
Tot Ion: 99 Resp: 1160

Ion Ratio Lower Upper

99 100

42 24.6 26.3 39.5#

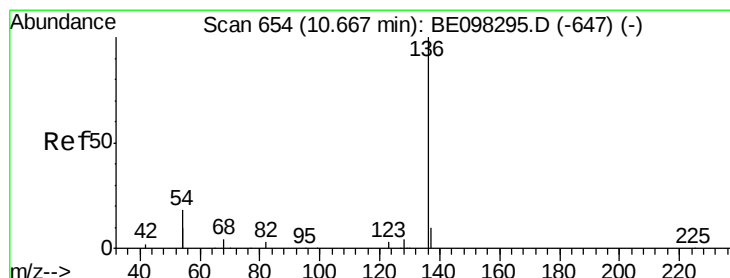
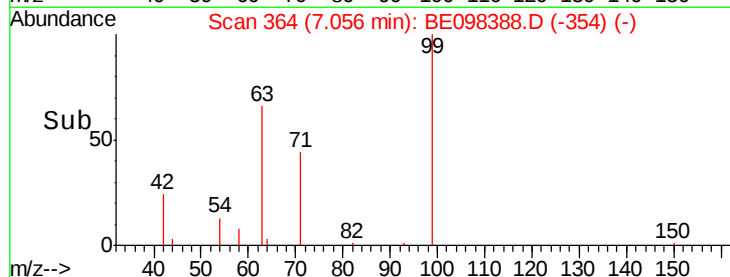
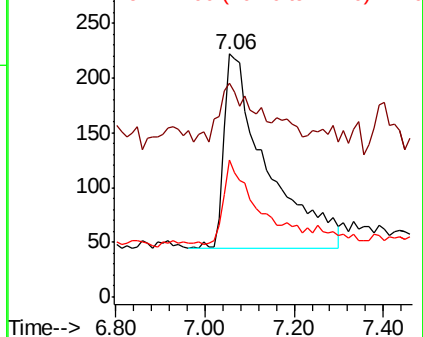
71 30.6 33.6 50.4#



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: BE098388.D

Acq: 13 Dec 2018 9:32

Tgt Ion: 136 Resp: 4377

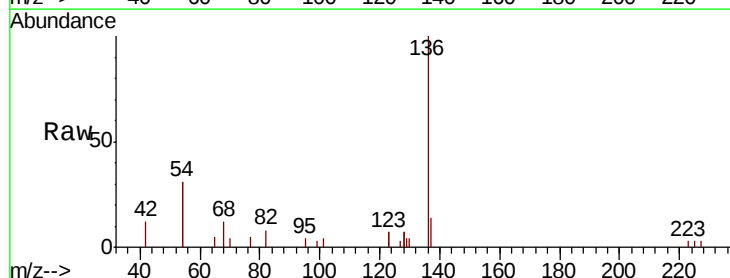
Ion Ratio Lower Upper

136 100

137 14.1 9.2 13.8#

54 62.6 28.4 42.6#

68 11.7 5.4 8.0#

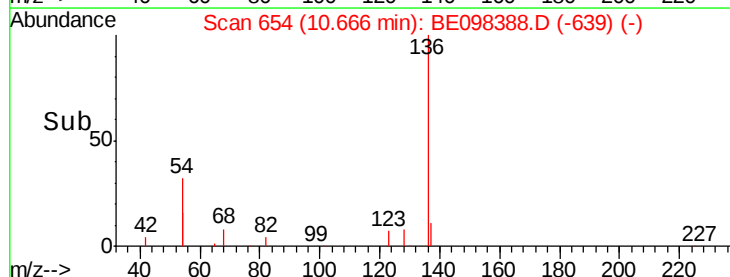
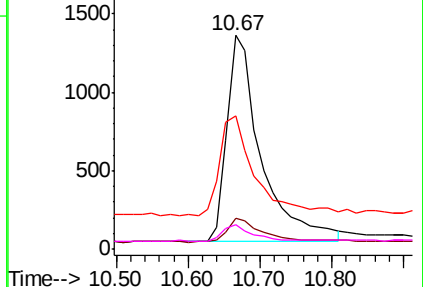


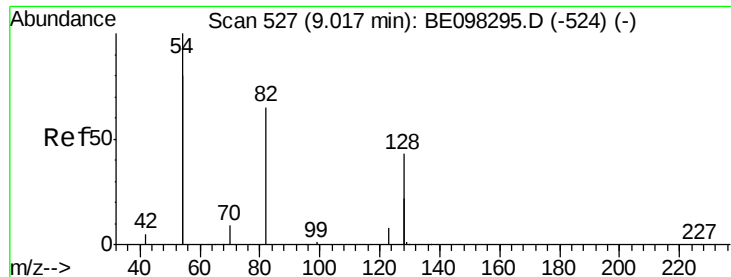
Abundance Ion 136.00 (135.70 to 136.70): E

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

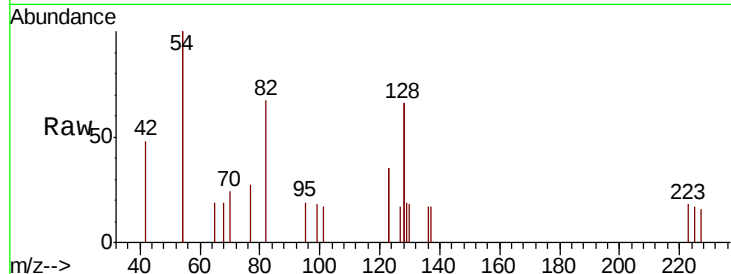




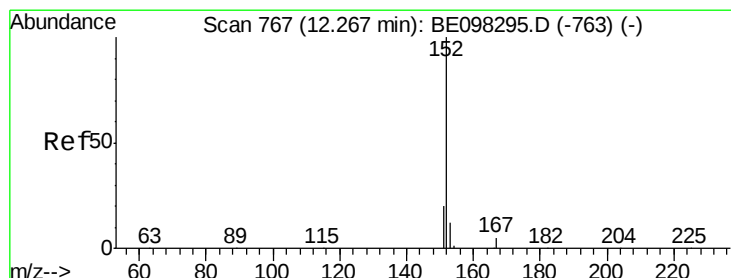
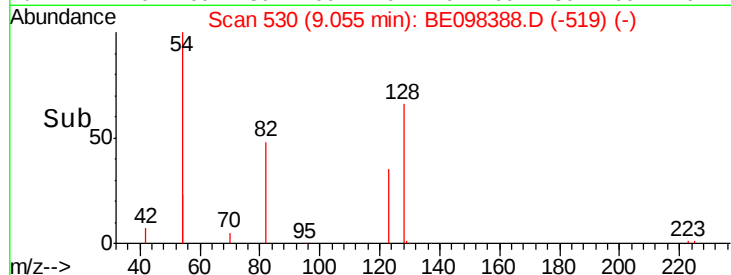
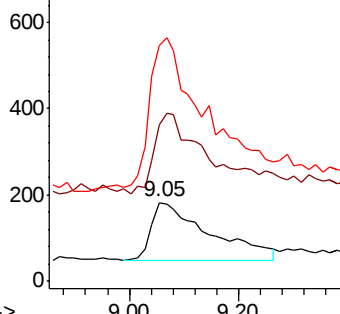
#8
 Nitrobenzene-d5
 Concen: 0.247 ng
 RT: 9.05 min Scan# 530
 Delta R.T. 0.04 min
 Lab File: BE098388.D
 Acq: 13 Dec 2018 9:32

Instrument :
 BNA_E
 ClientSampleId :
 PB115545BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	198.9	102.4	153.6#
54	300.0	221.8	332.8

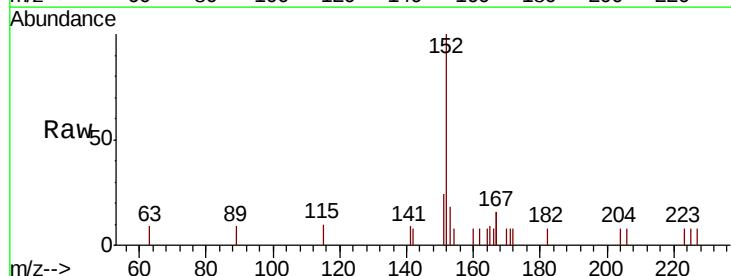


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

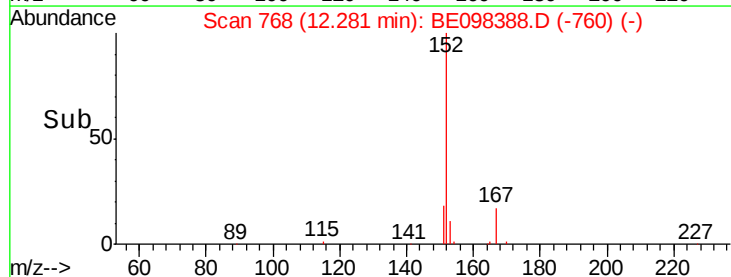
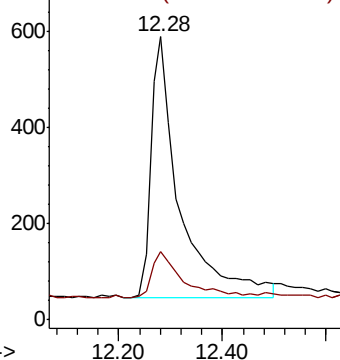


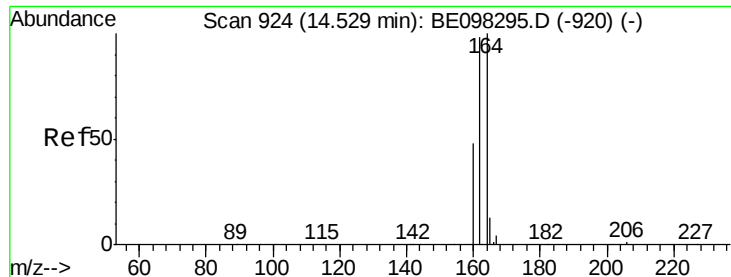
#11
 2-Methylnaphthalene-d10
 Concen: 0.296 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE098388.D
 Acq: 13 Dec 2018 9:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4



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

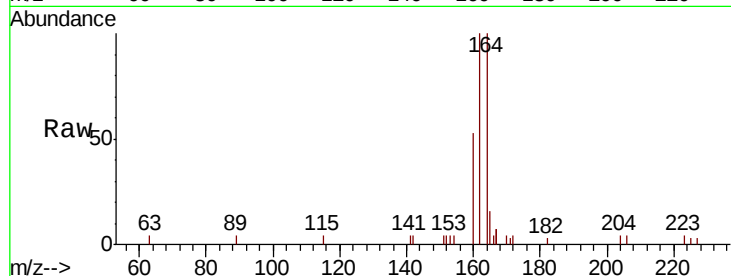




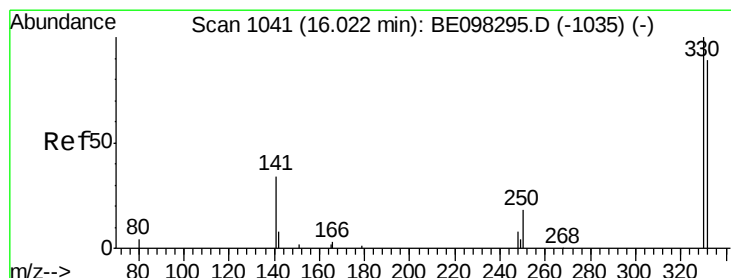
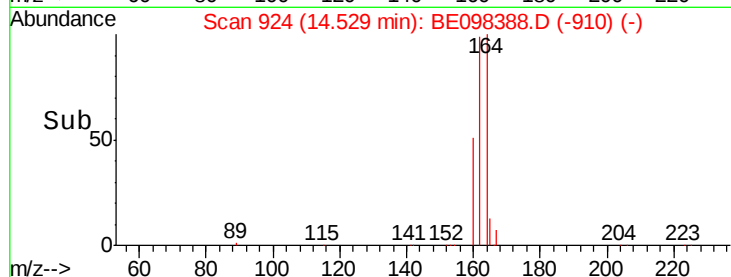
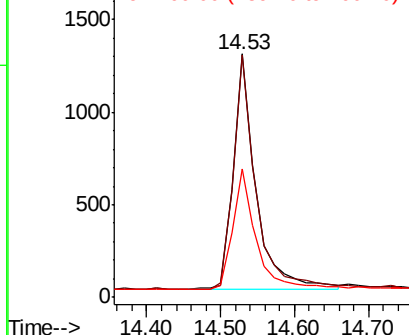
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_E
ClientSampleId :
PB115545BL

Tot Ion:164 Resp: 2686
Ion Ratio Lower Upper
164 100
162 99.6 77.6 116.4
160 52.6 36.0 54.0

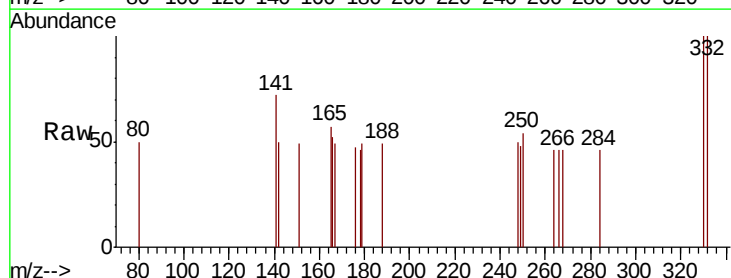


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

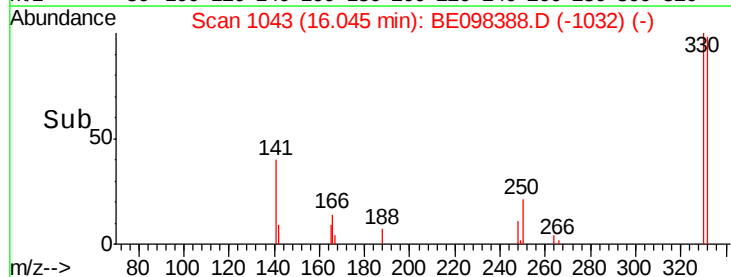
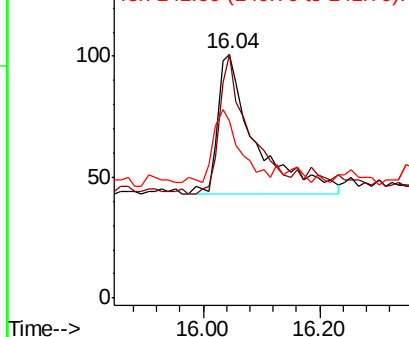


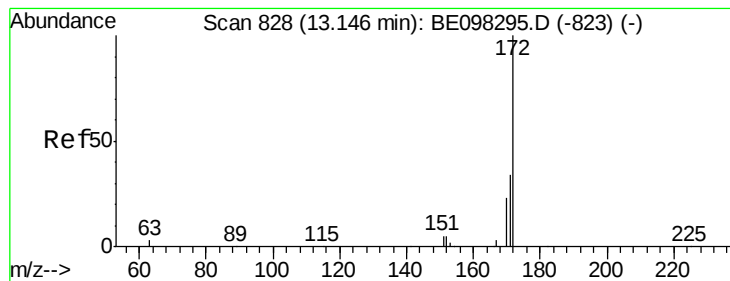
#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.02 min
Lab File: BE098388.D
Acq: 13 Dec 2018 9:32

Tgt Ion:330 Resp: 259
Ion Ratio Lower Upper
330 100
332 80.3 76.2 114.4
141 36.3 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: 0.261 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE098388.D

Acq: 13 Dec 2018 9:32

Instrument :

BNA_E

ClientSampleId :

PB115545BL

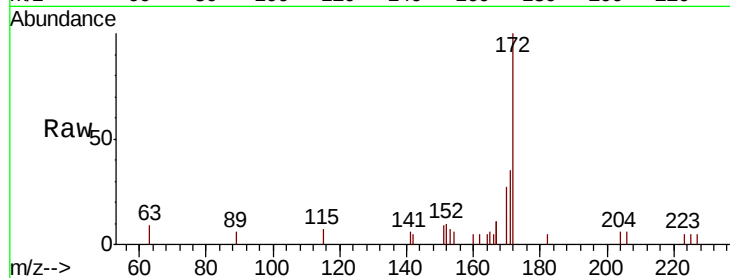
Tot Ion:172 Resp: 2952

Ion Ratio Lower Upper

172 100

171 35.4 27.5 41.3

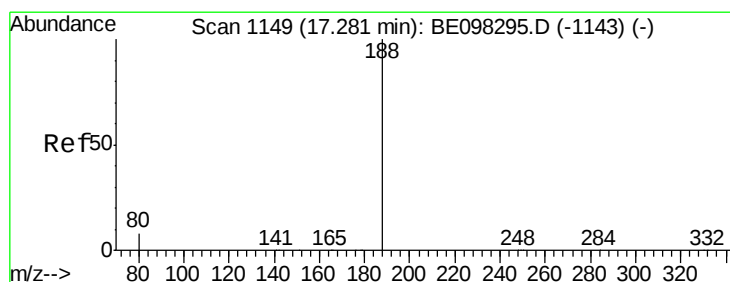
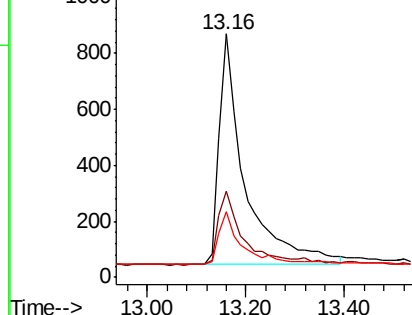
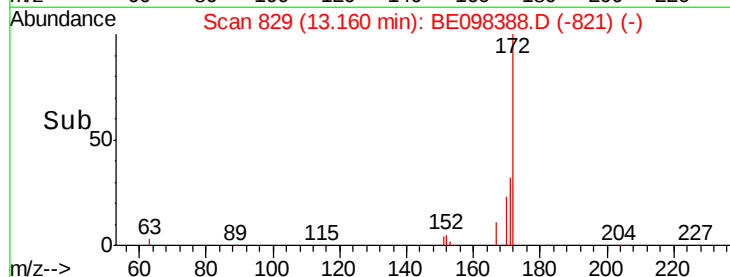
170 27.0 19.6 29.4



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: BE098388.D

Acq: 13 Dec 2018 9:32

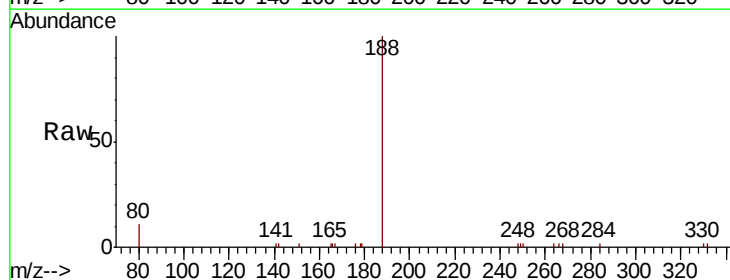
Tgt Ion:188 Resp: 7298

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

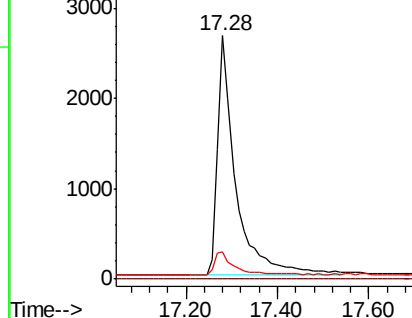
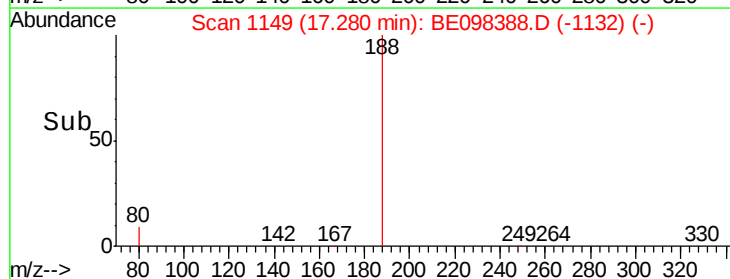
80 11.0 7.2 10.8#

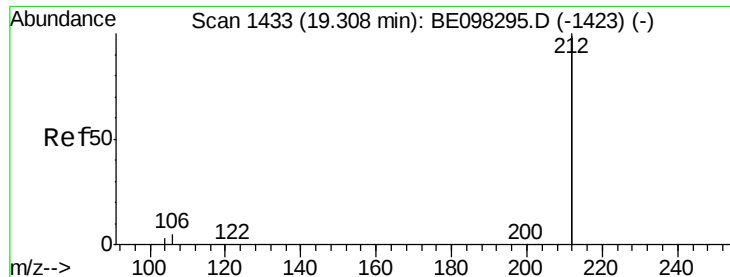


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

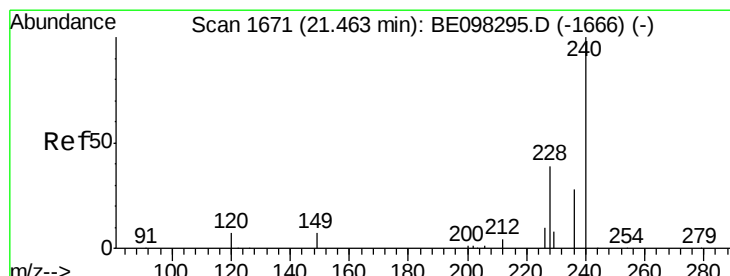
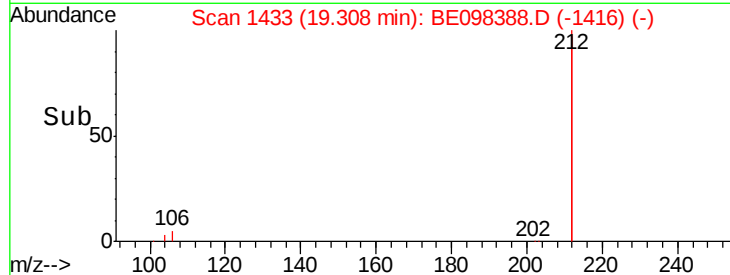
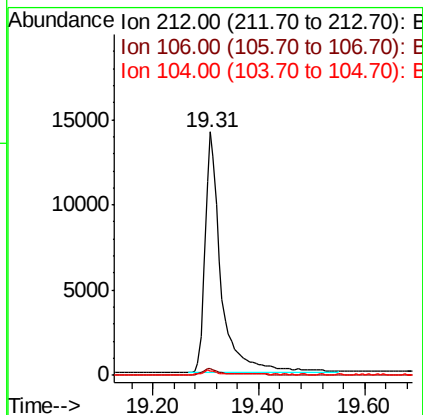
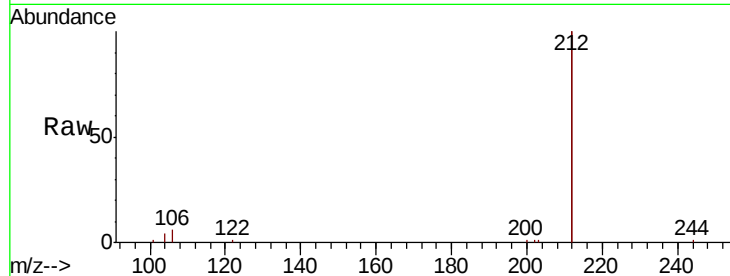




#25
 Fluoranthene-d10
 Concen: 0.318 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BE098388.D
 Acq: 13 Dec 2018 9:32

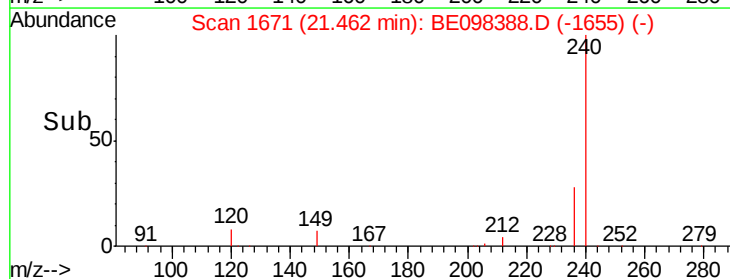
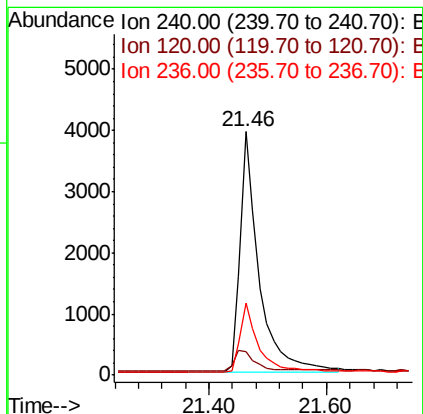
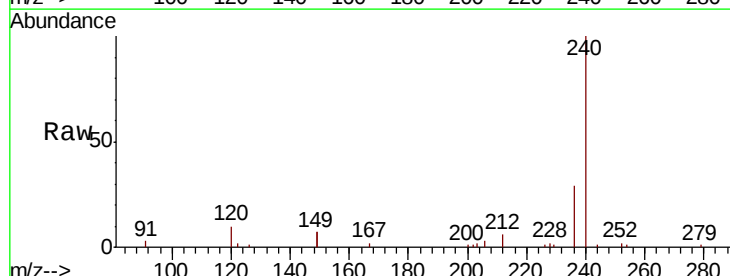
Instrument :
 BNA_E
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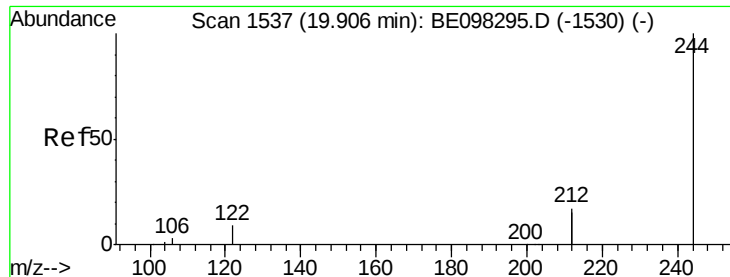
Tot Ion:212 Resp: 29789
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.5 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098388.D
 Acq: 13 Dec 2018 9:32

Tgt Ion:240 Resp: 8921
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.5 14.3
 236 29.4 22.7 34.1





#29

Terphenyl-d14

Concen: 0.223 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098388.D

Acq: 13 Dec 2018 9:32

Instrument :

BNA_E

ClientSampleId :

PB115545BL

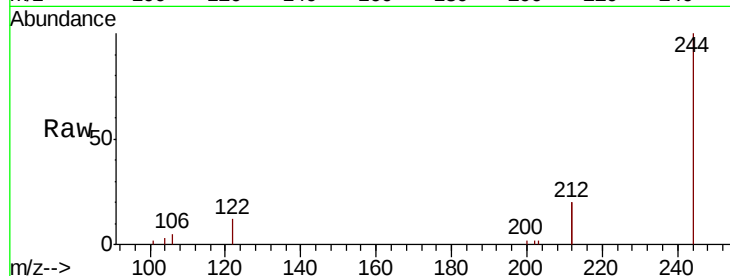
Tot Ion:244 Resp: 4832

Ion Ratio Lower Upper

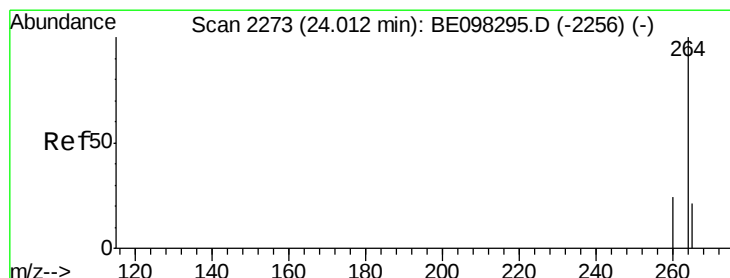
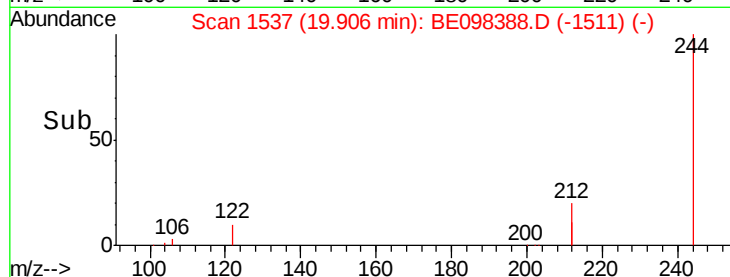
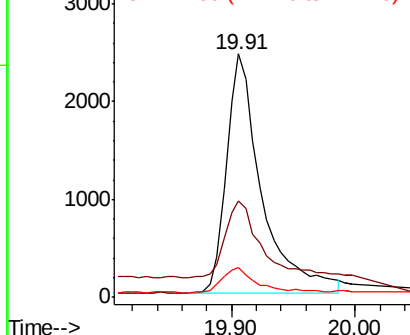
244 100

212 39.5 27.4 41.0

122 12.1 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: 24.00 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BE098388.D

Acq: 13 Dec 2018 9:32

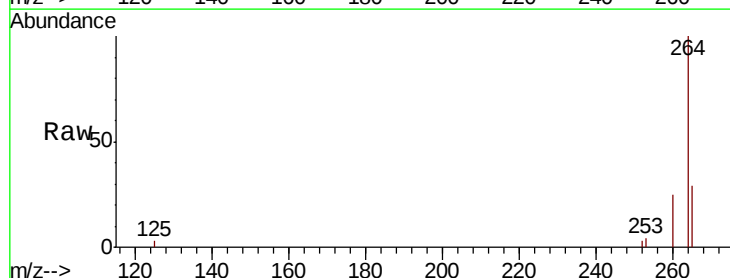
Tgt Ion:264 Resp: 8368

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

265 29.3 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

