

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
 Data File : BE098441.D
 Acq On : 14 Dec 2018 18:26
 Operator : SJ/JU
 Sample : PB115586BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115586BL

Quant Time: Dec 14 23:45:03 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	770	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3065	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	1963	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	5411	0.40	ng	0.00
27) Chrysene-d12	21.46	240	6479	0.40	ng	0.00
34) Perylene-d12	24.00	264	6329	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	766	0.43	ng	0.00
5) Phenol-d6	7.06	99	867	0.34	ng	0.00
8) Nitrobenzene-d5	9.07	82	684	0.25	ng	0.05
11) 2-Methylnaphthalene-d10	12.28	152	1541	0.31	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	263	0.36	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2288	0.28	ng	0.01
25) Fluoranthene-d10	19.30	212	24184	0.35	ng	0.00
29) Terphenyl-d14	19.90	244	3715	0.24	ng	0.00

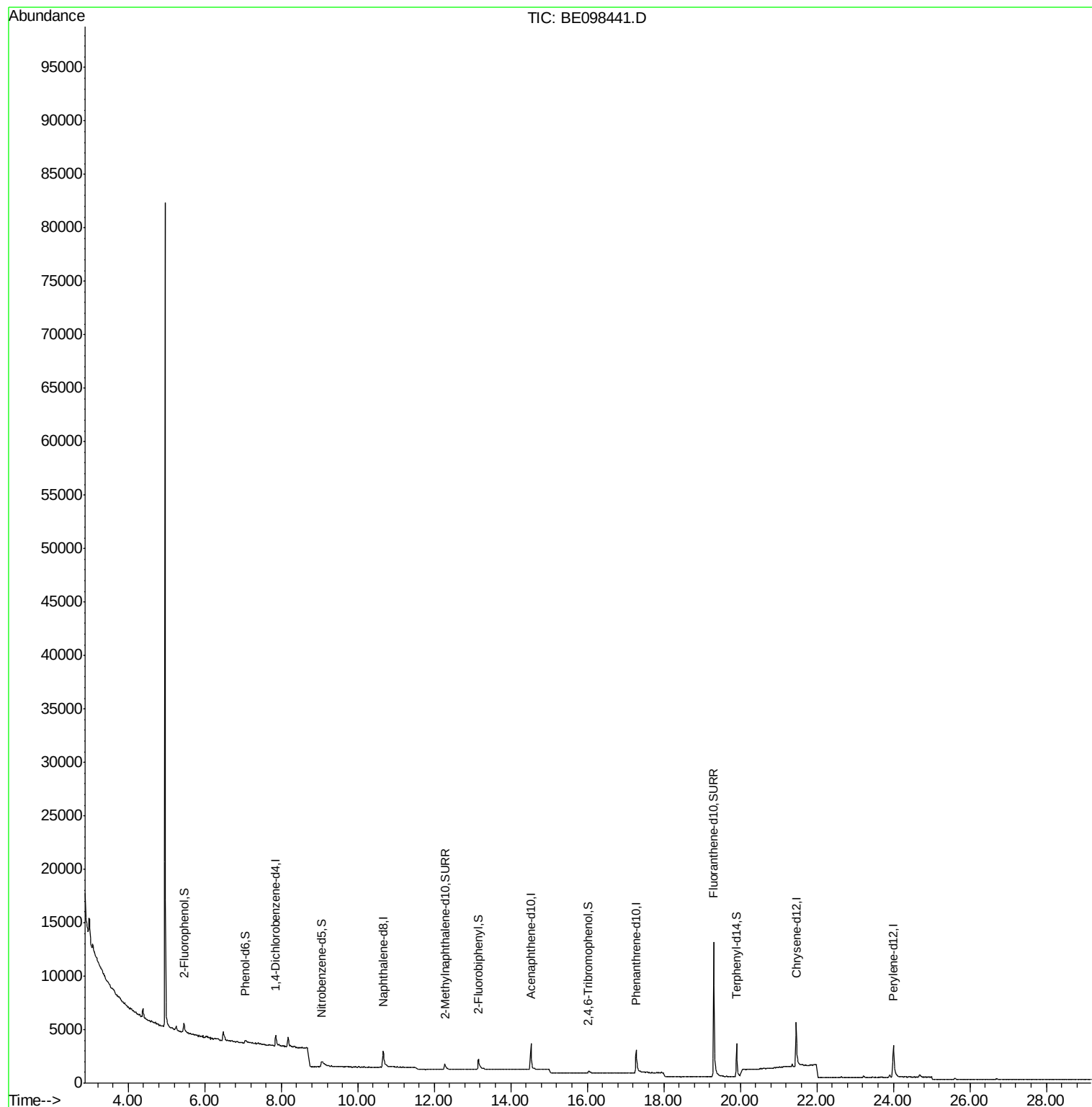
Target Compounds	Qvalue
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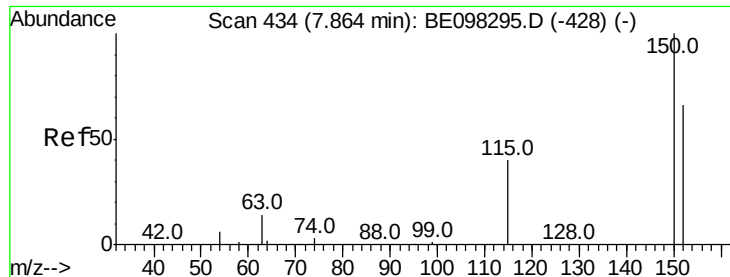
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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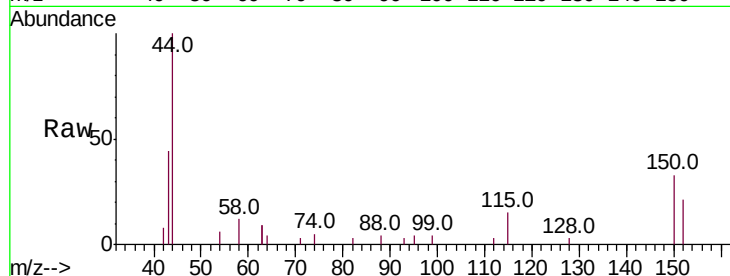




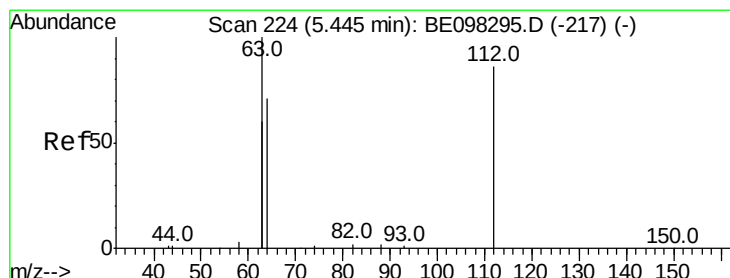
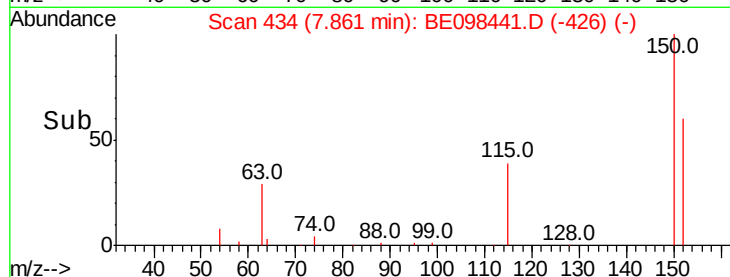
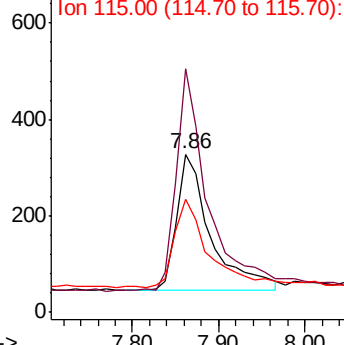
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.86 min Scan# 434
 Delta R.T. -0.00 min
 Lab File: BE098441.D
 Acq: 14 Dec 2018 18:26

Instrument :
 BNA_E
 ClientSampleId :
 PB115586BL

Tot Ion:152 Resp: 770
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.2 186.4
 115 71.3 53.9 80.9

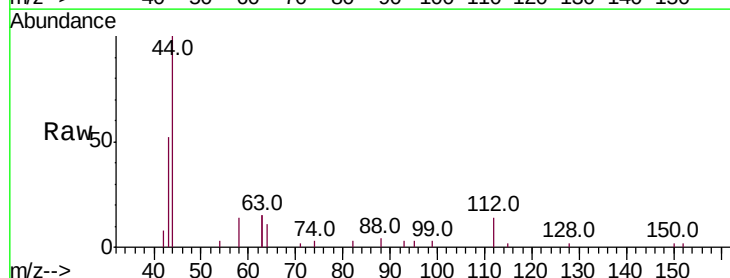


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

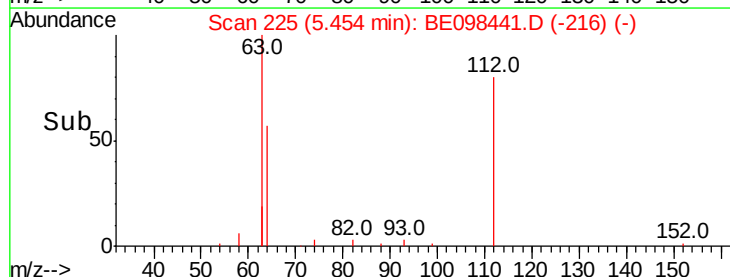
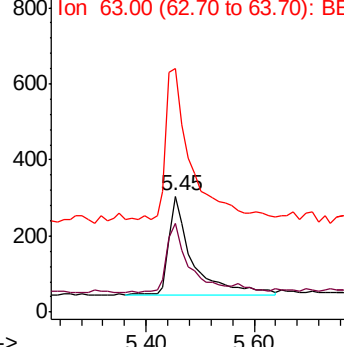


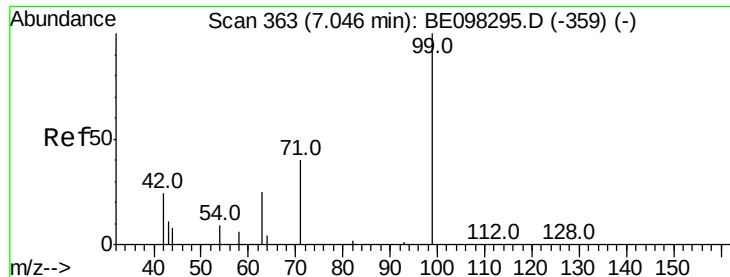
#4
 2-Fluorophenol
 Concen: 0.425 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098441.D
 Acq: 14 Dec 2018 18:26

Tgt Ion:112 Resp: 766
 Ion Ratio Lower Upper
 112 100
 64 66.1 59.8 89.8
 63 169.2 133.7 200.5



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: 0.340 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

Instrument :

BNA_E

ClientSampleId :

PB115586BL

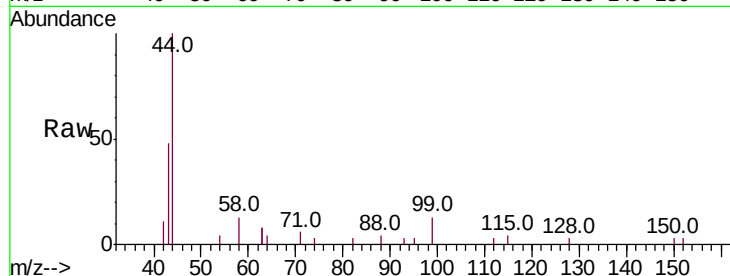
Tot Ion: 99 Resp: 867

Ion Ratio Lower Upper

99 100

42 21.0 26.3 39.5#

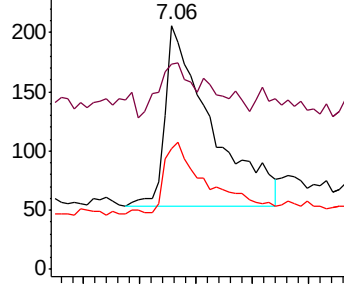
71 36.7 33.6 50.4



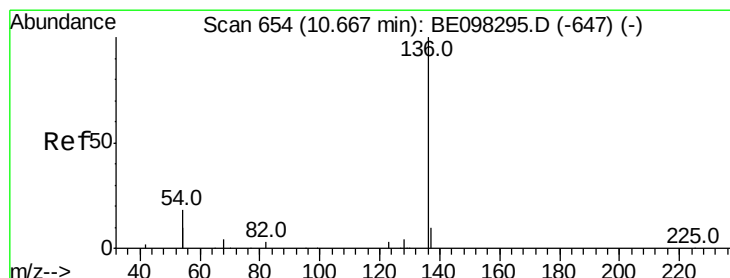
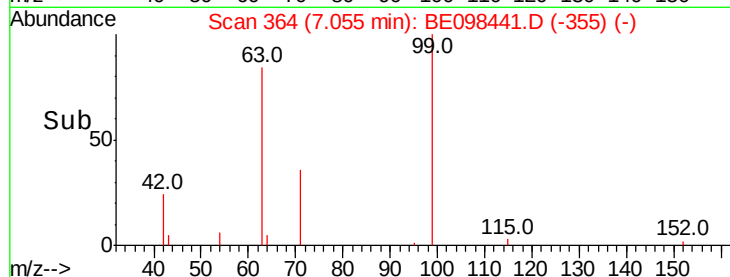
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

Tgt Ion: 136 Resp: 3065

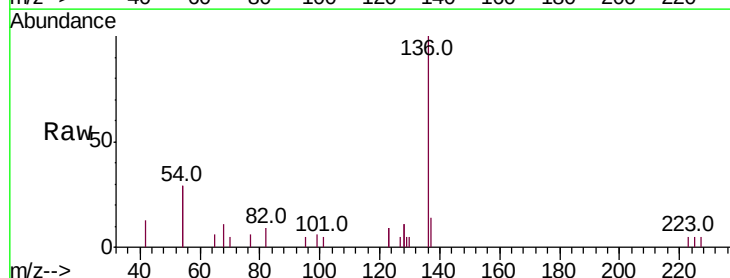
Ion Ratio Lower Upper

136 100

137 14.4 9.2 13.8#

54 58.1 28.4 42.6#

68 10.6 5.4 8.0#

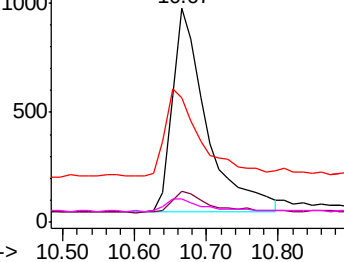


Abundance Ion 136.00 (135.70 to 136.70): E

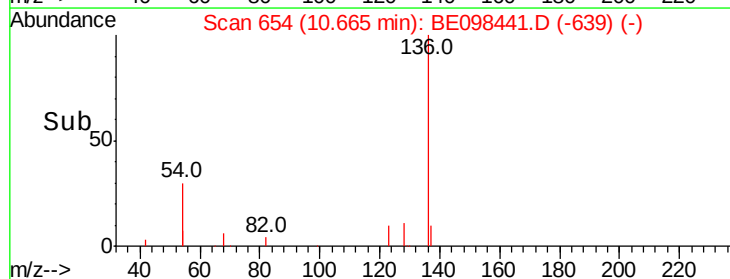
Ion 137.00 (136.70 to 137.70): E

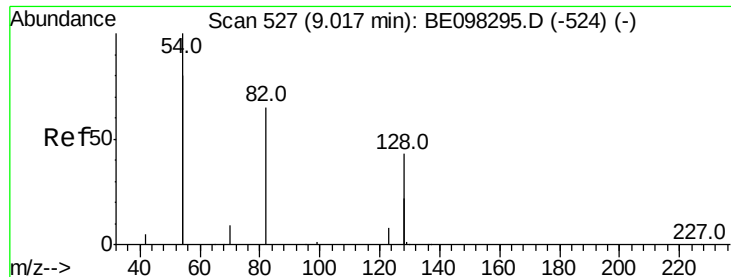
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

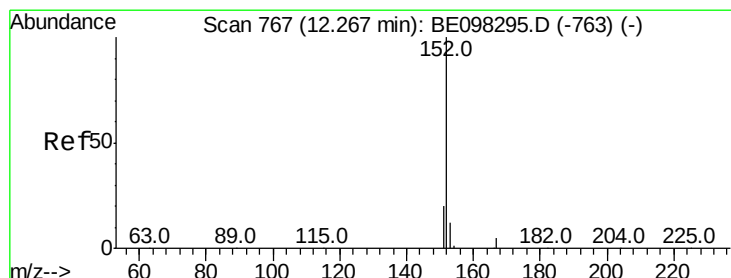
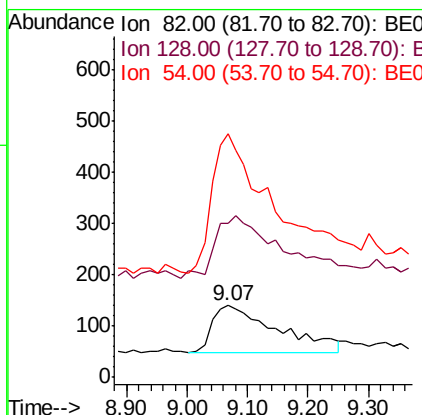
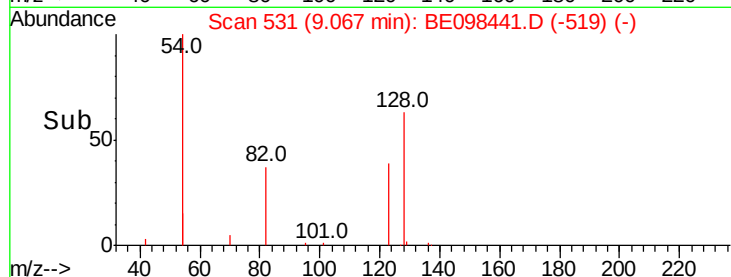
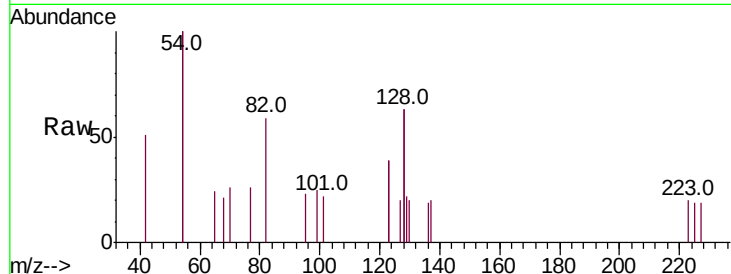




#8
 Nitrobenzene-d5
 Concen: 0.245 ng
 RT: 9.07 min Scan# 531
 Delta R.T. 0.05 min
 Lab File: BE098441.D
 Acq: 14 Dec 2018 18:26

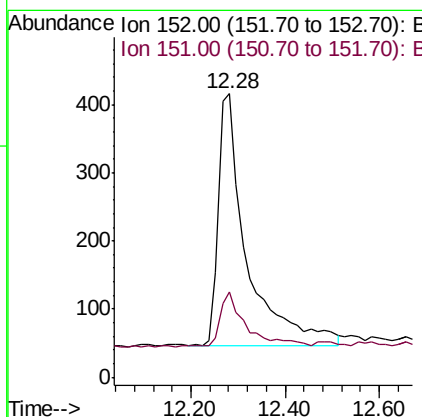
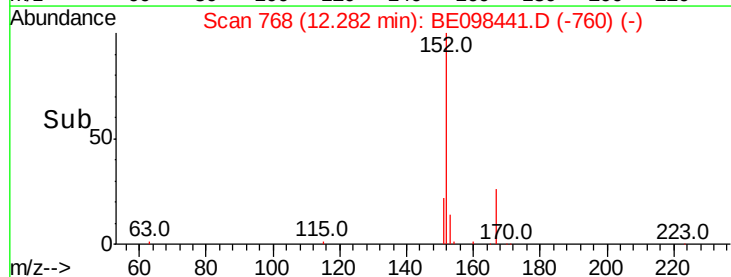
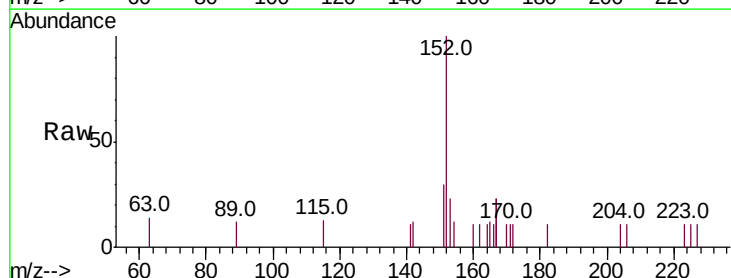
Instrument :
 BNA_E
 ClientSampleId :
 PB115586BL

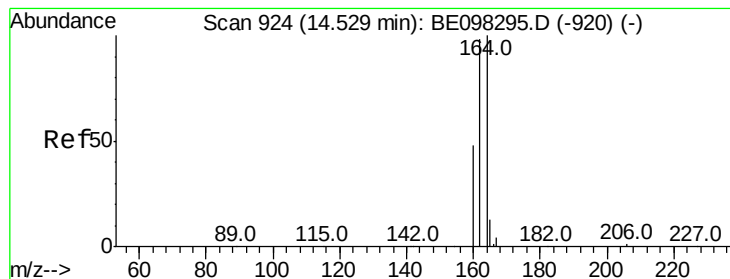
Tot Ion: 82 Resp: 684
 Ion Ratio Lower Upper
 82 100
 128 214.3 102.4 153.6#
 54 338.6 221.8 332.8#



#11
 2-Methylnaphthalene-d10
 Concen: 0.309 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE098441.D
 Acq: 14 Dec 2018 18:26

Tgt Ion: 152 Resp: 1541
 Ion Ratio Lower Upper
 152 100
 151 17.8 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

Instrument :

BNA_E

ClientSampleId :

PB115586BL

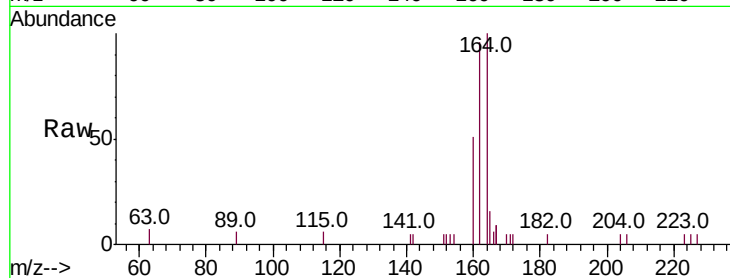
Tot Ion:164 Resp: 1963

Ion Ratio Lower Upper

164 100

162 96.4 77.6 116.4

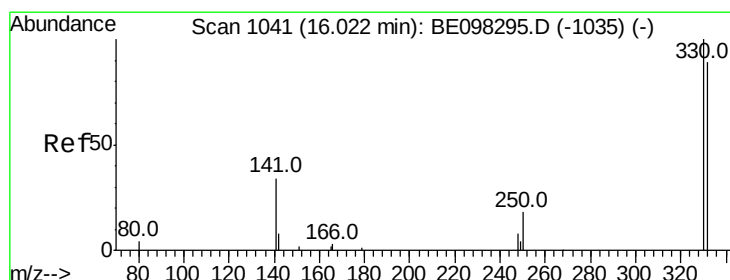
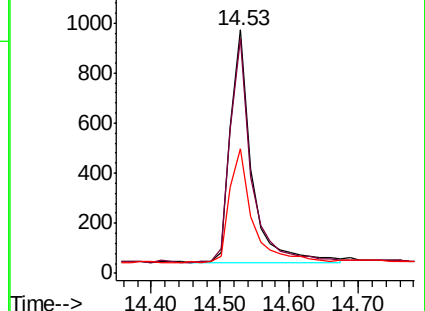
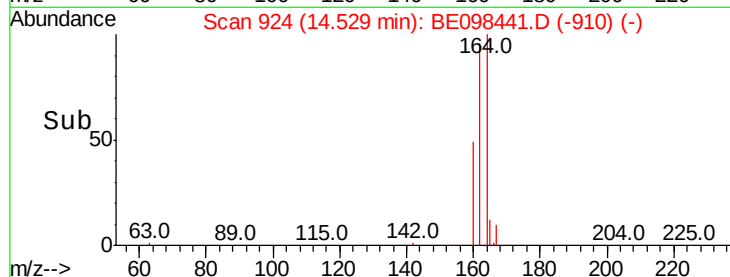
160 51.4 36.0 54.0



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: 0.365 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

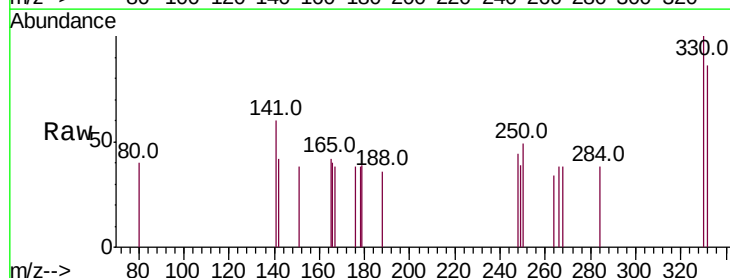
Tgt Ion:330 Resp: 263

Ion Ratio Lower Upper

330 100

332 84.4 76.2 114.4

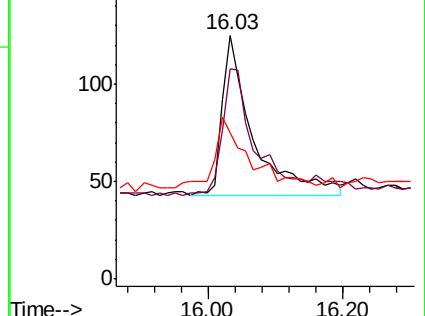
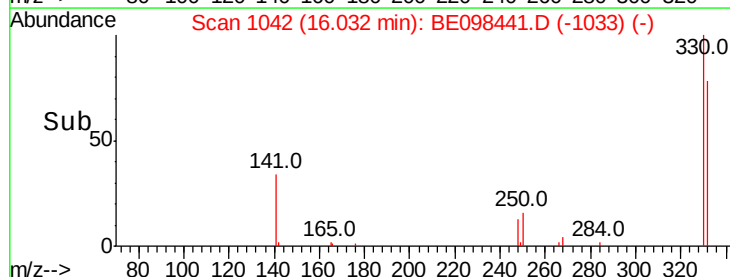
141 47.9 39.0 58.4

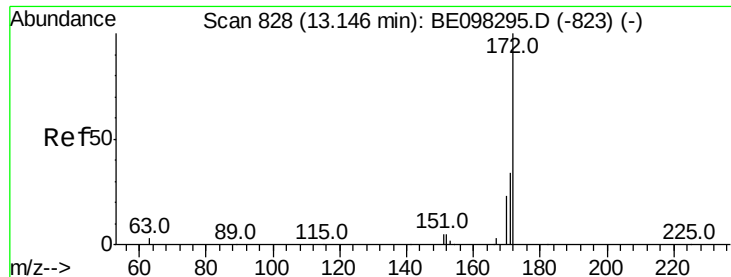


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

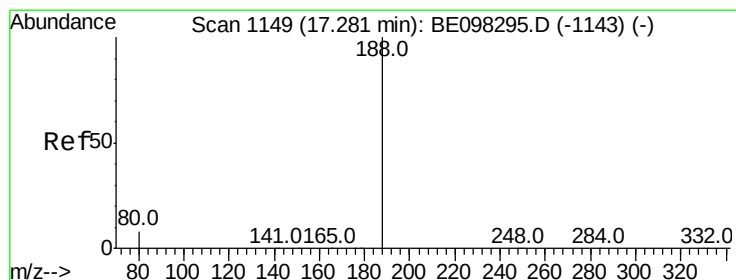
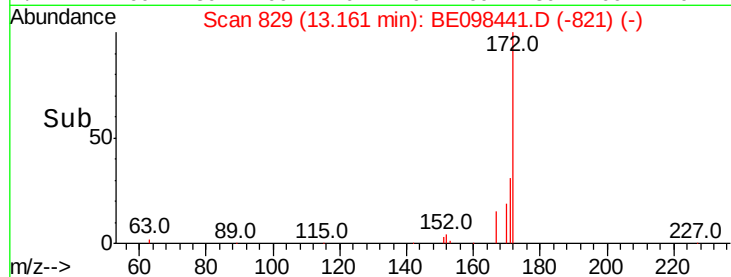
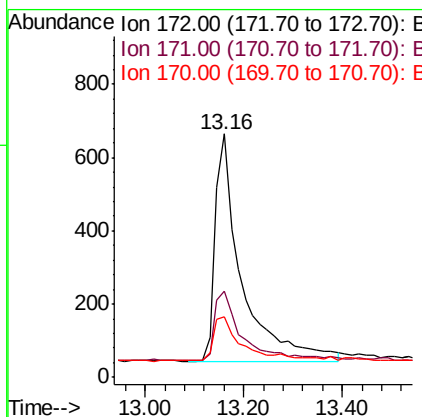
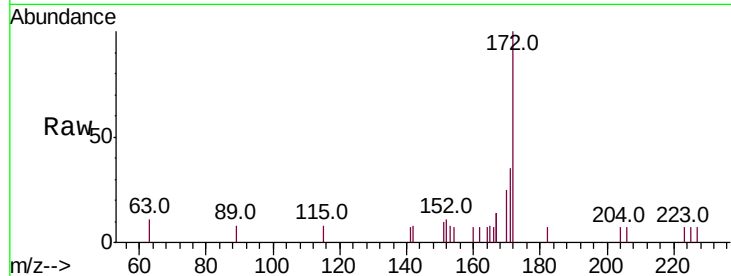




#15
2-Fluorobiphenyl
Concen: 0.276 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

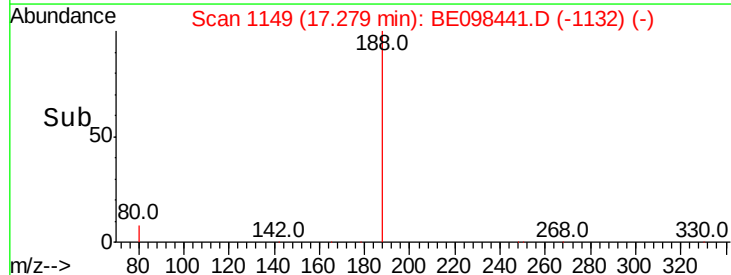
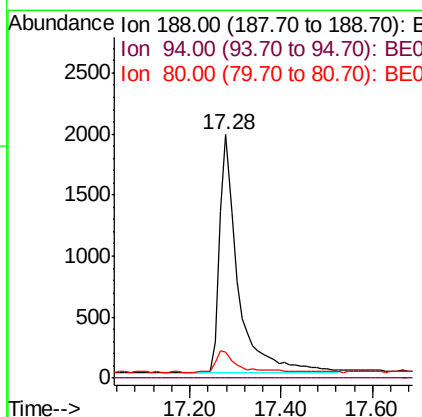
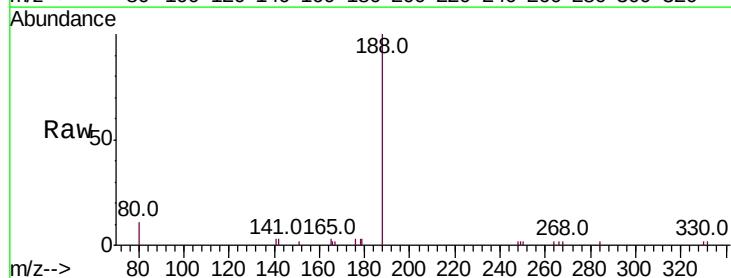
Instrument :
BNA_E
ClientSampleId :
PB115586BL

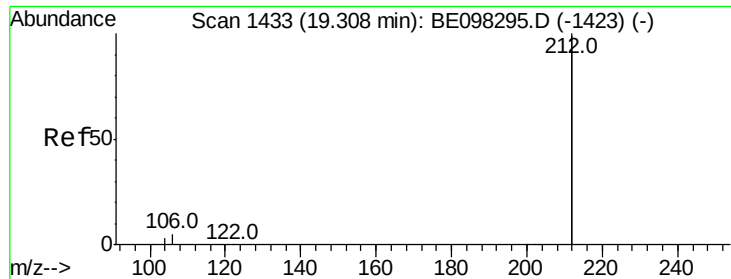
Tot Ion:172 Resp: 2288
Ion Ratio Lower Upper
172 100
171 35.2 27.5 41.3
170 25.1 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Tgt Ion:188 Resp: 5411
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 7.2 10.8





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

Instrument :

BNA_E

ClientSampleId :

PB115586BL

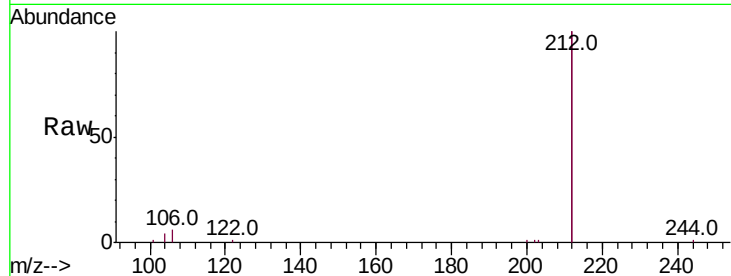
Tot Ion:212 Resp: 24184

Ion Ratio Lower Upper

212 100

106 2.3 2.2 3.2

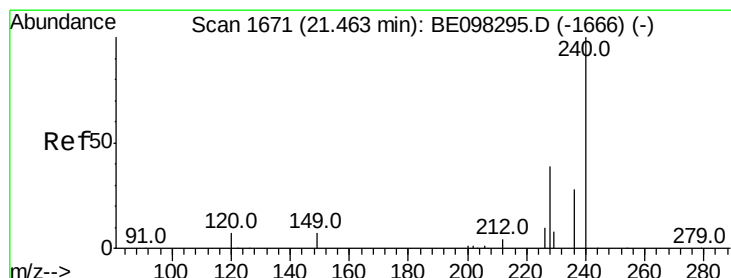
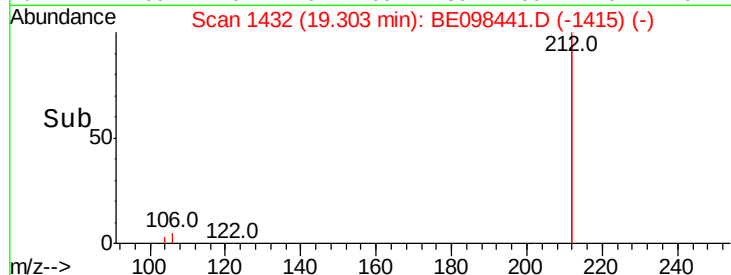
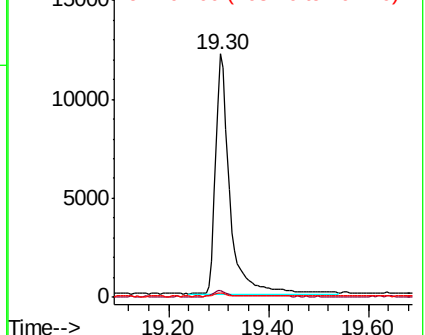
104 1.4 1.3 1.9



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: BE098441.D

Acq: 14 Dec 2018 18:26

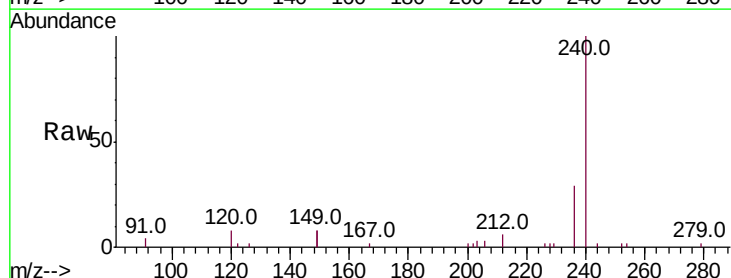
Tgt Ion:240 Resp: 6479

Ion Ratio Lower Upper

240 100

120 8.0 9.5 14.3#

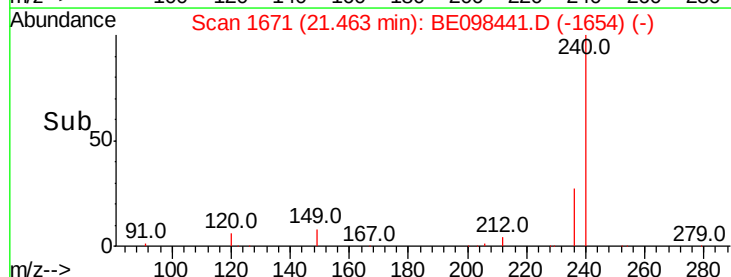
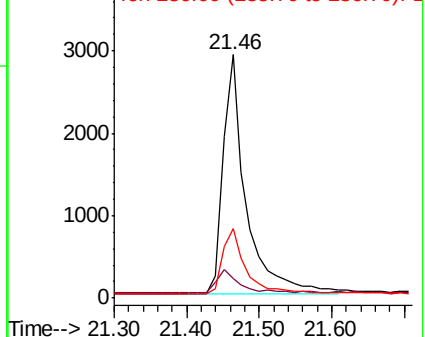
236 28.5 22.7 34.1

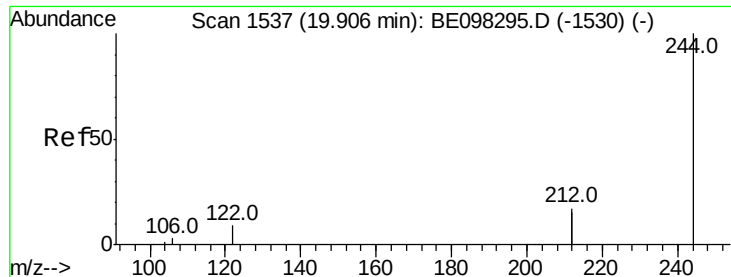


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.236 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

Instrument :

BNA_E

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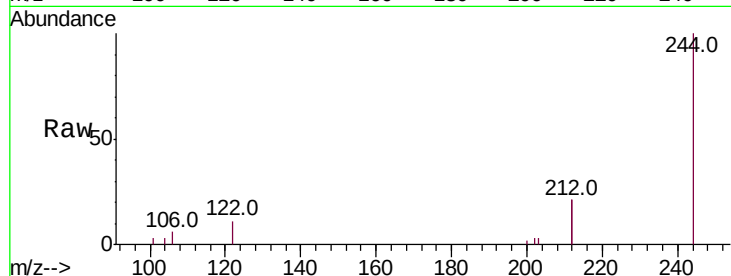
Tot Ion:244 Resp: 3715

Ion Ratio Lower Upper

244 100

212 42.6 27.4 41.0#

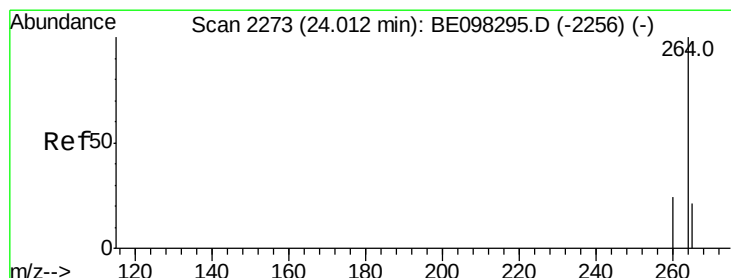
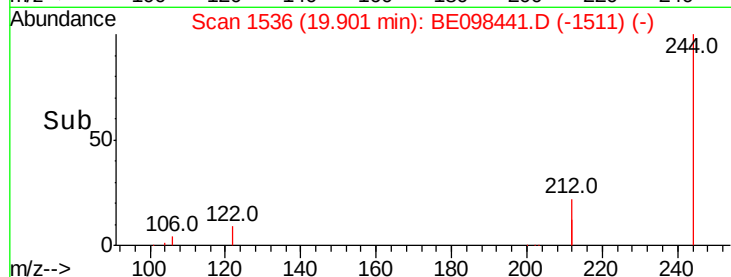
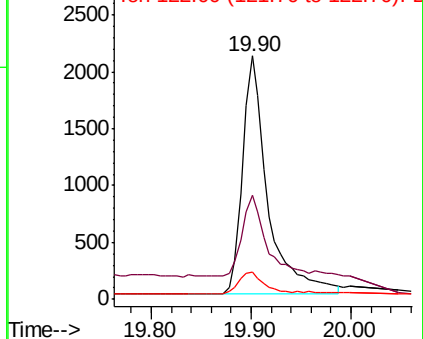
122 11.4 8.3 12.5



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# 2270

Delta R.T. -0.01 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

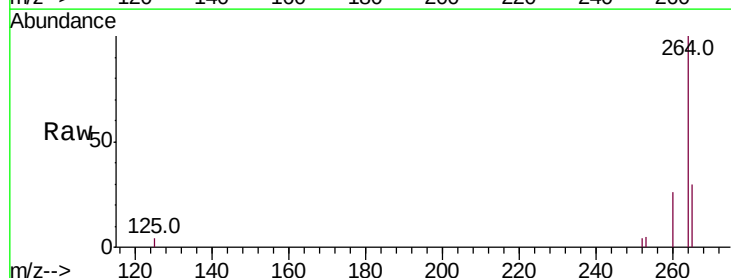
Tgt Ion:264 Resp: 6329

Ion Ratio Lower Upper

264 100

260 26.4 20.2 30.2

265 30.0 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

