

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031419\
 Data File : BE098945.D
 Acq On : 14 Mar 2019 14:29
 Operator : JU/SJ
 Sample : SP4663
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SP4663

Quant Time: Mar 15 05:44:48 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	7.80	152	707	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	2970	0.40	ng	0.02
13) Acenaphthene-d10	14.47	164	2069	0.40	ng	0.02
19) Phenanthrene-d10	17.23	188	5451	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6598	0.40	ng	0.00
34) Perylene-d12	23.90	264	6098	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	699	0.33	ng	0.02
5) Phenol-d6	7.04	99	865	0.29	ng	0.06
8) Nitrobenzene-d5	9.07	82	638	0.20	ng	0.10
11) 2-Methylnaphthalene-d10	12.22	152	1711	0.31	ng	0.03
14) 2,4,6-Tribromophenol	16.01	330	212	0.20	ng	0.04
15) 2-Fluorobiphenyl	13.12	172	2655	0.31	ng	0.03
25) Fluoranthene-d10	19.25	212	26239	0.30	ng	0.00
29) Terphenyl-d14	19.85	244	4351	0.27	ng	0.00

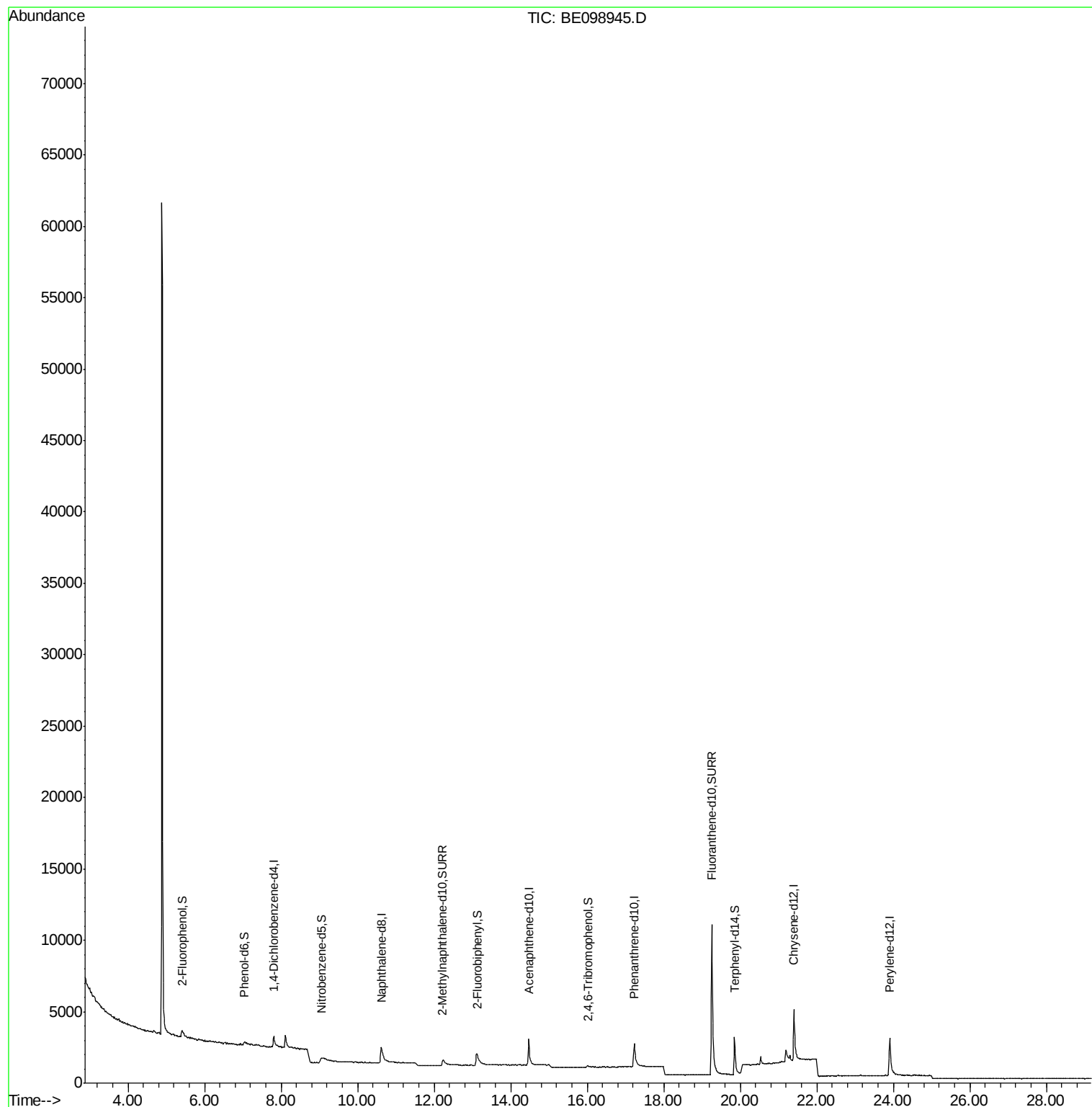
Target Compounds	Qvalue
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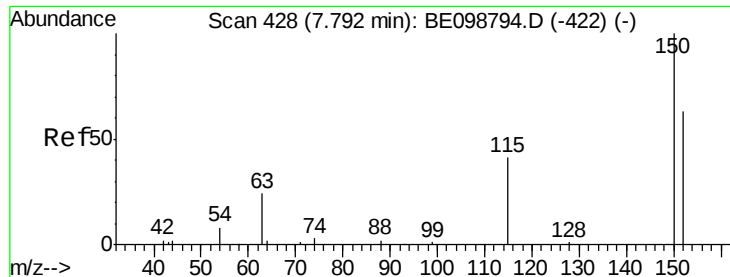
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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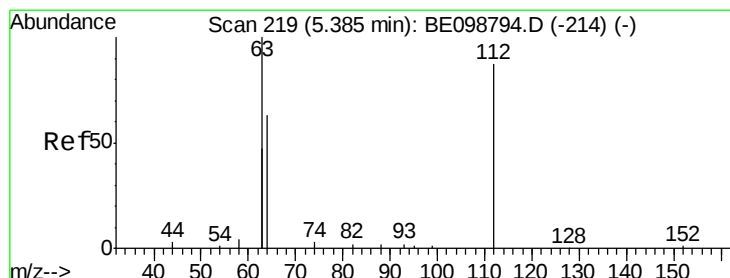
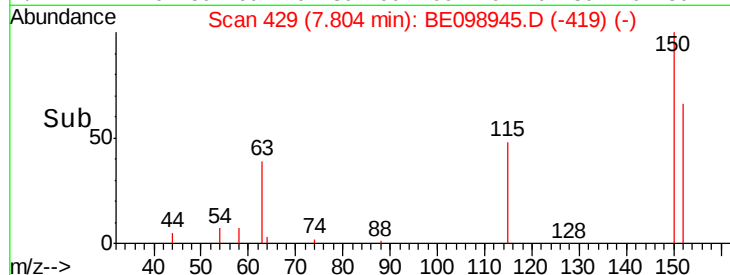
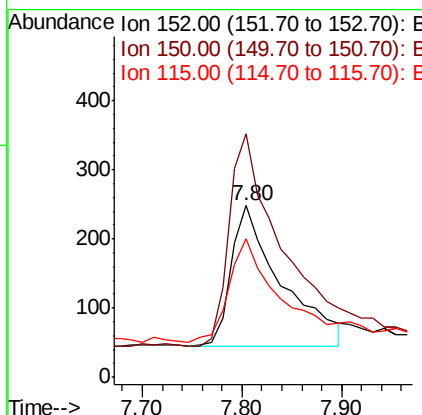
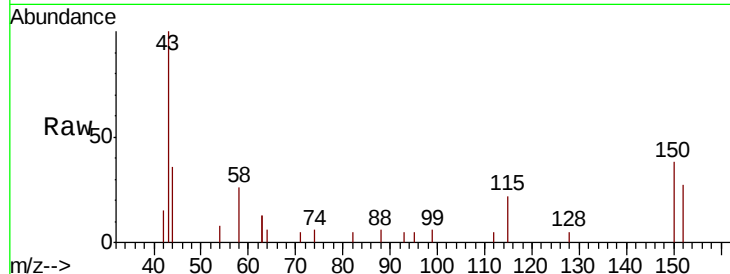




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BE098945.D
 Acq: 14 Mar 2019 14:29

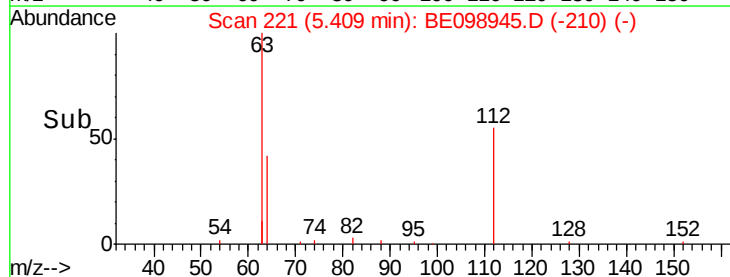
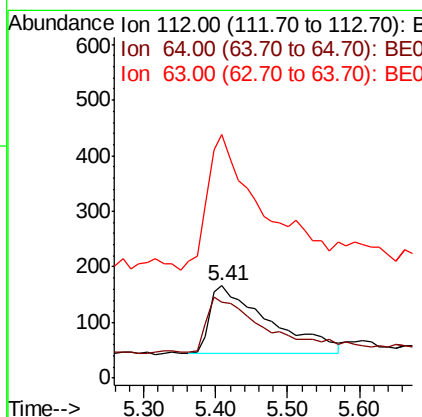
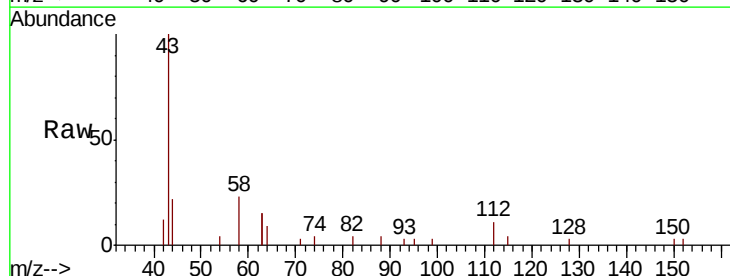
Instrument :
 BNA_E
 ClientSampleId :
 SP4663

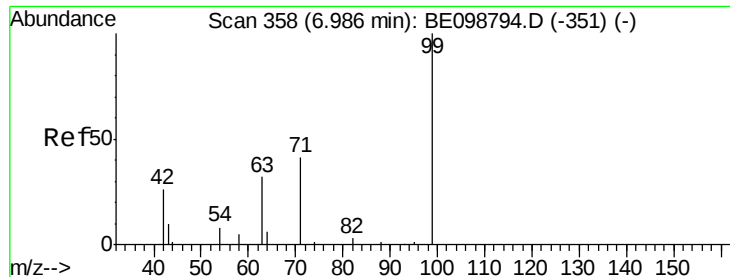
Tot Ion:152 Resp: 707
 Ion Ratio Lower Upper
 152 100
 150 141.9 122.5 183.7
 115 81.0 57.4 86.2



#4
 2-Fluorophenol
 Concen: 0.331 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BE098945.D
 Acq: 14 Mar 2019 14:29

Tgt Ion:112 Resp: 699
 Ion Ratio Lower Upper
 112 100
 64 81.7 57.9 86.9
 63 188.3 158.3 237.5





#5

Phenol-d6

Concen: 0.290 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE098945.D

Acq: 14 Mar 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SP4663

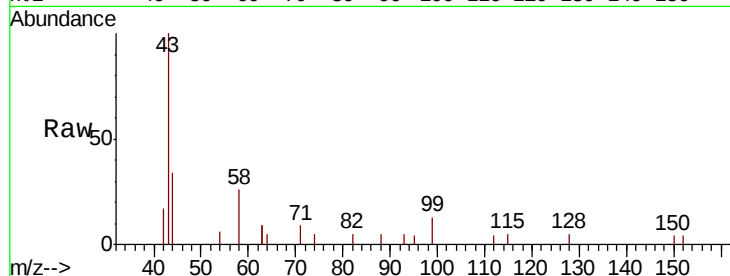
Tot Ion: 99 Resp: 865

Ion Ratio Lower Upper

99 100

42 19.5 24.2 36.2#

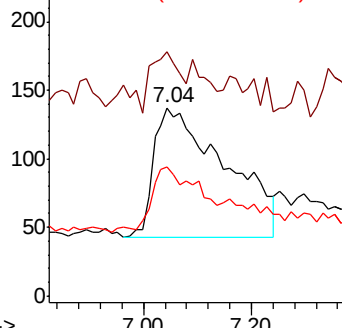
71 34.2 35.7 53.5#



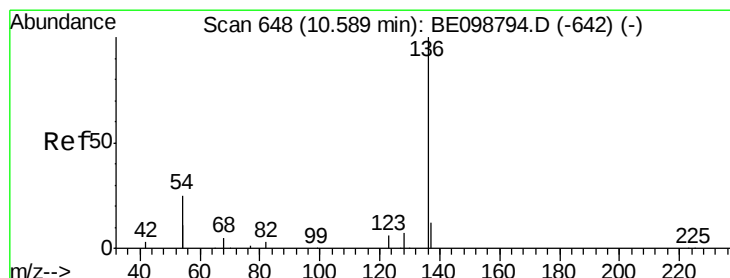
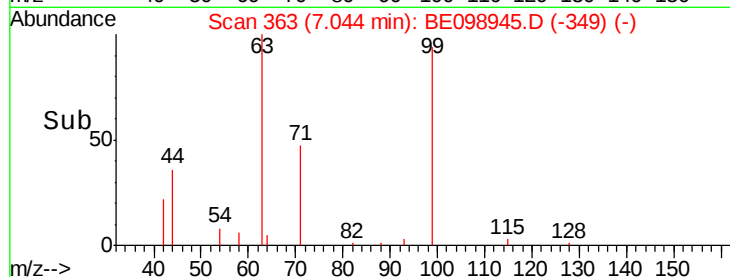
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.02 min

Lab File: BE098945.D

Acq: 14 Mar 2019 14:29

Tgt Ion: 136 Resp: 2970

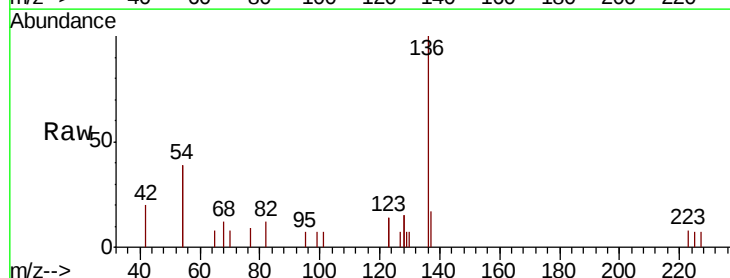
Ion Ratio Lower Upper

136 100

137 16.6 11.4 17.0

54 77.0 39.3 58.9#

68 12.4 6.7 10.1#

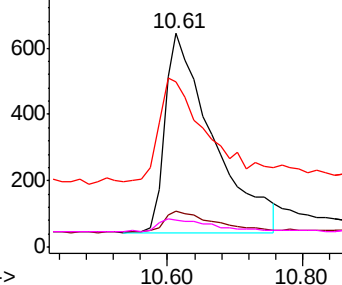


Abundance Ion 136.00 (135.70 to 136.70): E

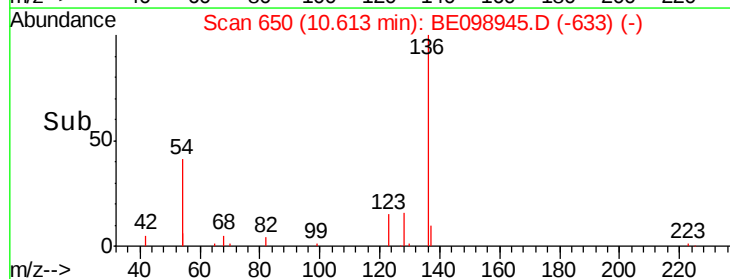
Ion 137.00 (136.70 to 137.70): E

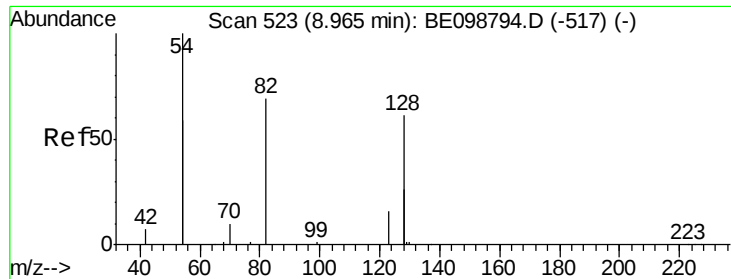
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.205 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.10 min

Lab File: BE098945.D

Acq: 14 Mar 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SP4663

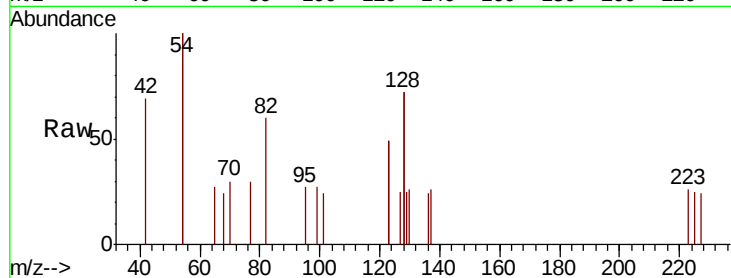
Tot Ion: 82 Resp: 638

Ion Ratio Lower Upper

82 100

128 241.8 123.8 185.8#

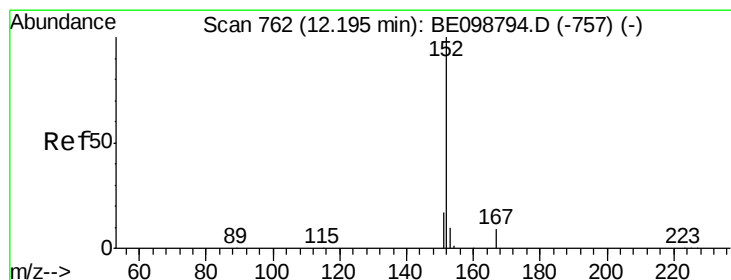
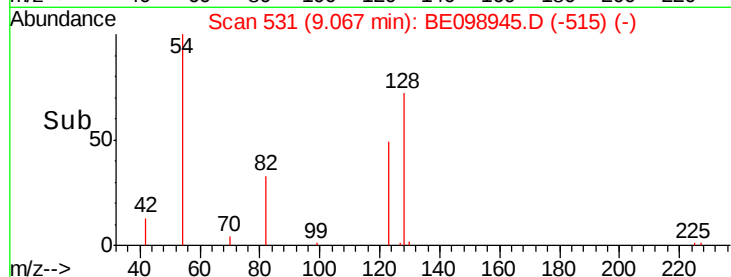
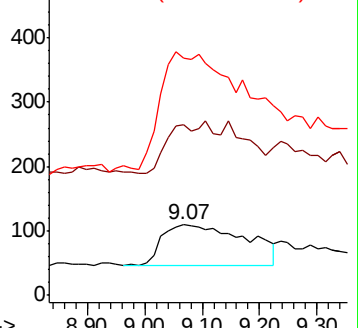
54 334.5 203.4 305.2#



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: 0.312 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE098945.D

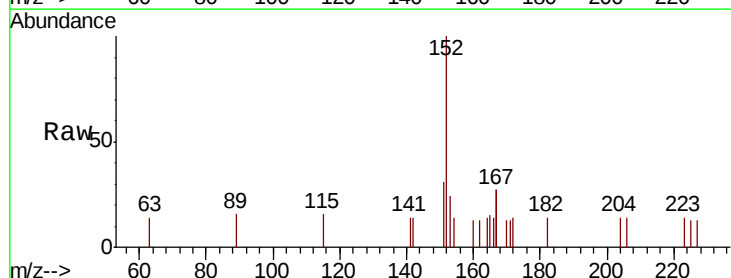
Acq: 14 Mar 2019 14:29

Tgt Ion: 152 Resp: 1711

Ion Ratio Lower Upper

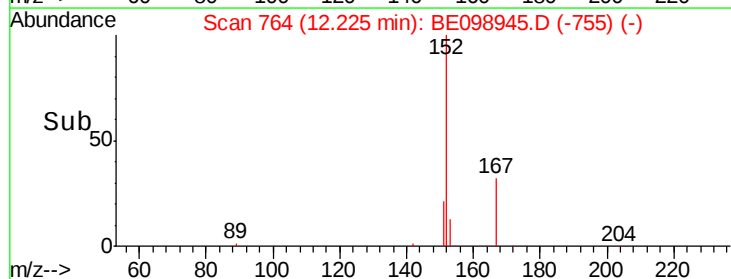
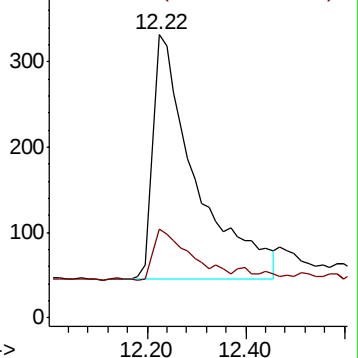
152 100

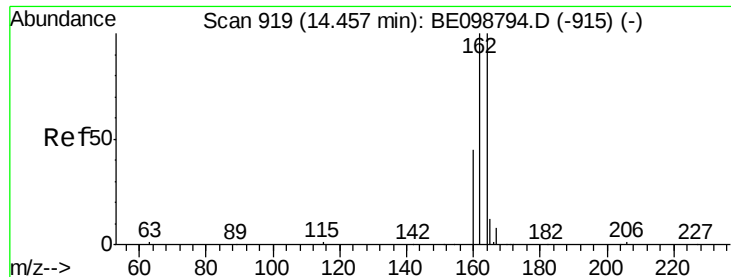
151 18.1 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

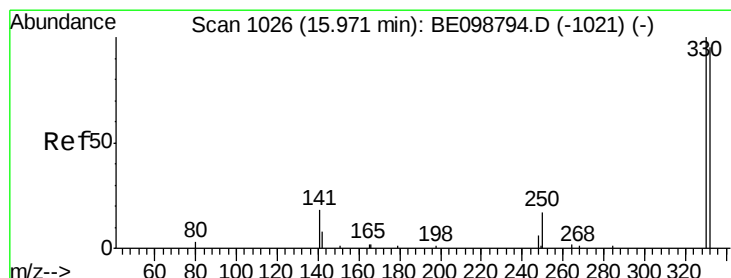
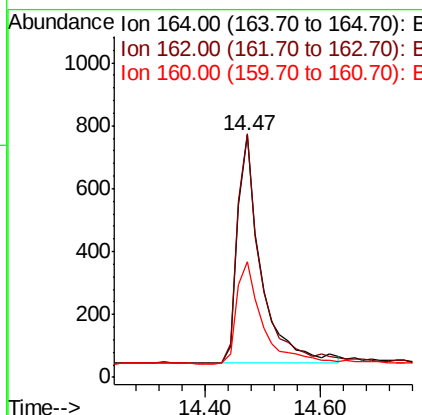
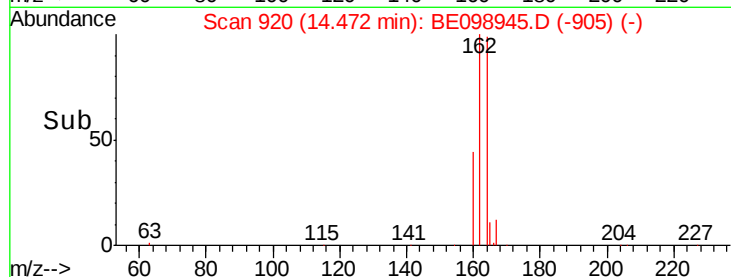
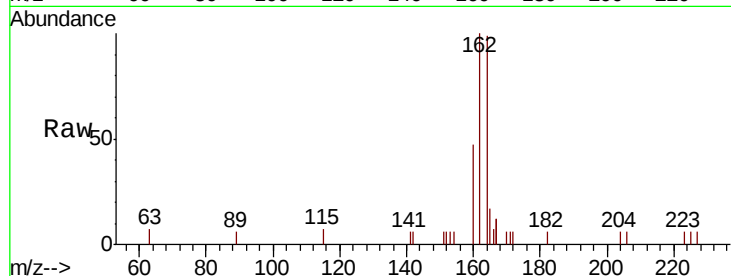




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.02 min
Lab File: BE098945.D
Acq: 14 Mar 2019 14:29

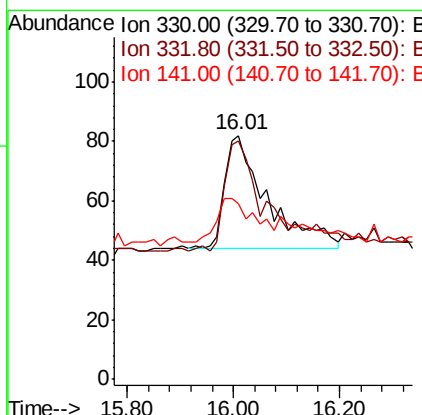
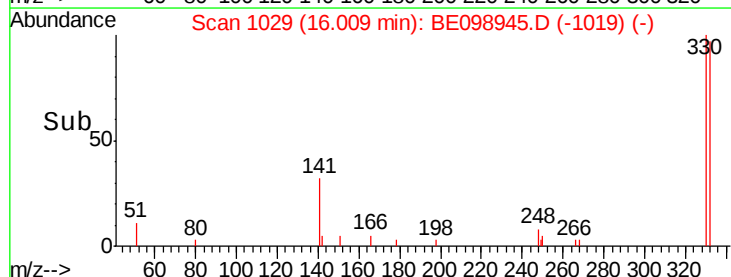
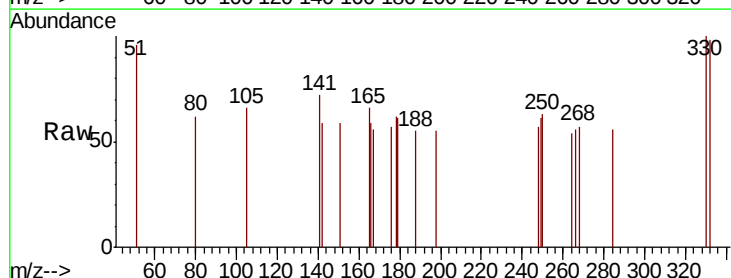
Instrument :
BNA_E
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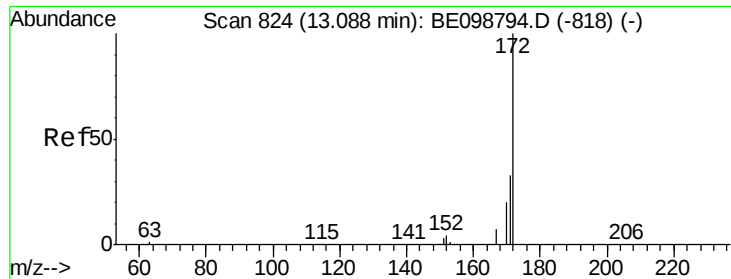
Tot Ion:164 Resp: 2069
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 47.7 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 16.01 min Scan# 1029
Delta R.T. 0.04 min
Lab File: BE098945.D
Acq: 14 Mar 2019 14:29

Tgt Ion:330 Resp: 212
Ion Ratio Lower Upper
330 100
332 105.2 77.6 116.4
141 0.0 31.0 46.4#

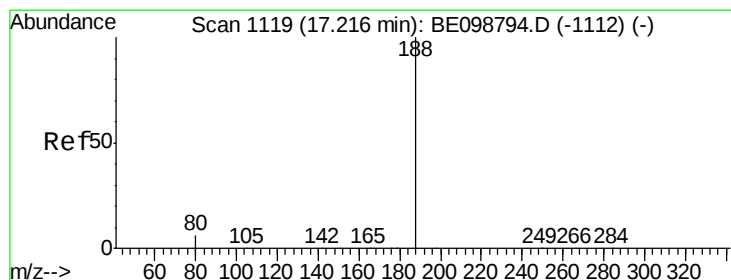
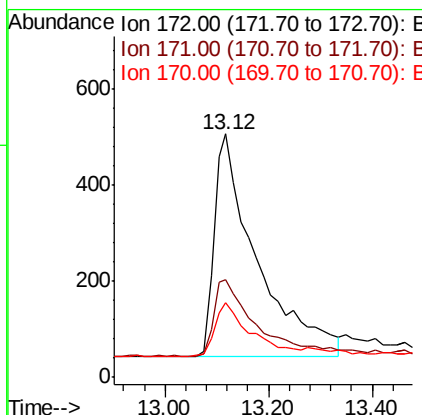
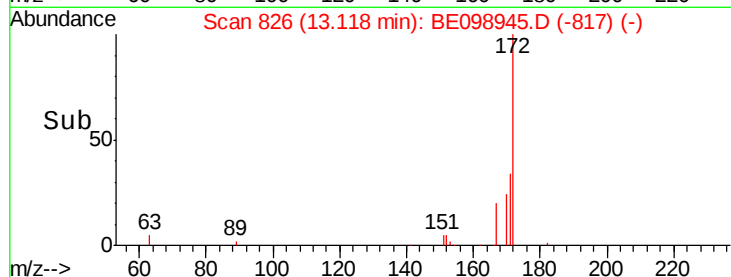
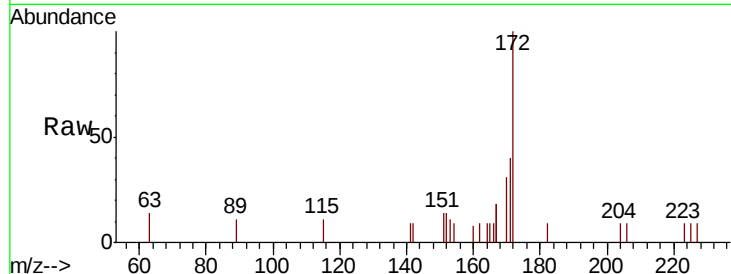




#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE098945.D
Acq: 14 Mar 2019 14:29

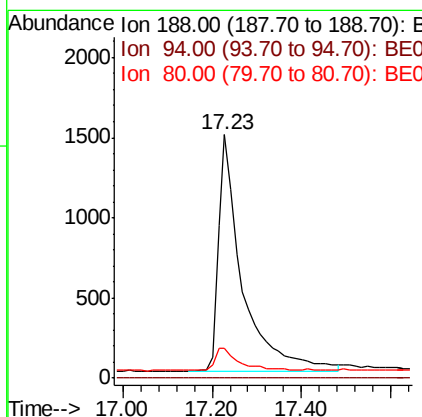
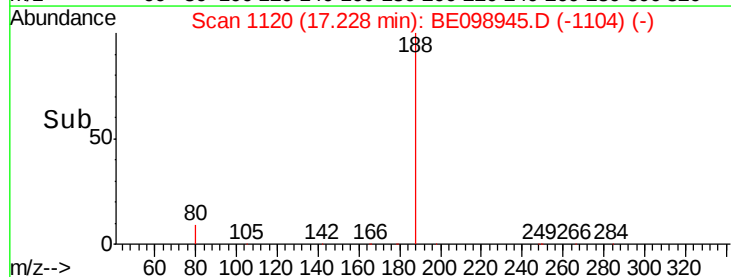
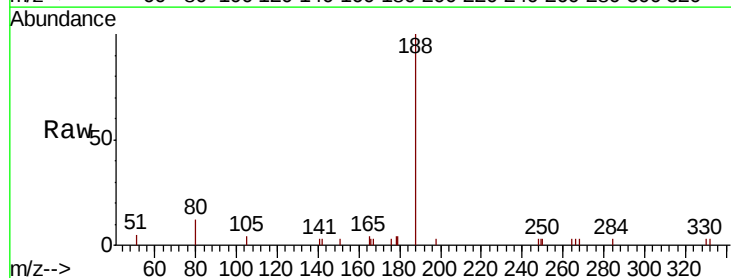
Instrument :
BNA_E
ClientSampleId :
SP4663

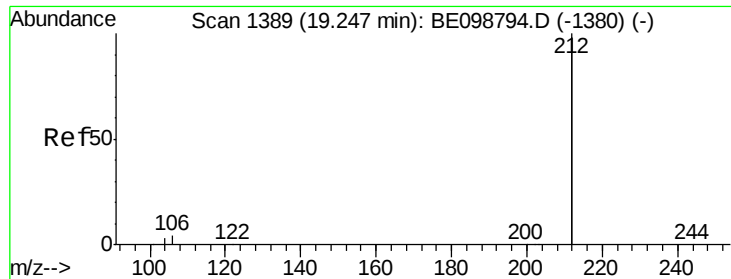
Tot Ion:172 Resp: 2655
Ion Ratio Lower Upper
172 100
171 40.0 28.0 42.0
170 30.6 17.7 26.5#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE098945.D
Acq: 14 Mar 2019 14:29

Tgt Ion:188 Resp: 5451
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 6.3 9.5#

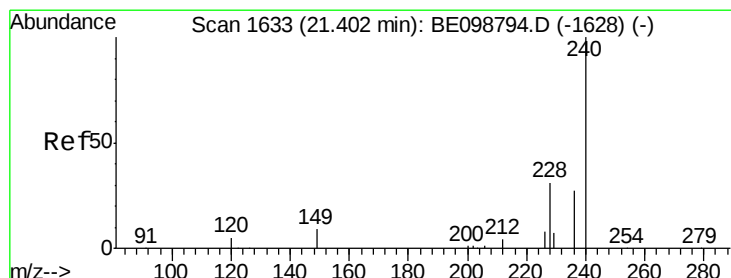
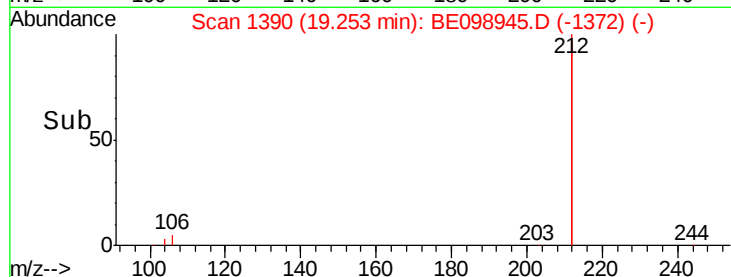
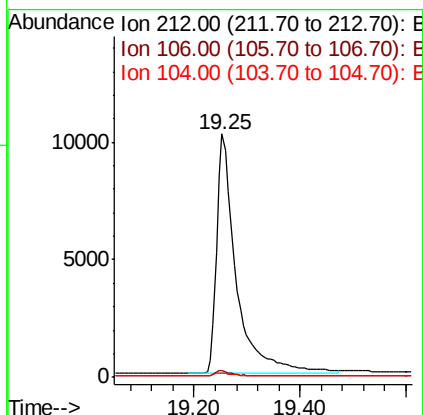
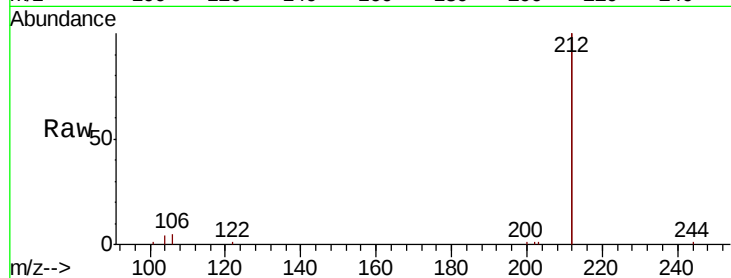




#25
 Fluoranthene-d10
 Concen: 0.302 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BE098945.D
 Acq: 14 Mar 2019 14:29

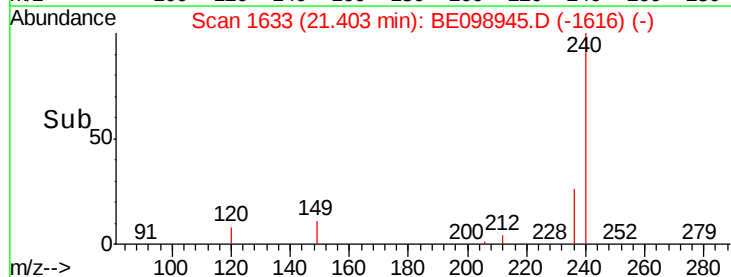
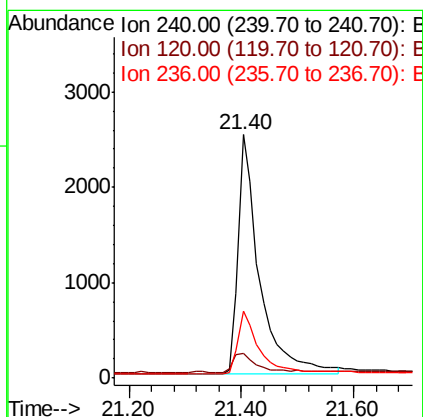
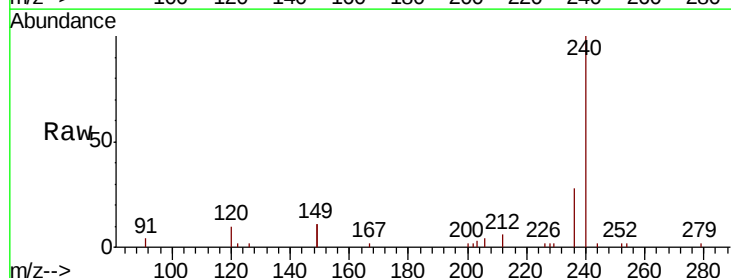
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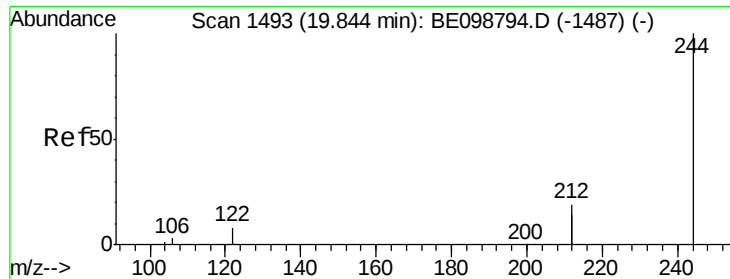
Tot Ion:212 Resp: 26239
 Ion Ratio Lower Upper
 212 100
 106 2.2 1.8 2.8
 104 1.3 1.0 1.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098945.D
 Acq: 14 Mar 2019 14:29

Tgt Ion:240 Resp: 6598
 Ion Ratio Lower Upper
 240 100
 120 10.1 5.0 7.4#
 236 27.5 22.7 34.1





#29

Terphenyl-d14

Concen: 0.271 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098945.D

Acq: 14 Mar 2019 14:29

Instrument :

BNA_E

ClientSampleId :

SP4663

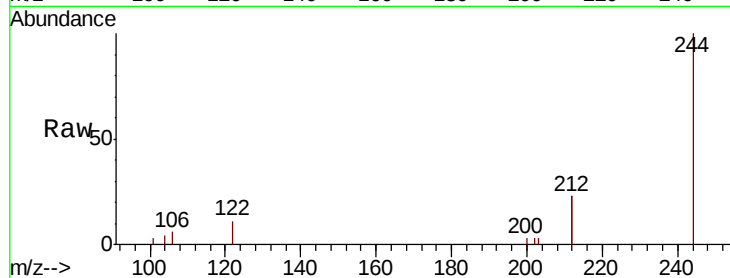
Tot Ion:244 Resp: 4351

Ion Ratio Lower Upper

244 100

212 45.4 29.4 44.2#

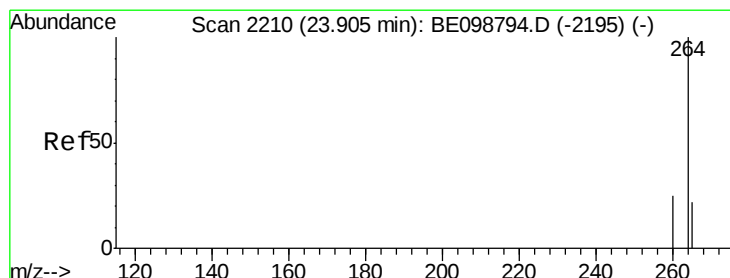
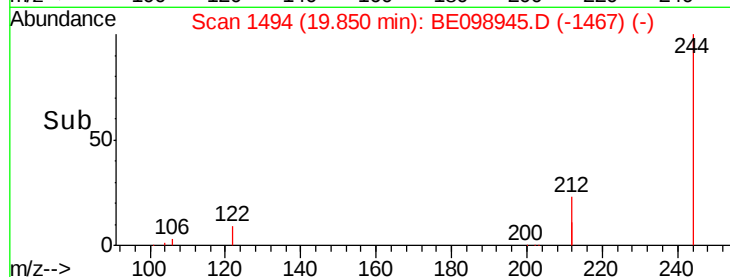
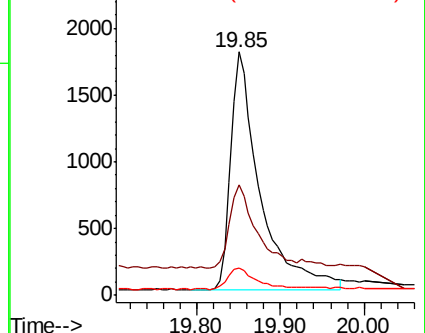
122 11.4 7.1 10.7#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BE098945.D

Acq: 14 Mar 2019 14:29

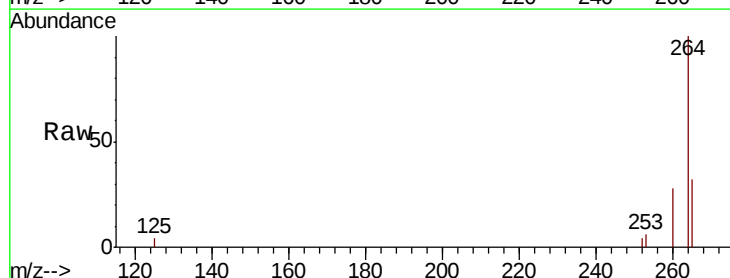
Tgt Ion:264 Resp: 6098

Ion Ratio Lower Upper

264 100

260 27.7 21.2 31.8

265 31.6 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

