

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011620\
 Data File : BE101077.D
 Acq On : 16 Jan 2020 15:59
 Operator : JU
 Sample : PB126135BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB126135BL

Quant Time: Jan 17 10:37:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2771	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	9531	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7263	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	16425	0.40	ng	0.00
27) Chrysene-d12	21.27	240	17007	0.40	ng	-0.01
34) Perylene-d12	23.69	264	21098	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	1672	0.27	ng	0.00
5) Phenol-d6	6.91	99	1577	0.20	ng	0.00
8) Nitrobenzene-d5	8.89	82	1752	0.26	ng	0.01
11) 2-Methylnaphthalene-d10	12.11	152	3168	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	441	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	6072	0.22	ng	-0.01
25) Fluoranthene-d10	19.12	212	55878	0.24	ng	-0.01
29) Terphenyl-d14	19.73	244	10763	0.26	ng	0.00

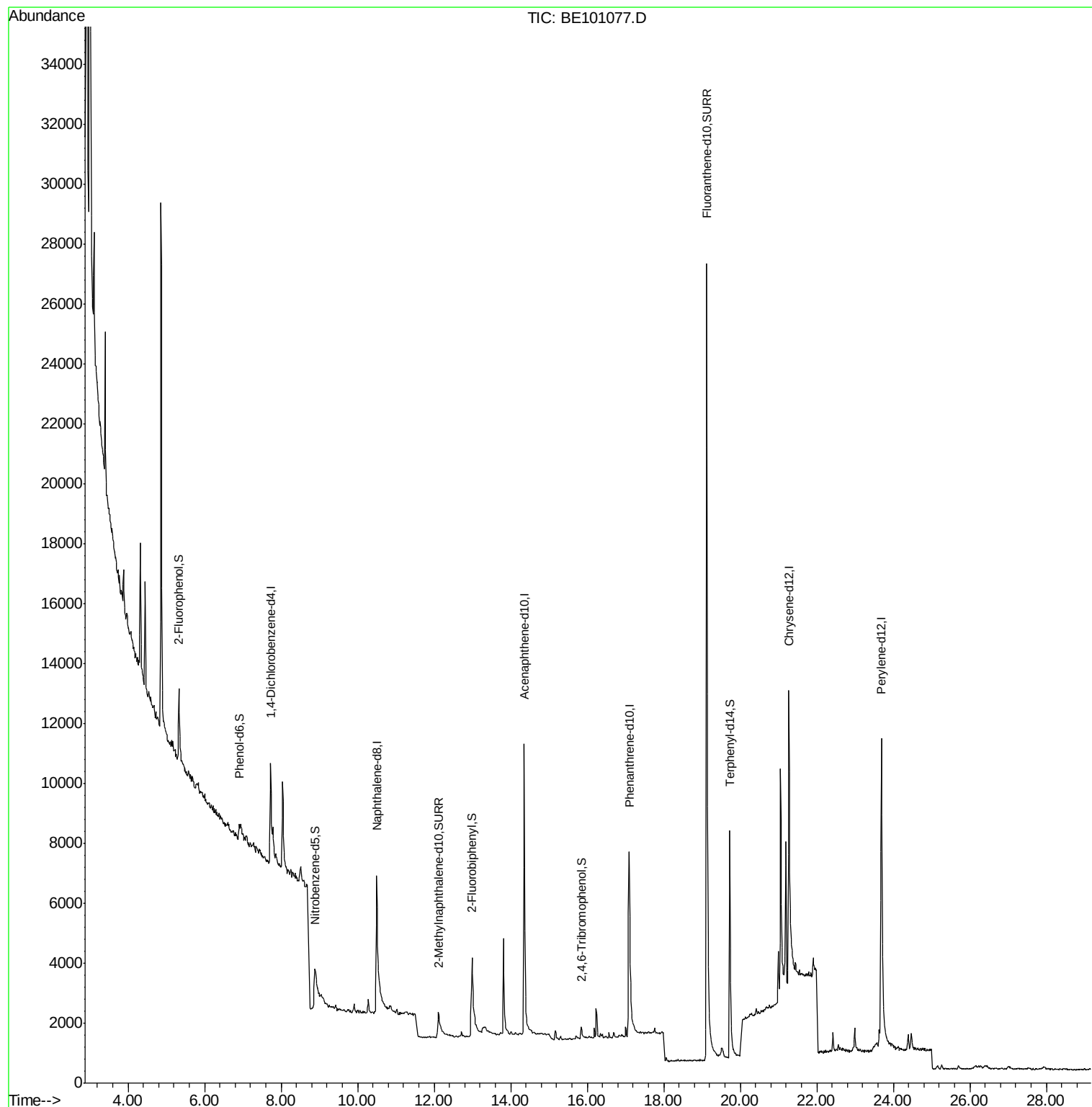
Target Compounds	Qvalue
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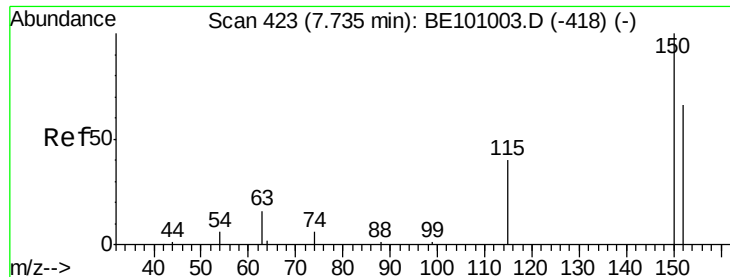
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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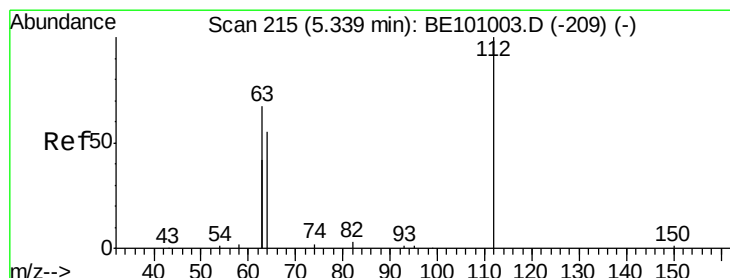
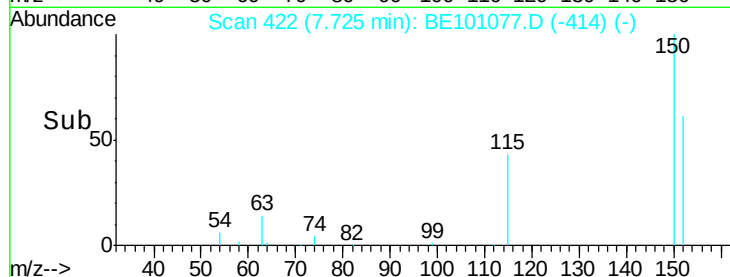
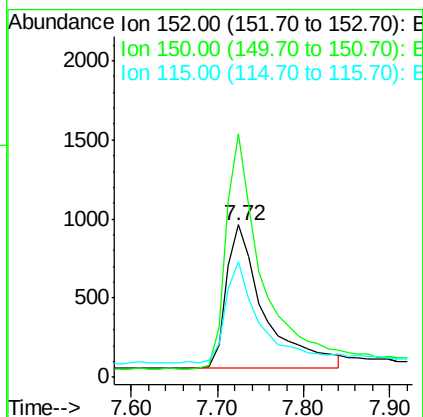
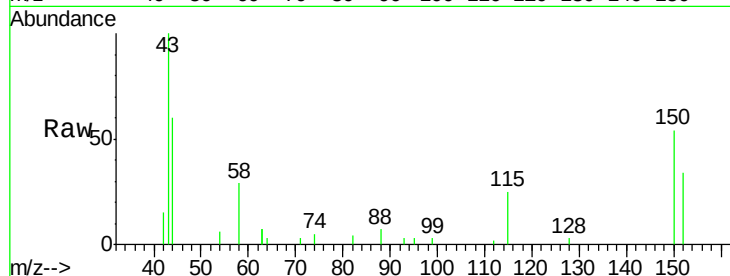


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101077.D
Acq: 16 Jan 2020 15:59

Instrument :
BNA_E
ClientSampleId :
PB126135BL

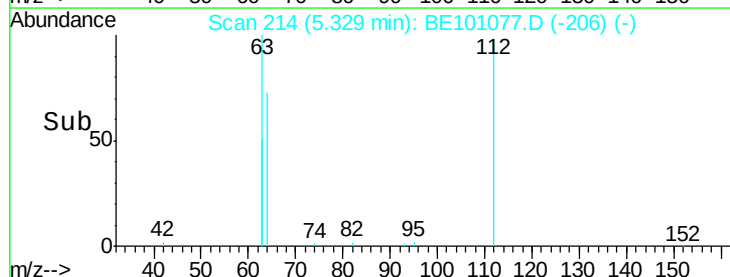
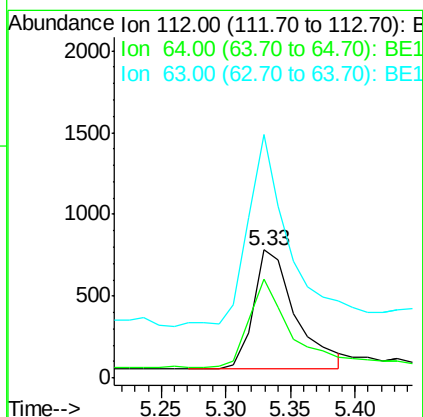
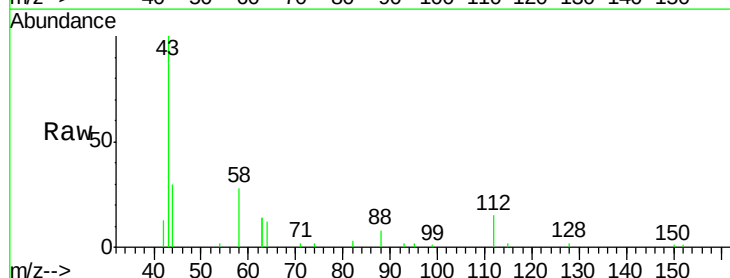
Tot Ion:152 Resp: 2771
Ion Ratio Lower Upper
152 100
150 159.5 120.3 180.5
115 75.5 51.7 77.5

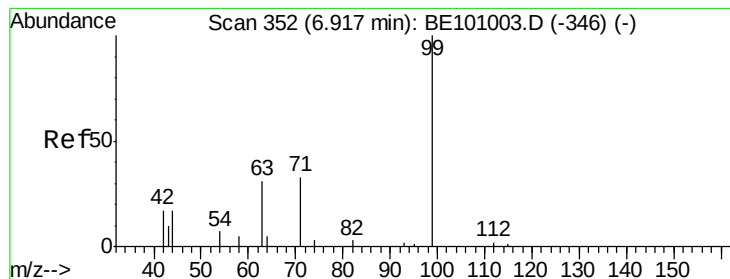


#4

2-Fluorophenol
Concen: 0.268 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101077.D
Acq: 16 Jan 2020 15:59

Tgt Ion:112 Resp: 1672
Ion Ratio Lower Upper
112 100
64 71.2 53.6 80.4
63 154.3 114.6 172.0





#5

Phenol-d6

Concen: 0.200 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101077.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_E

ClientSampleId :

PB126135BL

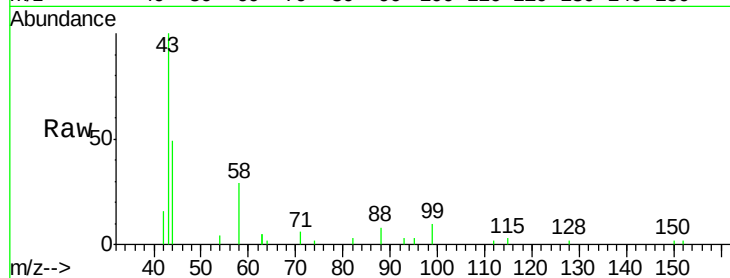
Tot Ion: 99 Resp: 1577

Ion Ratio Lower Upper

99 100

42 16.6 18.3 27.5#

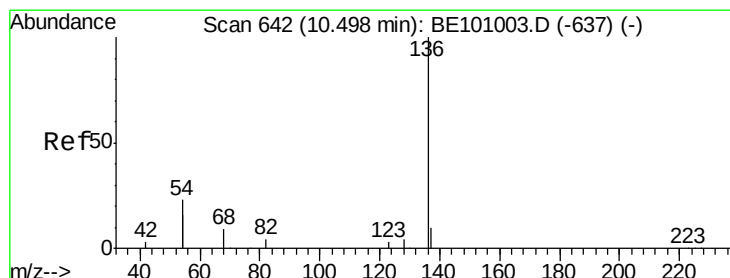
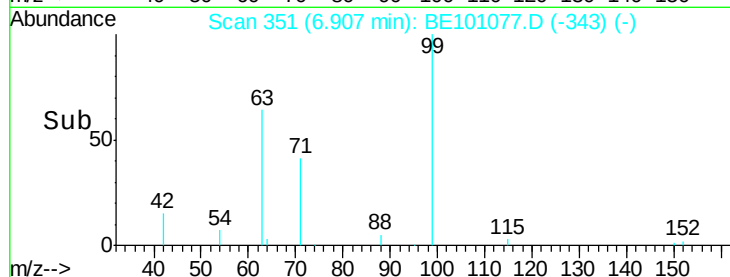
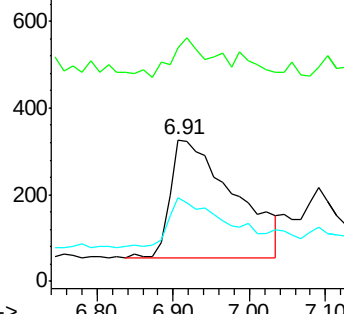
71 38.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101077.D

Acq: 16 Jan 2020 15:59

Tgt Ion: 136 Resp: 9531

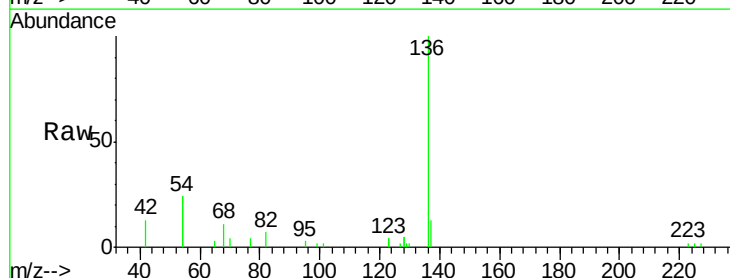
Ion Ratio Lower Upper

136 100

137 12.8 9.3 13.9

54 47.1 36.8 55.2

68 10.8 8.4 12.6

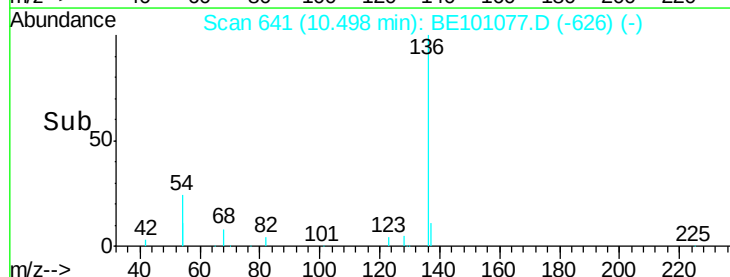
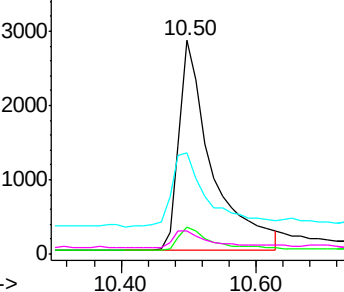


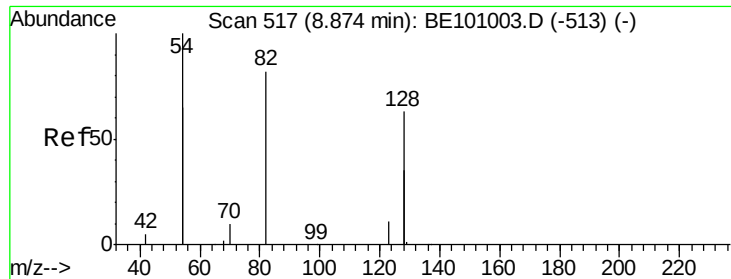
Abundance Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.257 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101077.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_E

ClientSampleId :

PB126135BL

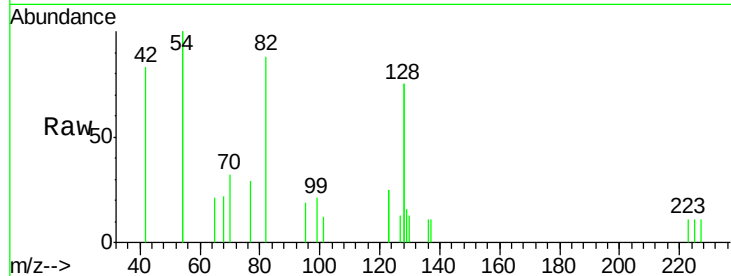
Tot Ion: 82 Resp: 1752

Ion Ratio Lower Upper

82 100

128 170.9 109.8 164.6#

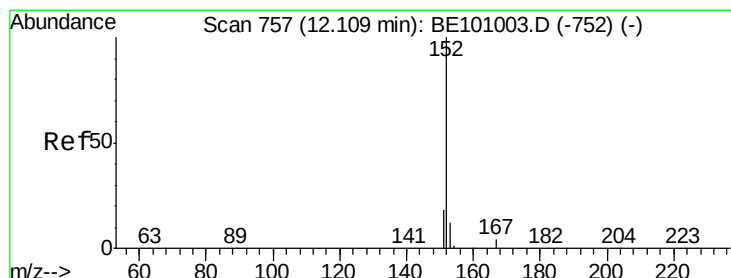
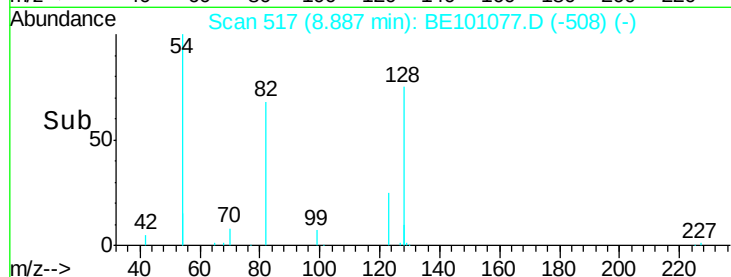
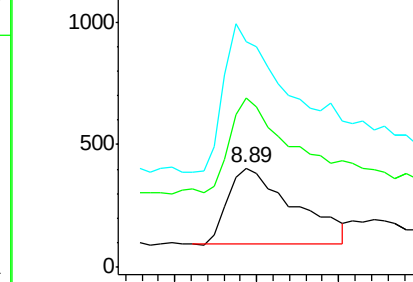
54 227.7 174.5 261.7



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.174 ng

RT: 12.11 min Scan# 756

Delta R.T. 0.00 min

Lab File: BE101077.D

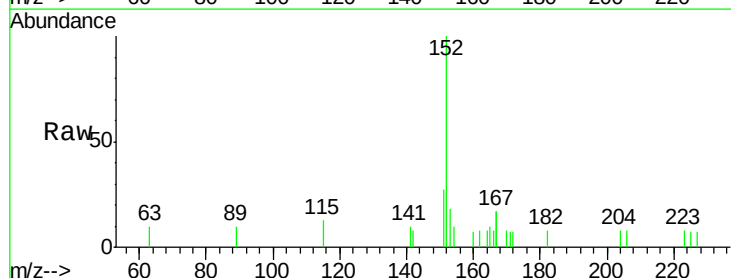
Acq: 16 Jan 2020 15:59

Tgt Ion: 152 Resp: 3168

Ion Ratio Lower Upper

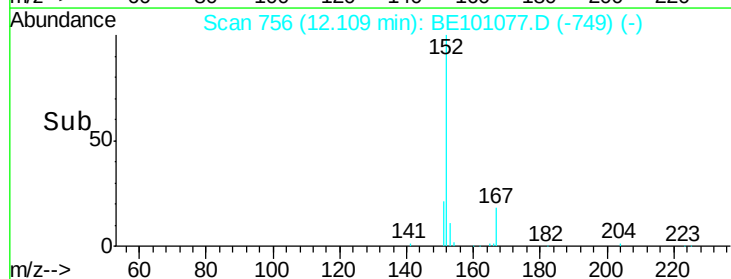
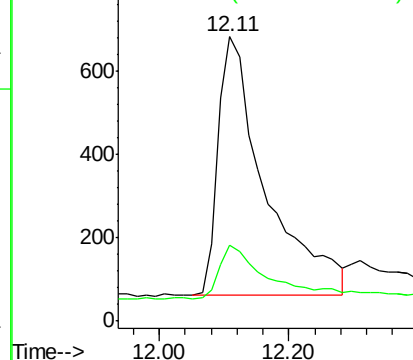
152 100

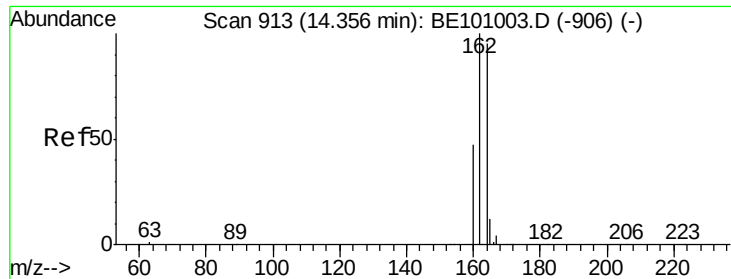
151 23.0 15.0 22.6#



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

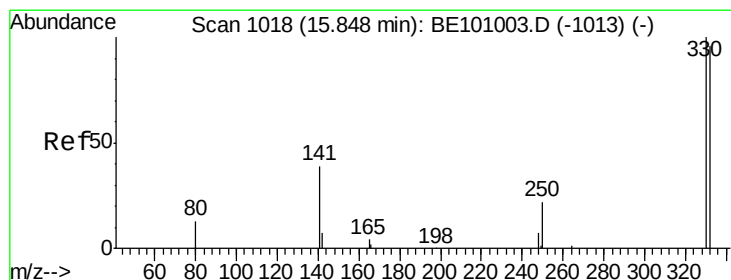
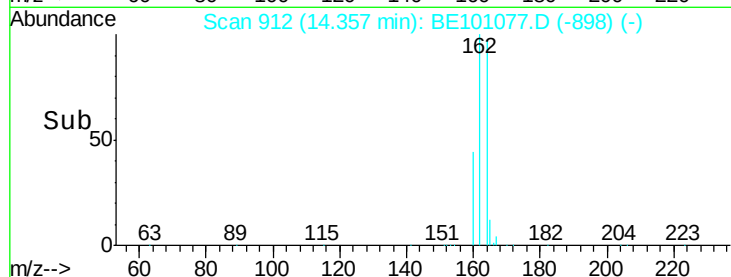
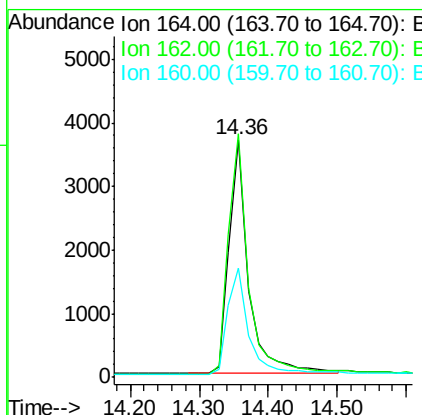
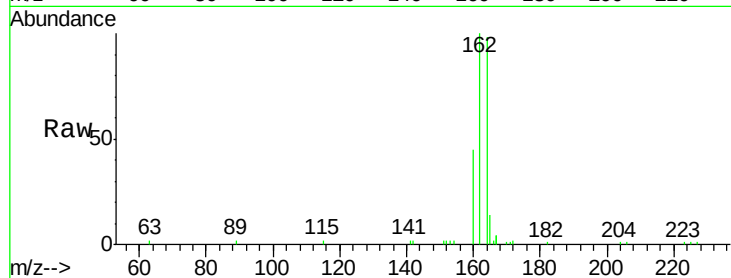




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BE101077.D
 Acq: 16 Jan 2020 15:59

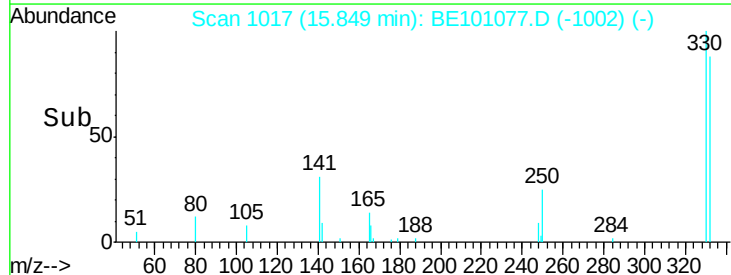
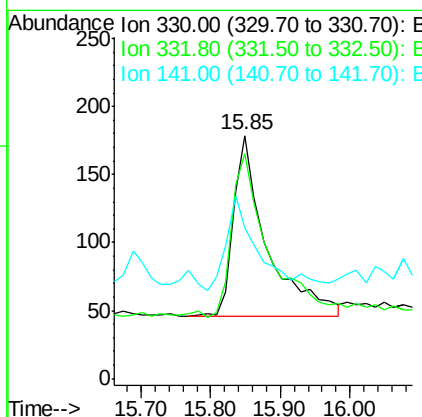
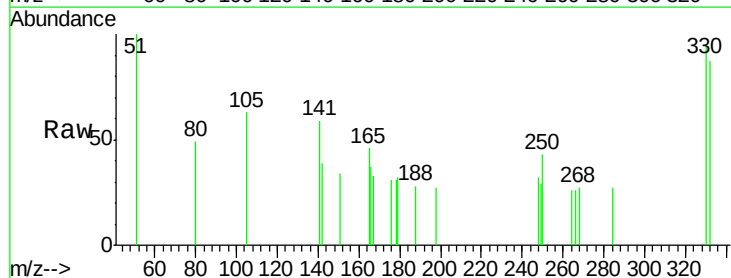
Instrument :
 BNA_E
 ClientSampleId :
 PB126135BL

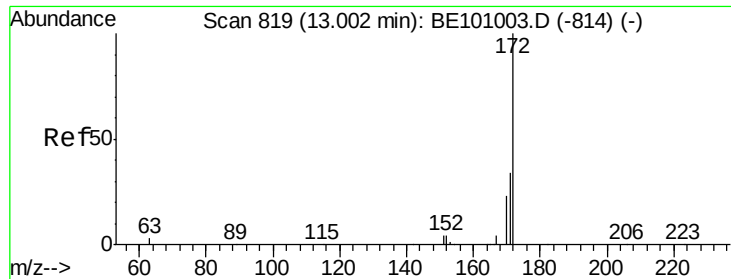
Tot Ion:164 Resp: 7263
 Ion Ratio Lower Upper
 164 100
 162 102.4 84.1 126.1
 160 46.2 40.4 60.6



#14
 2,4,6-Tribromophenol
 Concen: 0.215 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101077.D
 Acq: 16 Jan 2020 15:59

Tgt Ion:330 Resp: 441
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.4 117.6
 141 51.2 37.0 55.4

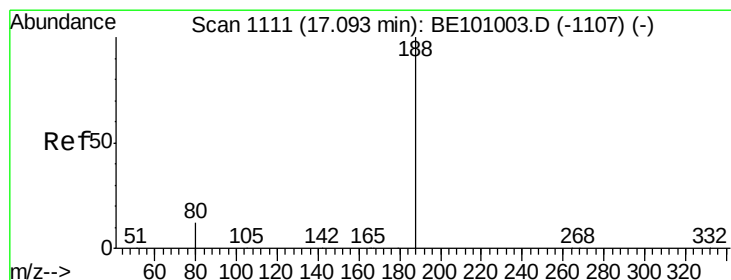
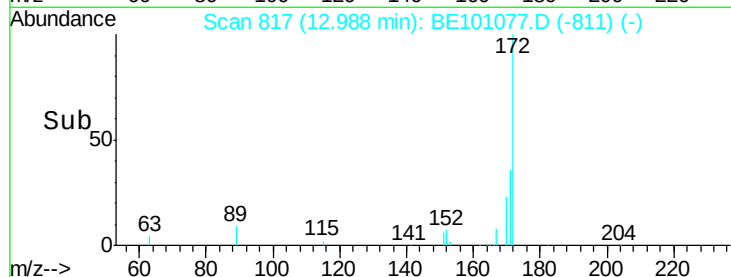
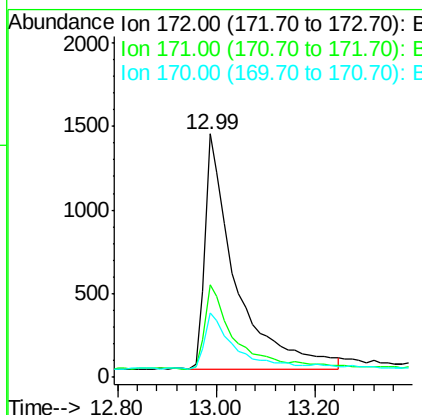
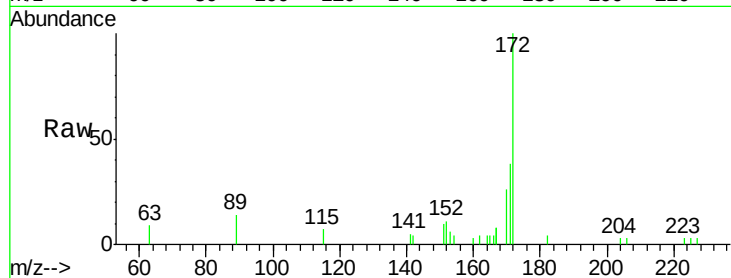




#15
2-Fluorobiphenyl
Concen: 0.220 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101077.D
Acq: 16 Jan 2020 15:59

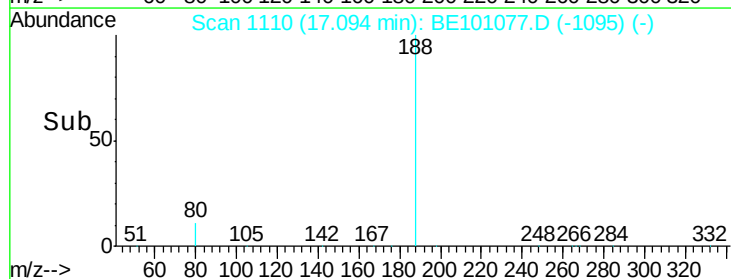
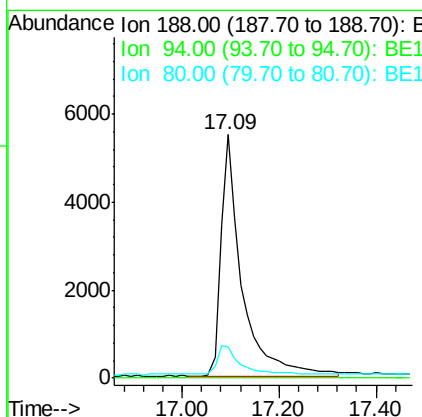
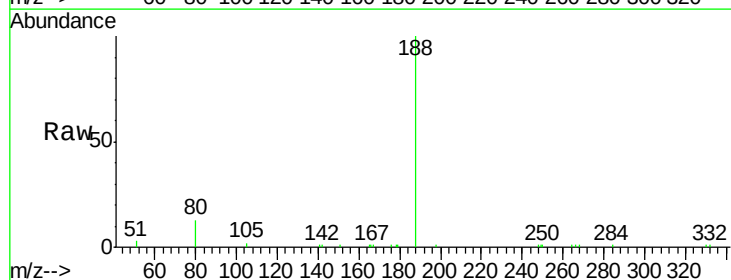
Instrument :
BNA_E
ClientSampleId :
PB126135BL

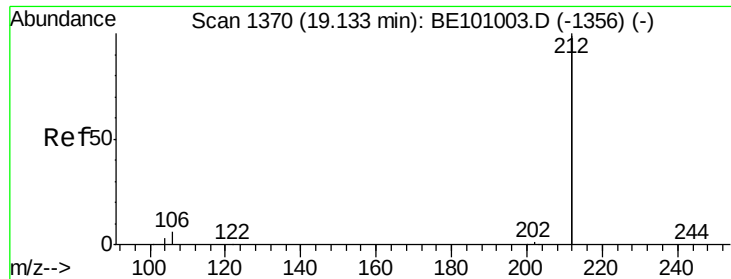
Tot Ion:172 Resp: 6072
Ion Ratio Lower Upper
172 100
171 37.9 28.2 42.2
170 26.3 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101077.D
Acq: 16 Jan 2020 15:59

Tgt Ion:188 Resp: 16425
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 10.8 16.2

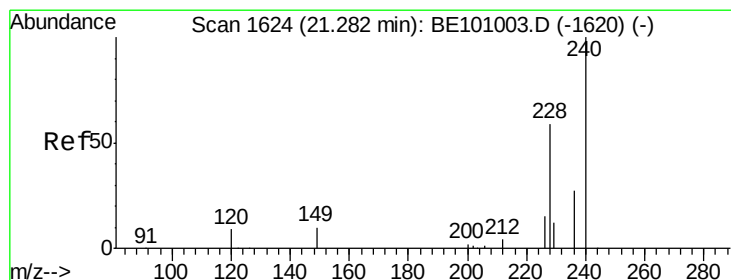
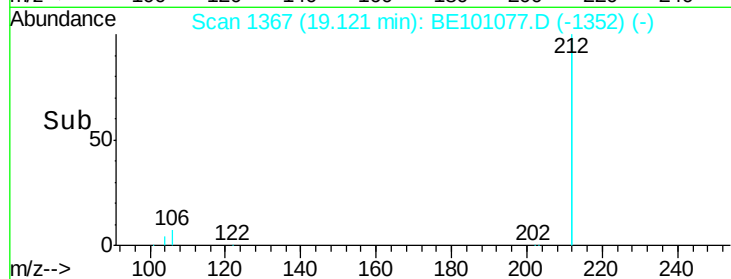
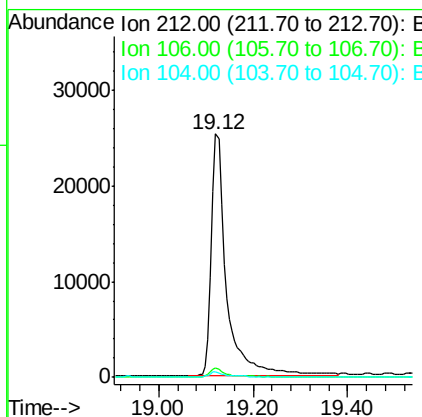
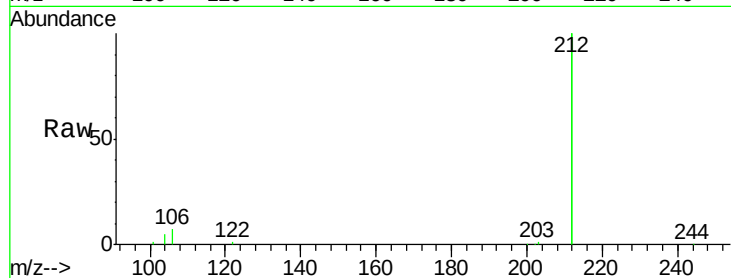




#25
 Fluoranthene-d10
 Concen: 0.245 ng
 RT: 19.12 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BE101077.D
 Acq: 16 Jan 2020 15:59

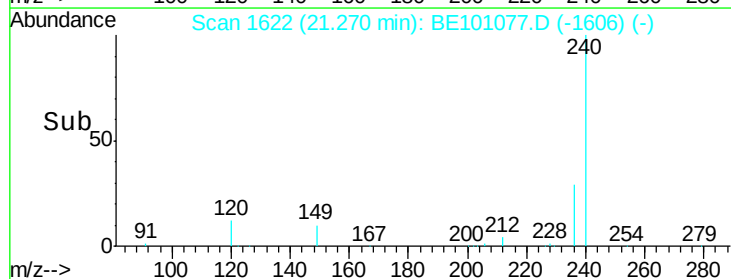
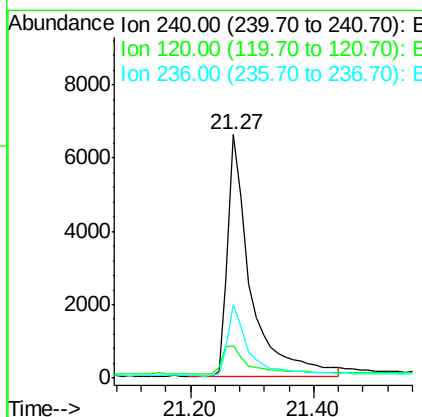
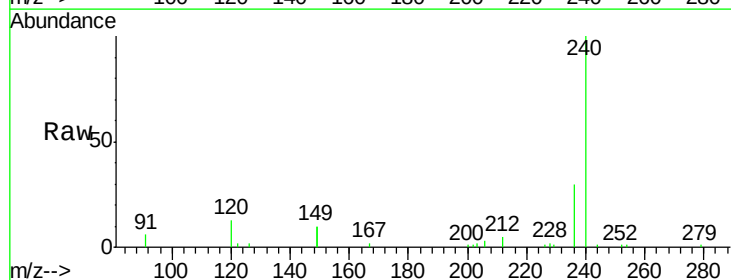
Instrument :
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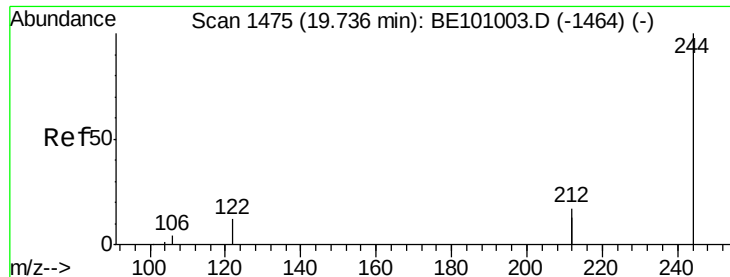
Tot Ion:212 Resp: 55878
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.6 3.8
 104 1.9 1.4 2.0



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BE101077.D
 Acq: 16 Jan 2020 15:59

Tgt Ion:240 Resp: 17007
 Ion Ratio Lower Upper
 240 100
 120 13.3 8.6 13.0#
 236 30.2 22.2 33.4





#29

Terphenyl-d14

Concen: 0.258 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101077.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_E

ClientSampleId :

PB126135BL

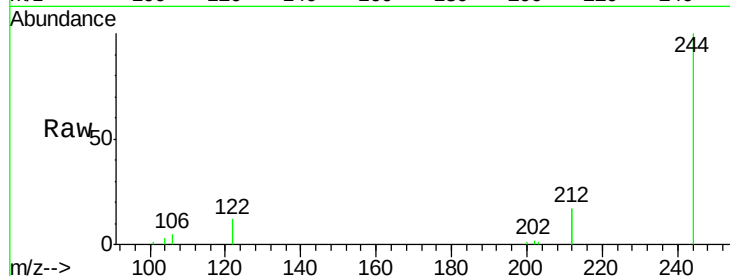
Tot Ion:244 Resp: 10763

Ion Ratio Lower Upper

244 100

212 34.8 27.2 40.8

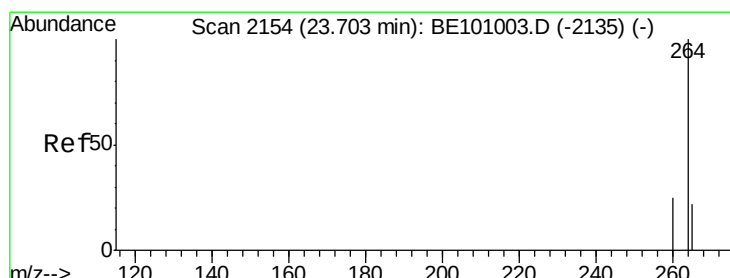
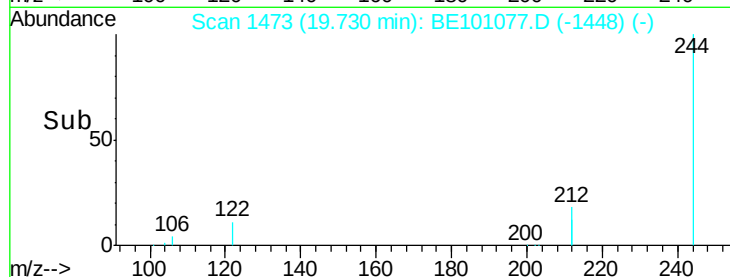
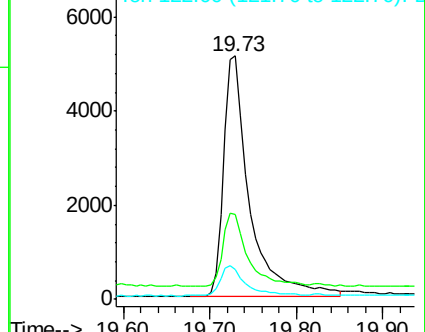
122 12.4 9.8 14.8



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: 23.69 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BE101077.D

Acq: 16 Jan 2020 15:59

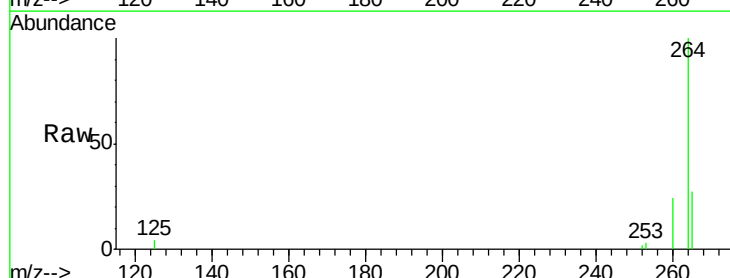
Tgt Ion:264 Resp: 21098

Ion Ratio Lower Upper

264 100

260 23.6 20.3 30.5

265 27.2 27.0 40.4



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

