

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011020\
 Data File : BE101020.D
 Acq On : 10 Jan 2020 11:21
 Operator : JU
 Sample : PB125982BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125982BL

Quant Time: Jan 10 13:03:25 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	7.74	152	3071	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	12279	0.40	ng	0.01
13) Acenaphthene-d10	14.37	164	6833	0.40	ng	0.01
19) Phenanthrene-d10	17.11	188	13568	0.40	ng	0.01
27) Chrysene-d12	21.28	240	12175	0.40	ng	0.00
34) Perylene-d12	23.70	264	14683	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2143	0.31	ng	0.00
5) Phenol-d6	6.92	99	2206	0.25	ng	0.00
8) Nitrobenzene-d5	8.89	82	2141	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	12.12	152	6614	0.28	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	258m	0.13	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	9046	0.35	ng	0.00
25) Fluoranthene-d10	19.13	212	52648	0.28	ng	0.00
29) Terphenyl-d14	19.74	244	9805	0.33	ng	0.00

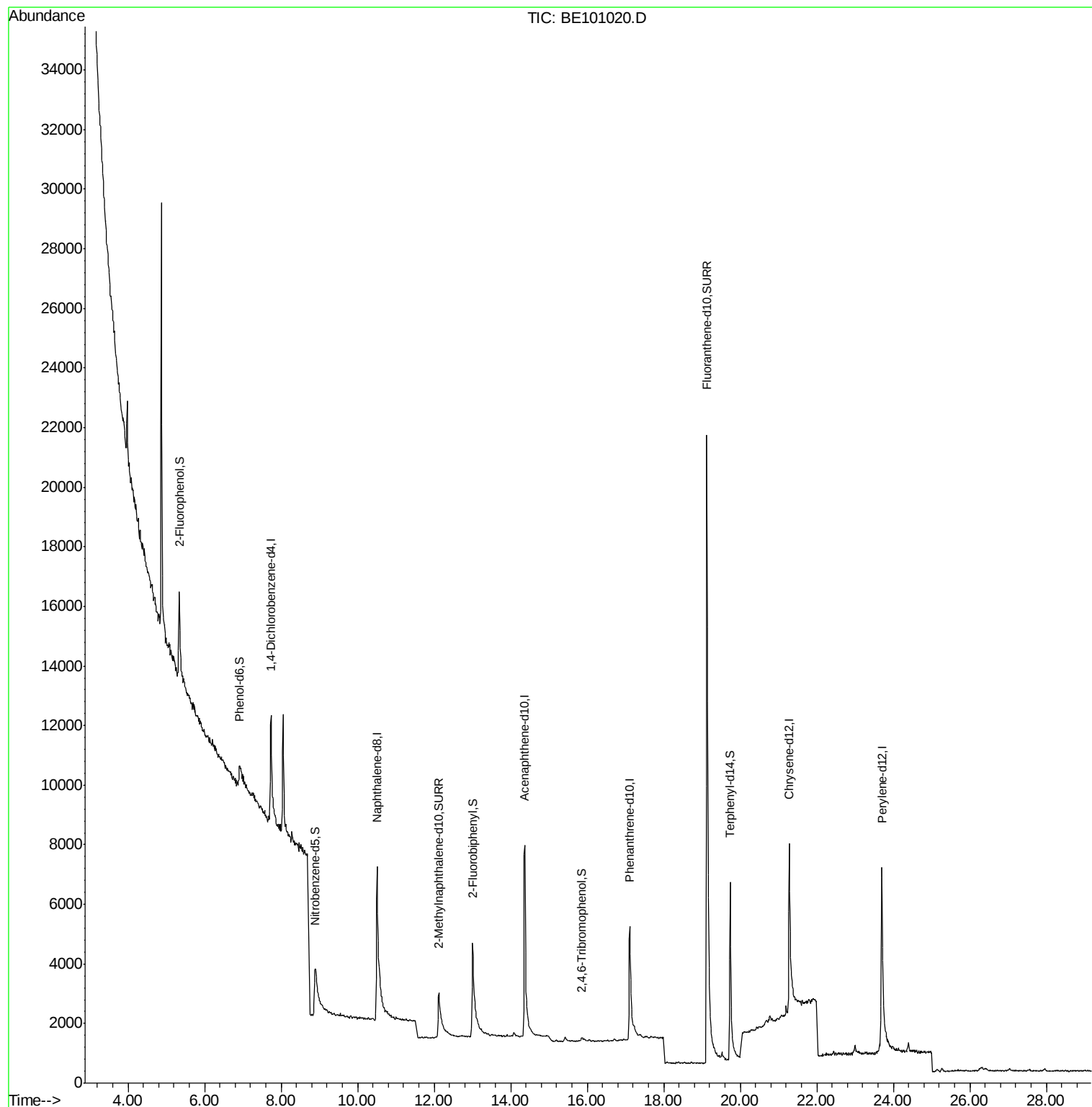
Target Compounds Qvalue

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

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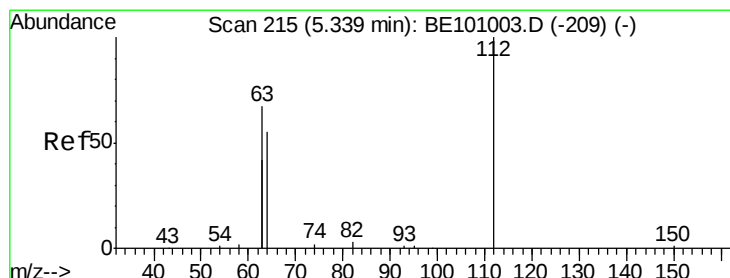
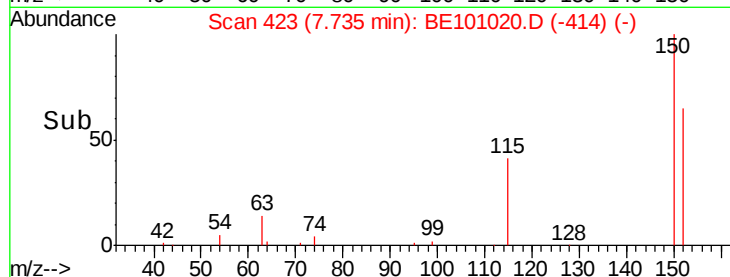
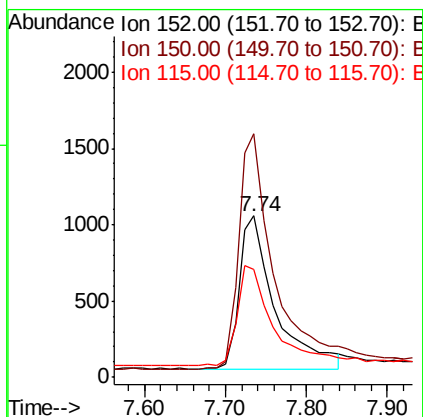
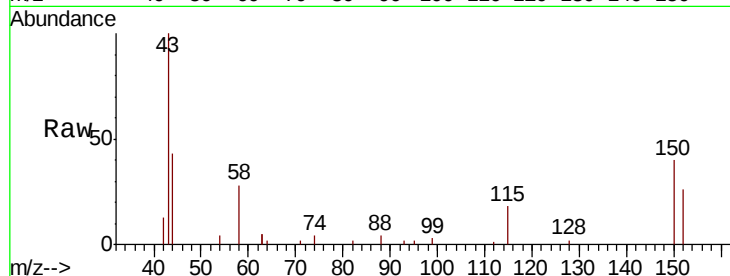


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101020.D
Acq: 10 Jan 2020 11:21

Instrument :
BNA_E
ClientSampleId :
PB125982BL

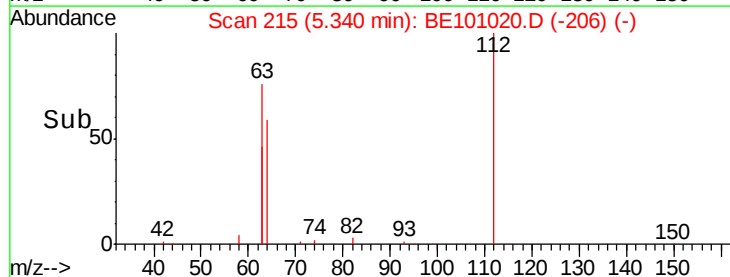
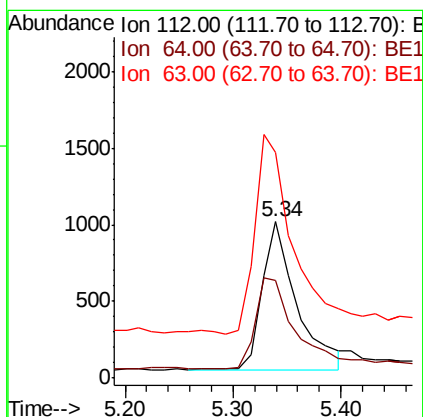
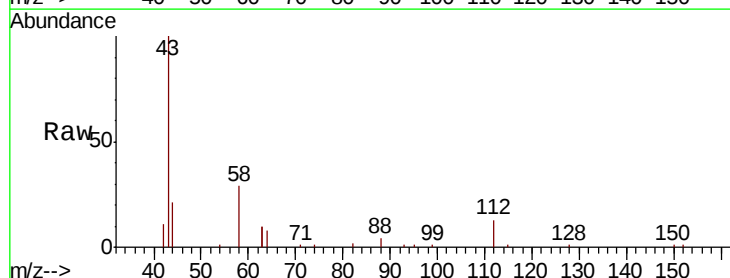
Tot Ion:152 Resp: 3071
Ion Ratio Lower Upper
152 100
150 151.1 120.3 180.5
115 67.0 51.7 77.5

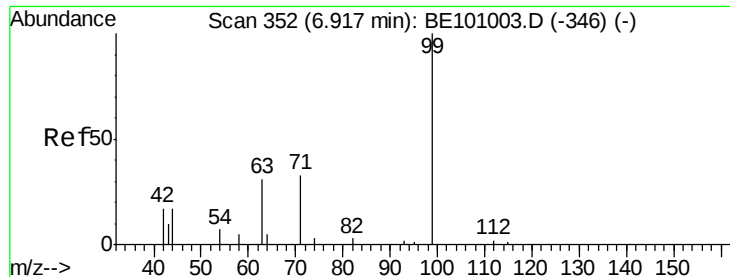


#4

2-Fluorophenol
Concen: 0.310 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101020.D
Acq: 10 Jan 2020 11:21

Tgt Ion:112 Resp: 2143
Ion Ratio Lower Upper
112 100
64 71.0 53.6 80.4
63 150.1 114.6 172.0





#5

Phenol-d6

Concen: 0.252 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

Instrument :

BNA_E

ClientSampleId :

PB125982BL

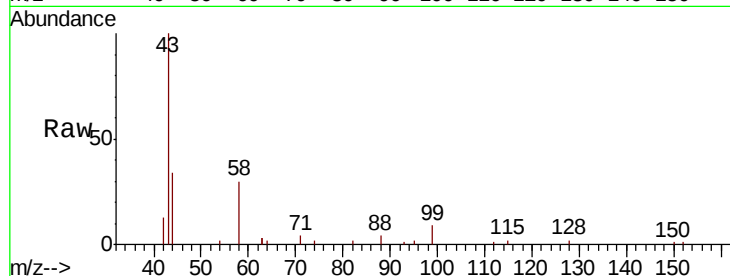
Tot Ion: 99 Resp: 2206

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

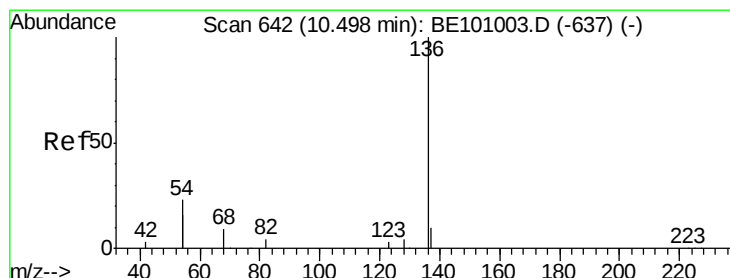
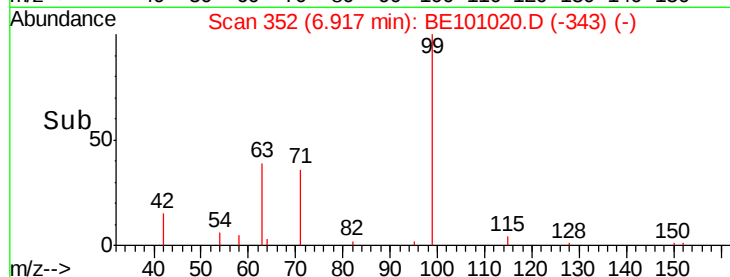
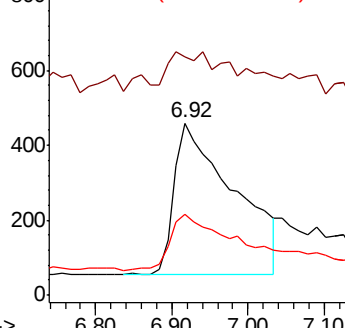
71 40.8 28.0 42.0



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: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

Tgt Ion: 136 Resp: 12279

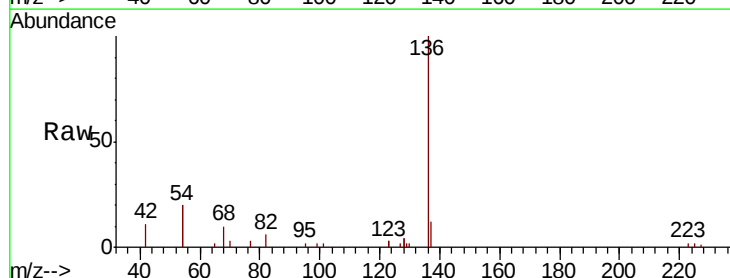
Ion Ratio Lower Upper

136 100

137 12.3 9.3 13.9

54 40.1 36.8 55.2

68 9.7 8.4 12.6

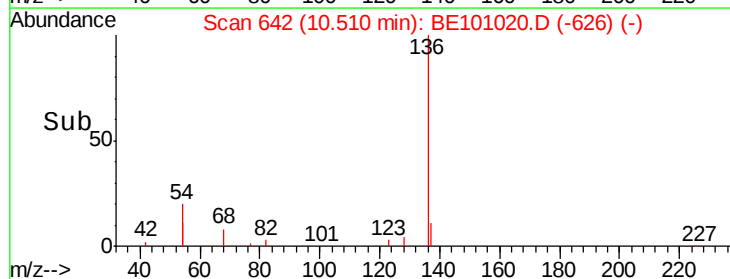
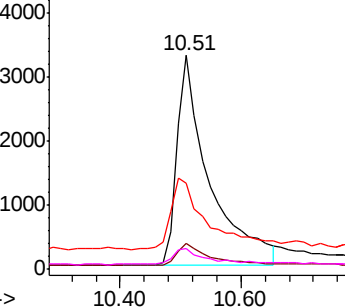


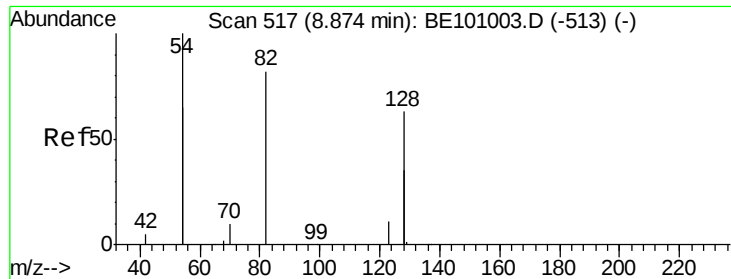
Abundance Ion 136.00 (135.70 to 136.70): BE1

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

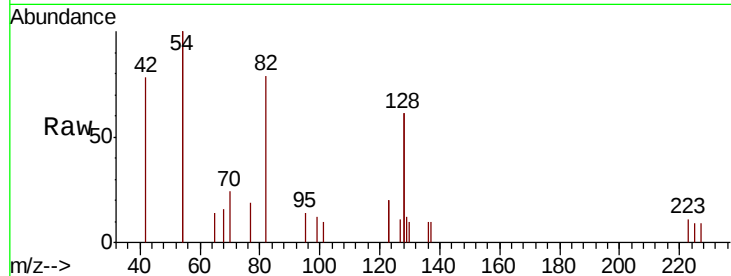




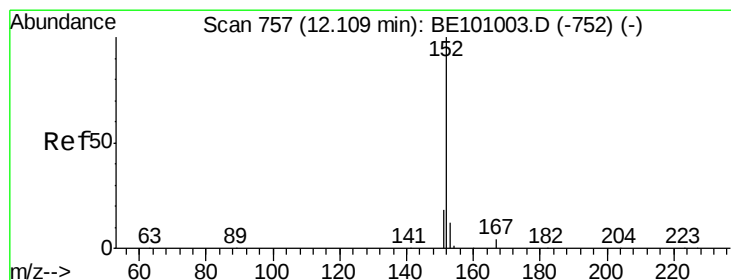
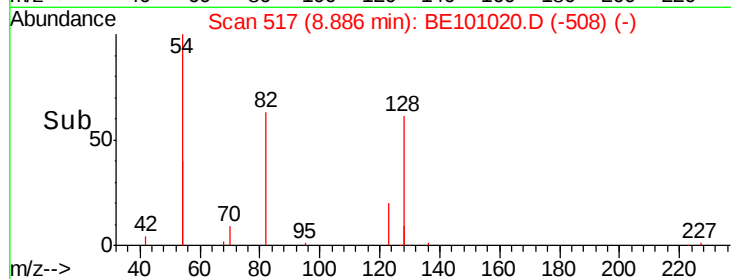
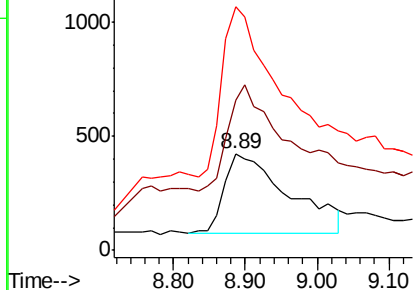
#8
 Nitrobenzene-d5
 Concen: 0.244 ng
 RT: 8.89 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: BE101020.D
 Acq: 10 Jan 2020 11:21

Instrument :
 BNA_E
 ClientSampleId :
 PB125982BL

Tot Ion	82	Resp	2141
Ion Ratio	Lower	Upper	
82	100		
128	155.1	109.8	164.6
54	252.5	174.5	261.7

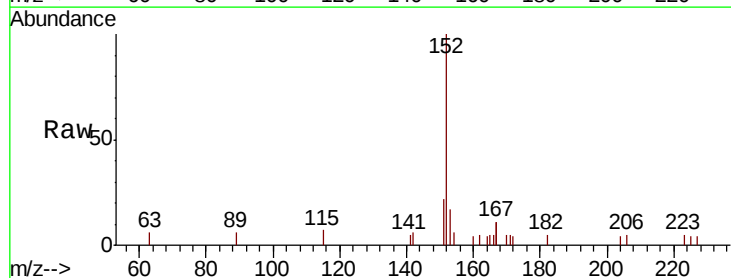


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE1

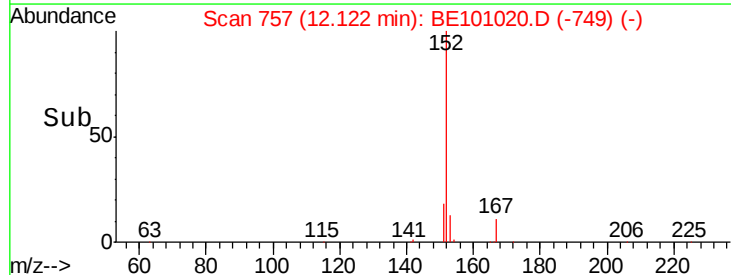
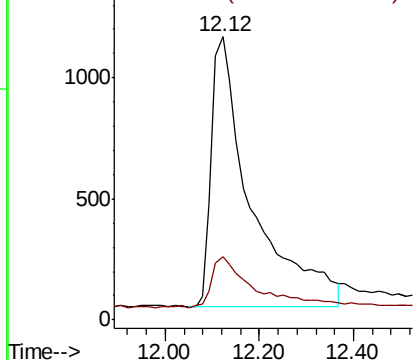


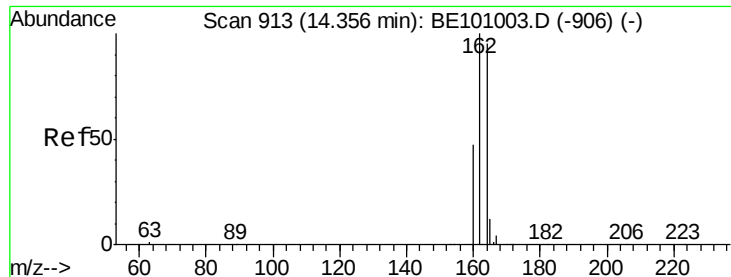
#11
 2-Methylnaphthalene-d10
 Concen: 0.282 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BE101020.D
 Acq: 10 Jan 2020 11:21

Tgt Ion	152	Resp	6614
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.0	22.6



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

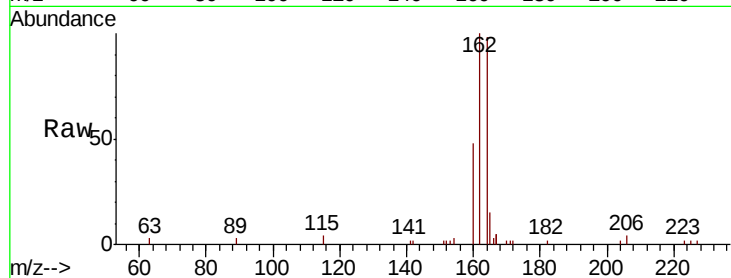




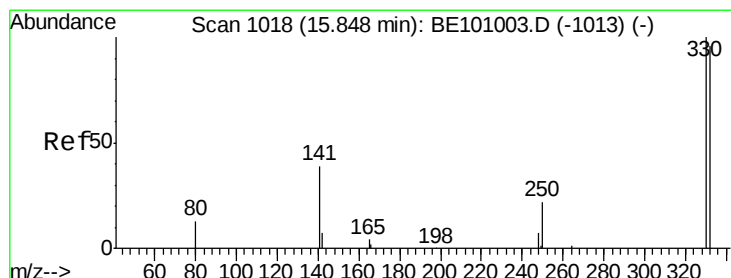
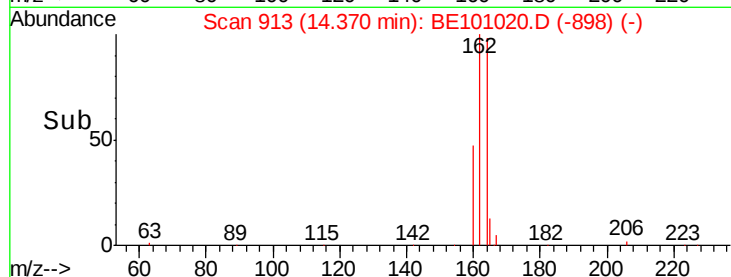
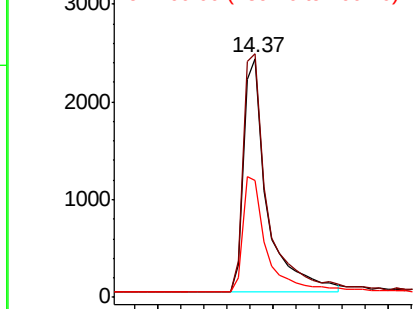
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. 0.01 min
Lab File: BE101020.D
Acq: 10 Jan 2020 11:21

Instrument :
BNA_E
ClientSampleId :
PB125982BL

Tot Ion:164 Resp: 6833
Ion Ratio Lower Upper
164 100
162 101.8 84.1 126.1
160 49.0 40.4 60.6

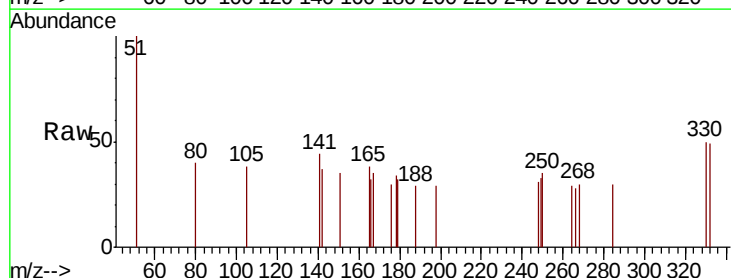


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

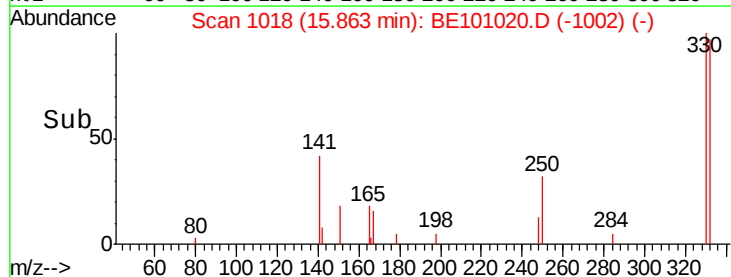
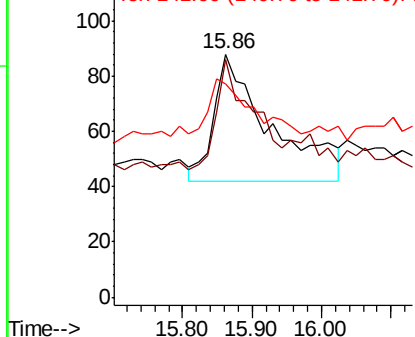


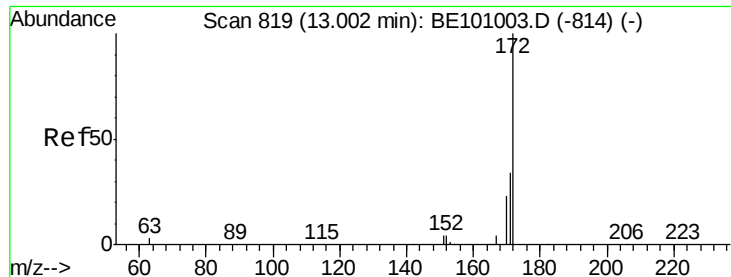
#14
2,4,6-Tribromophenol
Concen: 0.134 ng m
RT: 15.86 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BE101020.D
Acq: 10 Jan 2020 11:21

Tgt Ion:330 Resp: 258
Ion Ratio Lower Upper
330 100
332 55.8 78.4 117.6#
141 37.2 37.0 55.4



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

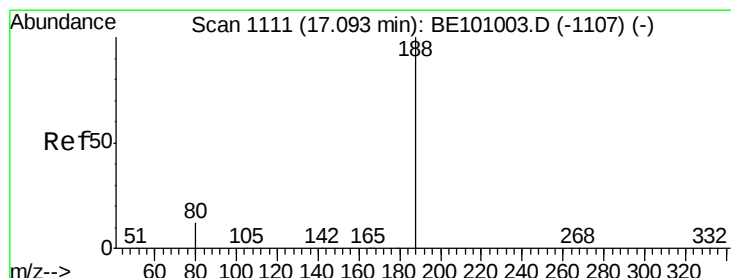
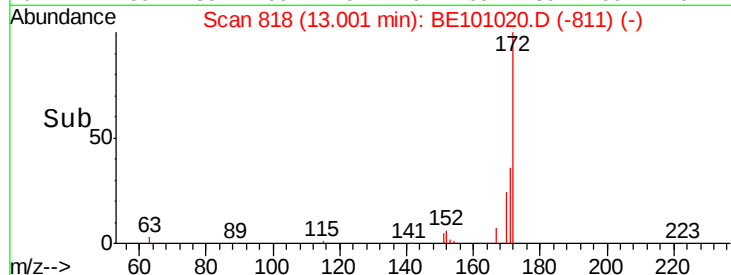
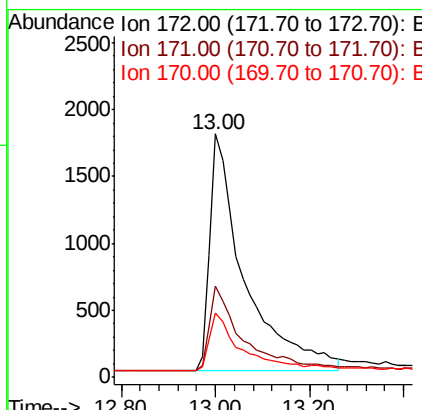
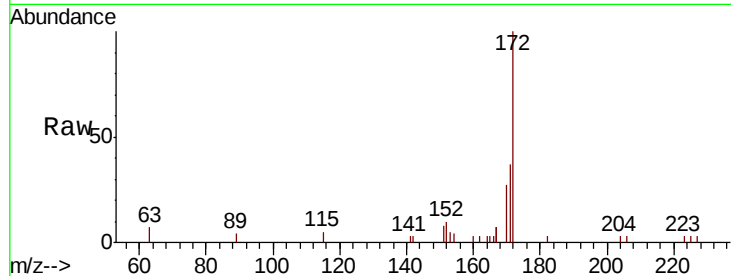




#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101020.D
Acq: 10 Jan 2020 11:21

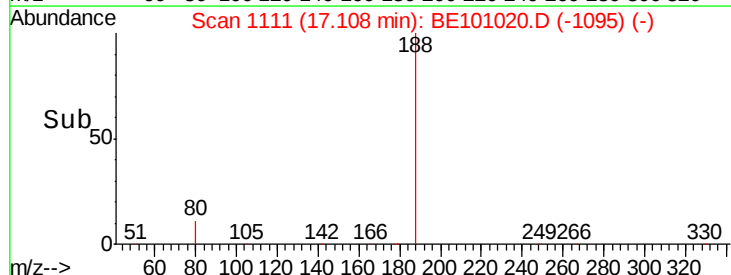
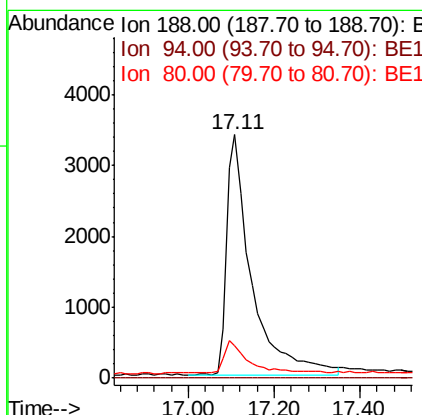
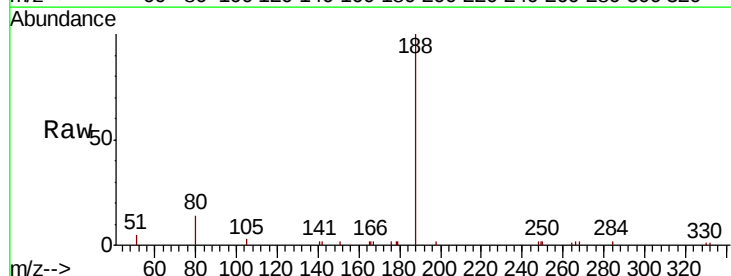
Instrument :
BNA_E
ClientSampleId :
PB125982BL

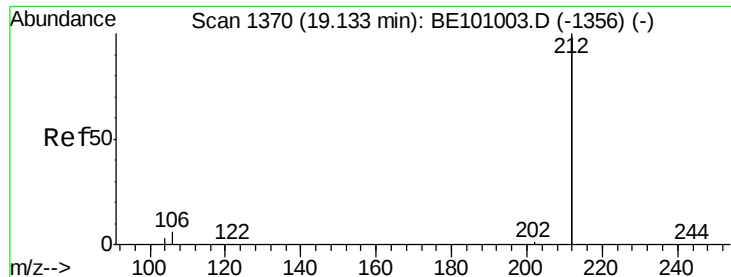
Tot Ion:172 Resp: 9046
Ion Ratio Lower Upper
172 100
171 37.4 28.2 42.2
170 26.7 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE101020.D
Acq: 10 Jan 2020 11:21

Tgt Ion:188 Resp: 13568
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 10.8 16.2

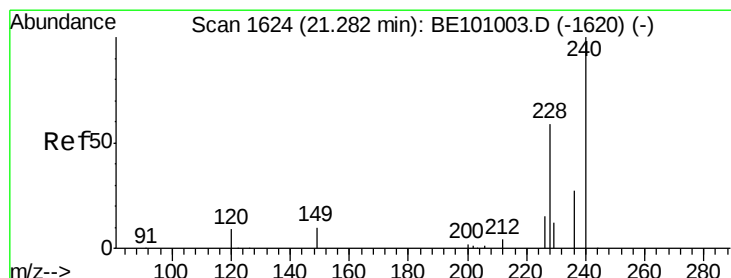
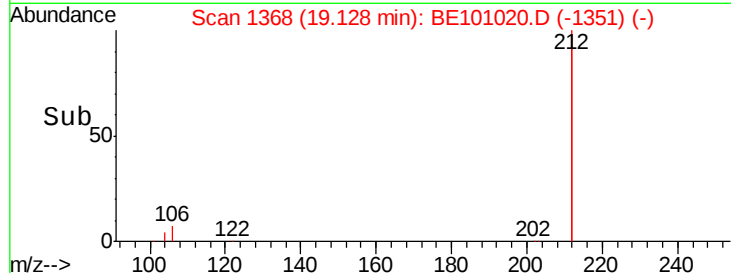
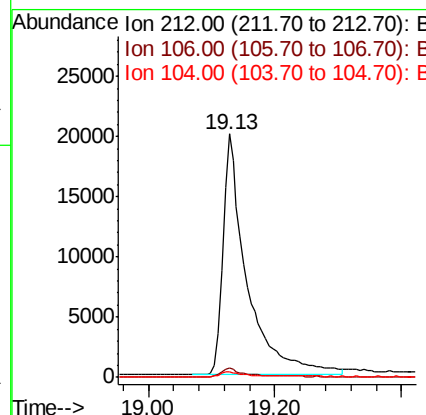
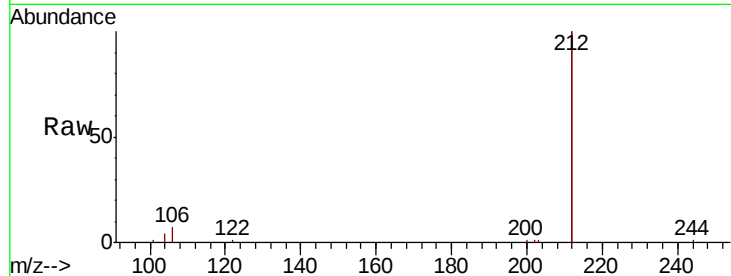




#25
 Fluoranthene-d10
 Concen: 0.279 ng
 RT: 19.13 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: BE101020.D
 Acq: 10 Jan 2020 11:21

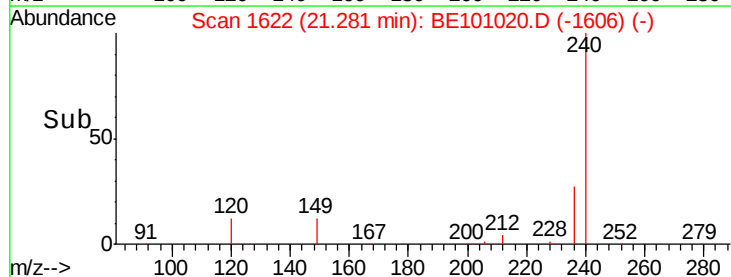
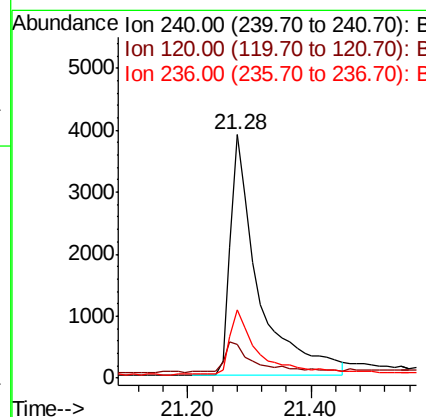
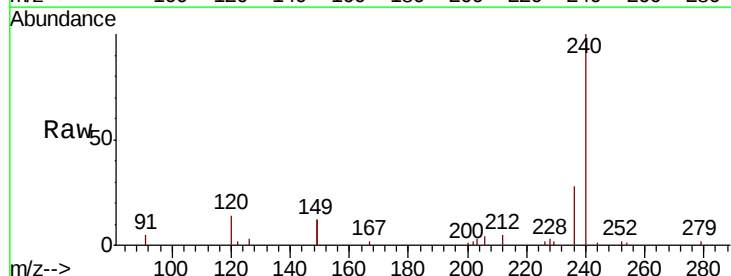
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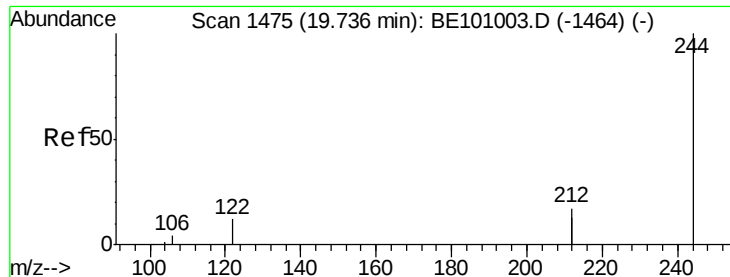
Tot Ion:212 Resp: 52648
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.6 3.8
 104 1.8 1.4 2.0



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BE101020.D
 Acq: 10 Jan 2020 11:21

Tgt Ion:240 Resp: 12175
 Ion Ratio Lower Upper
 240 100
 120 13.9 8.6 13.0#
 236 28.3 22.2 33.4





#29

Terphenyl-d14

Concen: 0.328 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

Instrument :

BNA_E

ClientSampleId :

PB125982BL

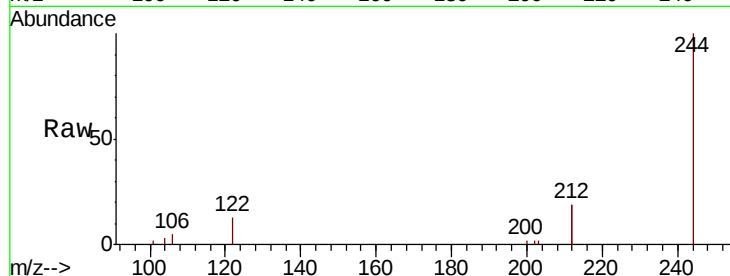
Tot Ion:244 Resp: 9805

Ion Ratio Lower Upper

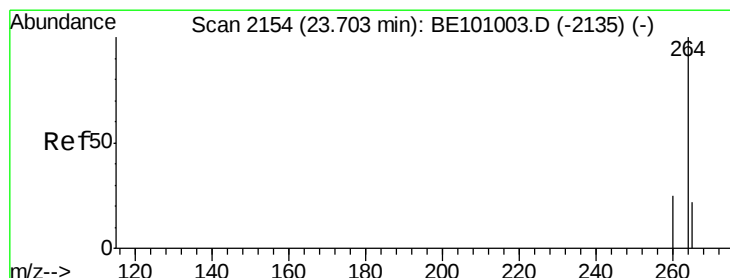
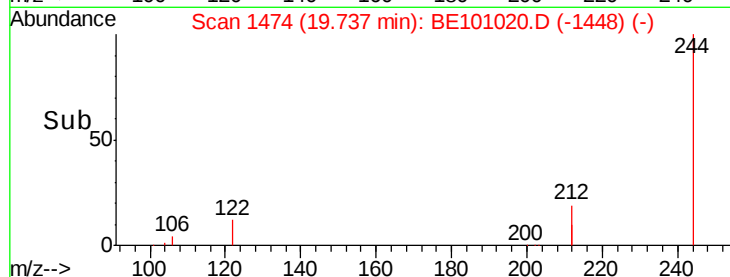
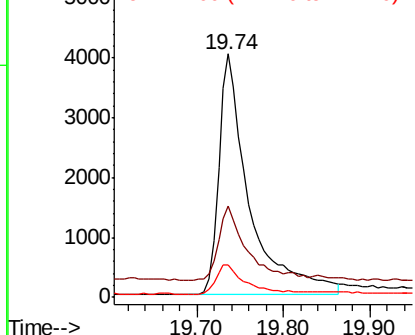
244 100

212 37.4 27.2 40.8

122 13.4 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: 23.70 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

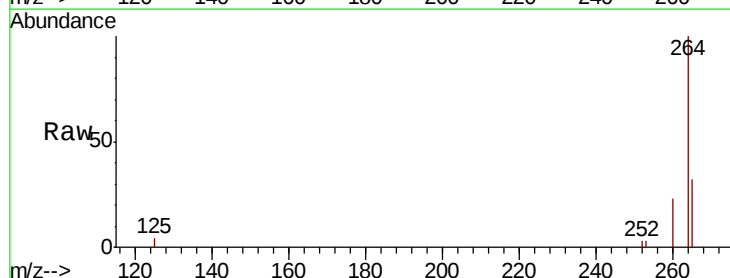
Tgt Ion:264 Resp: 14683

Ion Ratio Lower Upper

264 100

260 23.2 20.3 30.5

265 31.9 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

