

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
 Data File : BE100302.D
 Acq On : 2 Jul 2019 15:01
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 03 02:12:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	578	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	1935	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1537	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	4755	0.40	ng	0.01
27) Chrysene-d12	21.25	240	6590	0.40	ng	0.00
34) Perylene-d12	23.68	264	8401	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	710	0.48	ng	0.00
5) Phenol-d6	6.84	99	826	0.43	ng	0.00
8) Nitrobenzene-d5	8.81	82	823	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	1542	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	517	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	2449	0.41	ng	0.00
25) Fluoranthene-d10	19.10	212	28700	0.42	ng	0.00
29) Terphenyl-d14	19.70	244	6188	0.45	ng	0.00

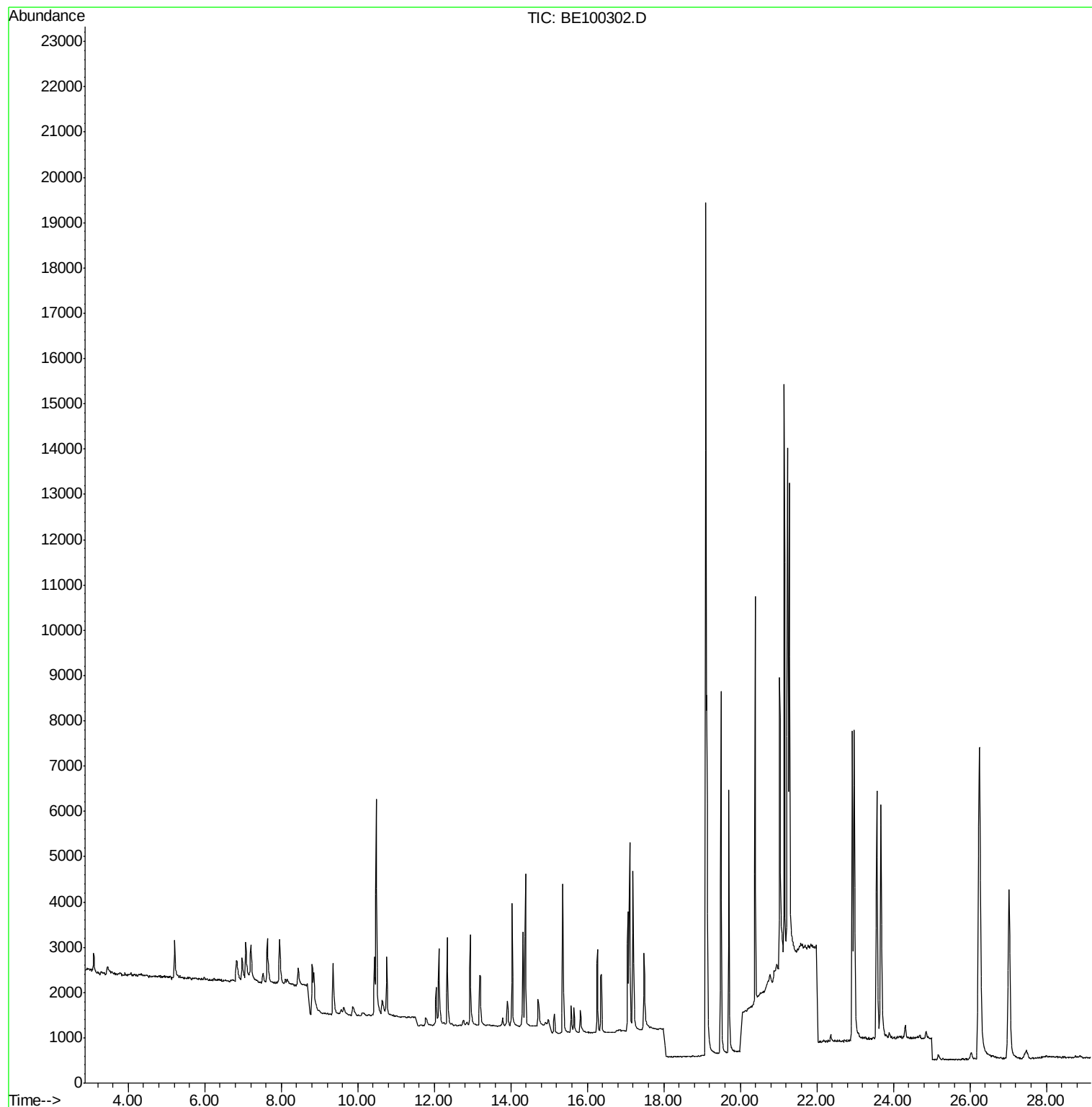
Target Compounds	Qvalue
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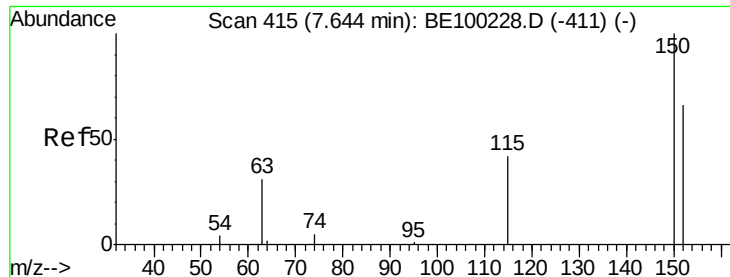
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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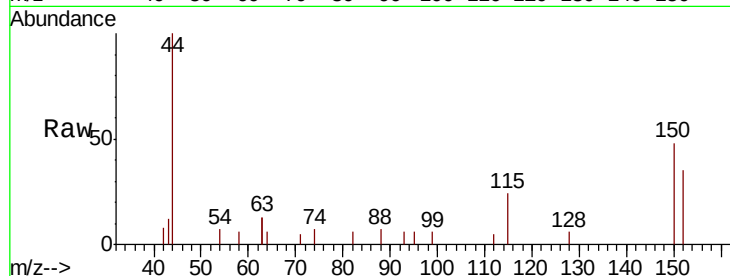


#1

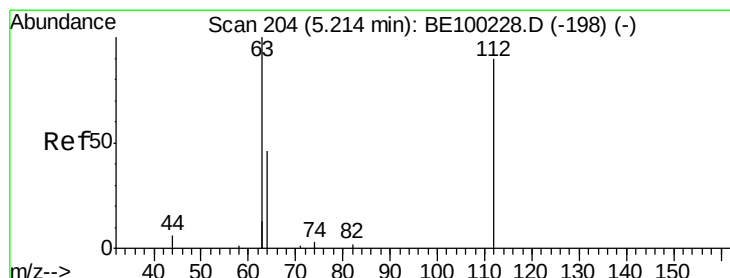
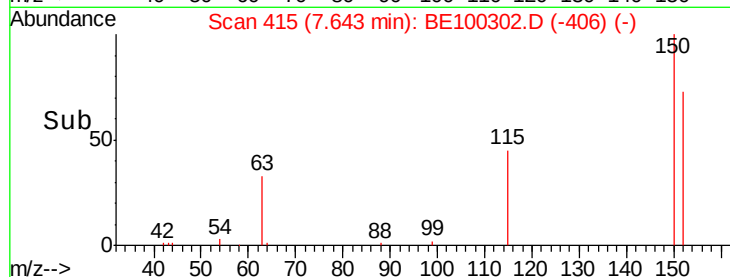
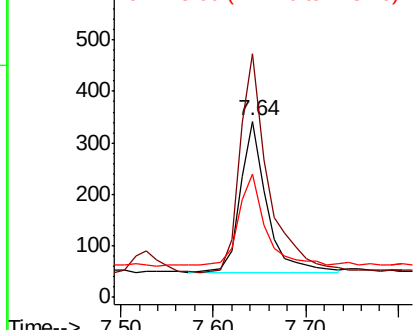
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100302.D
Acq: 2 Jul 2019 15:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 578
Ion Ratio Lower Upper
152 100
150 138.3 114.5 171.7
115 69.9 57.1 85.7



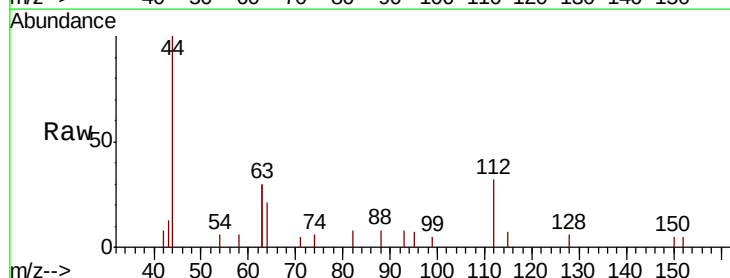
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



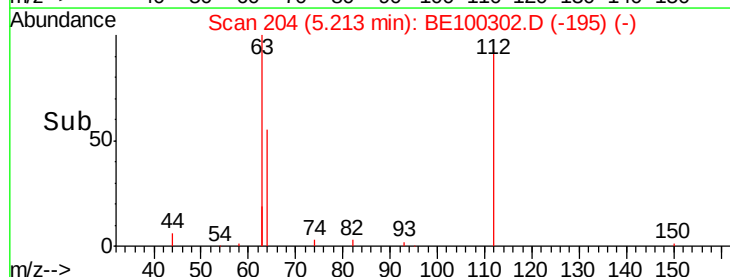
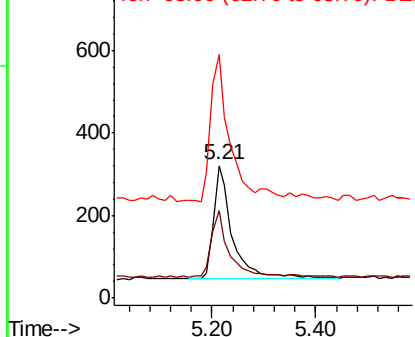
#4

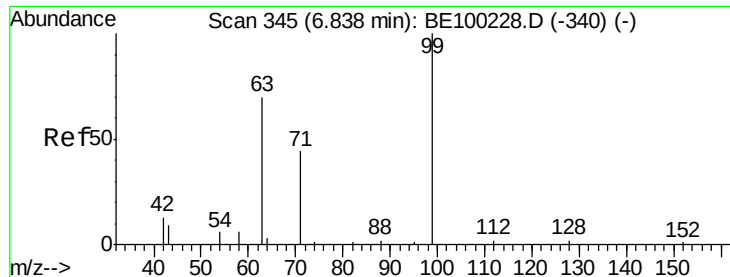
2-Fluorophenol
Concen: 0.482 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100302.D
Acq: 2 Jul 2019 15:01

Tgt Ion:112 Resp: 710
Ion Ratio Lower Upper
112 100
64 56.3 39.4 59.0
63 119.2 104.5 156.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.426 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE100302.D

Acq: 2 Jul 2019 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

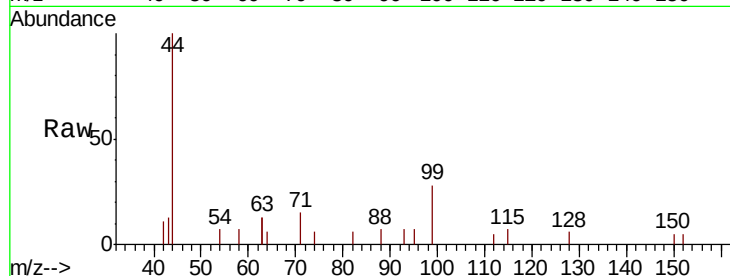
Tgt Ion: 99 Resp: 826

Ion Ratio Lower Upper

99 100

42 14.5 11.2 16.8

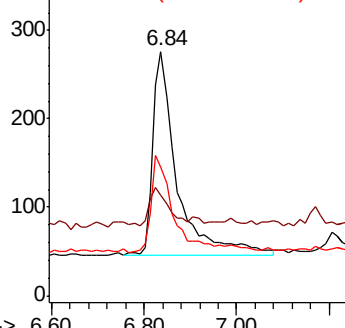
71 46.0 37.2 55.8



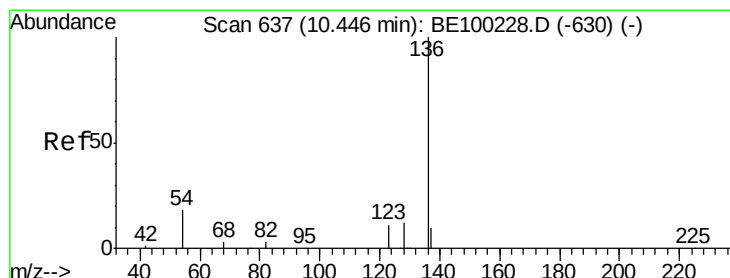
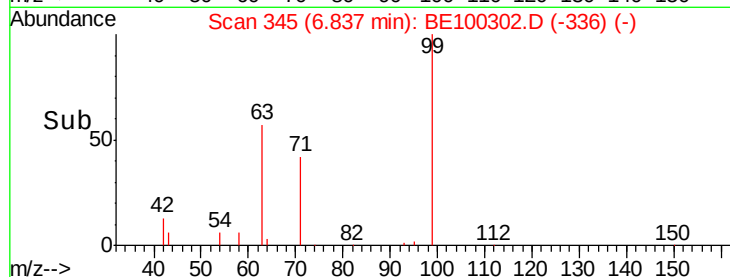
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time--> 6.60 6.80 7.00



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100302.D

Acq: 2 Jul 2019 15:01

Tgt Ion: 136 Resp: 1935

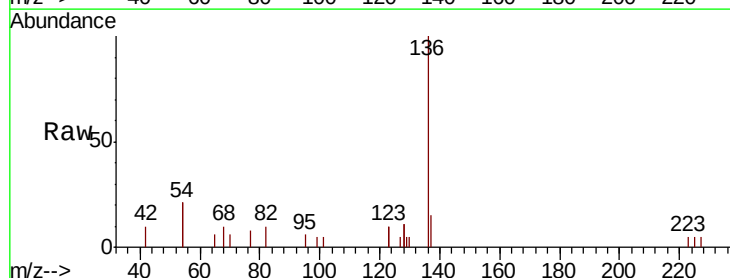
Ion Ratio Lower Upper

136 100

137 14.6 11.8 17.8

54 41.1 27.7 41.5

68 9.8 6.8 10.2

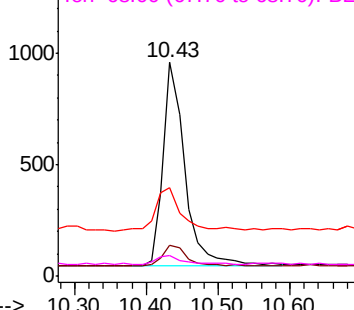


Abundance Ion 136.00 (135.70 to 136.70): E

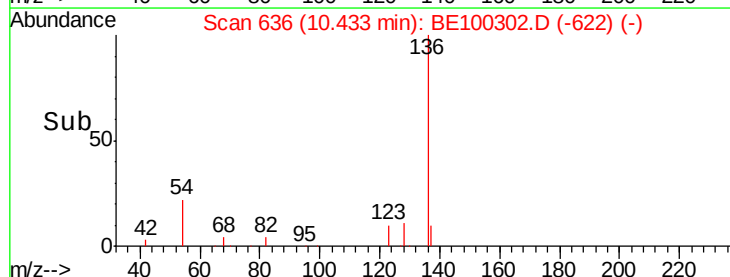
Ion 137.00 (136.70 to 137.70): E

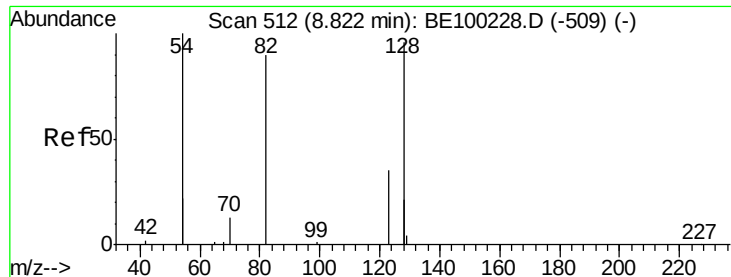
Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



Time--> 10.30 10.40 10.50 10.60





#8

Nitrobenzene-d5

Concen: 0.428 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100302.D

Acq: 2 Jul 2019 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

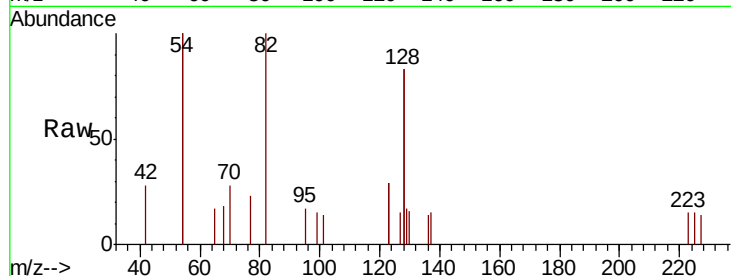
Tgt Ion: 82 Resp: 823

Ion Ratio Lower Upper

82 100

128 167.0 140.9 211.3

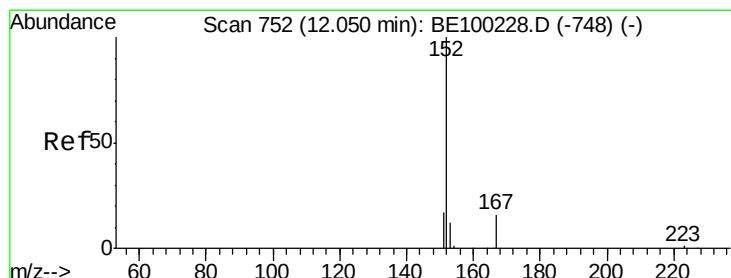
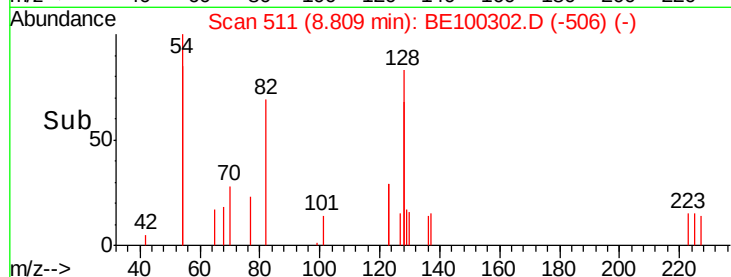
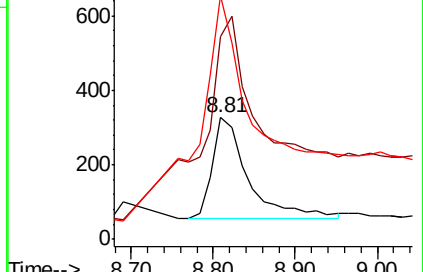
54 200.0 146.2 219.2



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: 0.424 ng

RT: 12.05 min Scan# 752

Delta R.T. 0.00 min

Lab File: BE100302.D

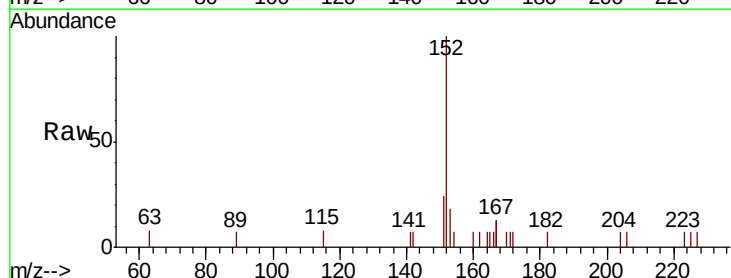
Acq: 2 Jul 2019 15:01

Tgt Ion: 152 Resp: 1542

Ion Ratio Lower Upper

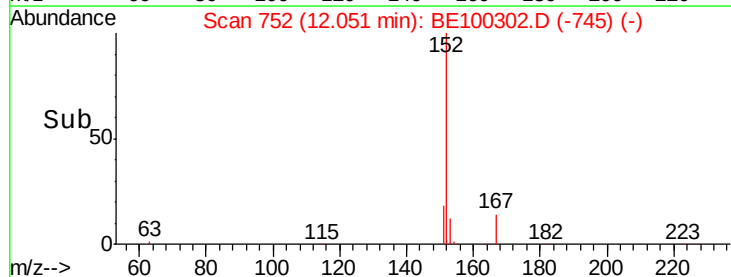
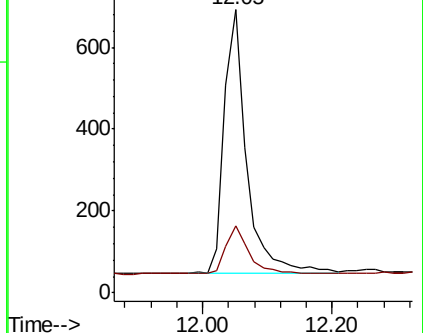
152 100

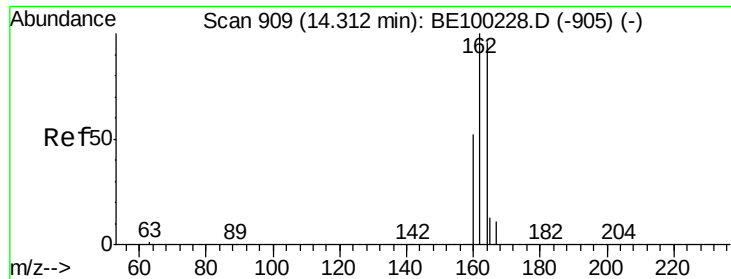
151 18.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

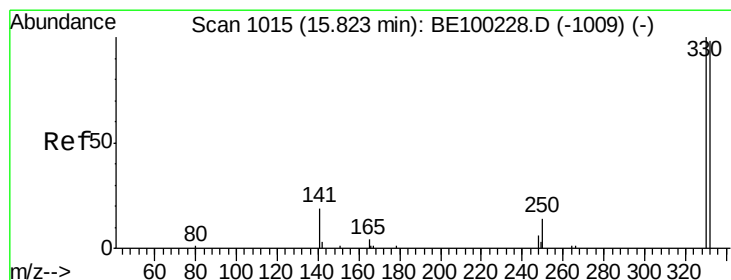
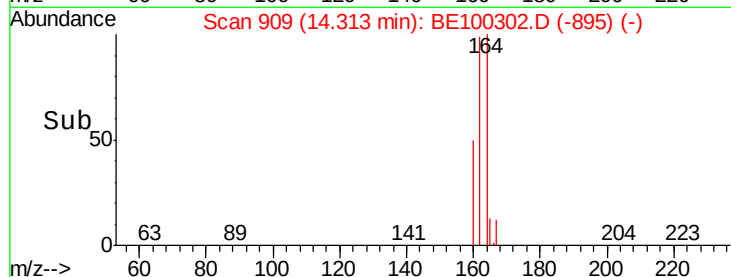
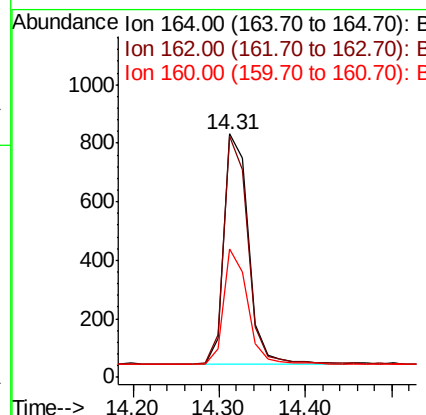
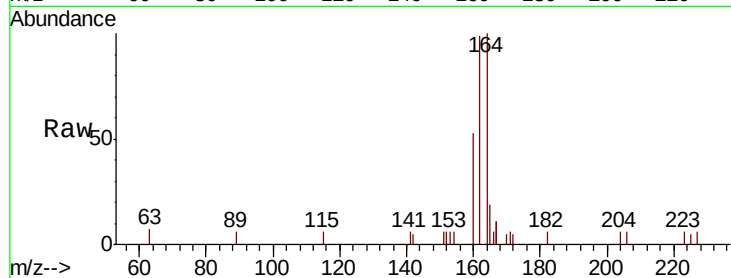




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100302.D
Acq: 2 Jul 2019 15:01

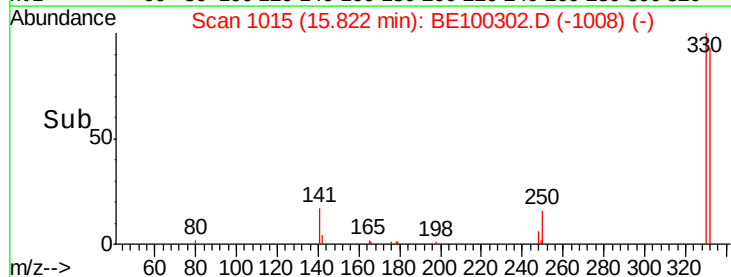
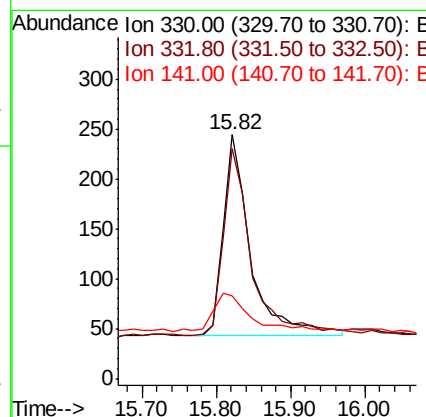
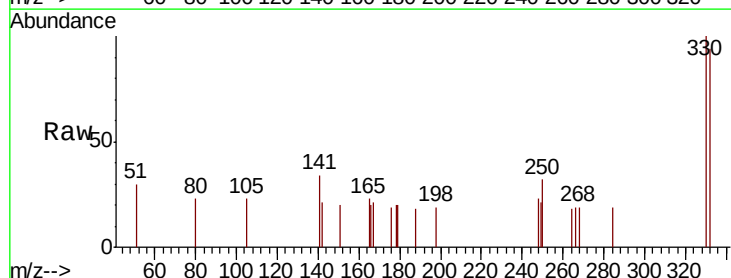
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

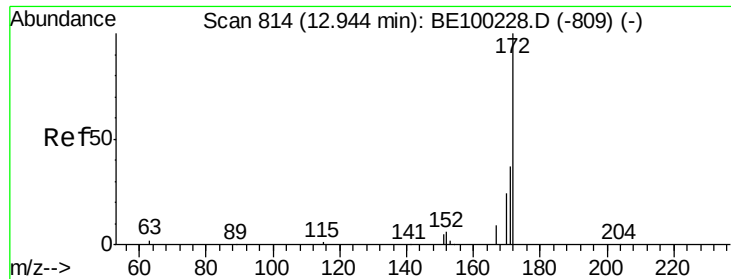
Tgt Ion:164 Resp: 1537
Ion Ratio Lower Upper
164 100
162 99.0 83.4 125.0
160 52.6 45.0 67.6



#14
2,4,6-Tribromophenol
Concen: 0.481 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100302.D
Acq: 2 Jul 2019 15:01

Tgt Ion:330 Resp: 517
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.4
141 23.8 22.0 33.0

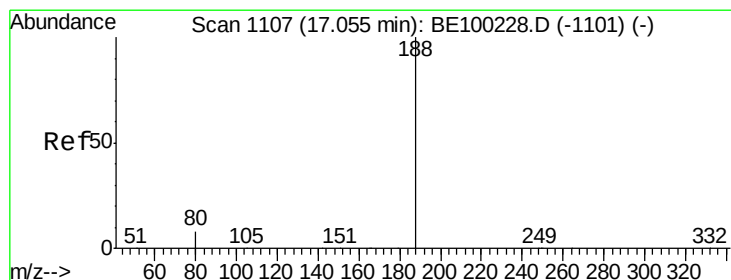
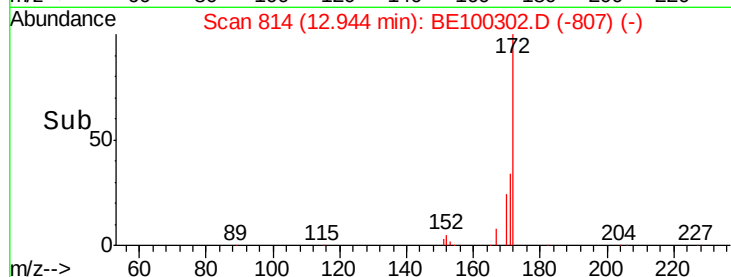
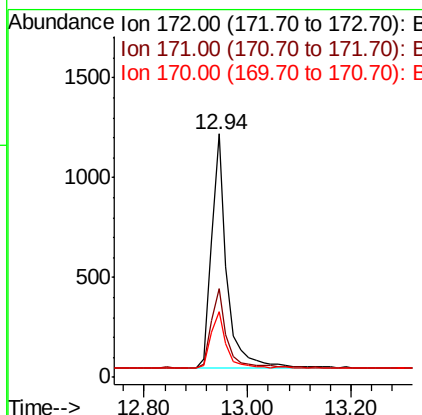
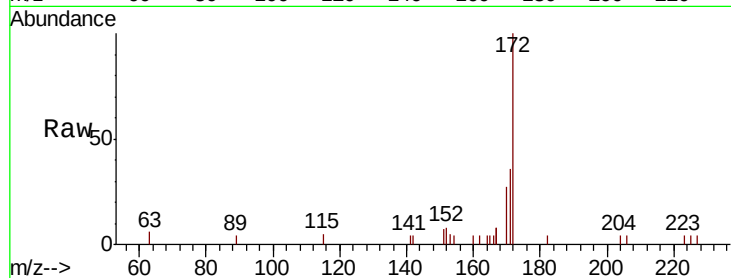




#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100302.D
Acq: 2 Jul 2019 15:01

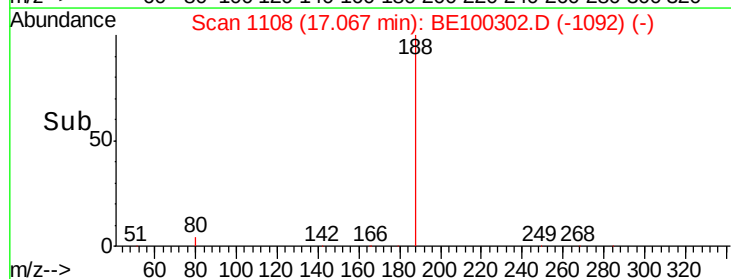
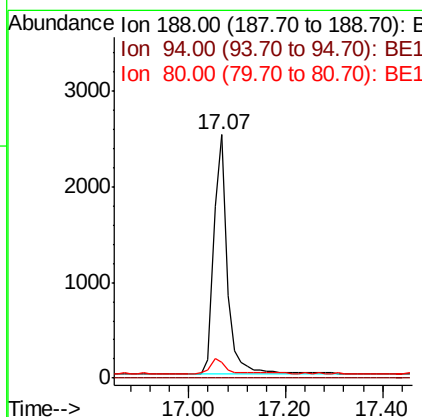
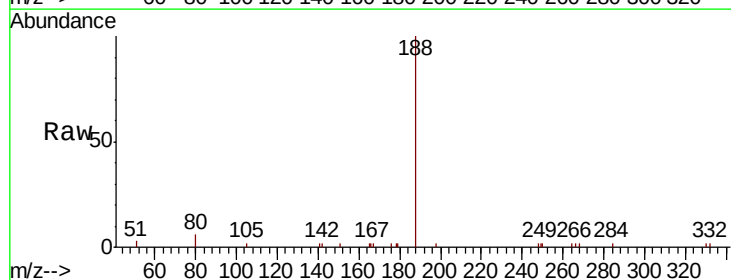
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

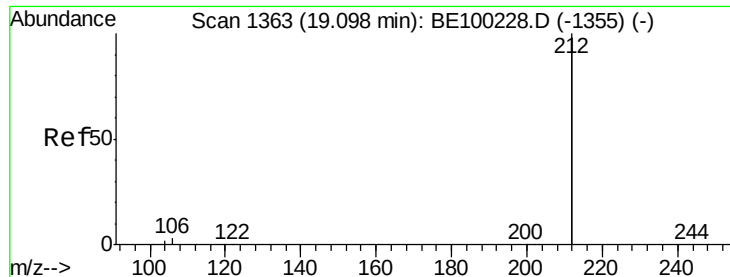
Tgt Ion:172 Resp: 2449
Ion Ratio Lower Upper
172 100
171 36.4 31.9 47.9
170 26.9 22.2 33.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100302.D
Acq: 2 Jul 2019 15:01

Tgt Ion:188 Resp: 4755
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 7.6 11.4#





#25

Fluoranthene-d10

Concen: 0.416 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100302.D

Acq: 2 Jul 2019 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

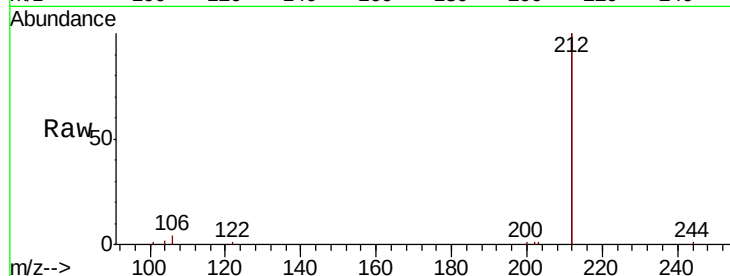
Tgt Ion:212 Resp: 28700

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

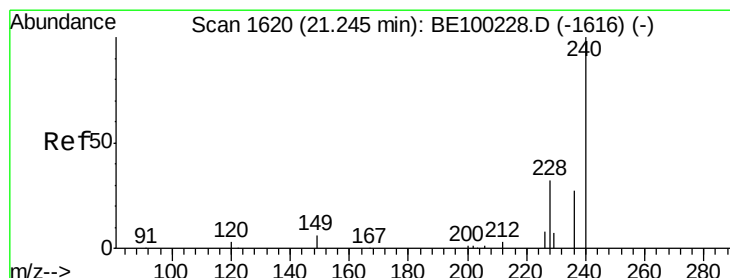
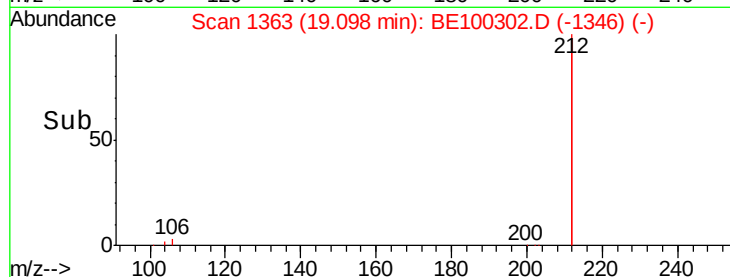
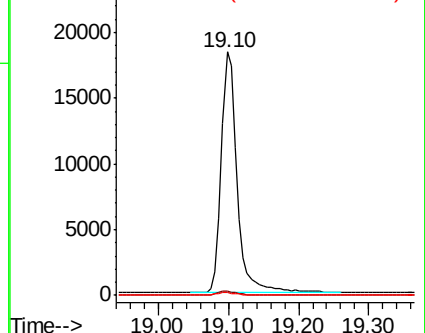
104 0.9 0.8 1.2



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: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100302.D

Acq: 2 Jul 2019 15:01

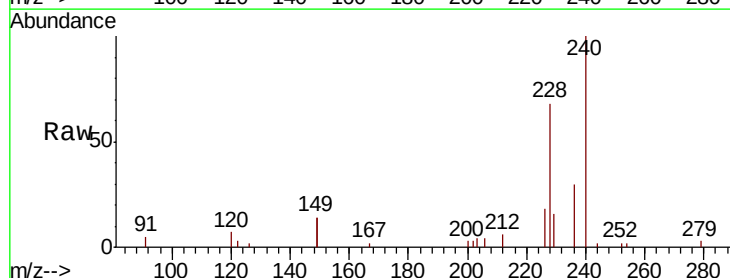
Tgt Ion:240 Resp: 6590

Ion Ratio Lower Upper

240 100

120 7.3 3.3 4.9#

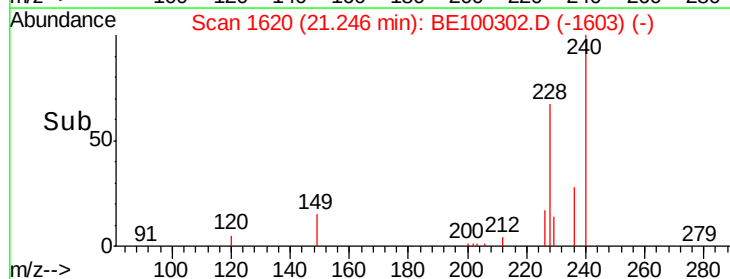
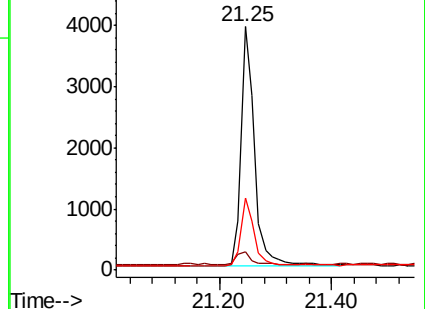
236 29.7 22.6 34.0

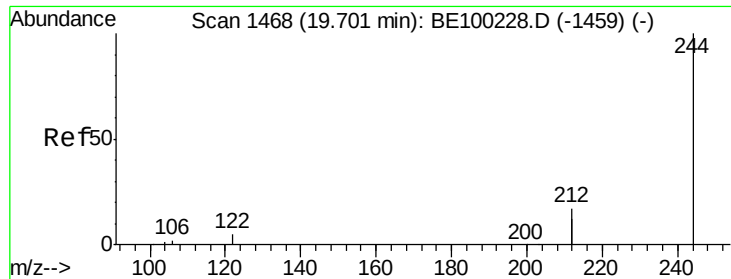


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.453 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE100302.D

Acq: 2 Jul 2019 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

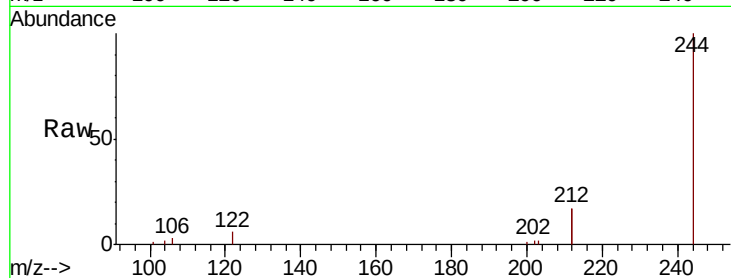
Tgt Ion:244 Resp: 6188

Ion Ratio Lower Upper

244 100

212 33.6 27.3 40.9

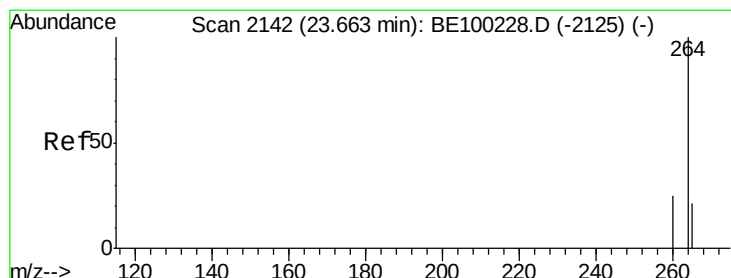
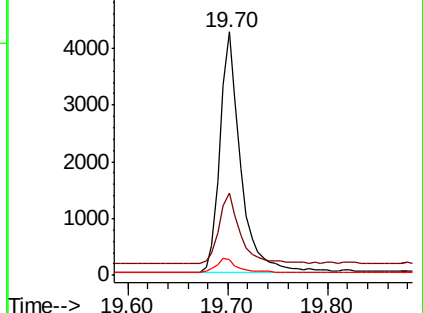
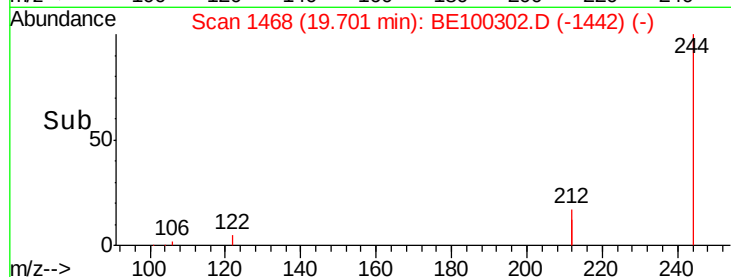
122 6.4 4.7 7.1



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: 23.68 min Scan# 2146

Delta R.T. 0.02 min

Lab File: BE100302.D

Acq: 2 Jul 2019 15:01

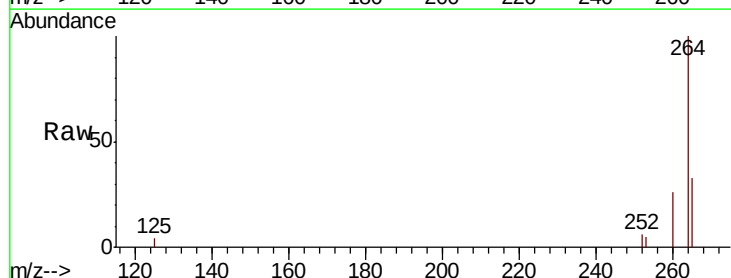
Tgt Ion:264 Resp: 8401

Ion Ratio Lower Upper

264 100

260 26.0 20.8 31.2

265 33.0 21.8 32.6#



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

