

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092319\
 Data File : BE100541.D
 Acq On : 23 Sep 2019 15:53
 Operator : HP/JU
 Sample : PB123105BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB123105BL

Quant Time: Sep 23 16:44:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 18:26:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	9512	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	39325	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	19592	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	36143	0.40	ng	0.00
27) Chrysene-d12	21.37	240	31041	0.40	ng	0.00
34) Perylene-d12	23.84	264	43035	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	4103	0.18	ng	0.00
5) Phenol-d6	7.02	99	4569	0.15	ng	0.00
8) Nitrobenzene-d5	9.00	82	3966	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	11433	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	382	0.12	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	14330	0.20	ng	0.00
25) Fluoranthene-d10	19.23	212	115235	0.27	ng	0.00
29) Terphenyl-d14	19.82	244	35610	0.48	ng	0.00

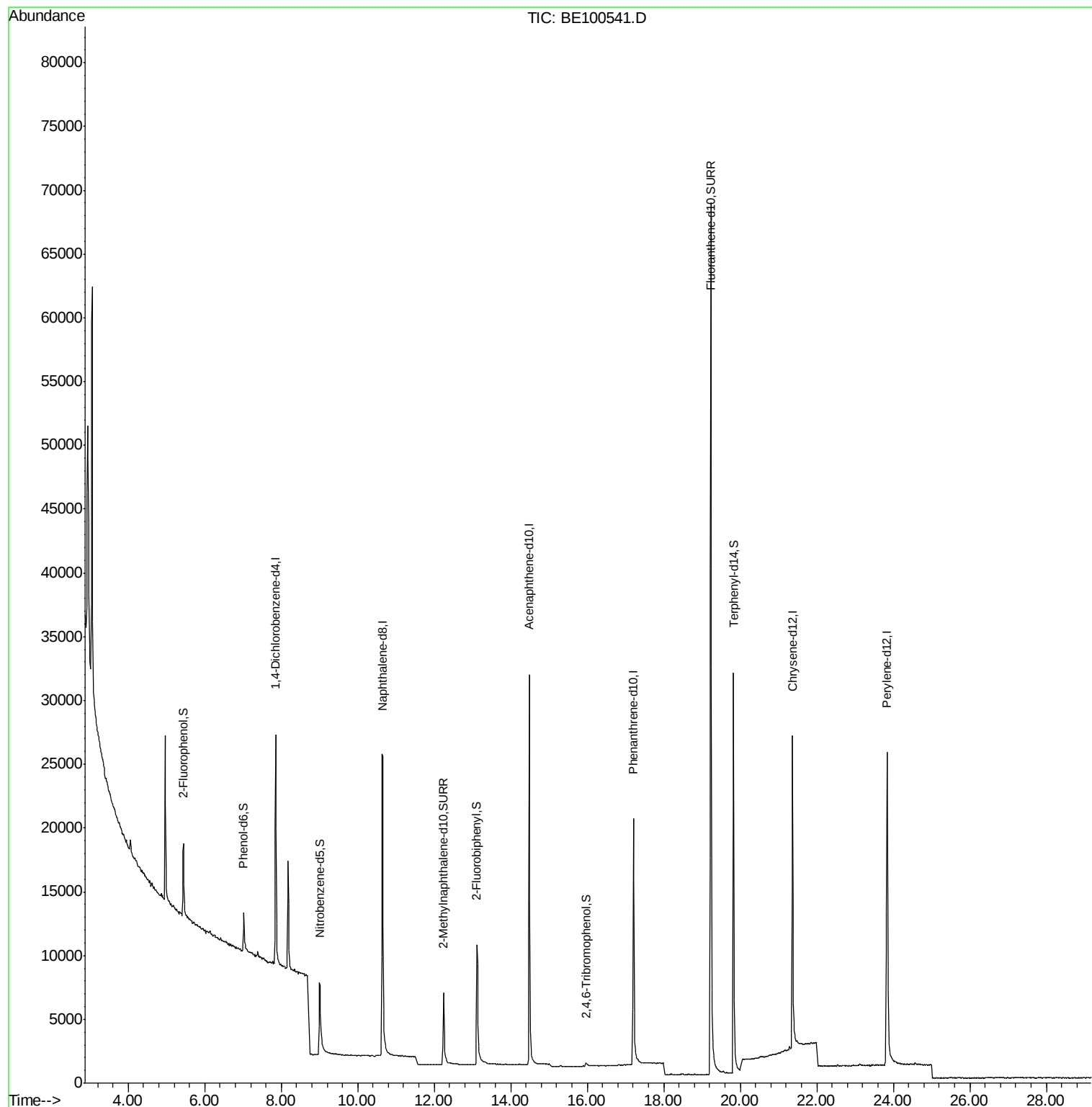
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE100541.D

Acq: 23 Sep 2019 15:53

Instrument :

BNA_E

ClientSampleId :

PB123105BL

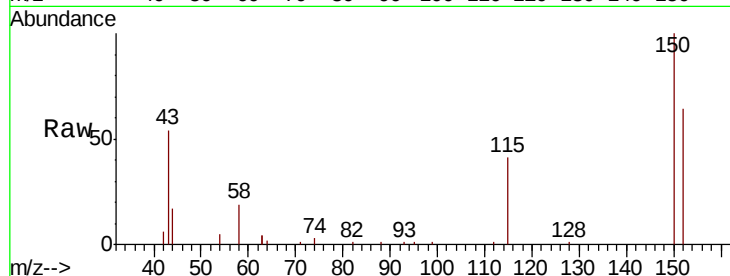
Tot Ion:152 Resp: 9512

Ion Ratio Lower Upper

152 100

150 156.8 121.6 182.4

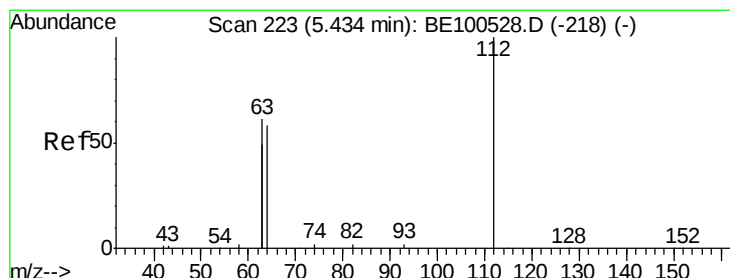
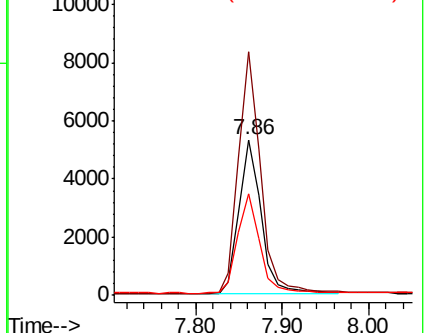
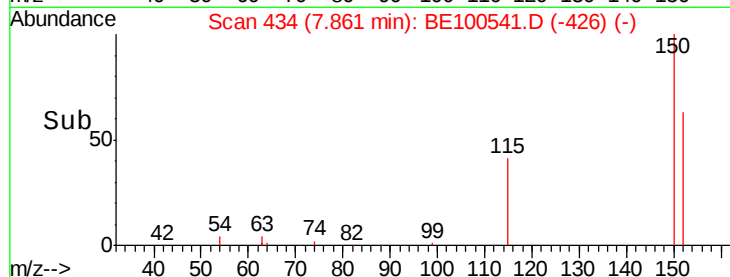
115 65.0 48.2 72.4



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: 0.184 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.01 min

Lab File: BE100541.D

Acq: 23 Sep 2019 15:53

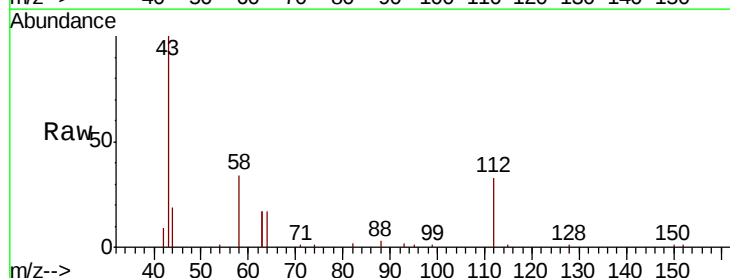
Tgt Ion:112 Resp: 4103

Ion Ratio Lower Upper

112 100

64 56.6 44.1 66.1

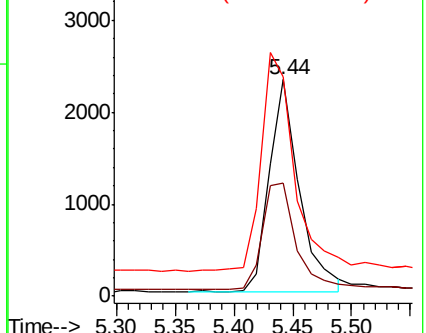
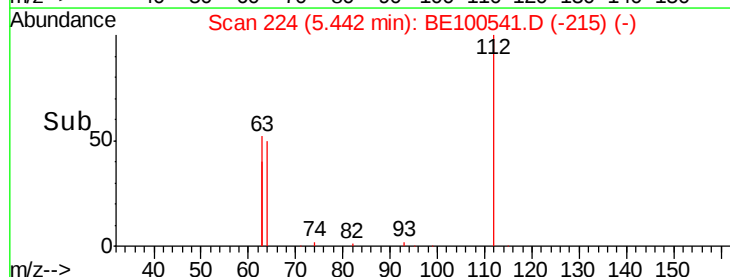
63 112.8 86.5 129.7

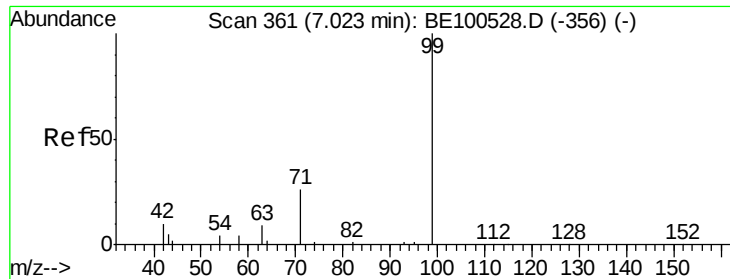


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.150 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE100541.D

Acq: 23 Sep 2019 15:53

Instrument :

BNA_E

ClientSampleId :

PB123105BL

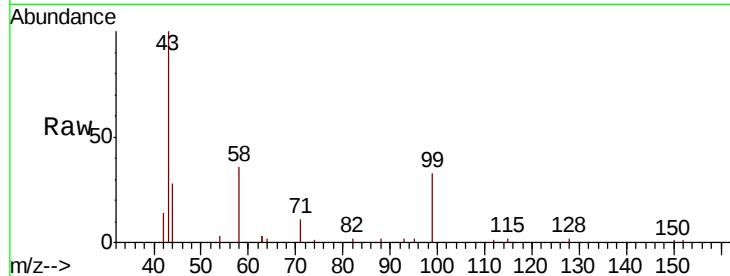
Tot Ion: 99 Resp: 4569

Ion Ratio Lower Upper

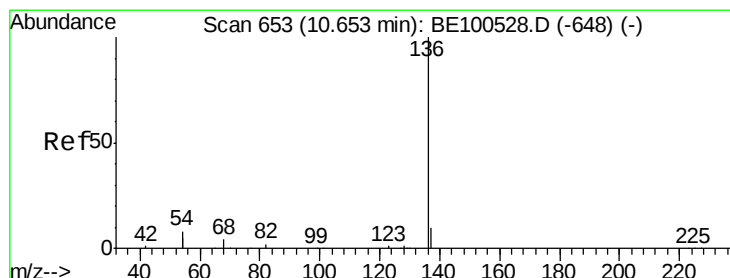
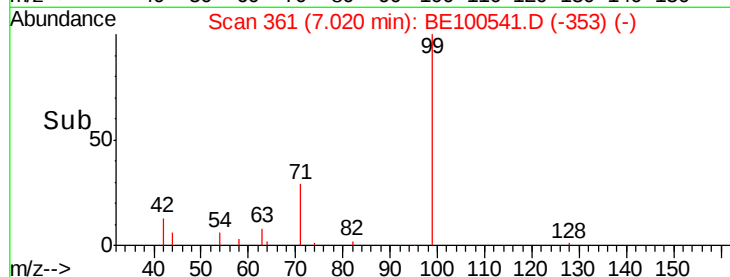
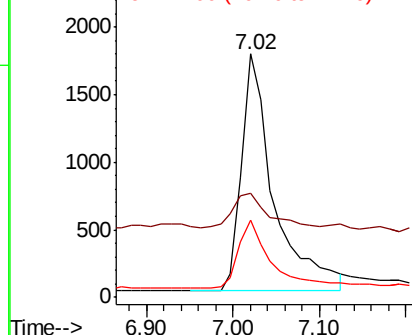
99 100

42 16.5 13.0 19.6

71 29.7 23.4 35.0



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: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE100541.D

Acq: 23 Sep 2019 15:53

Tgt Ion: 136 Resp: 39325

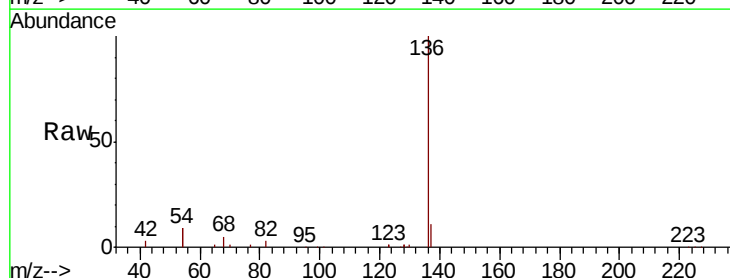
Ion Ratio Lower Upper

136 100

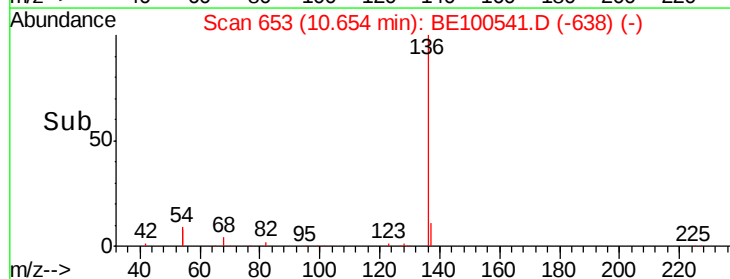
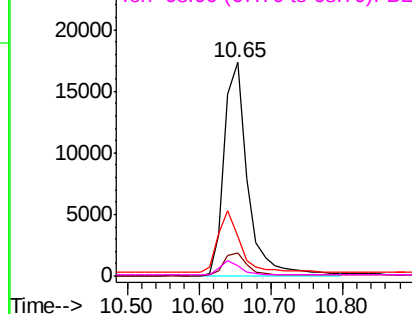
137 11.0 8.6 13.0

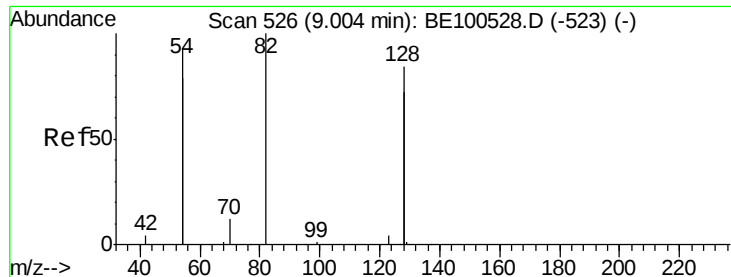
54 18.7 12.4 18.6#

68 4.5 3.3 4.9



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





#8

Nitrobenzene-d5

Concen: 0.175 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100541.D

Acq: 23 Sep 2019 15:53

Instrument :

BNA_E

ClientSampleId :

PB123105BL

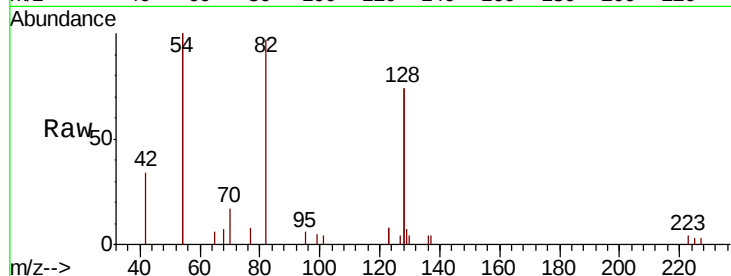
Tot Ion: 82 Resp: 3966

Ion Ratio Lower Upper

82 100

128 152.0 129.4 194.2

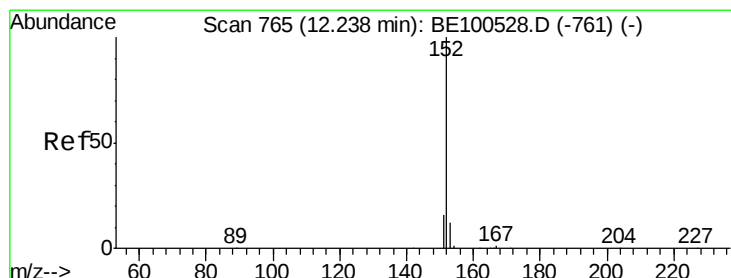
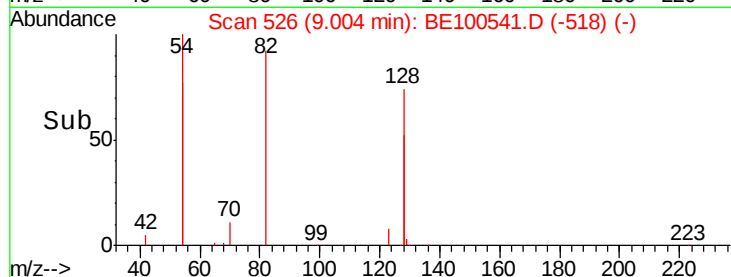
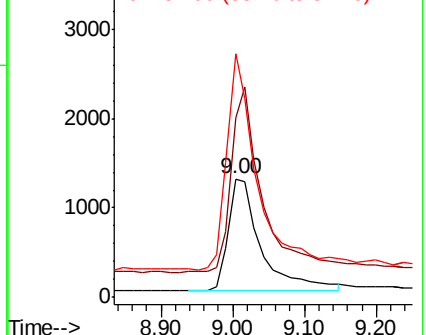
54 205.4 143.3 214.9



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: 0.194 ng

RT: 12.24 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE100541.D

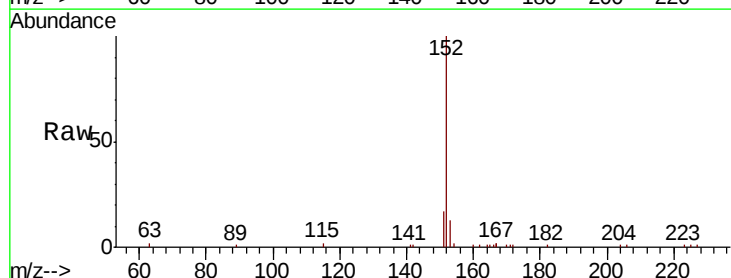
Acq: 23 Sep 2019 15:53

Tgt Ion: 152 Resp: 11433

Ion Ratio Lower Upper

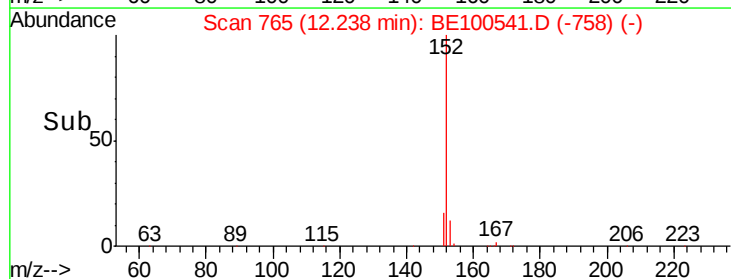
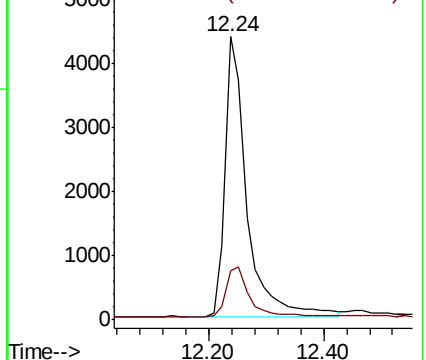
152 100

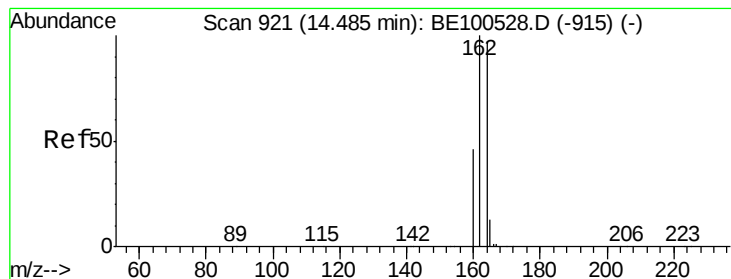
151 19.5 15.3 22.9



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: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE100541.D

Acq: 23 Sep 2019 15:53

Instrument :

BNA_E

ClientSampleId :

PB123105BL

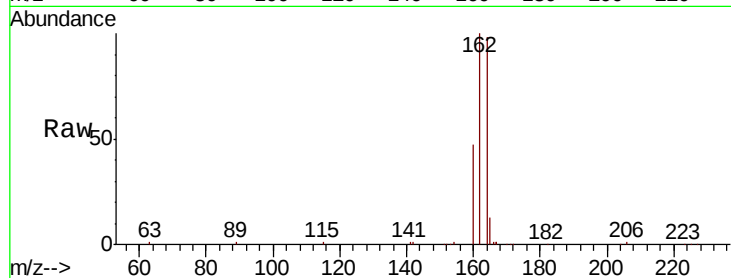
Tot Ion:164 Resp: 19592

Ion Ratio Lower Upper

164 100

162 102.1 82.1 123.1

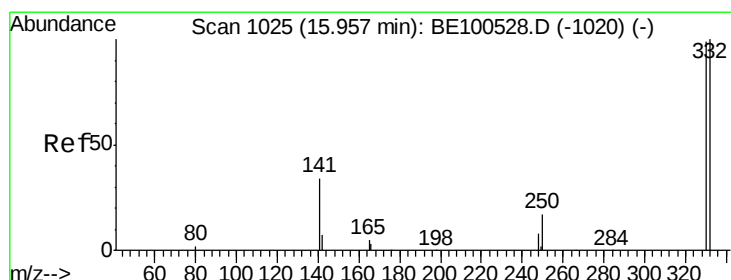
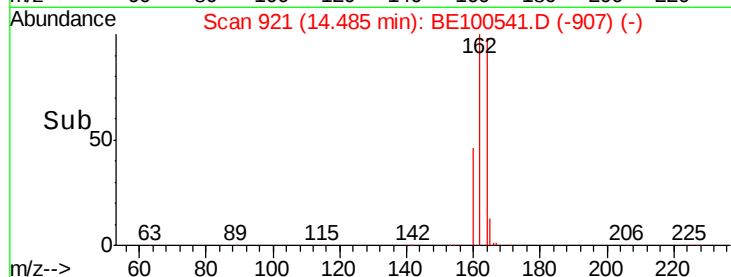
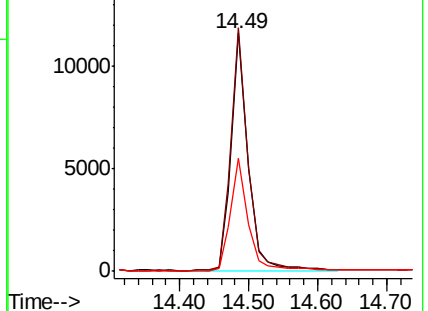
160 47.6 37.6 56.4



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: 0.121 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BE100541.D

Acq: 23 Sep 2019 15:53

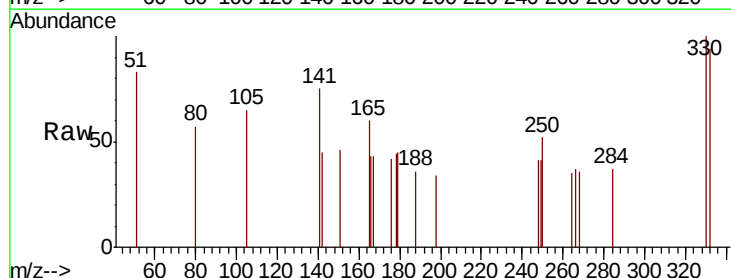
Tgt Ion:330 Resp: 382

Ion Ratio Lower Upper

330 100

332 94.2 75.5 113.3

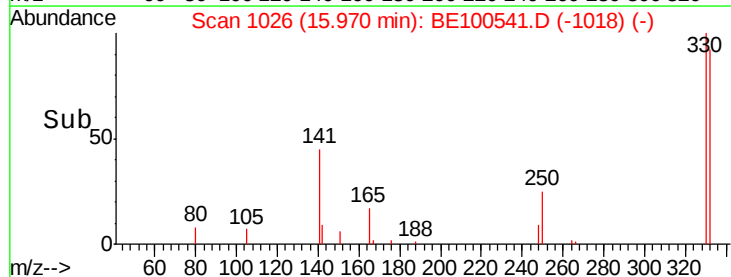
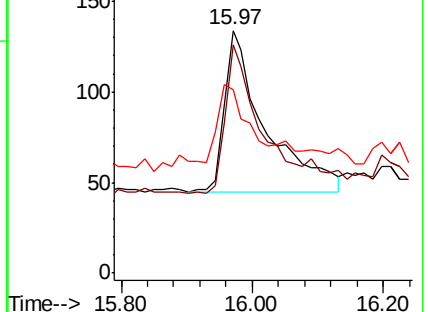
141 39.8 42.3 63.5#

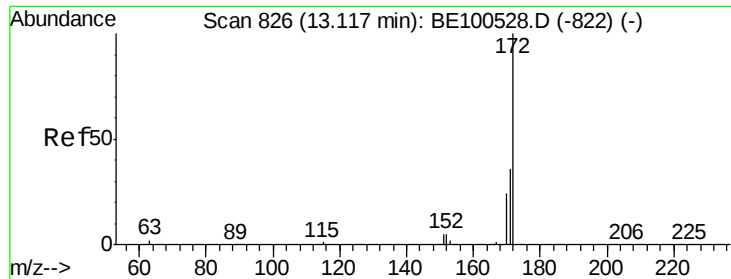


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

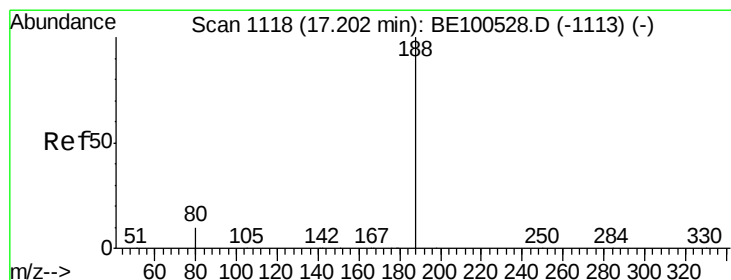
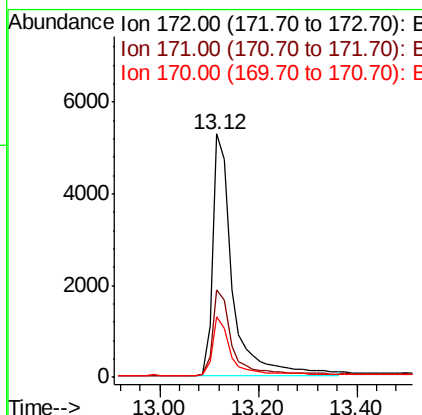
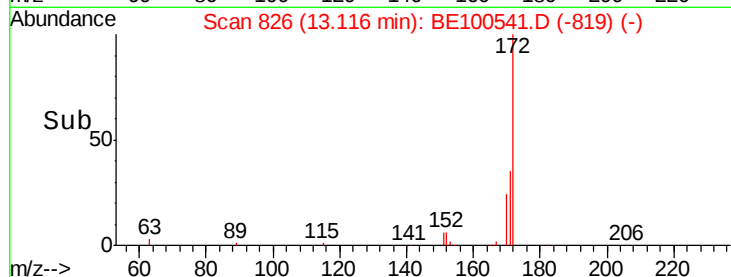
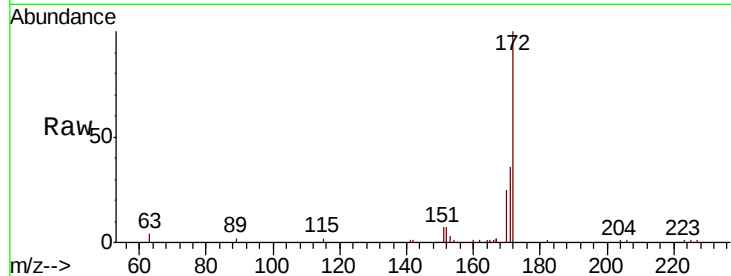




#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100541.D
Acq: 23 Sep 2019 15:53

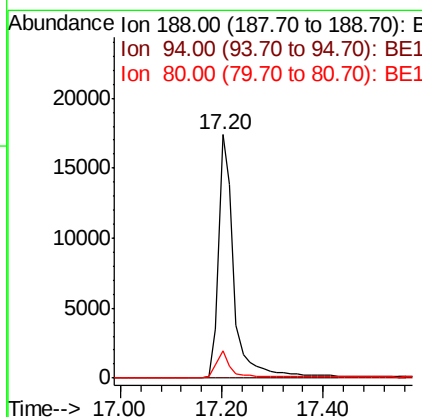
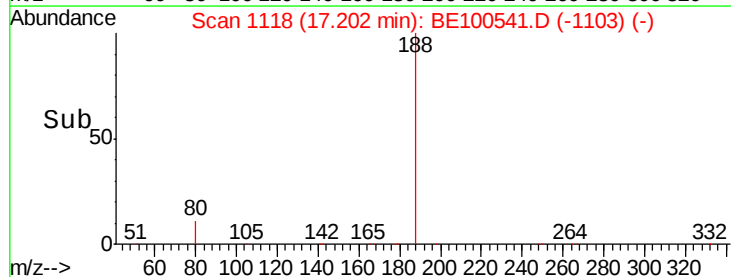
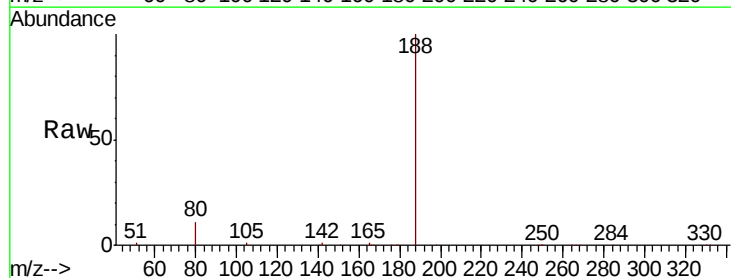
Instrument :
BNA_E
ClientSampleId :
PB123105BL

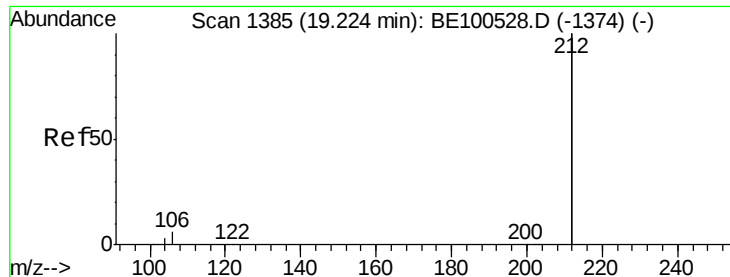
Tot Ion:172 Resp: 14330
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 25.0 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100541.D
Acq: 23 Sep 2019 15:53

Tgt Ion:188 Resp: 36143
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 8.0 12.0





#25

Fluoranthene-d10

Concen: 0.268 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE100541.D

Acq: 23 Sep 2019 15:53

Instrument :

BNA_E

ClientSampleId :

PB123105BL

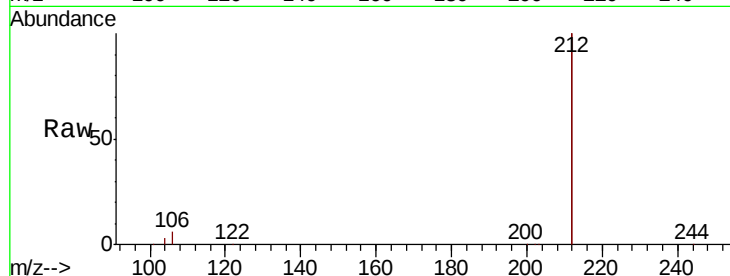
Tot Ion:212 Resp: 115235

Ion Ratio Lower Upper

212 100

106 3.0 2.3 3.5

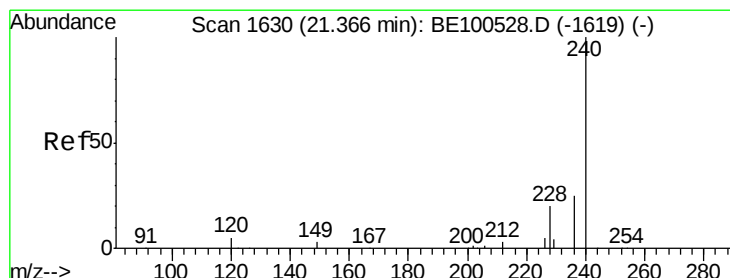
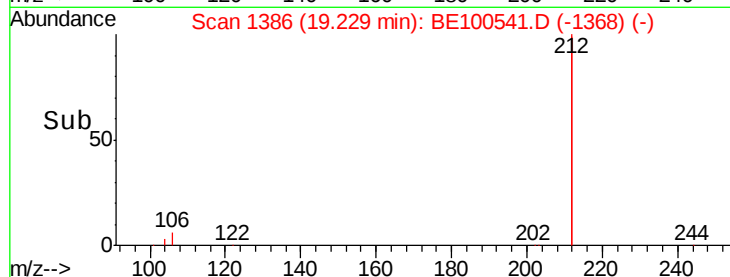
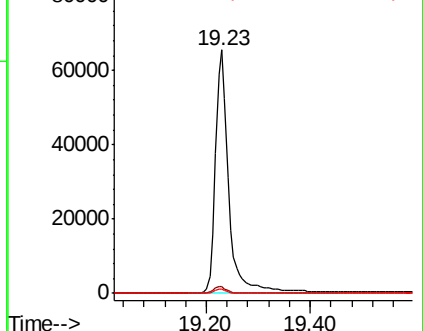
104 1.6 1.3 1.9



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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100541.D

Acq: 23 Sep 2019 15:53

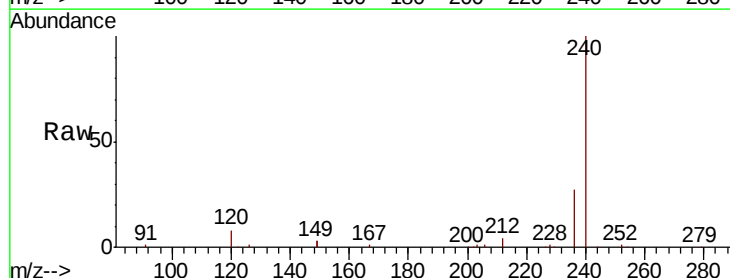
Tgt Ion:240 Resp: 31041

Ion Ratio Lower Upper

240 100

120 7.8 4.5 6.7#

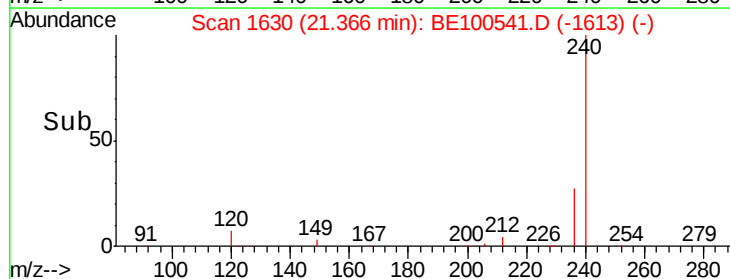
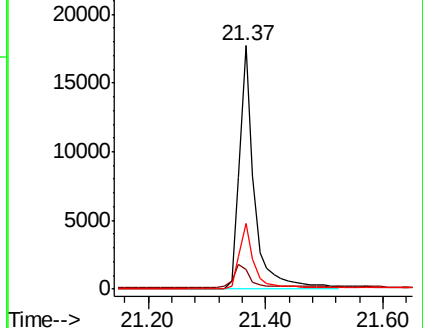
236 27.0 20.6 30.8

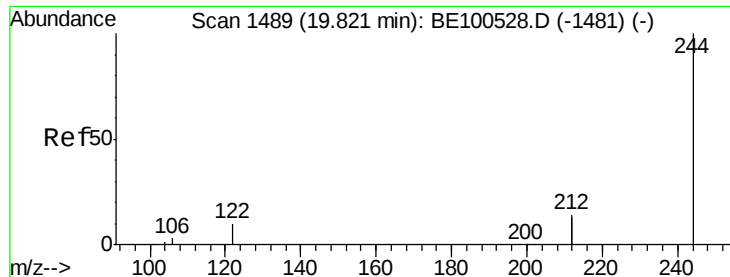


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.484 ng

RT: 19.82 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BE100541.D

Acq: 23 Sep 2019 15:53

Instrument :

BNA_E

ClientSampleId :

PB123105BL

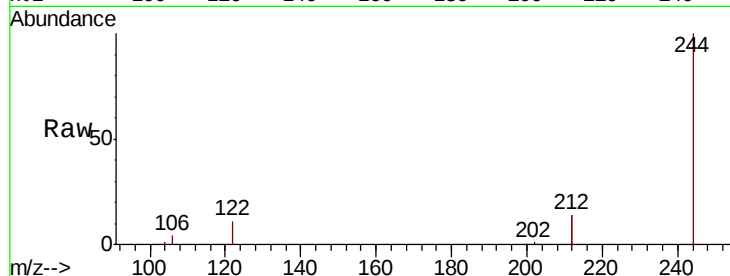
Tot Ion:244 Resp: 35610

Ion Ratio Lower Upper

244 100

212 28.4 22.2 33.2

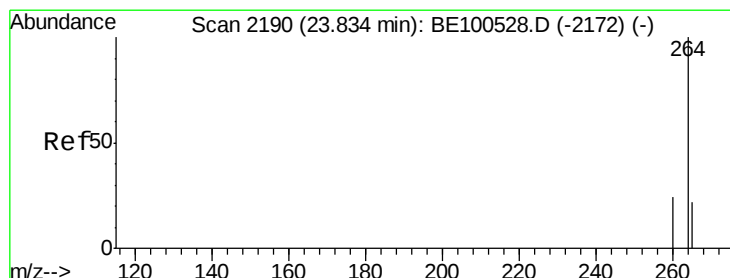
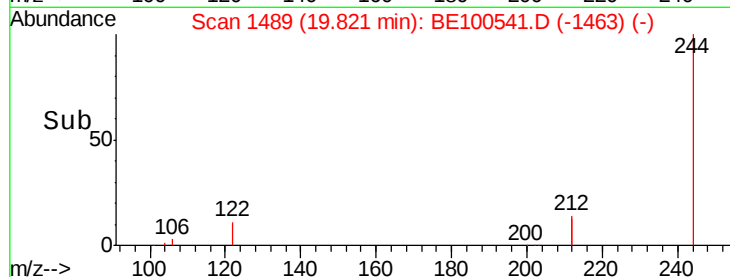
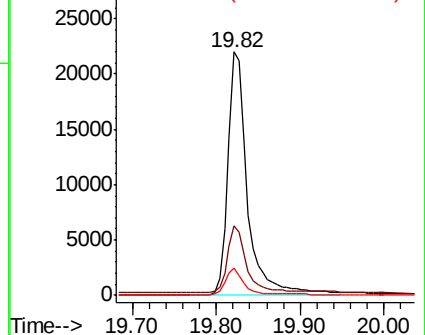
122 11.1 8.3 12.5



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: 23.84 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BE100541.D

Acq: 23 Sep 2019 15:53

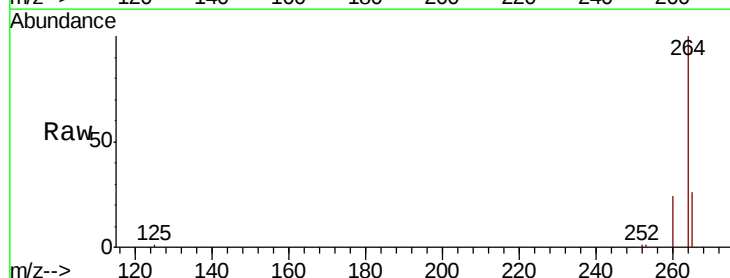
Tgt Ion:264 Resp: 43035

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 26.4 21.8 32.8



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

