

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
 Data File : BE100488.D
 Acq On : 22 Jul 2019 20:39
 Operator : HP/JU
 Sample : PB121560BL
 Misc : MDL-W-0.PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB121560BL

Quant Time: Jul 23 08:11:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 08:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1918	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7460	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4471	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	11012	0.40	ng	0.00
27) Chrysene-d12	21.38	240	15700	0.40	ng	0.00
34) Perylene-d12	23.86	264	17931	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	1477	0.32	ng	0.00
5) Phenol-d6	7.03	99	1903	0.28	ng	0.00
8) Nitrobenzene-d5	9.02	82	1457	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2905	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	346	0.18	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	4154	0.23	ng	0.00
25) Fluoranthene-d10	19.24	212	37150	0.25	ng	0.00
29) Terphenyl-d14	19.83	244	6588	0.17	ng	0.00

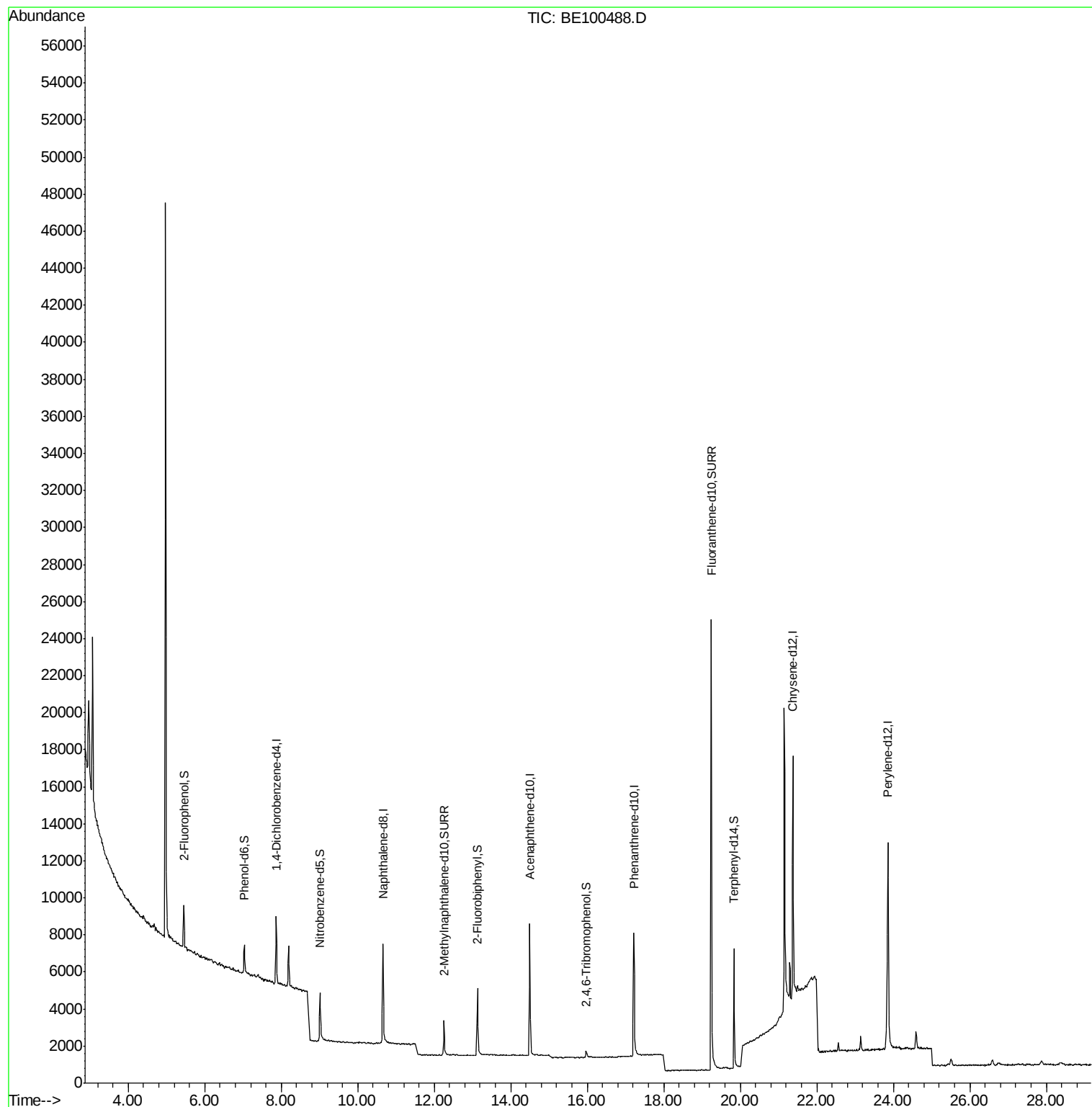
Target Compounds	Qvalue

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

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QLast Update : Tue Jul 23 08:06:59 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE100488.D

Acq: 22 Jul 2019 20:39

Instrument :

BNA_E

ClientSampleId :

PB121560BL

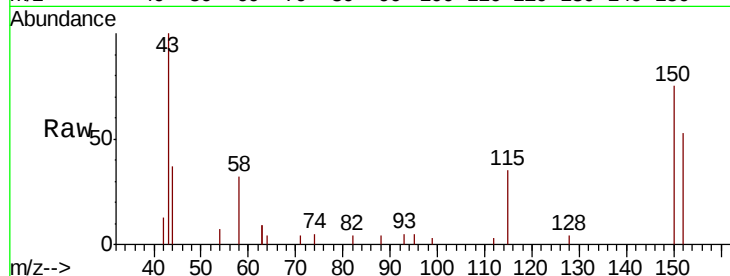
Tot Ion:152 Resp: 1918

Ion Ratio Lower Upper

152 100

150 142.2 115.0 172.6

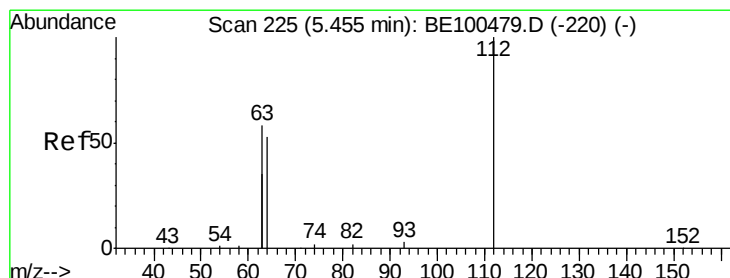
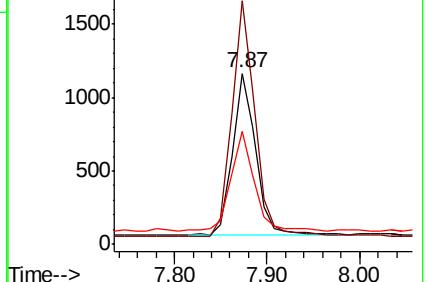
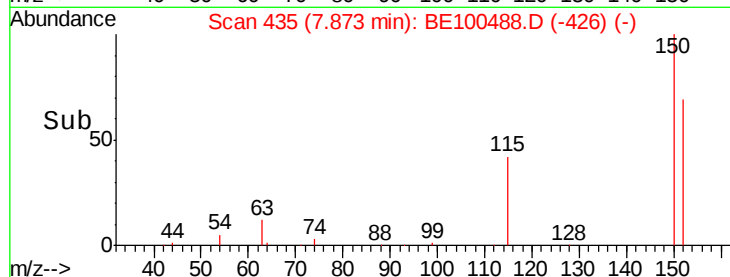
115 66.2 52.9 79.3



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: 0.316 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE100488.D

Acq: 22 Jul 2019 20:39

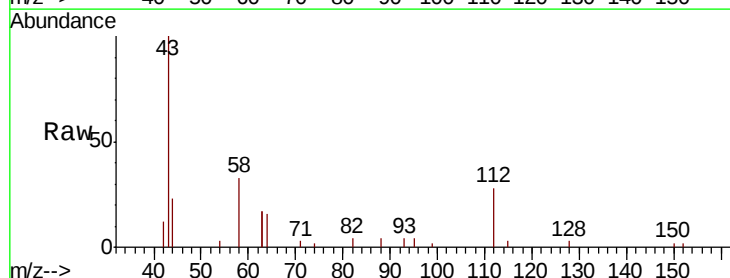
Tgt Ion:112 Resp: 1477

Ion Ratio Lower Upper

112 100

64 65.0 54.1 81.1

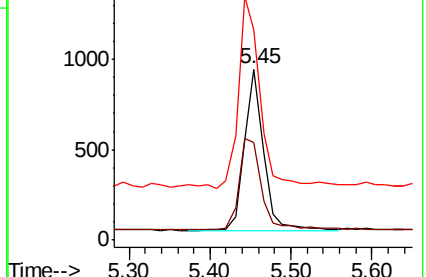
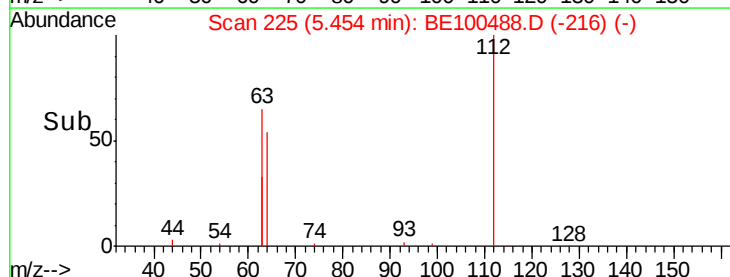
63 128.3 104.6 157.0

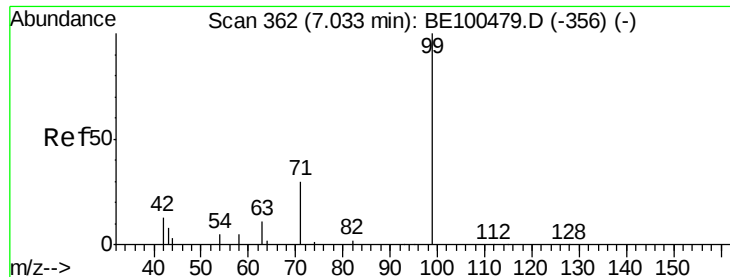


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.285 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100488.D

Acq: 22 Jul 2019 20:39

Instrument :

BNA_E

ClientSampleId :

PB121560BL

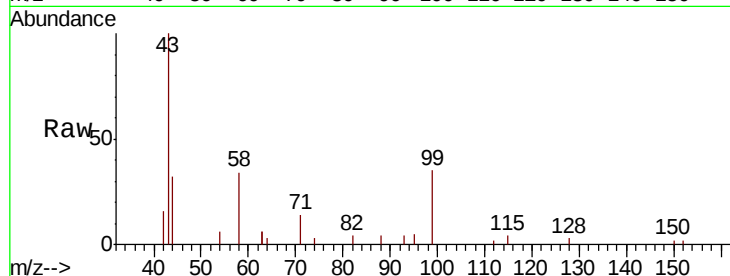
Tot Ion: 99 Resp: 1903

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

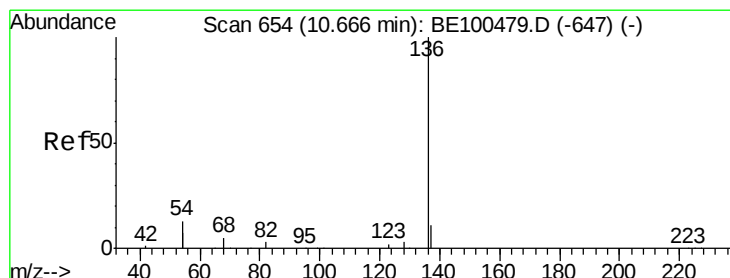
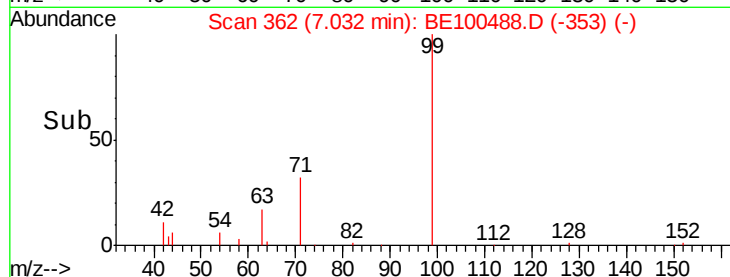
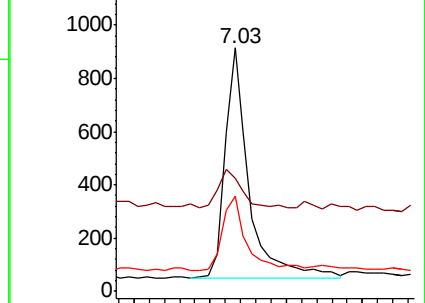
71 32.7 26.4 39.6



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100488.D

Acq: 22 Jul 2019 20:39

Tgt Ion: 136 Resp: 7460

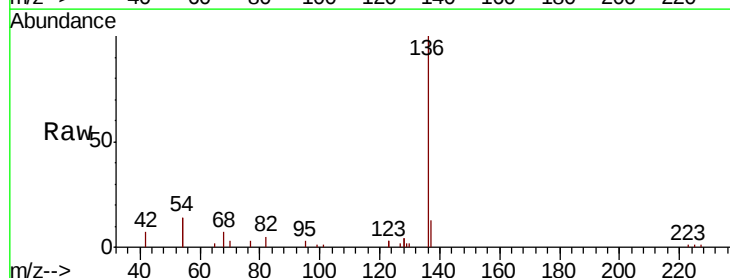
Ion Ratio Lower Upper

136 100

137 12.7 9.8 14.6

54 28.8 20.6 31.0

68 7.0 5.3 7.9

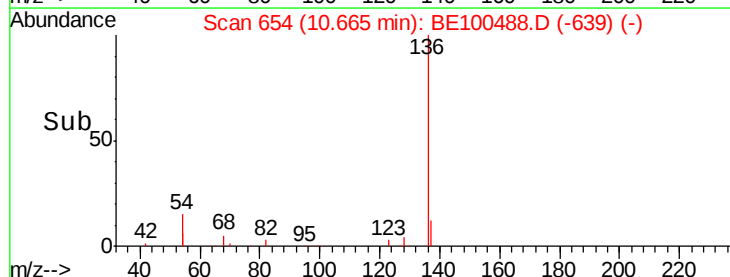
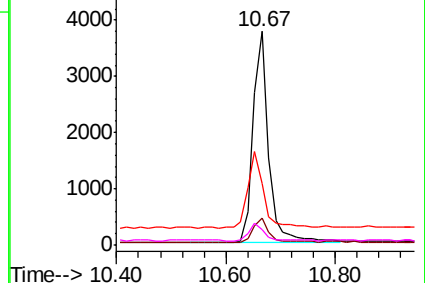


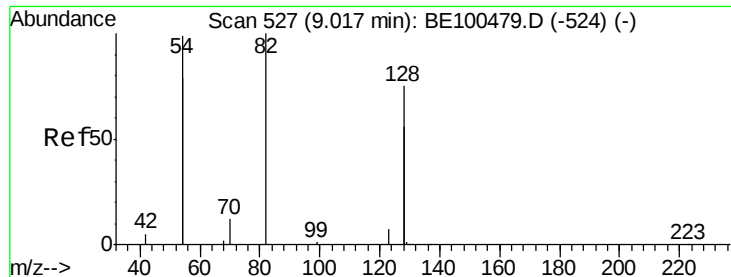
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.235 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100488.D

Acq: 22 Jul 2019 20:39

Instrument :

BNA_E

ClientSampleId :

PB121560BL

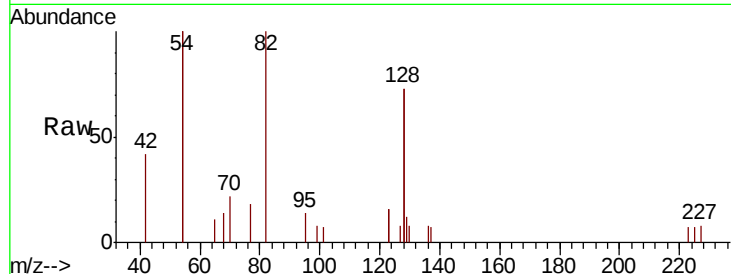
Tot Ion: 82 Resp: 1457

Ion Ratio Lower Upper

82 100

128 146.7 113.6 170.4

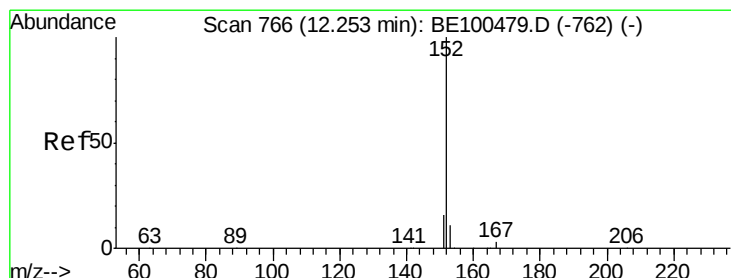
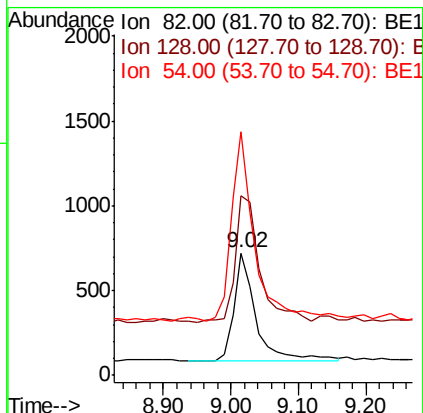
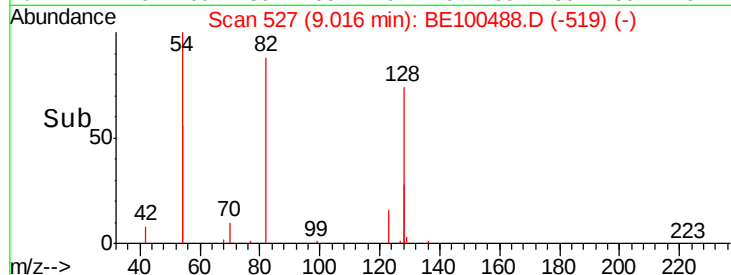
54 199.4 150.6 226.0



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: 0.235 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.00 min

Lab File: BE100488.D

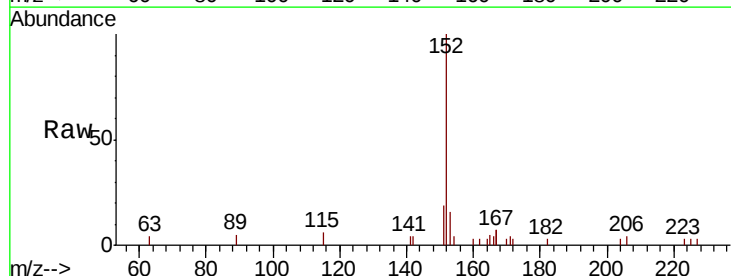
Acq: 22 Jul 2019 20:39

Tgt Ion: 152 Resp: 2905

Ion Ratio Lower Upper

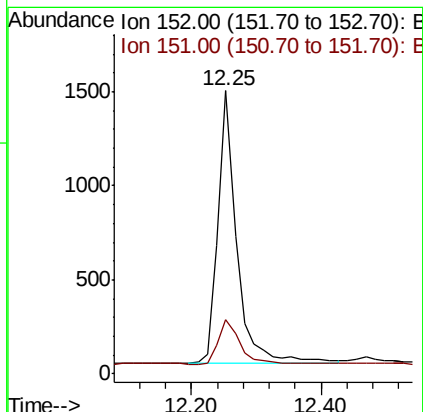
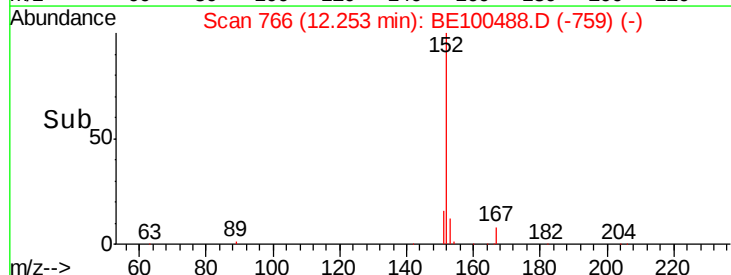
152 100

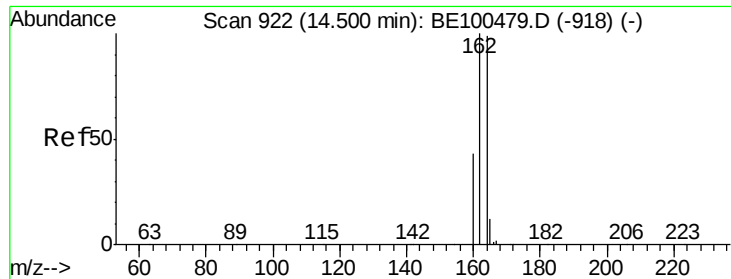
151 20.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

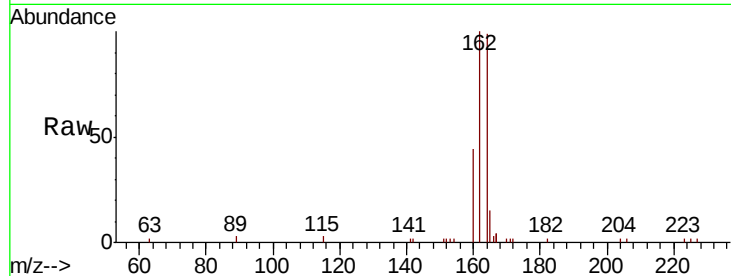




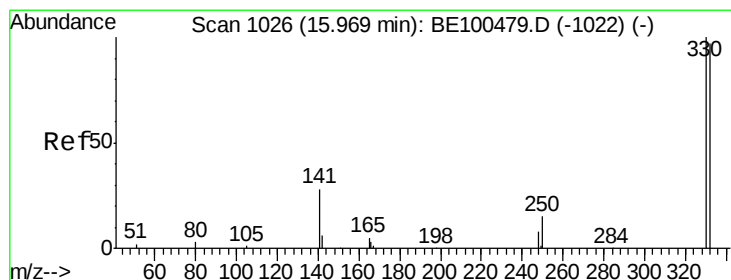
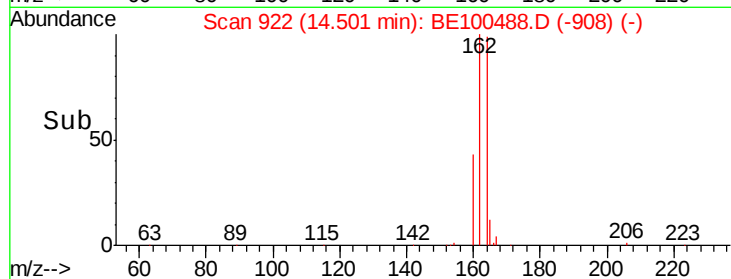
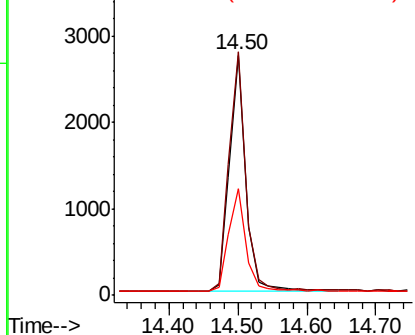
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE100488.D
Acq: 22 Jul 2019 20:39

Instrument :
BNA_E
ClientSampleId :
PB121560BL

Tot Ion:164 Resp: 4471
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 44.7 34.9 52.3

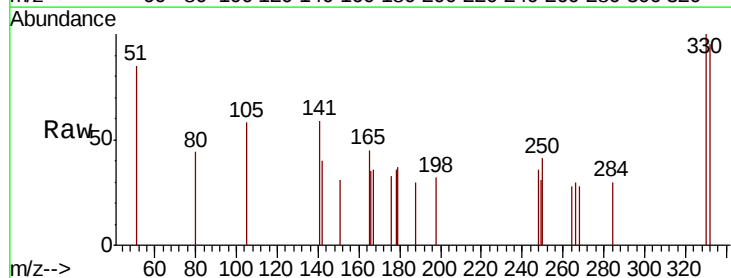


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

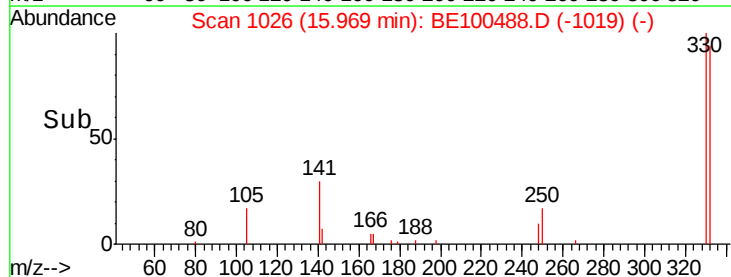
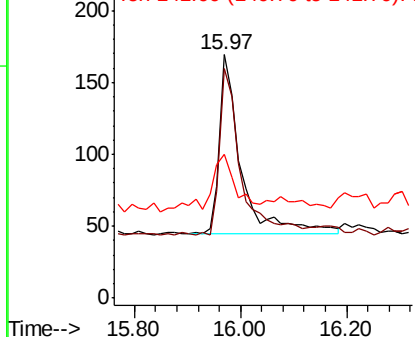


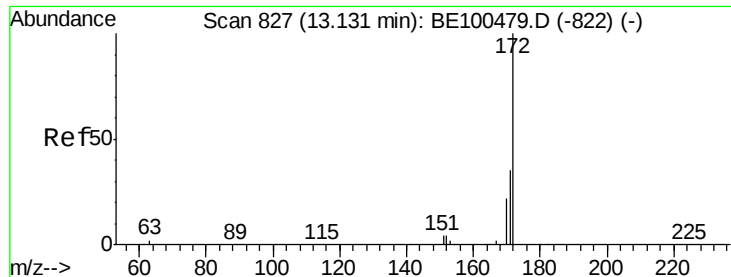
#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100488.D
Acq: 22 Jul 2019 20:39

Tgt Ion:330 Resp: 346
Ion Ratio Lower Upper
330 100
332 92.8 80.5 120.7
141 26.3 29.9 44.9#



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

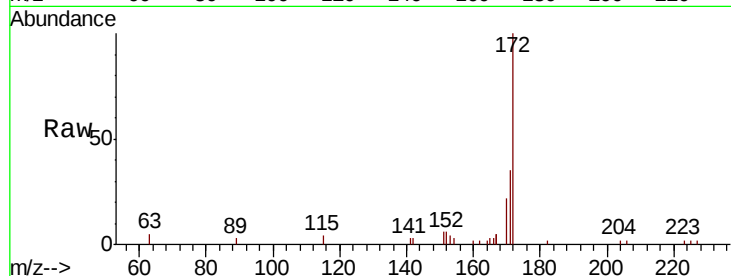




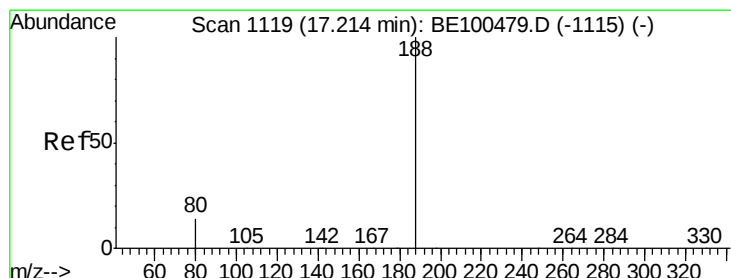
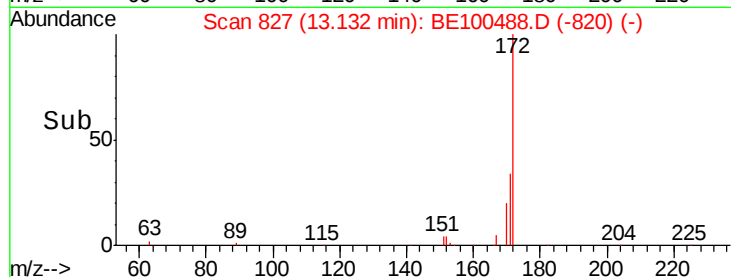
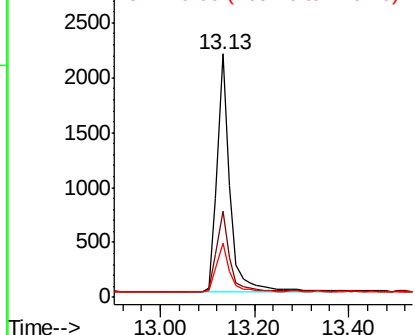
#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE100488.D
Acq: 22 Jul 2019 20:39

Instrument :
BNA_E
ClientSampleId :
PB121560BL

Tot Ion:172 Resp: 4154
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 22.1 17.8 26.8

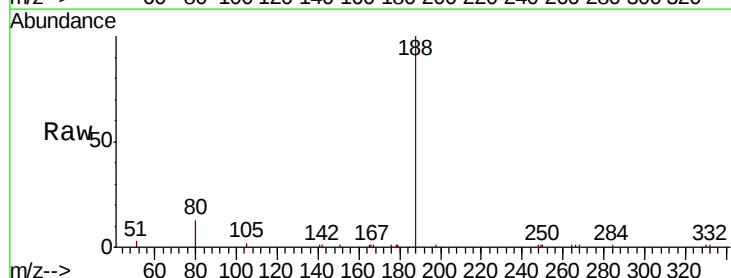


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

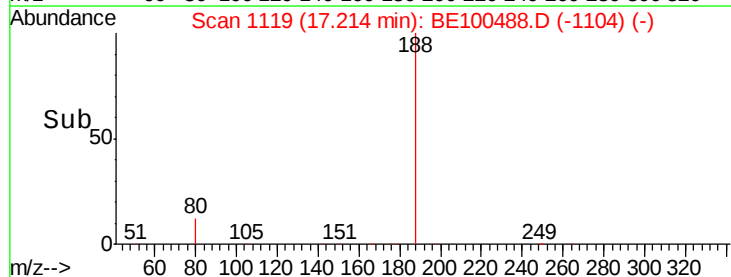
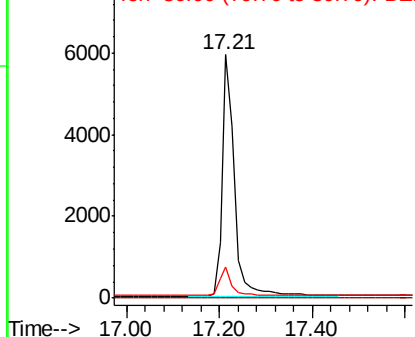


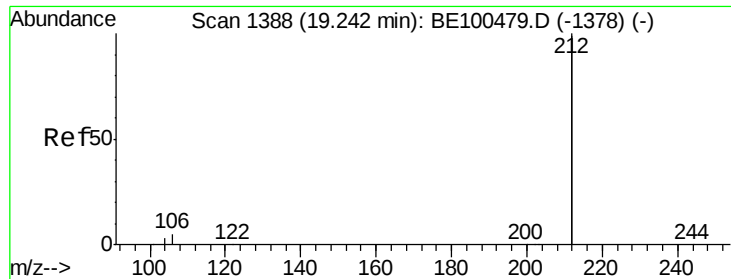
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100488.D
Acq: 22 Jul 2019 20:39

Tgt Ion:188 Resp: 11012
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 11.9 17.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

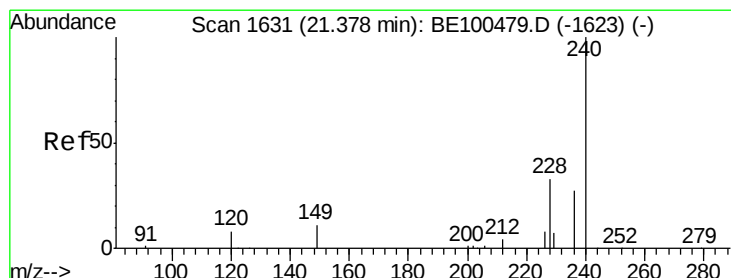
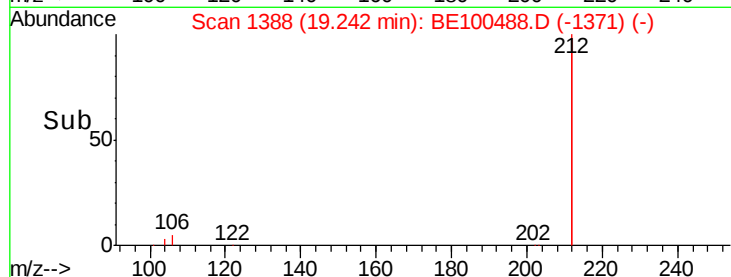
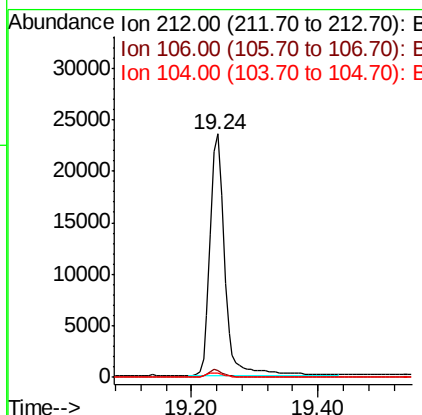
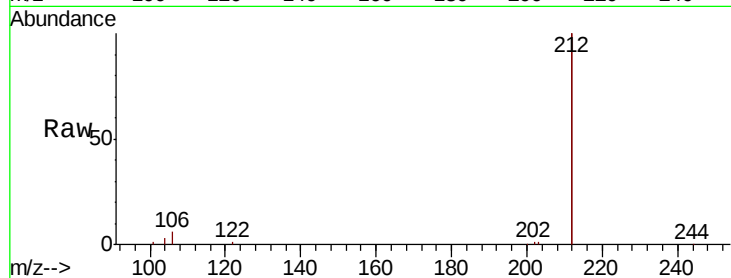




#25
 Fluoranthene-d10
 Concen: 0.246 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BE100488.D
 Acq: 22 Jul 2019 20:39

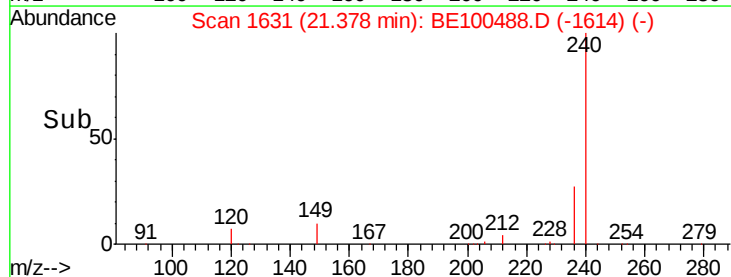
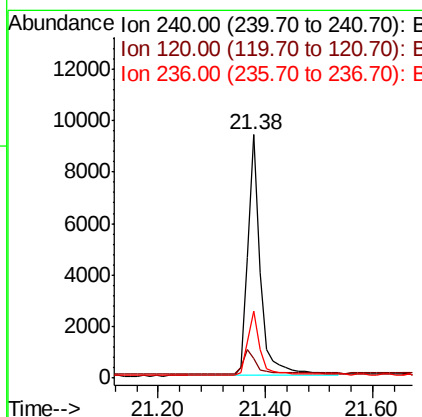
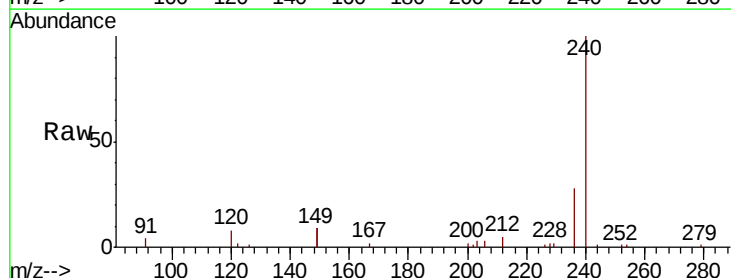
Instrument :
 BNA_E
 ClientSampleId :
 PB121560BL

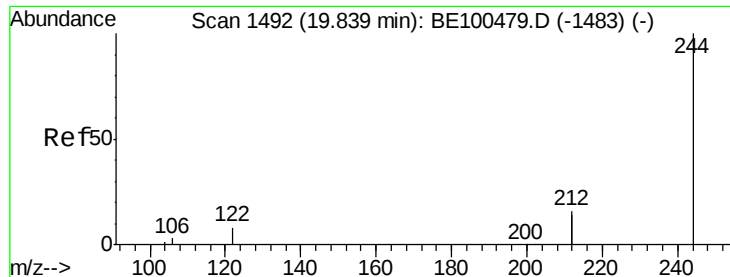
Tot Ion:212 Resp: 37150
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.4
 104 1.6 1.2 1.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BE100488.D
 Acq: 22 Jul 2019 20:39

Tgt Ion:240 Resp: 15700
 Ion Ratio Lower Upper
 240 100
 120 8.2 8.2 12.2
 236 27.6 22.6 34.0





#29

Terphenyl-d14

Concen: 0.170 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100488.D

Acq: 22 Jul 2019 20:39

Instrument :

BNA_E

ClientSampleId :

PB121560BL

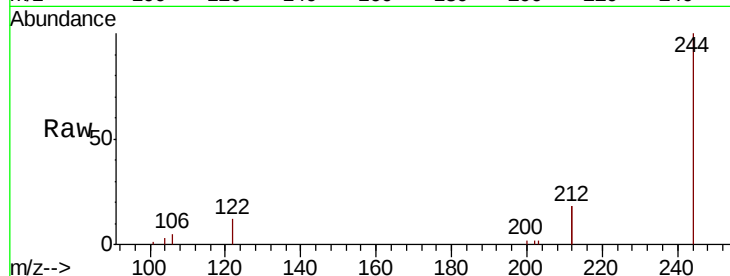
Tot Ion:244 Resp: 6588

Ion Ratio Lower Upper

244 100

212 36.2 25.6 38.4

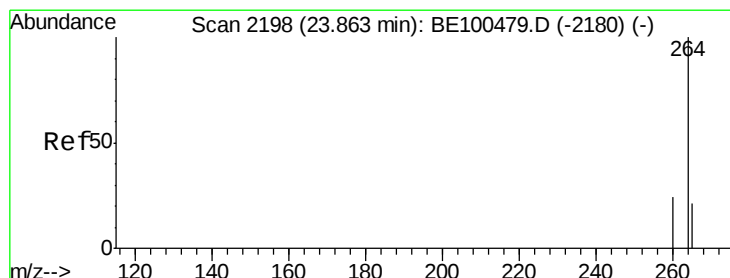
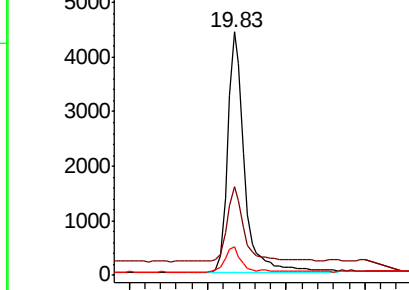
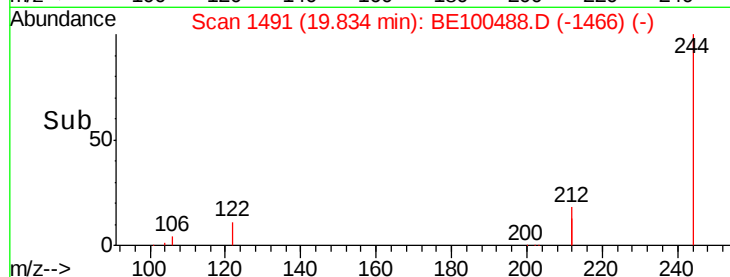
122 11.9 7.2 10.8#



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: 23.86 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BE100488.D

Acq: 22 Jul 2019 20:39

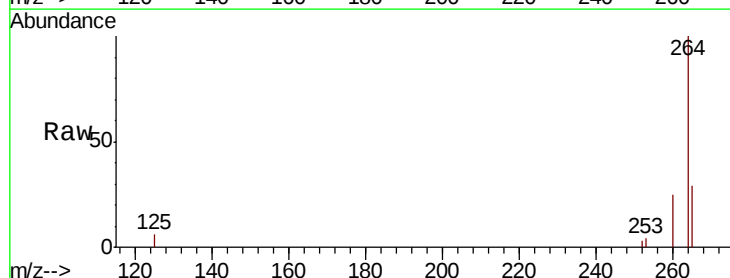
Tgt Ion:264 Resp: 17931

Ion Ratio Lower Upper

264 100

260 25.4 20.7 31.1

265 29.2 23.4 35.2



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

