

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
 Data File : BE100487.D
 Acq On : 22 Jul 2019 20:04
 Operator : HP/JU
 Sample : PB121559BL
 Misc : MDL-W-0.PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB121559BL

Quant Time: Jul 23 08:10:13 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	7.88	152	2048	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7861	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4534	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	11266	0.40	ng	0.00
27) Chrysene-d12	21.38	240	16173	0.40	ng	0.00
34) Perylene-d12	23.86	264	18577	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1571	0.31	ng	0.00
5) Phenol-d6	7.03	99	1982	0.28	ng	0.00
8) Nitrobenzene-d5	9.02	82	1480	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	3006	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	364	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	4325	0.23	ng	0.00
25) Fluoranthene-d10	19.24	212	38241	0.25	ng	0.00
29) Terphenyl-d14	19.83	244	6647	0.17	ng	0.00

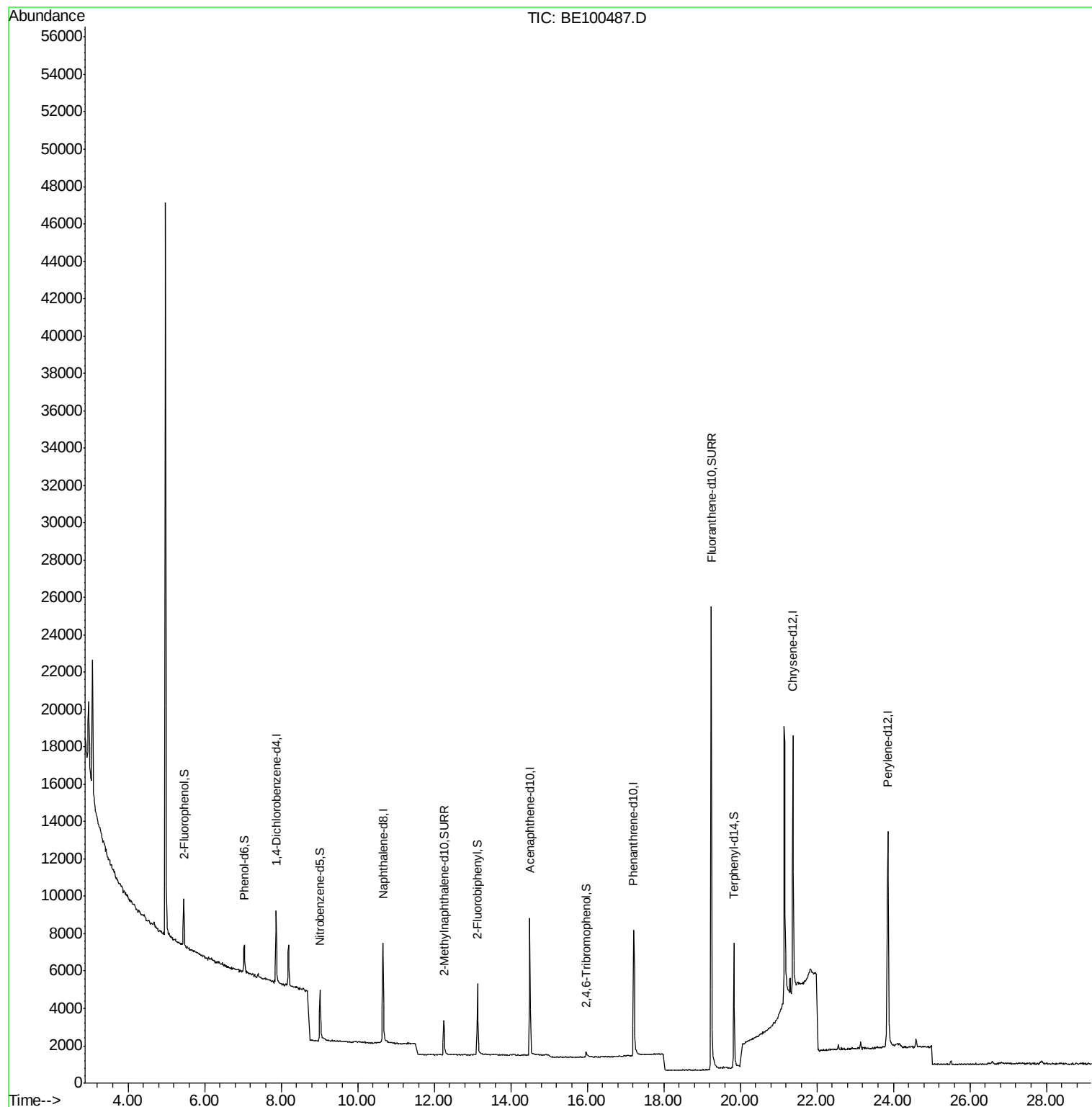
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. 0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

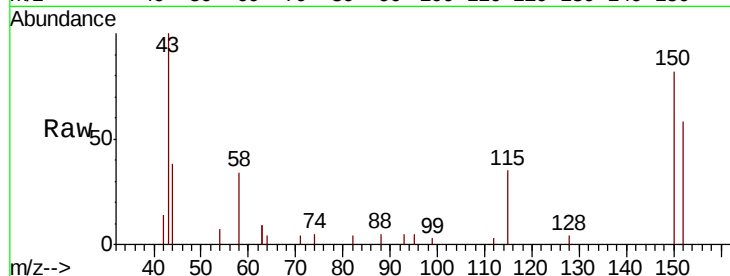
Tot Ion:152 Resp: 2048

Ion Ratio Lower Upper

152 100

150 141.9 115.0 172.6

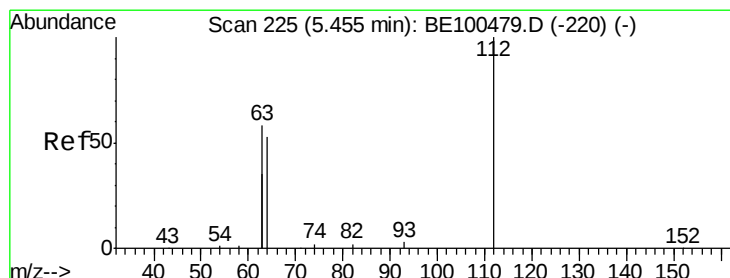
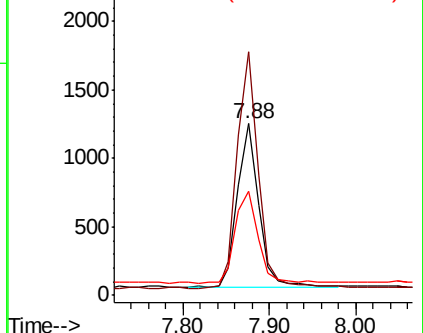
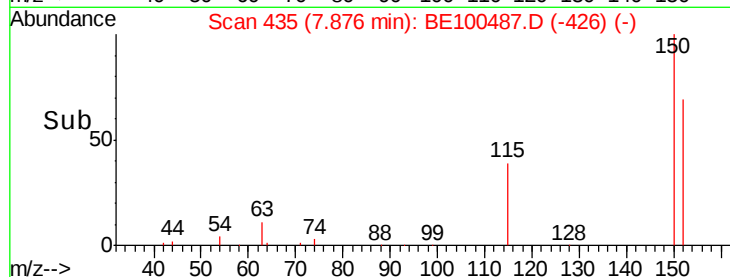
115 61.1 52.9 79.3



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: 0.314 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

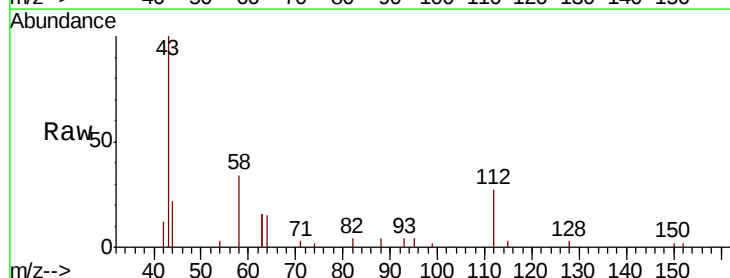
Tgt Ion:112 Resp: 1571

Ion Ratio Lower Upper

112 100

64 67.0 54.1 81.1

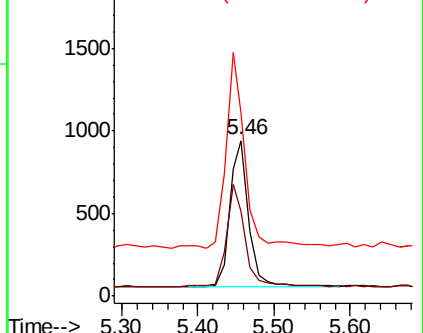
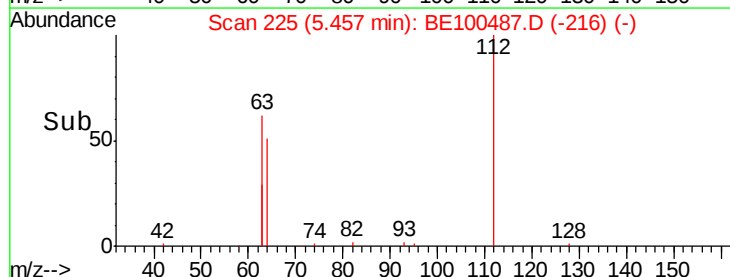
63 133.6 104.6 157.0

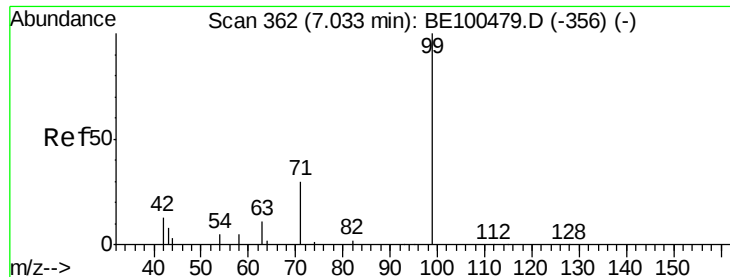


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.278 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

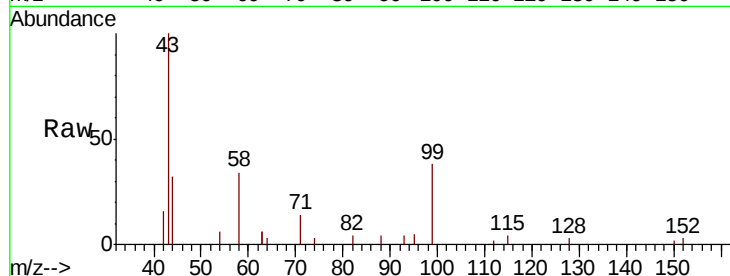
Tot Ion: 99 Resp: 1982

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

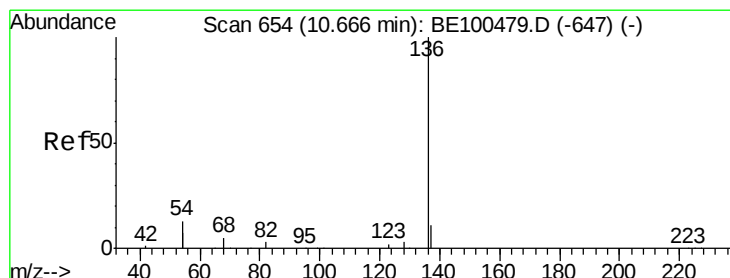
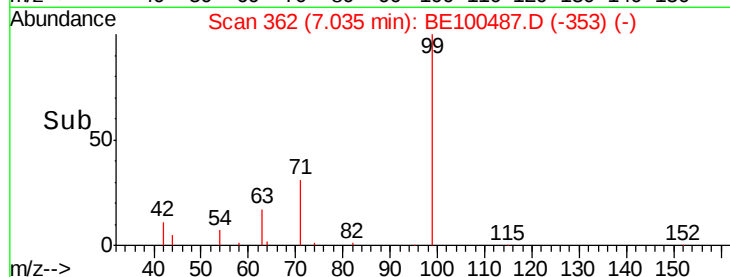
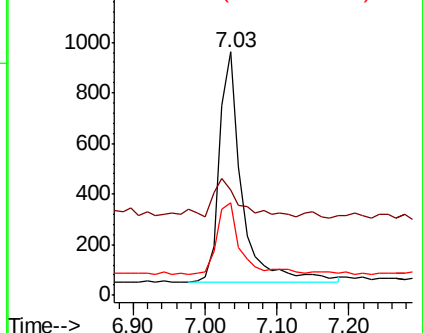
71 31.5 26.4 39.6



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: BE100487.D

Acq: 22 Jul 2019 20:04

Tgt Ion: 136 Resp: 7861

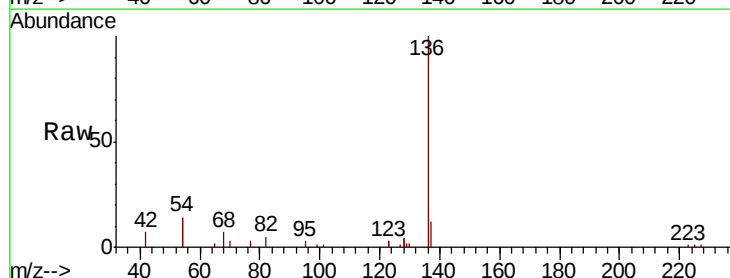
Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.6

54 28.3 20.6 31.0

68 7.0 5.3 7.9

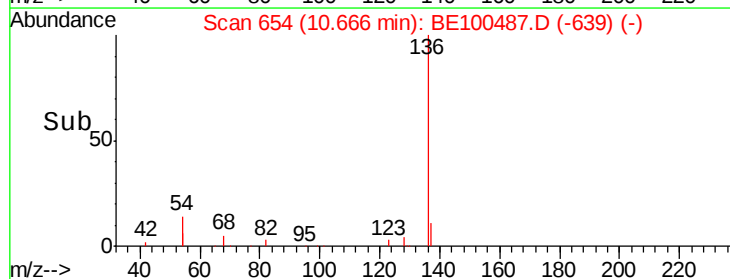
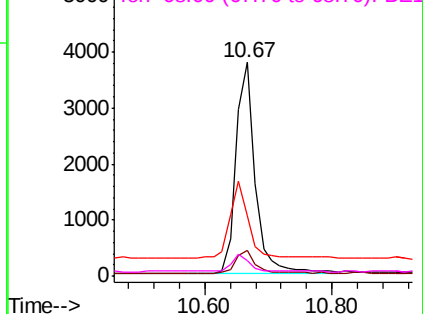


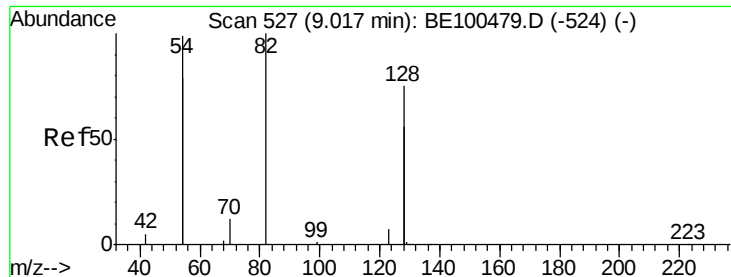
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.226 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

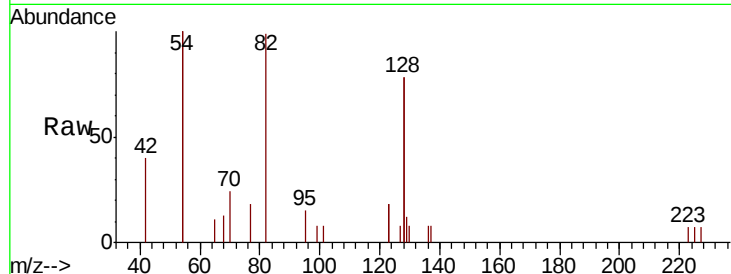
Tot Ion: 82 Resp: 1480

Ion Ratio Lower Upper

82 100

128 157.8 113.6 170.4

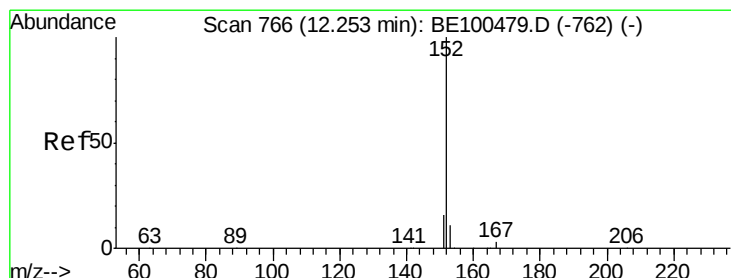
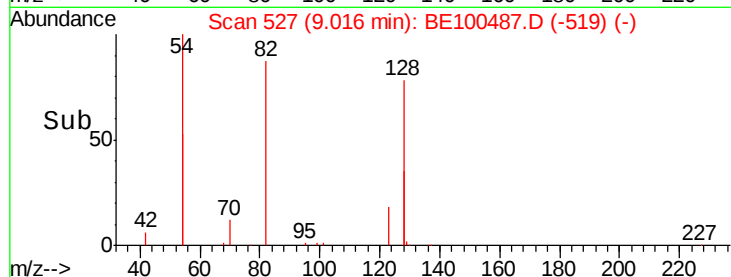
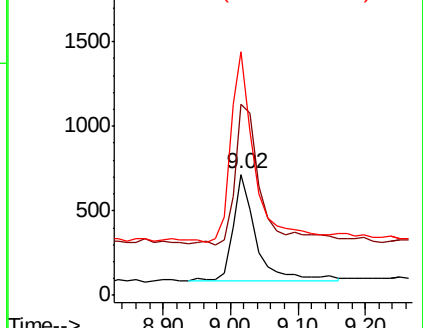
54 201.1 150.6 226.0



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: 0.231 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.00 min

Lab File: BE100487.D

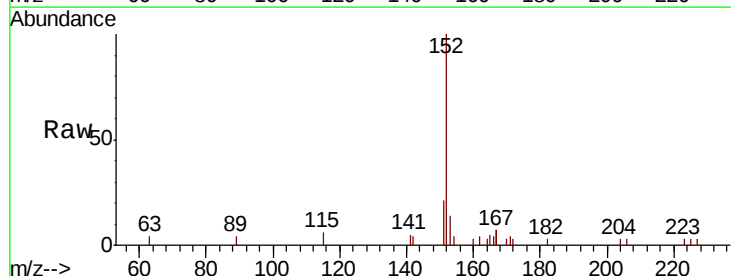
Acq: 22 Jul 2019 20:04

Tgt Ion: 152 Resp: 3006

Ion Ratio Lower Upper

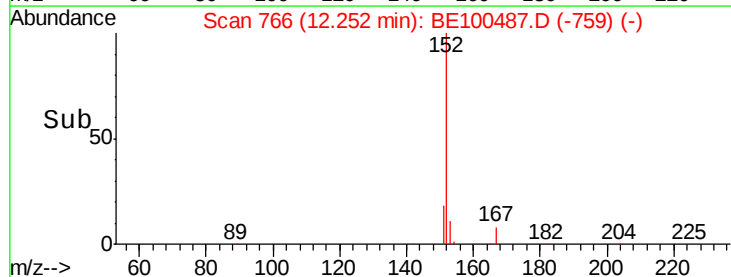
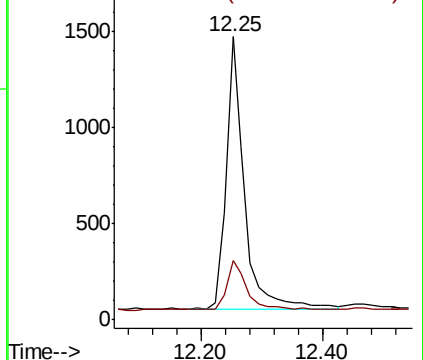
152 100

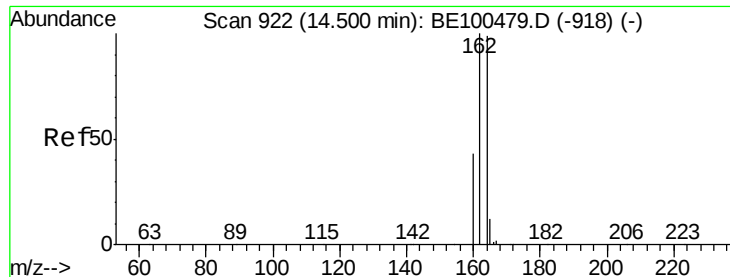
151 19.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

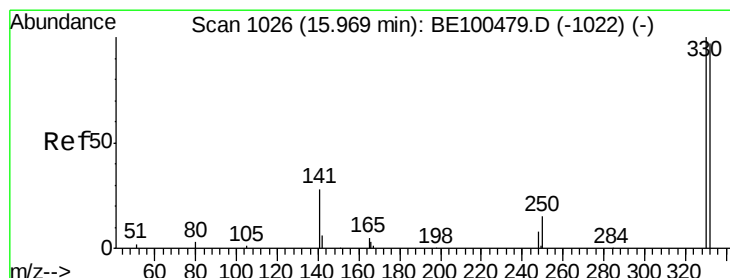
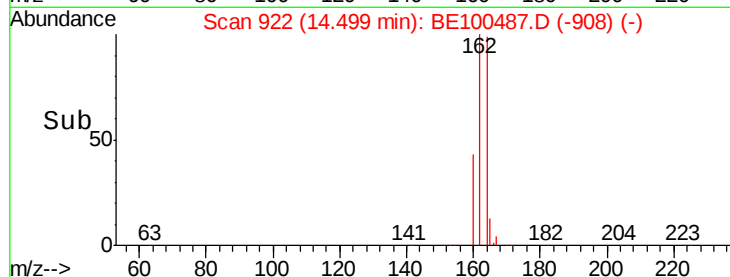
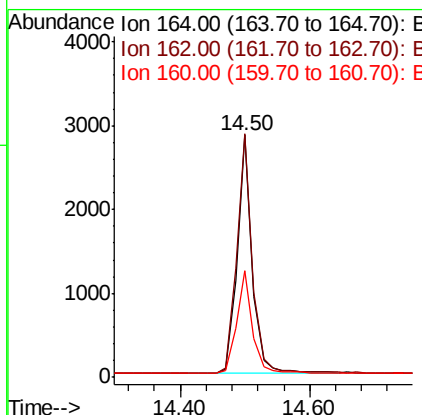
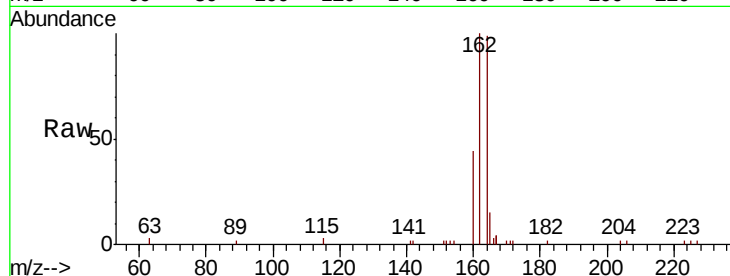




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

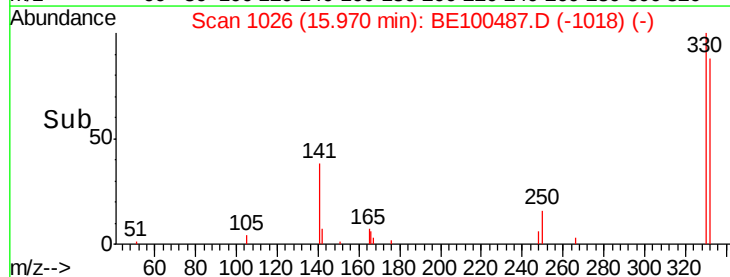
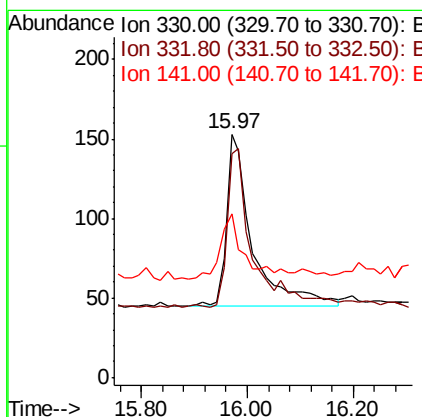
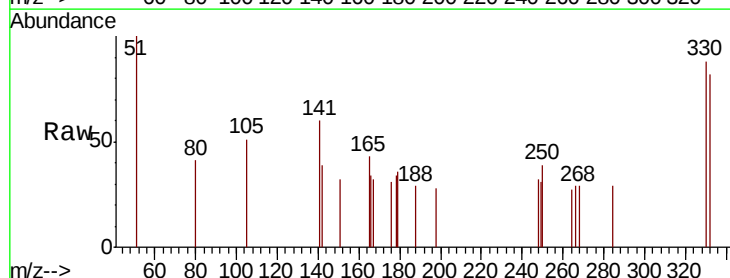
Instrument :
BNA_E
ClientSampleId :
PB121559BL

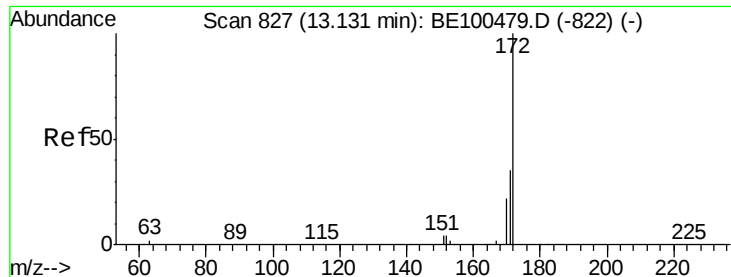
Tot Ion:164 Resp: 4534
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 44.1 34.9 52.3



#14
2,4,6-Tribromophenol
Concen: 0.185 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Tgt Ion:330 Resp: 364
Ion Ratio Lower Upper
330 100
332 93.7 80.5 120.7
141 34.6 29.9 44.9

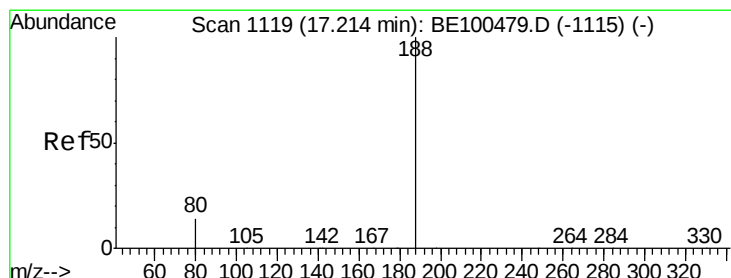
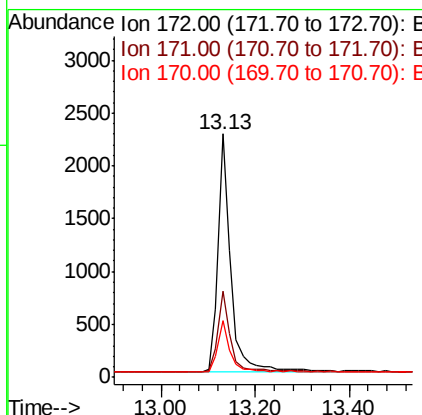
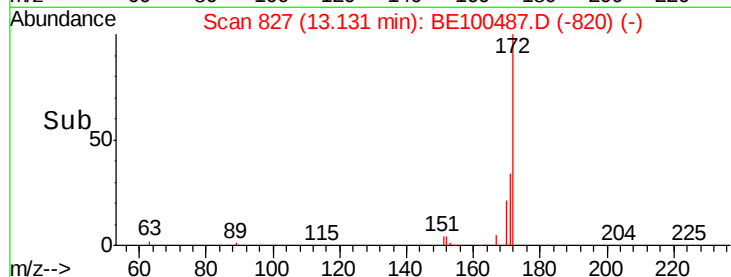
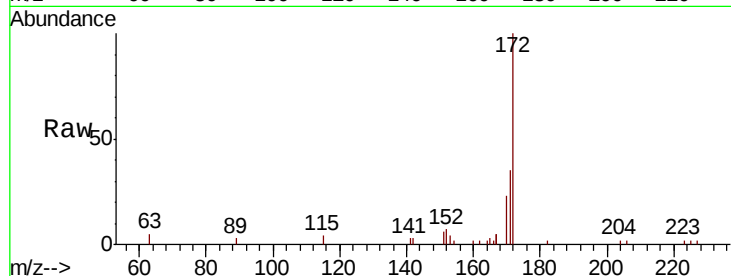




#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

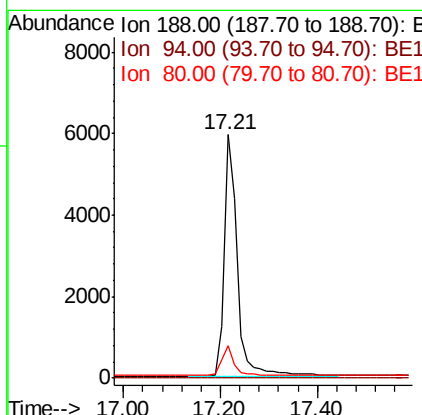
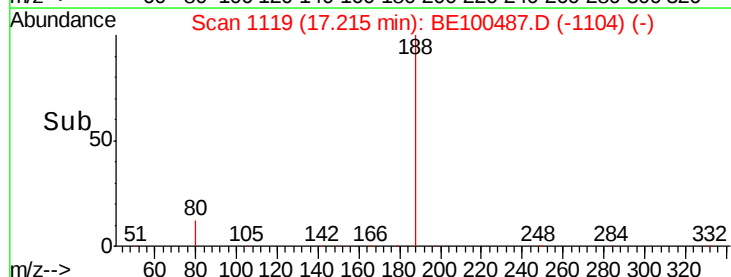
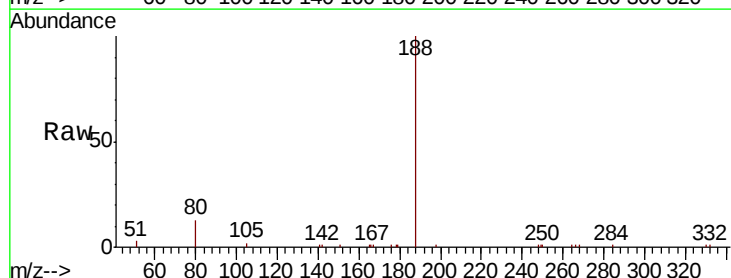
Instrument :
BNA_E
ClientSampleId :
PB121559BL

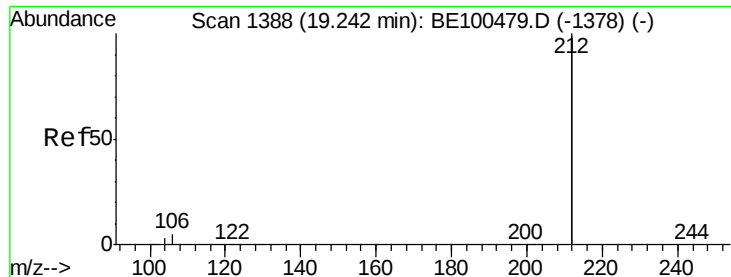
Tot Ion:172 Resp: 4325
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.2 17.8 26.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Tgt Ion:188 Resp: 11266
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 11.9 17.9





#25

Fluoranthene-d10

Concen: 0.248 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

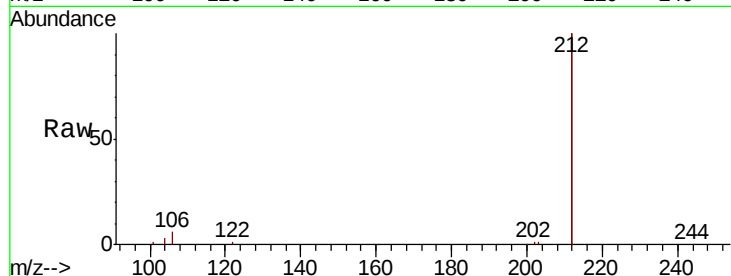
Tot Ion:212 Resp: 38241

Ion Ratio Lower Upper

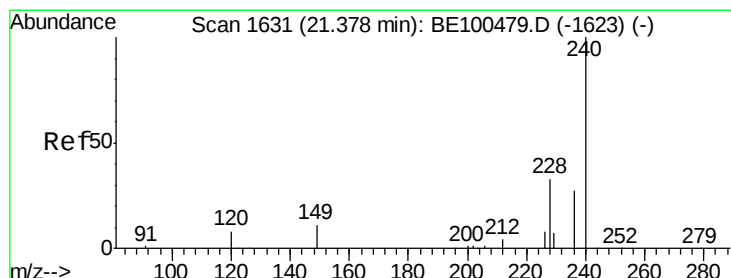
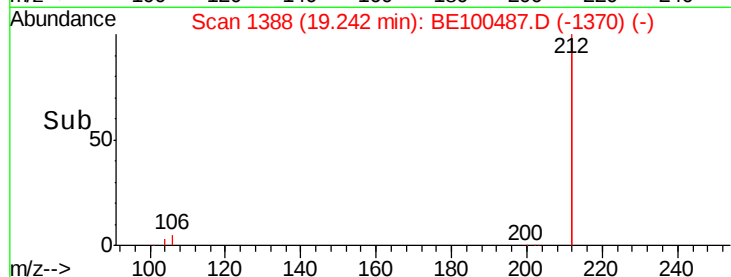
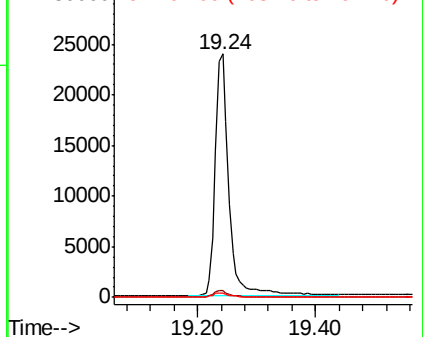
212 100

106 2.7 2.2 3.4

104 1.5 1.2 1.8



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: 21.38 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

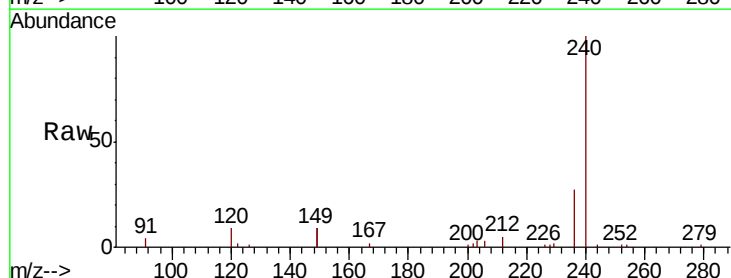
Tgt Ion:240 Resp: 16173

Ion Ratio Lower Upper

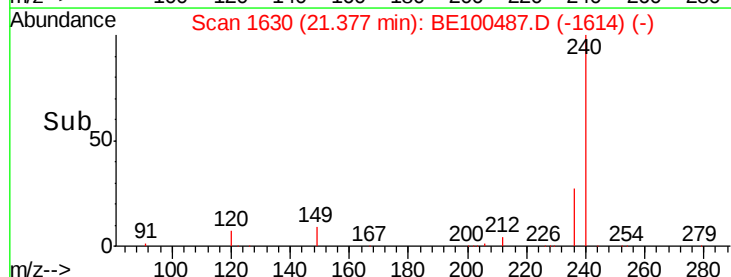
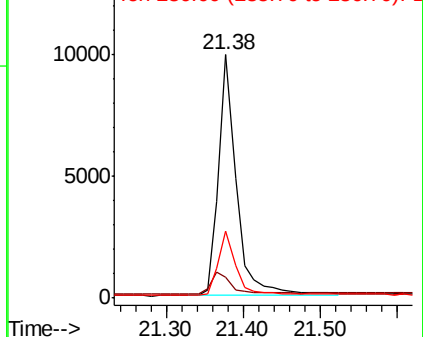
240 100

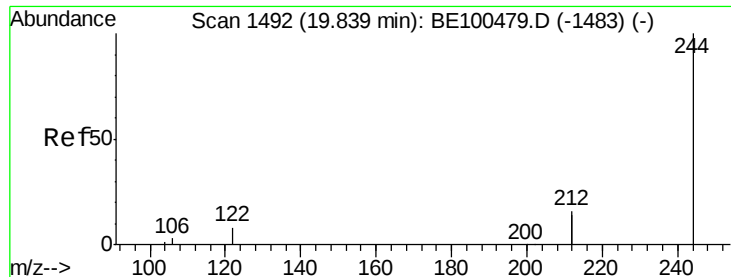
120 8.8 8.2 12.2

236 27.4 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: 0.166 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

Instrument :

BNA_E

ClientSampleId :

PB121559BL

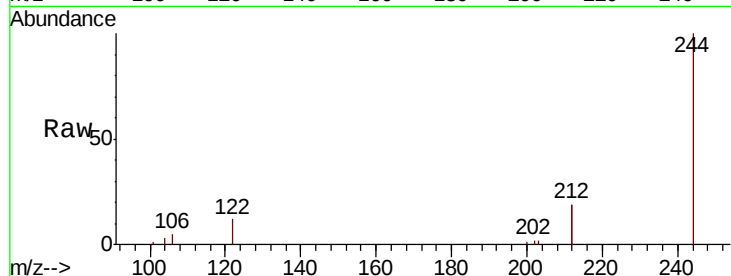
Tot Ion:244 Resp: 6647

Ion Ratio Lower Upper

244 100

212 37.8 25.6 38.4

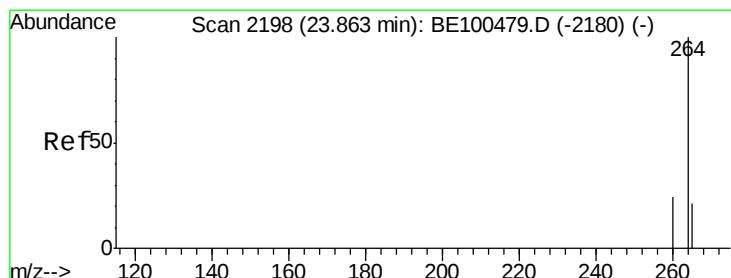
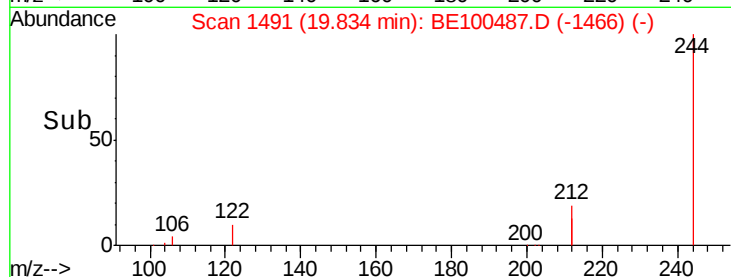
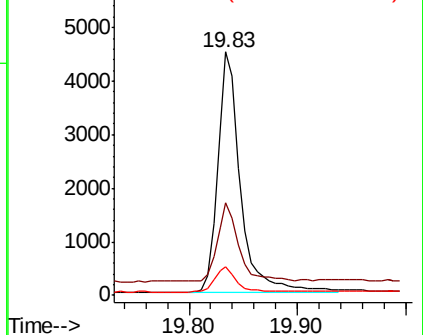
122 11.7 7.2 10.8#



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# 2195

Delta R.T. -0.01 min

Lab File: BE100487.D

Acq: 22 Jul 2019 20:04

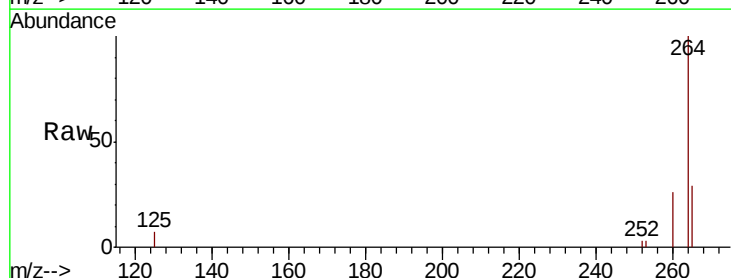
Tgt Ion:264 Resp: 18577

Ion Ratio Lower Upper

264 100

260 25.6 20.7 31.1

265 29.0 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

