

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073120\
 Data File : BN011324.D
 Acq On : 31 Jul 2020 12:53
 Operator : CG/JU
 Sample : PB130596TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130596TB

Quant Time: Jul 31 13:30:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 12:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1575	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	5137	0.40	ng	0.01
13) Acenaphthene-d10	14.10	164	3161	0.40	ng	0.01
19) Phenanthrene-d10	16.86	188	7817	0.40	ng	0.01
29) Chrysene-d12	21.08	240	8124	0.40	ng	0.01
36) Perylene-d12	23.20	264	8250	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.13	112	1623	0.39	ng	0.00
5) Phenol-d6	6.68	99	1597	0.32	ng	0.02
8) Nitrobenzene-d5	8.63	82	1649	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	11.82	152	2792	0.30	ng	0.01
14) 2,4,6-Tribromophenol	15.61	330	464	0.32	ng	0.01
15) 2-Fluorobiphenyl	12.72	172	5276	0.39	ng	0.01
27) Fluoranthene-d10	18.90	212	8503	0.36	ng	0.00
31) Terphenyl-d14	19.51	244	9459	0.38	ng	0.00

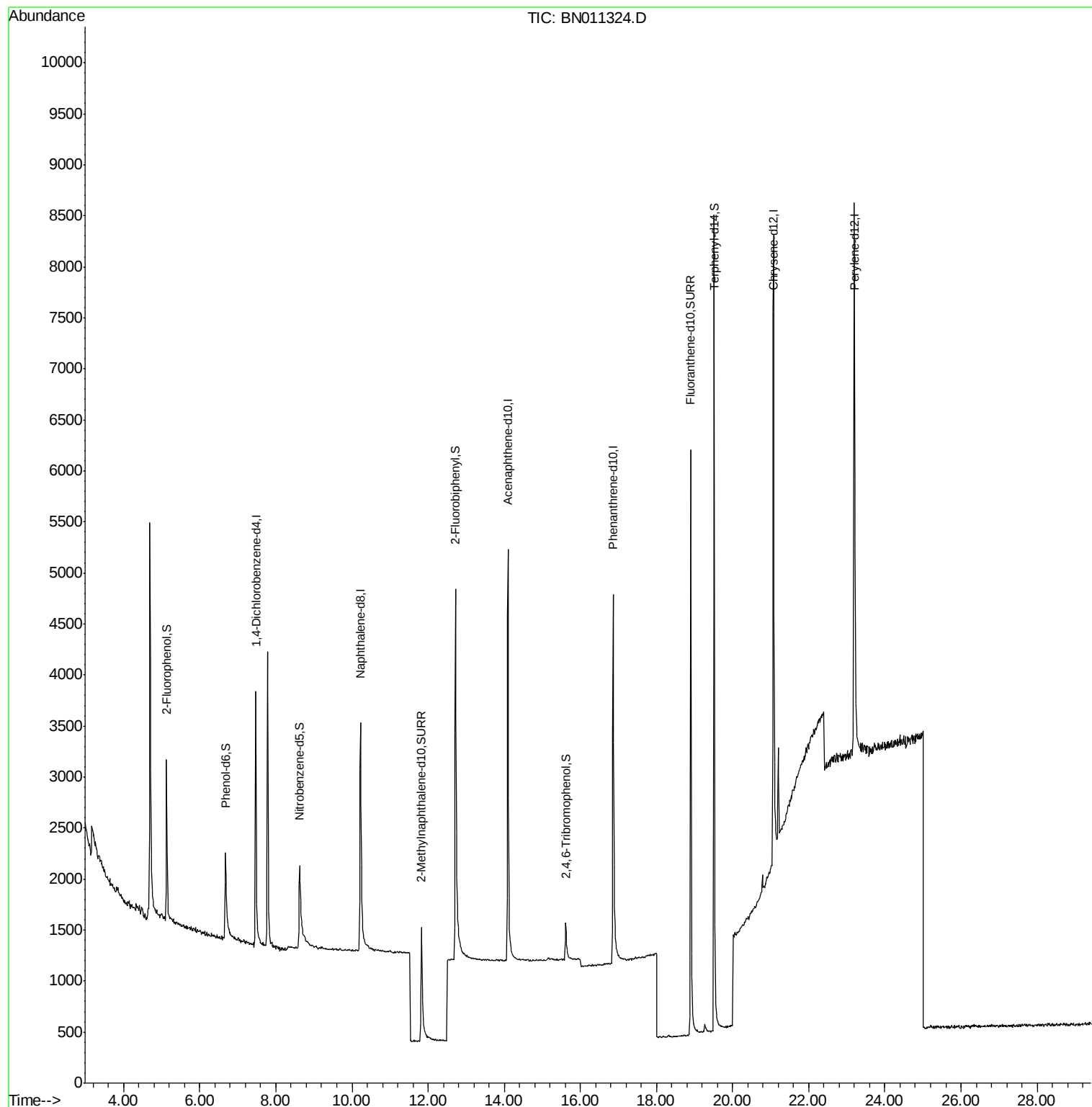
Target Compounds	Qvalue
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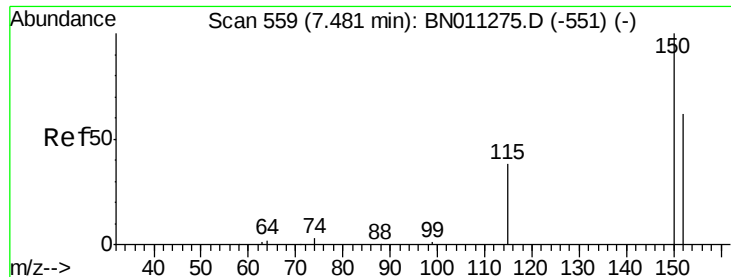
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.47 min Scan# 558

Delta R.T. 0.01 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

Instrument :

BNA_N

ClientSampleId :

PB130596TB

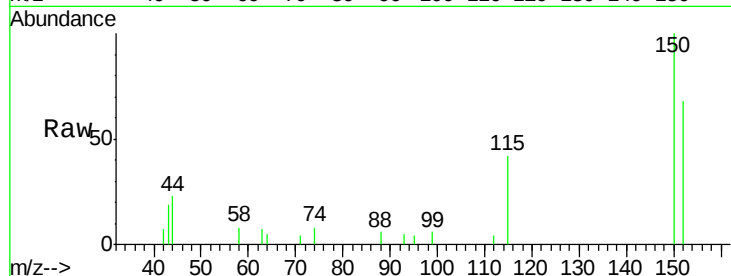
Tot Ion:152 Resp: 1575

Ion Ratio Lower Upper

152 100

150 146.9 126.5 189.7

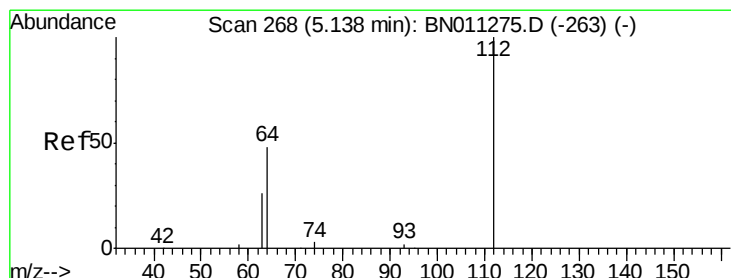
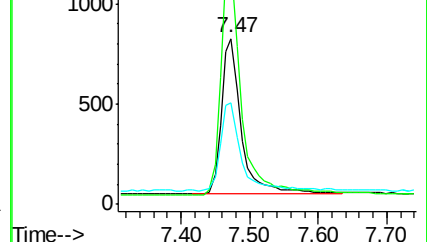
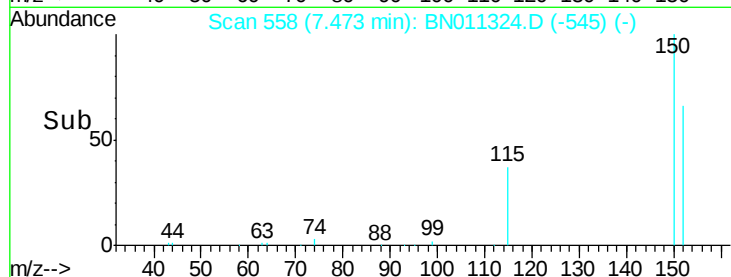
115 61.4 51.9 77.9



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: 0.392 ng

RT: 5.13 min Scan# 267

Delta R.T. -0.00 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

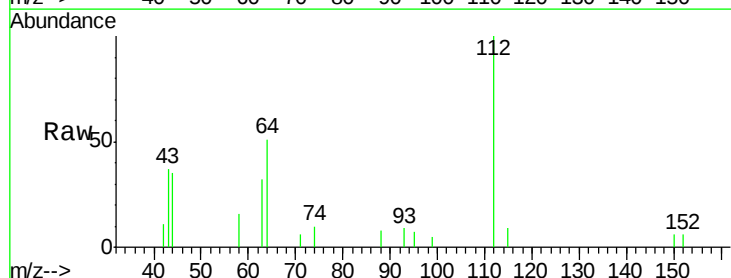
Tgt Ion:112 Resp: 1623

Ion Ratio Lower Upper

112 100

64 45.7 35.8 53.6

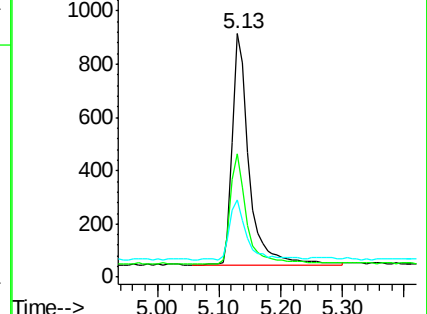
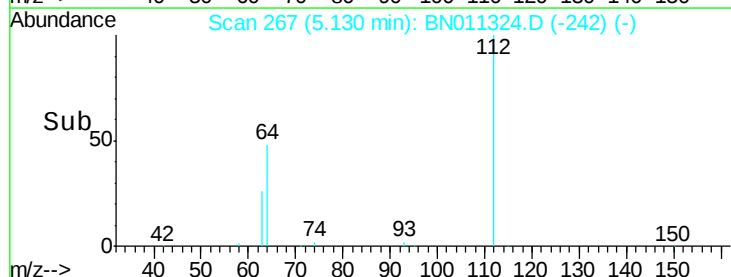
63 26.9 19.3 28.9

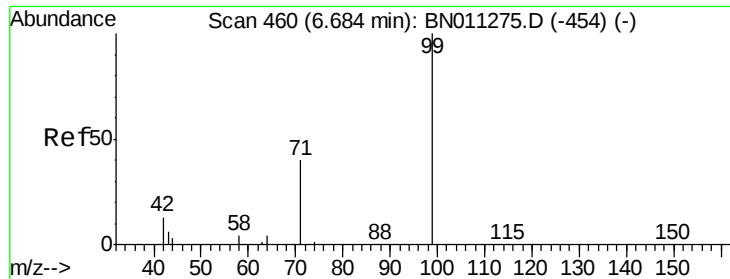


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.317 ng

RT: 6.68 min Scan# 460

Delta R.T. 0.02 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

Instrument :

BNA_N

ClientSampleId :

PB130596TB

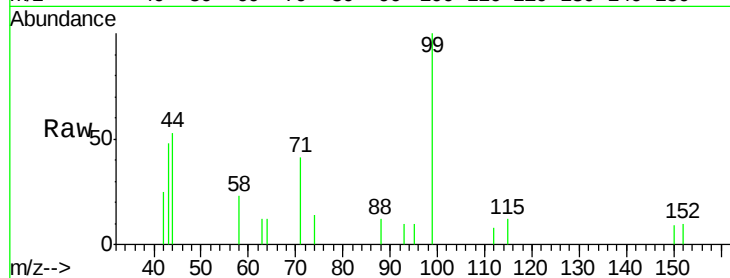
Tot Ion: 99 Resp: 1597

Ion Ratio Lower Upper

99 100

42 14.5 11.2 16.8

71 37.0 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BN011275.D (-454) (-)

Ion 42.00 (41.70 to 42.70): BN011275.D (-454) (-)

Ion 71.00 (70.70 to 71.70): BN011275.D (-454) (-)

Time-->

6.68

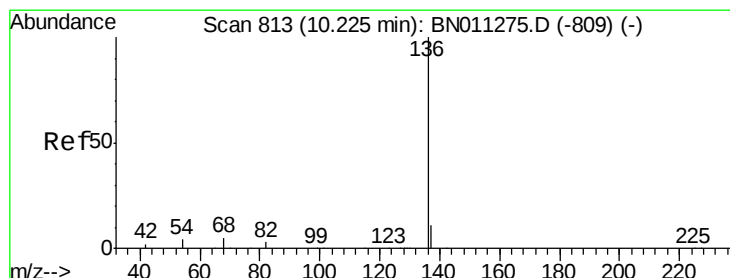
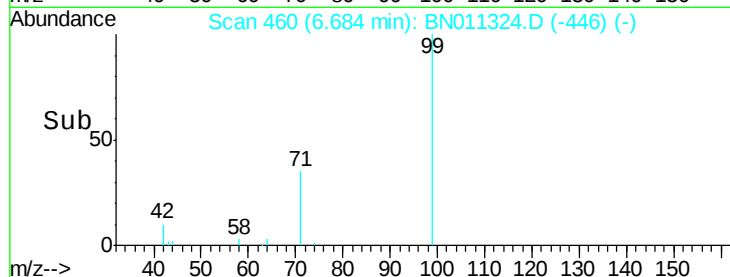
600

400

200

0

6.60 6.70 6.80 6.90



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 813

Delta R.T. 0.01 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

Tgt Ion: 136 Resp: 5137

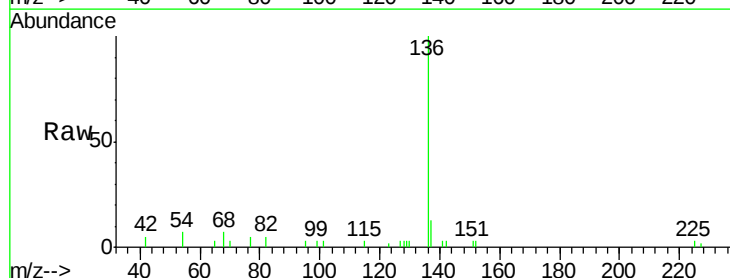
Ion Ratio Lower Upper

136 100

137 13.2 9.9 14.9

54 6.6 4.8 7.2

68 6.5 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BN011275.D (-809) (-)

Ion 137.00 (136.70 to 137.70): BN011275.D (-809) (-)

Ion 54.00 (53.70 to 54.70): BN011275.D (-809) (-)

Ion 68.00 (67.70 to 68.70): BN011275.D (-809) (-)

Time-->

10.22

2500

2000

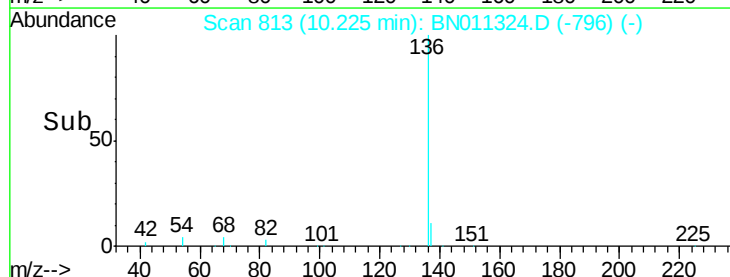
1500

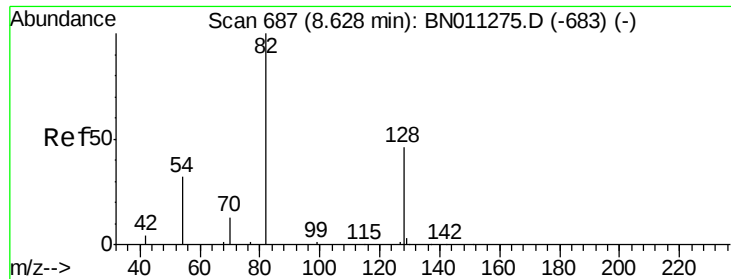
1000

500

0

10.00 10.20 10.40





#8

Nitrobenzene-d5

Concen: 0.360 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.03 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

Instrument :

BNA_N

ClientSampleId :

PB130596TB

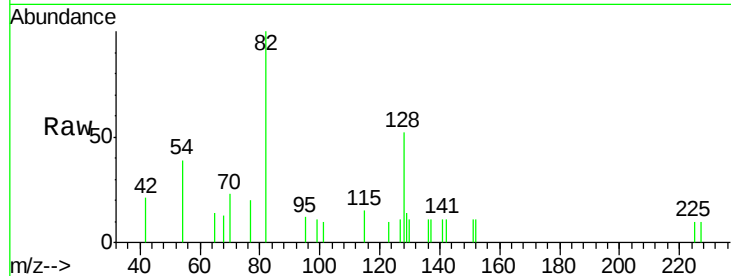
Tot Ion: 82 Resp: 1649

Ion Ratio Lower Upper

82 100

128 52.1 40.1 60.1

54 39.1 29.0 43.6

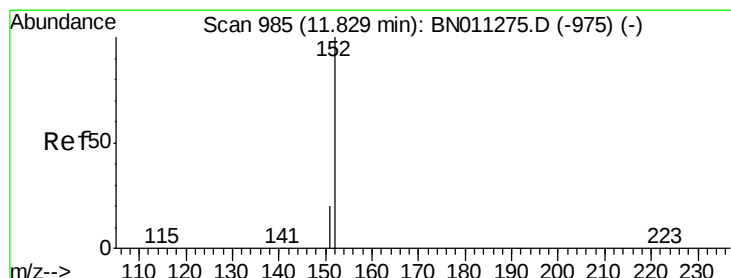
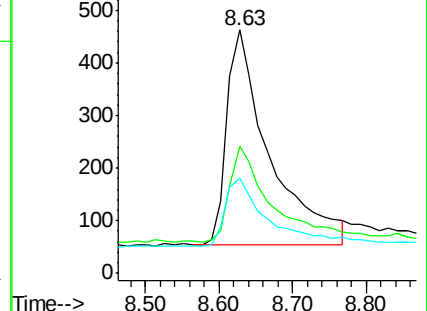
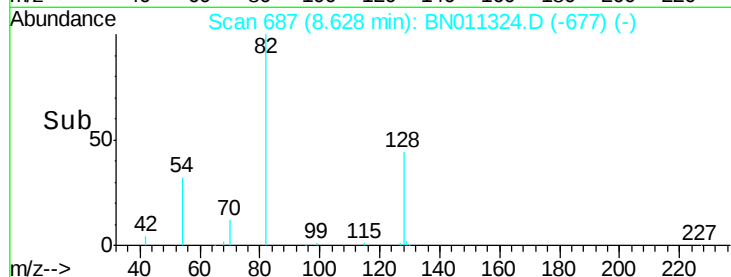


Abundance Ion 82.00 (81.70 to 82.70): BN011324.D (-677) (-)

Ion 128.00 (127.70 to 128.70): BN011324.D (-677) (-)

Ion 54.00 (53.70 to 54.70): BN011324.D (-677) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.298 ng

RT: 11.82 min Scan# 984

Delta R.T. 0.01 min

Lab File: BN011324.D

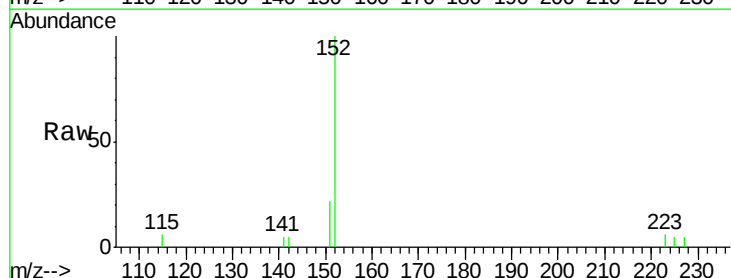
Acq: 31 Jul 2020 12:53

Tgt Ion: 152 Resp: 2792

Ion Ratio Lower Upper

152 100

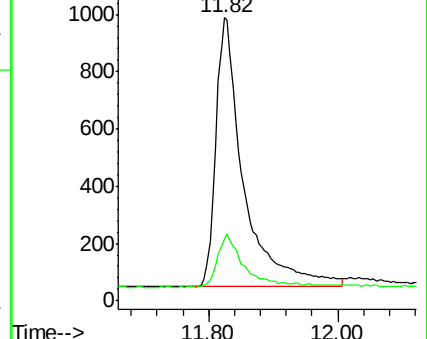
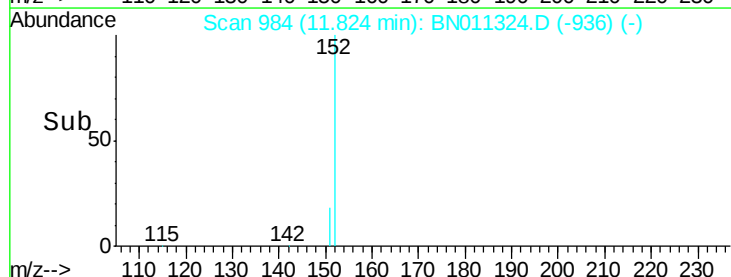
151 17.9 16.6 24.8

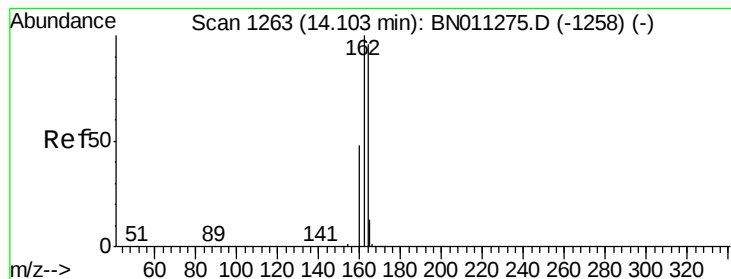


Abundance Ion 152.00 (151.70 to 152.70): BN011324.D (-936) (-)

Ion 151.00 (150.70 to 151.70): BN011324.D (-936) (-)

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

Instrument :

BNA_N

ClientSampleId :

PB130596TB

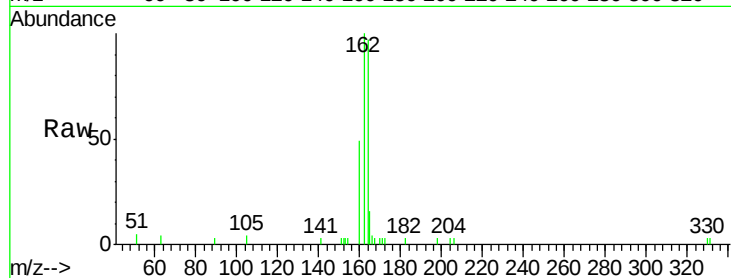
Tot Ion:164 Resp: 3161

Ion Ratio Lower Upper

164 100

162 102.9 83.6 125.4

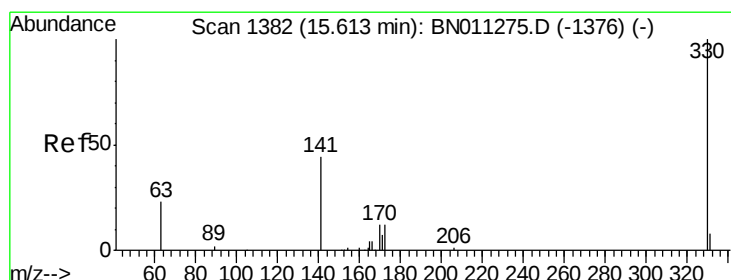
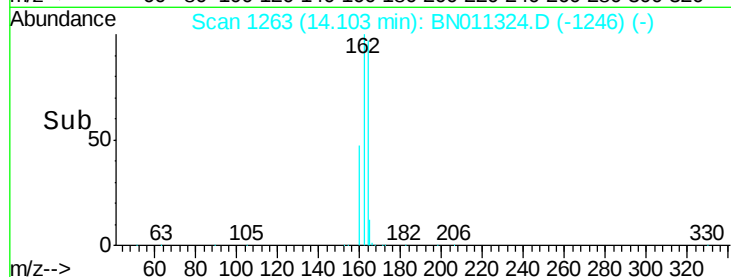
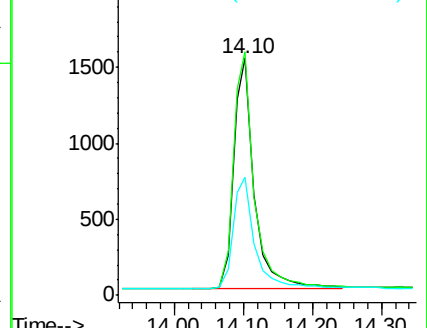
160 49.9 41.2 61.8



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: 0.318 ng

RT: 15.61 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

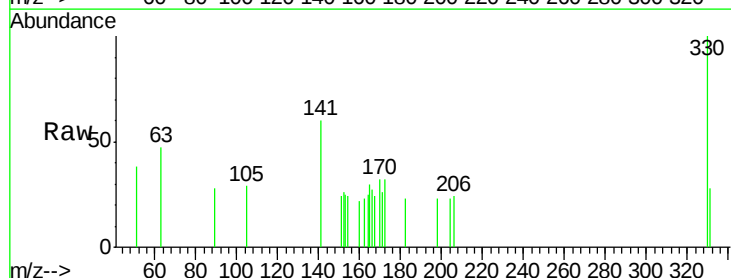
Tgt Ion:330 Resp: 464

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

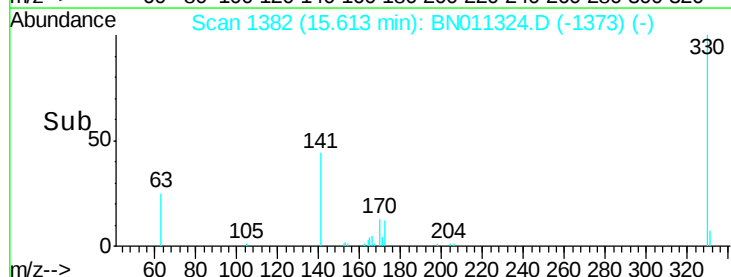
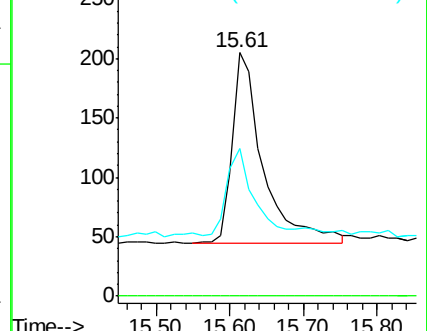
141 43.8 34.2 51.2

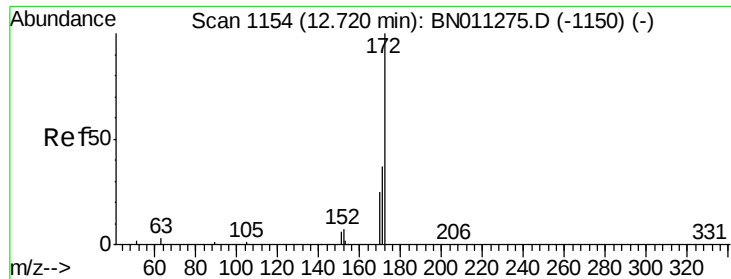


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

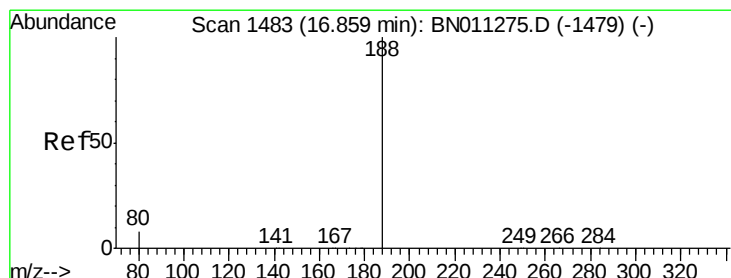
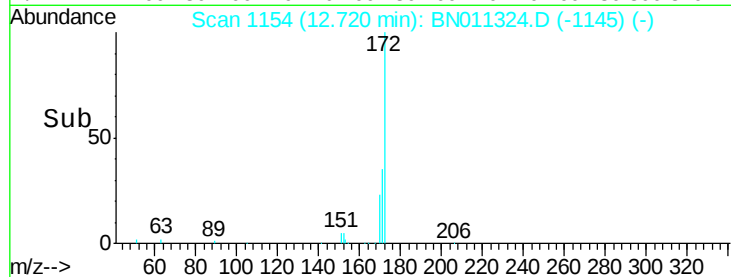
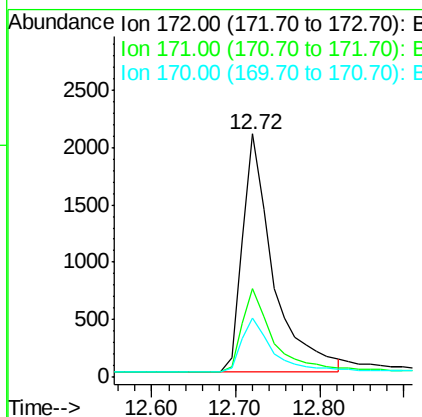
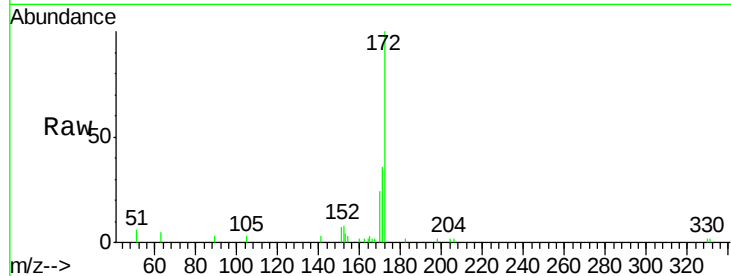




#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.72 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BN011324.D
Acq: 31 Jul 2020 12:53

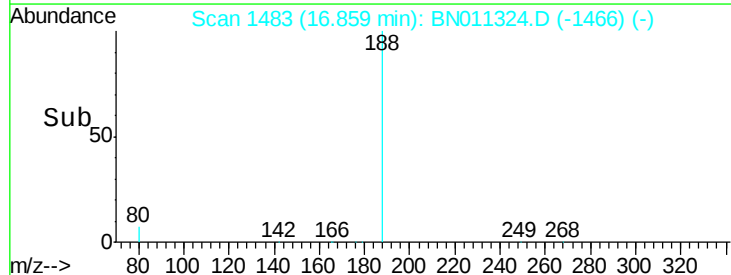
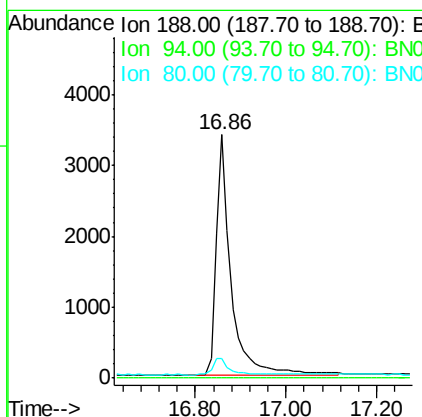
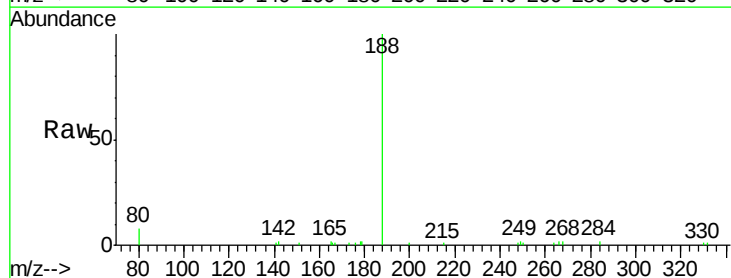
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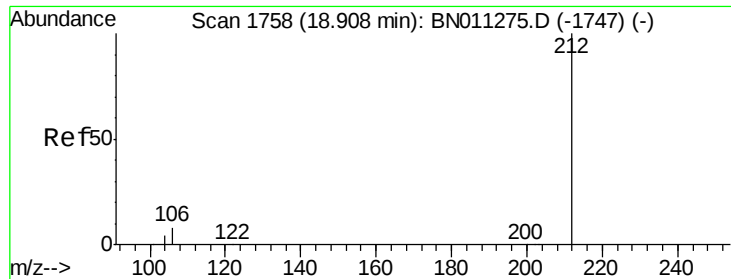
Tot Ion:172 Resp: 5276
Ion Ratio Lower Upper
172 100
171 36.5 30.6 46.0
170 24.5 21.0 31.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BN011324.D
Acq: 31 Jul 2020 12:53

Tgt Ion:188 Resp: 7817
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.4 11.0

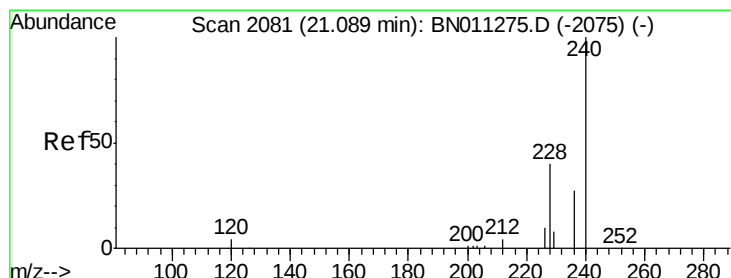
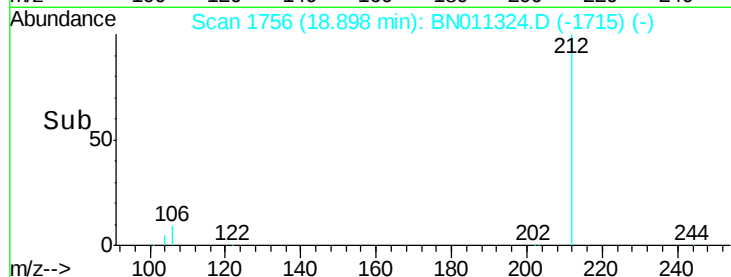
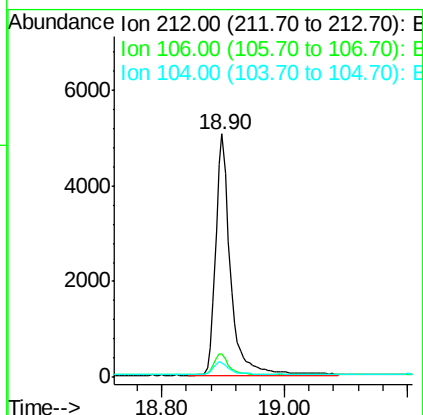
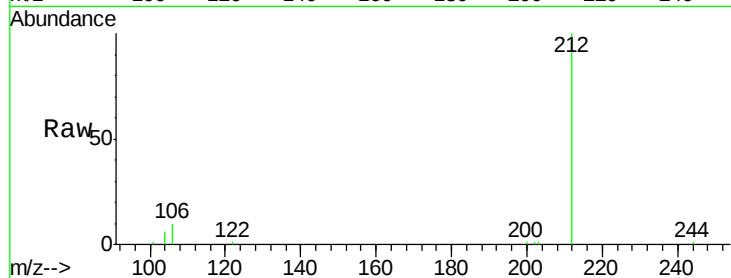




#27
 Fluoranthene-d10
 Concen: 0.356 ng
 RT: 18.90 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BN011324.D
 Acq: 31 Jul 2020 12:53

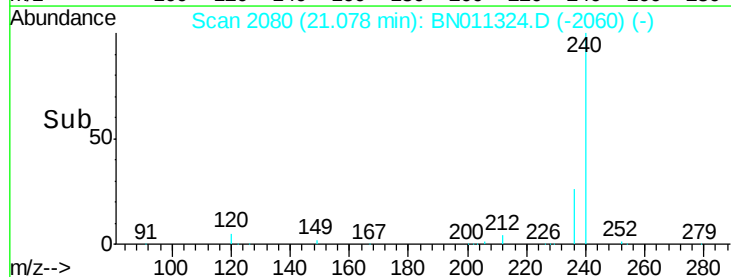
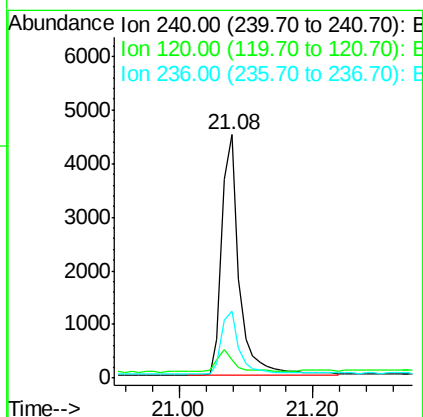
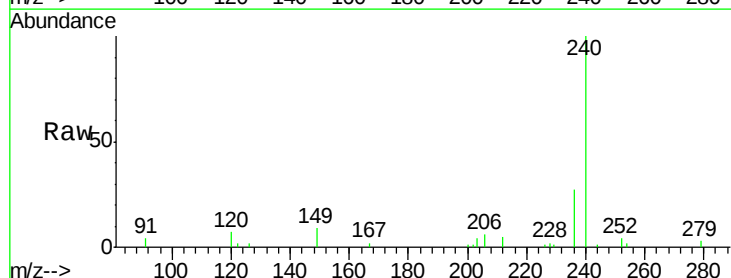
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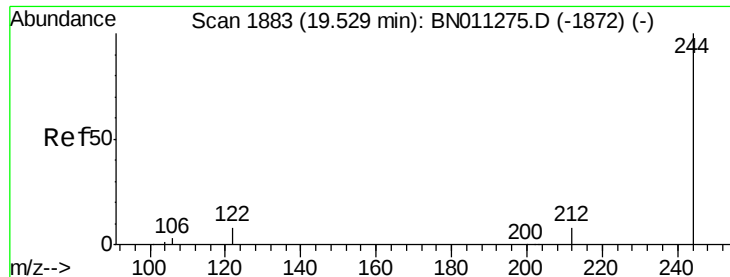
Tot Ion:212 Resp: 8503
 Ion Ratio Lower Upper
 212 100
 106 8.8 6.9 10.3
 104 5.4 4.2 6.2



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.08 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: BN011324.D
 Acq: 31 Jul 2020 12:53

Tgt Ion:240 Resp: 8124
 Ion Ratio Lower Upper
 240 100
 120 7.4 5.8 8.8
 236 27.4 22.7 34.1





#31

Terphenyl-d14

Concen: 0.385 ng

RT: 19.51 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

Instrument :

BNA_N

ClientSampleId :

PB130596TB

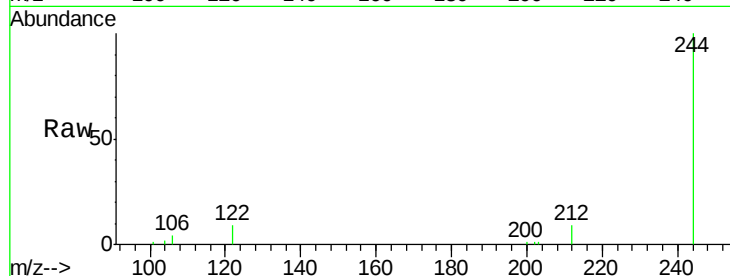
Tot Ion:244 Resp: 9459

Ion Ratio Lower Upper

244 100

212 8.8 7.6 11.4

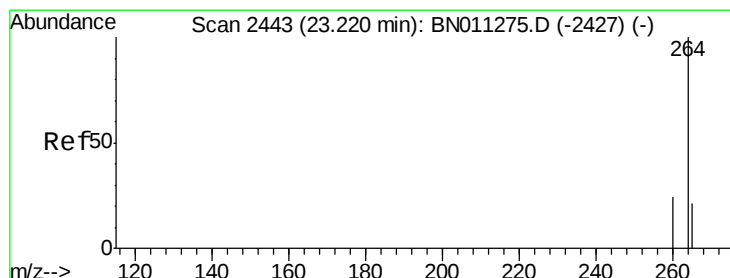
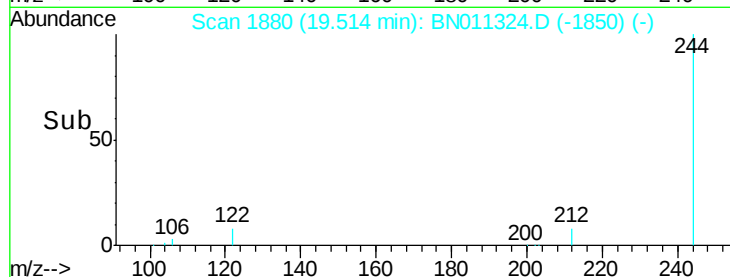
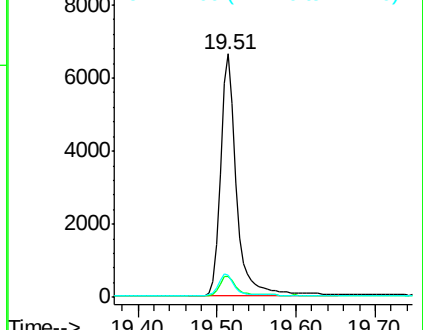
122 9.1 7.5 11.3



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BN011324.D

Acq: 31 Jul 2020 12:53

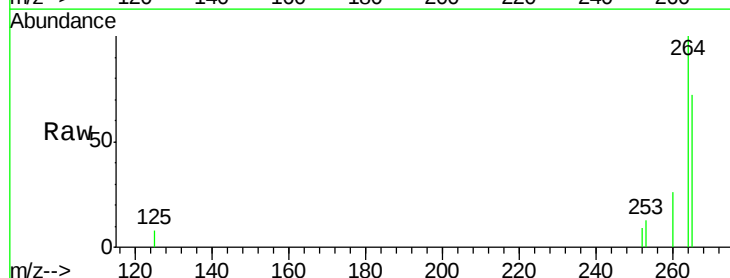
Tgt Ion:264 Resp: 8250

Ion Ratio Lower Upper

264 100

260 25.6 20.1 30.1

265 71.7 70.7 106.1



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

