

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011623.D
 Acq On : 25 Aug 2020 19:36
 Operator : CG/JU
 Sample : L3781-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-3B

Quant Time: Aug 26 00:45:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2159	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	8742	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5355	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	11777	0.40	ng	0.00
29) Chrysene-d12	21.32	240	12124	0.40	ng	-0.01
36) Perylene-d12	23.58	264	14378	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1395	0.20	ng	0.00
5) Phenol-d6	6.92	99	1822	0.19	ng	0.00
8) Nitrobenzene-d5	8.89	82	1747	0.23	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	3306	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	502	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	4726	0.23	ng	-0.01
27) Fluoranthene-d10	19.17	212	7680	0.20	ng	0.00
31) Terphenyl-d14	19.77	244	6757	0.22	ng	0.00

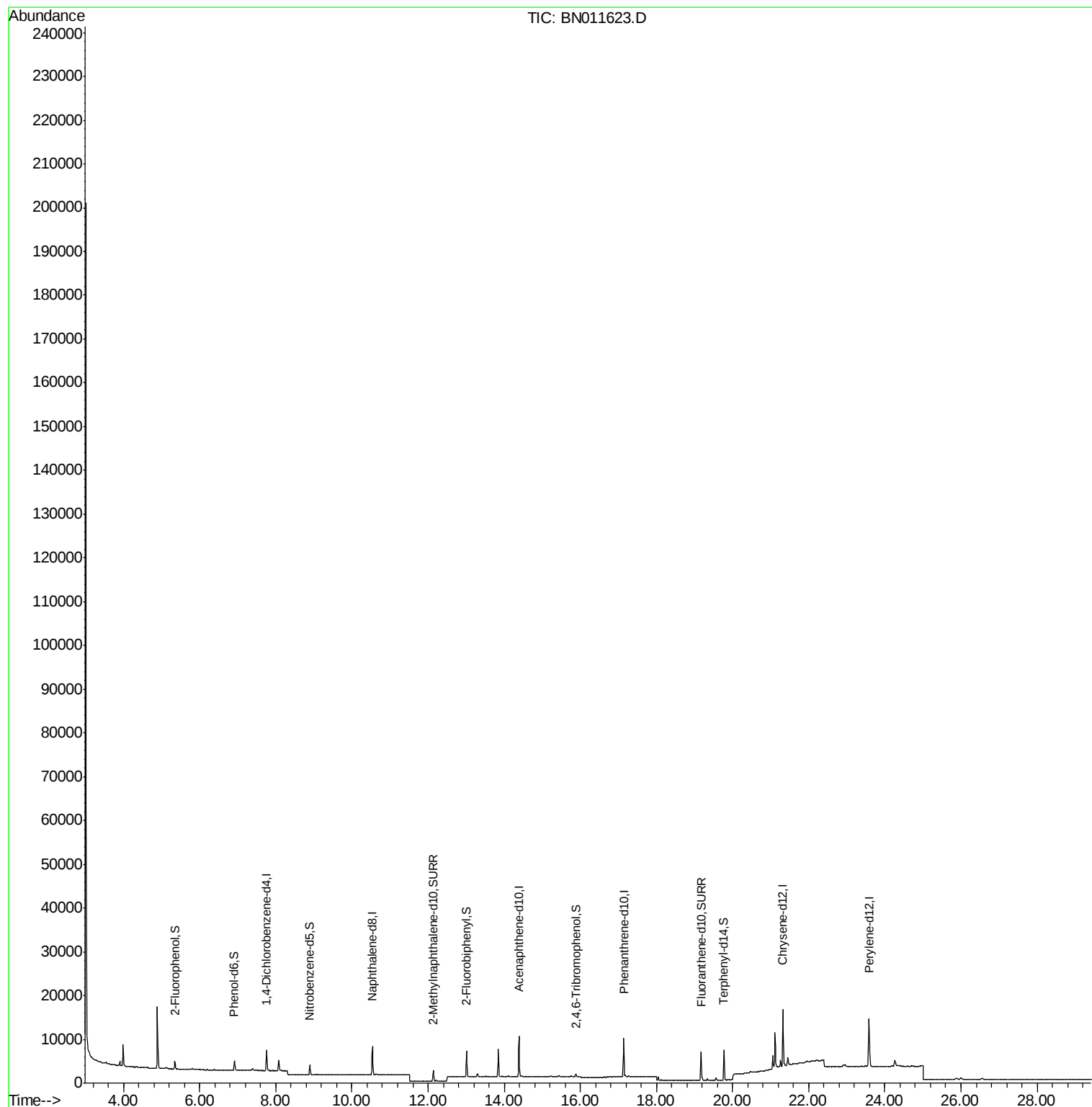
Target Compounds	Qvalue
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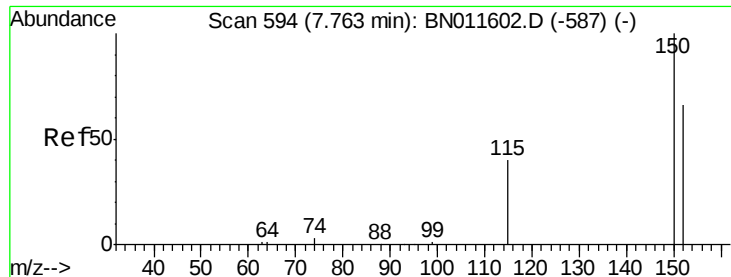
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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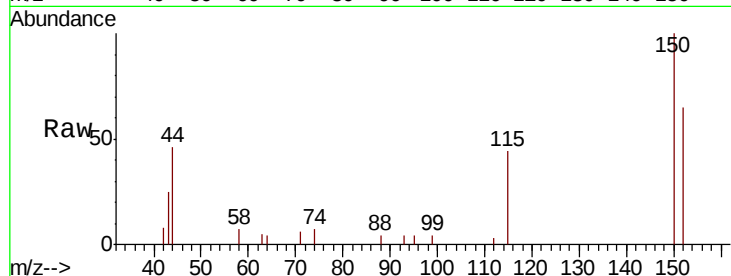


#1

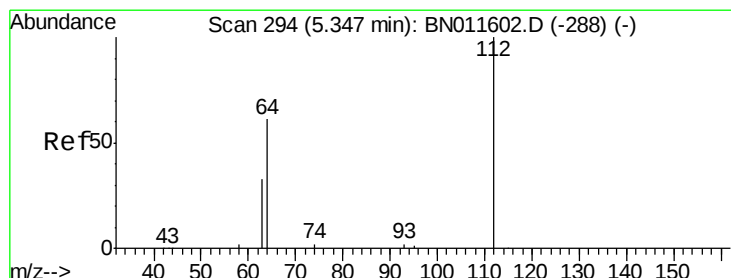
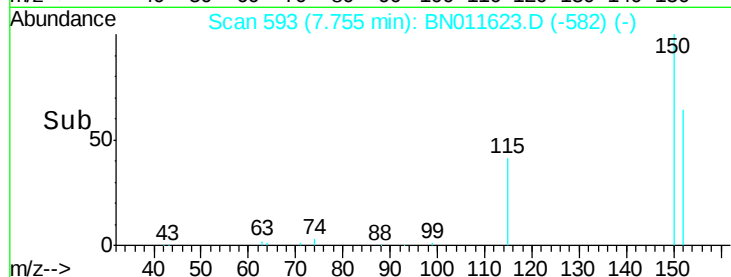
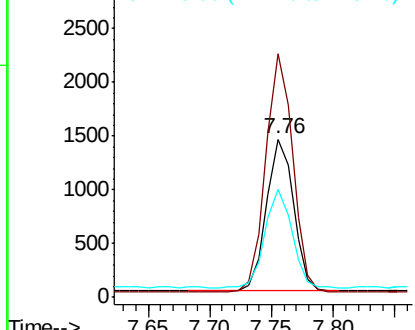
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN011623.D
Acq: 25 Aug 2020 19:36

Instrument :
BNA_N
ClientSampleId :
CS-3B

Tot Ion:152 Resp: 2159
Ion Ratio Lower Upper
152 100
150 154.0 112.4 168.6
115 68.0 56.9 85.3



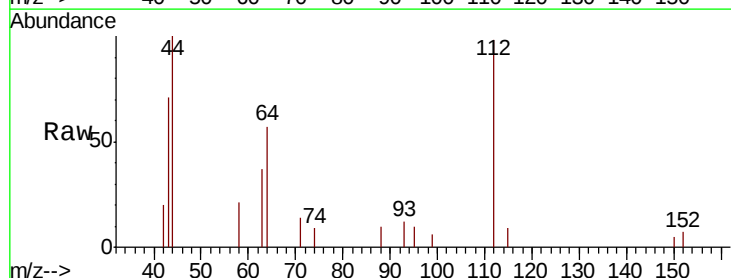
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



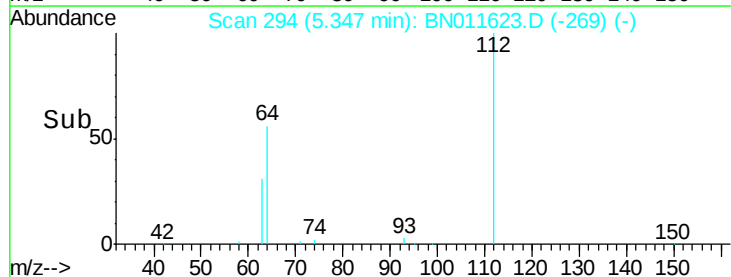
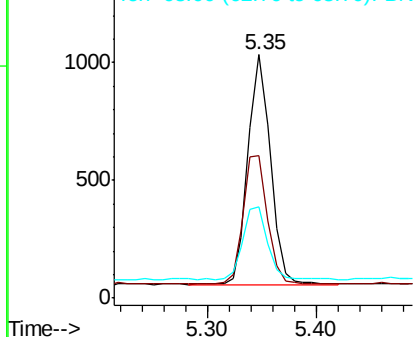
#4

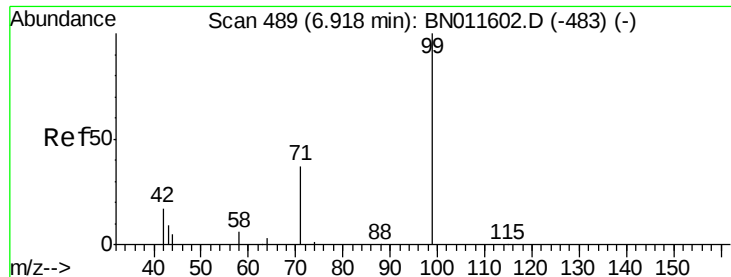
2-Fluorophenol
Concen: 0.202 ng
RT: 5.35 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN011623.D
Acq: 25 Aug 2020 19:36

Tgt Ion:112 Resp: 1395
Ion Ratio Lower Upper
112 100
64 60.0 49.6 74.4
63 34.8 26.4 39.6



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: 0.187 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011623.D

Acq: 25 Aug 2020 19:36

Instrument :

BNA_N

ClientSampleId :

CS-3B

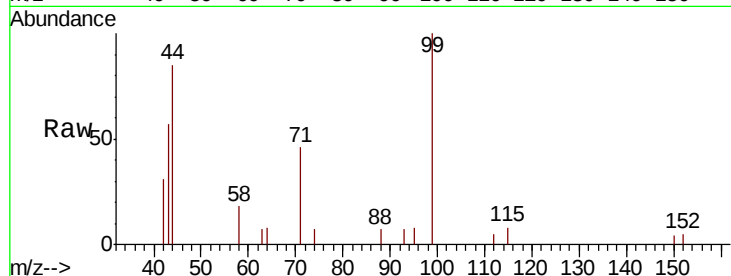
Tot Ion: 99 Resp: 1822

Ion Ratio Lower Upper

99 100

42 25.2 0.0 0.0#

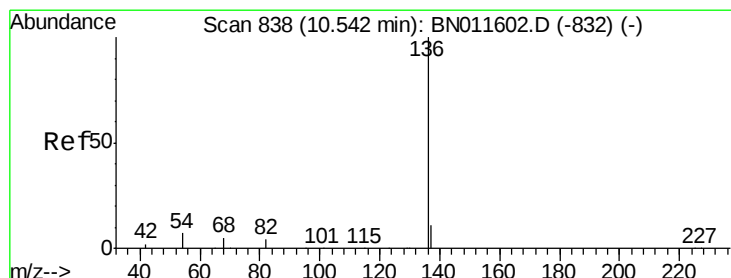
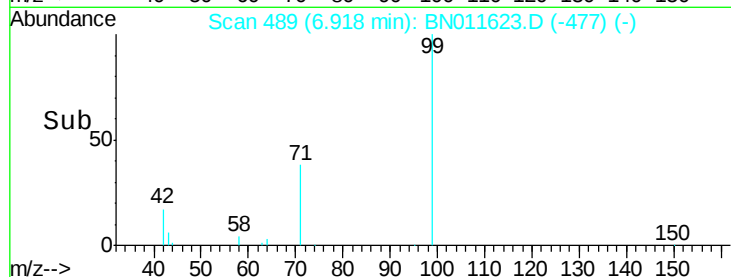
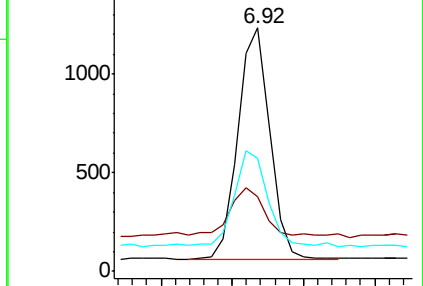
71 44.1 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011602.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011602.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011602.D (-483) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011623.D

Acq: 25 Aug 2020 19:36

Tgt Ion: 136 Resp: 8742

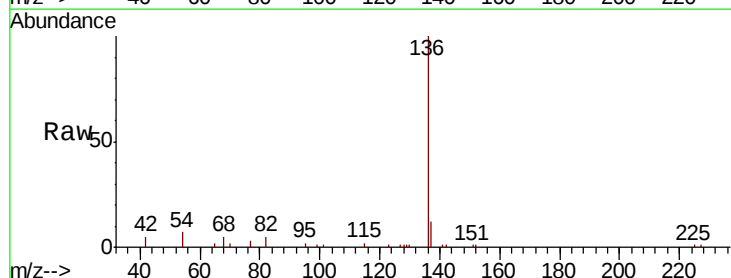
Ion Ratio Lower Upper

136 100

137 11.8 11.5 17.3

54 6.8 11.9 17.9#

68 5.3 12.3 18.5#

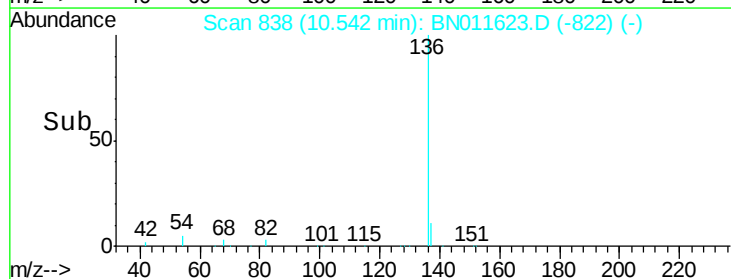
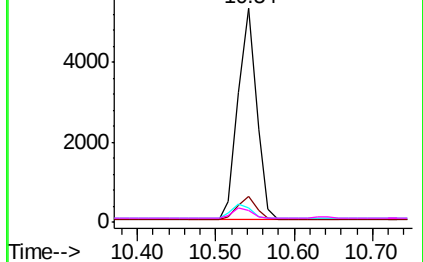


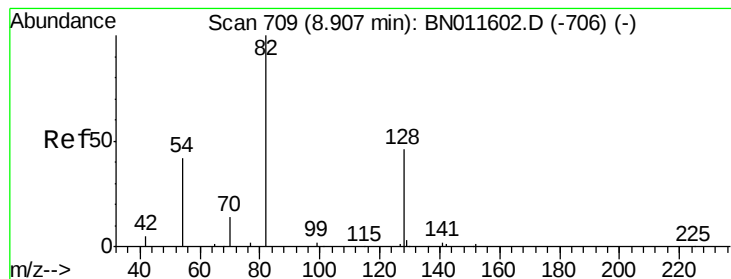
Abundance Ion 136.00 (135.70 to 136.70): BN011602.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN011602.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN011602.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN011602.D (-832) (-)





#8

Nitrobenzene-d5

Concen: 0.231 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011623.D

Acq: 25 Aug 2020 19:36

Instrument :

BNA_N

ClientSampleId :

CS-3B

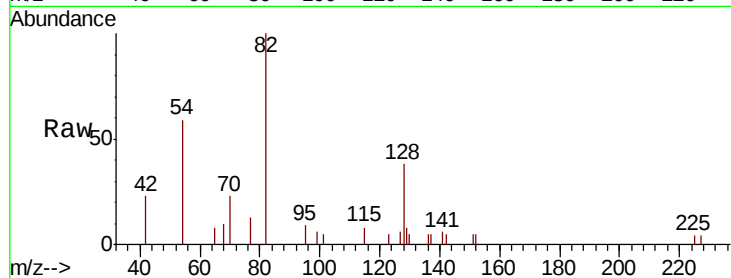
Tot Ion: 82 Resp: 1747

Ion Ratio Lower Upper

82 100

128 38.3 31.1 46.7

54 58.9 37.1 55.7#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC

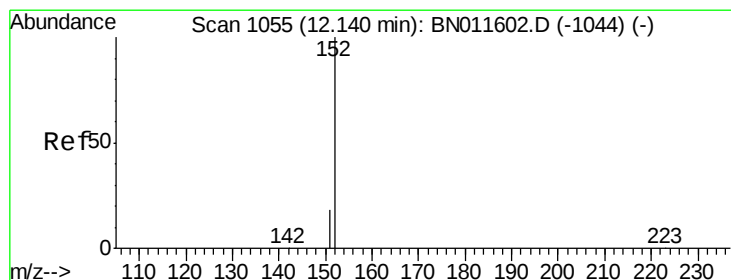
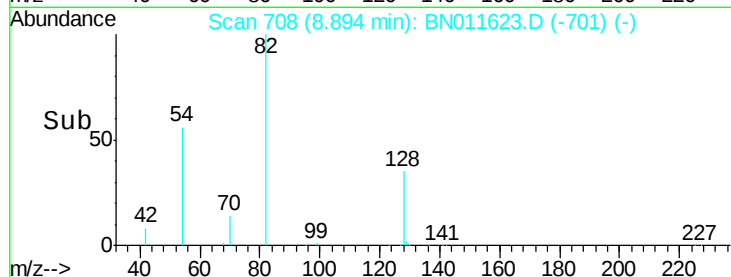
8.89

1000

500

0

Time--> 8.80 8.85 8.90 8.95



#11

2-Methylnaphthalene-d10

Concen: 0.200 ng

RT: 12.14 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN011623.D

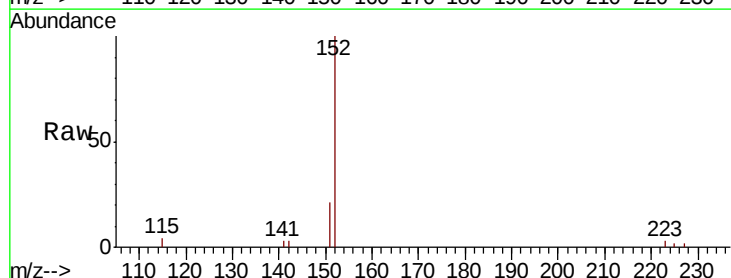
Acq: 25 Aug 2020 19:36

Tgt Ion: 152 Resp: 3306

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC

2500

2000

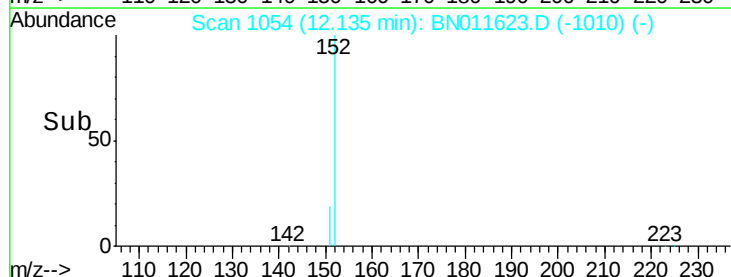
1500

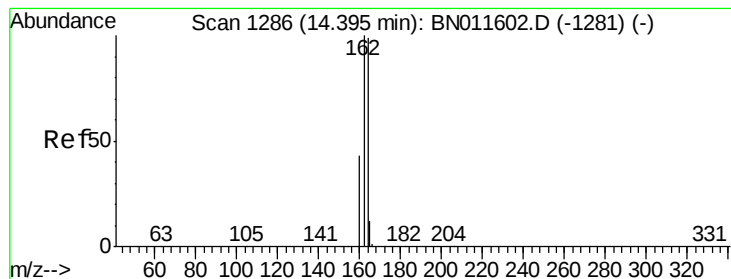
1000

500

0

Time--> 12.10 12.15 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011623.D

Acq: 25 Aug 2020 19:36

Instrument :

BNA_N

ClientSampleId :

CS-3B

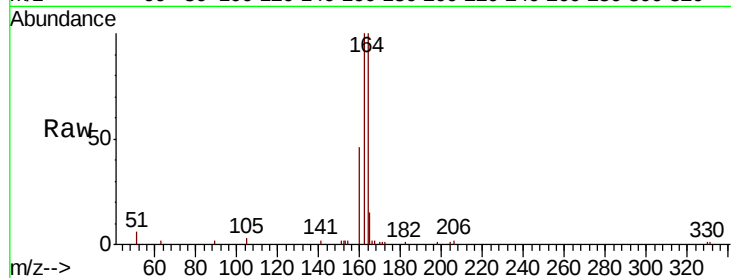
Tot Ion:164 Resp: 5355

Ion Ratio Lower Upper

164 100

162 100.1 80.8 121.2

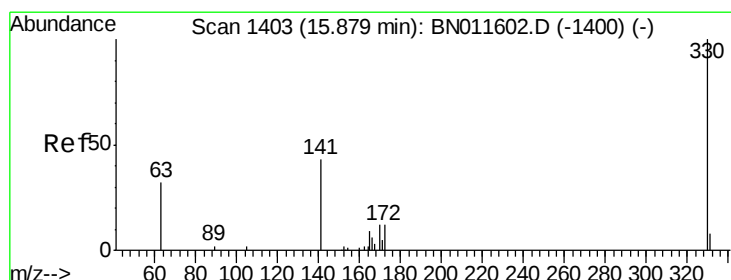
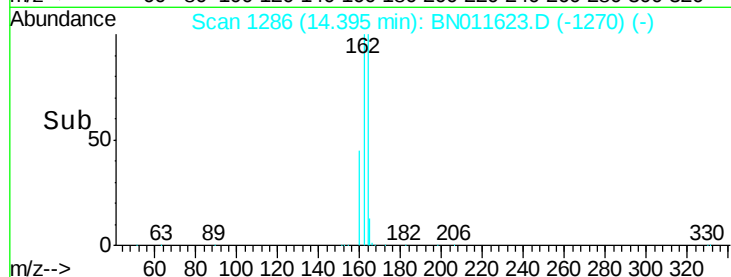
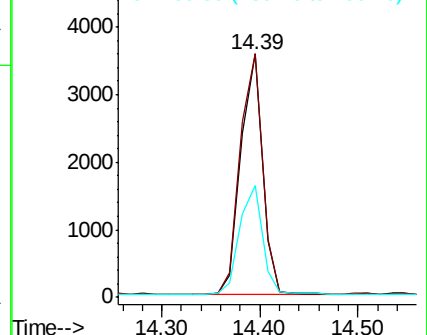
160 45.8 35.6 53.4



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: 0.171 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011623.D

Acq: 25 Aug 2020 19:36

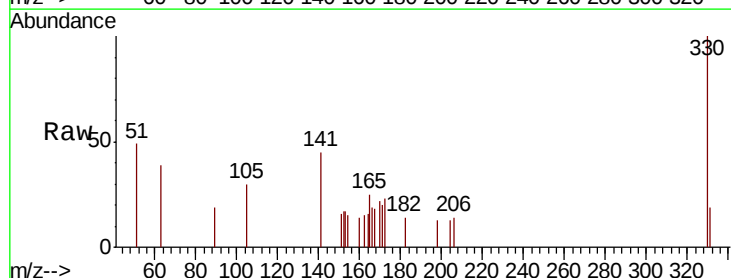
Tgt Ion:330 Resp: 502

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

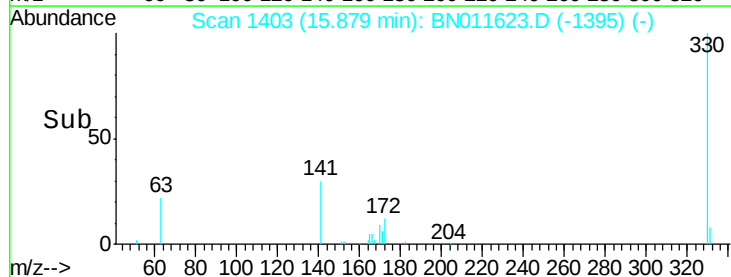
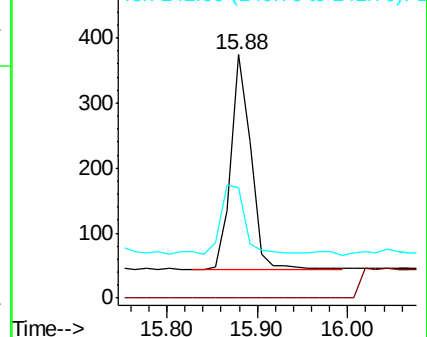
141 39.8 29.4 44.2

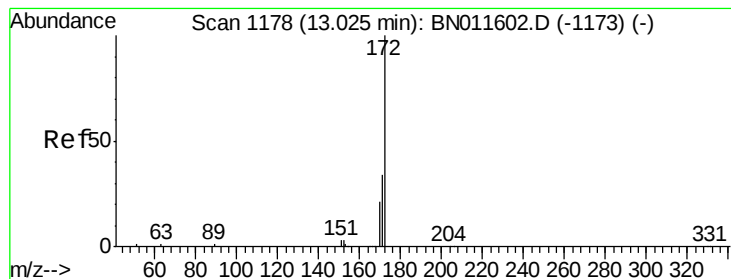


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.227 ng

RT: 13.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BN011623.D

Acq: 25 Aug 2020 19:36

Instrument :

BNA_N

ClientSampleId :

CS-3B

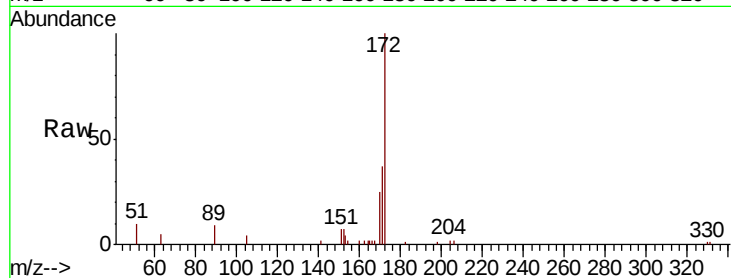
Tot Ion:172 Resp: 4726

Ion Ratio Lower Upper

172 100

171 36.8 28.6 42.8

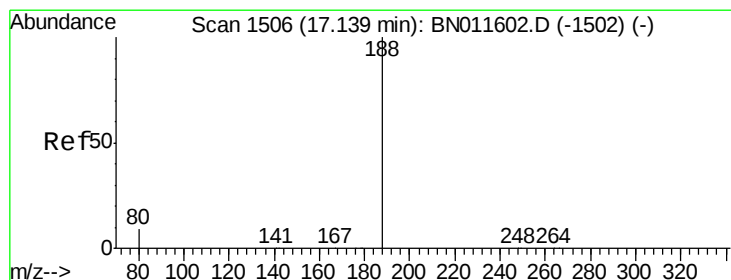
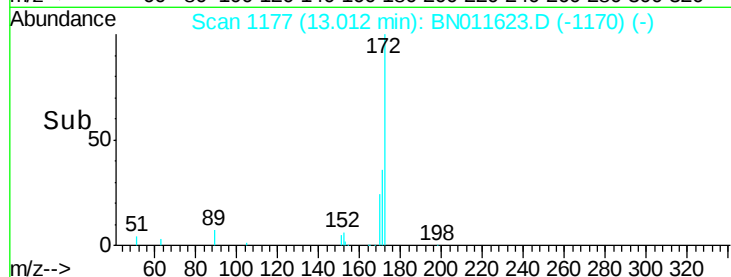
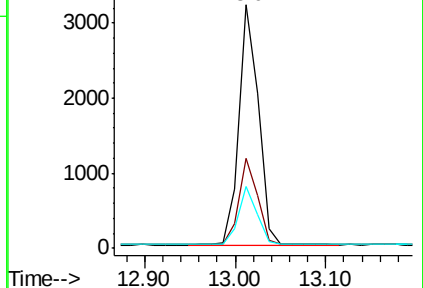
170 25.3 18.2 27.2



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: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011623.D

Acq: 25 Aug 2020 19:36

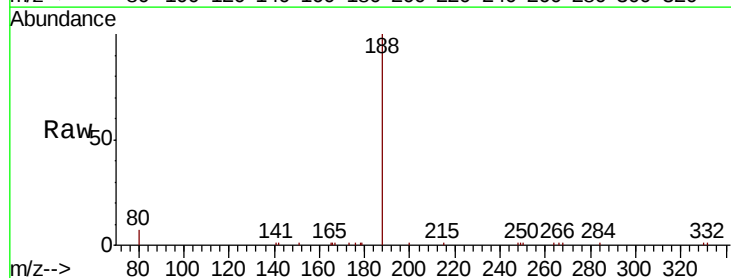
Tgt Ion:188 Resp: 11777

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

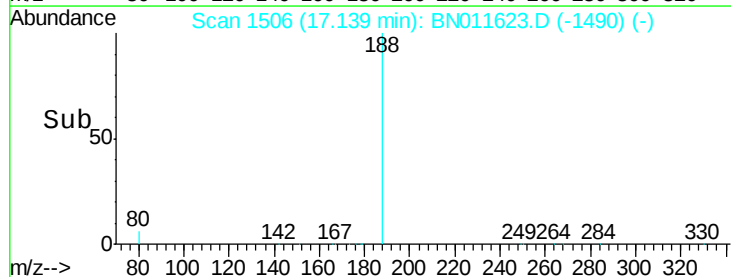
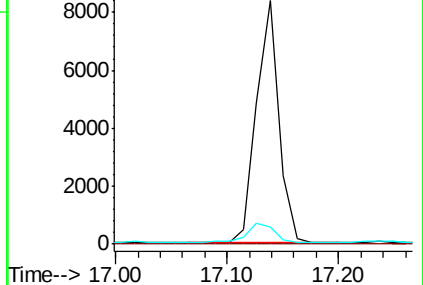
80 6.9 9.2 13.8#

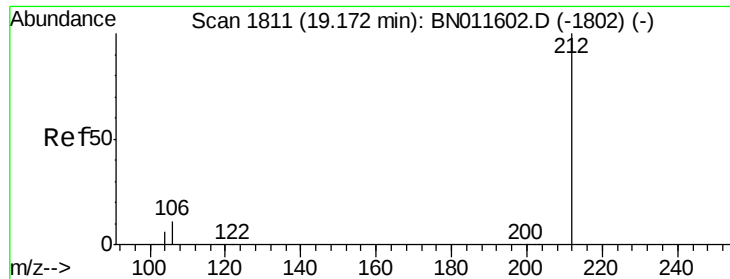


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#27

Fluoranthene-d10

Concen: 0.200 ng

RT: 19.17 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BN011623.D

Acq: 25 Aug 2020 19:36

Instrument :

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CS-3B

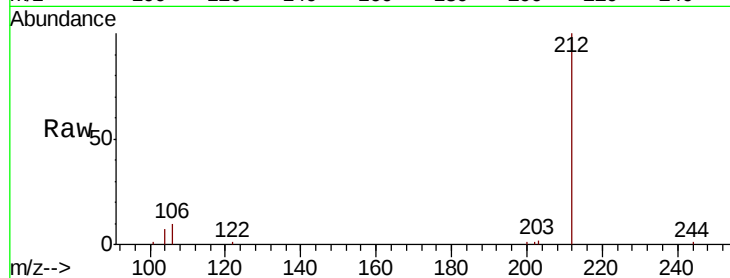
Tot Ion:212 Resp: 7680

Ion Ratio Lower Upper

212 100

106 9.9 8.9 13.3

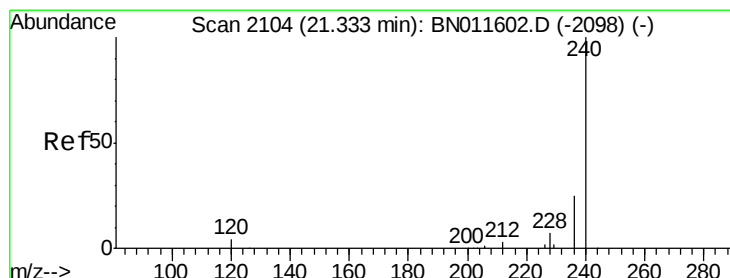
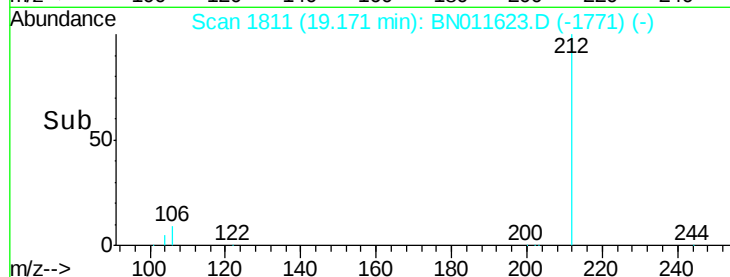
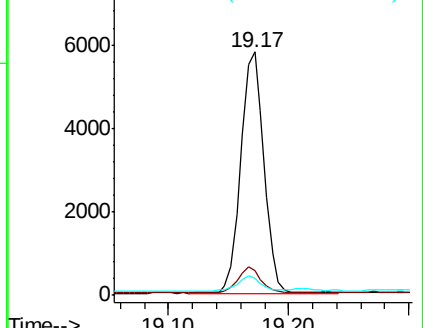
104 5.8 5.3 7.9



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



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.32 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011623.D

Acq: 25 Aug 2020 19:36

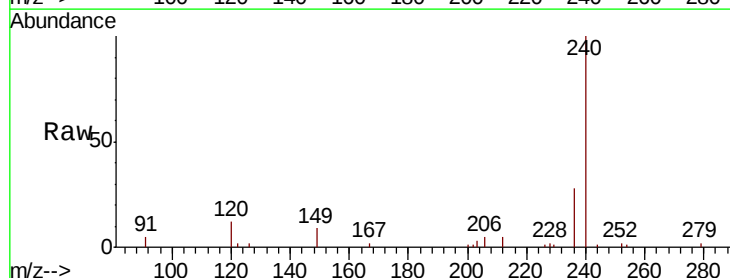
Tgt Ion:240 Resp: 12124

Ion Ratio Lower Upper

240 100

120 11.6 6.0 9.0#

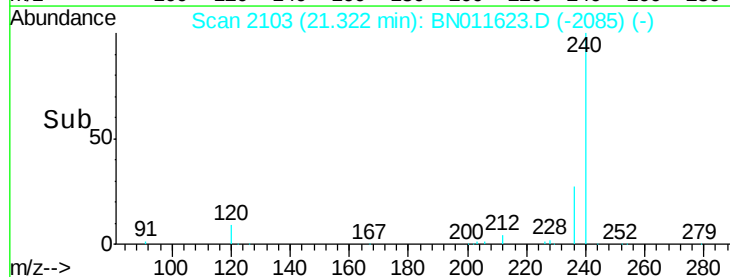
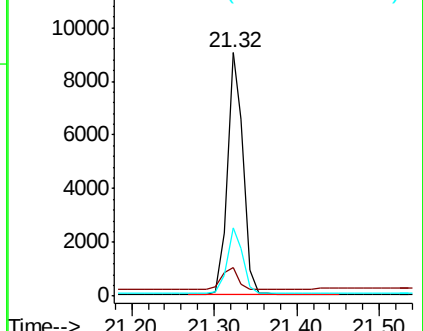
236 27.8 20.8 31.2

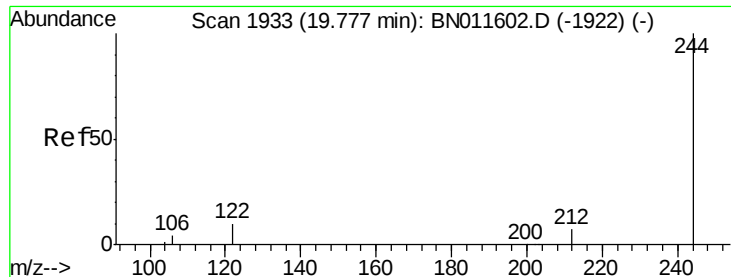


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.218 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BN011623.D

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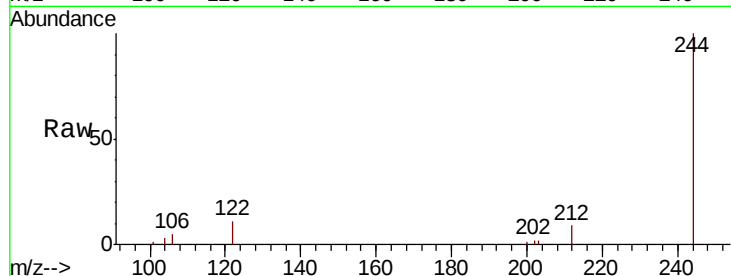
Tot Ion:244 Resp: 6757

Ion Ratio Lower Upper

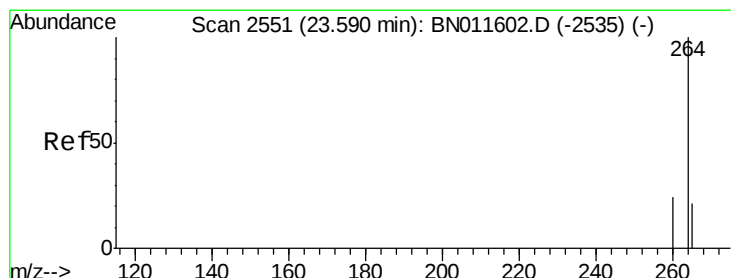
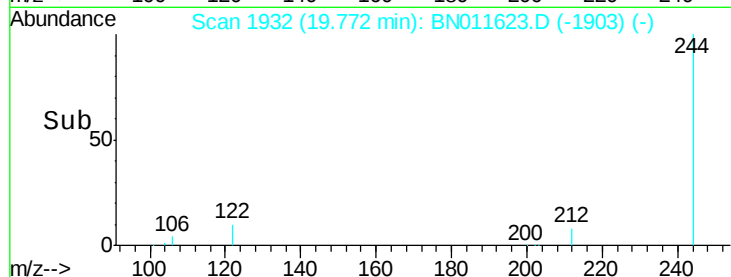
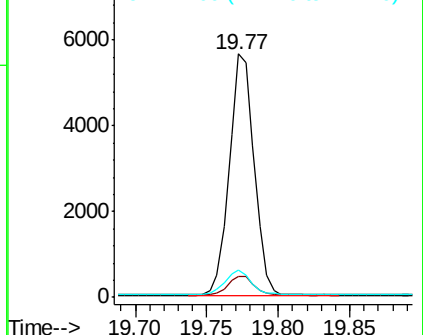
244 100

212 8.8 6.5 9.7

122 11.3 9.5 14.3



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: 23.58 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BN011623.D

Acq: 25 Aug 2020 19:36

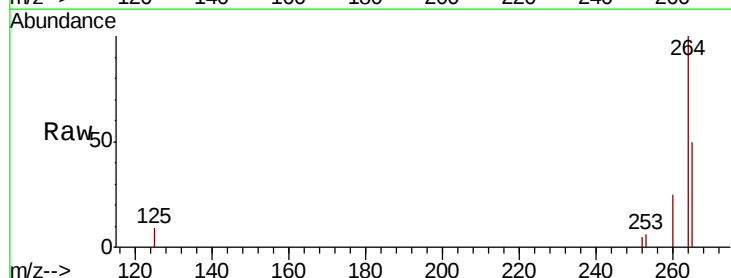
Tgt Ion:264 Resp: 14378

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 50.1 40.7 61.1



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

