

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\
 Data File : BN010711.D
 Acq On : 14 May 2020 13:06
 Operator : CG/JU
 Sample : PB128648BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128648BL

Quant Time: May 14 13:37:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:56:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	6321	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	24165	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	15146	0.40	ng	0.02
19) Phenanthrene-d10	16.96	188	32438	0.40	ng	0.00
27) Chrysene-d12	21.17	240	25719	0.40	ng	0.01
34) Perylene-d12	23.33	264	23421	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	2696	0.22	ng	0.00
5) Phenol-d6	6.77	99	2848	0.19	ng	0.00
8) Nitrobenzene-d5	8.71	82	3559	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	7904	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	844	0.15	ng	0.03
15) 2-Fluorobiphenyl	12.83	172	11031	0.20	ng	0.00
25) Fluoranthene-d10	19.00	212	16339	0.19	ng	0.00
29) Terphenyl-d14	19.61	244	12243	0.20	ng	0.01

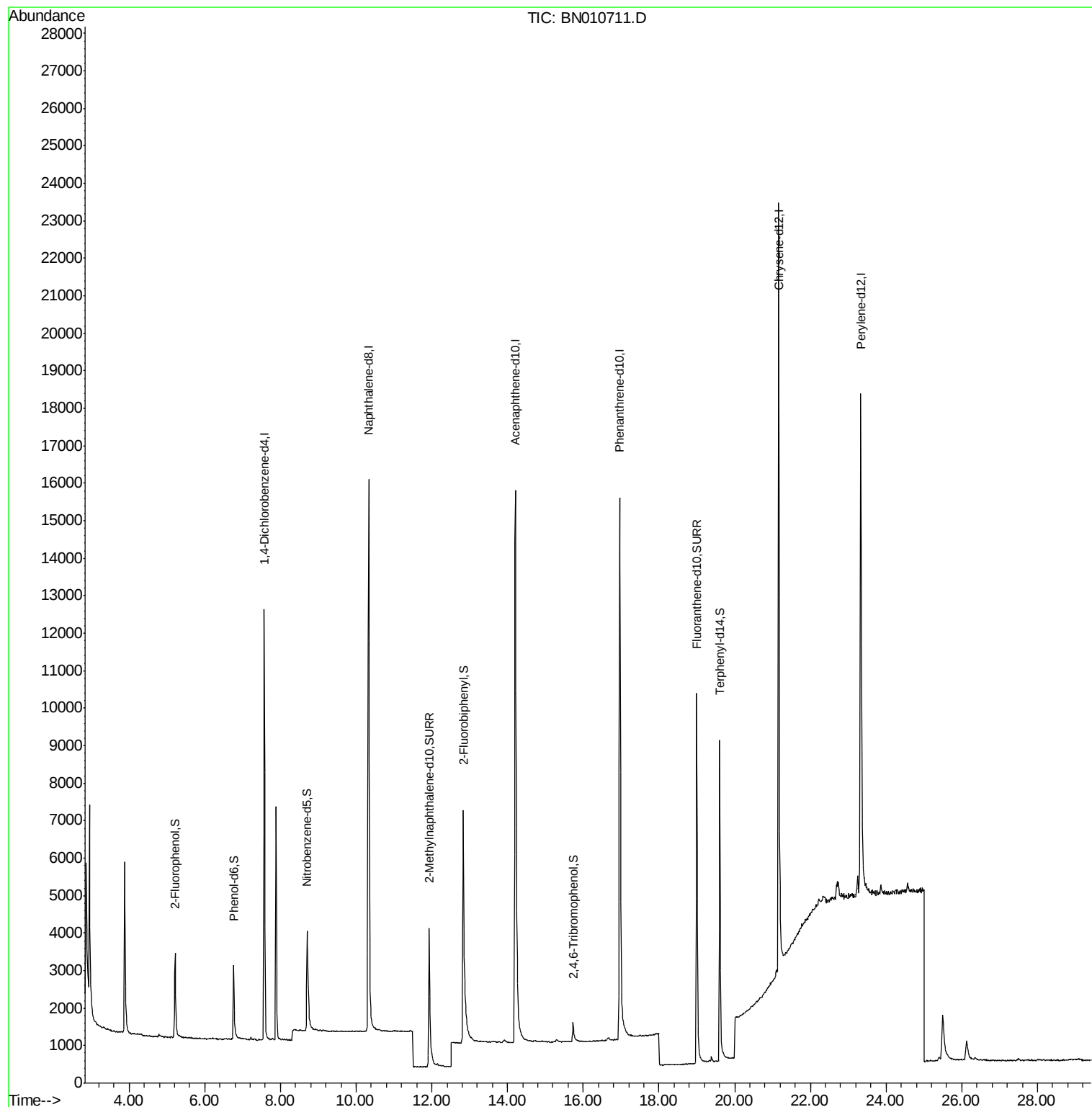
Target Compounds	Qvalue
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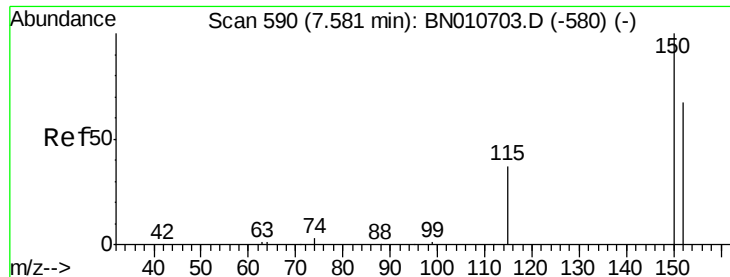
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 589

Delta R.T. -0.00 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

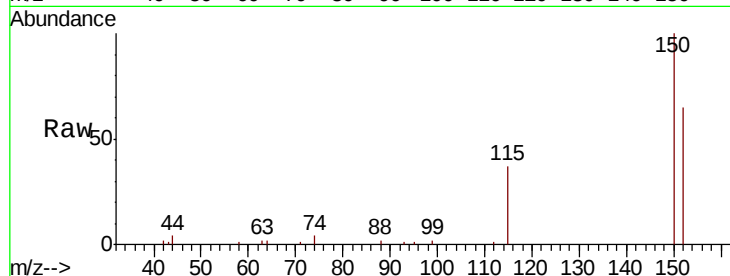
Tot Ion:152 Resp: 6321

Ion Ratio Lower Upper

152 100

150 153.5 119.4 179.0

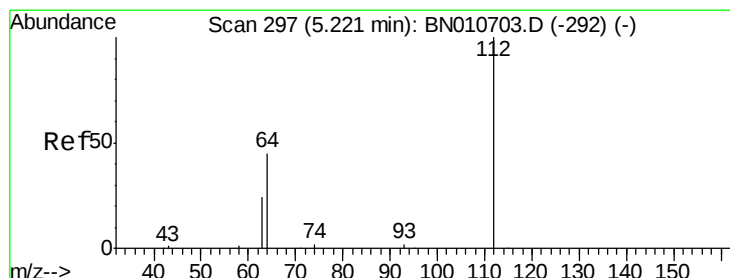
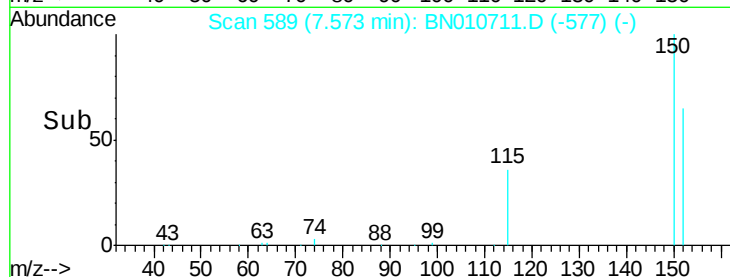
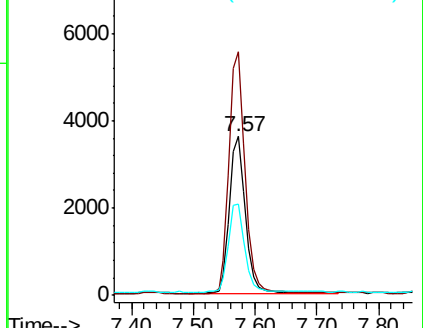
115 57.5 45.9 68.9



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: 0.218 ng

RT: 5.21 min Scan# 296

Delta R.T. -0.00 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

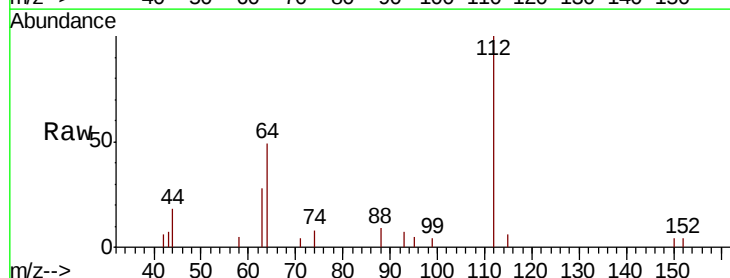
Tgt Ion:112 Resp: 2696

Ion Ratio Lower Upper

112 100

64 45.4 36.2 54.4

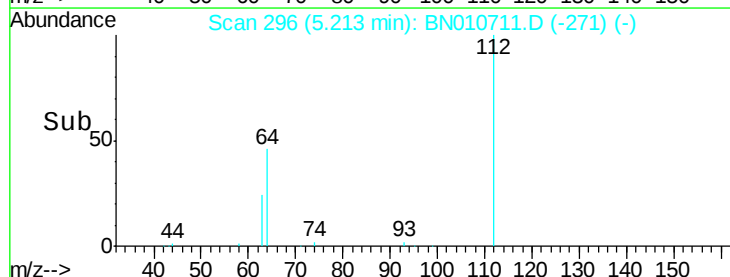
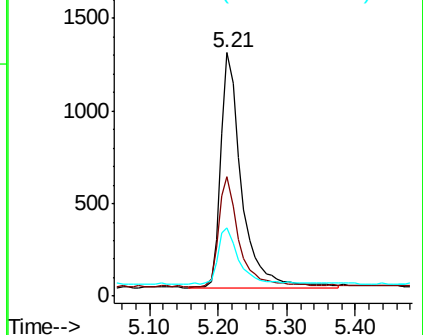
63 25.1 19.8 29.8

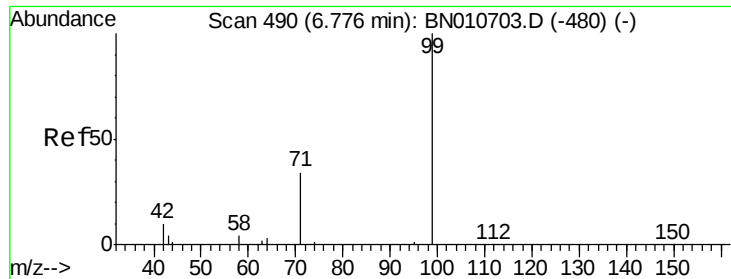


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.188 ng

RT: 6.77 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

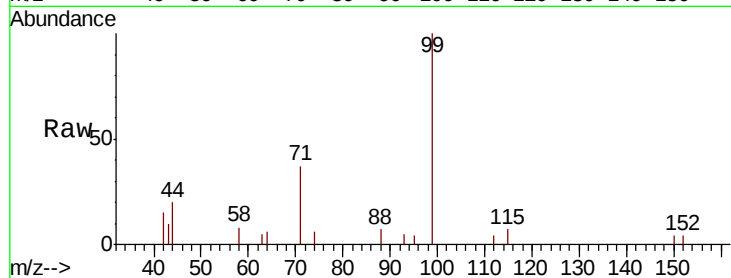
Tot Ion: 99 Resp: 2848

Ion Ratio Lower Upper

99 100

42 11.9 9.8 14.8

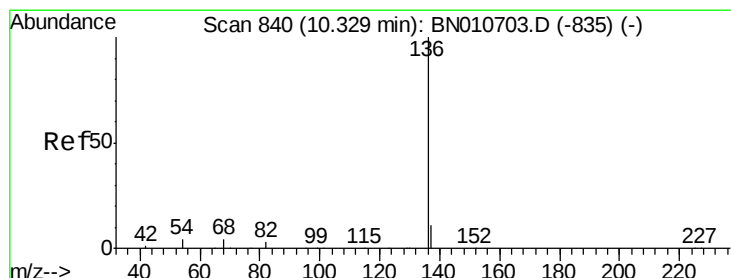
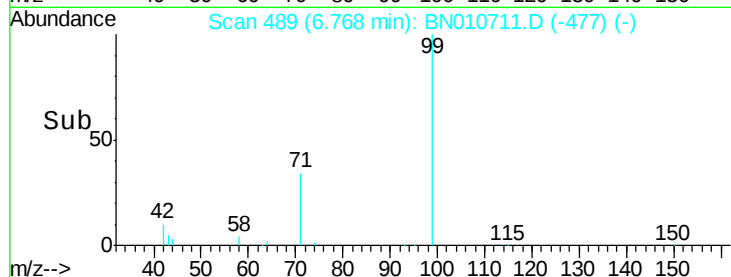
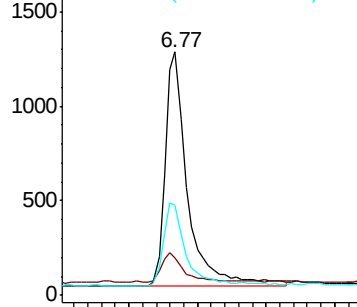
71 36.2 28.6 42.8



Abundance Ion 99.00 (98.70 to 99.70): BN010703.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BN010703.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BN010703.D (-480) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Tgt Ion: 136 Resp: 24165

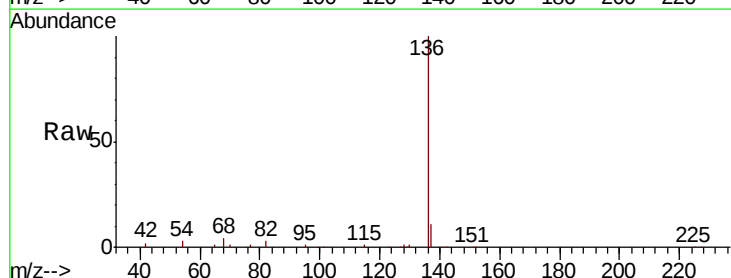
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 3.5 3.6 5.4#

68 4.4 4.1 6.1

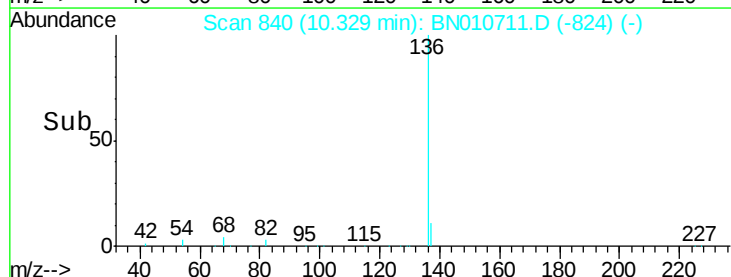
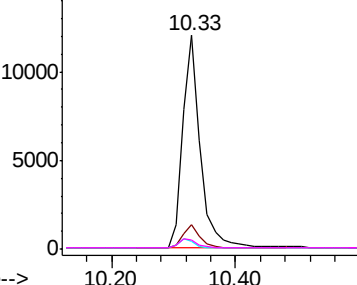


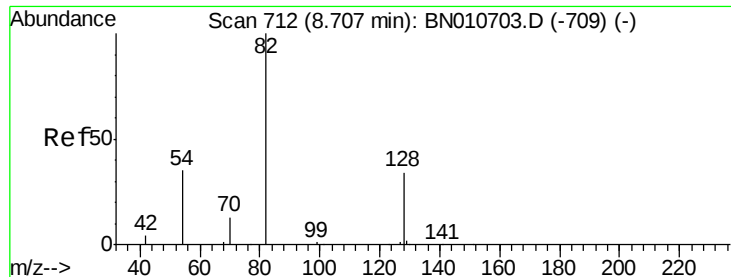
Abundance Ion 136.00 (135.70 to 136.70): BN010703.D (-835) (-)

Ion 137.00 (136.70 to 137.70): BN010703.D (-835) (-)

Ion 54.00 (53.70 to 54.70): BN010703.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN010703.D (-835) (-)





#8

Nitrobenzene-d5

Concen: 0.212 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.00 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

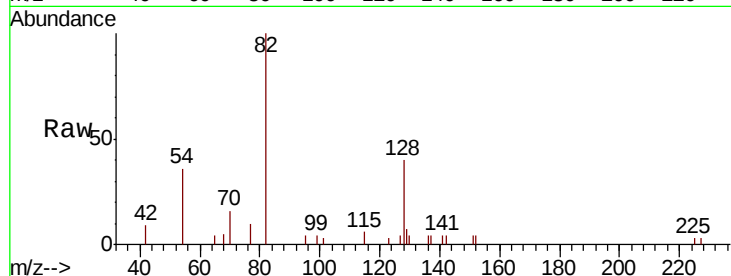
Tot Ion: 82 Resp: 3559

Ion Ratio Lower Upper

82 100

128 40.5 29.0 43.4

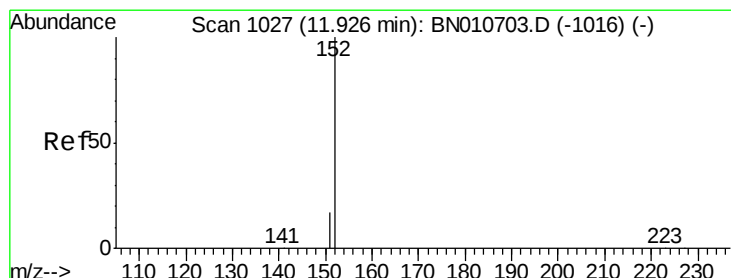
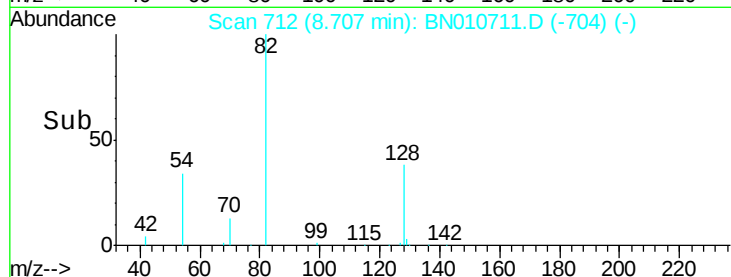
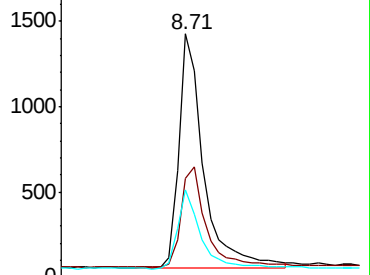
54 35.9 29.3 43.9



Abundance Ion 82.00 (81.70 to 82.70): BN010703.D (-709) (-)

Ion 128.00 (127.70 to 128.70): BN010703.D (-709) (-)

Ion 54.00 (53.70 to 54.70): BN010703.D (-709) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.201 ng

RT: 11.93 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BN010711.D

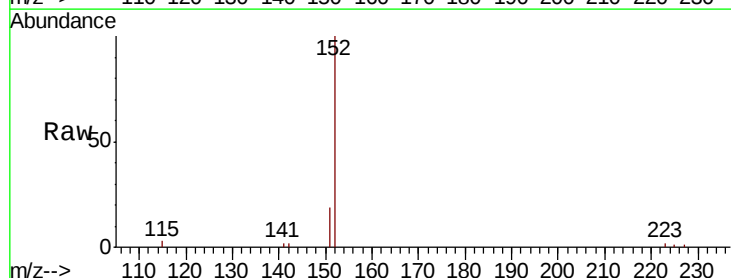
Acq: 14 May 2020 13:06

Tgt Ion: 152 Resp: 7904

Ion Ratio Lower Upper

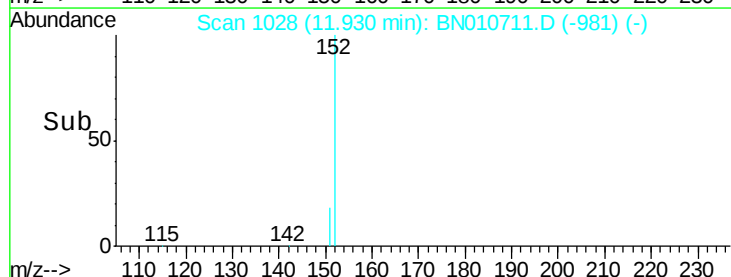
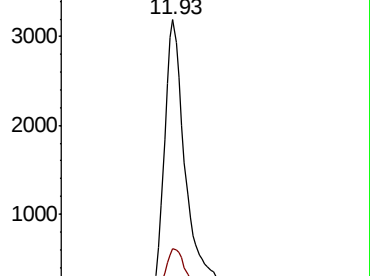
152 100

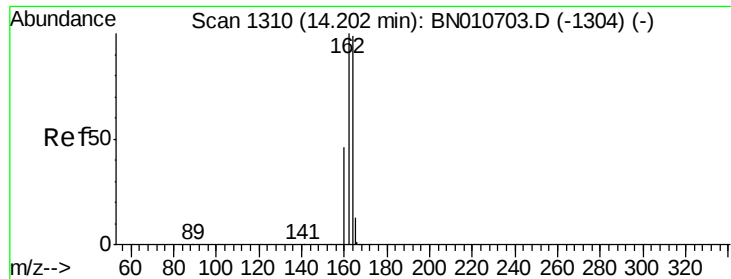
151 18.7 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BN010703.D (-1016) (-)

Ion 151.00 (150.70 to 151.70): BN010703.D (-1016) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1310

Delta R.T. 0.02 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

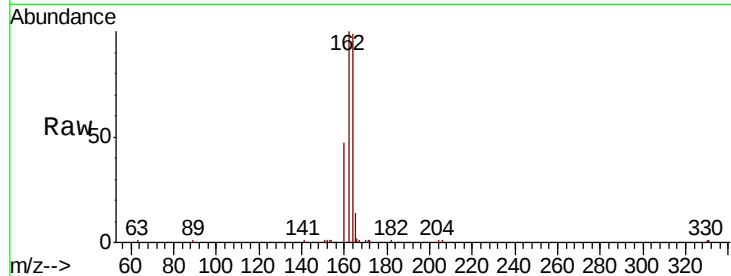
Tot Ion:164 Resp: 15146

Ion Ratio Lower Upper

164 100

162 100.8 81.1 121.7

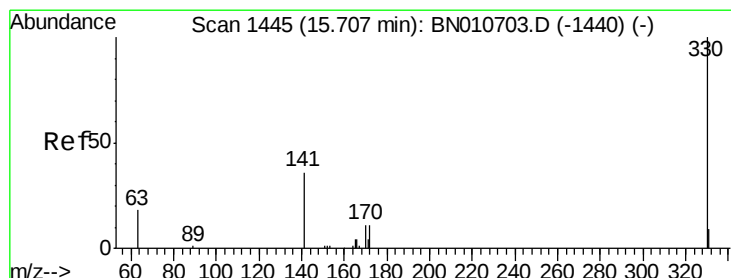
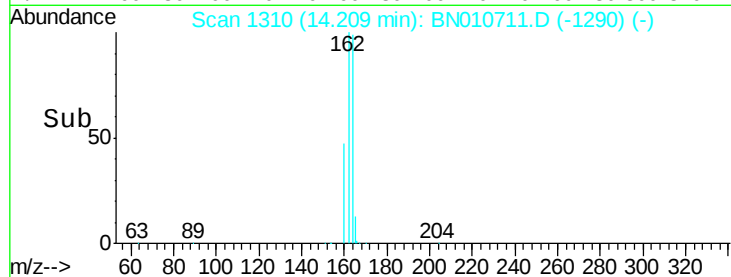
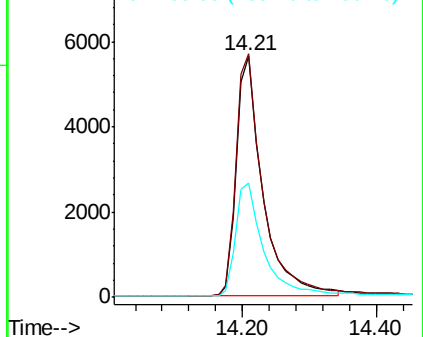
160 47.6 37.9 56.9



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: 0.154 ng

RT: 15.74 min Scan# 1447

Delta R.T. 0.03 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

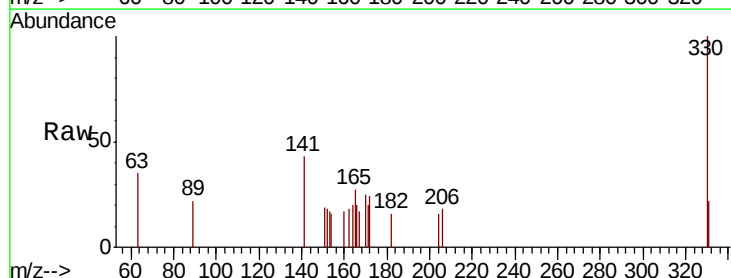
Tgt Ion:330 Resp: 844

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

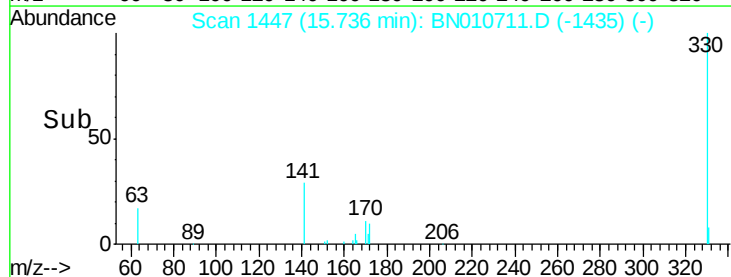
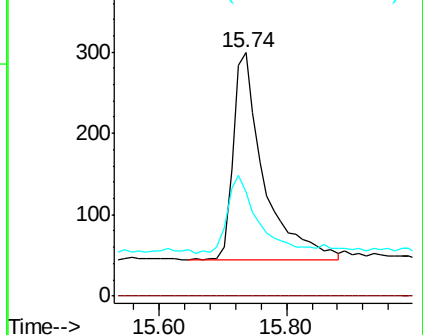
141 38.9 28.8 43.2

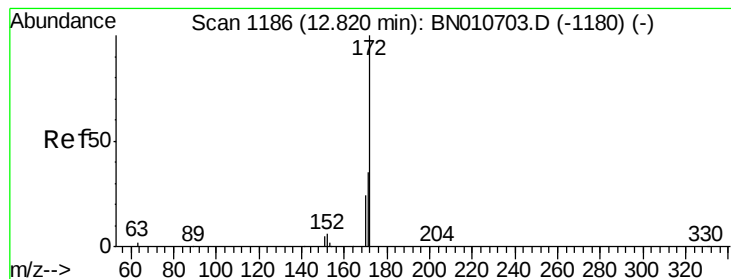


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.199 ng

RT: 12.83 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

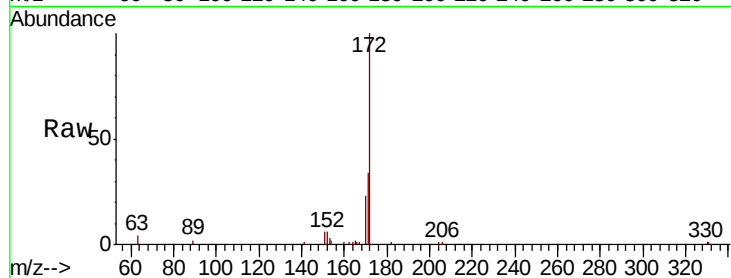
Tot Ion:172 Resp: 11031

Ion Ratio Lower Upper

172 100

171 34.3 28.6 42.8

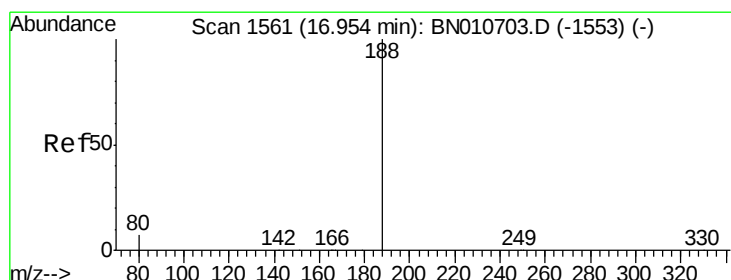
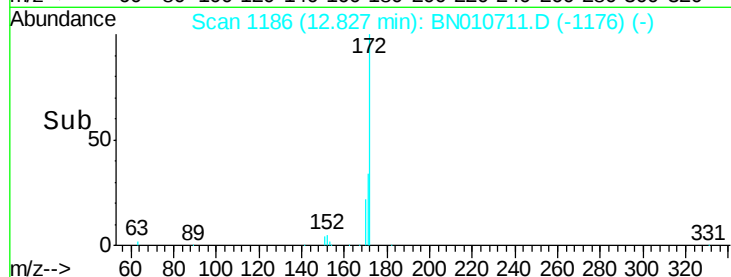
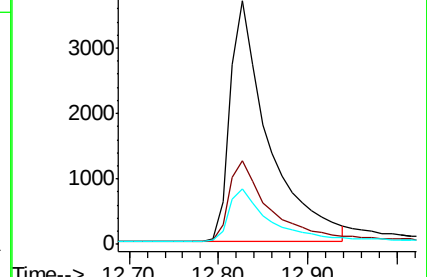
170 23.0 19.8 29.8



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: 16.96 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

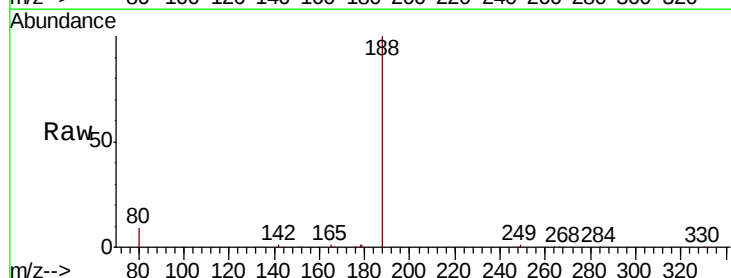
Tgt Ion:188 Resp: 32438

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

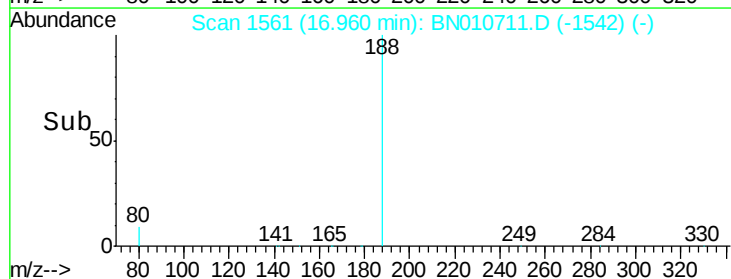
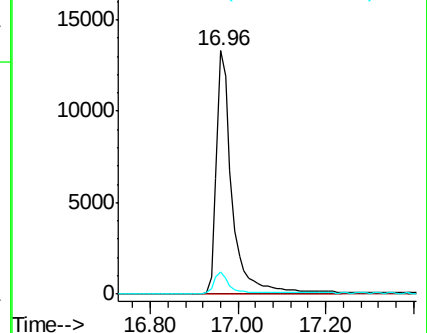
80 9.0 6.3 9.5

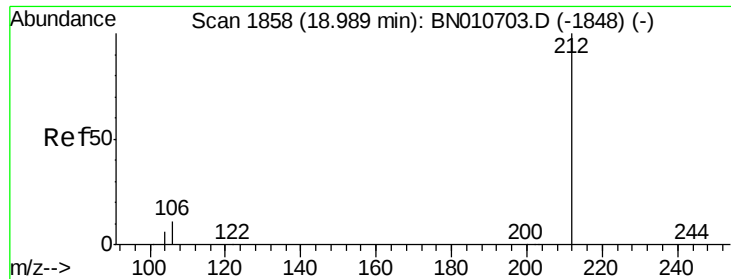


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.186 ng

RT: 19.00 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampled :

PB128648BL

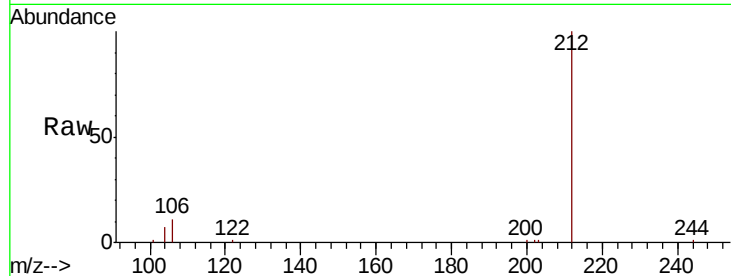
Tot Ion:212 Resp: 16339

Ion Ratio Lower Upper

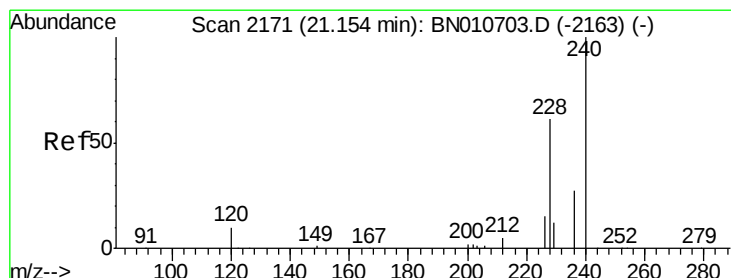
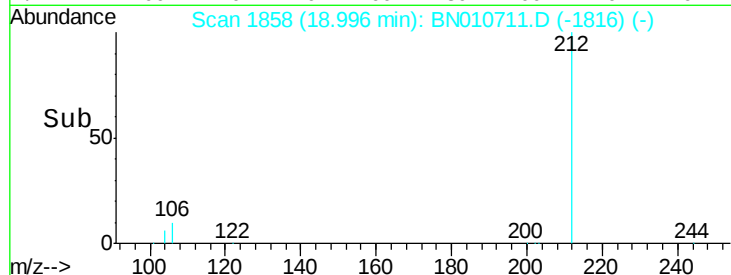
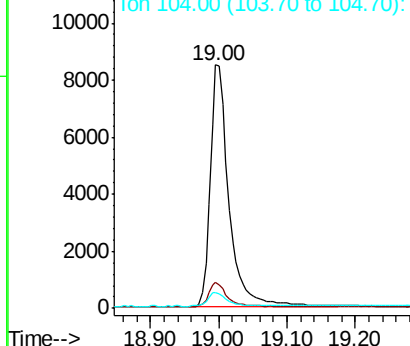
212 100

106 9.7 8.2 12.2

104 6.0 4.7 7.1



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: 21.17 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

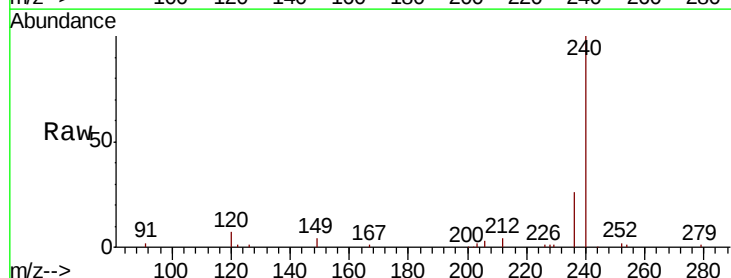
Tgt Ion:240 Resp: 25719

Ion Ratio Lower Upper

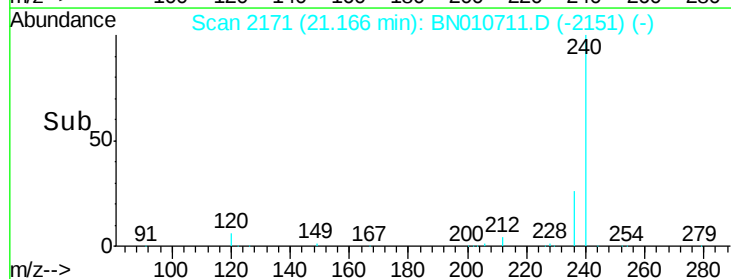
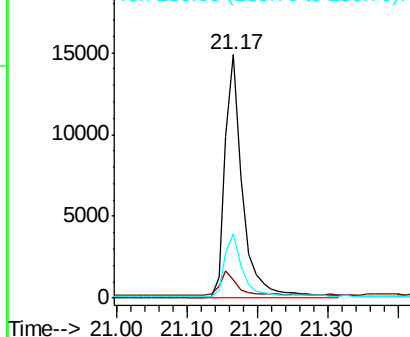
240 100

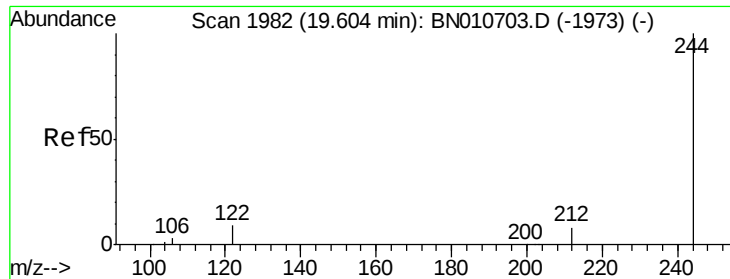
120 7.5 9.5 14.3#

236 26.2 22.5 33.7



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: 0.201 ng

RT: 19.61 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

Instrument :

BNA_N

ClientSampleId :

PB128648BL

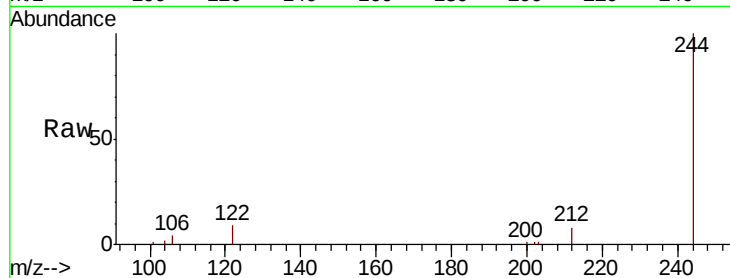
Tot Ion:244 Resp: 12243

Ion Ratio Lower Upper

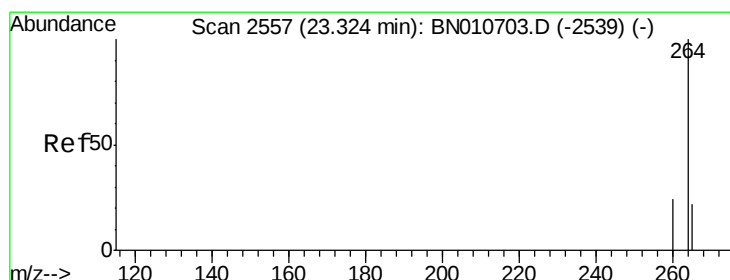
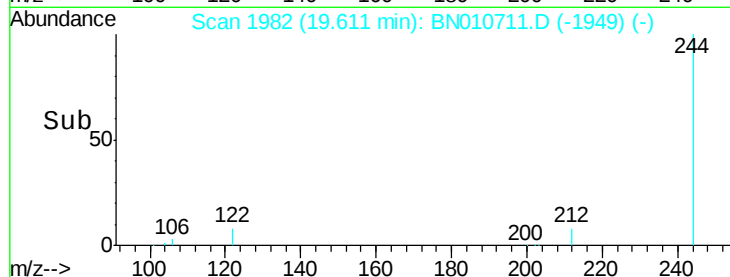
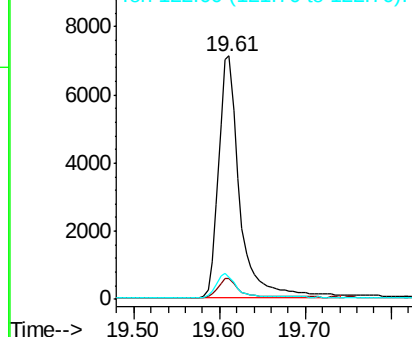
244 100

212 8.4 6.8 10.2

122 9.2 8.1 12.1



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: 23.33 min Scan# 2557

Delta R.T. 0.01 min

Lab File: BN010711.D

Acq: 14 May 2020 13:06

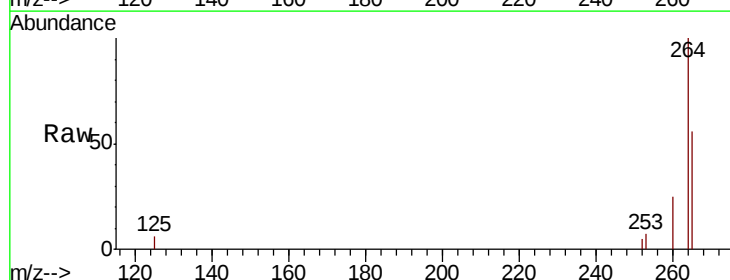
Tgt Ion:264 Resp: 23421

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 56.4 70.1 105.1#



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

