

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\
 Data File : BN010720.D
 Acq On : 14 May 2020 19:56
 Operator : CG/JU
 Sample : PB128768BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128768BL

Quant Time: May 15 02:02:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 14:18:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4399	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	16533	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10020	0.40	ng	0.01
19) Phenanthrene-d10	16.96	188	20449	0.40	ng	0.01
27) Chrysene-d12	21.15	240	16833	0.40	ng	0.00
34) Perylene-d12	23.32	264	15929	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2297	0.27	ng	0.00
5) Phenol-d6	6.78	99	2481	0.24	ng	0.00
8) Nitrobenzene-d5	8.72	82	2770	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	11.94	152	6119	0.23	ng	0.02
14) 2,4,6-Tribromophenol	15.73	330	720	0.20	ng	0.02
15) 2-Fluorobiphenyl	12.84	172	8298	0.23	ng	0.02
25) Fluoranthene-d10	18.99	212	12905	0.23	ng	0.00
29) Terphenyl-d14	19.60	244	9980	0.25	ng	0.00

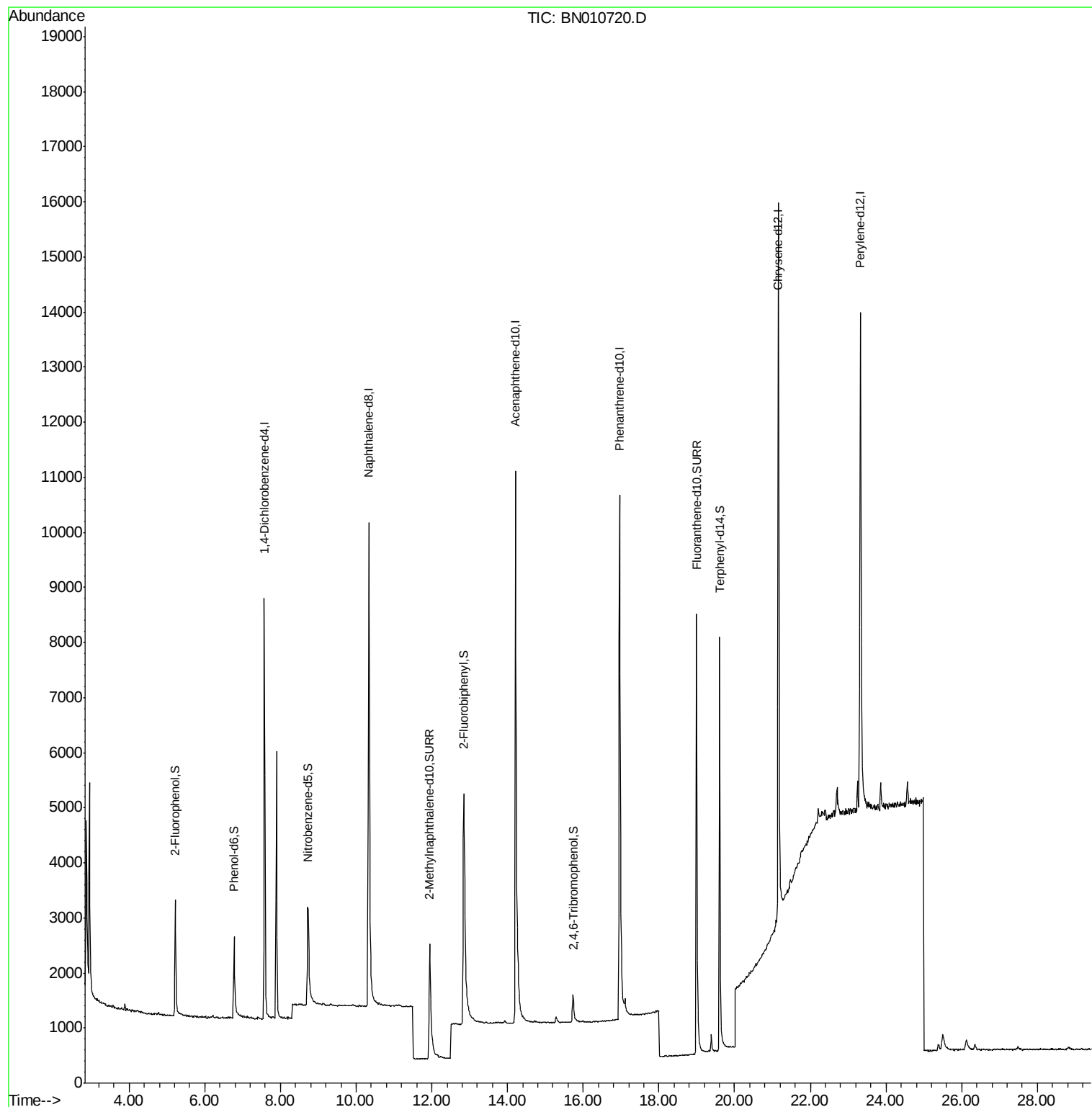
Target Compounds	Qvalue
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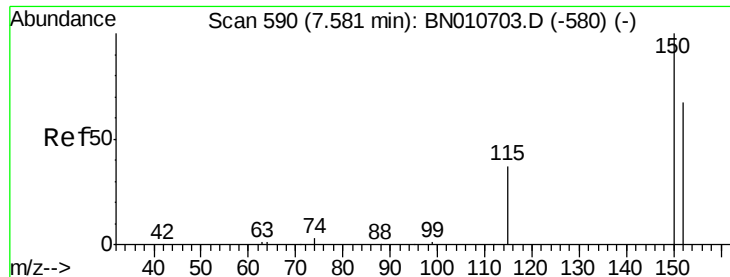
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.58 min Scan# 590

Delta R.T. -0.00 min

Lab File: BN010720.D

Acq: 14 May 2020 19:56

Instrument :

BNA_N

ClientSampleId :

PB128768BL

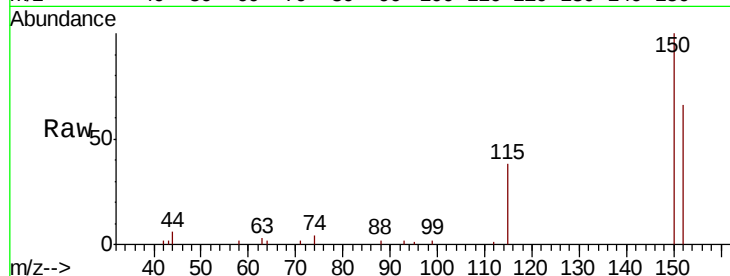
Tot Ion:152 Resp: 4399

Ion Ratio Lower Upper

152 100

150 150.9 119.4 179.0

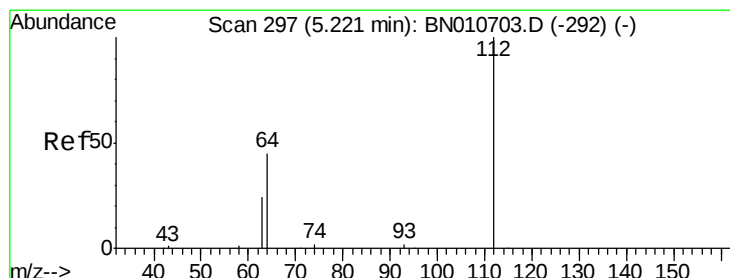
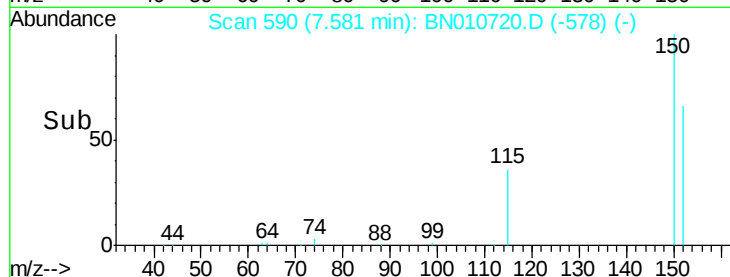
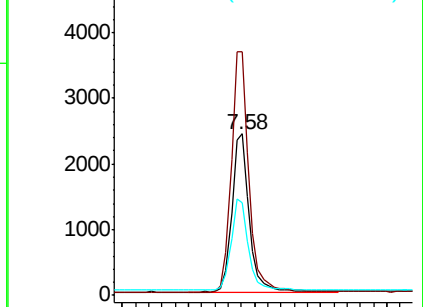
115 57.0 45.9 68.9



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: 0.267 ng

RT: 5.22 min Scan# 297

Delta R.T. -0.00 min

Lab File: BN010720.D

Acq: 14 May 2020 19:56

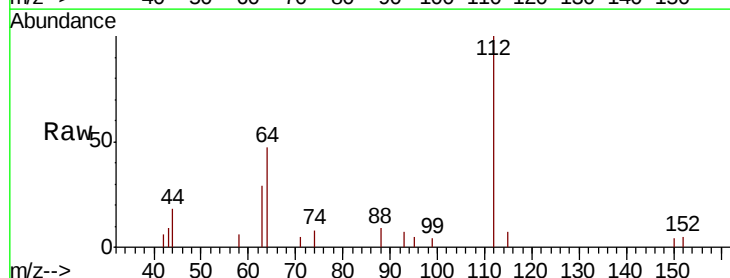
Tgt Ion:112 Resp: 2297

Ion Ratio Lower Upper

112 100

64 45.1 36.2 54.4

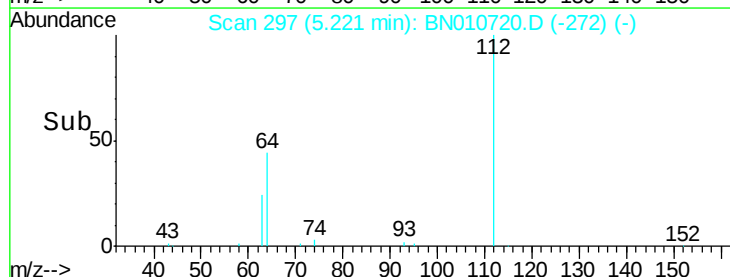
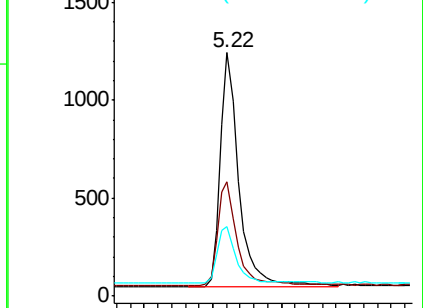
63 24.5 19.8 29.8

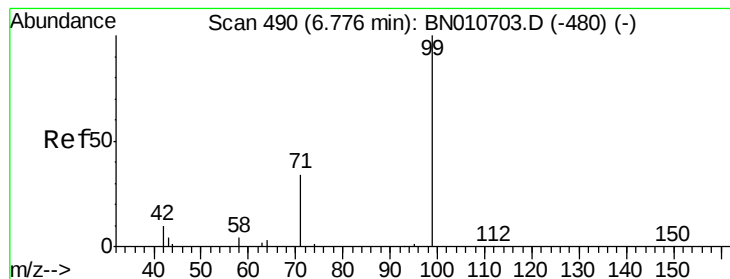


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.236 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.00 min

Lab File: BN010720.D

Acq: 14 May 2020 19:56

Instrument :

BNA_N

ClientSampleId :

PB128768BL

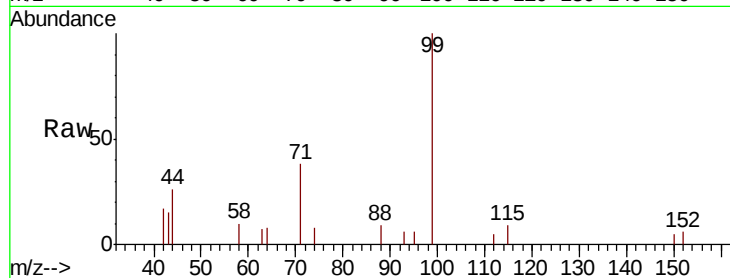
Tot Ion: 99 Resp: 2481

Ion Ratio Lower Upper

99 100

42 11.4 9.8 14.8

71 34.0 28.6 42.8

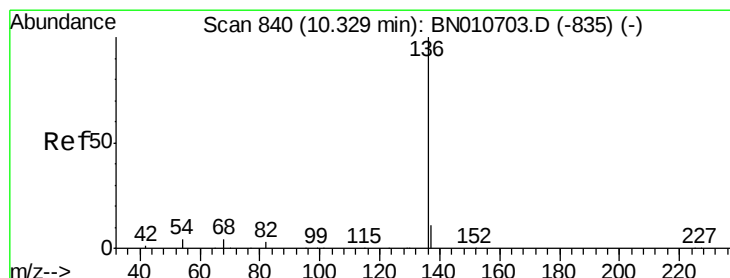
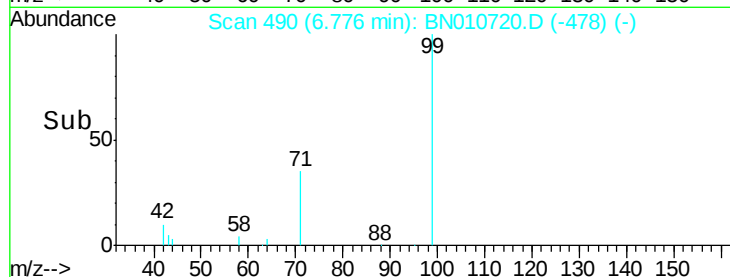


Abundance Ion 99.00 (98.70 to 99.70): BN010720.D (-478) (-)

Ion 42.00 (41.70 to 42.70): BN010720.D (-478) (-)

Ion 71.00 (70.70 to 71.70): BN010720.D (-478) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010720.D

Acq: 14 May 2020 19:56

Tgt Ion: 136 Resp: 16533

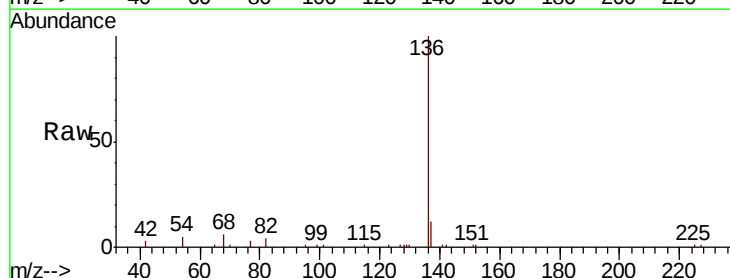
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 5.2 3.6 5.4

68 6.0 4.1 6.1



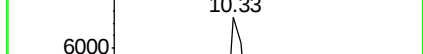
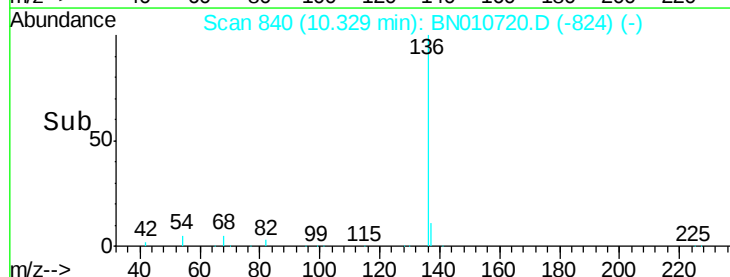
Abundance Ion 136.00 (135.70 to 136.70): BN010720.D (-824) (-)

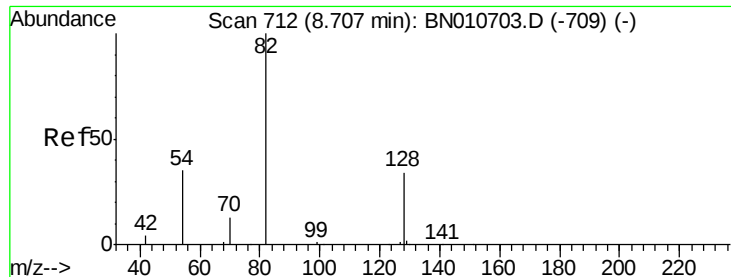
Ion 137.00 (136.70 to 137.70): BN010720.D (-824) (-)

Ion 54.00 (53.70 to 54.70): BN010720.D (-824) (-)

Ion 68.00 (67.70 to 68.70): BN010720.D (-824) (-)

Time-->

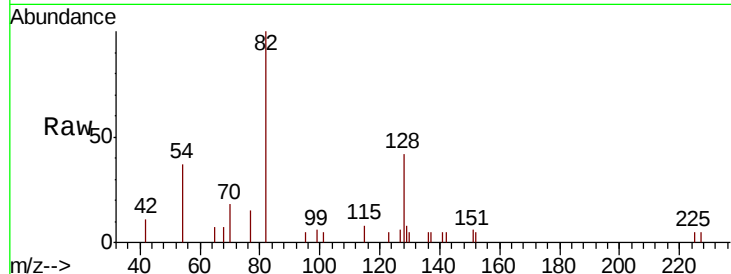




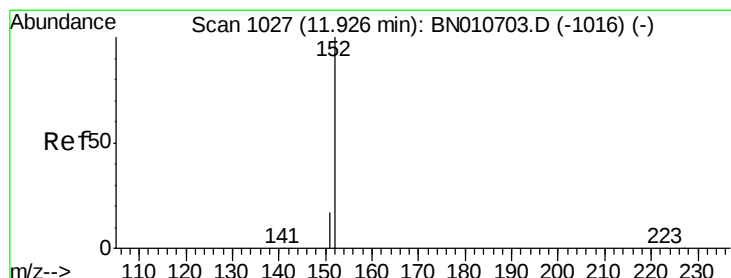
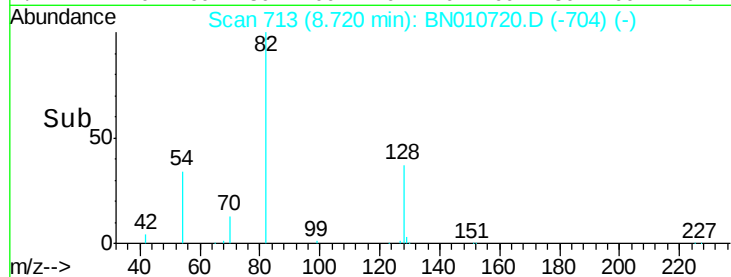
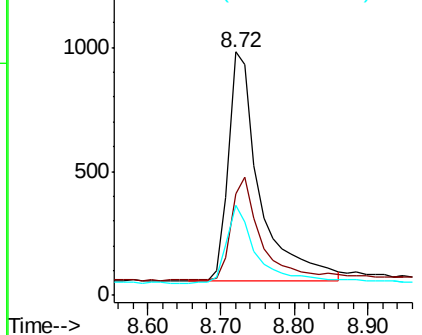
#8
 Nitrobenzene-d5
 Concen: 0.241 ng
 RT: 8.72 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: BN010720.D
 Acq: 14 May 2020 19:56

Instrument :
 BNA_N
 ClientSampleId :
 PB128768BL

Tot Ion	82	Resp	2770
Ion Ratio	Lower	Upper	
82	100		
128	41.6	29.0	43.4
54	37.2	29.3	43.9

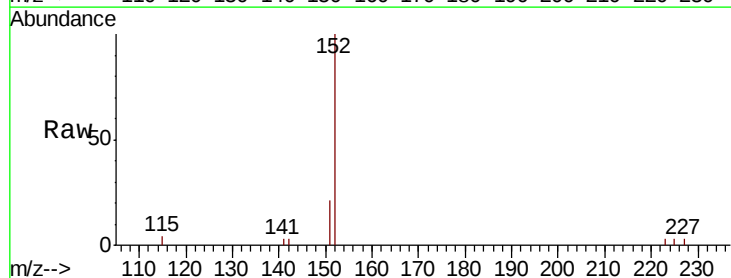


Abundance Ion 82.00 (81.70 to 82.70): BN010720.D (-704) (-)

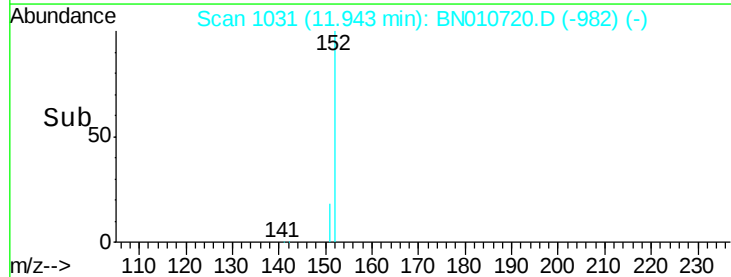
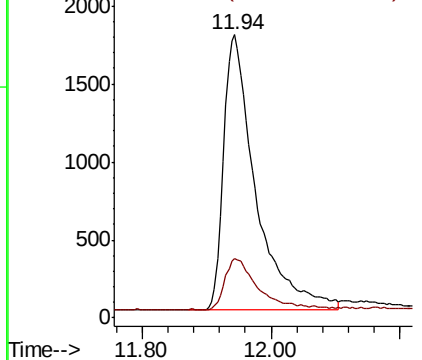


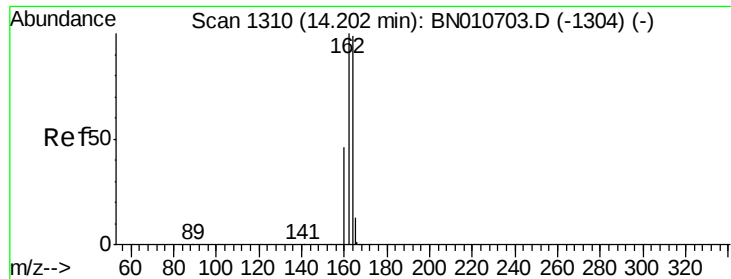
#11
 2-Methylnaphthalene-d10
 Concen: 0.227 ng
 RT: 11.94 min Scan# 1031
 Delta R.T. 0.02 min
 Lab File: BN010720.D
 Acq: 14 May 2020 19:56

Tgt Ion	152	Resp	6119
Ion Ratio	Lower	Upper	
152	100		
151	18.7	15.0	22.6



Abundance Ion 152.00 (151.70 to 152.70): BN010720.D (-982) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BN010720.D

Acq: 14 May 2020 19:56

Instrument :

BNA_N

ClientSampleId :

PB128768BL

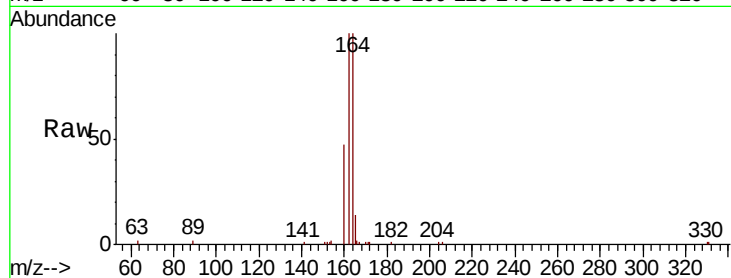
Tot Ion:164 Resp: 10020

Ion Ratio Lower Upper

164 100

162 100.0 81.1 121.7

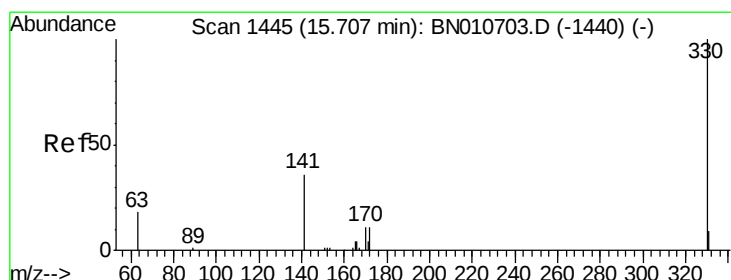
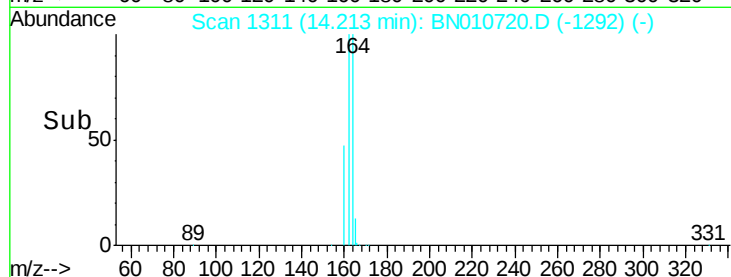
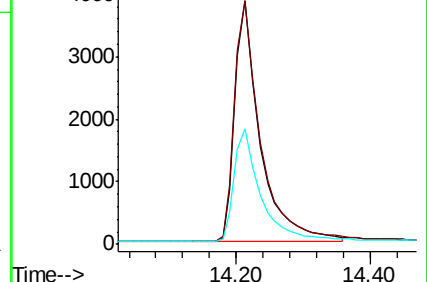
160 47.2 37.9 56.9



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: 0.198 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.02 min

Lab File: BN010720.D

Acq: 14 May 2020 19:56

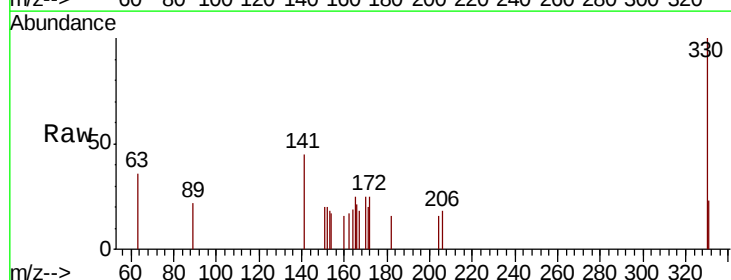
Tgt Ion:330 Resp: 720

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

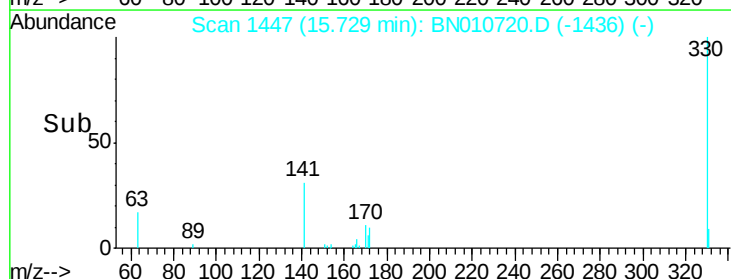
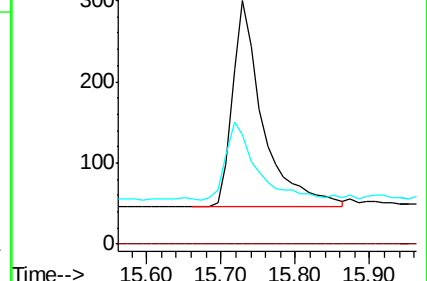
141 38.9 28.8 43.2

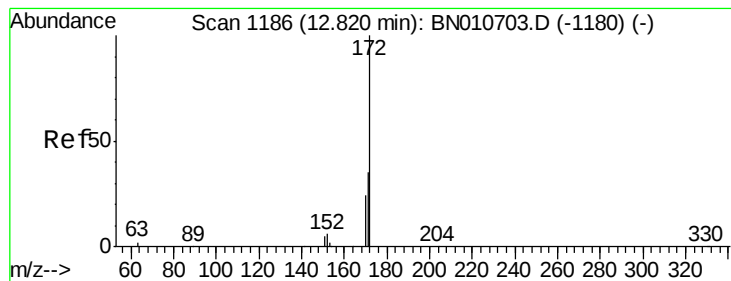


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.226 ng

RT: 12.84 min Scan# 1188

Delta R.T. 0.02 min

Lab File: BN010720.D

Acq: 14 May 2020 19:56

Instrument :

BNA_N

ClientSampleId :

PB128768BL

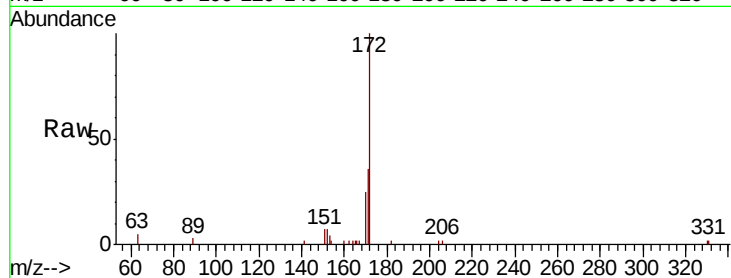
Tot Ion:172 Resp: 8298

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

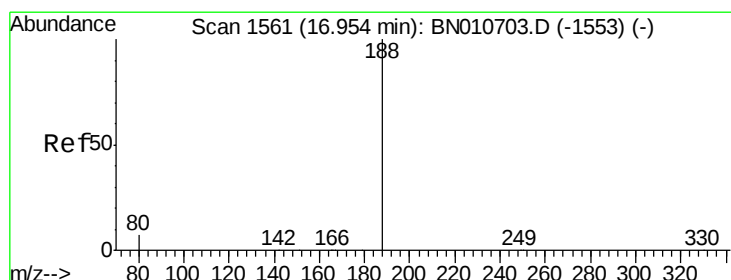
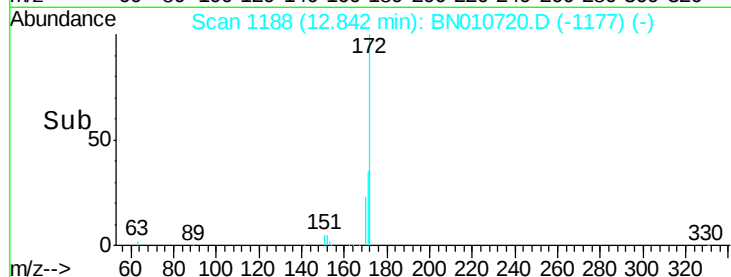
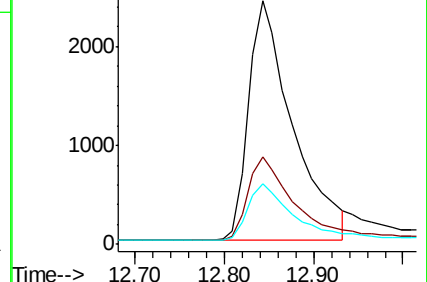
170 24.9 19.8 29.8



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# 1562

Delta R.T. 0.01 min

Lab File: BN010720.D

Acq: 14 May 2020 19:56

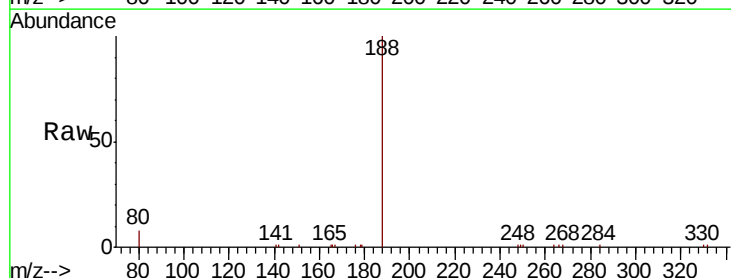
Tgt Ion:188 Resp: 20449

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

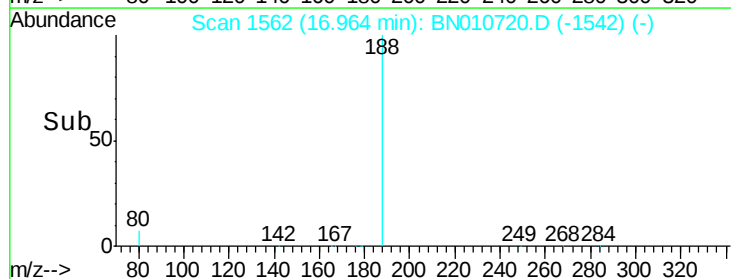
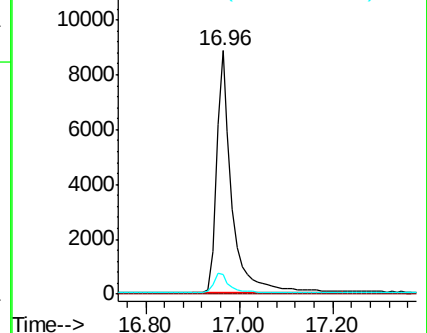
80 8.0 6.3 9.5

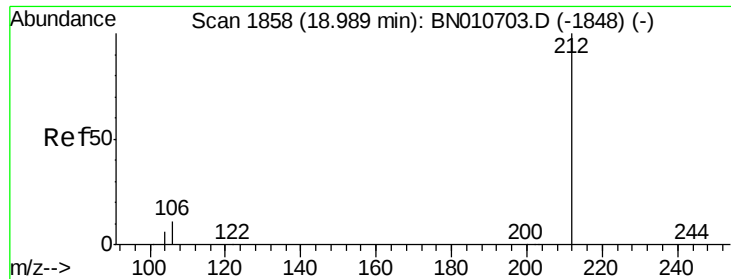


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.233 ng

RT: 18.99 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN010720.D

Acq: 14 May 2020 19:56

Instrument :

BNA_N

ClientSampleId :

PB128768BL

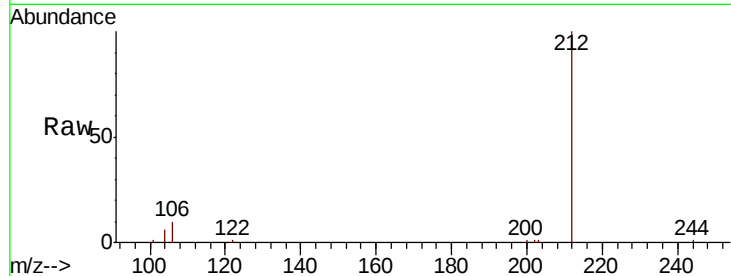
Tot Ion:212 Resp: 12905

Ion Ratio Lower Upper

212 100

106 9.8 8.2 12.2

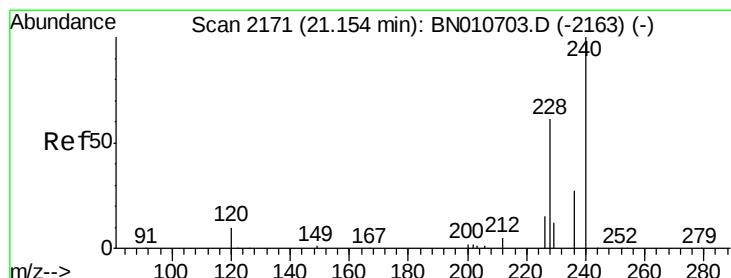
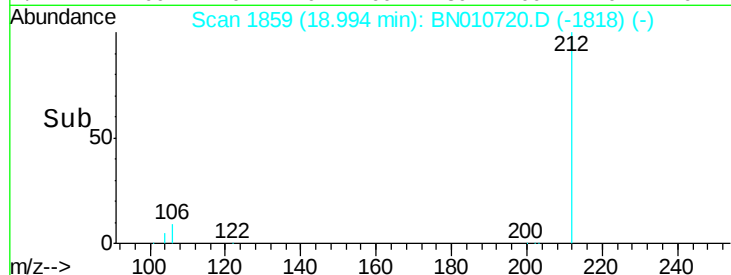
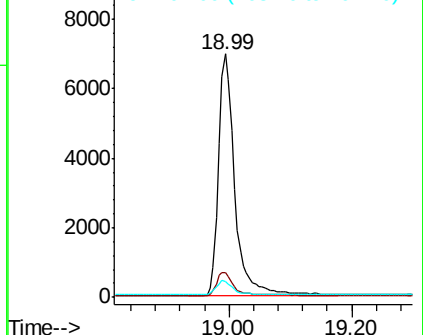
104 5.8 4.7 7.1



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: 21.15 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010720.D

Acq: 14 May 2020 19:56

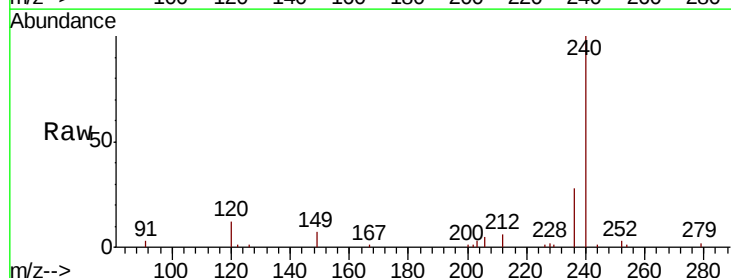
Tgt Ion:240 Resp: 16833

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

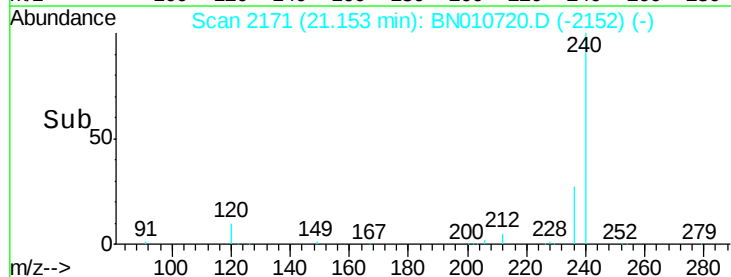
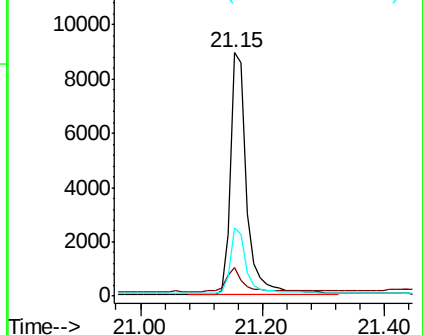
236 28.2 22.5 33.7

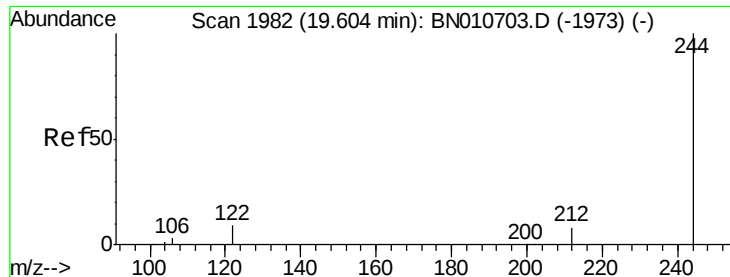


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.250 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN010720.D

Acq: 14 May 2020 19:56

Instrument :

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PB128768BL

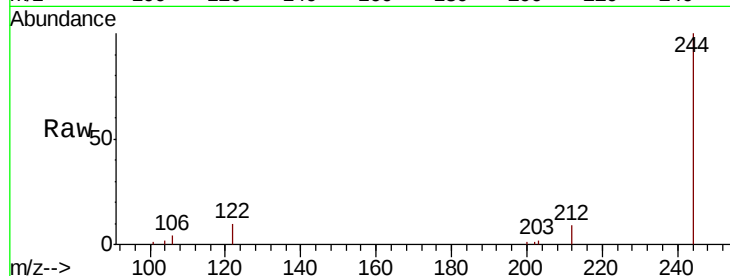
Tot Ion:244 Resp: 9980

Ion Ratio Lower Upper

244 100

212 8.6 6.8 10.2

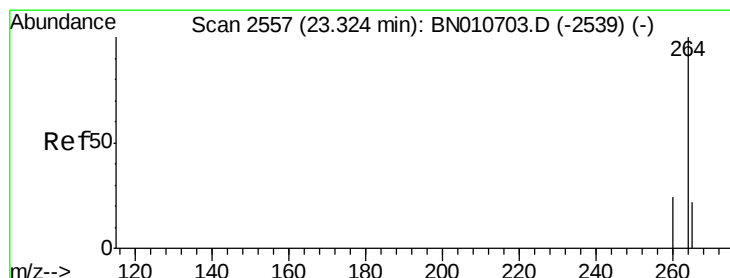
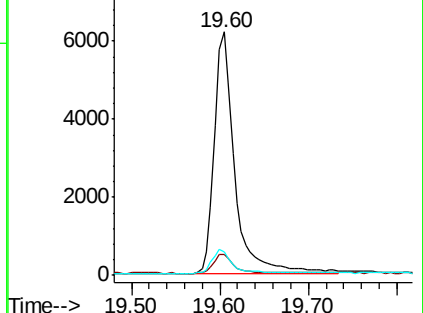
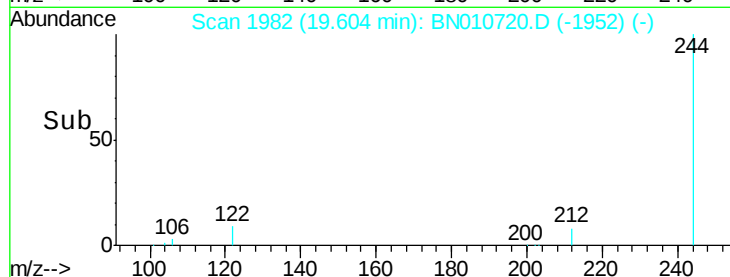
122 9.7 8.1 12.1



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: 23.32 min Scan# 2557

Delta R.T. -0.00 min

Lab File: BN010720.D

Acq: 14 May 2020 19:56

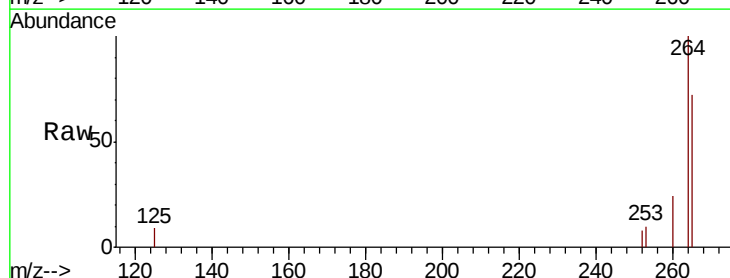
Tgt Ion:264 Resp: 15929

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 72.0 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

