

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
 Data File : BN009441.D
 Acq On : 24 Jan 2020 14:15
 Operator : CG/JU
 Sample : PB126283BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB126283BL

Quant Time: Jan 24 15:54:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1705	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	5905	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	4289	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	9292	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6554	0.40	ng	0.00
34) Perylene-d12	23.18	264	6683	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.12	112	1520	0.39	ng	0.00
5) Phenol-d6	6.69	99	1674	0.37	ng	0.00
8) Nitrobenzene-d5	8.64	82	1384	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	11.84	152	3255	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	401	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	4613	0.29	ng	0.00
25) Fluoranthene-d10	18.89	212	7153	0.22	ng	0.00
29) Terphenyl-d14	19.51	244	5169	0.33	ng	0.00

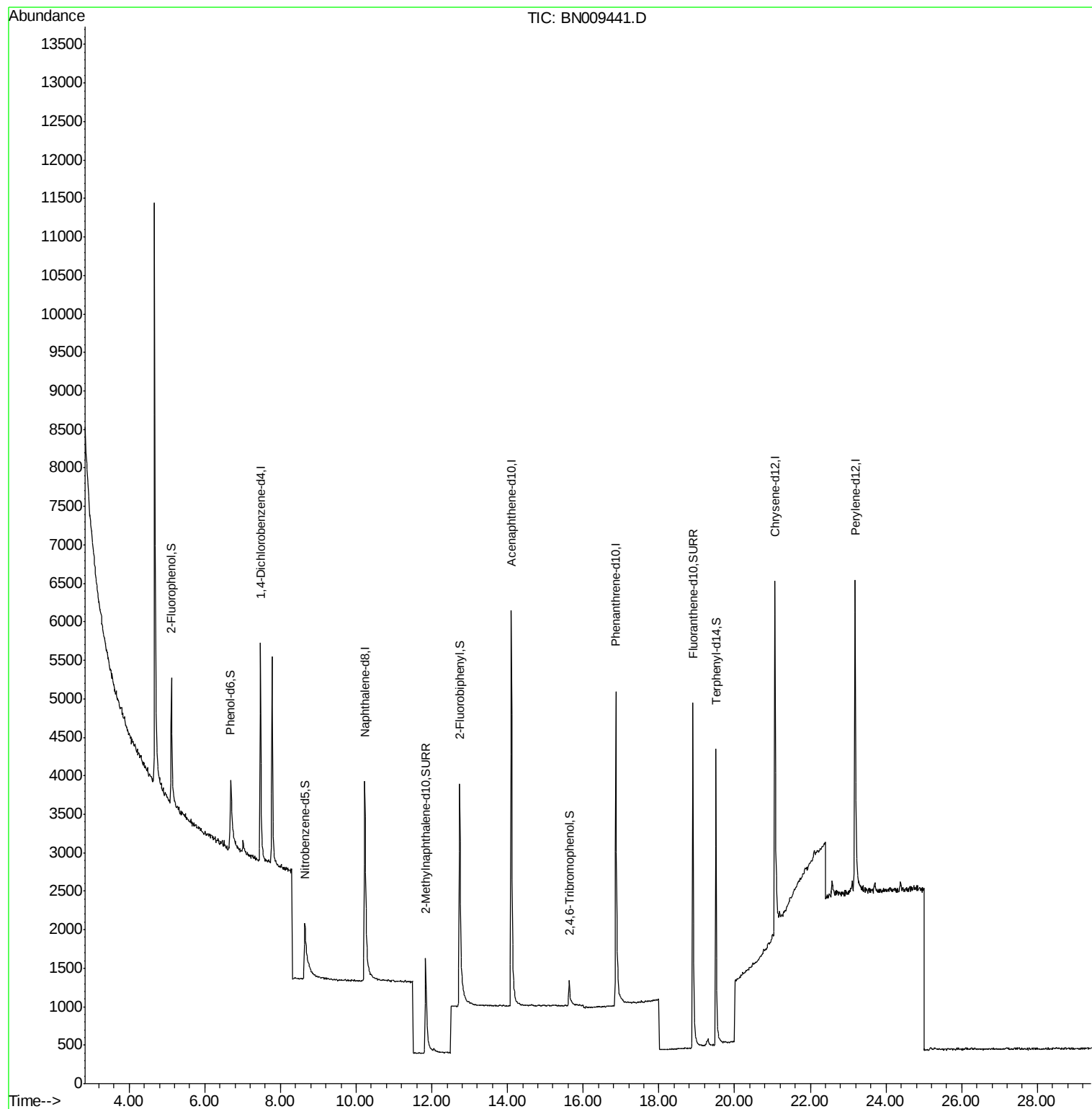
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BN009441.D

Acq: 24 Jan 2020 14:15

Instrument :

BNA_N

ClientSampleId :

PB126283BL

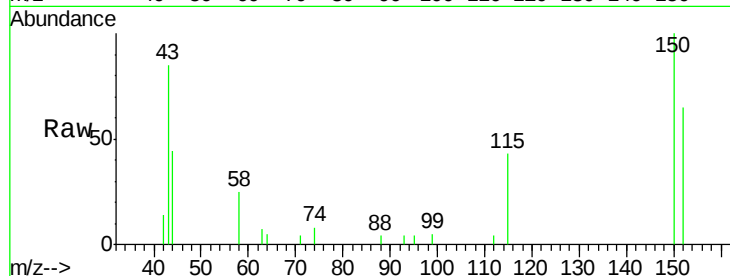
Tot Ion:152 Resp: 1705

Ion Ratio Lower Upper

152 100

150 153.9 125.7 188.5

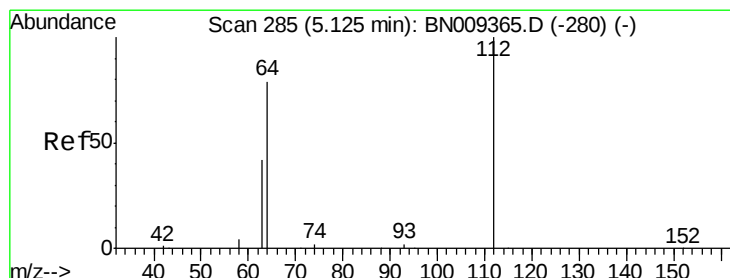
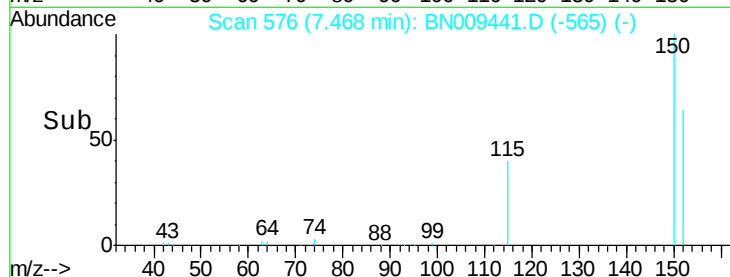
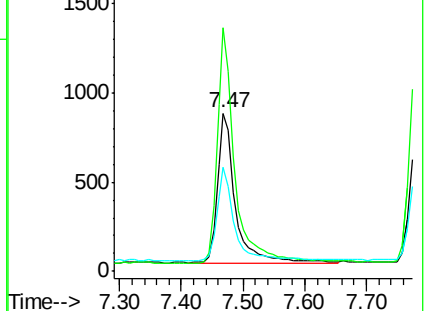
115 65.7 53.3 79.9



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: 0.387 ng

RT: 5.12 min Scan# 285

Delta R.T. -0.00 min

Lab File: BN009441.D

Acq: 24 Jan 2020 14:15

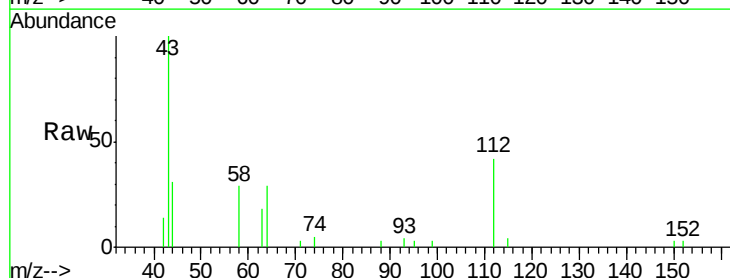
Tgt Ion:112 Resp: 1520

Ion Ratio Lower Upper

112 100

64 77.9 61.5 92.3

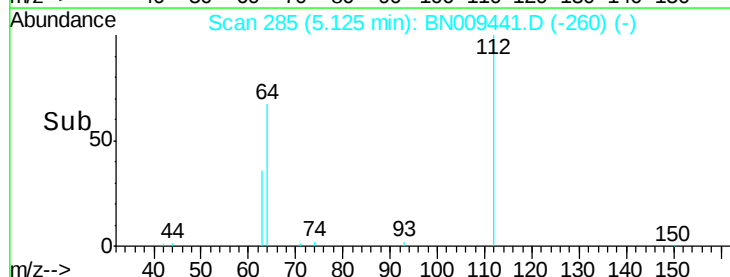
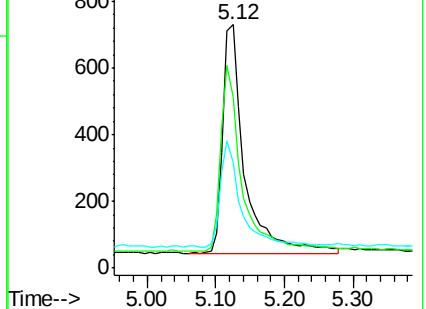
63 44.1 35.0 52.4

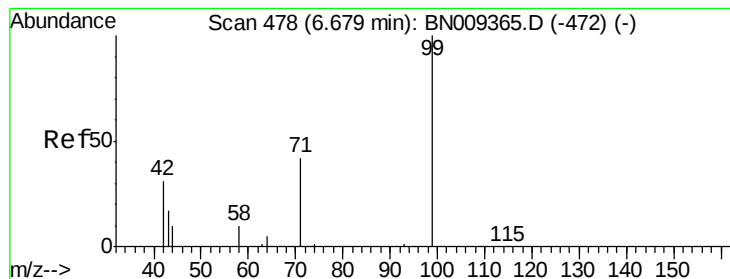


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.369 ng

RT: 6.69 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN009441.D

Acq: 24 Jan 2020 14:15

Instrument :

BNA_N

ClientSampleId :

PB126283BL

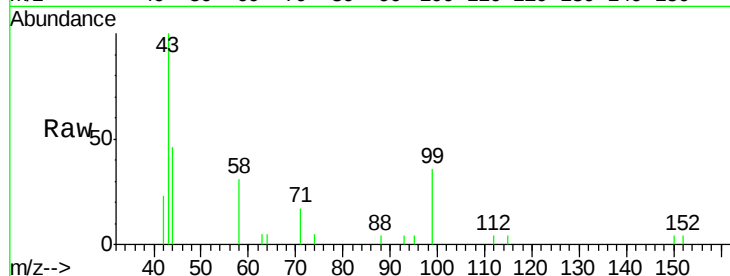
Tot Ion: 99 Resp: 1674

Ion Ratio Lower Upper

99 100

42 35.5 27.6 41.4

71 41.2 33.0 49.6

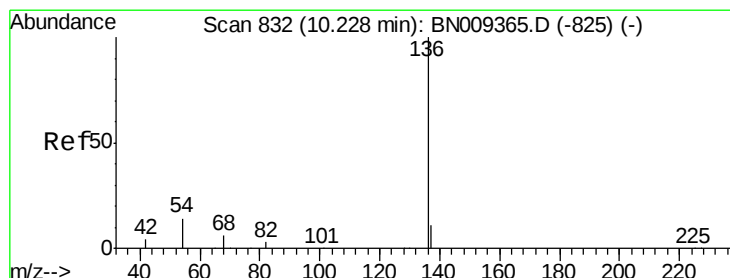
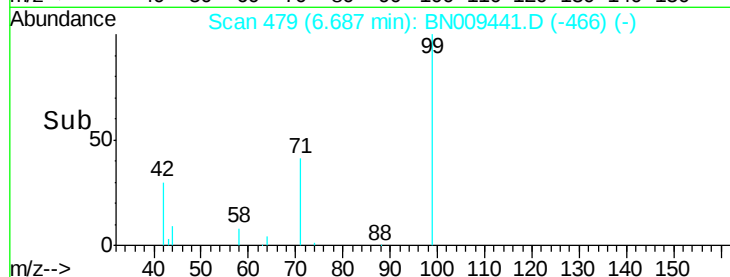


Abundance Ion 99.00 (98.70 to 99.70): BN009441.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009441.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009441.D (-472) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009441.D

Acq: 24 Jan 2020 14:15

Tgt Ion: 136 Resp: 5905

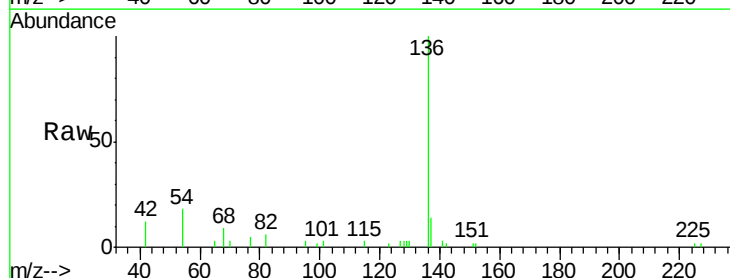
Ion Ratio Lower Upper

136 100

137 13.6 10.3 15.5

54 17.9 12.6 19.0

68 8.9 6.5 9.7



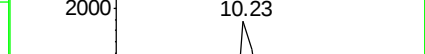
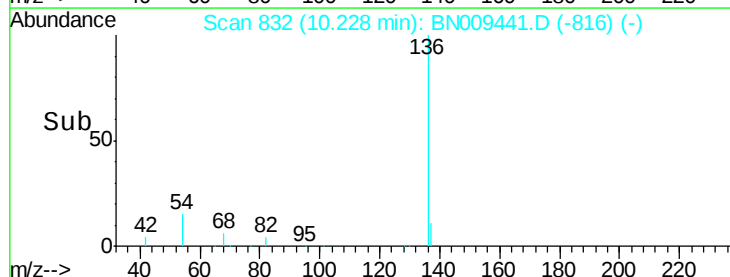
Abundance Ion 136.00 (135.70 to 136.70): BN009441.D (-825) (-)

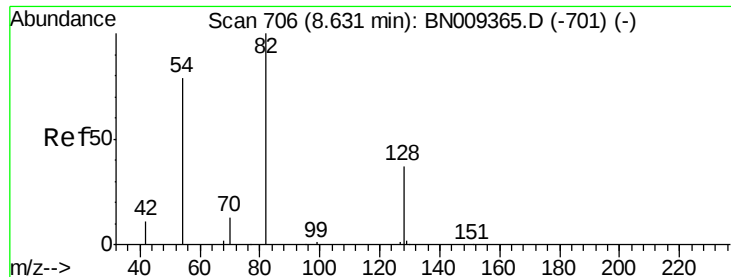
Ion 137.00 (136.70 to 137.70): BN009441.D (-825) (-)

Ion 54.00 (53.70 to 54.70): BN009441.D (-825) (-)

Ion 68.00 (67.70 to 68.70): BN009441.D (-825) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.294 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN009441.D

Acq: 24 Jan 2020 14:15

Instrument :

BNA_N

ClientSampleId :

PB126283BL

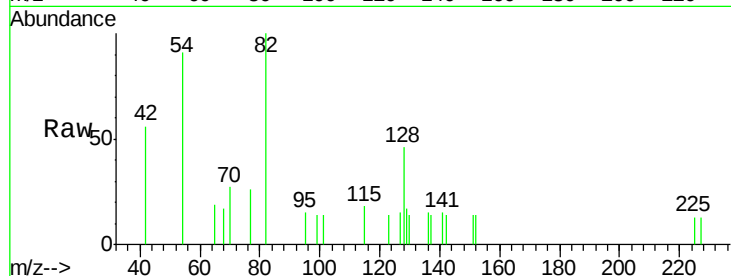
Tot Ion: 82 Resp: 1384

Ion Ratio Lower Upper

82 100

128 45.6 34.8 52.2

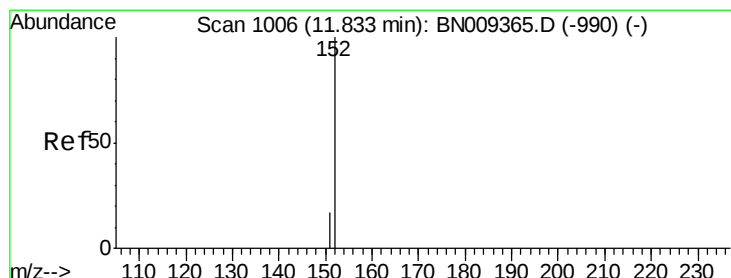
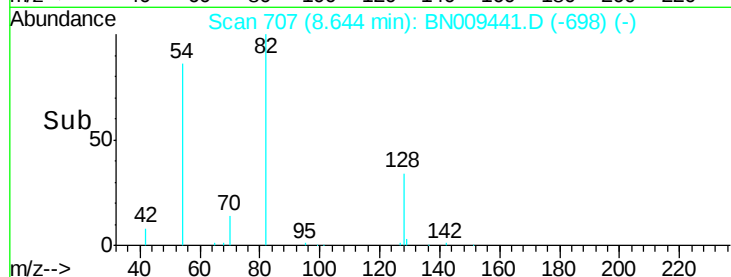
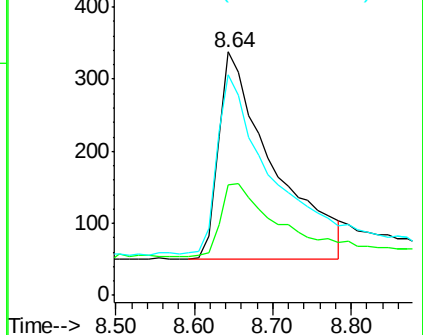
54 90.8 65.8 98.6



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



#11

2-Methylnaphthalene-d10

Concen: 0.285 ng

RT: 11.84 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BN009441.D

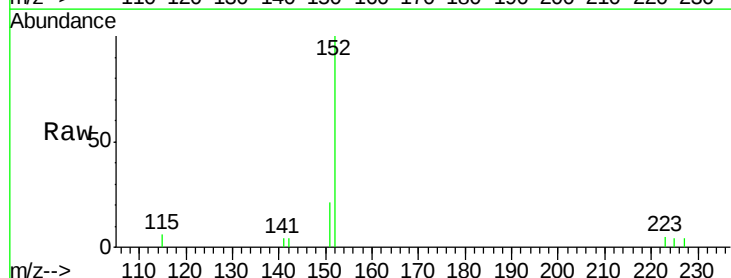
Acq: 24 Jan 2020 14:15

Tgt Ion: 152 Resp: 3255

Ion Ratio Lower Upper

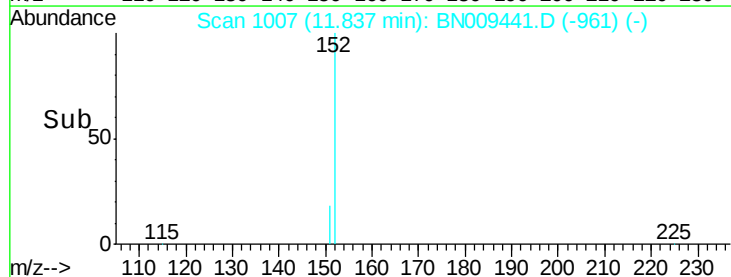
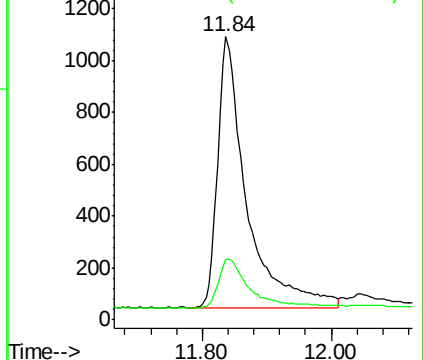
152 100

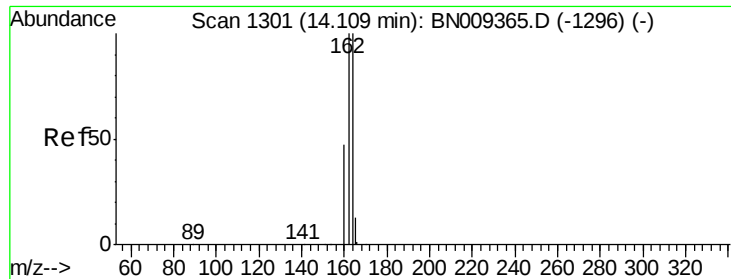
151 18.0 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN009441.D

Acq: 24 Jan 2020 14:15

Instrument :

BNA_N

ClientSampleId :

PB126283BL

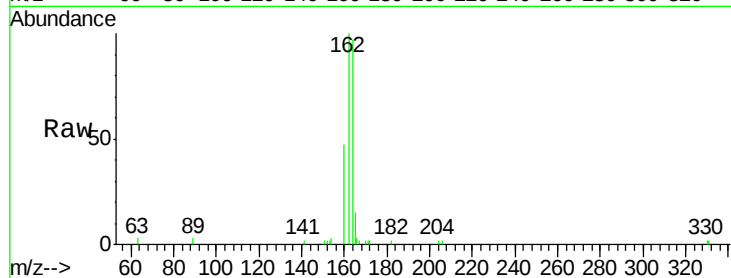
Tot Ion:164 Resp: 4289

Ion Ratio Lower Upper

164 100

162 103.0 79.8 119.6

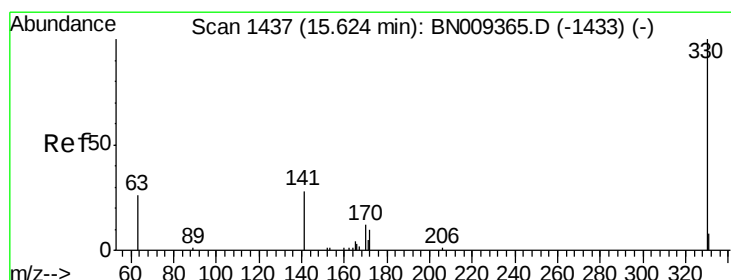
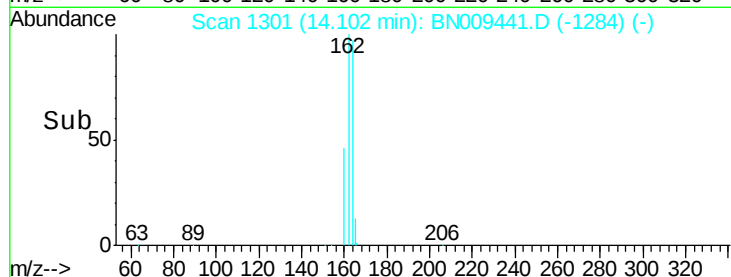
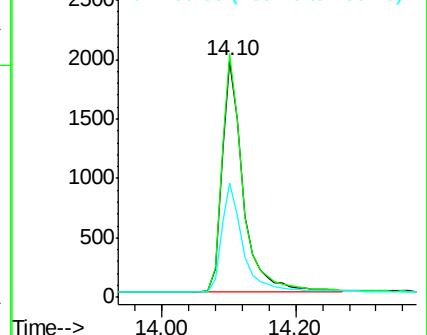
160 48.4 38.4 57.6



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: 0.247 ng

RT: 15.63 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BN009441.D

Acq: 24 Jan 2020 14:15

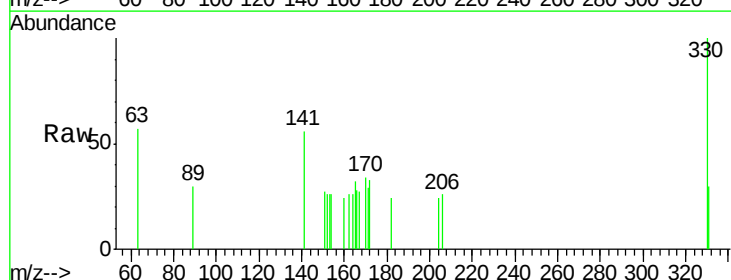
Tgt Ion:330 Resp: 401

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

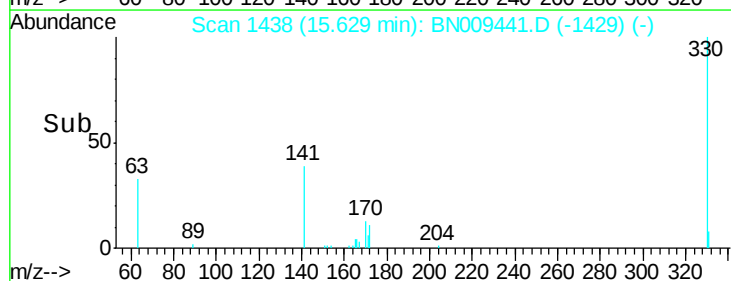
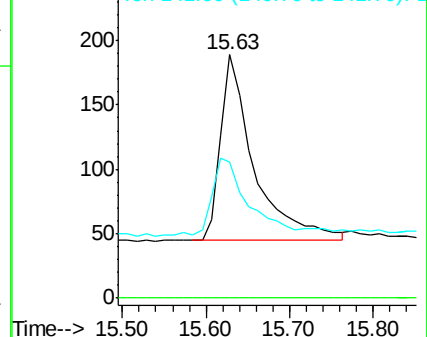
141 51.4 33.1 49.7#

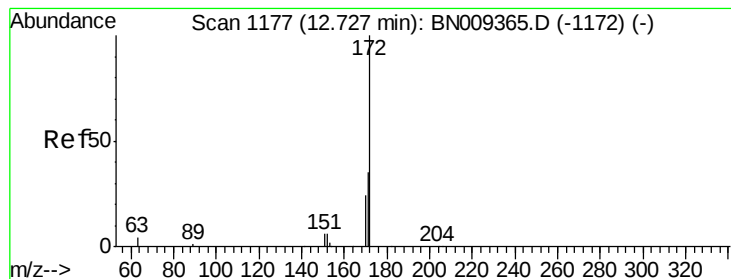


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.287 ng

RT: 12.73 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BN009441.D

Acq: 24 Jan 2020 14:15

Instrument :

BNA_N

ClientSampleId :

PB126283BL

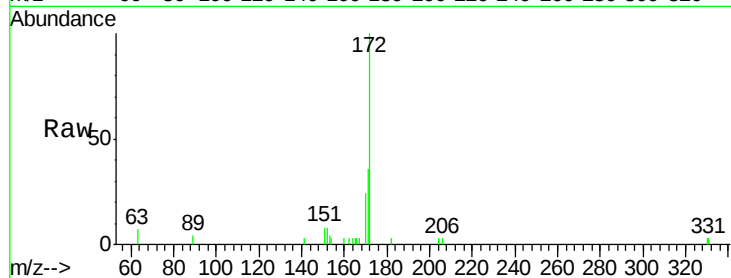
Tot Ion:172 Resp: 4613

Ion Ratio Lower Upper

172 100

171 35.9 29.5 44.3

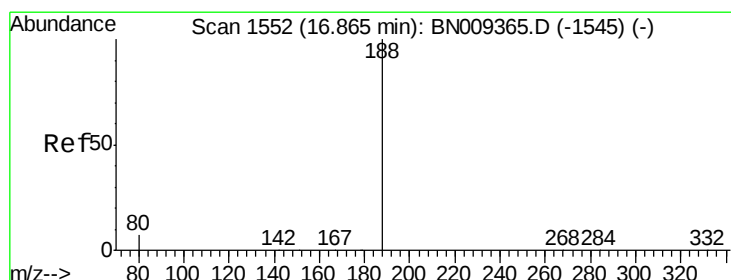
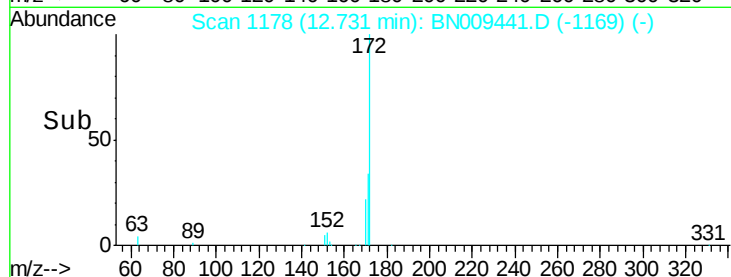
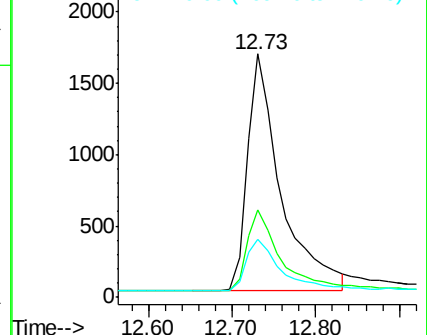
170 24.0 20.7 31.1



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: 16.86 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BN009441.D

Acq: 24 Jan 2020 14:15

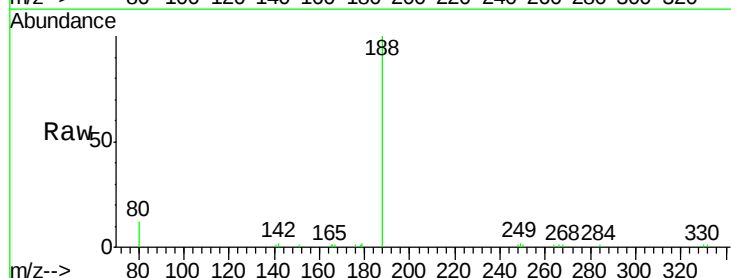
Tgt Ion:188 Resp: 9292

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

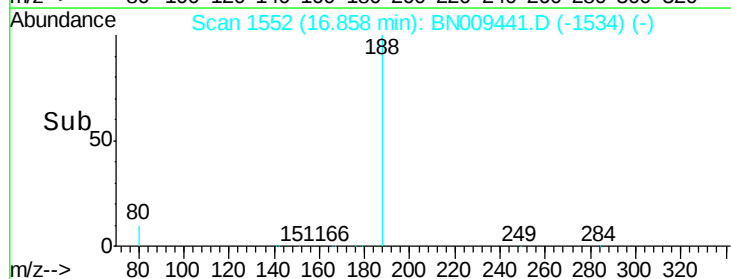
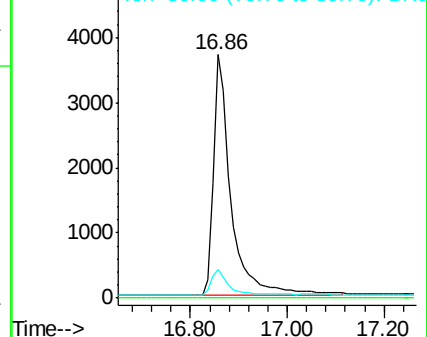
80 11.6 6.6 10.0#

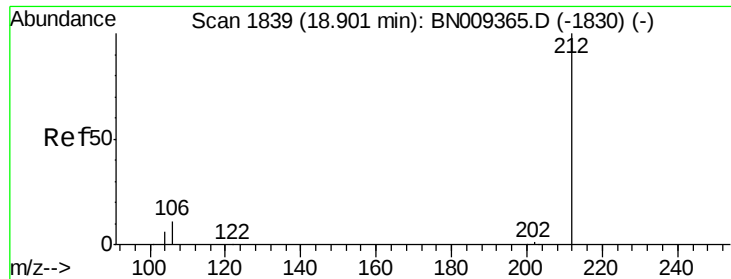


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.224 ng

RT: 18.89 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BN009441.D

Acq: 24 Jan 2020 14:15

Instrument :

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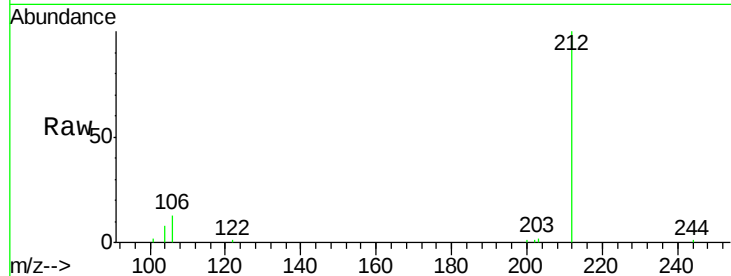
Tot Ion:212 Resp: 7153

Ion Ratio Lower Upper

212 100

106 11.4 9.2 13.8

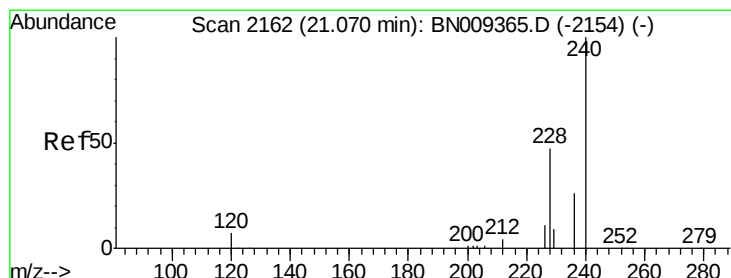
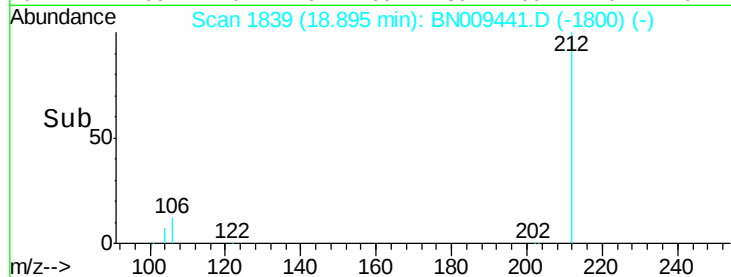
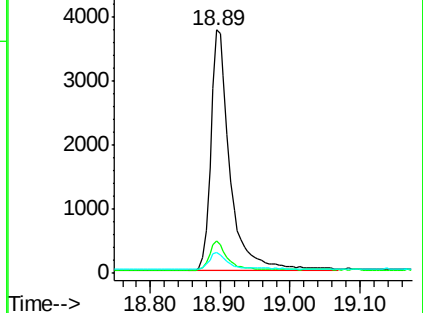
104 6.6 5.4 8.0



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: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009441.D

Acq: 24 Jan 2020 14:15

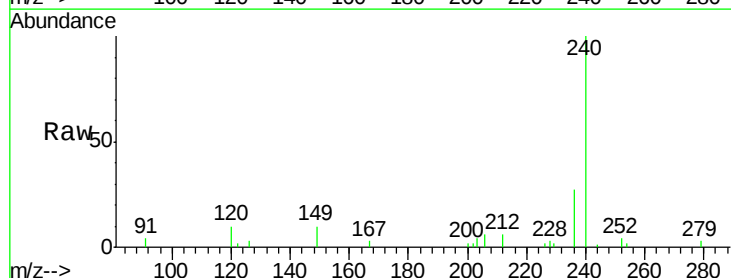
Tgt Ion:240 Resp: 6554

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

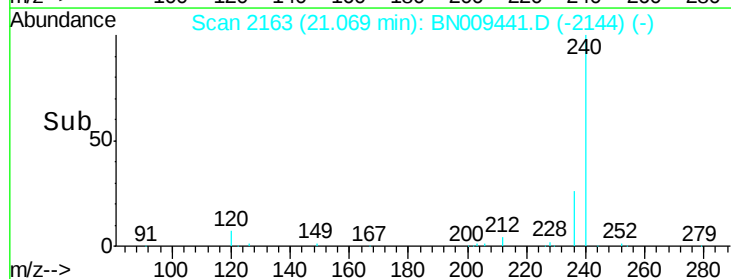
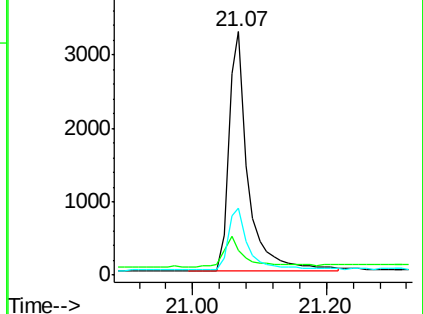
236 27.4 22.2 33.4

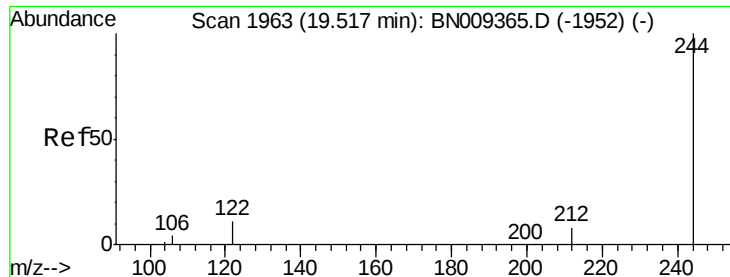


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.333 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN009441.D

Acq: 24 Jan 2020 14:15

Instrument :

BNA_N

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PB126283BL

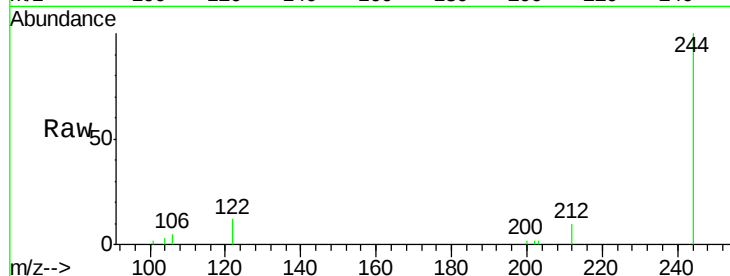
Tot Ion:244 Resp: 5169

Ion Ratio Lower Upper

244 100

212 9.9 7.5 11.3

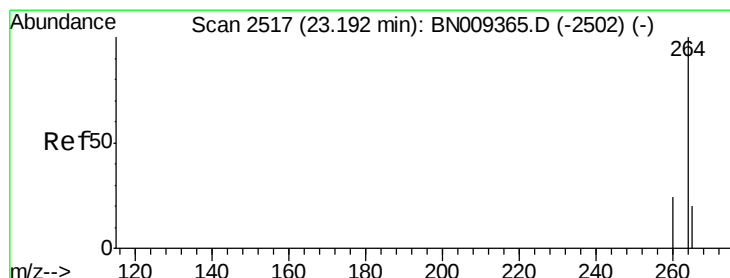
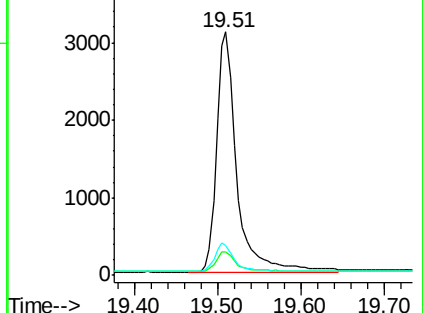
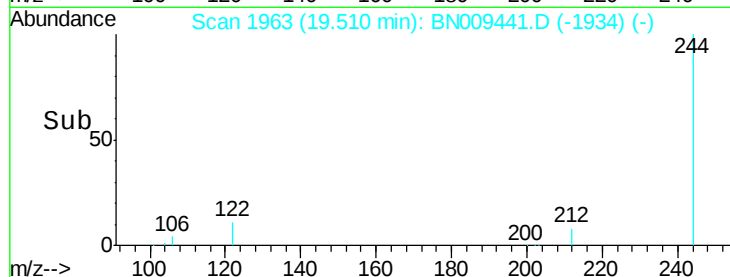
122 12.2 9.8 14.6



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: 23.18 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN009441.D

Acq: 24 Jan 2020 14:15

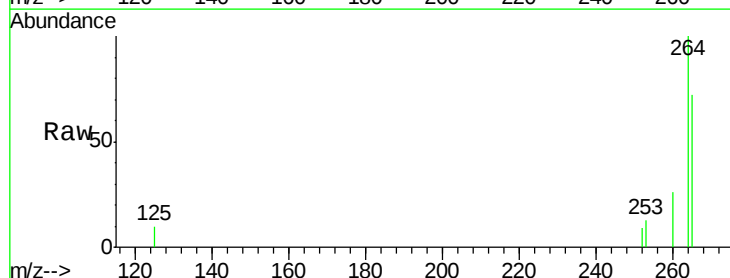
Tgt Ion:264 Resp: 6683

Ion Ratio Lower Upper

264 100

260 25.8 20.1 30.1

265 72.1 68.2 102.4



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

