

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041420\
 Data File : BN010481.D
 Acq On : 14 Apr 2020 16:42
 Operator : CG/JU
 Sample : PB128219BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128219BL

Quant Time: Apr 14 17:12:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3943	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	16065	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	10090	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	23468	0.40	ng	0.00
27) Chrysene-d12	21.17	240	21974	0.40	ng	-0.01
34) Perylene-d12	23.35	264	19672	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	2689	0.31	ng	0.00
5) Phenol-d6	6.79	99	3401	0.30	ng	0.00
8) Nitrobenzene-d5	8.74	82	3677	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	11.96	152	8407	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1291	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	12211	0.33	ng	0.00
25) Fluoranthene-d10	19.01	212	22786	0.32	ng	0.00
29) Terphenyl-d14	19.62	244	17683	0.35	ng	0.00

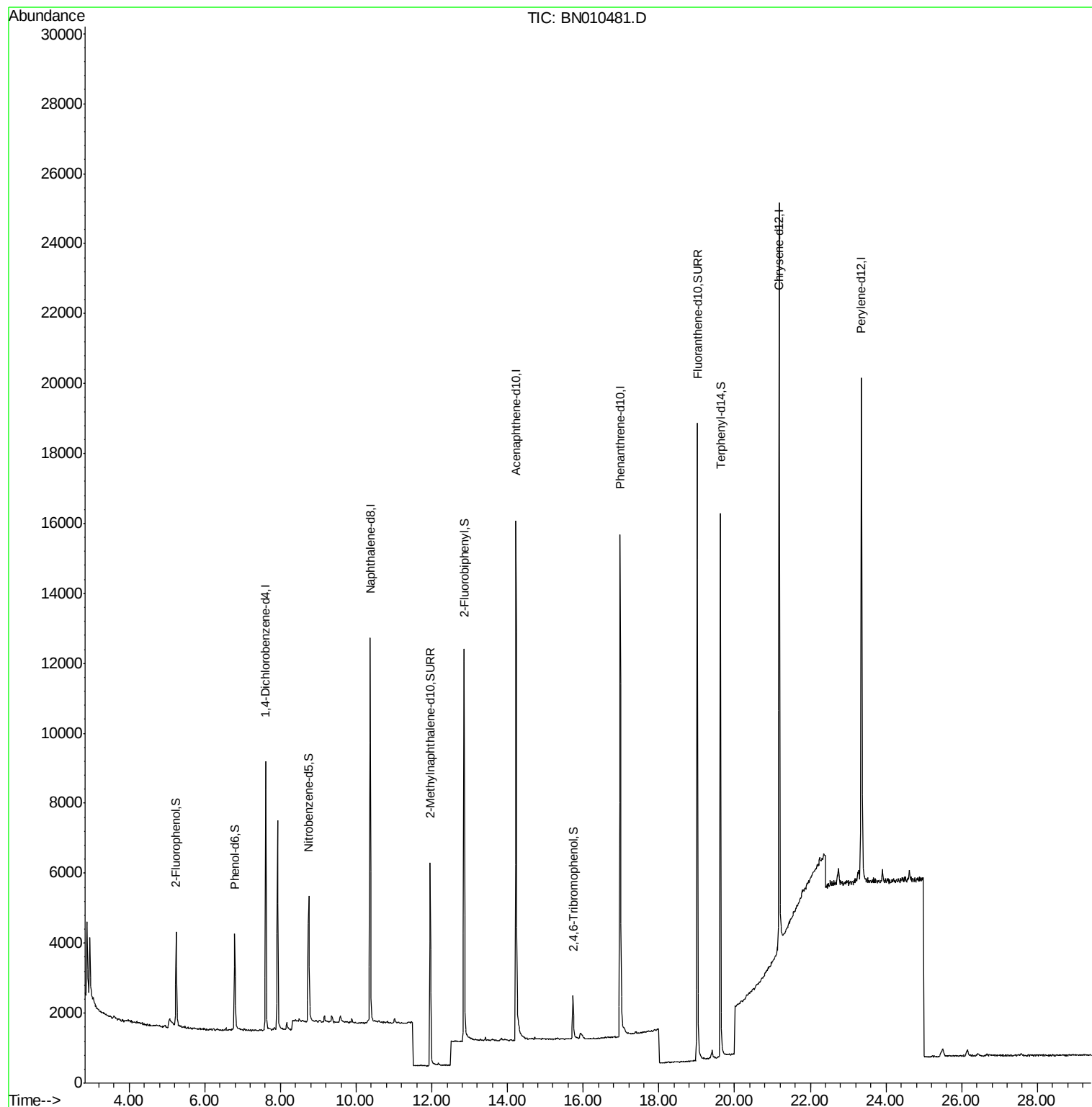
Target Compounds	Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 593

Delta R.T. -0.01 min

Lab File: BN010481.D

Acq: 14 Apr 2020 16:42

Instrument :

BNA_N

ClientSampleId :

PB128219BL

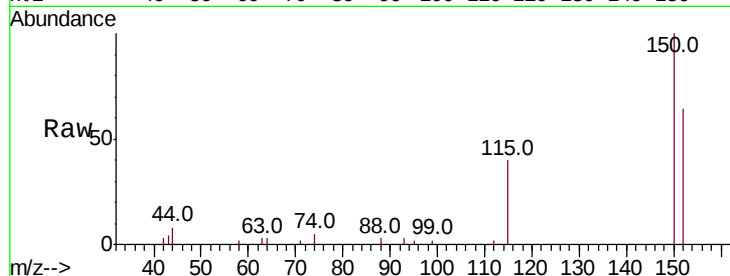
Tot Ion:152 Resp: 3943

Ion Ratio Lower Upper

152 100

150 157.5 121.8 182.6

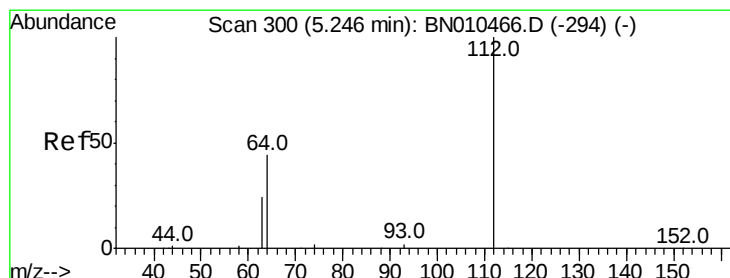
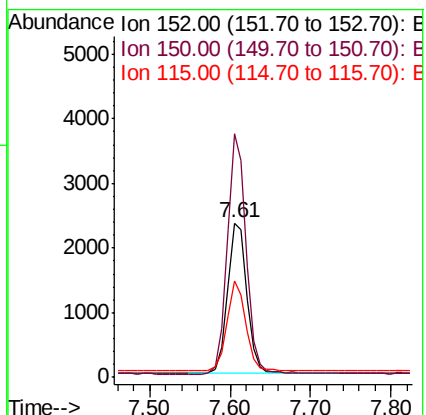
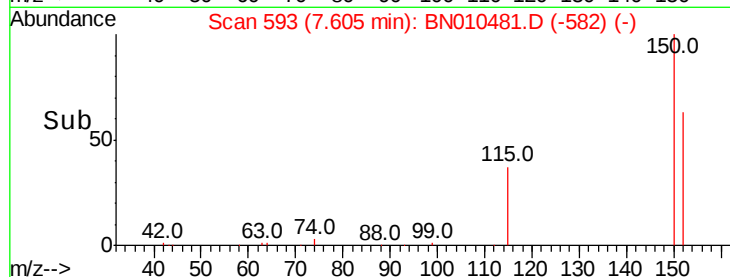
115 62.3 45.5 68.3



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: 0.311 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010481.D

Acq: 14 Apr 2020 16:42

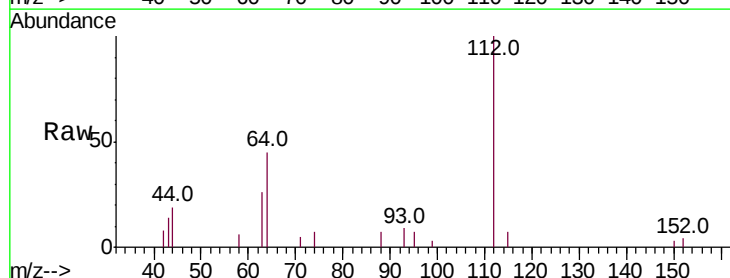
Tgt Ion:112 Resp: 2689

Ion Ratio Lower Upper

112 100

64 46.2 35.8 53.8

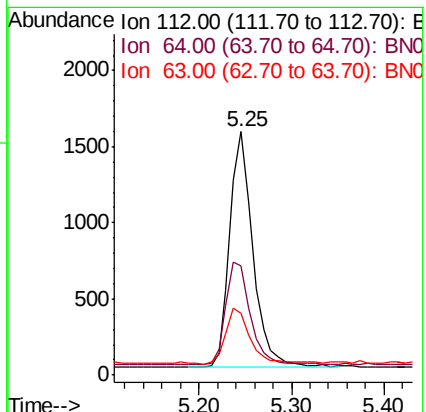
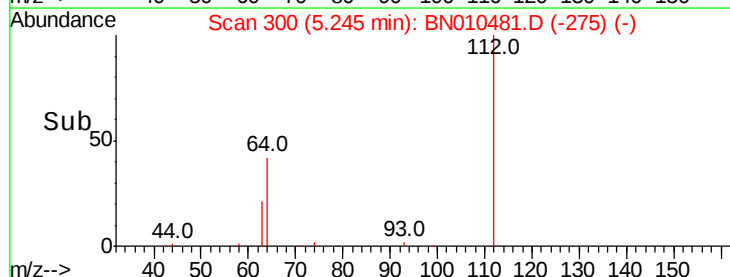
63 24.5 19.9 29.9

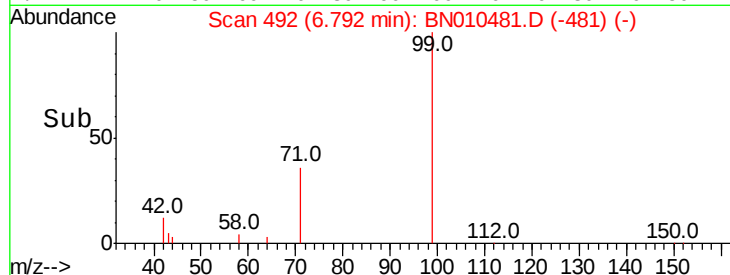
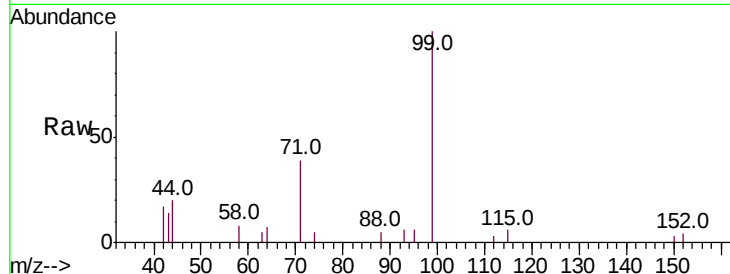
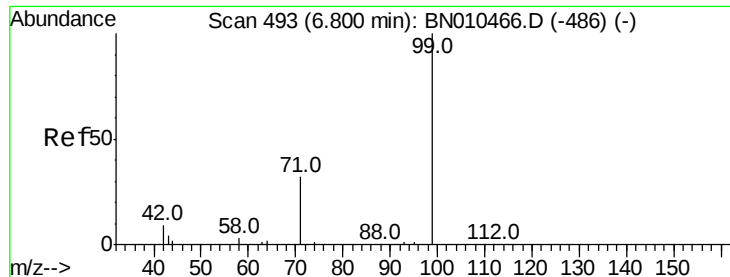


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.301 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010481.D

Acq: 14 Apr 2020 16:42

Instrument :

BNA_N

ClientSampleId :

PB128219BL

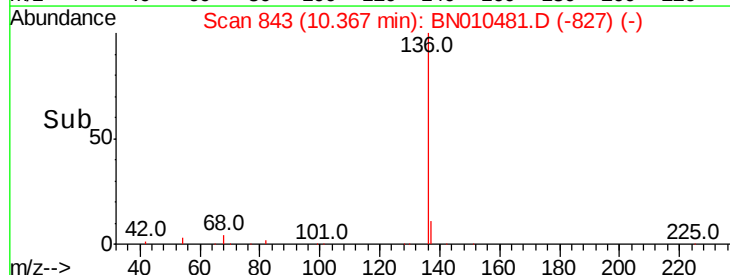
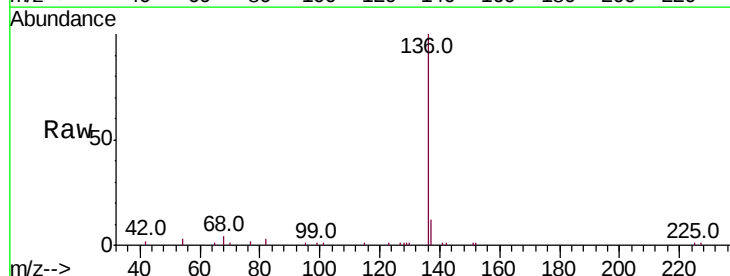
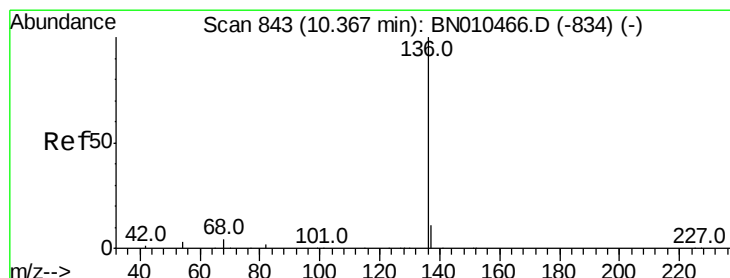
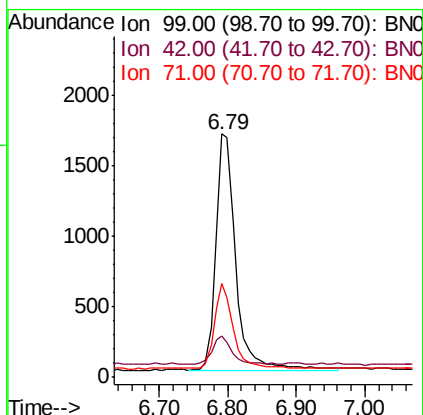
Tot Ion: 99 Resp: 3401

Ion Ratio Lower Upper

99 100

42 12.0 9.8 14.6

71 34.5 27.8 41.8



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010481.D

Acq: 14 Apr 2020 16:42

Tgt Ion: 136 Resp: 16065

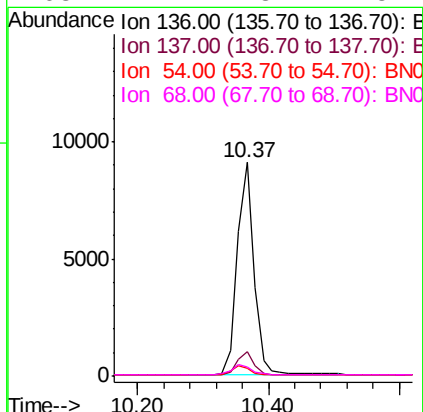
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 3.3 2.6 4.0

68 4.4 3.4 5.2





#8

Nitrobenzene-d5

Concen: 0.327 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010481.D

Acq: 14 Apr 2020 16:42

Instrument :

BNA_N

ClientSampleId :

PB128219BL

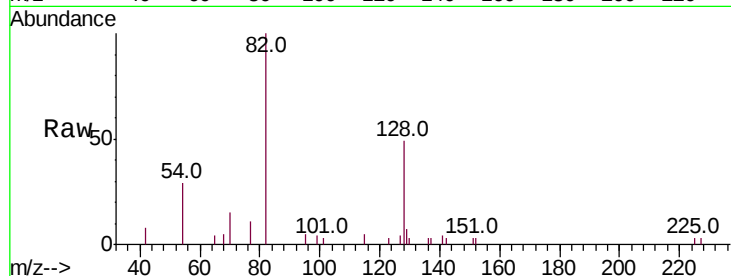
Tot Ion: 82 Resp: 3677

Ion Ratio Lower Upper

82 100

128 49.0 41.3 61.9

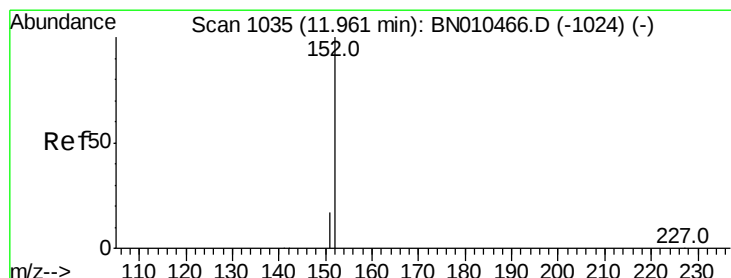
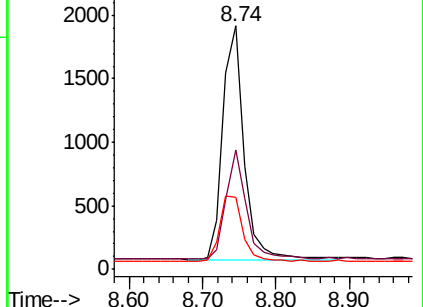
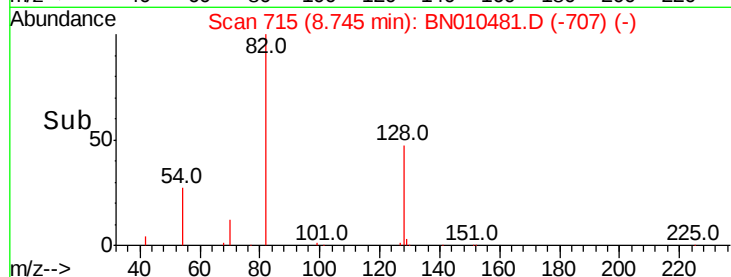
54 29.5 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010481.D (-990) (-)

Ion 128.00 (127.70 to 128.70): BN010481.D (-990) (-)

Ion 54.00 (53.70 to 54.70): BN010481.D (-990) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.318 ng

RT: 11.96 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BN010481.D

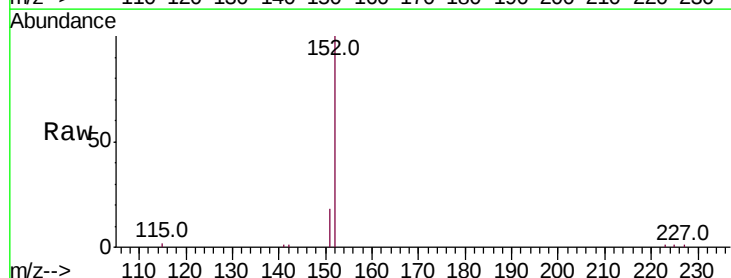
Acq: 14 Apr 2020 16:42

Tgt Ion: 152 Resp: 8407

Ion Ratio Lower Upper

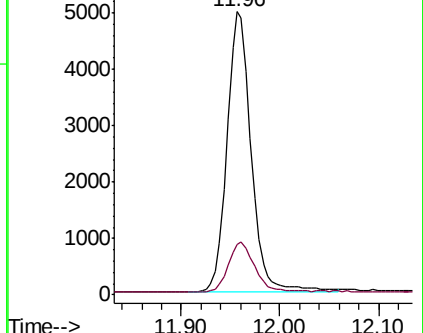
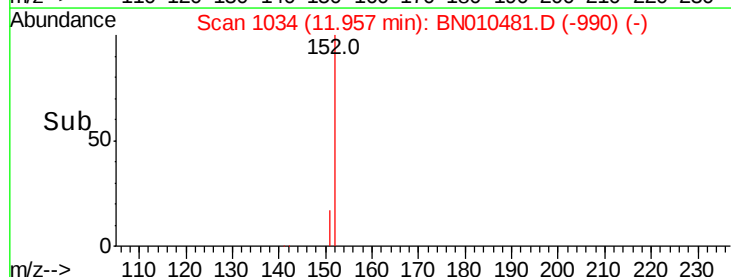
152 100

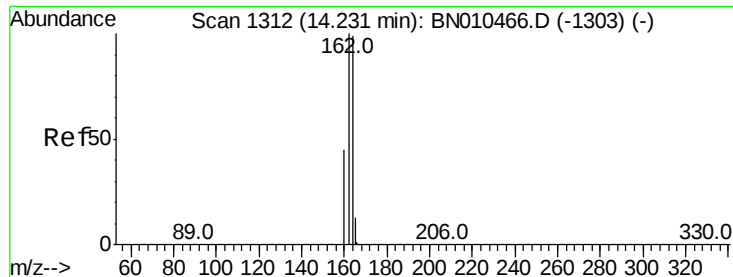
151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010481.D (-990) (-)

Ion 151.00 (150.70 to 151.70): BN010481.D (-990) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010481.D

Acq: 14 Apr 2020 16:42

Instrument :

BNA_N

ClientSampleId :

PB128219BL

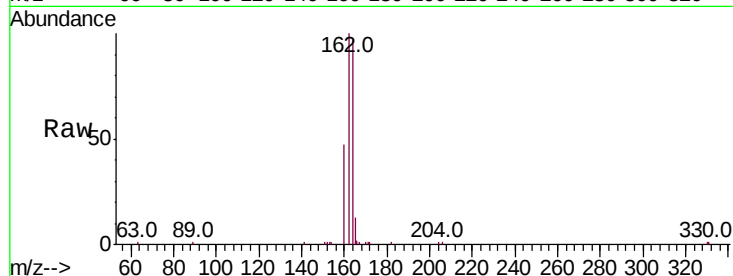
Tot Ion:164 Resp: 10090

Ion Ratio Lower Upper

164 100

162 103.3 80.6 121.0

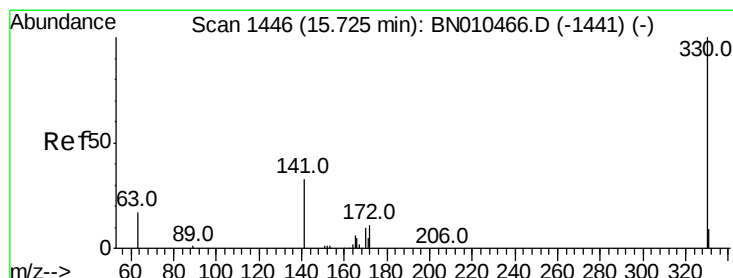
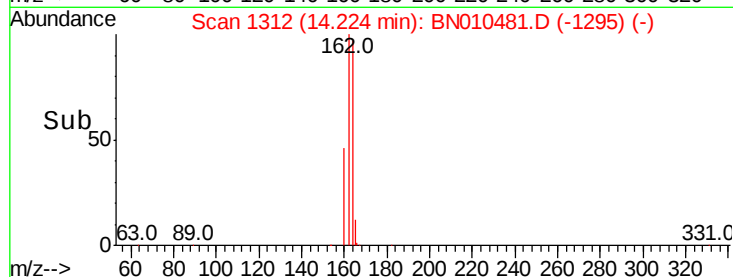
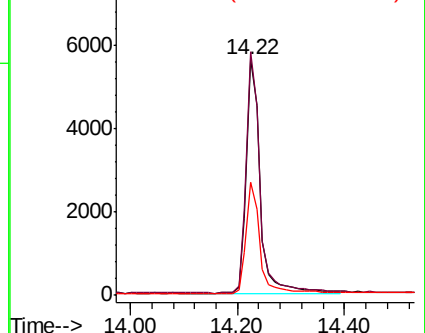
160 48.1 36.5 54.7



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: 0.271 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010481.D

Acq: 14 Apr 2020 16:42

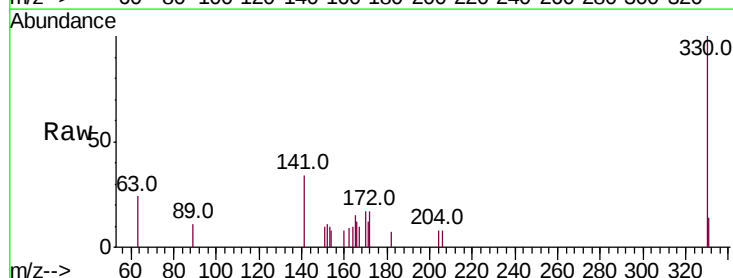
Tgt Ion:330 Resp: 1291

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

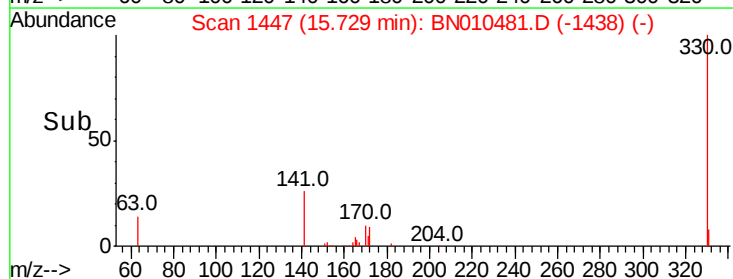
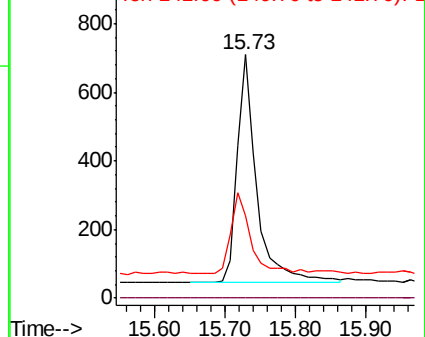
141 36.2 28.1 42.1

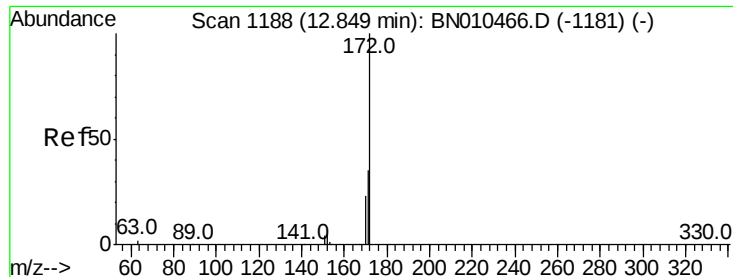


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.333 ng

RT: 12.85 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BN010481.D

Acq: 14 Apr 2020 16:42

Instrument :

BNA_N

ClientSampleId :

PB128219BL

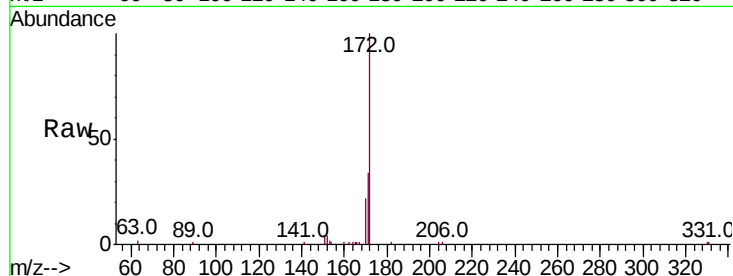
Tot Ion:172 Resp: 12211

Ion Ratio Lower Upper

172 100

171 33.9 28.2 42.2

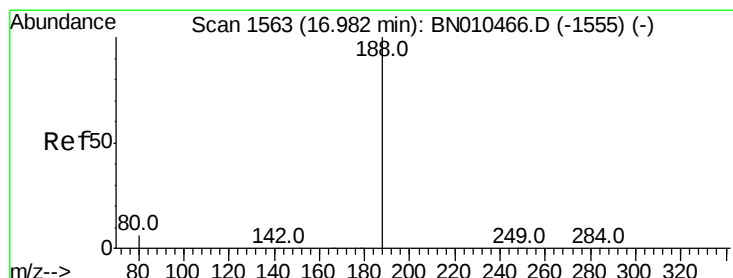
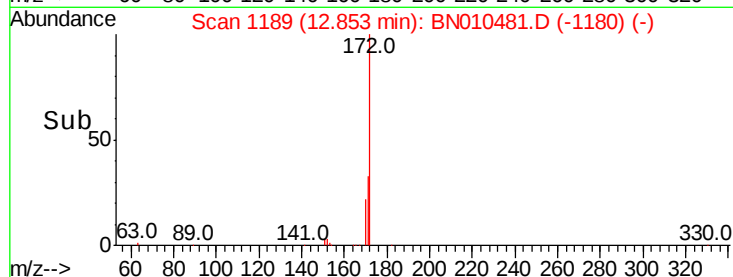
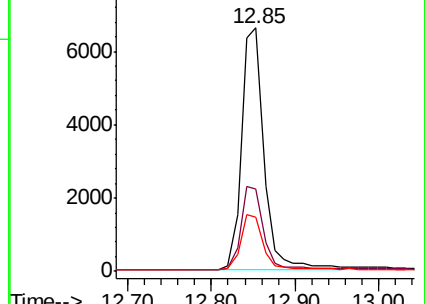
170 22.2 18.4 27.6



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: 16.97 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010481.D

Acq: 14 Apr 2020 16:42

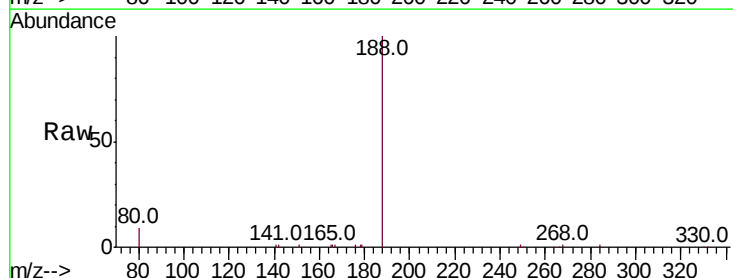
Tgt Ion:188 Resp: 23468

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

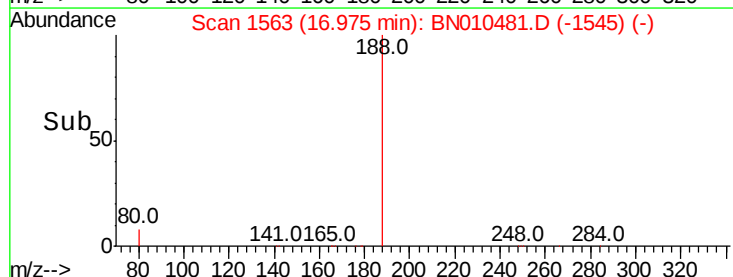
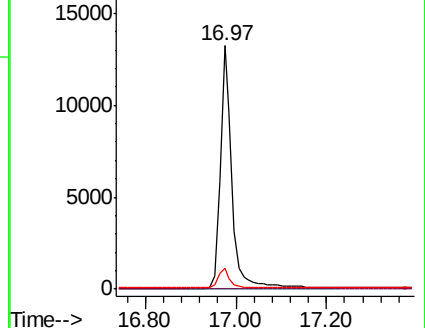
80 8.7 5.0 7.6#

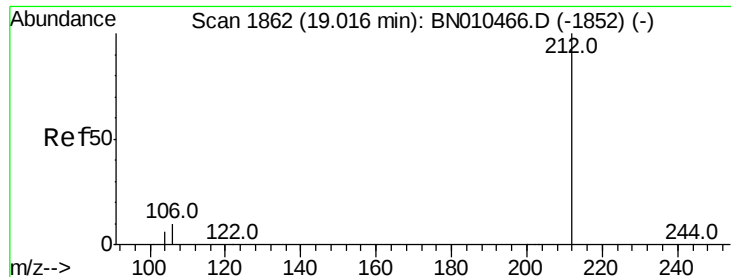


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.320 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010481.D

Acq: 14 Apr 2020 16:42

Instrument :

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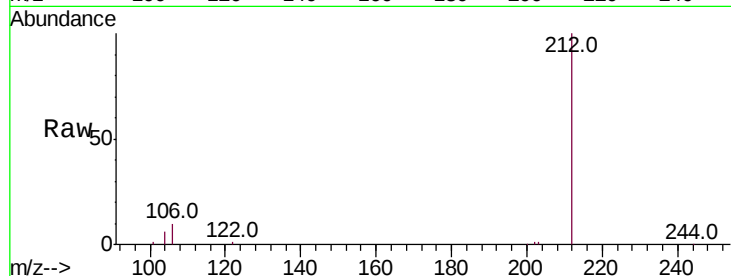
Tot Ion:212 Resp: 22786

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

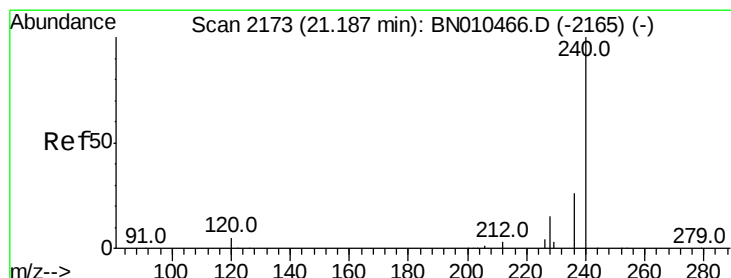
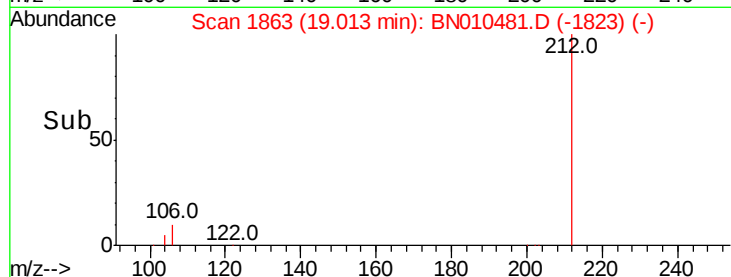
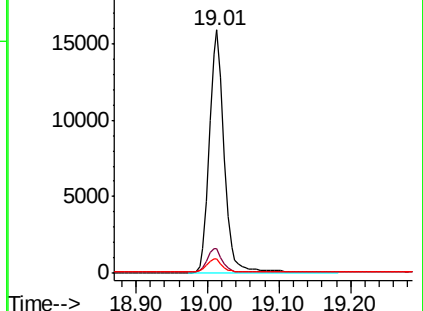
104 5.6 4.5 6.7



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# 2173

Delta R.T. -0.01 min

Lab File: BN010481.D

Acq: 14 Apr 2020 16:42

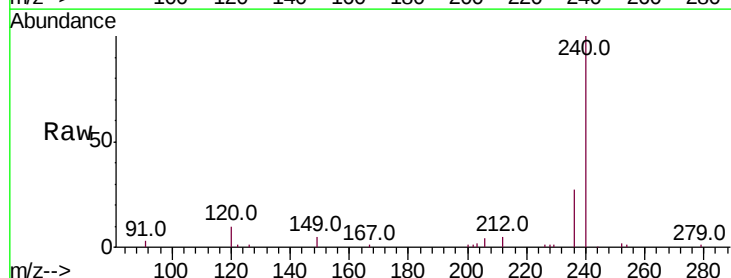
Tgt Ion:240 Resp: 21974

Ion Ratio Lower Upper

240 100

120 10.2 4.8 7.2#

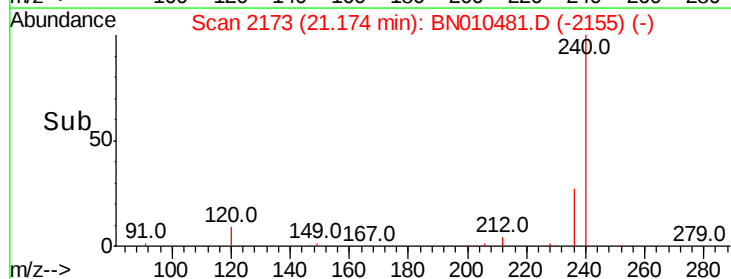
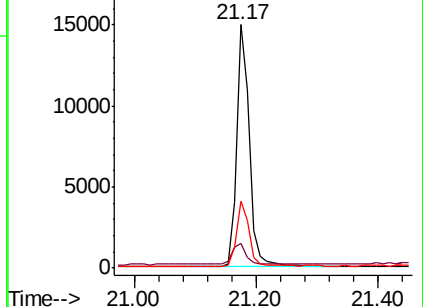
236 27.3 21.4 32.0

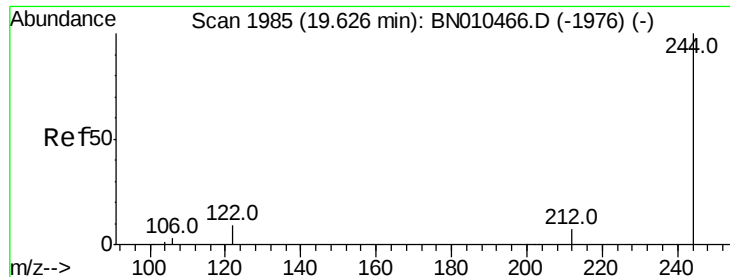


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.352 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010481.D

Acq: 14 Apr 2020 16:42

Instrument :

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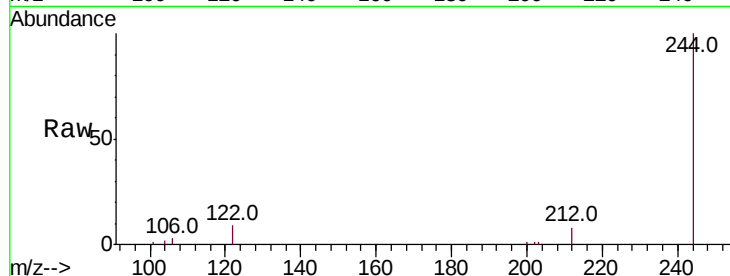
Tot Ion:244 Resp: 17683

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

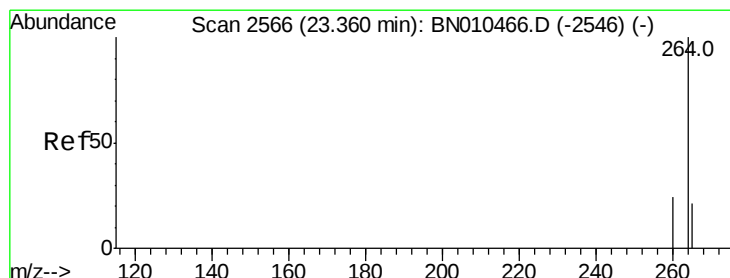
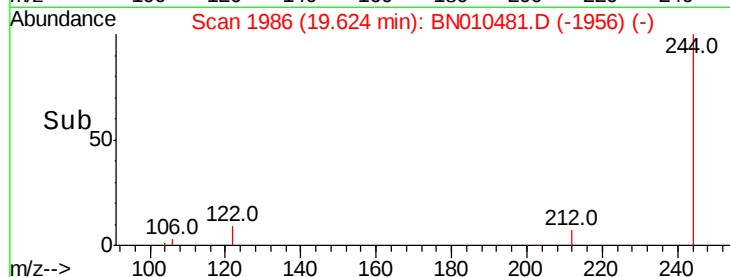
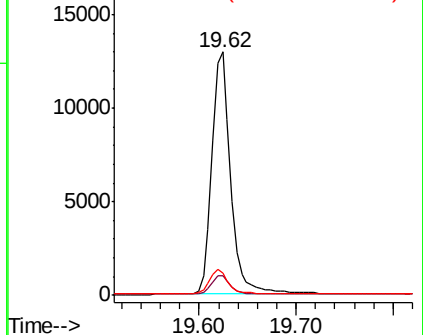
122 9.2 7.8 11.8



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: 23.35 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BN010481.D

Acq: 14 Apr 2020 16:42

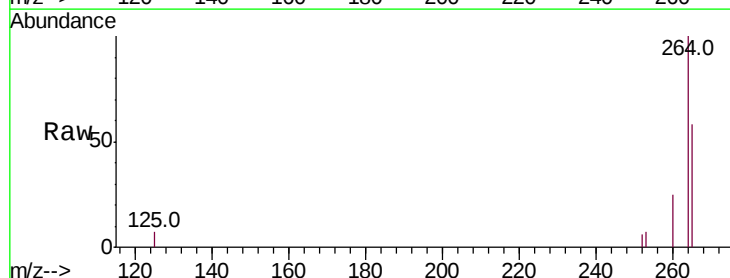
Tgt Ion:264 Resp: 19672

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 58.2 42.3 63.5



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

