

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061820\
 Data File : BN010955.D
 Acq On : 18 Jun 2020 13:51
 Operator : CG/JU
 Sample : SP5172
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5172

Quant Time: Jun 18 14:35:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 11:11:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	1975	0.40	ng	-0.02
7) Naphthalene-d8	10.30	136	6301	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	3325	0.40	ng	-0.01
19) Phenanthrene-d10	16.93	188	5912	0.40	ng	0.01
27) Chrysene-d12	21.13	240	5644	0.40	ng	0.00
34) Perylene-d12	23.28	264	5346	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	2544	0.67	ng	0.00
5) Phenol-d6	6.74	99	2374	0.53	ng	0.00
8) Nitrobenzene-d5	8.69	82	2749	0.59	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	4197	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	469	0.39	ng	0.01
15) 2-Fluorobiphenyl	12.80	172	7847	0.60	ng	0.00
25) Fluoranthene-d10	18.96	212	6705	0.41	ng	0.00
29) Terphenyl-d14	19.57	244	7219	0.55	ng	0.00

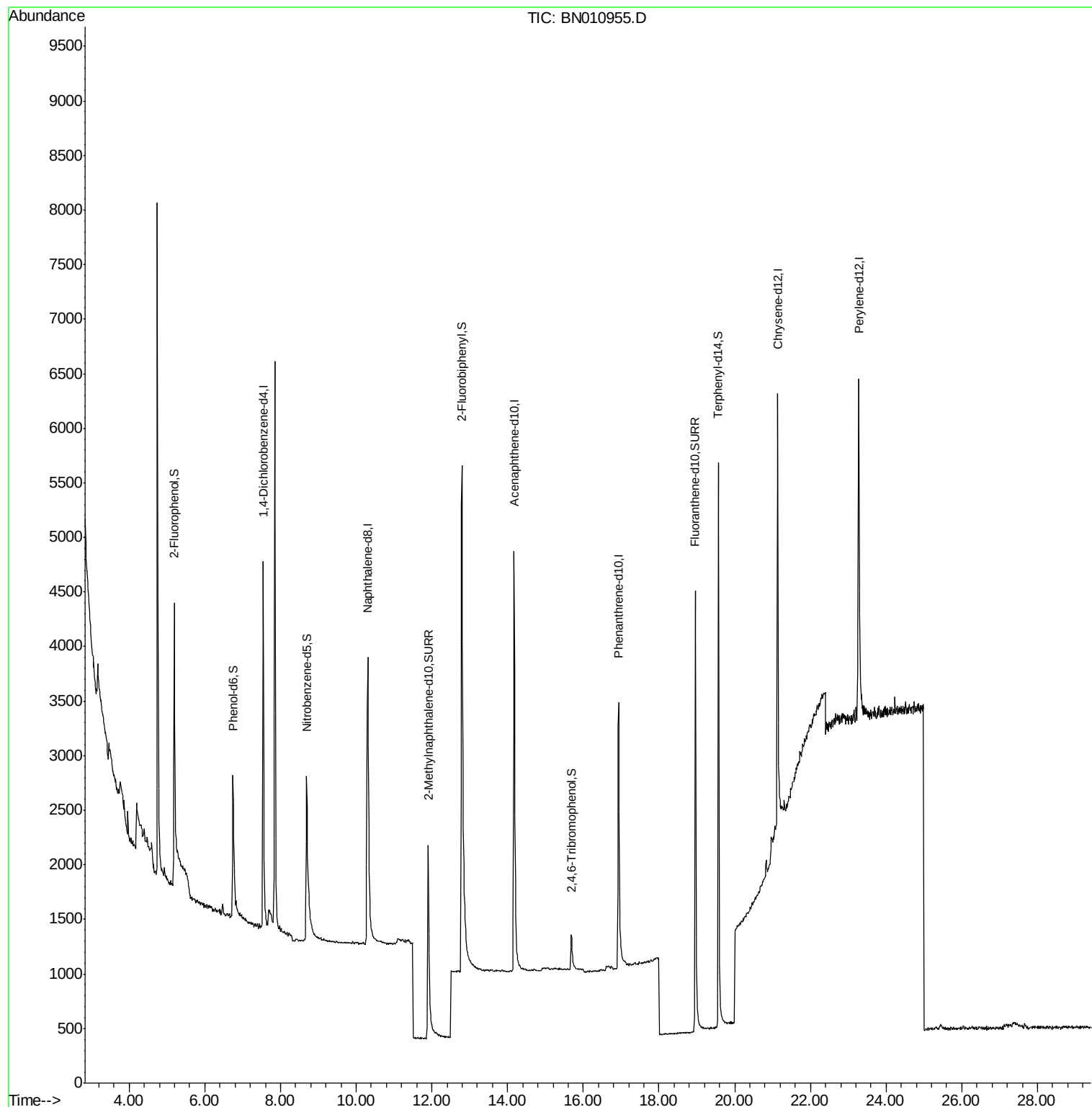
Target Compounds	Qvalue
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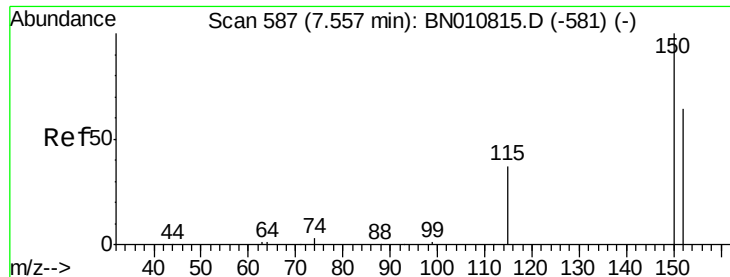
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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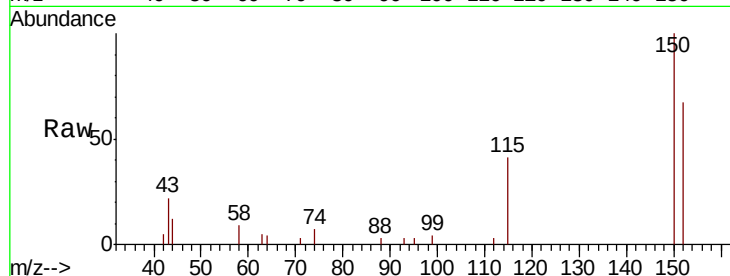


#1

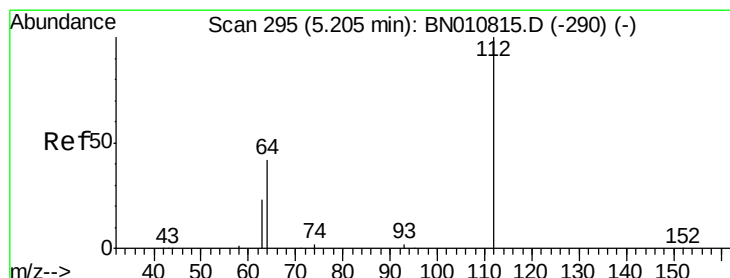
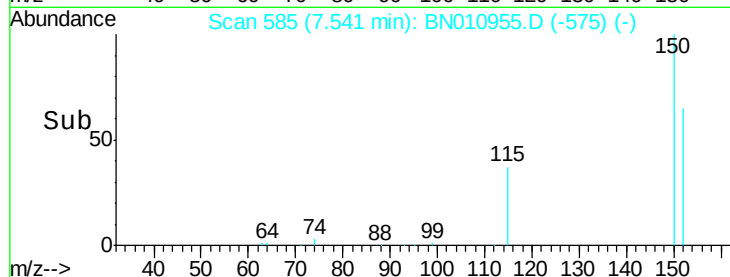
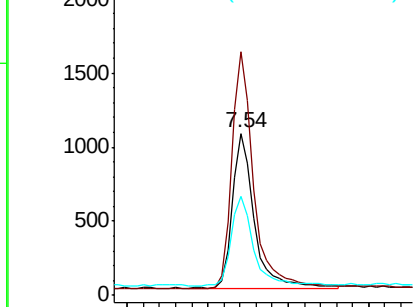
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.02 min
Lab File: BN010955.D
Acq: 18 Jun 2020 13:51

Instrument :
BNA_N
ClientSampleId :
SP5172

Tot Ion:152 Resp: 1975
Ion Ratio Lower Upper
152 100
150 150.4 123.8 185.6
115 61.2 49.2 73.8



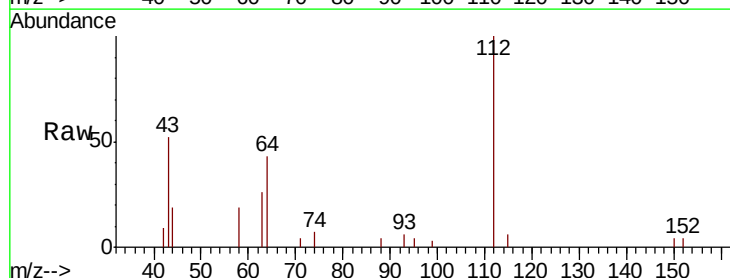
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



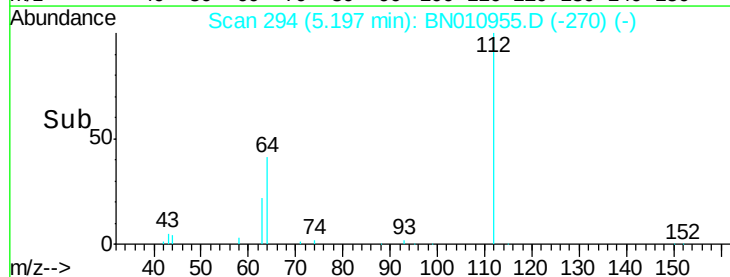
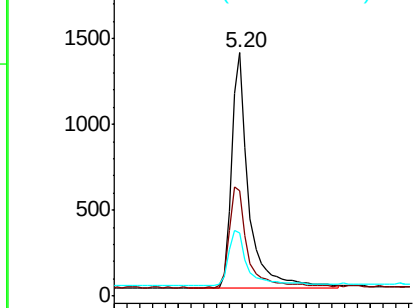
#4

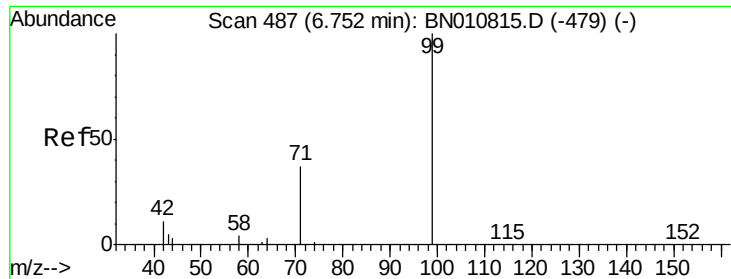
2-Fluorophenol
Concen: 0.667 ng
RT: 5.20 min Scan# 294
Delta R.T. -0.01 min
Lab File: BN010955.D
Acq: 18 Jun 2020 13:51

Tgt Ion:112 Resp: 2544
Ion Ratio Lower Upper
112 100
64 47.0 37.4 56.0
63 28.2 22.2 33.4



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: 0.529 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BN010955.D

Acq: 18 Jun 2020 13:51

Instrument :

BNA_N

ClientSampleId :

SP5172

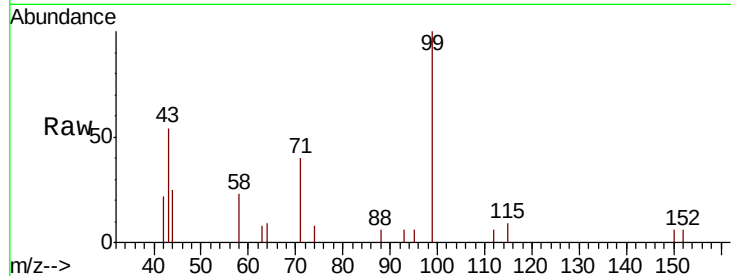
Tot Ion: 99 Resp: 2374

Ion Ratio Lower Upper

99 100

42 12.8 11.1 16.7

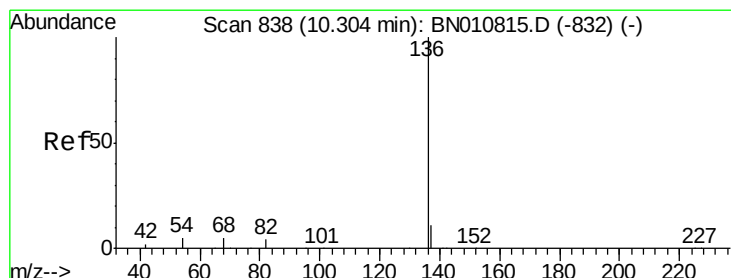
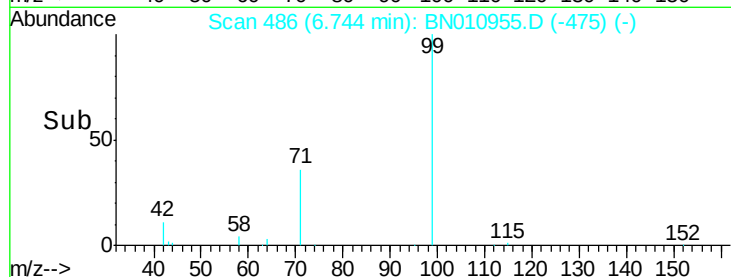
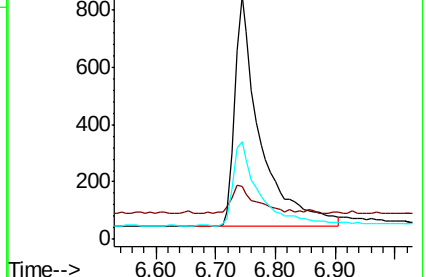
71 37.7 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010955.D

Acq: 18 Jun 2020 13:51

Tgt Ion: 136 Resp: 6301

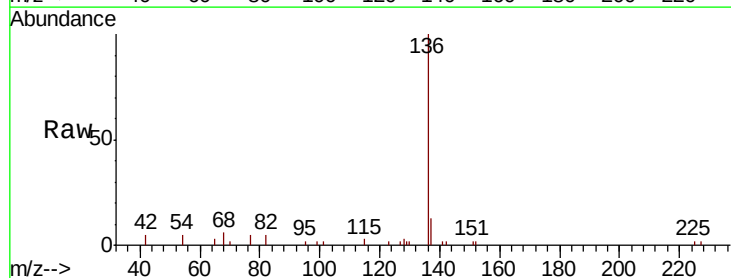
Ion Ratio Lower Upper

136 100

137 12.8 9.7 14.5

54 5.5 4.9 7.3

68 6.0 4.7 7.1

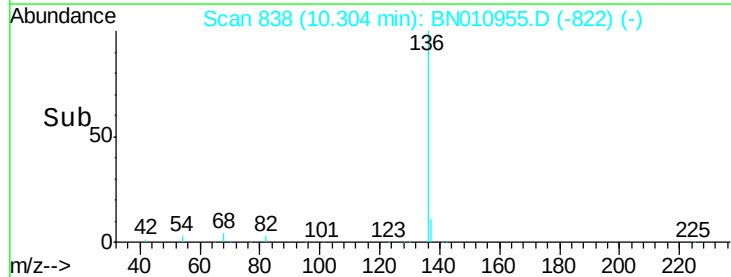
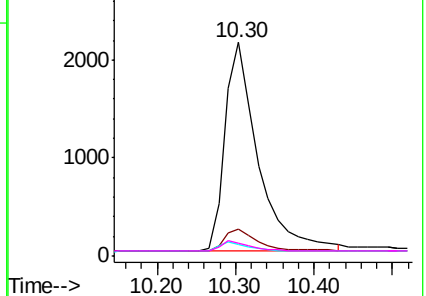


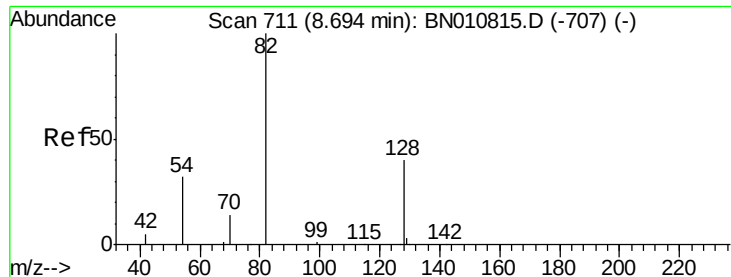
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)





#8

Nitrobenzene-d5

Concen: 0.590 ng

RT: 8.69 min Scan# 711

Delta R.T. -0.00 min

Lab File: BN010955.D

Acq: 18 Jun 2020 13:51

Instrument :

BNA_N

ClientSampleId :

SP5172

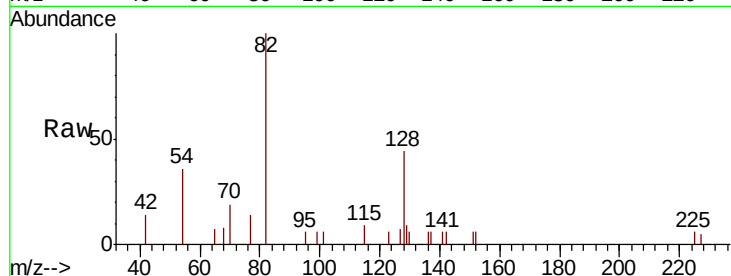
Tot Ion: 82 Resp: 2749

Ion Ratio Lower Upper

82 100

128 44.0 35.4 53.0

54 36.0 28.2 42.4

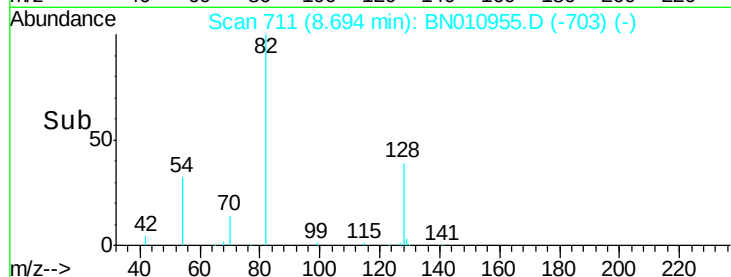


Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)

Time-->

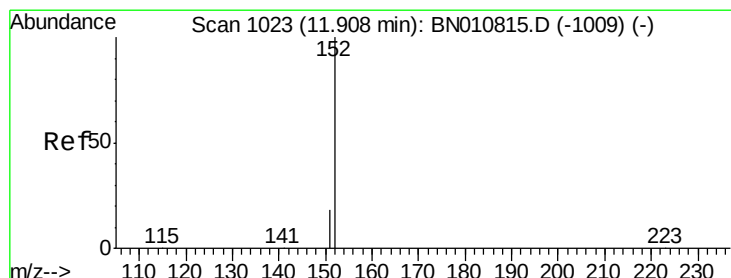


Abundance Ion 82.00 (81.70 to 82.70): BN010955.D (-703) (-)

Ion 128.00 (127.70 to 128.70): BN010955.D (-703) (-)

Ion 54.00 (53.70 to 54.70): BN010955.D (-703) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.429 ng

RT: 11.90 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BN010955.D

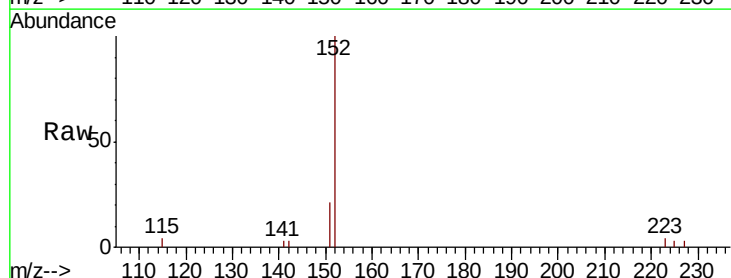
Acq: 18 Jun 2020 13:51

Tgt Ion: 152 Resp: 4197

Ion Ratio Lower Upper

152 100

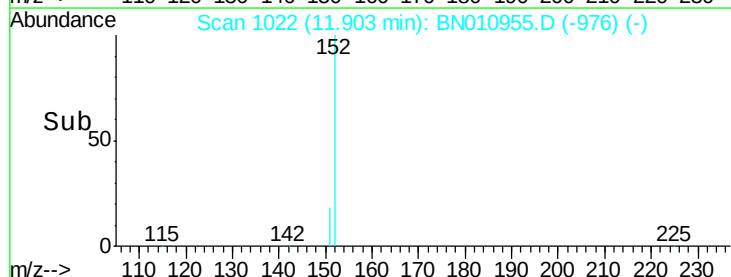
151 19.6 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)

Ion 151.00 (150.70 to 151.70): BN010815.D (-1009) (-)

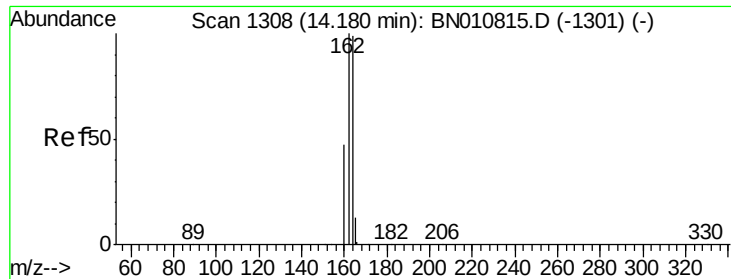
Time-->



Abundance Ion 152.00 (151.70 to 152.70): BN010955.D (-976) (-)

Ion 151.00 (150.70 to 151.70): BN010955.D (-976) (-)

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BN010955.D

Acq: 18 Jun 2020 13:51

Instrument :

BNA_N

ClientSampleId :

SP5172

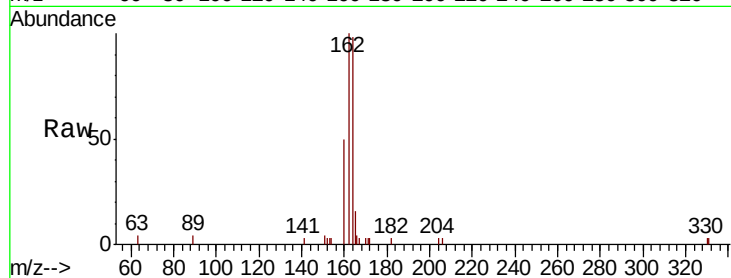
Tot Ion:164 Resp: 3325

Ion Ratio Lower Upper

164 100

162 102.5 81.0 121.6

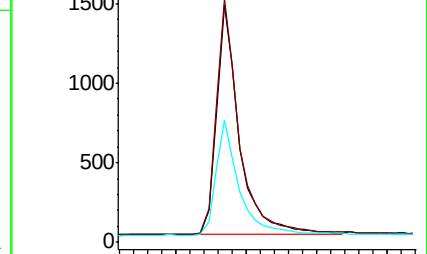
160 51.3 38.9 58.3



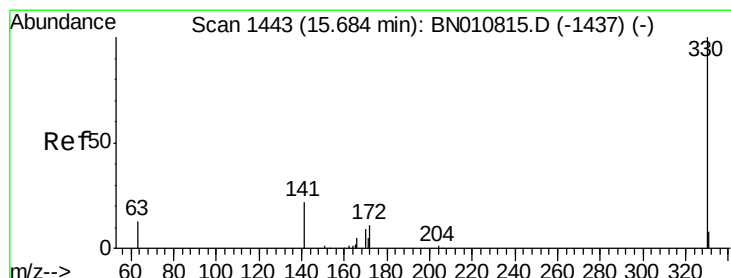
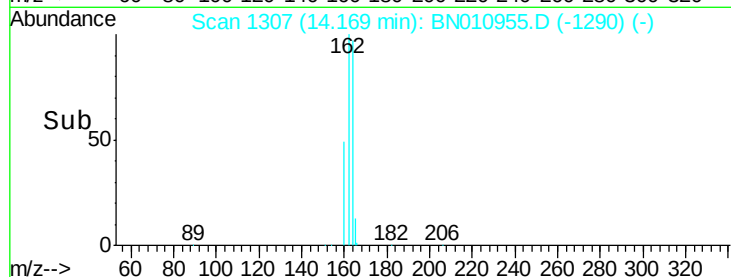
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.394 ng

RT: 15.70 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BN010955.D

Acq: 18 Jun 2020 13:51

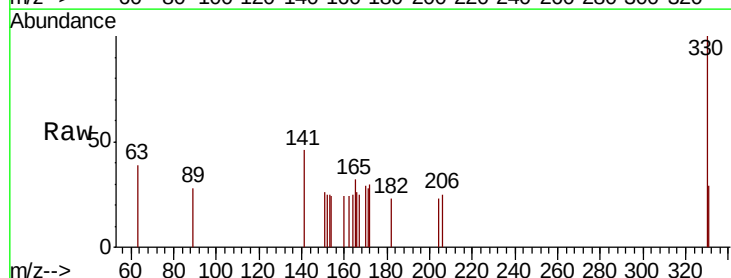
Tgt Ion:330 Resp: 469

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

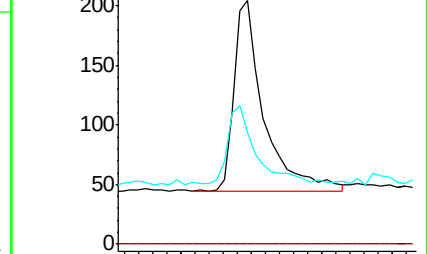
141 38.8 33.2 49.8



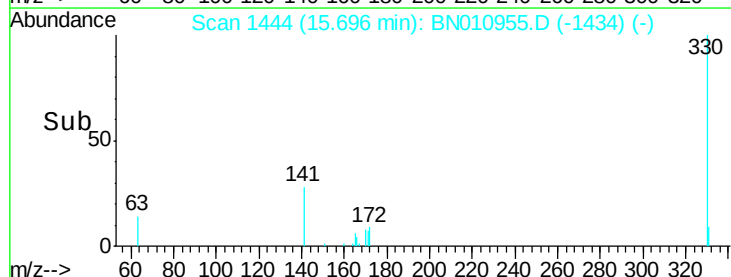
Abundance Ion 330.00 (329.70 to 330.70): E

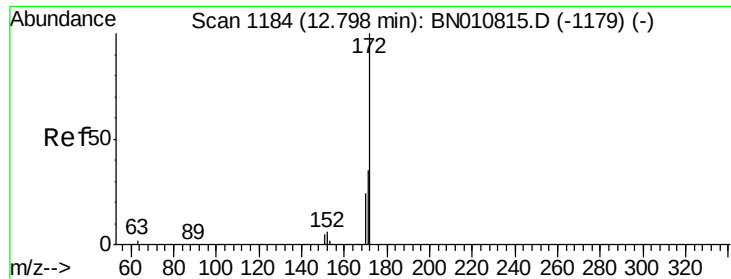
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

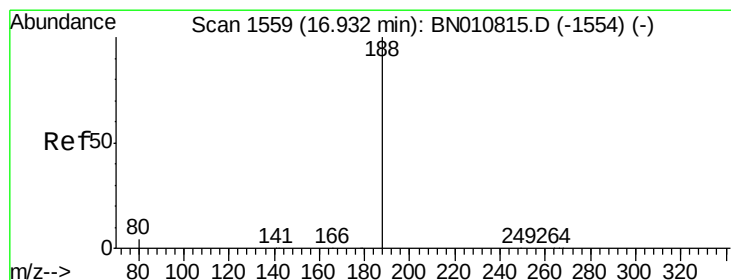
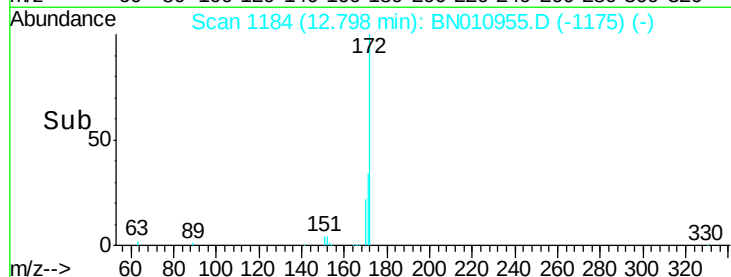
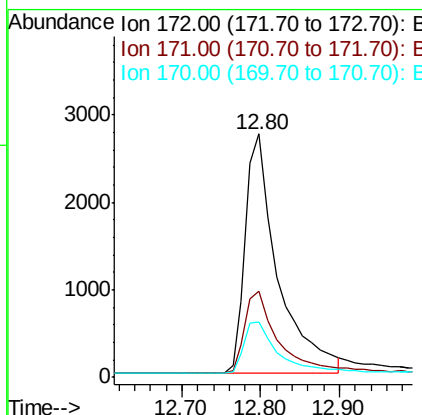
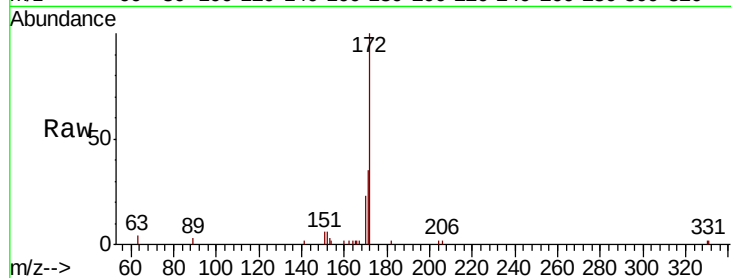




#15
2-Fluorobiphenyl
Concen: 0.598 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BN010955.D
Acq: 18 Jun 2020 13:51

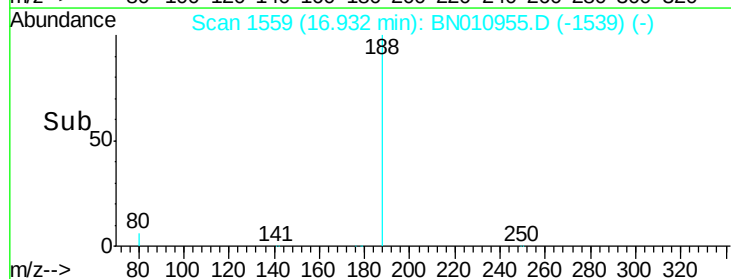
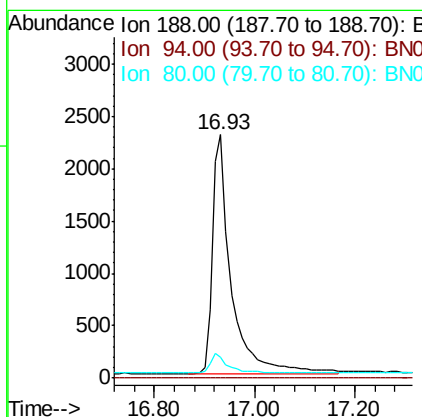
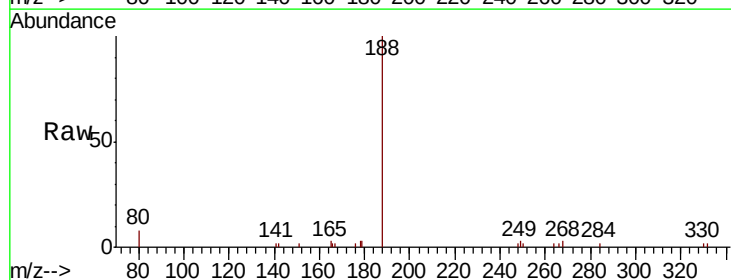
Instrument :
BNA_N
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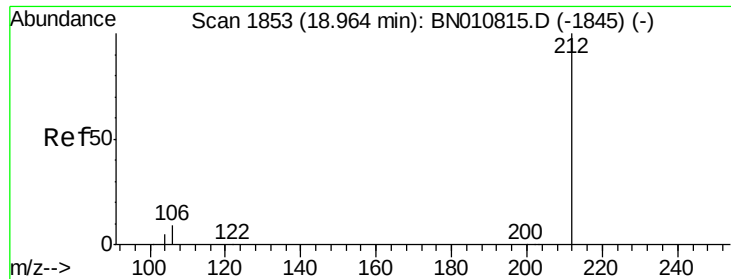
Tot Ion:172 Resp: 7847
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BN010955.D
Acq: 18 Jun 2020 13:51

Tgt Ion:188 Resp: 5912
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 4.5 6.7#

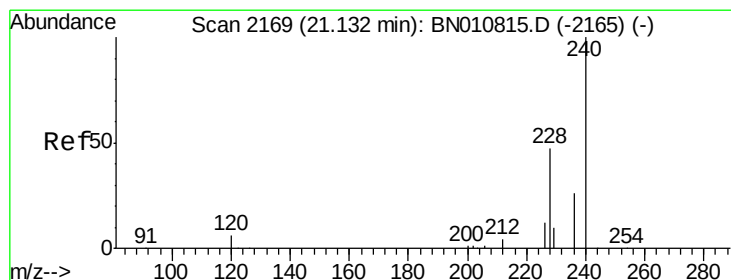
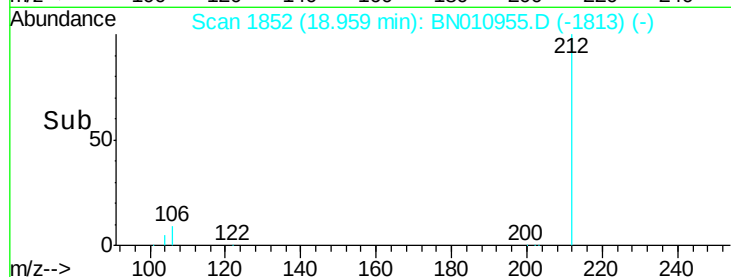
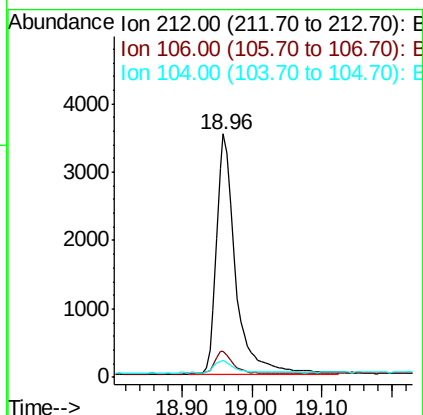
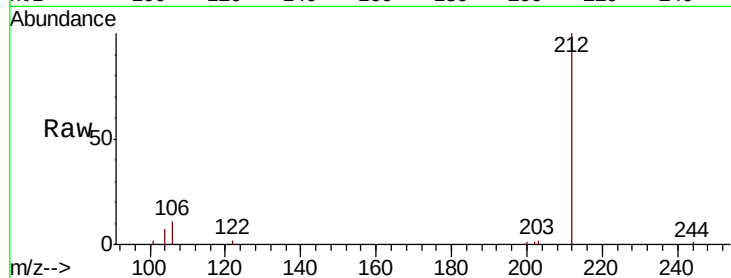




#25
Fluoranthene-d10
Concen: 0.411 ng
RT: 18.96 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BN010955.D
Acq: 18 Jun 2020 13:51

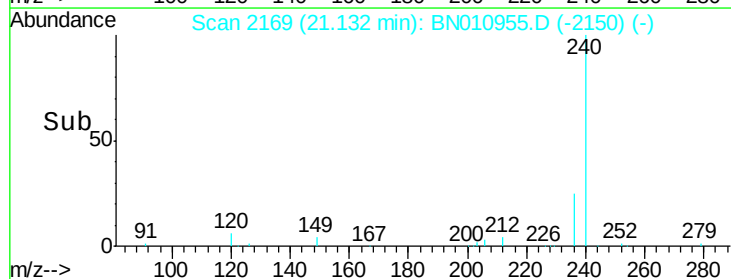
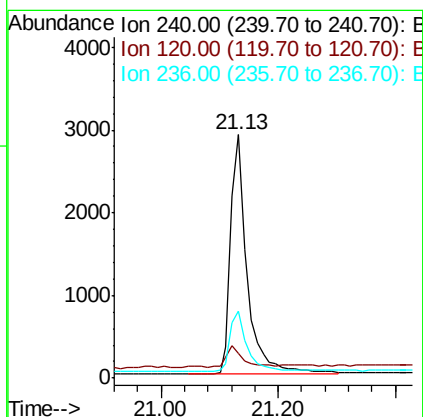
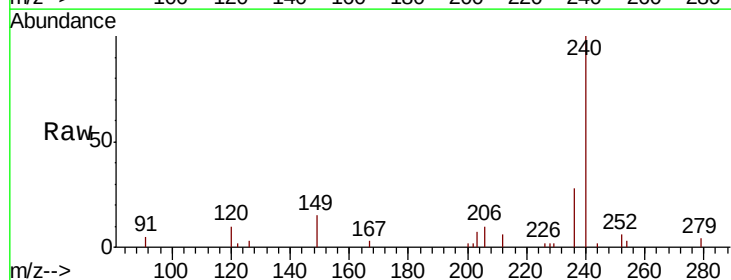
Instrument :
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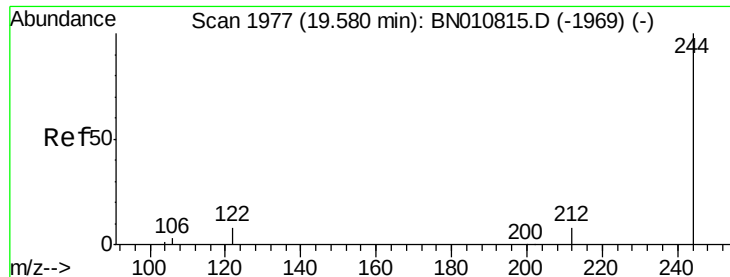
Tot Ion:212 Resp: 6705
Ion Ratio Lower Upper
212 100
106 9.0 6.6 10.0
104 5.3 4.0 6.0



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN010955.D
Acq: 18 Jun 2020 13:51

Tgt Ion:240 Resp: 5644
Ion Ratio Lower Upper
240 100
120 10.1 7.5 11.3
236 27.7 22.3 33.5





#29

Terphenyl-d14

Concen: 0.546 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN010955.D

Acq: 18 Jun 2020 13:51

Instrument :

BNA_N

ClientSampleId :

SP5172

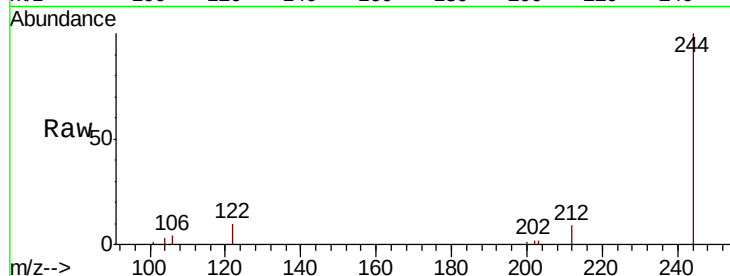
Tot Ion:244 Resp: 7219

Ion Ratio Lower Upper

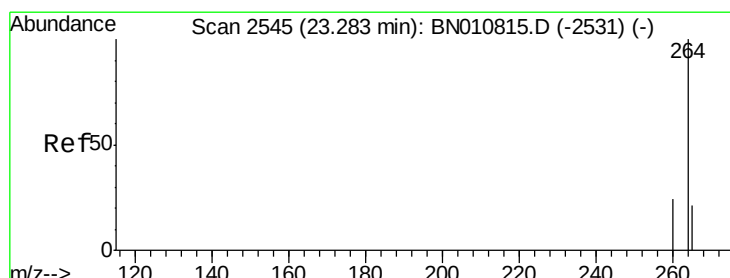
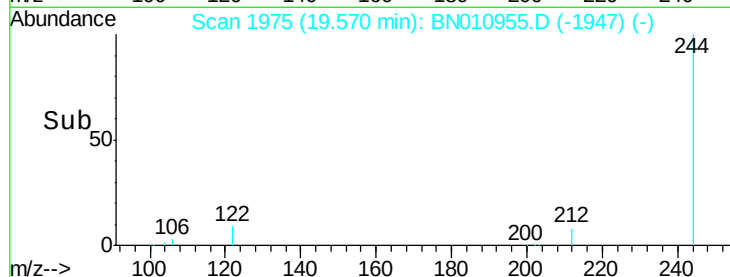
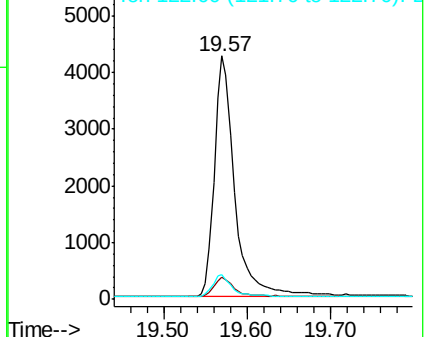
244 100

212 9.2 7.4 11.2

122 10.2 7.5 11.3



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.28 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BN010955.D

Acq: 18 Jun 2020 13:51

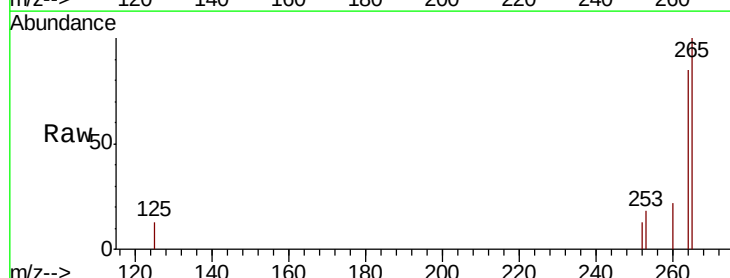
Tgt Ion:264 Resp: 5346

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

265 117.6 75.0 112.4#



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

