

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010873.D
 Acq On : 15 Jun 2020 14:03
 Operator : CG/JU
 Sample : PB129538BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129538BL

Quant Time: Jun 15 14:44:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2761	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	9293	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	4475	0.40	ng	0.01
19) Phenanthrene-d10	16.93	188	8562	0.40	ng	0.01
27) Chrysene-d12	21.13	240	7674	0.40	ng	0.00
34) Perylene-d12	23.28	264	5120	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2506	0.47	ng	0.00
5) Phenol-d6	6.75	99	2555	0.41	ng	0.00
8) Nitrobenzene-d5	8.69	82	2801	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	11.91	152	4874	0.34	ng	0.01
14) 2,4,6-Tribromophenol	15.70	330	528	0.33	ng	0.02
15) 2-Fluorobiphenyl	12.80	172	7664	0.43	ng	0.01
25) Fluoranthene-d10	18.96	212	8481	0.36	ng	0.00
29) Terphenyl-d14	19.57	244	7990	0.44	ng	0.00

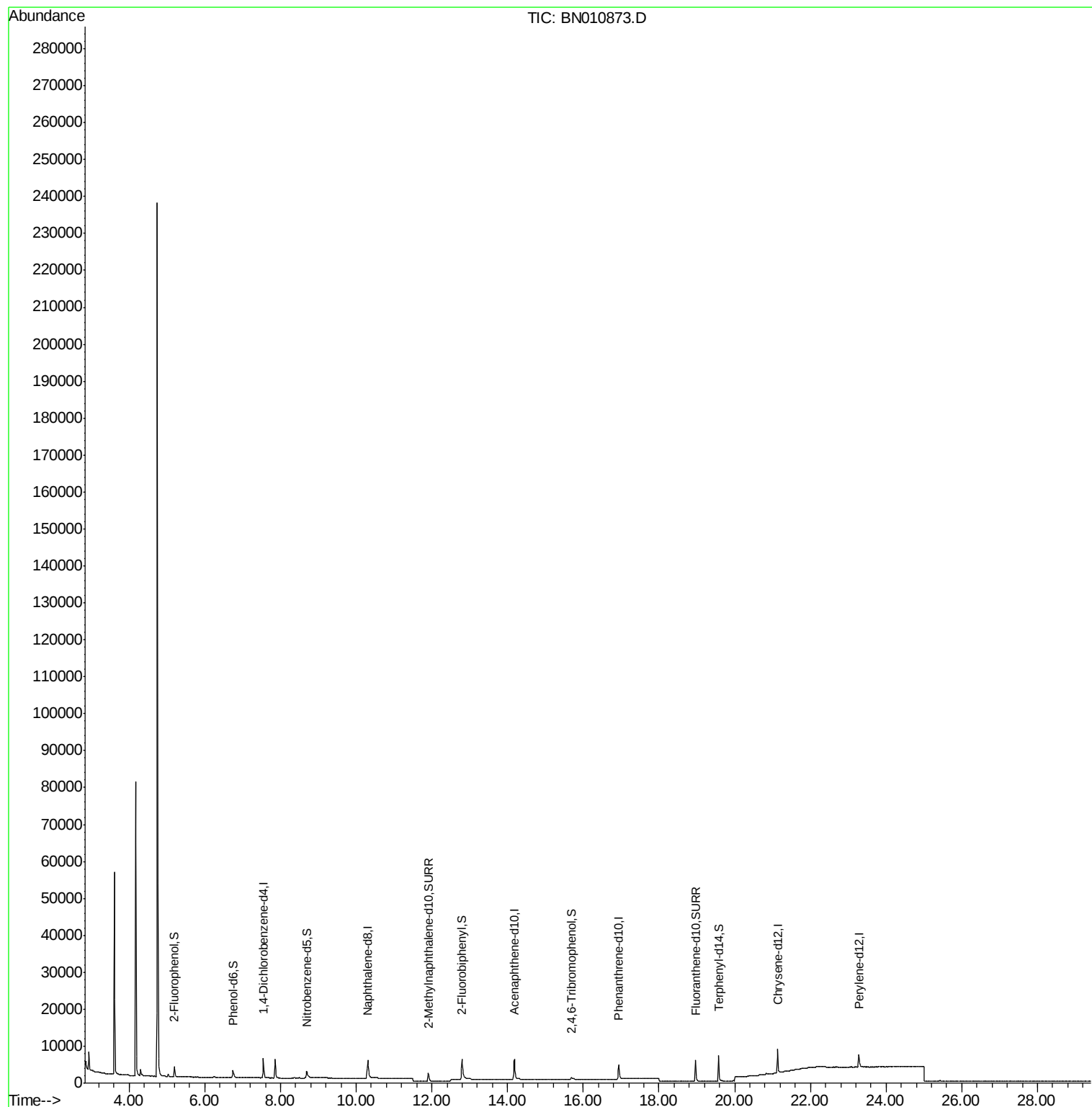
Target Compounds Qvalue

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

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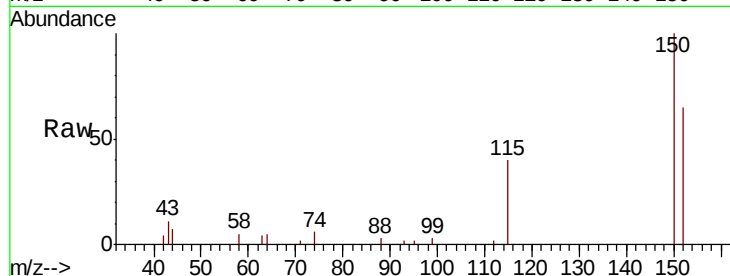


#1

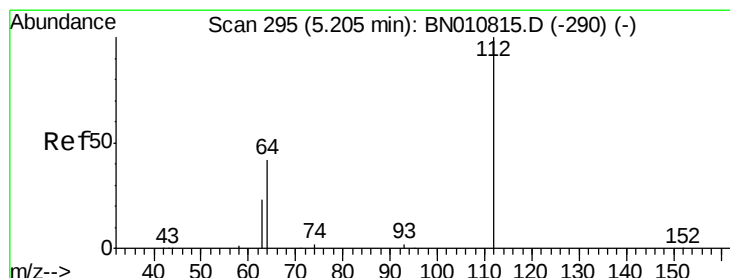
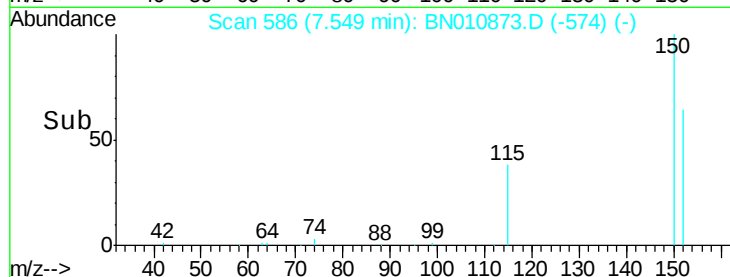
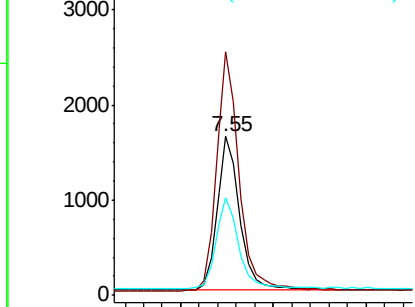
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010873.D
Acq: 15 Jun 2020 14:03

Instrument :
BNA_N
ClientSampleId :
PB129538BL

Tot Ion:152 Resp: 2761
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.6
115 61.5 49.2 73.8



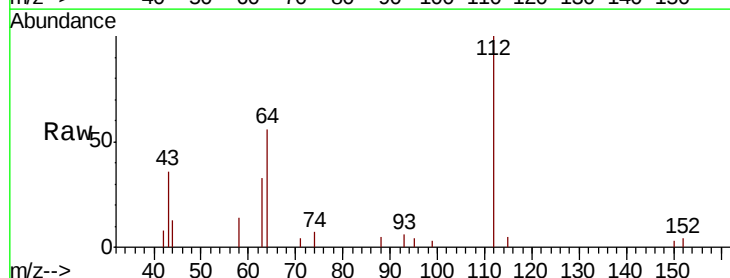
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



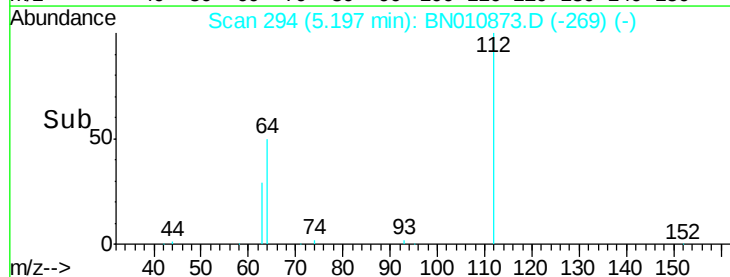
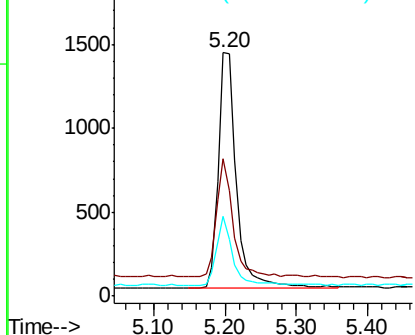
#4

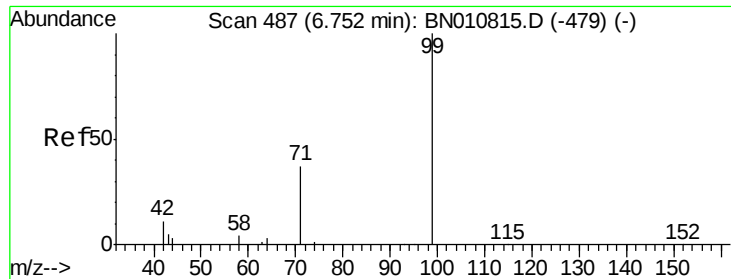
2-Fluorophenol
Concen: 0.470 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN010873.D
Acq: 15 Jun 2020 14:03

Tgt Ion:112 Resp: 2506
Ion Ratio Lower Upper
112 100
64 44.6 37.4 56.0
63 25.4 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: 0.407 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

Instrument :

BNA_N

ClientSampleId :

PB129538BL

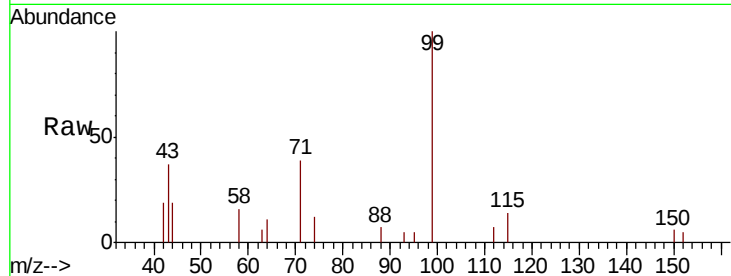
Tot Ion: 99 Resp: 2555

Ion Ratio Lower Upper

99 100

42 12.7 11.1 16.7

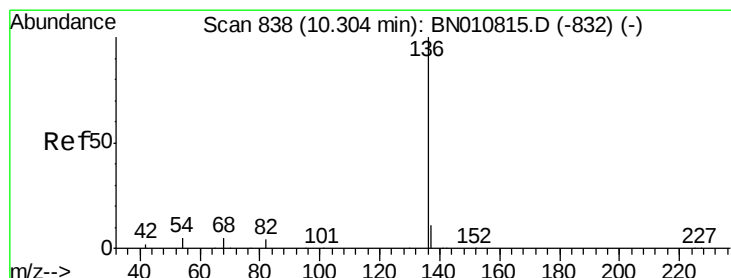
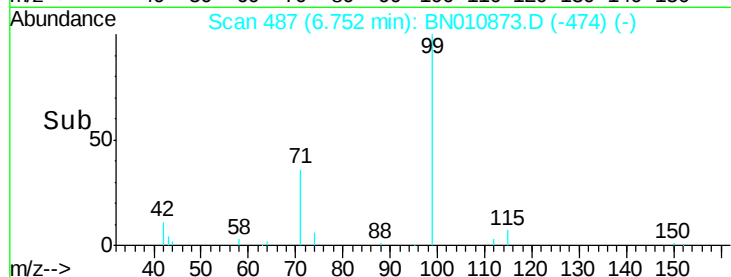
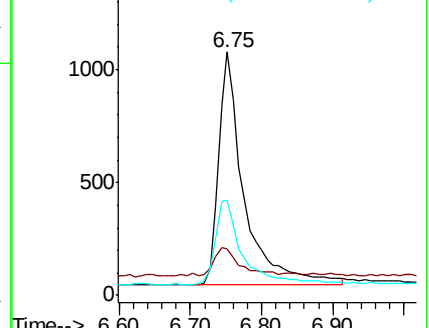
71 37.7 31.4 47.2



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: BN010873.D

Acq: 15 Jun 2020 14:03

Tgt Ion: 136 Resp: 9293

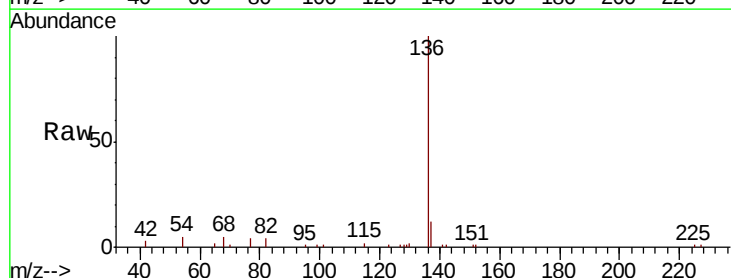
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 4.8 4.9 7.3#

68 5.4 4.7 7.1

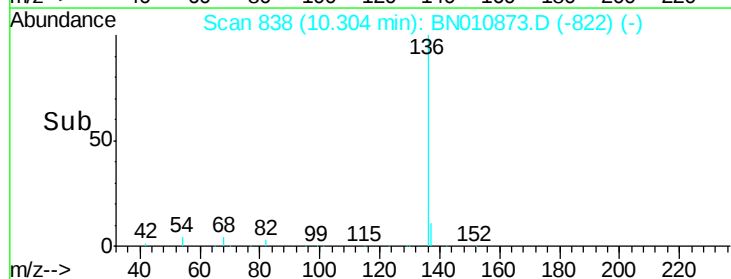
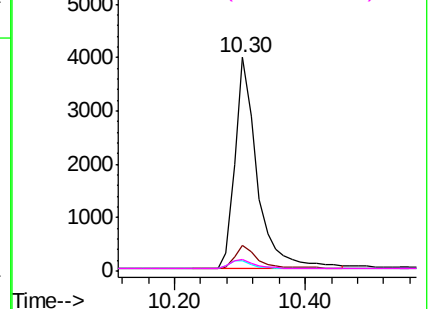


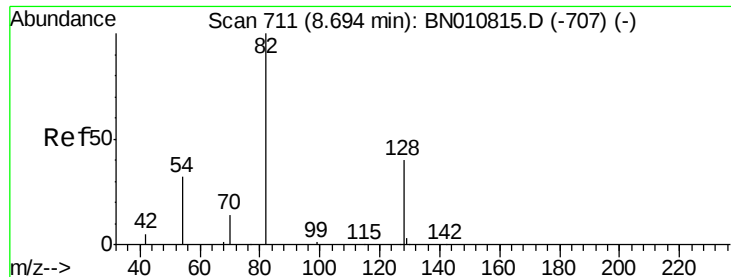
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

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) (-)

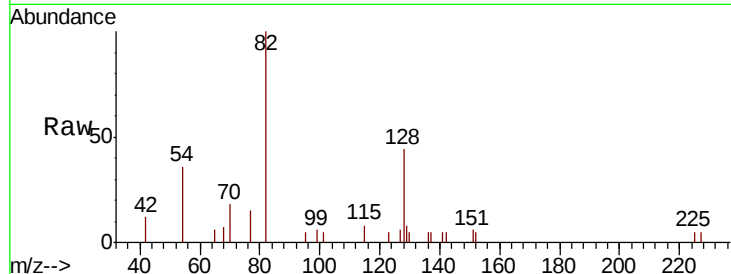




#8
 Nitrobenzene-d5
 Concen: 0.407 ng
 RT: 8.69 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: BN010873.D
 Acq: 15 Jun 2020 14:03

Instrument :
 BNA_N
 ClientSampleId :
 PB129538BL

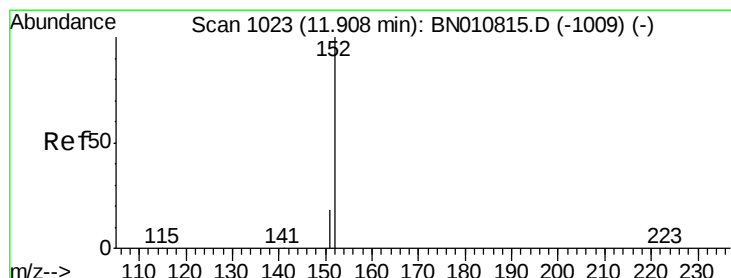
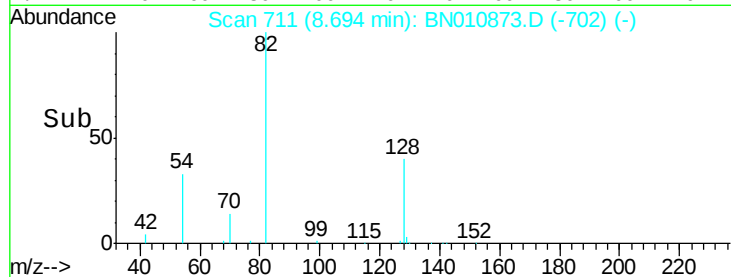
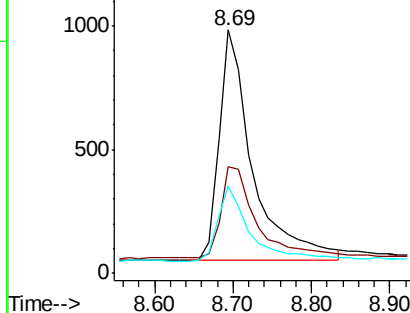
Tot Ion	82	Resp	2801
Ion Ratio	Lower	Upper	
82	100		
128	43.6	35.4	53.0
54	35.9	28.2	42.4



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

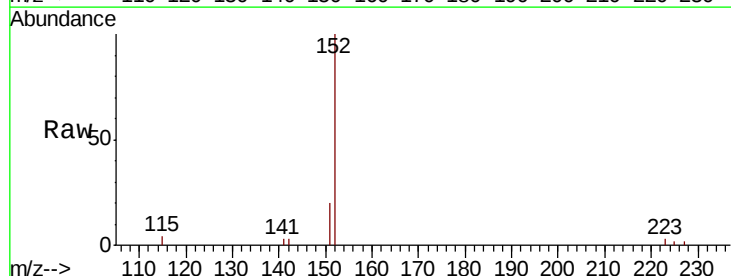
Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

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



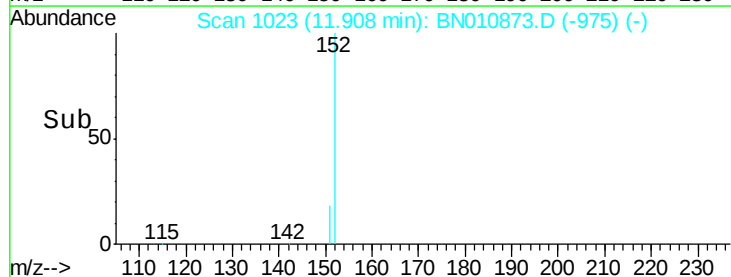
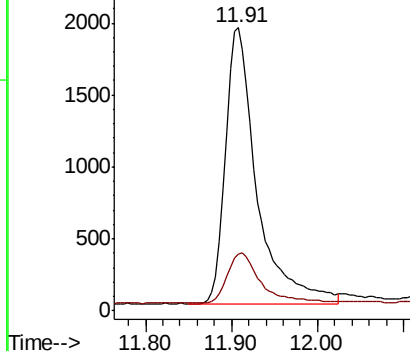
#11
 2-Methylnaphthalene-d10
 Concen: 0.338 ng
 RT: 11.91 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BN010873.D
 Acq: 15 Jun 2020 14:03

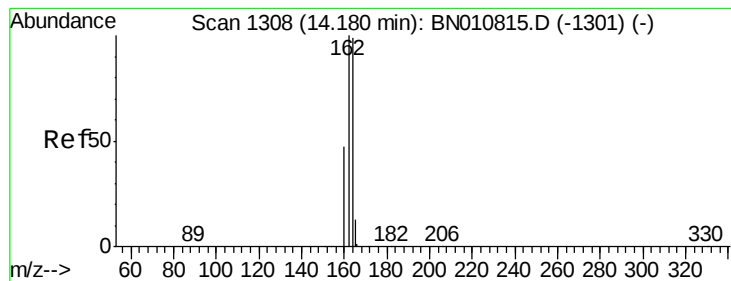
Tgt Ion	152	Resp	4874
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.3	22.9



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

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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

Instrument :

BNA_N

ClientSampleId :

PB129538BL

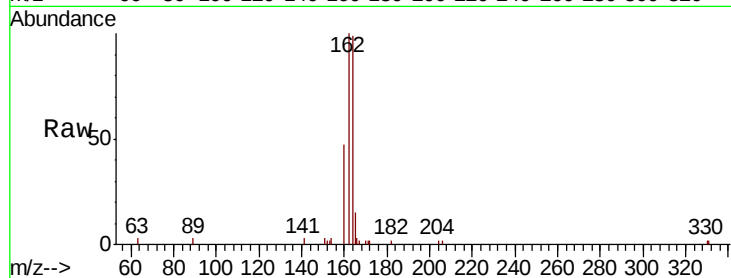
Tot Ion:164 Resp: 4475

Ion Ratio Lower Upper

164 100

162 101.2 81.0 121.6

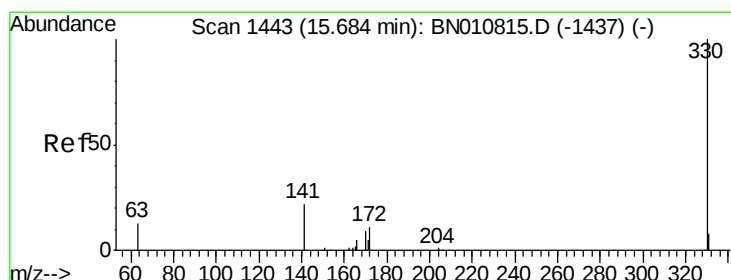
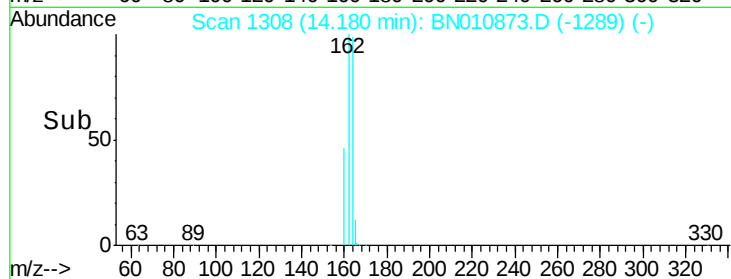
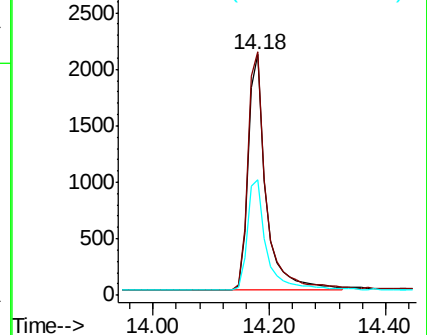
160 48.0 38.9 58.3



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



#14

2,4,6-Tribromophenol

Concen: 0.330 ng

RT: 15.70 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

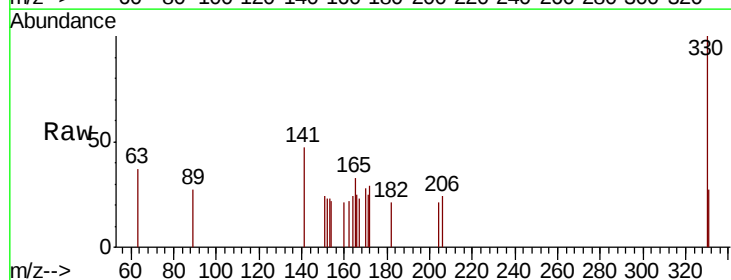
Tgt Ion:330 Resp: 528

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

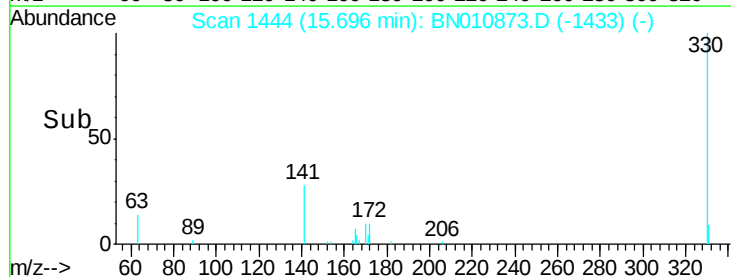
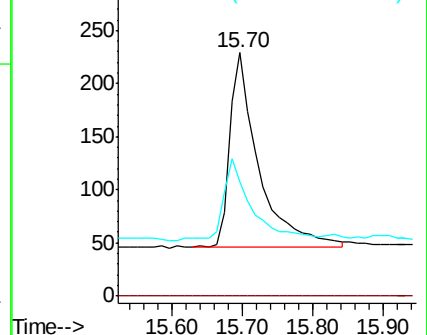
141 41.9 33.2 49.8

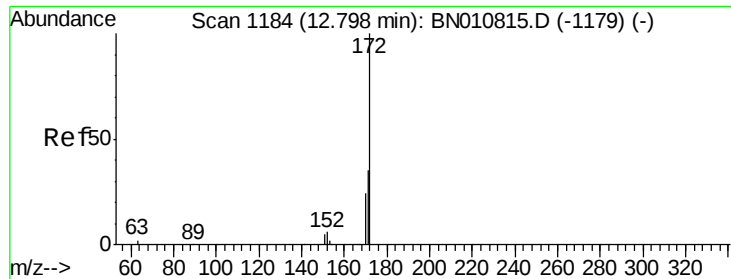


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

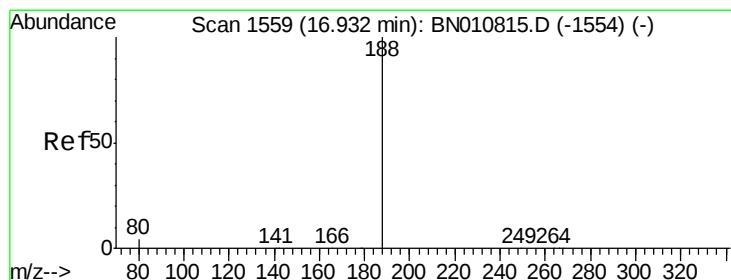
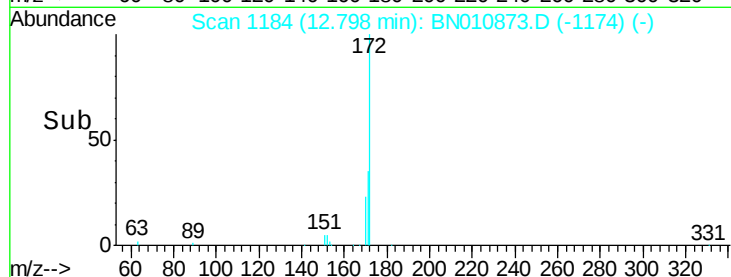
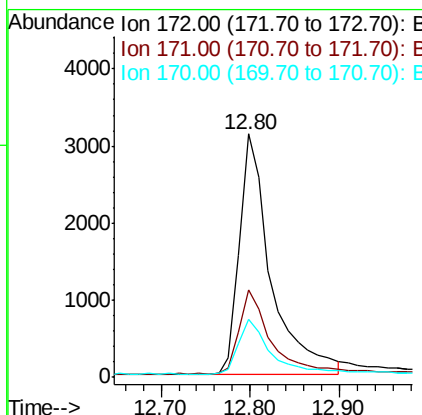
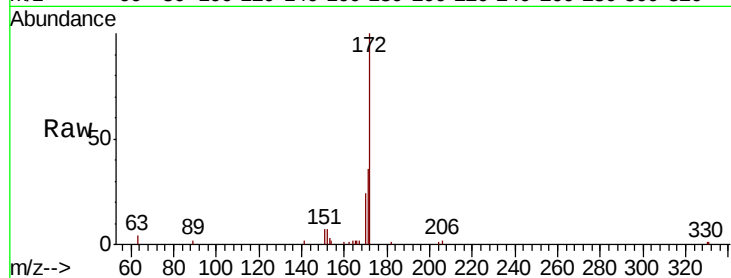




#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BN010873.D
Acq: 15 Jun 2020 14:03

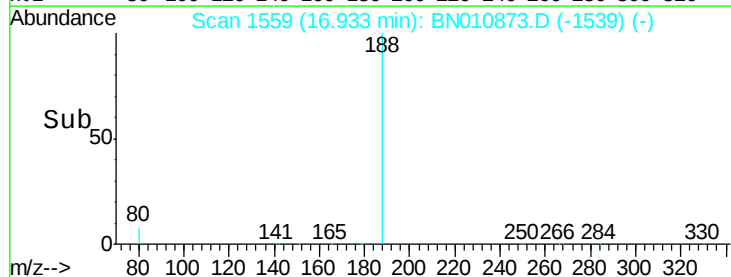
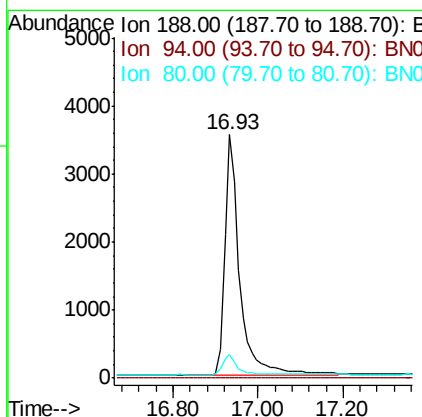
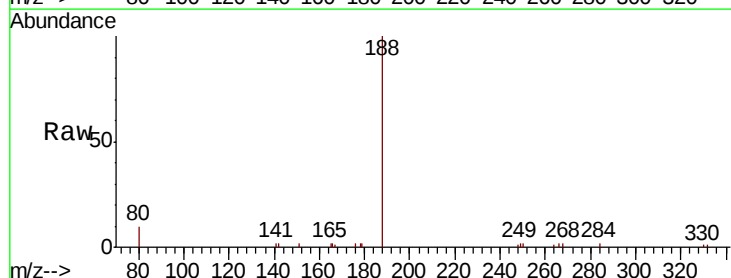
Instrument :
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ClientSampleId :
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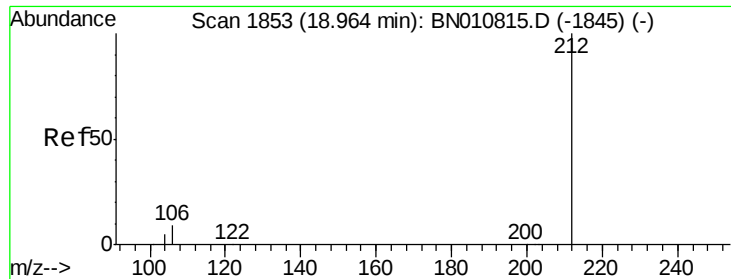
Tot Ion:172 Resp: 7664
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.0 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BN010873.D
Acq: 15 Jun 2020 14:03

Tgt Ion:188 Resp: 8562
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

Instrument :

BNA_N

ClientSampleId :

PB129538BL

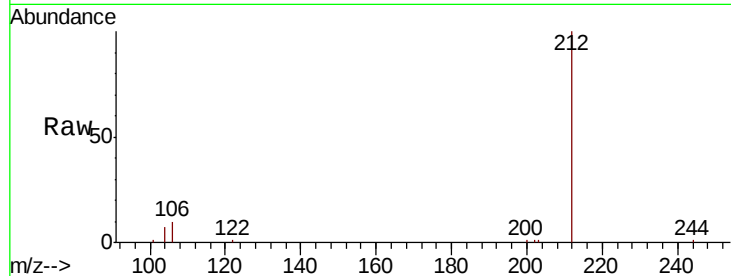
Tot Ion:212 Resp: 8481

Ion Ratio Lower Upper

212 100

106 9.5 6.6 10.0

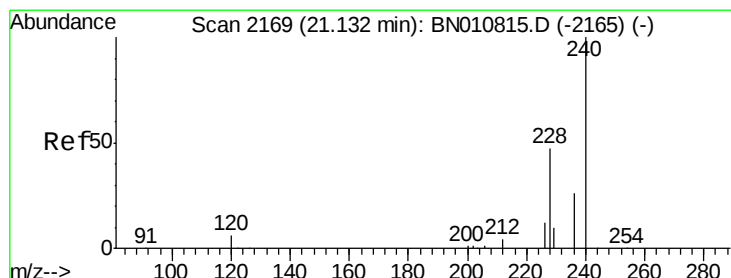
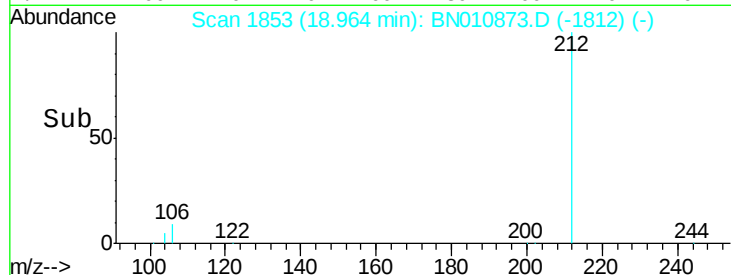
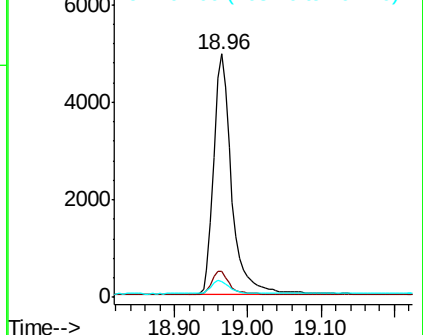
104 5.4 4.0 6.0



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: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

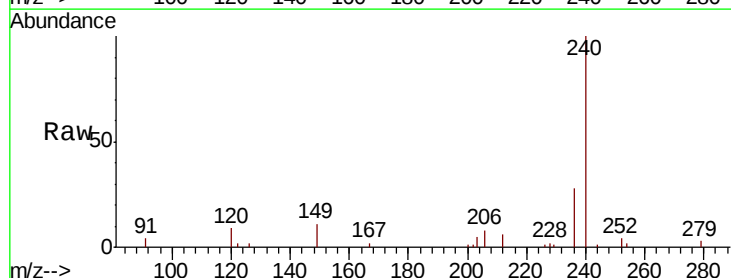
Tgt Ion:240 Resp: 7674

Ion Ratio Lower Upper

240 100

120 9.4 7.5 11.3

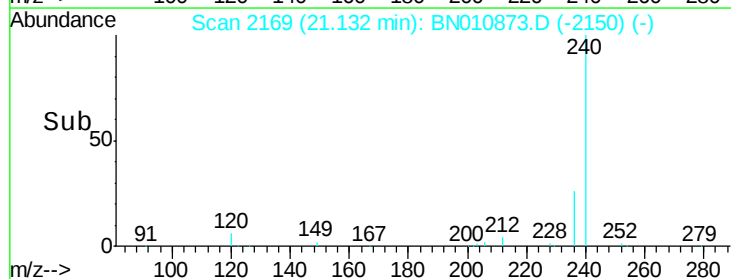
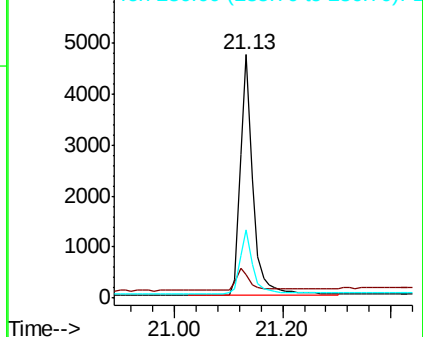
236 27.8 22.3 33.5

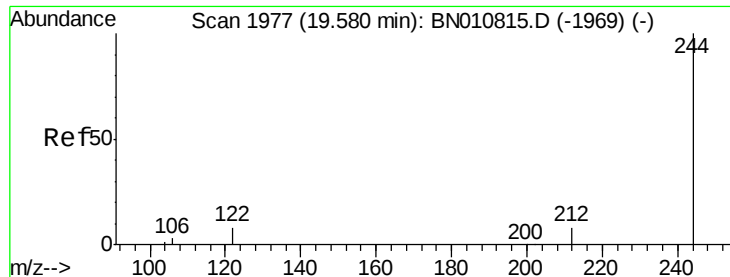


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.445 ng

RT: 19.57 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

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PB129538BL

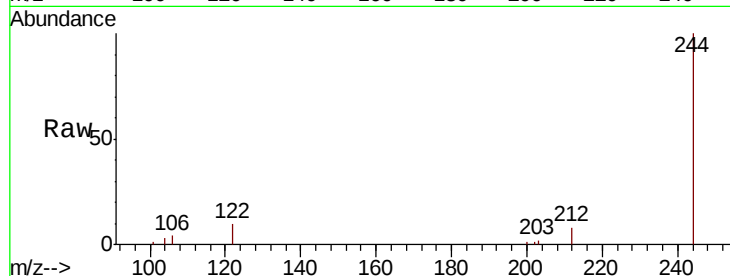
Tot Ion:244 Resp: 7990

Ion Ratio Lower Upper

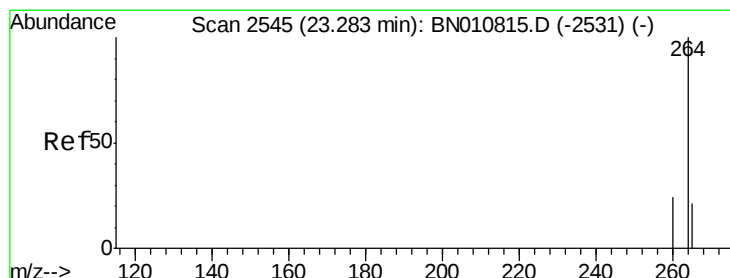
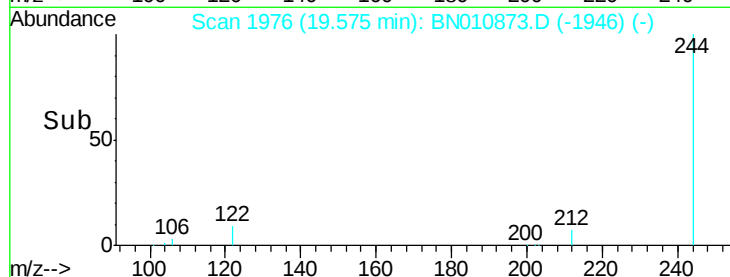
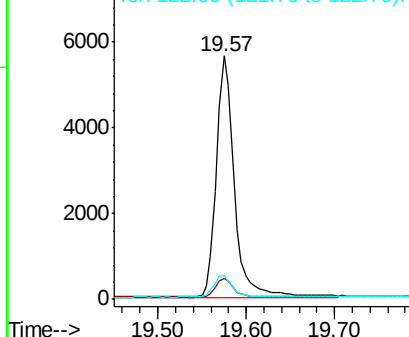
244 100

212 8.4 7.4 11.2

122 9.8 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# 2544

Delta R.T. 0.00 min

Lab File: BN010873.D

Acq: 15 Jun 2020 14:03

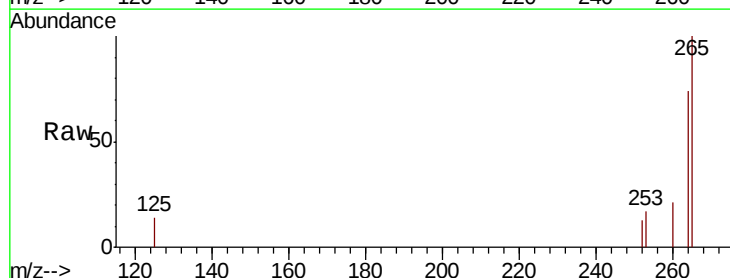
Tgt Ion:264 Resp: 5120

Ion Ratio Lower Upper

264 100

260 27.7 20.4 30.6

265 134.5 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

