

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061720\
 Data File : BN010943.D
 Acq On : 17 Jun 2020 16:35
 Operator : CG/JU
 Sample : PB129592BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129592BL

Quant Time: Jun 17 17:09:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 13:14:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2728	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	9049	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	4219	0.40	ng	0.01
19) Phenanthrene-d10	16.92	188	7579	0.40	ng	0.01
27) Chrysene-d12	21.12	240	6221	0.40	ng	0.00
34) Perylene-d12	23.27	264	4674	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2277	0.43	ng	0.00
5) Phenol-d6	6.74	99	2144	0.35	ng	0.00
8) Nitrobenzene-d5	8.69	82	2537	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	11.90	152	4345	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	462	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.80	172	6947	0.42	ng	0.01
25) Fluoranthene-d10	18.96	212	7171	0.34	ng	0.00
29) Terphenyl-d14	19.57	244	6739	0.46	ng	0.00

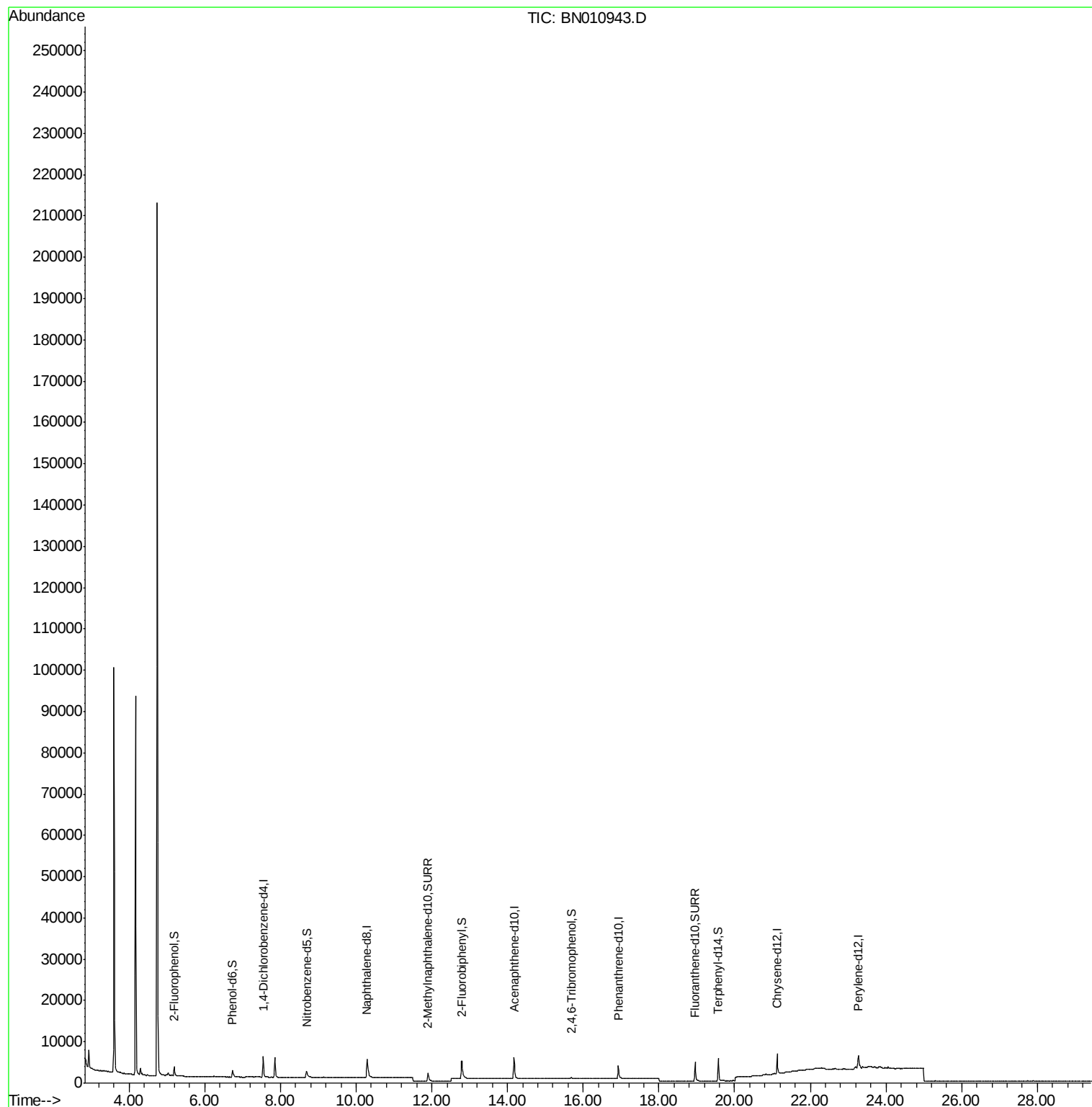
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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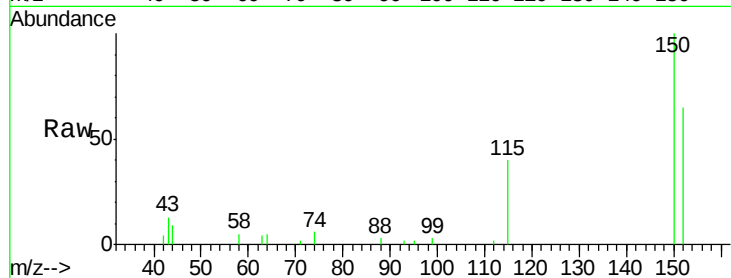


#1

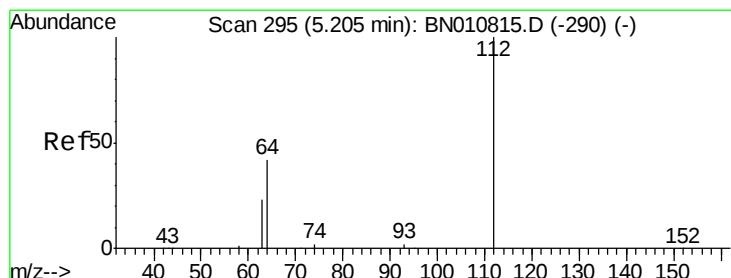
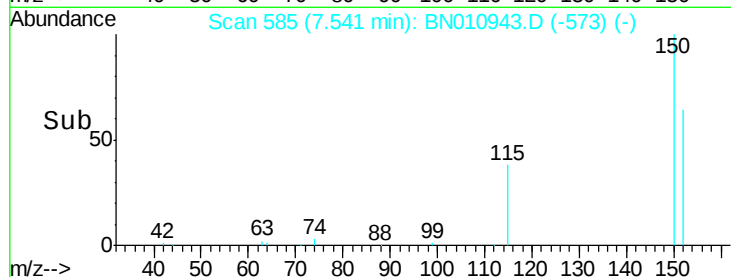
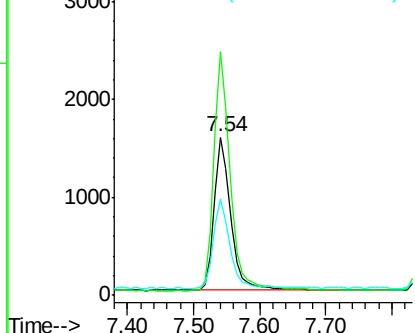
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. 0.00 min
Lab File: BN010943.D
Acq: 17 Jun 2020 16:35

Instrument :
BNA_N
ClientSampleId :
PB129592BL

Tot Ion:152 Resp: 2728
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 61.2 49.2 73.8



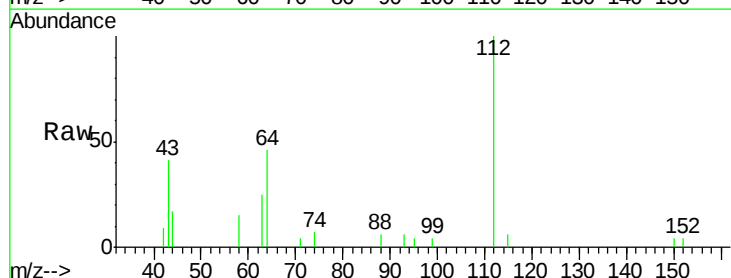
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



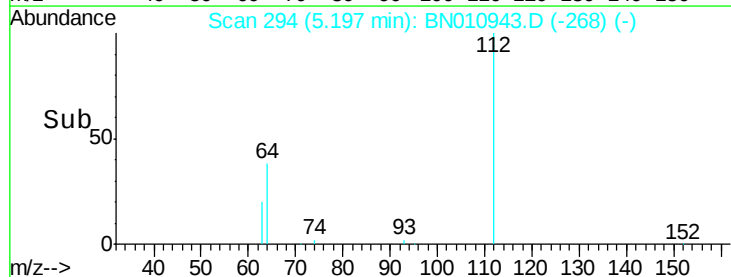
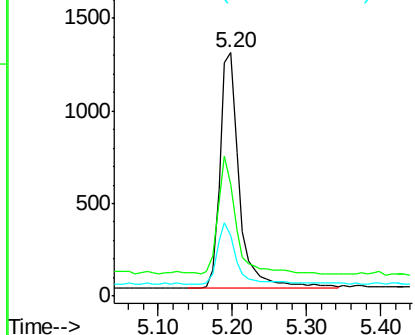
#4

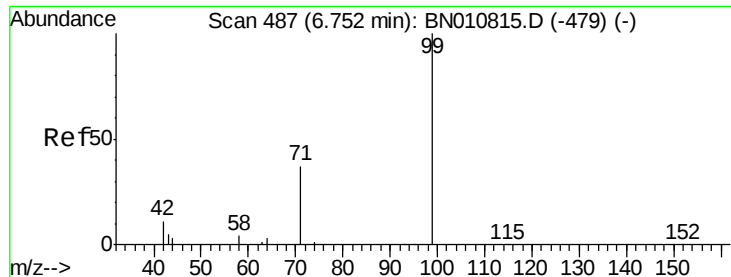
2-Fluorophenol
Concen: 0.432 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.01 min
Lab File: BN010943.D
Acq: 17 Jun 2020 16:35

Tgt Ion:112 Resp: 2277
Ion Ratio Lower Upper
112 100
64 46.2 37.4 56.0
63 25.1 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: 0.346 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.01 min

Lab File: BN010943.D

Acq: 17 Jun 2020 16:35

Instrument :

BNA_N

ClientSampled :

PB129592BL

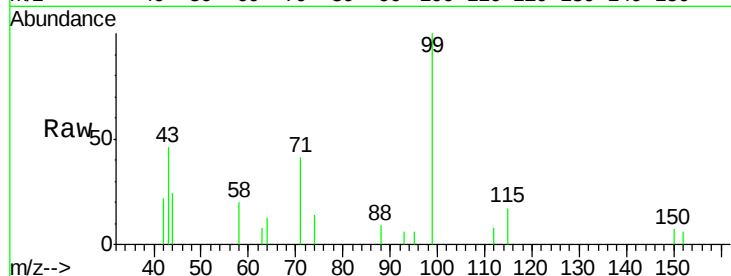
Tot Ion: 99 Resp: 2144

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

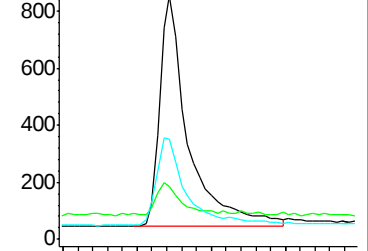
71 40.3 31.4 47.2



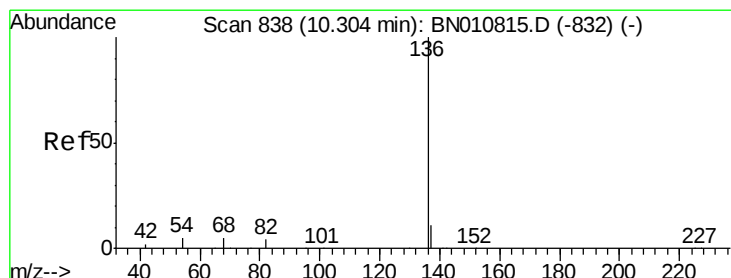
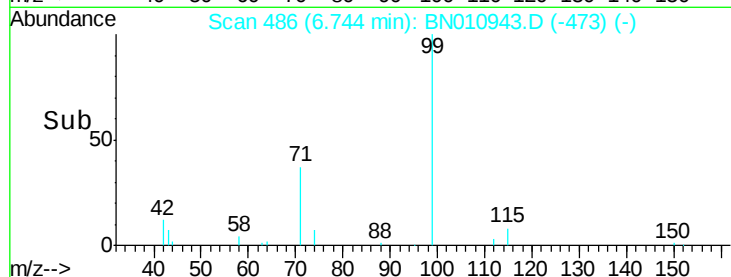
Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

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

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



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN010943.D

Acq: 17 Jun 2020 16:35

Tgt Ion: 136 Resp: 9049

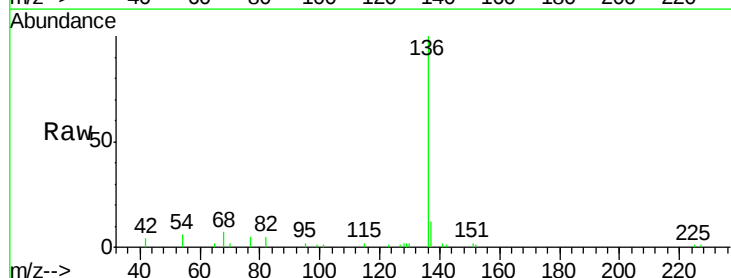
Ion Ratio Lower Upper

136 100

137 12.3 9.7 14.5

54 6.1 4.9 7.3

68 6.9 4.7 7.1

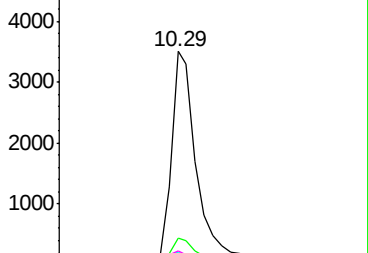


Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

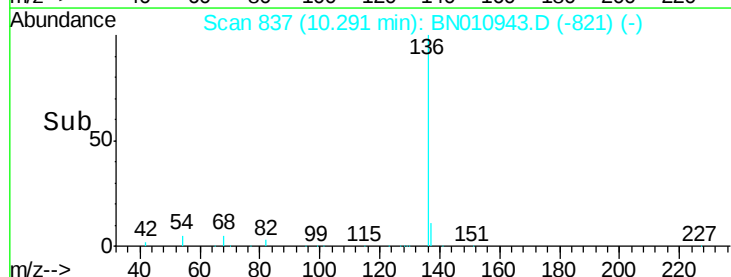
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

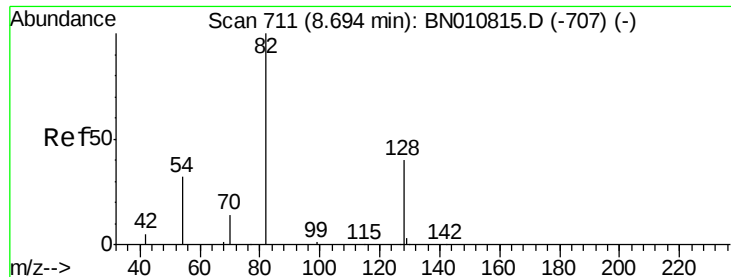
Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

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



Time-->

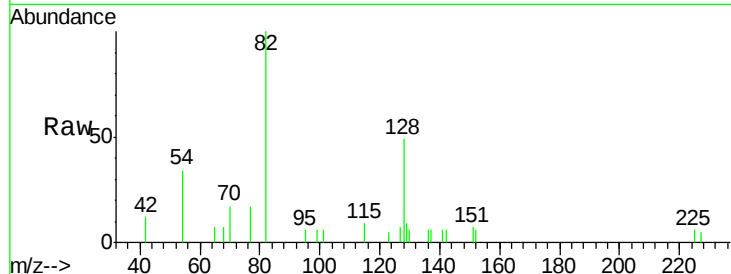




#8
 Nitrobenzene-d5
 Concen: 0.379 ng
 RT: 8.69 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: BN010943.D
 Acq: 17 Jun 2020 16:35

Instrument :
 BNA_N
 ClientSampleId :
 PB129592BL

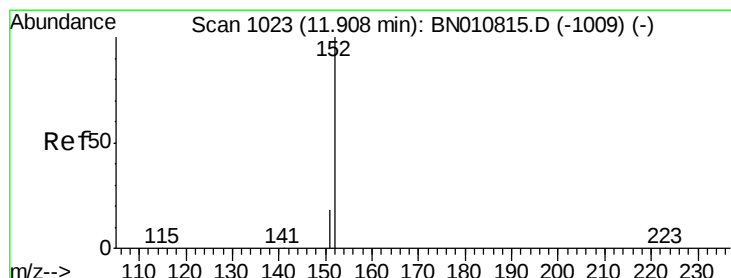
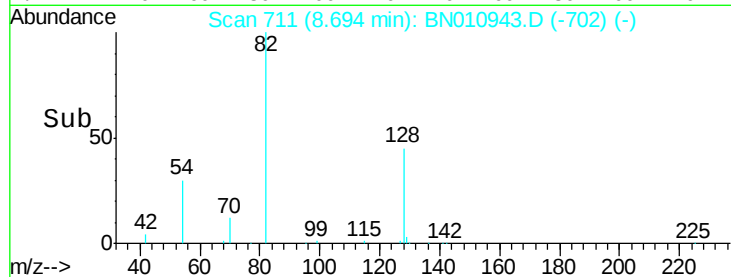
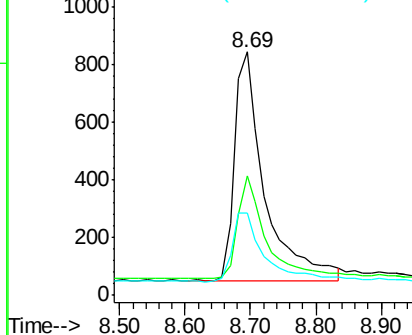
Tot Ion	82.00	Resp:	2537
Ion	Ratio	Lower	Upper
82	100		
128	49.1	35.4	53.0
54	33.9	28.2	42.4



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

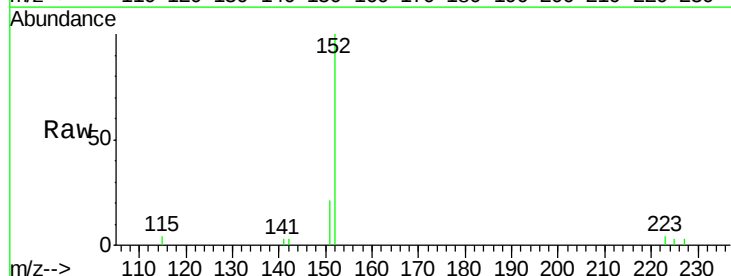
Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

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



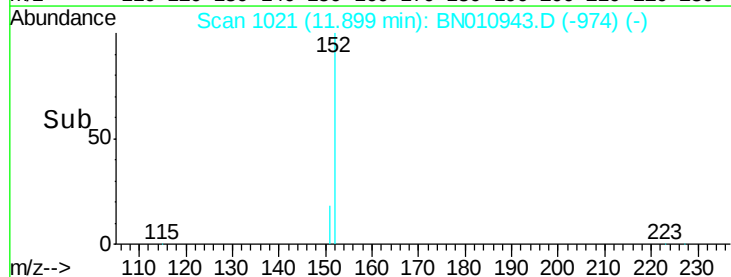
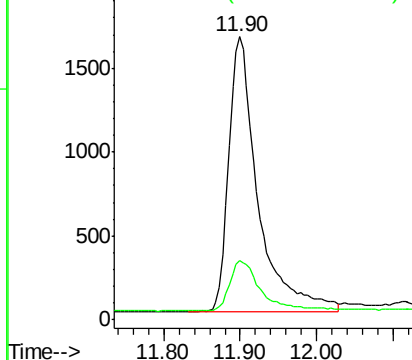
#11
 2-Methylnaphthalene-d10
 Concen: 0.310 ng
 RT: 11.90 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BN010943.D
 Acq: 17 Jun 2020 16:35

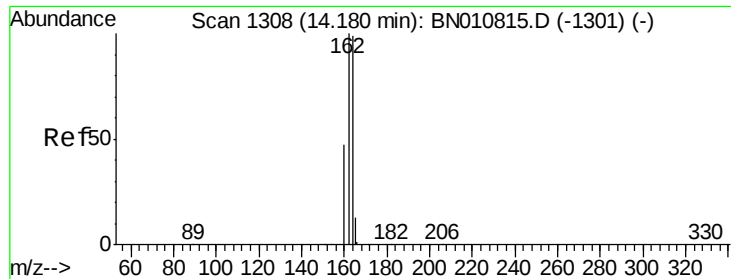
Tgt Ion	152.00	Resp:	4345
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.3	22.9



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: 14.17 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BN010943.D

Acq: 17 Jun 2020 16:35

Instrument :

BNA_N

ClientSampleId :

PB129592BL

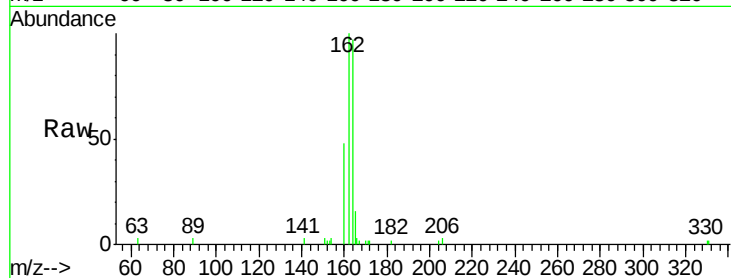
Tot Ion:164 Resp: 4219

Ion Ratio Lower Upper

164 100

162 103.3 81.0 121.6

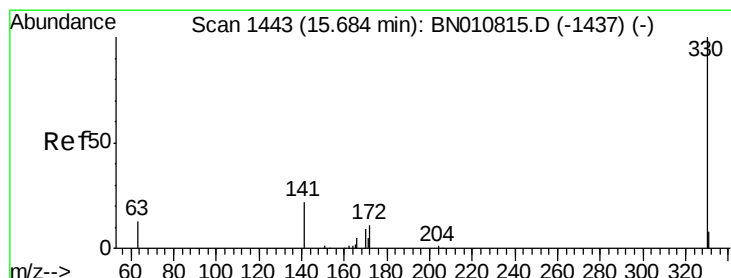
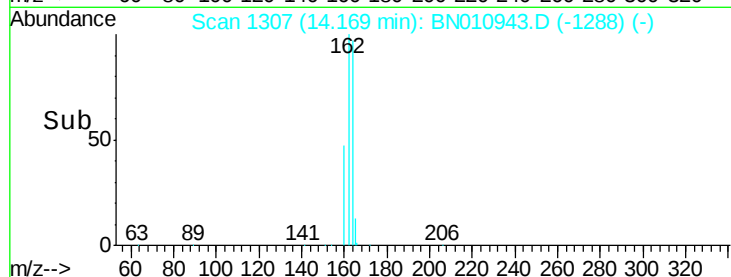
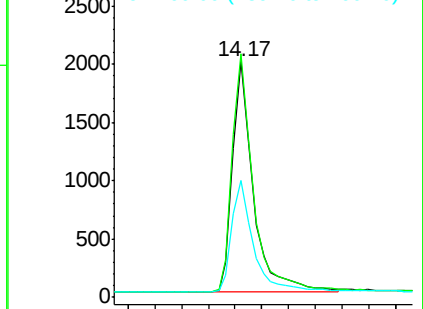
160 49.5 38.9 58.3



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: 0.306 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BN010943.D

Acq: 17 Jun 2020 16:35

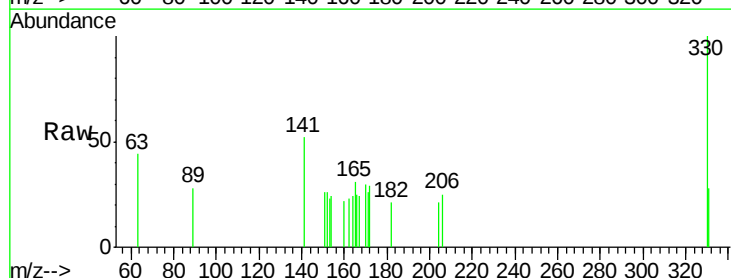
Tgt Ion:330 Resp: 462

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

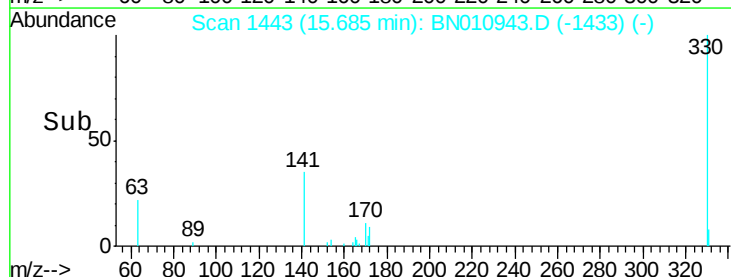
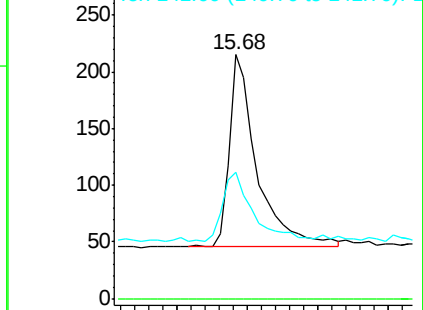
141 40.9 33.2 49.8

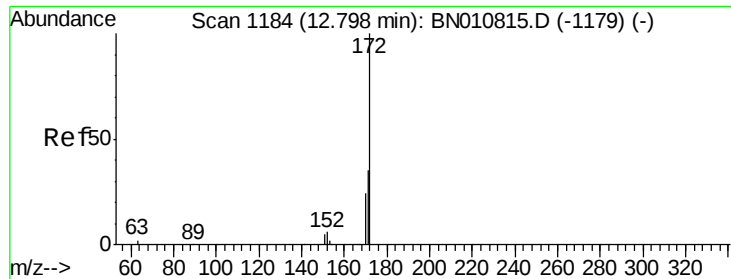


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

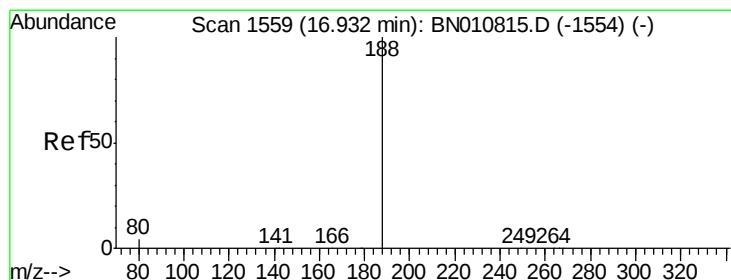
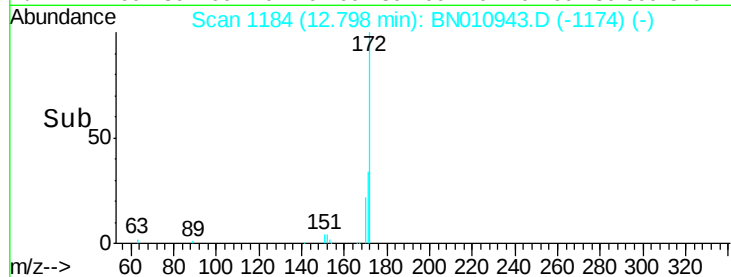
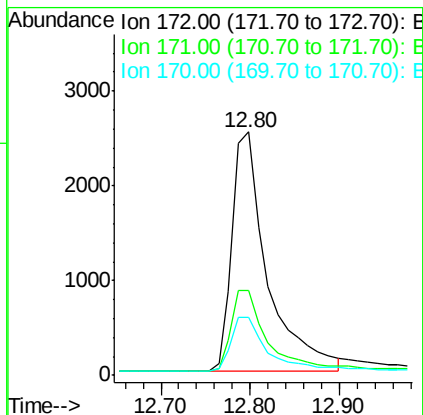
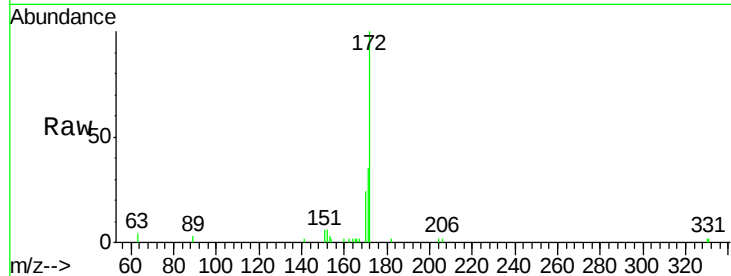




#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BN010943.D
Acq: 17 Jun 2020 16:35

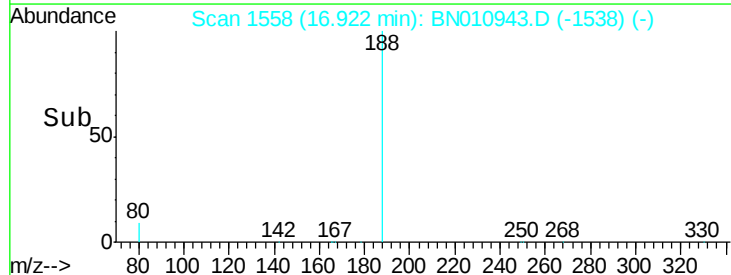
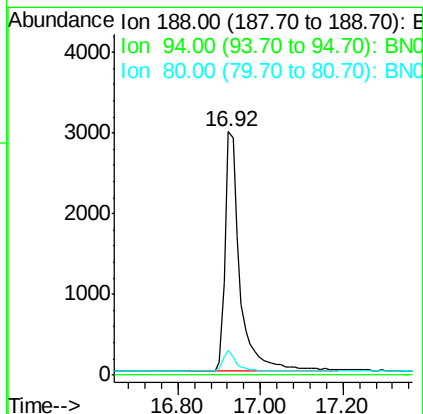
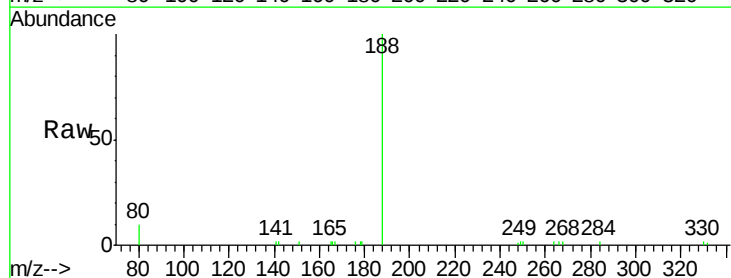
Instrument :
BNA_N
ClientSampleId :
PB129592BL

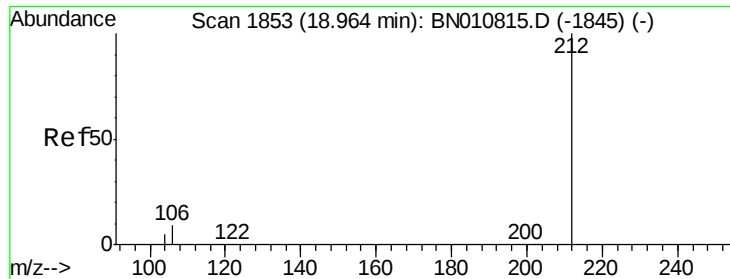
Tot Ion:172 Resp: 6947
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.6 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BN010943.D
Acq: 17 Jun 2020 16:35

Tgt Ion:188 Resp: 7579
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 18.96 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BN010943.D

Acq: 17 Jun 2020 16:35

Instrument :

BNA_N

ClientSampleId :

PB129592BL

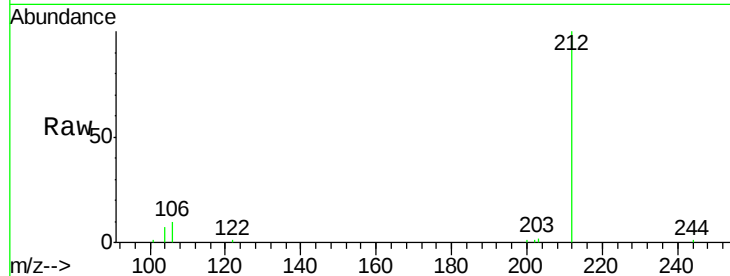
Tot Ion:212 Resp: 7171

Ion Ratio Lower Upper

212 100

106 9.3 6.6 10.0

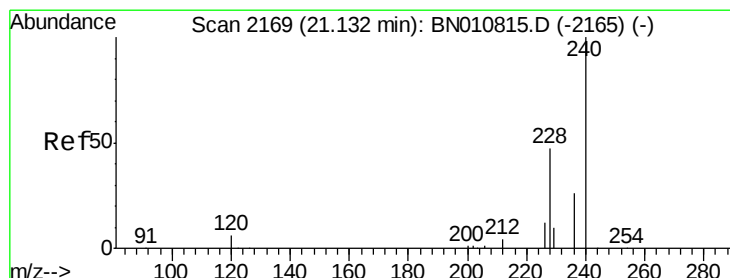
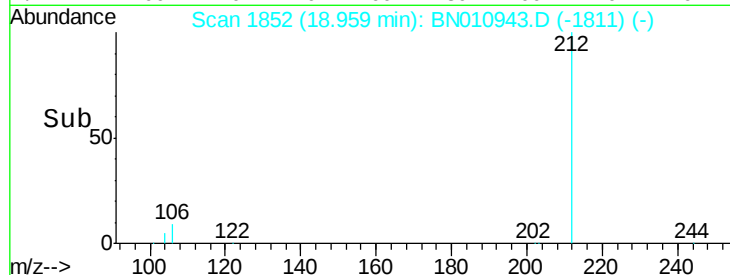
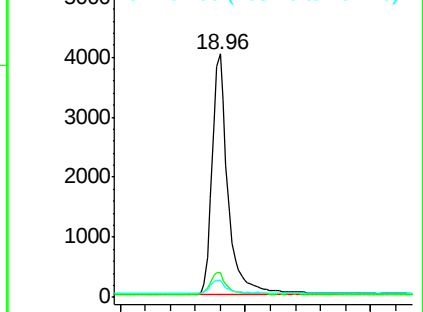
104 5.1 4.0 6.0



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: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010943.D

Acq: 17 Jun 2020 16:35

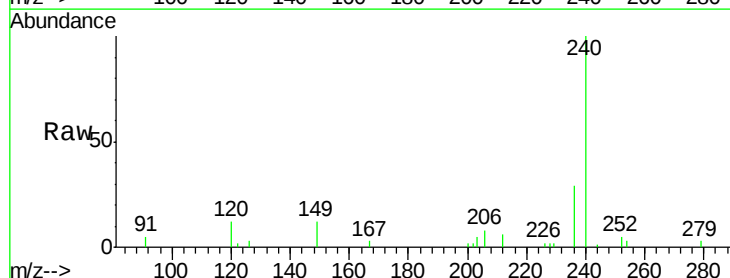
Tgt Ion:240 Resp: 6221

Ion Ratio Lower Upper

240 100

120 12.1 7.5 11.3#

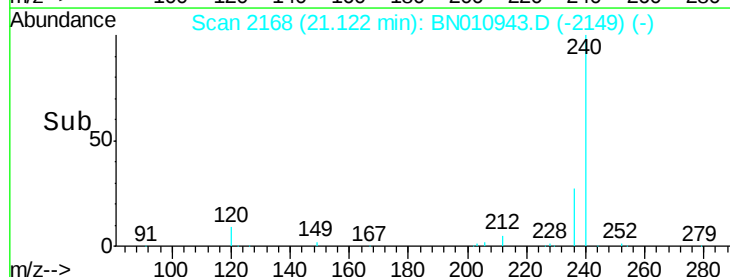
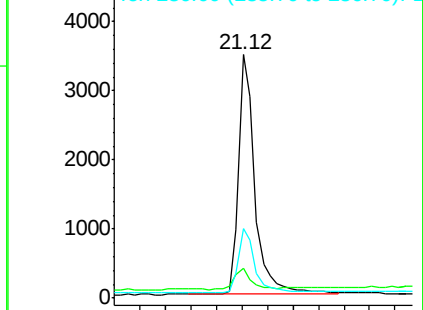
236 28.8 22.3 33.5

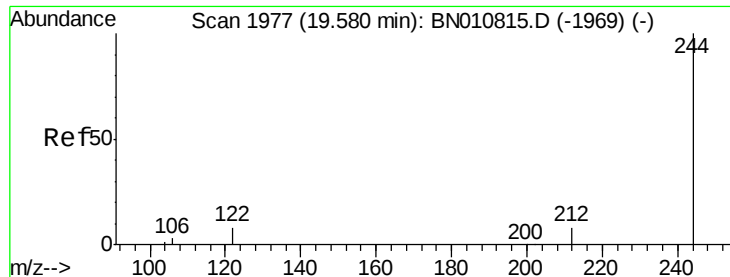


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.463 ng

RT: 19.57 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BN010943.D

Acq: 17 Jun 2020 16:35

Instrument :

BNA_N

ClientSampleId :

PB129592BL

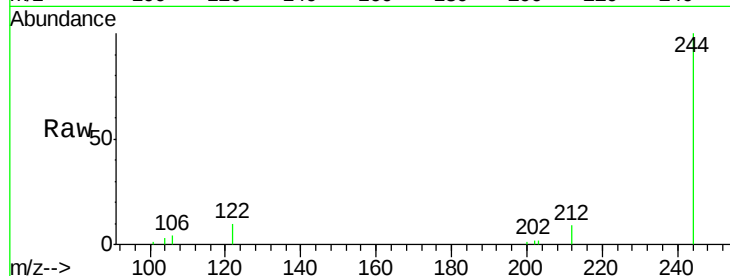
Tot Ion:244 Resp: 6739

Ion Ratio Lower Upper

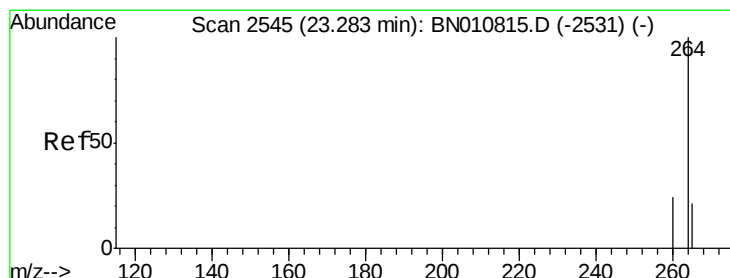
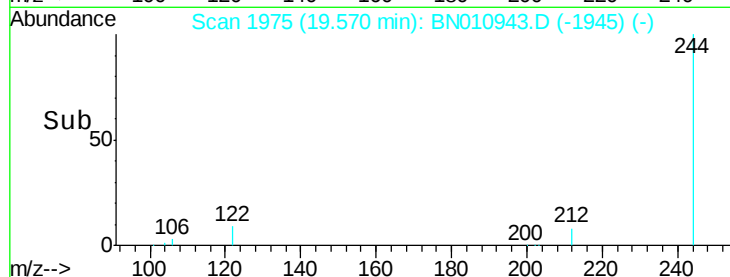
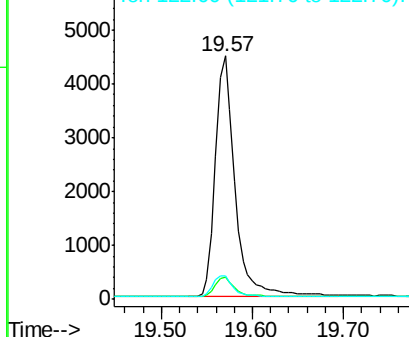
244 100

212 9.1 7.4 11.2

122 9.6 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: 23.27 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BN010943.D

Acq: 17 Jun 2020 16:35

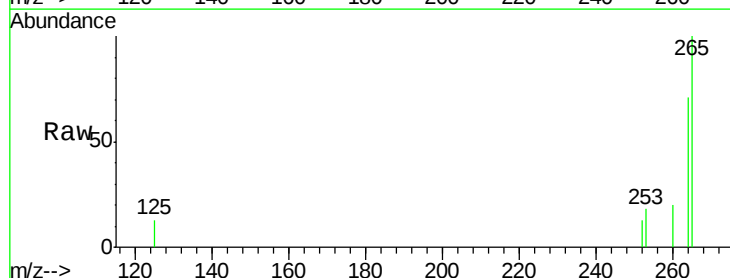
Tgt Ion:264 Resp: 4674

Ion Ratio Lower Upper

264 100

260 27.6 20.4 30.6

265 141.0 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

