

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010841.D
 Acq On : 12 Jun 2020 09:51
 Operator : CG/JU
 Sample : PB129499BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129499BL

Quant Time: Jun 12 11:15:46 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	7.56	152	2602	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	8882	0.40	ng	0.01
13) Acenaphthene-d10	14.19	164	4505	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	9890	0.40	ng	0.02
27) Chrysene-d12	21.13	240	9955	0.40	ng	0.00
34) Perylene-d12	23.29	264	7997	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	2521	0.50	ng	0.00
5) Phenol-d6	6.76	99	2486	0.42	ng	0.00
8) Nitrobenzene-d5	8.71	82	2706	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	11.91	152	4889	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.70	330	633	0.39	ng	0.02
15) 2-Fluorobiphenyl	12.80	172	7181	0.40	ng	0.00
25) Fluoranthene-d10	18.97	212	10759	0.39	ng	0.00
29) Terphenyl-d14	19.58	244	10120	0.43	ng	0.00

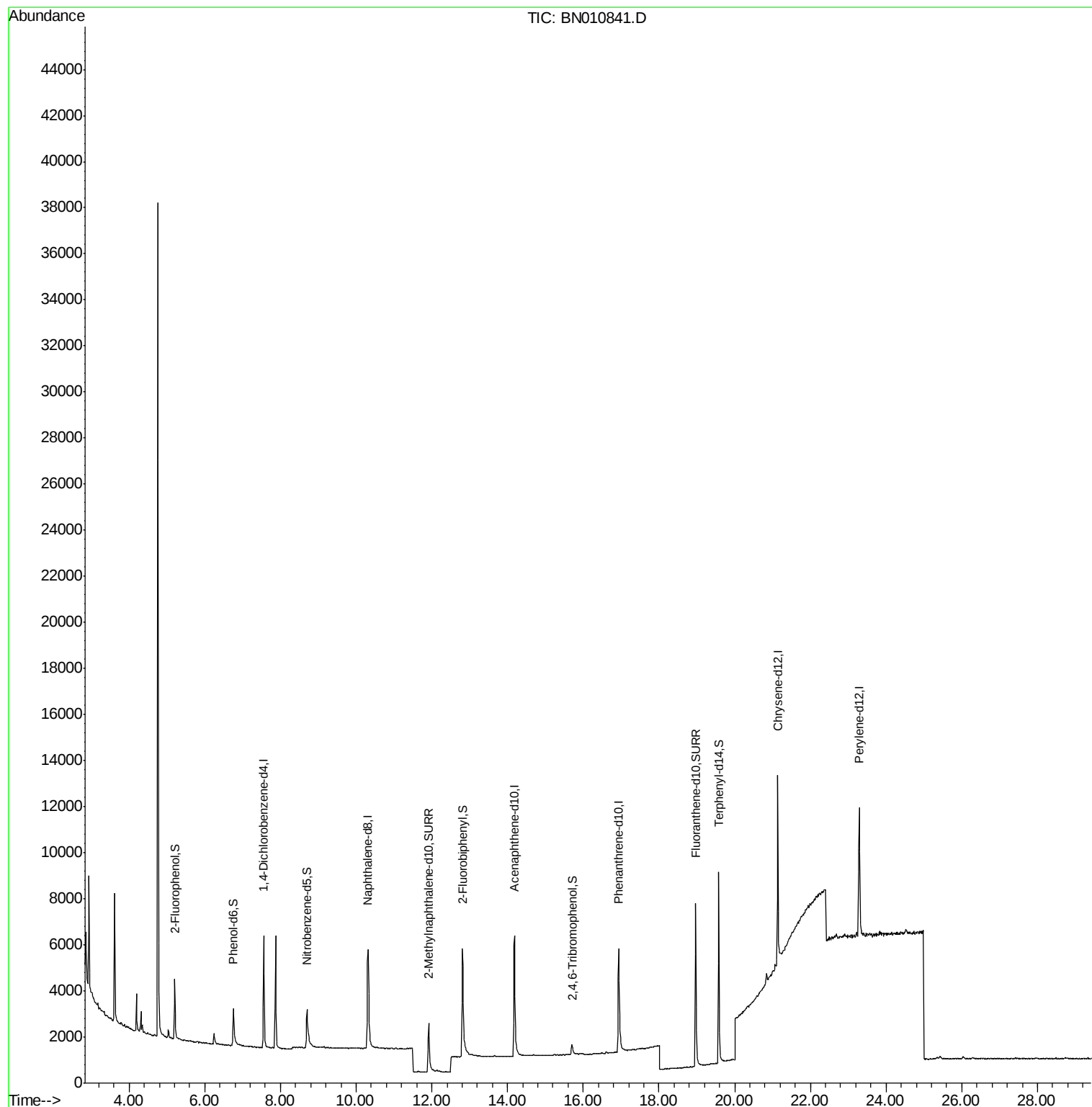
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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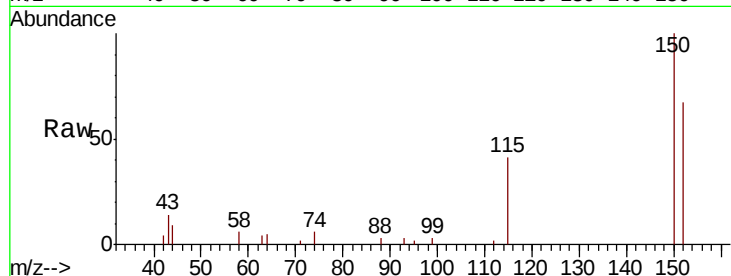


#1

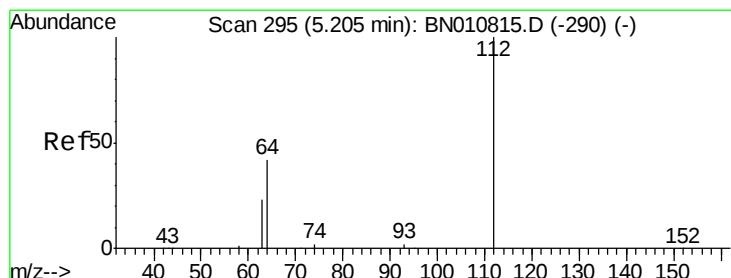
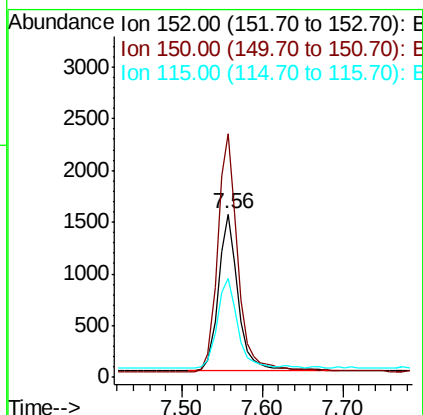
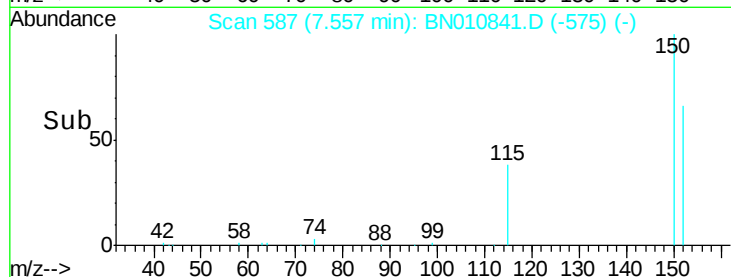
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010841.D
Acq: 12 Jun 2020 09:51

Instrument :
BNA_N
ClientSampleId :
PB129499BL

Tot Ion:152 Resp: 2602
Ion Ratio Lower Upper
152 100
150 149.4 123.8 185.6
115 60.9 49.2 73.8



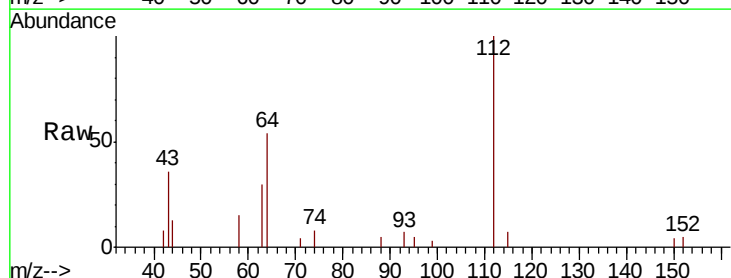
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



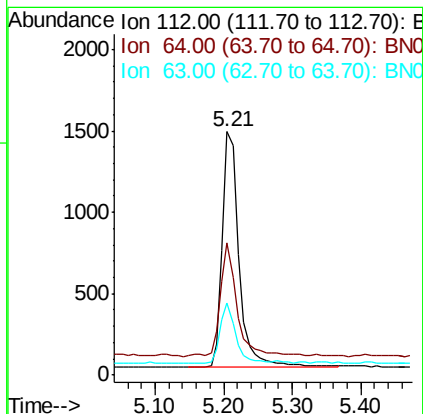
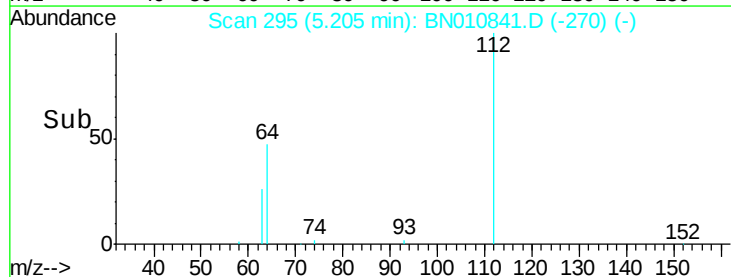
#4

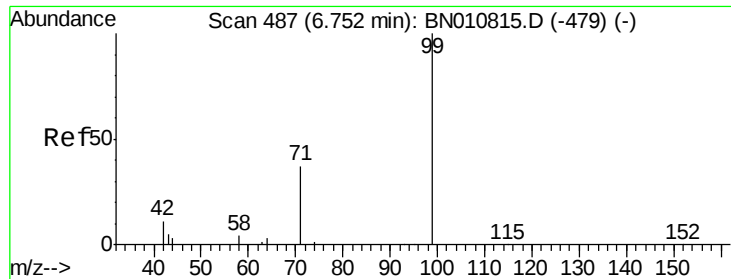
2-Fluorophenol
Concen: 0.502 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010841.D
Acq: 12 Jun 2020 09:51

Tgt Ion:112 Resp: 2521
Ion Ratio Lower Upper
112 100
64 46.8 37.4 56.0
63 24.0 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: 0.420 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.01 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

Instrument :

BNA_N

ClientSampleId :

PB129499BL

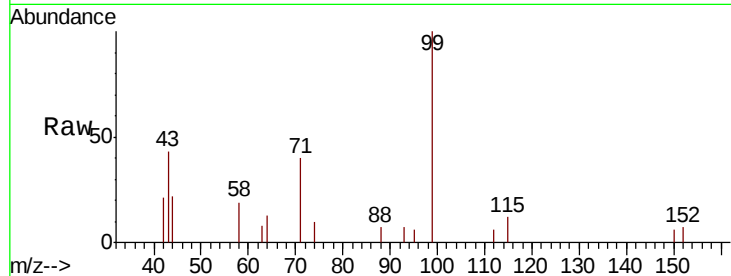
Tot Ion: 99 Resp: 2486

Ion Ratio Lower Upper

99 100

42 11.9 11.1 16.7

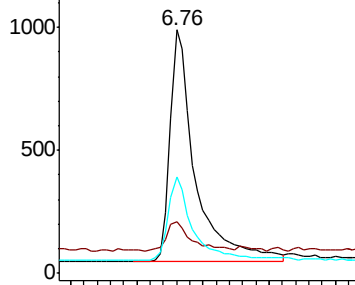
71 35.8 31.4 47.2



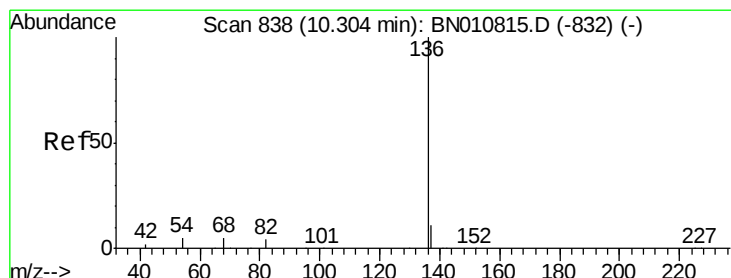
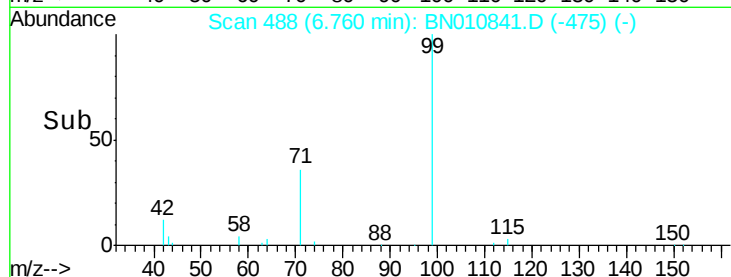
Abundance Ion 99.00 (98.70 to 99.70): BN010841.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010841.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010841.D (-479) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.01 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

Tgt Ion: 136 Resp: 8882

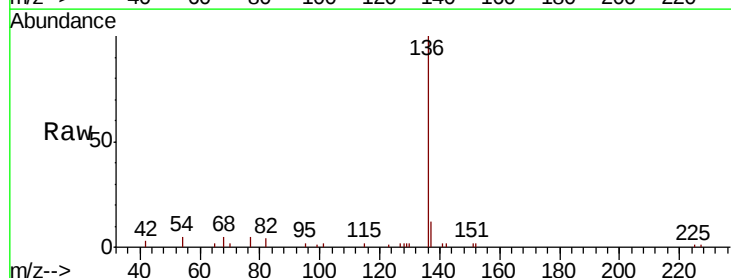
Ion Ratio Lower Upper

136 100

137 12.5 9.7 14.5

54 4.7 4.9 7.3#

68 5.3 4.7 7.1

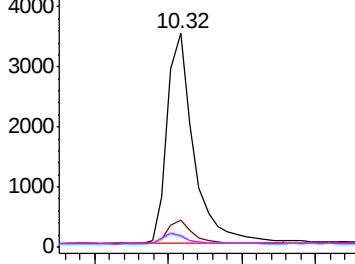


Abundance Ion 136.00 (135.70 to 136.70): BN010841.D (-822) (-)

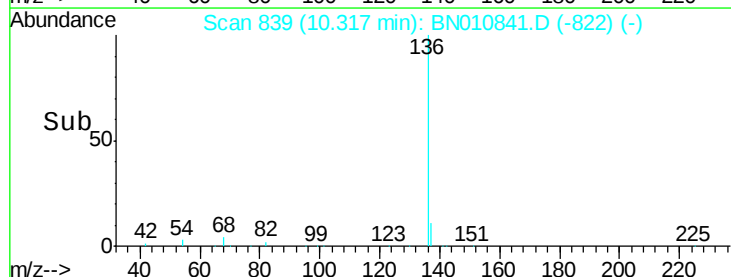
Ion 137.00 (136.70 to 137.70): BN010841.D (-822) (-)

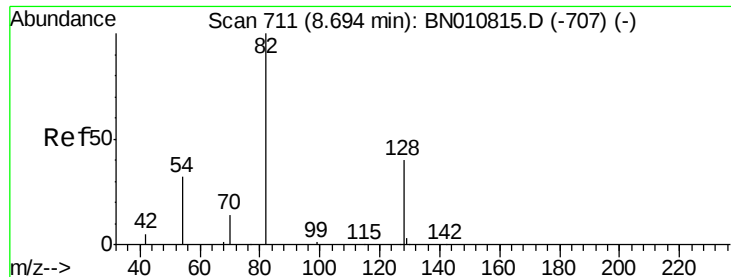
Ion 54.00 (53.70 to 54.70): BN010841.D (-822) (-)

Ion 68.00 (67.70 to 68.70): BN010841.D (-822) (-)



Time-->

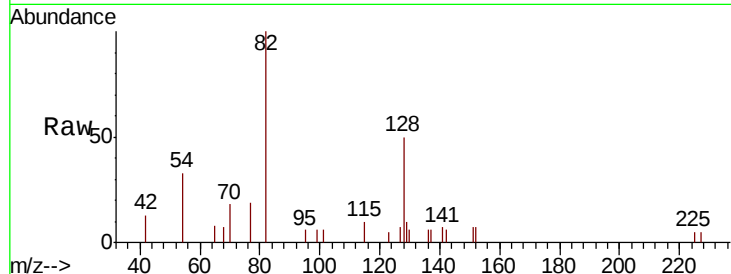




#8
 Nitrobenzene-d5
 Concen: 0.412 ng
 RT: 8.71 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BN010841.D
 Acq: 12 Jun 2020 09:51

Instrument :
 BNA_N
 ClientSampleId :
 PB129499BL

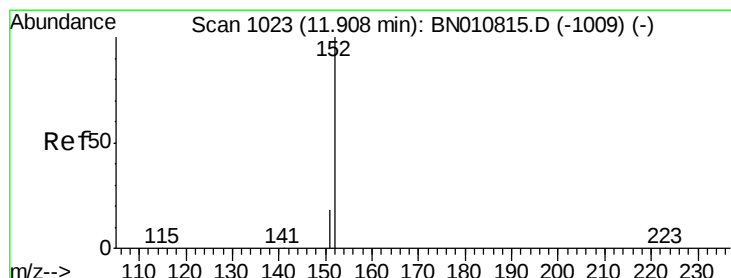
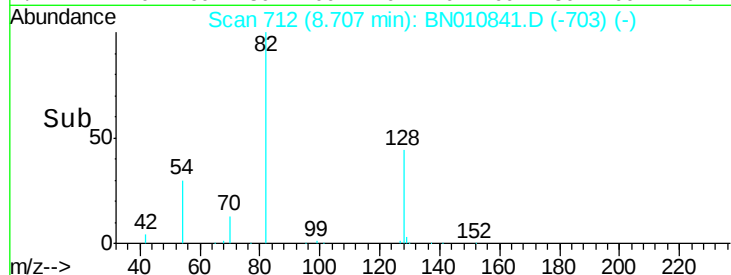
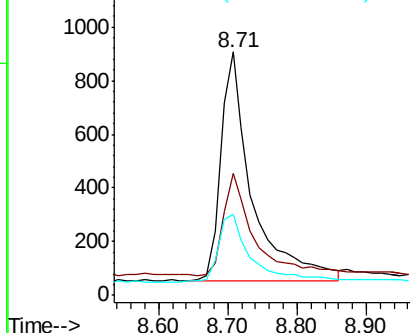
Tot Ion	82	Resp	2706
Ion Ratio	Lower	Upper	
82	100		
128	50.1	35.4	53.0
54	33.3	28.2	42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010841.D (-707) (-)

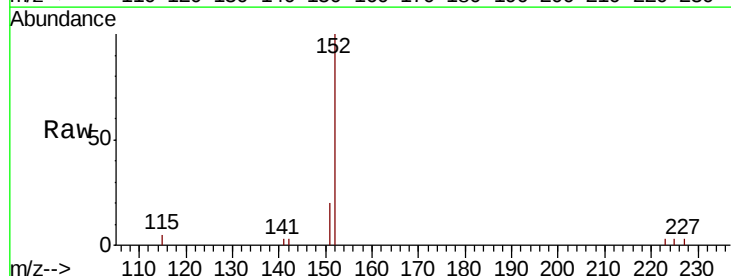
Ion 128.00 (127.70 to 128.70): BN010841.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010841.D (-707) (-)



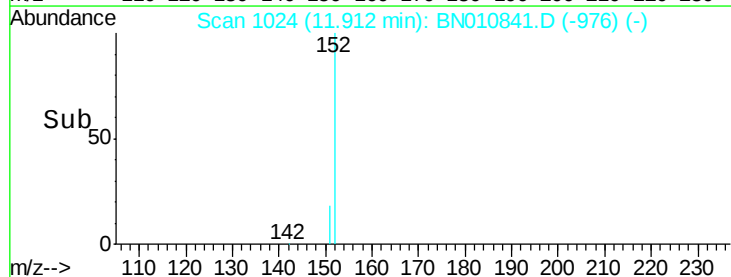
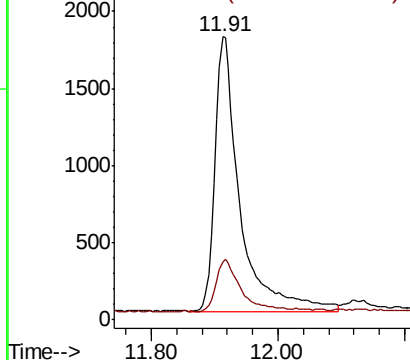
#11
 2-Methylnaphthalene-d10
 Concen: 0.355 ng
 RT: 11.91 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BN010841.D
 Acq: 12 Jun 2020 09:51

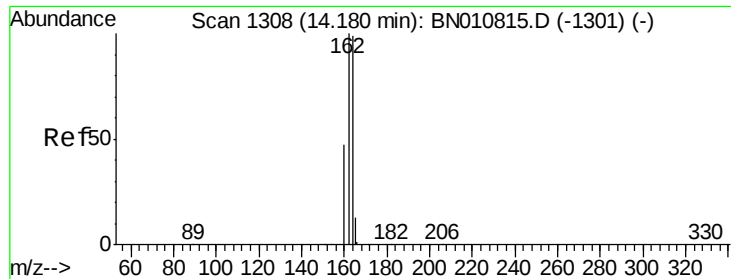
Tgt Ion	152	Resp	4889
Ion Ratio	Lower	Upper	
152	100		
151	18.7	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010841.D (-976) (-)

Ion 151.00 (150.70 to 151.70): BN010841.D (-976) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

Instrument :

BNA_N

ClientSampled :

PB129499BL

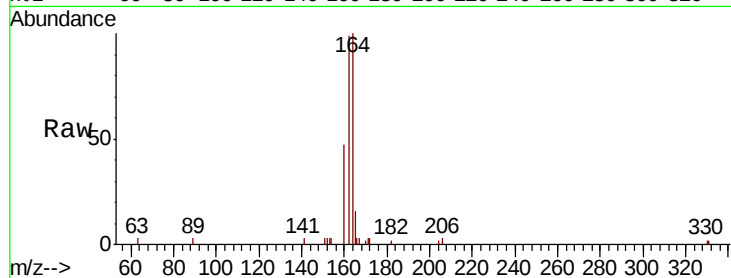
Tot Ion:164 Resp: 4505

Ion Ratio Lower Upper

164 100

162 99.2 81.0 121.6

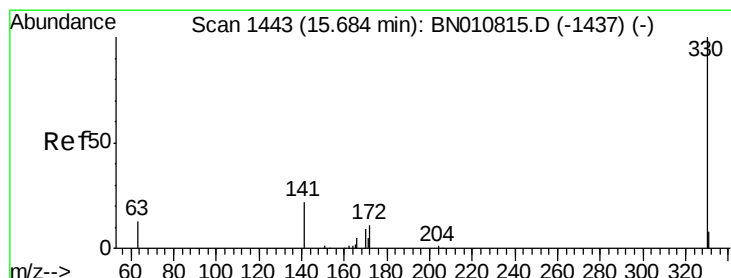
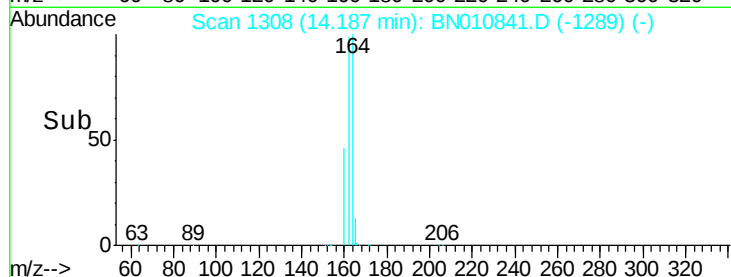
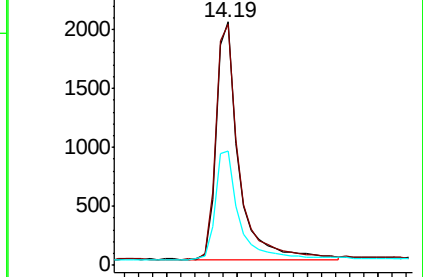
160 46.9 38.9 58.3



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: 0.393 ng

RT: 15.70 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

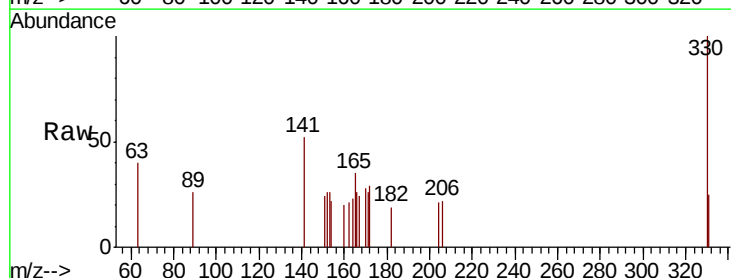
Tgt Ion:330 Resp: 633

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

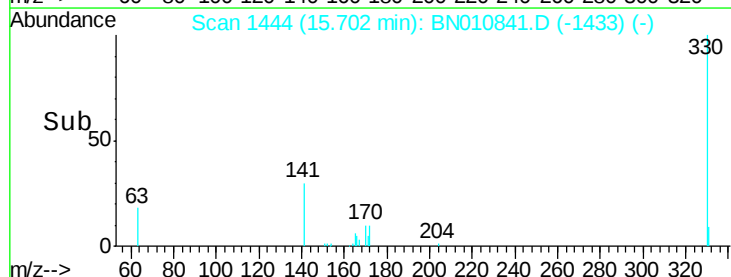
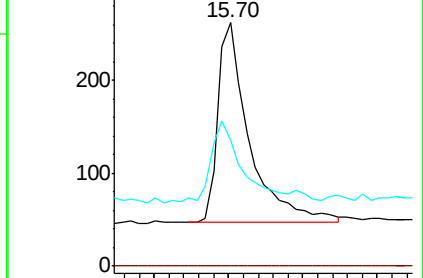
141 42.2 33.2 49.8

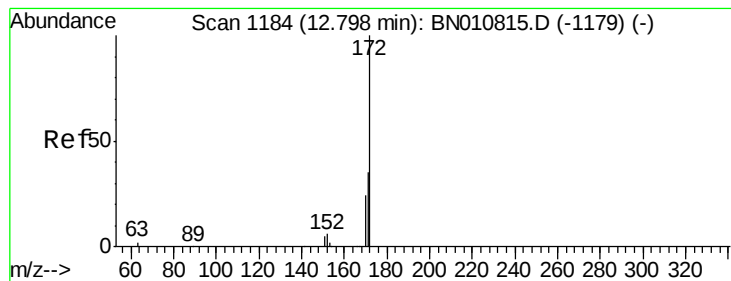


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.404 ng

RT: 12.80 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

Instrument :

BNA_N

ClientSampleId :

PB129499BL

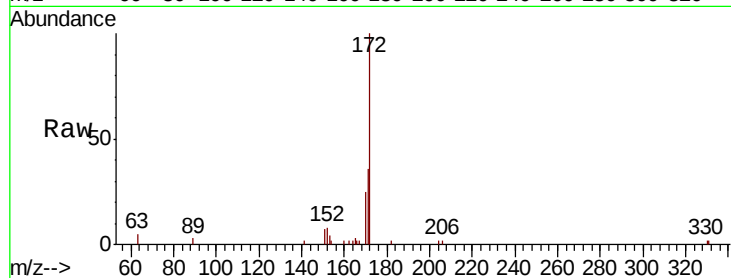
Tot Ion:172 Resp: 7181

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

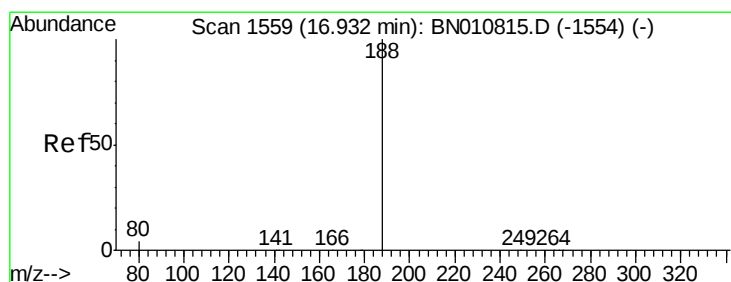
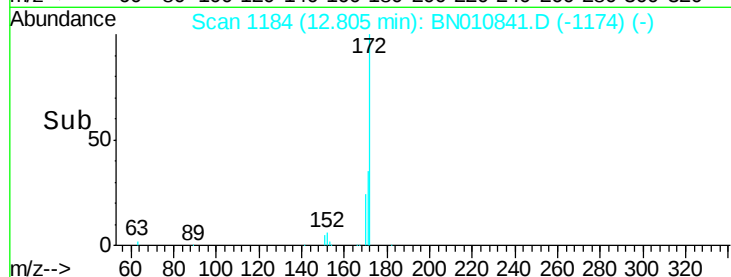
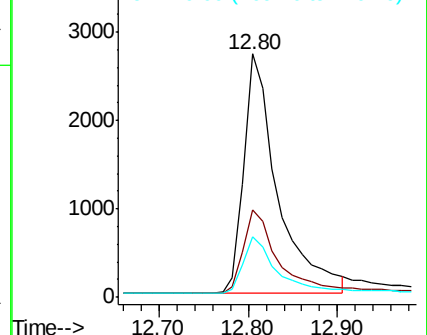
170 24.9 19.7 29.5



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: 16.94 min Scan# 1559

Delta R.T. 0.02 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

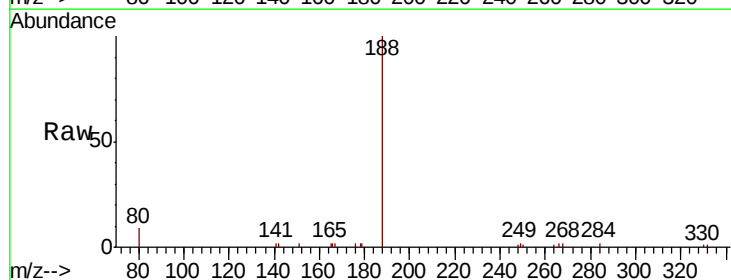
Tgt Ion:188 Resp: 9890

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

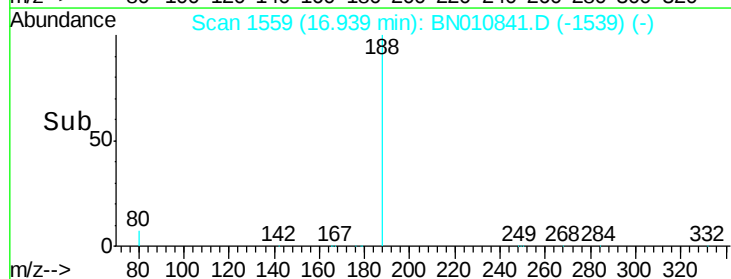
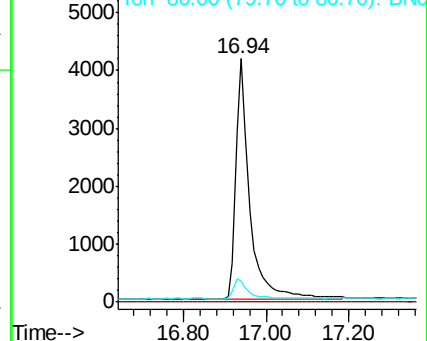
80 8.7 4.5 6.7#

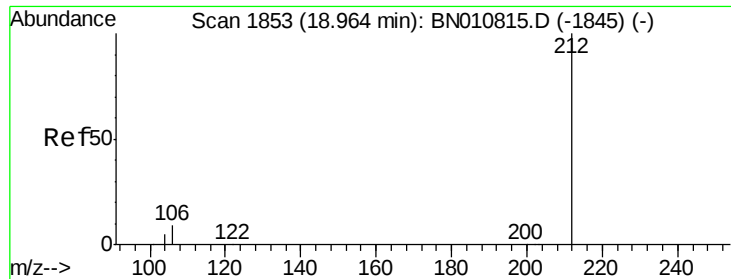


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 18.97 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

Instrument :

BNA_N

ClientSampleId :

PB129499BL

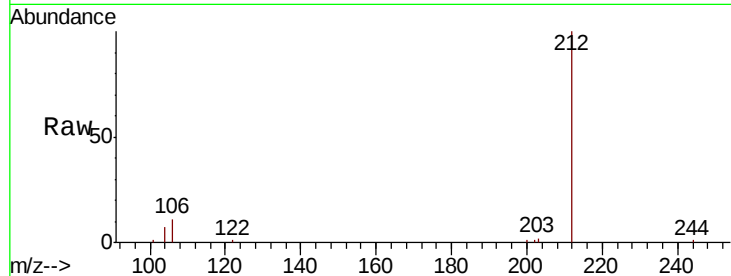
Tot Ion:212 Resp: 10759

Ion Ratio Lower Upper

212 100

106 10.2 6.6 10.0#

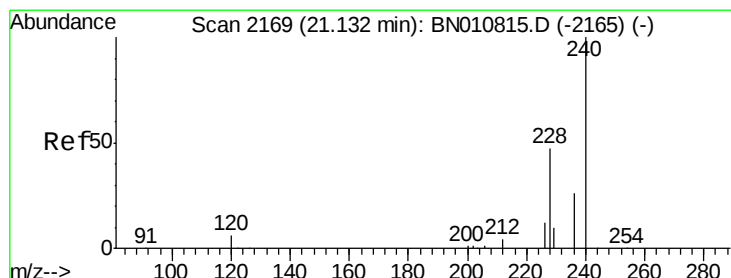
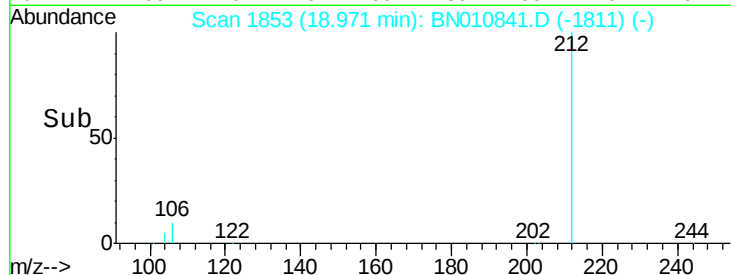
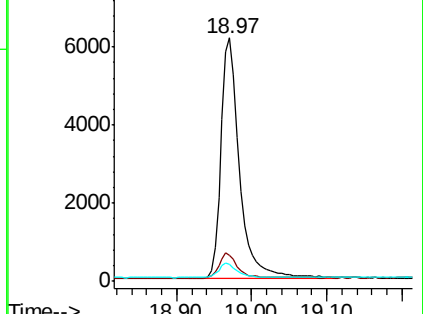
104 6.0 4.0 6.0#



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# 2168

Delta R.T. 0.00 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

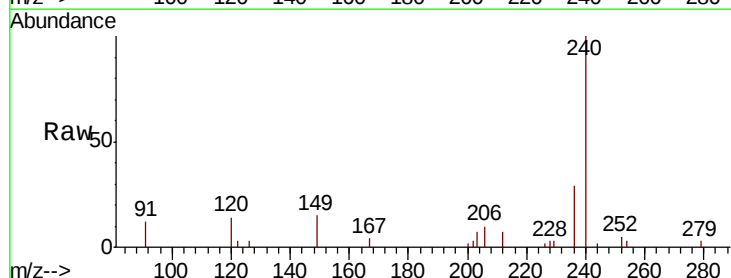
Tgt Ion:240 Resp: 9955

Ion Ratio Lower Upper

240 100

120 14.4 7.5 11.3#

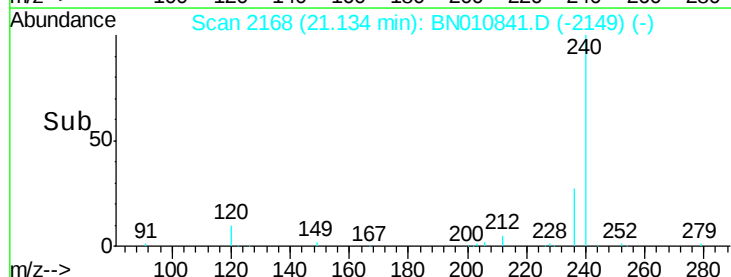
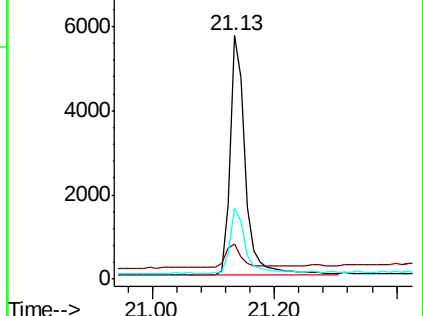
236 29.2 22.3 33.5

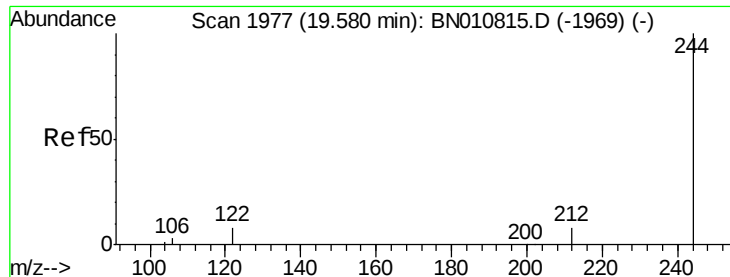


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.58 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

Instrument :

BNA_N

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PB129499BL

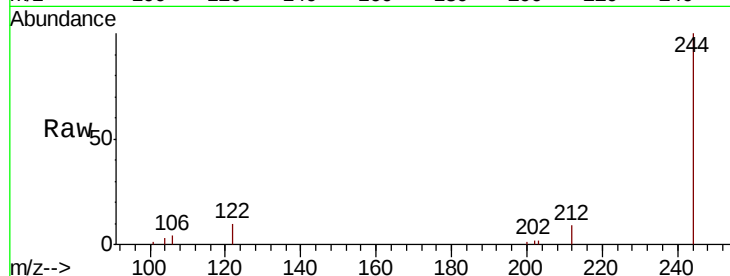
Tot Ion:244 Resp: 10120

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

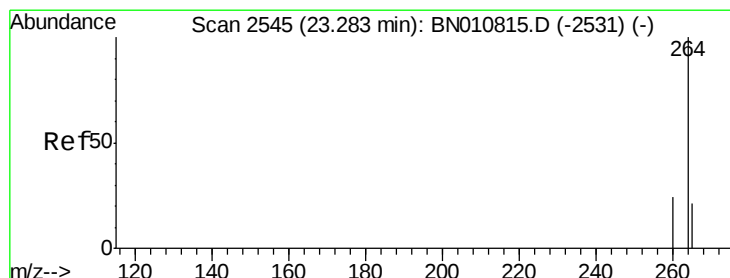
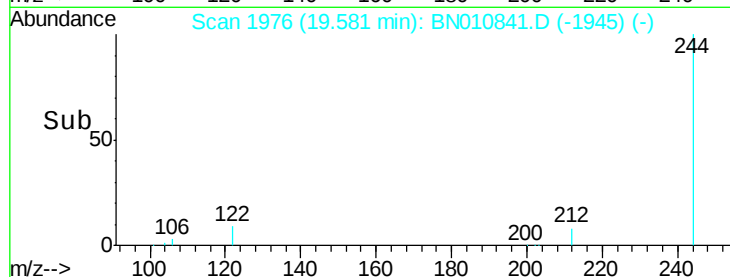
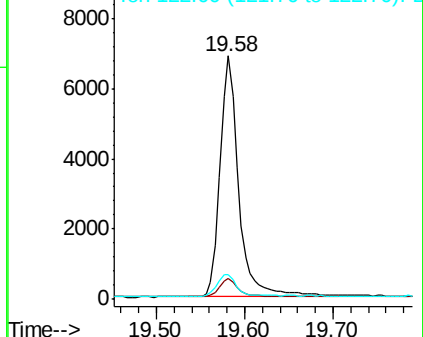
122 10.1 7.5 11.3



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: 23.29 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BN010841.D

Acq: 12 Jun 2020 09:51

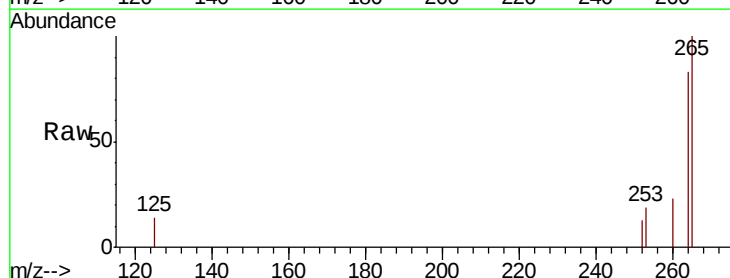
Tgt Ion:264 Resp: 7997

Ion Ratio Lower Upper

264 100

260 27.3 20.4 30.6

265 120.2 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

