

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
 Data File : BN010795.D
 Acq On : 06 Jun 2020 00:07
 Operator : CG/JU
 Sample : PB129300BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129300BL

Quant Time: Jun 06 01:27:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 22:48:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2148	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	6764	0.40	ng	0.01
13) Acenaphthene-d10	14.19	164	3746	0.40	ng	0.01
19) Phenanthrene-d10	16.94	188	7803	0.40	ng	0.01
27) Chrysene-d12	21.14	240	7023	0.40	ng	0.00
34) Perylene-d12	23.29	264	7161	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	1511	0.35	ng	0.00
5) Phenol-d6	6.76	99	1624	0.32	ng	0.00
8) Nitrobenzene-d5	8.72	82	1852	0.37	ng	0.03
11) 2-Methylnaphthalene-d10	11.93	152	3898	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.71	330	417	0.32	ng	0.02
15) 2-Fluorobiphenyl	12.82	172	5305	0.36	ng	0.01
25) Fluoranthene-d10	18.97	212	8351	0.39	ng	0.00
29) Terphenyl-d14	19.59	244	6666	0.43	ng	0.00

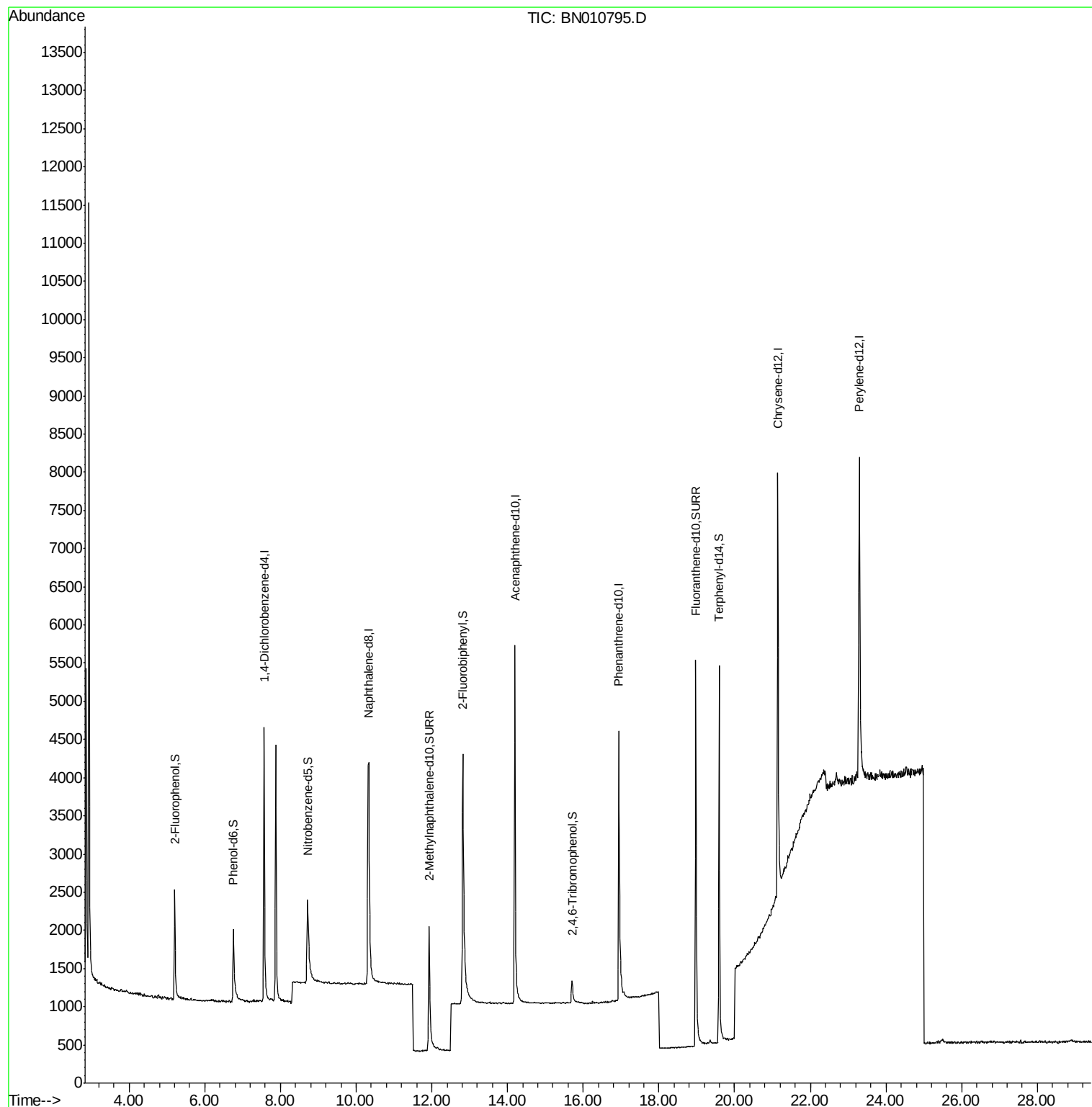
Target Compounds	Qvalue

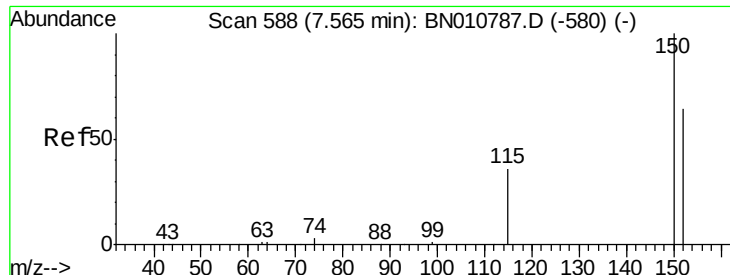
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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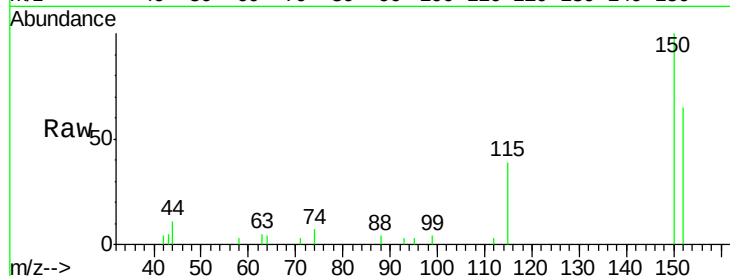


#1

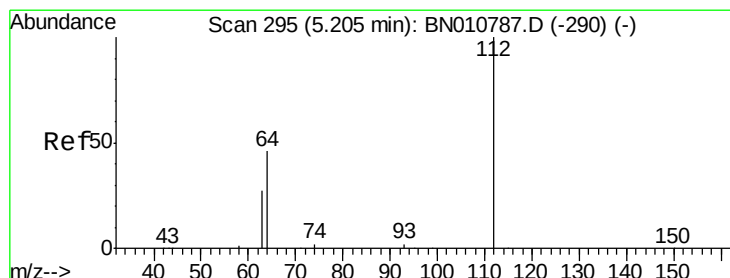
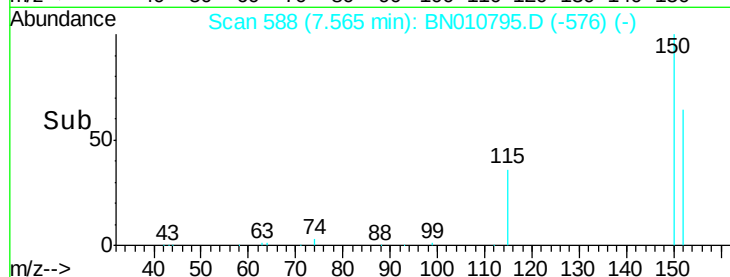
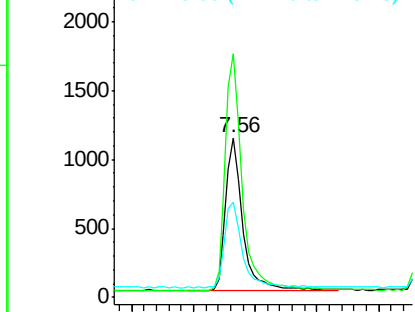
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 588
Delta R.T. -0.00 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Instrument :
BNA_N
ClientSampleId :
PB129300BL

Tot Ion:152 Resp: 2148
Ion Ratio Lower Upper
152 100
150 152.7 123.6 185.4
115 60.1 47.6 71.4



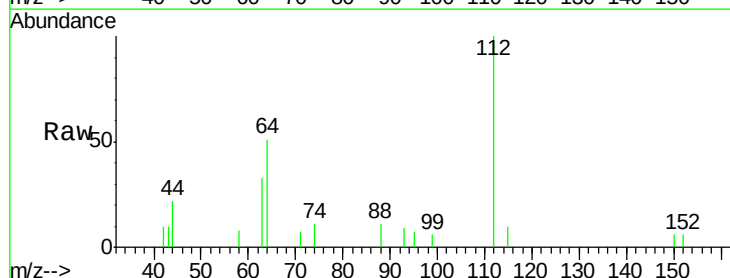
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



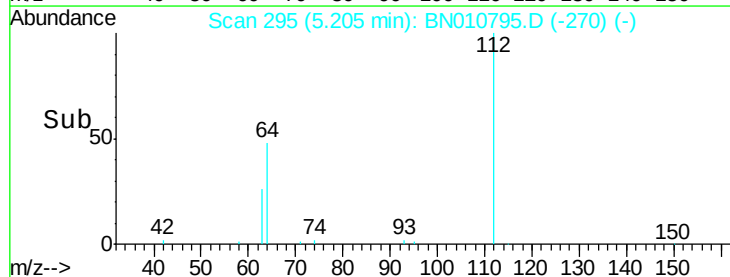
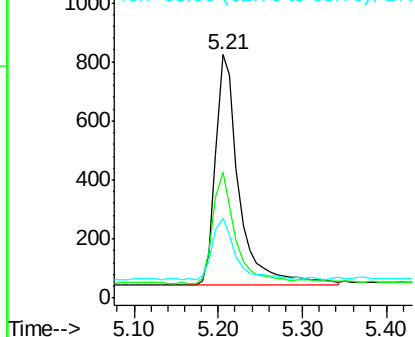
#4

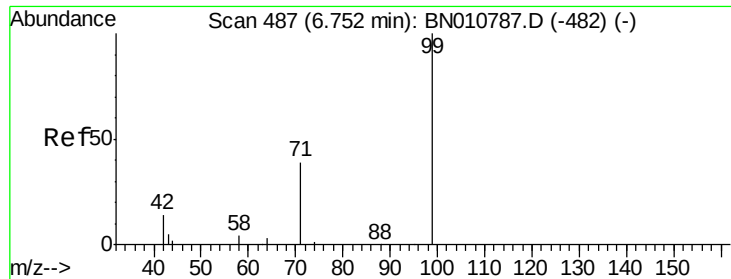
2-Fluorophenol
Concen: 0.353 ng
RT: 5.21 min Scan# 295
Delta R.T. -0.00 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Tgt Ion:112 Resp: 1511
Ion Ratio Lower Upper
112 100
64 48.2 35.8 53.8
63 26.1 20.9 31.3



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: 0.321 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.01 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

Instrument :

BNA_N

ClientSampleId :

PB129300BL

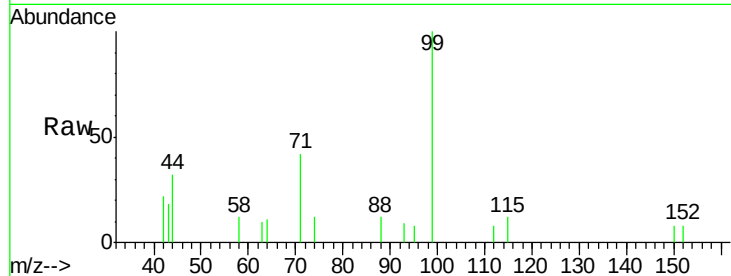
Tot Ion: 99 Resp: 1624

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

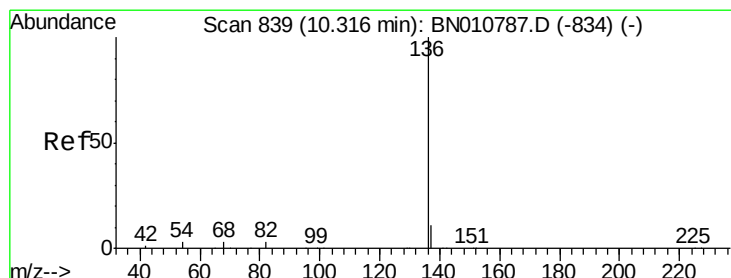
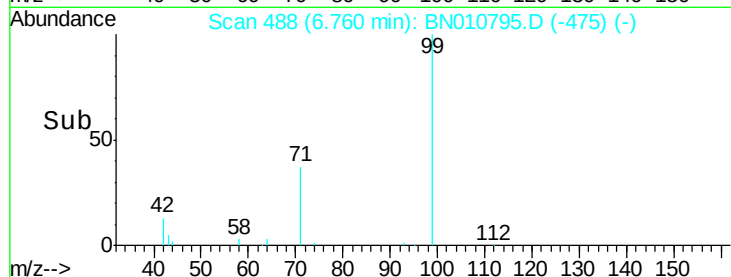
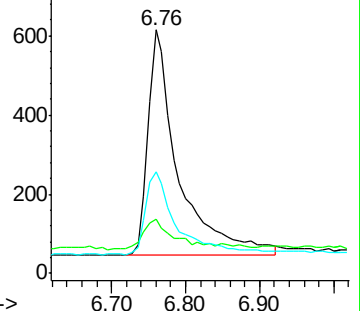
71 38.1 30.6 46.0



Abundance Ion 99.00 (98.70 to 99.70): BN010787.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN010787.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN010787.D (-482) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.01 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

Tgt Ion: 136 Resp: 6764

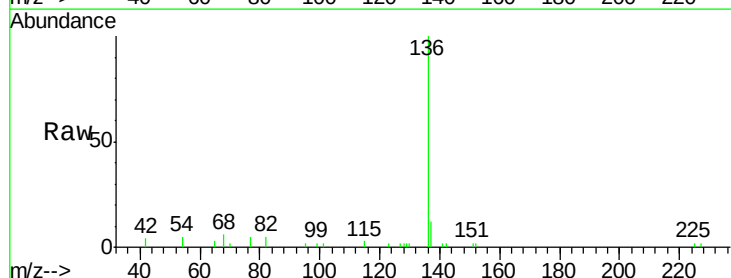
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 5.0 3.3 4.9#

68 5.6 3.4 5.2#

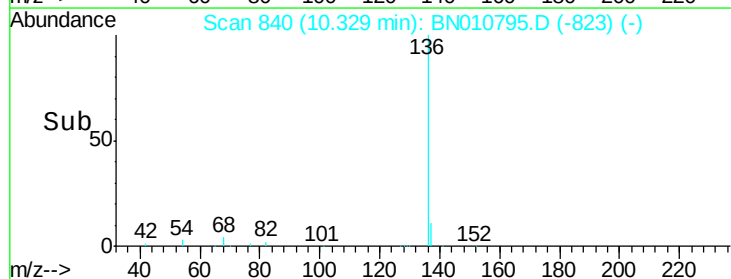
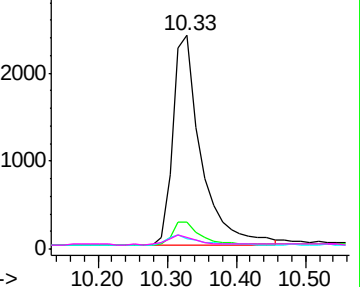


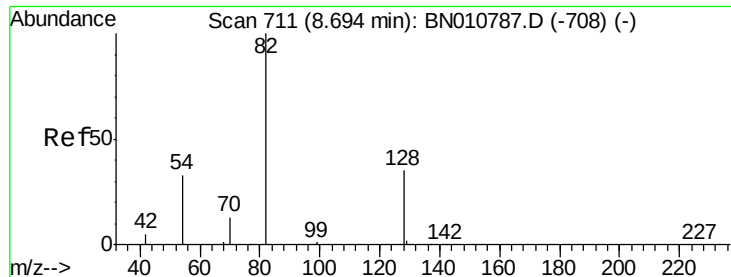
Abundance Ion 136.00 (135.70 to 136.70): BN010787.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN010787.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010787.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010787.D (-834) (-)

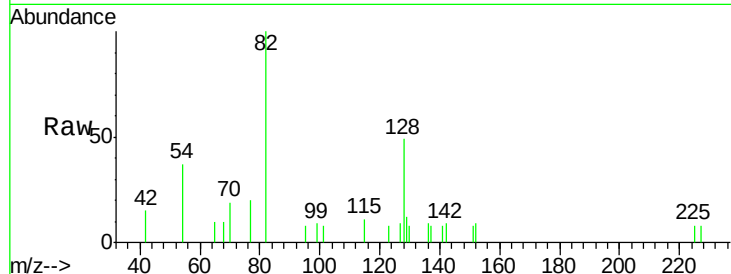




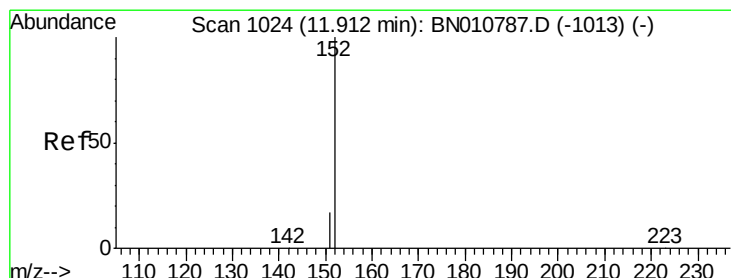
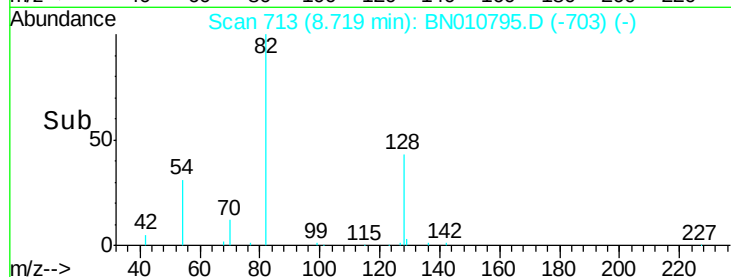
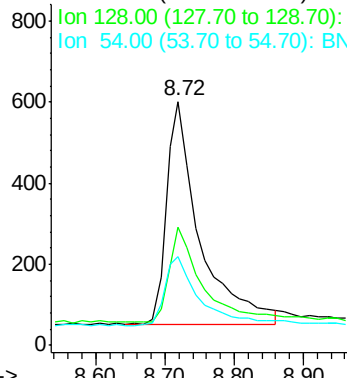
#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.72 min Scan# 713
Delta R.T. 0.03 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Instrument :
BNA_N
ClientSampleId :
PB129300BL

Tot Ion	82	Resp	1852
Ion Ratio	Lower	Upper	
82	100		
128	48.8	31.4	47.0#
54	36.6	28.9	43.3

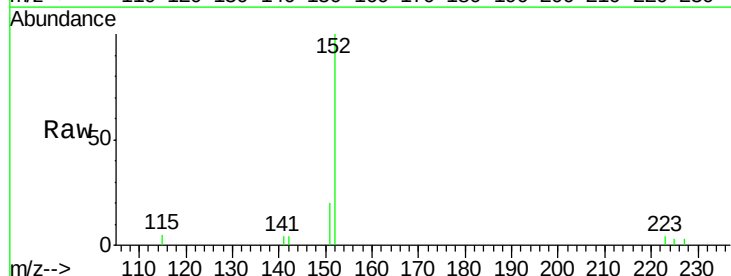


Abundance Ion 82.00 (81.70 to 82.70): BN010787.D (-708) (-)

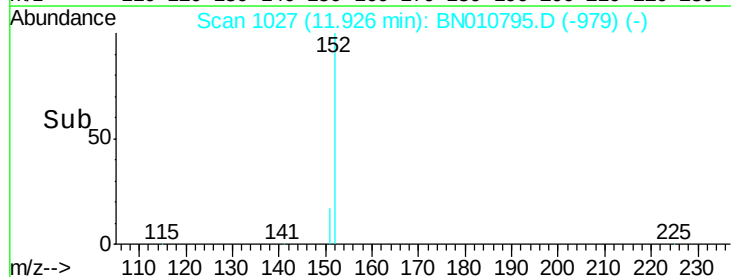
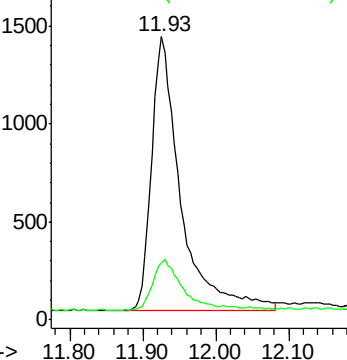


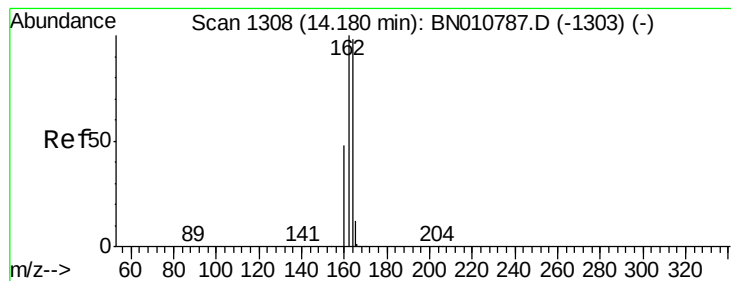
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.93 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Tgt Ion	152	Resp	3898
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010787.D (-1013) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

Instrument :

BNA_N

ClientSampleId :

PB129300BL

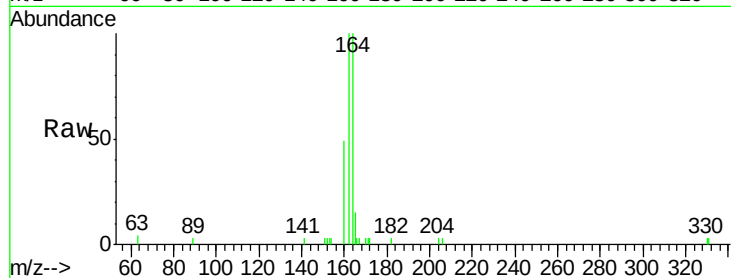
Tot Ion:164 Resp: 3746

Ion Ratio Lower Upper

164 100

162 99.8 81.8 122.8

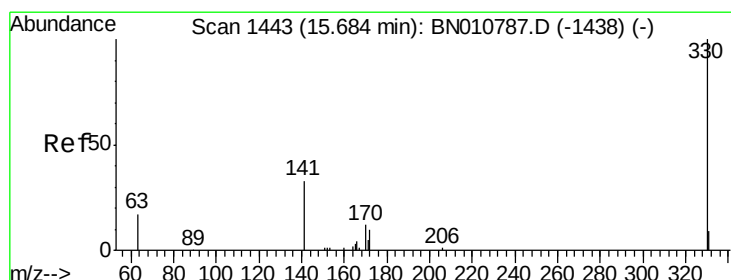
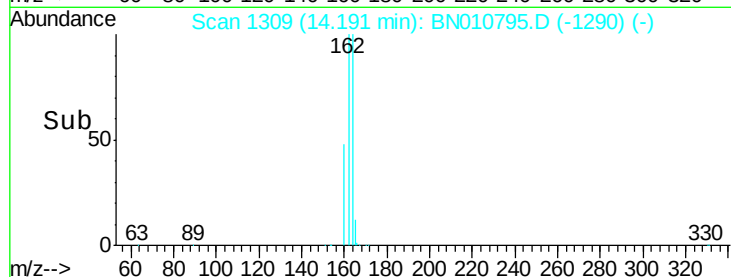
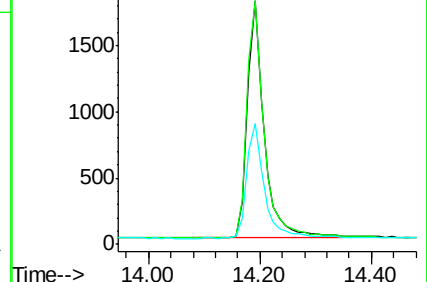
160 49.4 40.2 60.2



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: 0.319 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.02 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

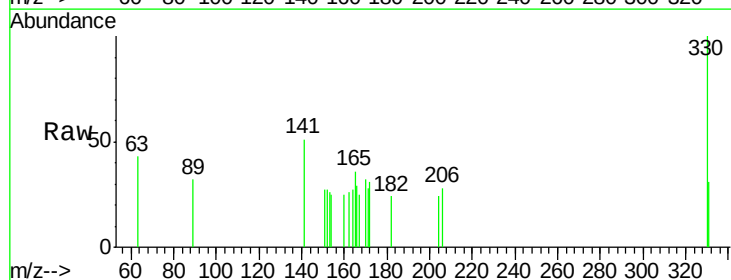
Tgt Ion:330 Resp: 417

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

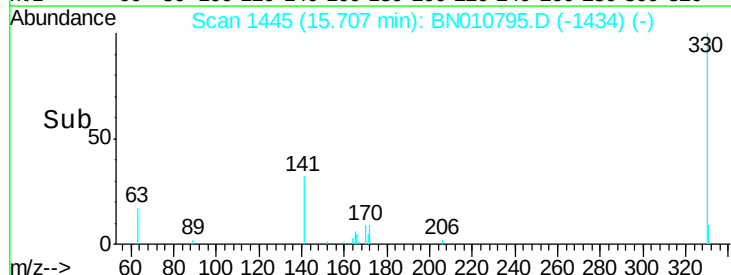
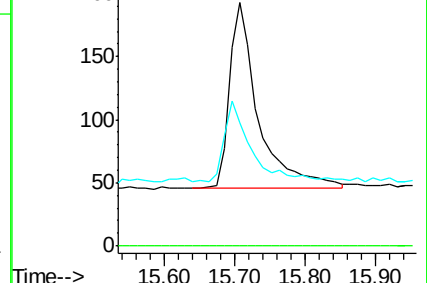
141 41.0 32.1 48.1

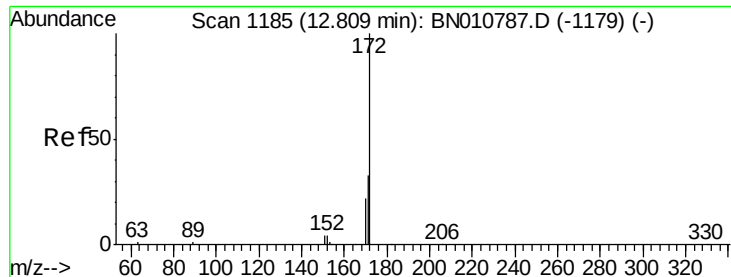


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

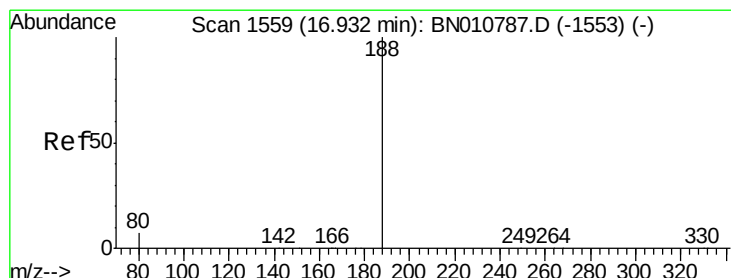
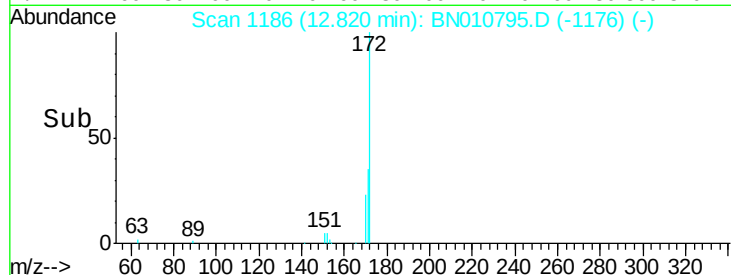
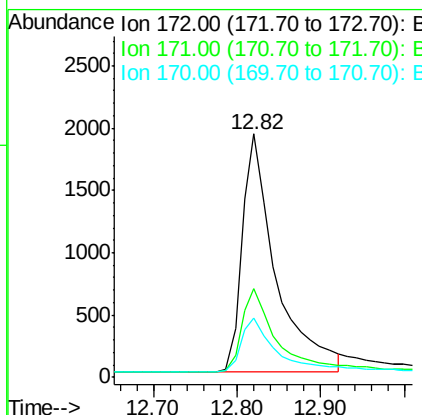
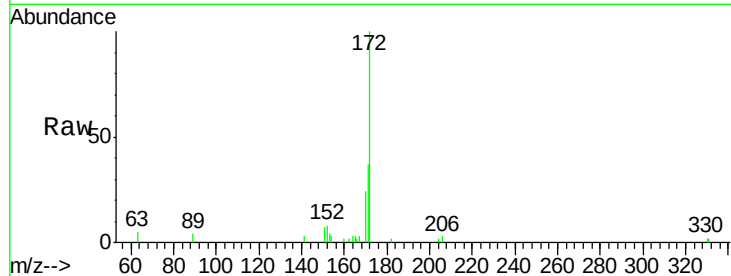




#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

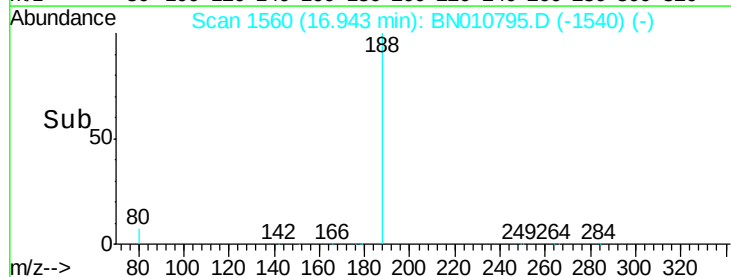
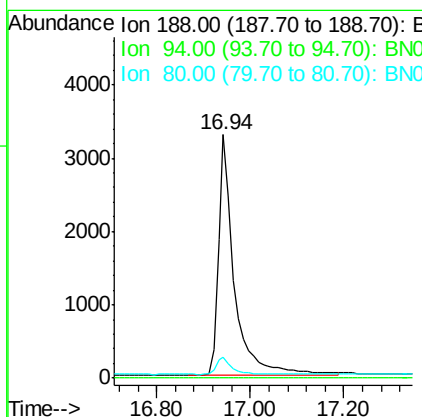
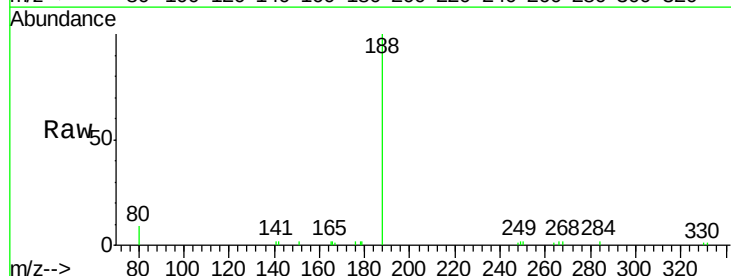
Instrument :
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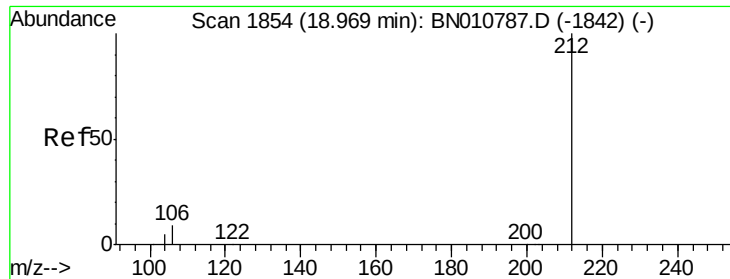
Tot Ion:172 Resp: 5305
Ion Ratio Lower Upper
172 100
171 36.5 27.2 40.8
170 24.4 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BN010795.D
Acq: 06 Jun 2020 00:07

Tgt Ion:188 Resp: 7803
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 5.9 8.9





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 18.97 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

Instrument :

BNA_N

ClientSampleId :

PB129300BL

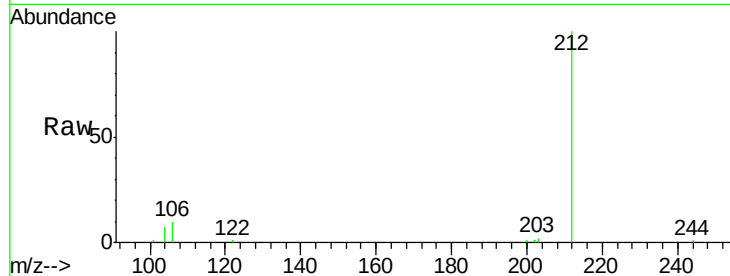
Tot Ion:212 Resp: 8351

Ion Ratio Lower Upper

212 100

106 8.5 7.1 10.7

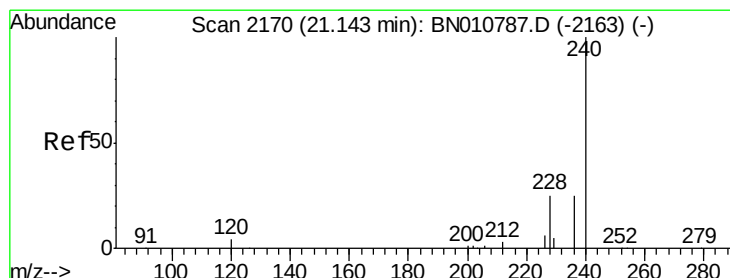
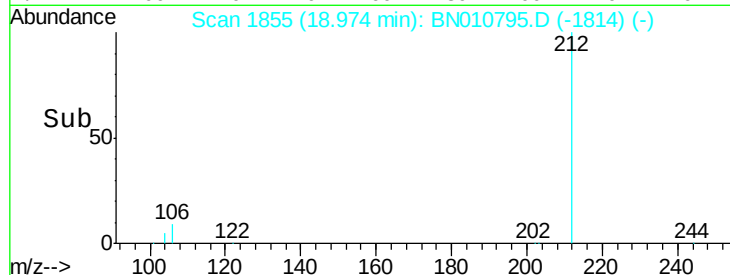
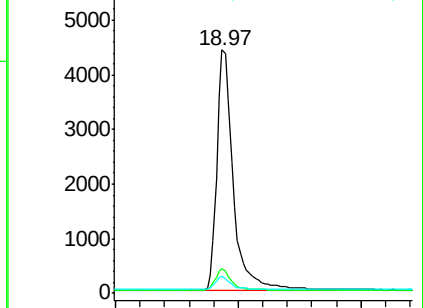
104 5.1 4.1 6.1



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: 21.14 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

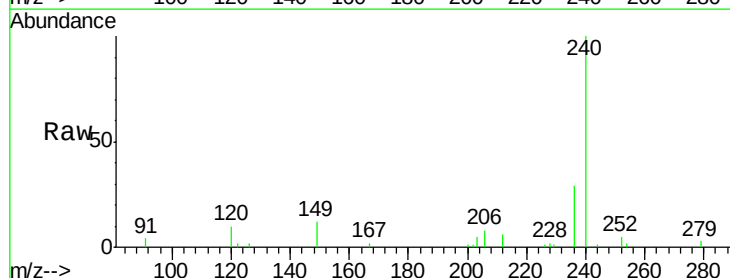
Tgt Ion:240 Resp: 7023

Ion Ratio Lower Upper

240 100

120 9.9 5.2 7.8#

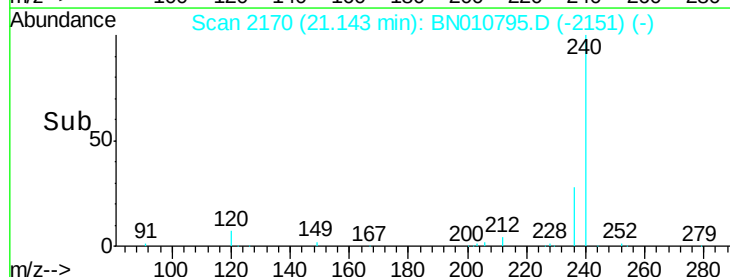
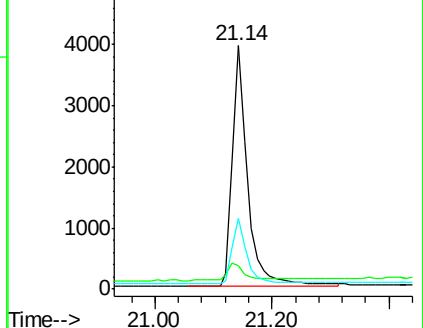
236 29.2 21.3 31.9

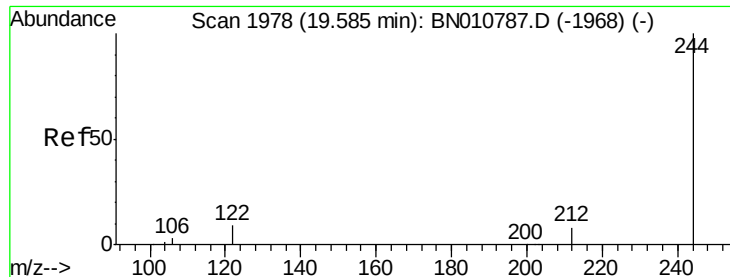


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.426 ng

RT: 19.59 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

Instrument :

BNA_N

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PB129300BL

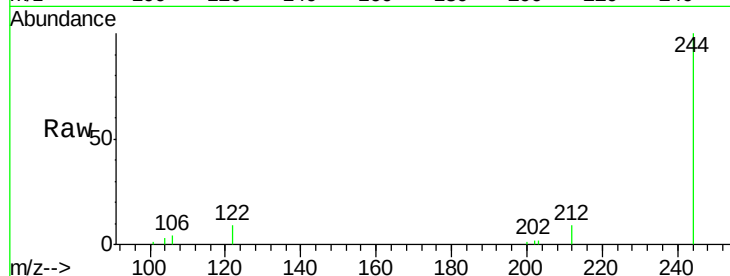
Tot Ion:244 Resp: 6666

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

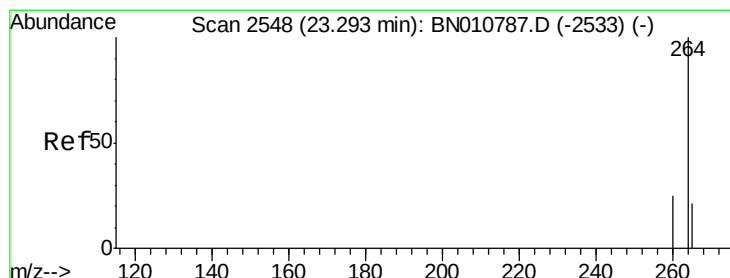
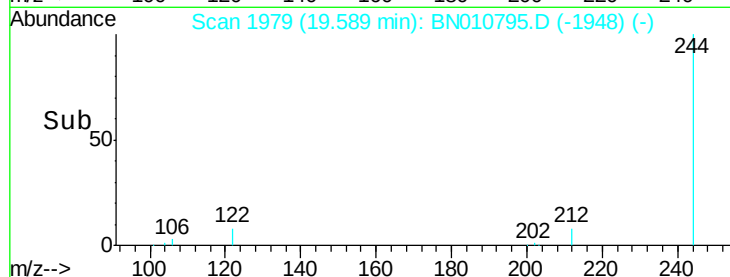
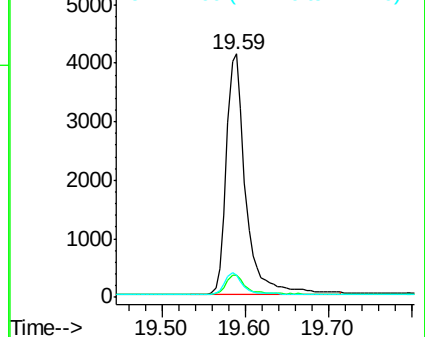
122 9.1 7.8 11.6



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# 2548

Delta R.T. -0.00 min

Lab File: BN010795.D

Acq: 06 Jun 2020 00:07

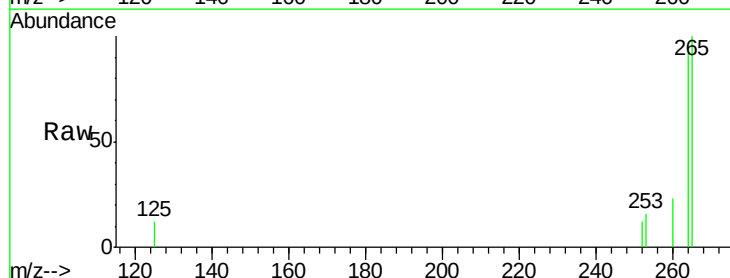
Tgt Ion:264 Resp: 7161

Ion Ratio Lower Upper

264 100

260 25.4 20.3 30.5

265 108.8 61.7 92.5#



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

