

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011004.D
 Acq On : 22 Jun 2020 12:04
 Operator : CG/JU
 Sample : PB129663BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129663BL

Quant Time: Jun 22 12:47:39 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 22 12:02:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	1796	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	6054	0.40	ng	0.01
13) Acenaphthene-d10	14.16	164	3056	0.40	ng	0.01
19) Phenanthrene-d10	16.91	188	6988	0.40	ng	0.00
27) Chrysene-d12	21.12	240	6752	0.40	ng	0.00
34) Perylene-d12	23.26	264	5822	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1384	0.40	ng	0.00
5) Phenol-d6	6.74	99	1480	0.36	ng	0.00
8) Nitrobenzene-d5	8.69	82	1546	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	11.89	152	2402	0.26	ng	0.02
14) 2,4,6-Tribromophenol	15.67	330	334	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.79	172	4503	0.37	ng	0.01
25) Fluoranthene-d10	18.95	212	5264	0.27	ng	0.00
29) Terphenyl-d14	19.56	244	5988	0.38	ng	0.00

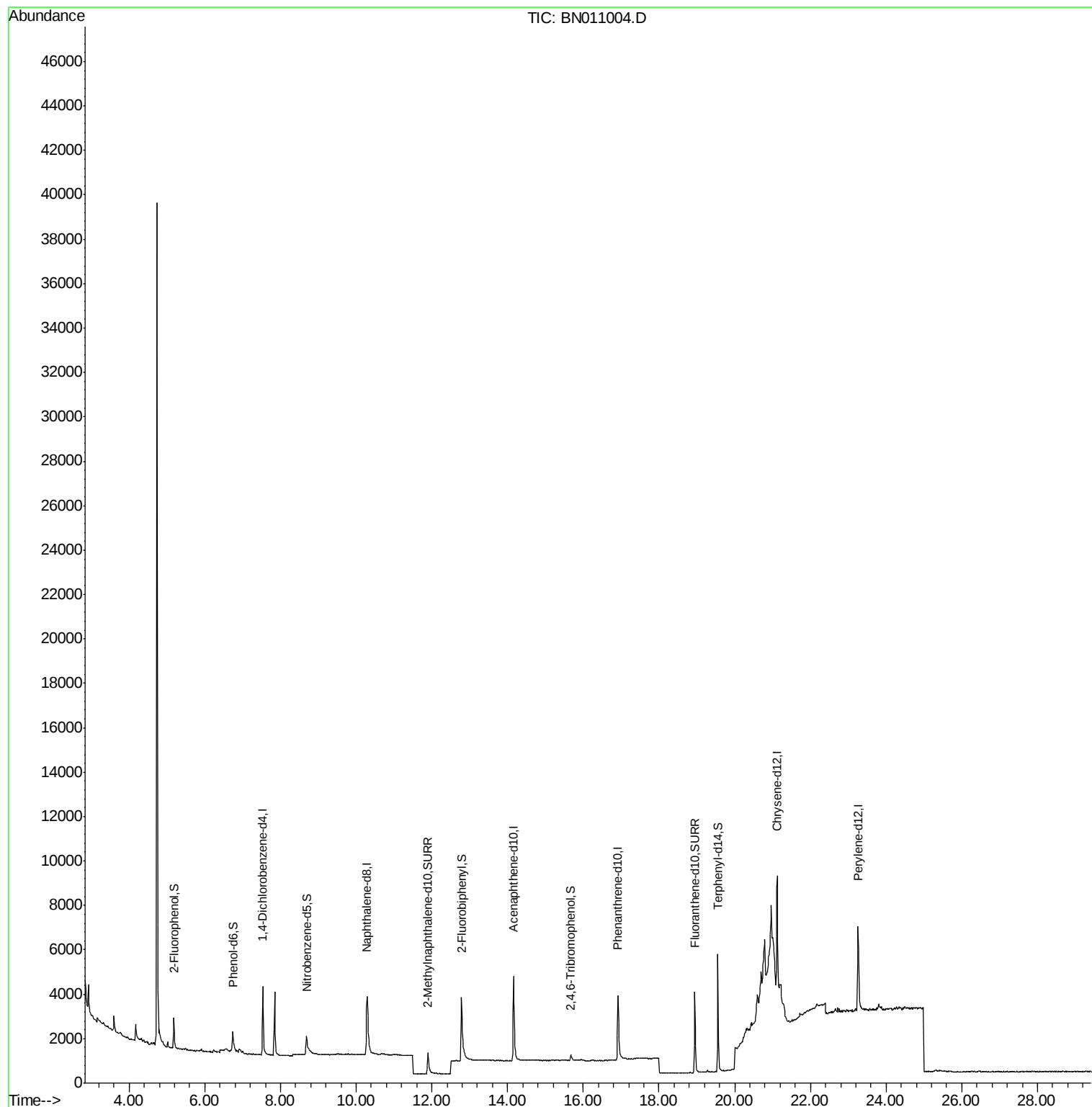
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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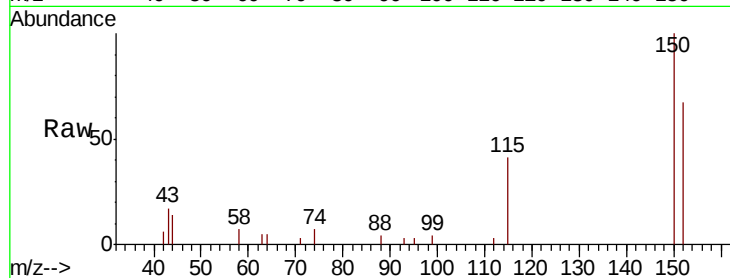


#1

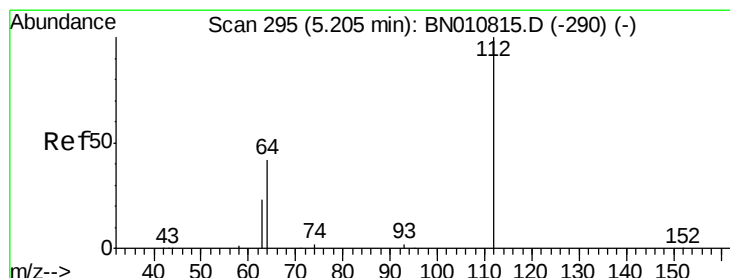
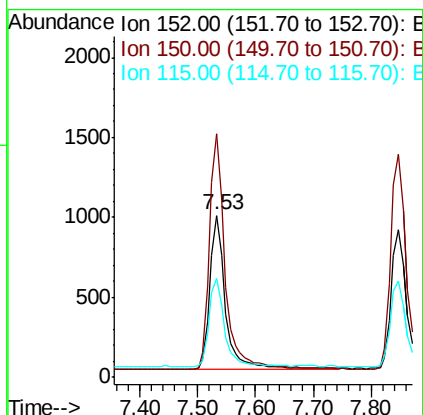
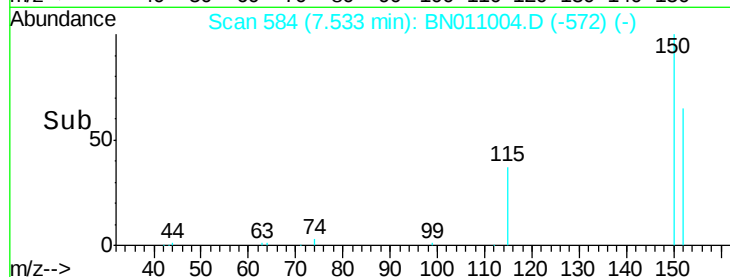
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.53 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BN011004.D
 Acq: 22 Jun 2020 12:04

Instrument :
 BNA_N
 ClientSampleId :
 PB129663BL

Tot Ion:152 Resp: 1796
 Ion Ratio Lower Upper
 152 100
 150 150.3 123.8 185.6
 115 60.9 49.2 73.8



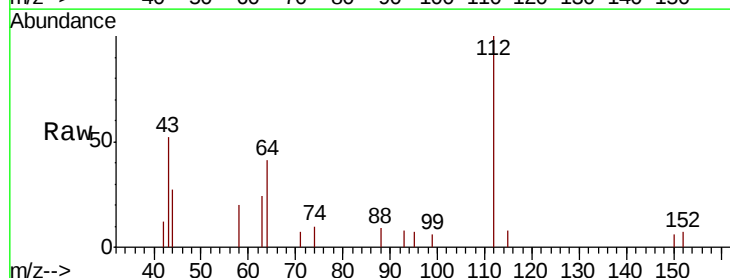
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



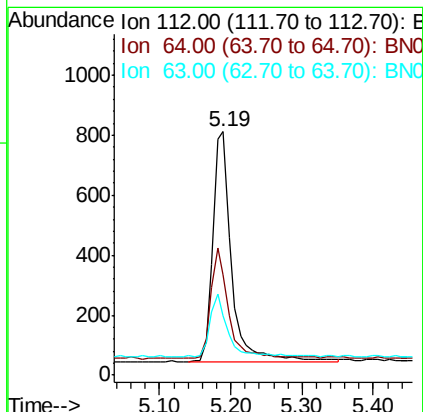
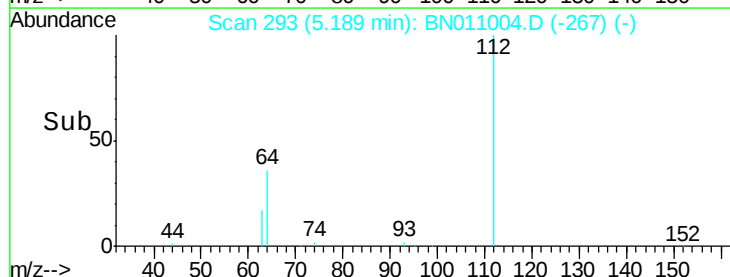
#4

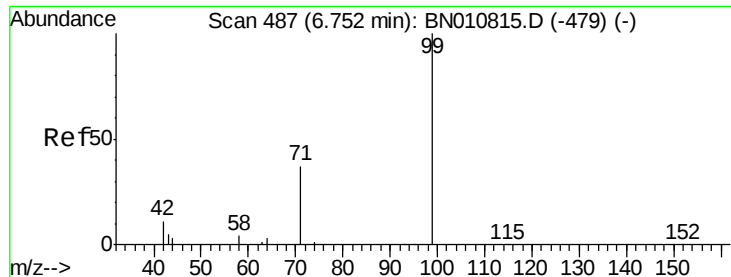
2-Fluorophenol
 Concen: 0.399 ng
 RT: 5.19 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BN011004.D
 Acq: 22 Jun 2020 12:04

Tgt Ion:112 Resp: 1384
 Ion Ratio Lower Upper
 112 100
 64 45.2 37.4 56.0
 63 26.1 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: 0.362 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

Instrument :

BNA_N

ClientSampleId :

PB129663BL

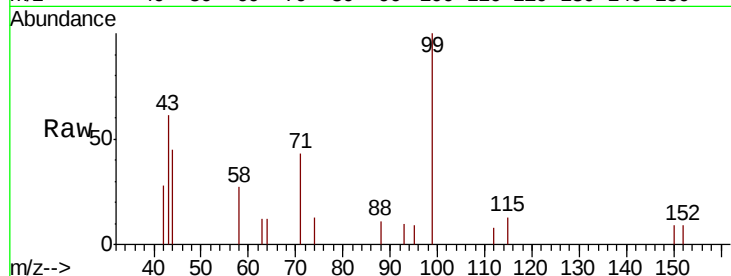
Tot Ion: 99 Resp: 1480

Ion Ratio Lower Upper

99 100

42 13.5 11.1 16.7

71 37.8 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN011004.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN011004.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN011004.D (-479) (-)

6.74

600

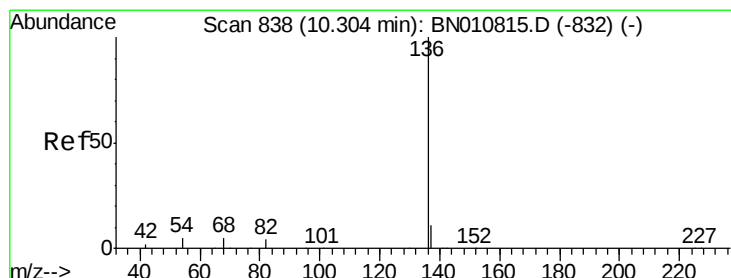
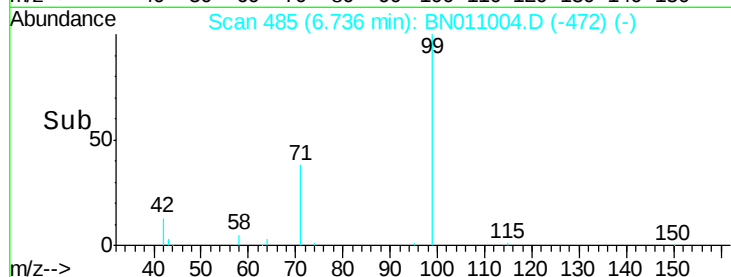
400

200

0

6.60 6.70 6.80 6.90

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.01 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

Tgt Ion: 136 Resp: 6054

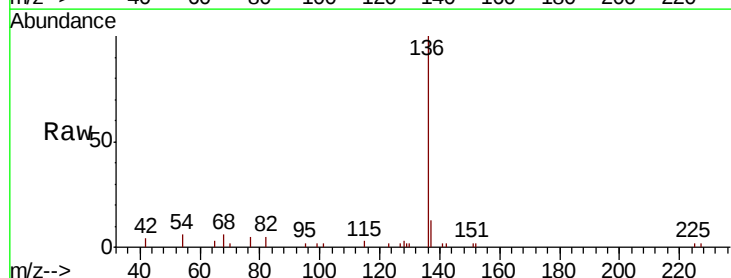
Ion Ratio Lower Upper

136 100

137 13.1 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): BN011004.D (-820) (-)

Ion 137.00 (136.70 to 137.70): BN011004.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN011004.D (-820) (-)

Ion 68.00 (67.70 to 68.70): BN011004.D (-820) (-)

10.29

3000

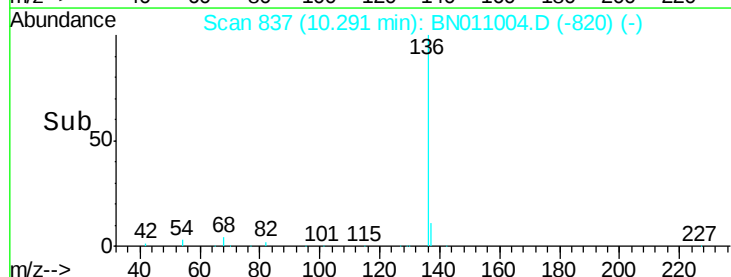
2000

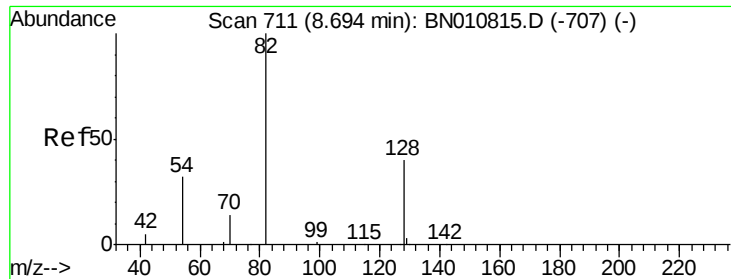
1000

0

10.20 10.40

Time-->

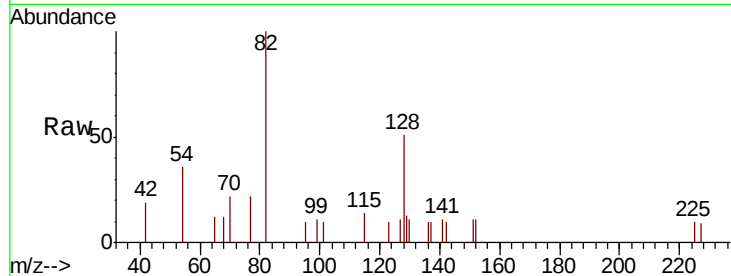




#8
 Nitrobenzene-d5
 Concen: 0.345 ng
 RT: 8.69 min Scan# 711
 Delta R.T. 0.03 min
 Lab File: BN011004.D
 Acq: 22 Jun 2020 12:04

Instrument :
 BNA_N
 ClientSampleId :
 PB129663BL

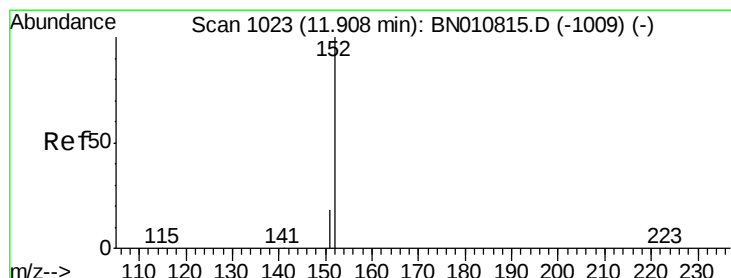
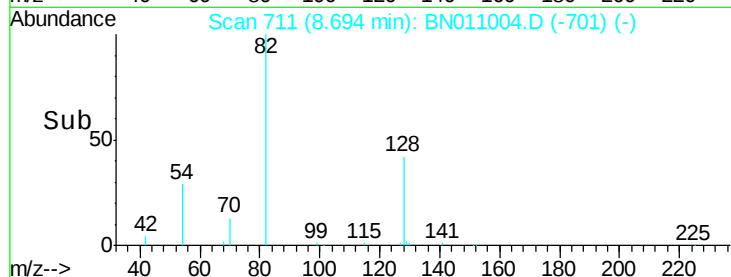
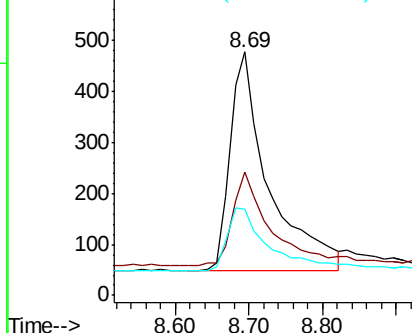
Tot Ion	82.00	Resp	1546
Ion Ratio	Lower	Upper	
82	100		
128	50.6	35.4	53.0
54	35.6	28.2	42.4



Abundance Ion 82.00 (81.70 to 82.70): BN011004.D (-701) (-)

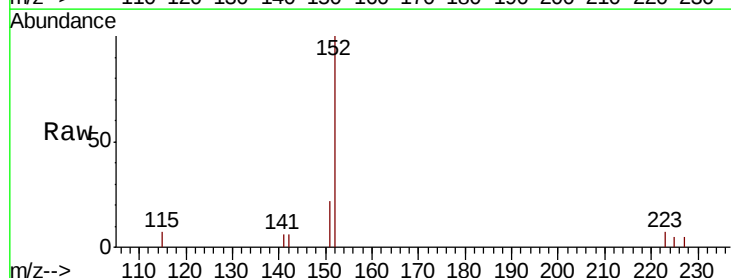
Ion 128.00 (127.70 to 128.70): BN011004.D (-701) (-)

Ion 54.00 (53.70 to 54.70): BN011004.D (-701) (-)



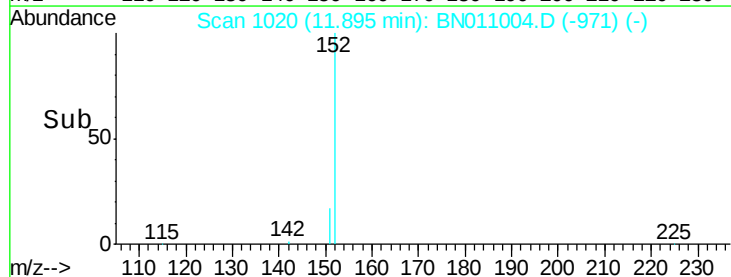
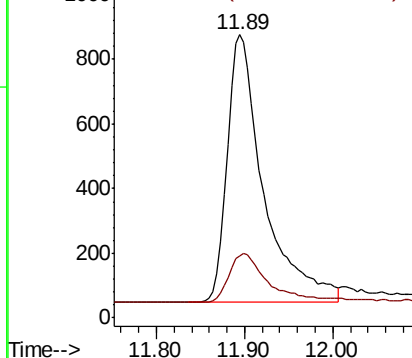
#11
 2-Methylnaphthalene-d10
 Concen: 0.256 ng
 RT: 11.89 min Scan# 1020
 Delta R.T. 0.02 min
 Lab File: BN011004.D
 Acq: 22 Jun 2020 12:04

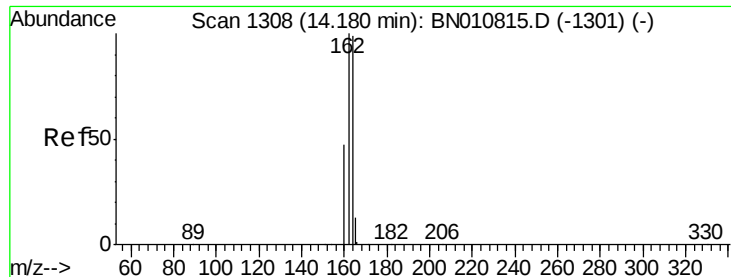
Tgt Ion	152.00	Resp	2402
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): BN011004.D (-971) (-)

Ion 151.00 (150.70 to 151.70): BN011004.D (-971) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

Instrument :

BNA_N

ClientSampleId :

PB129663BL

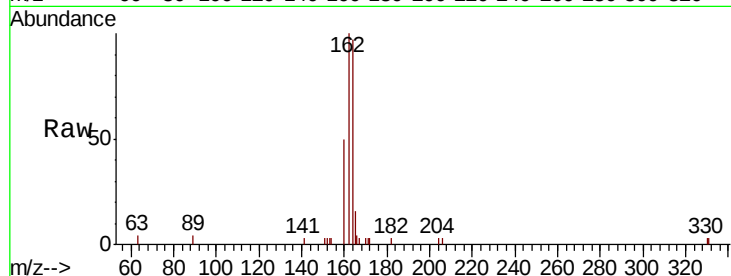
Tot Ion:164 Resp: 3056

Ion Ratio Lower Upper

164 100

162 102.7 81.0 121.6

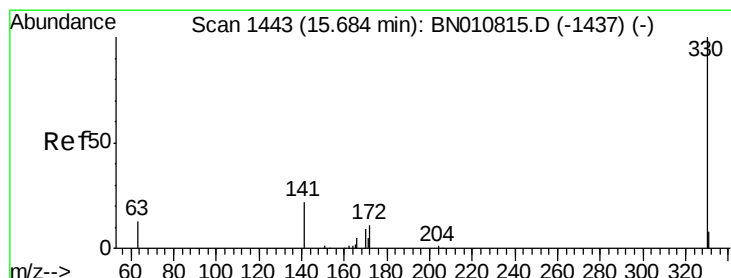
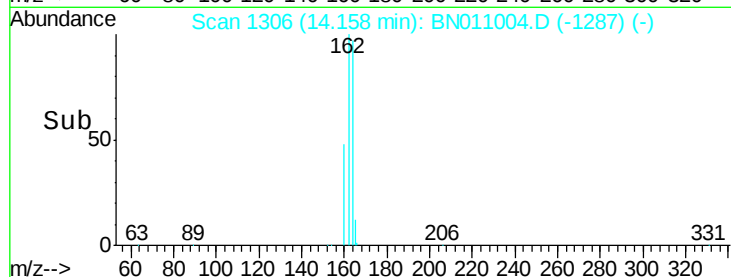
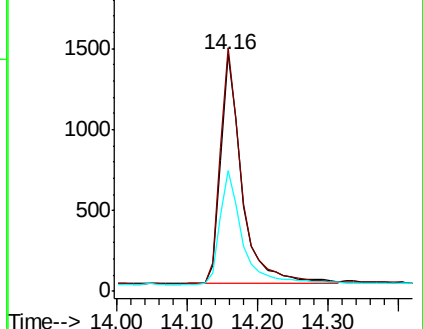
160 51.0 38.9 58.3



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: 0.306 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

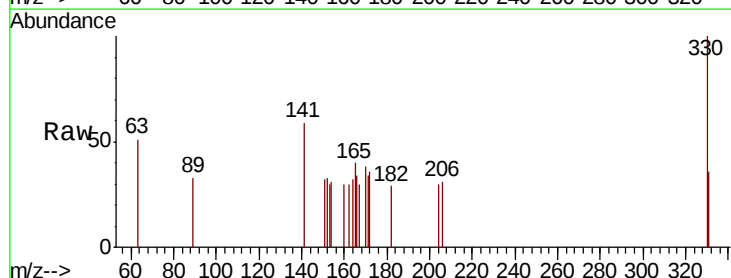
Tgt Ion:330 Resp: 334

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

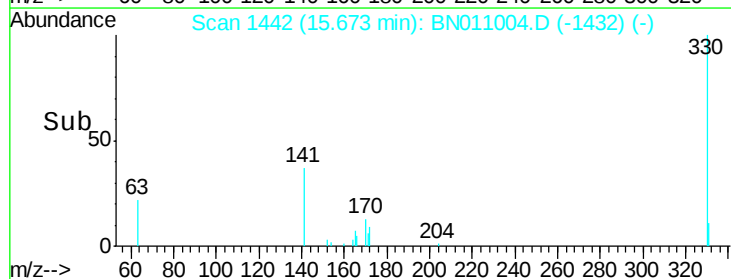
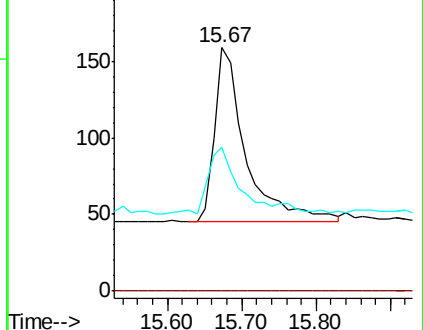
141 37.1 33.2 49.8

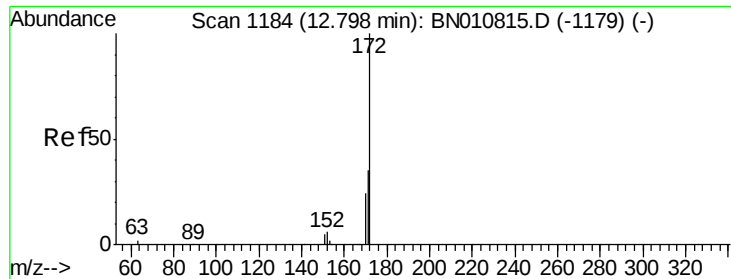


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

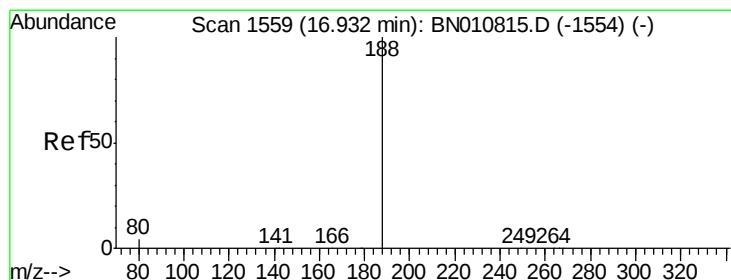
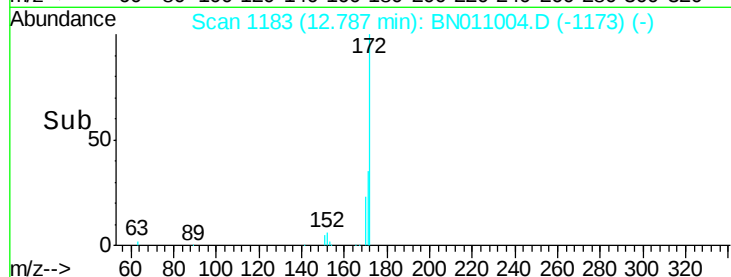
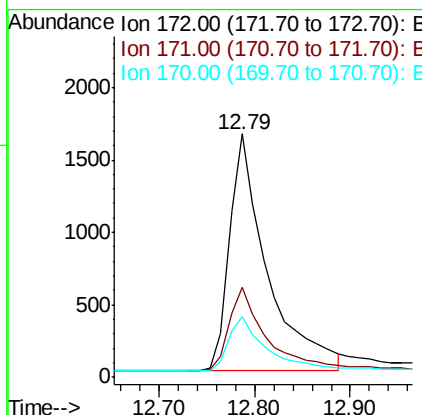
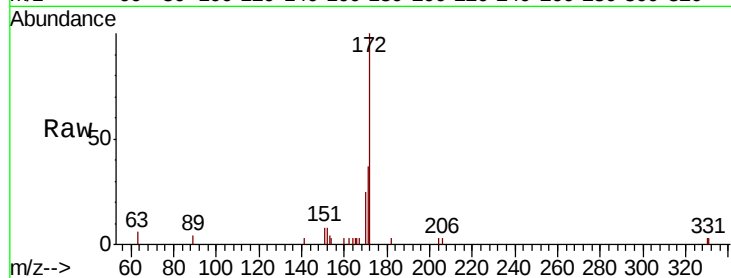




#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BN011004.D
Acq: 22 Jun 2020 12:04

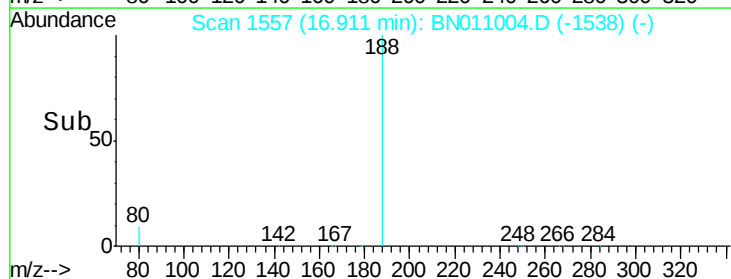
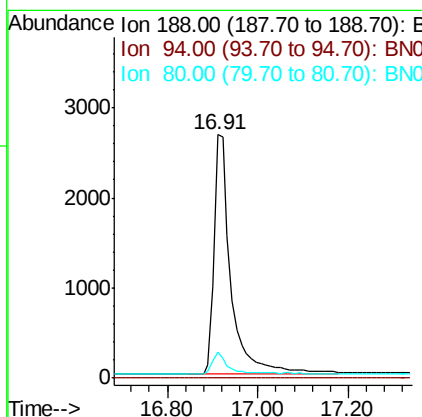
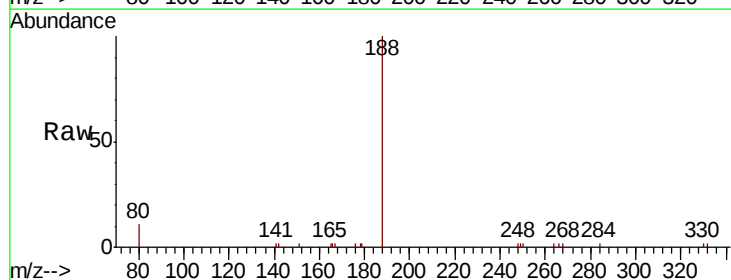
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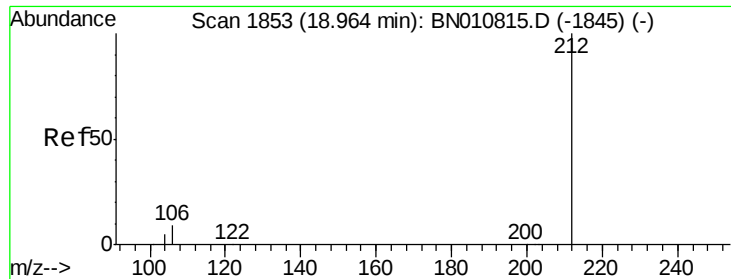
Tot Ion:172 Resp: 4503
Ion Ratio Lower Upper
172 100
171 37.2 28.5 42.7
170 24.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BN011004.D
Acq: 22 Jun 2020 12:04

Tgt Ion:188 Resp: 6988
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.273 ng

RT: 18.95 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

Instrument :

BNA_N

ClientSampleId :

PB129663BL

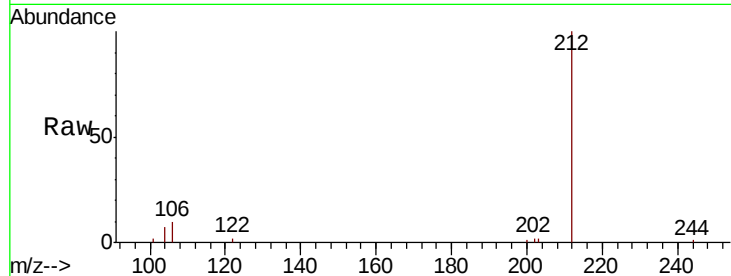
Tot Ion:212 Resp: 5264

Ion Ratio Lower Upper

212 100

106 9.0 6.6 10.0

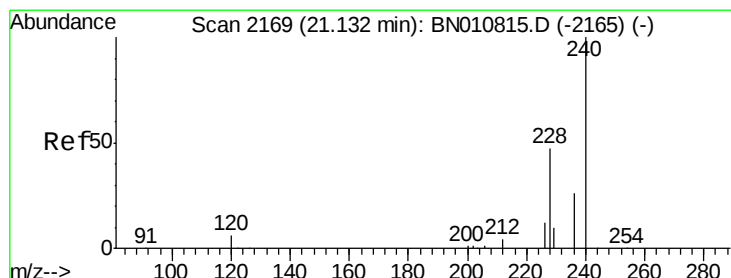
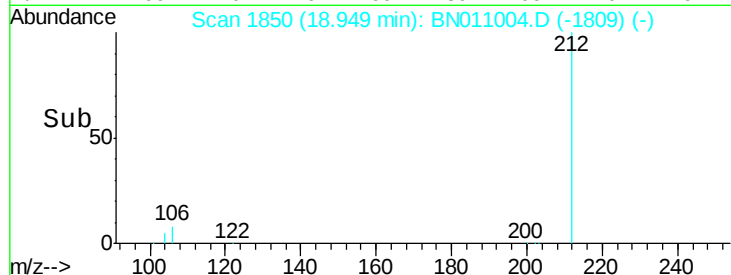
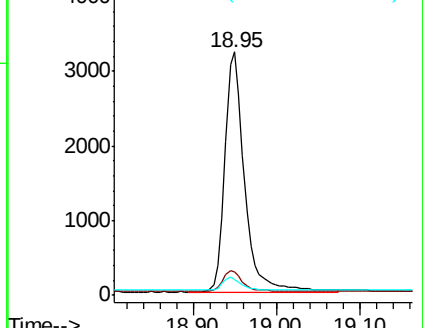
104 5.3 4.0 6.0



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: BN011004.D

Acq: 22 Jun 2020 12:04

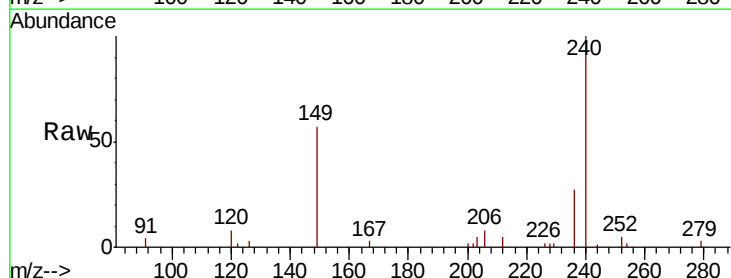
Tgt Ion:240 Resp: 6752

Ion Ratio Lower Upper

240 100

120 8.0 7.5 11.3

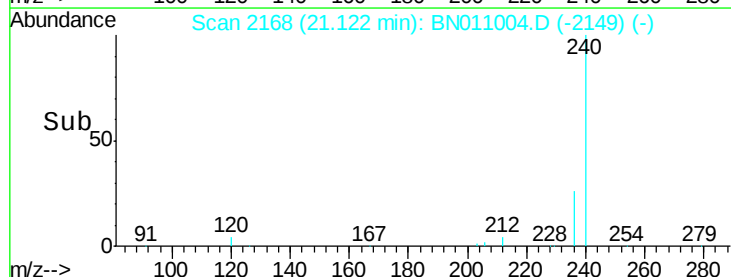
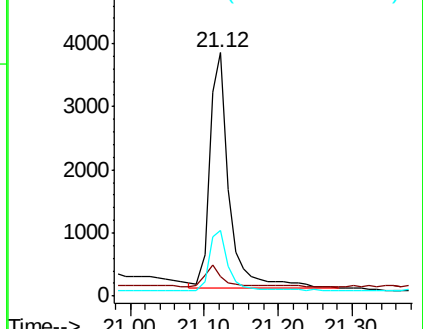
236 26.8 22.3 33.5

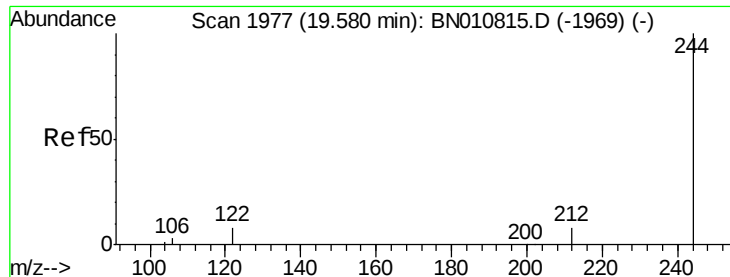


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.379 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN011004.D

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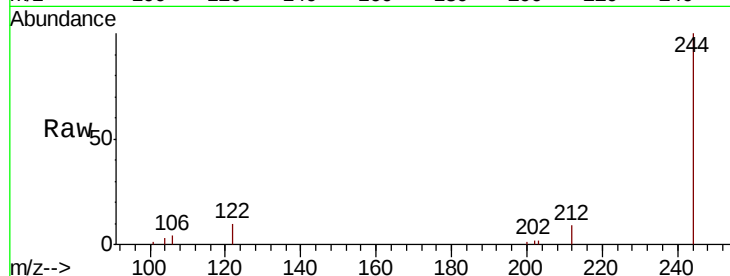
Tot Ion:244 Resp: 5988

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.2

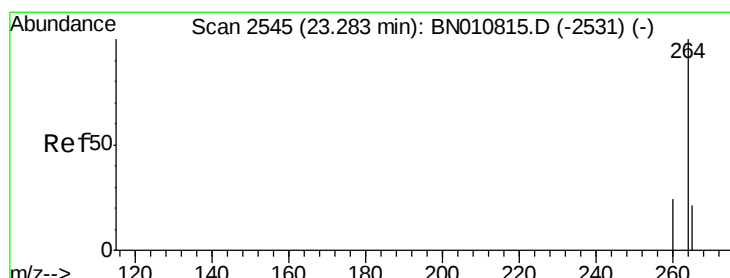
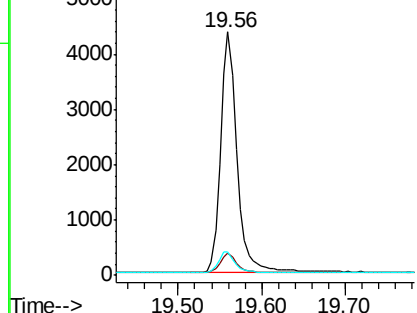
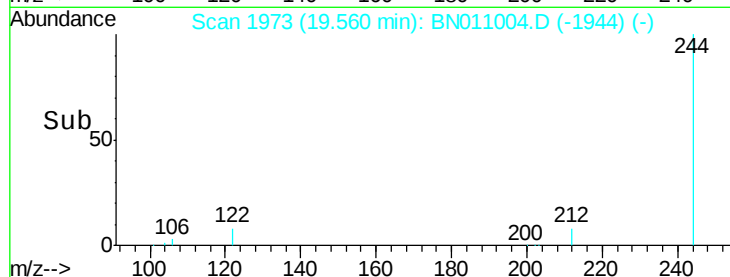
122 9.5 7.5 11.3



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: 23.26 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN011004.D

Acq: 22 Jun 2020 12:04

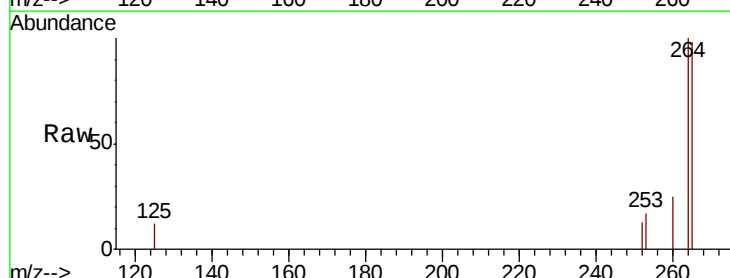
Tgt Ion:264 Resp: 5822

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 98.4 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

