

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
 Data File : BN011675.D
 Acq On : 27 Aug 2020 22:19
 Operator : CG/JU
 Sample : PB131252BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131252BL

Quant Time: Aug 28 00:40:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 14:34:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2174	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	7973	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4383	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	9516	0.40	ng	0.00
29) Chrysene-d12	21.32	240	8198	0.40	ng	0.00
36) Perylene-d12	23.58	264	8465	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	1989	0.32	ng	0.00
5) Phenol-d6	6.91	99	2456	0.29	ng	0.00
8) Nitrobenzene-d5	8.88	82	2576	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	4426	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	502	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	6216	0.34	ng	0.00
27) Fluoranthene-d10	19.16	212	8491	0.28	ng	0.00
31) Terphenyl-d14	19.77	244	7379	0.36	ng	0.00

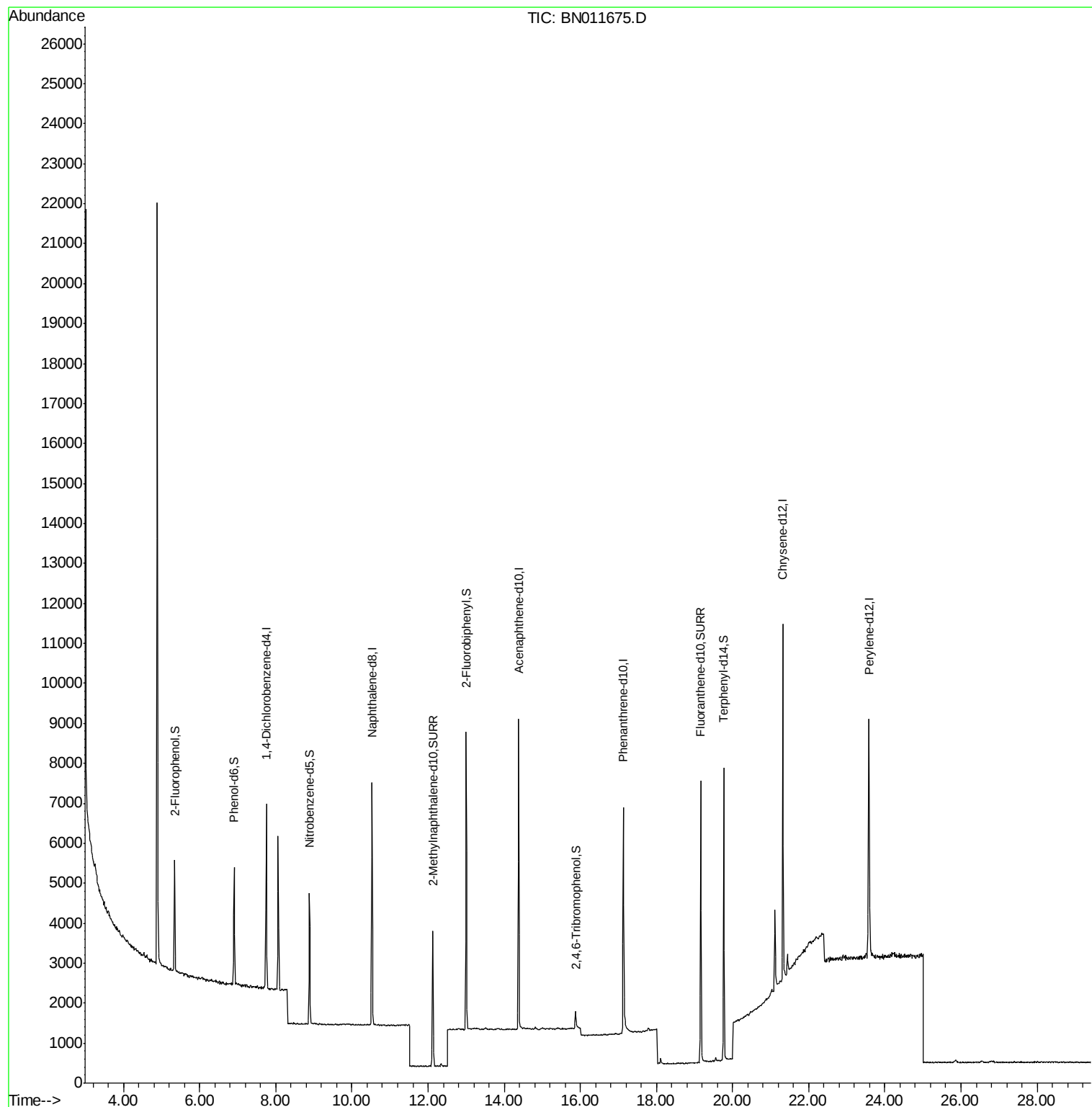
Target Compounds	Qvalue
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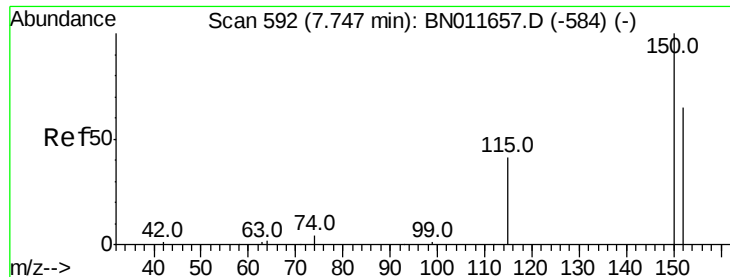
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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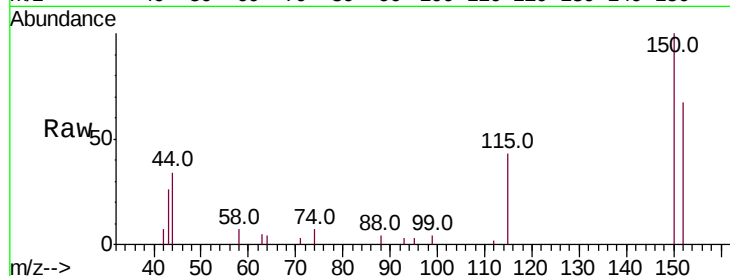


#1

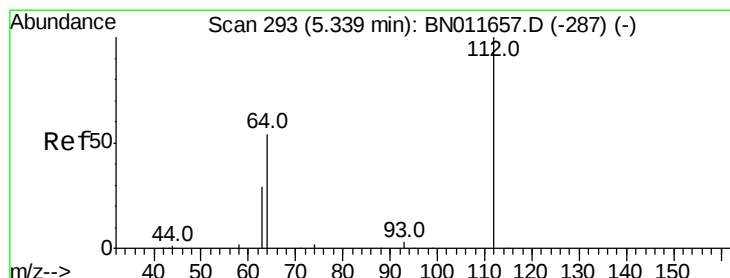
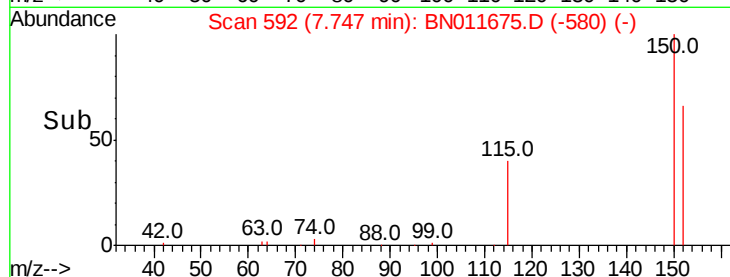
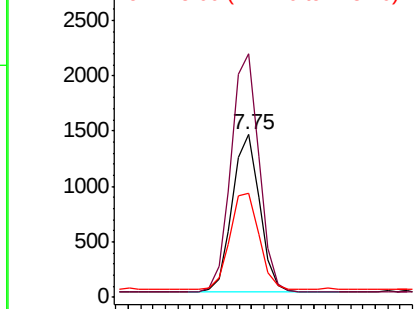
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN011675.D
Acq: 27 Aug 2020 22:19

Instrument :
BNA_N
ClientSampleId :
PB131252BL

Tot Ion:152 Resp: 2174
Ion Ratio Lower Upper
152 100
150 149.8 121.0 181.6
115 64.2 52.6 78.8



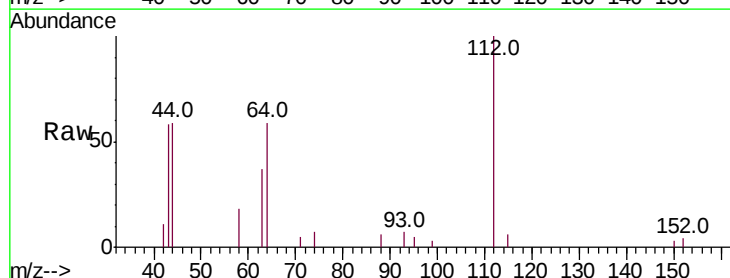
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



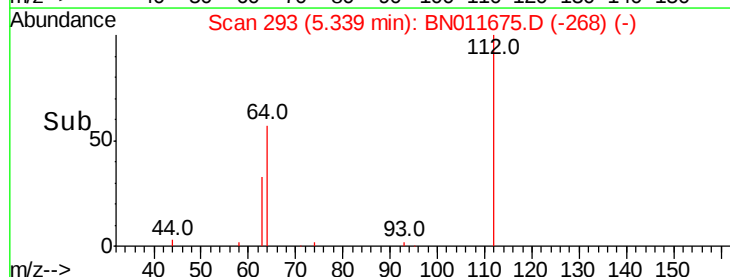
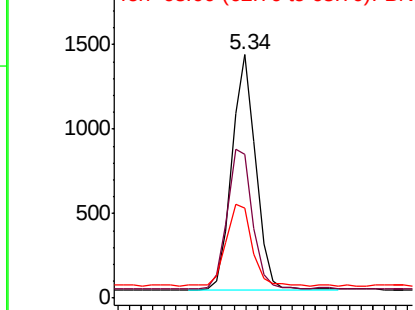
#4

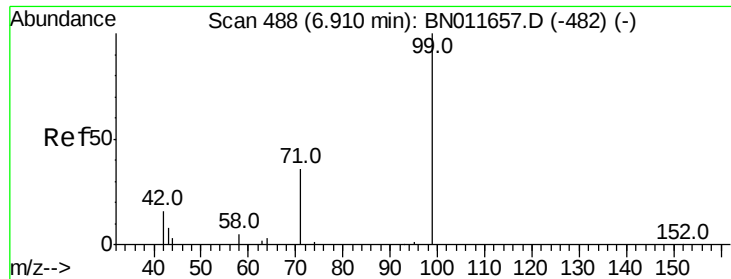
2-Fluorophenol
Concen: 0.324 ng
RT: 5.34 min Scan# 293
Delta R.T. 0.00 min
Lab File: BN011675.D
Acq: 27 Aug 2020 22:19

Tgt Ion:112 Resp: 1989
Ion Ratio Lower Upper
112 100
64 62.6 49.7 74.5
63 37.7 29.4 44.0



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: 0.294 ng

RT: 6.91 min Scan# 488

Delta R.T. 0.00 min

Lab File: BN011675.D

Acq: 27 Aug 2020 22:19

Instrument :

BNA_N

ClientSampleId :

PB131252BL

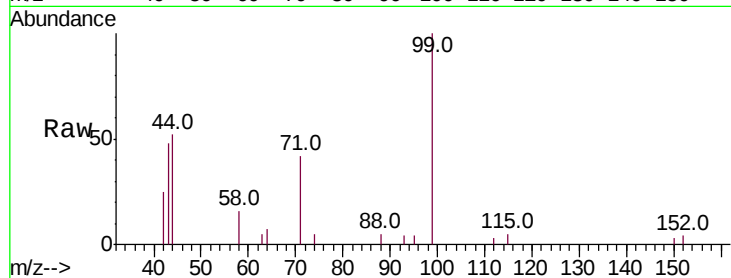
Tot Ion: 99 Resp: 2456

Ion Ratio Lower Upper

99 100

42 27.6 20.2 30.2

71 43.3 33.3 49.9

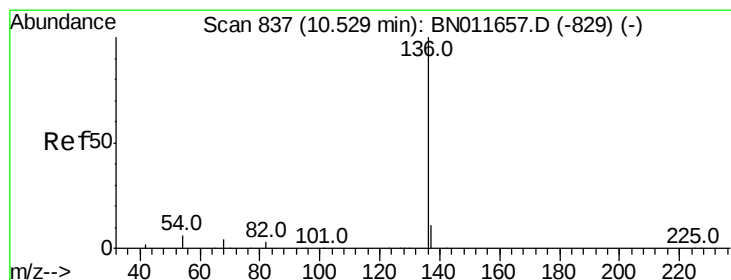
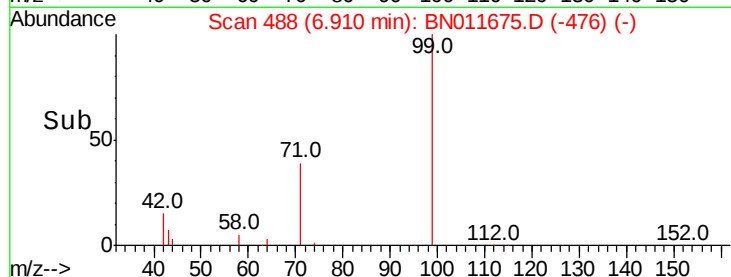
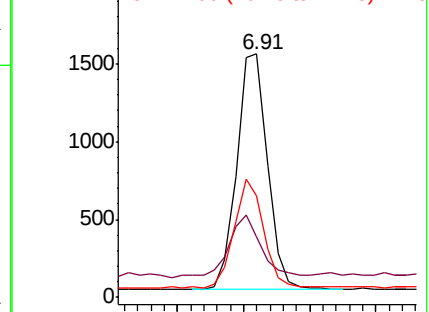


Abundance

Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011675.D

Acq: 27 Aug 2020 22:19

Tgt Ion: 136 Resp: 7973

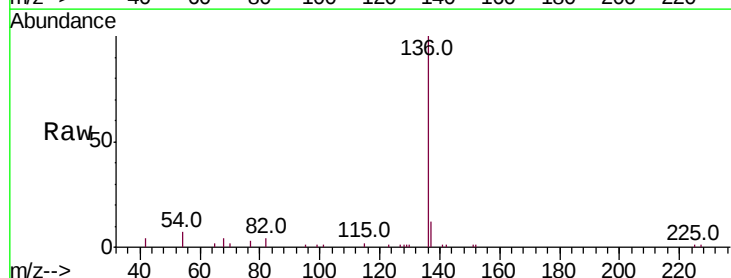
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 6.9 5.8 8.8

68 4.4 4.1 6.1



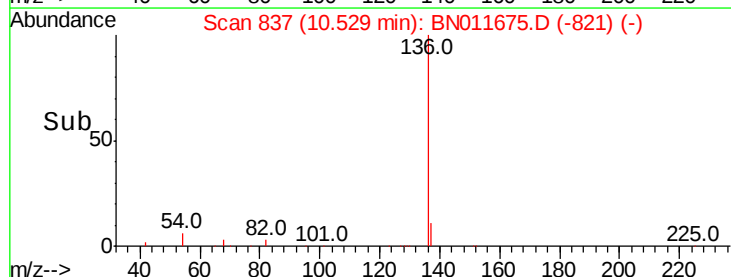
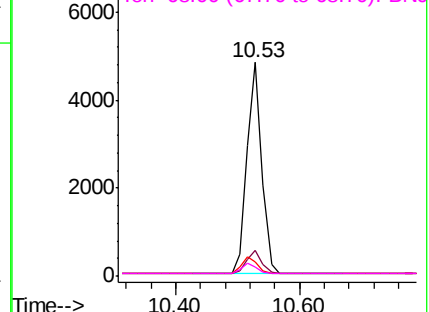
Abundance

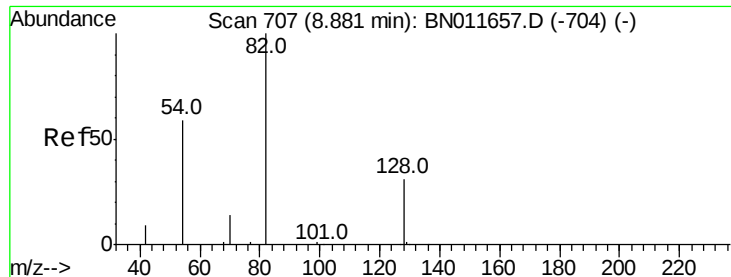
Ion 136.00 (135.70 to 136.70): BN0

Ion 137.00 (136.70 to 137.70): BN0

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





#8

Nitrobenzene-d5

Concen: 0.334 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011675.D

Acq: 27 Aug 2020 22:19

Instrument :

BNA_N

ClientSampleId :

PB131252BL

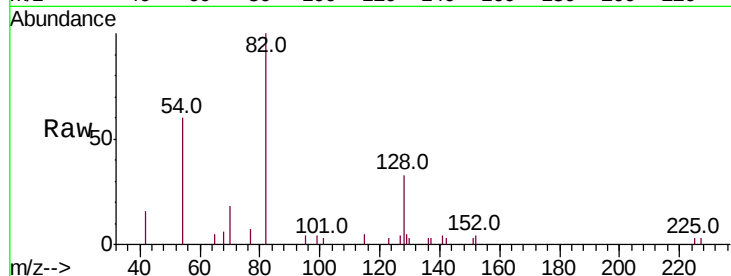
Tot Ion: 82 Resp: 2576

Ion Ratio Lower Upper

82 100

128 33.5 26.2 39.2

54 60.2 48.2 72.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC

8.88

1500

1000

500

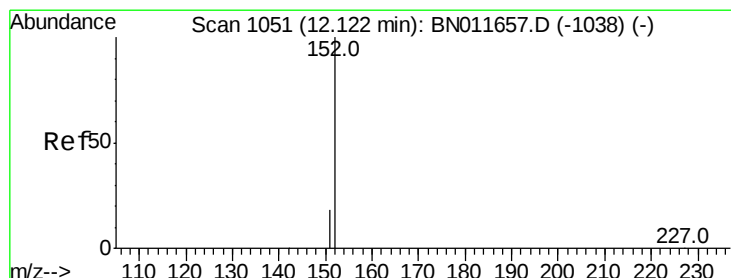
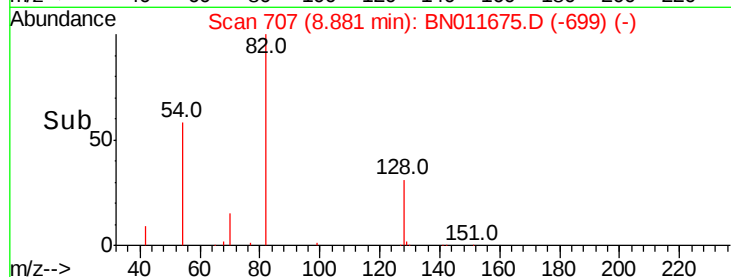
0

8.80

8.90

9.00

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.308 ng

RT: 12.12 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BN011675.D

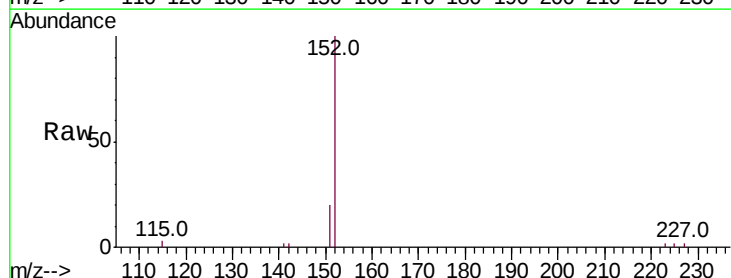
Acq: 27 Aug 2020 22:19

Tgt Ion: 152 Resp: 4426

Ion Ratio Lower Upper

152 100

151 21.1 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC

12.12

3000

2000

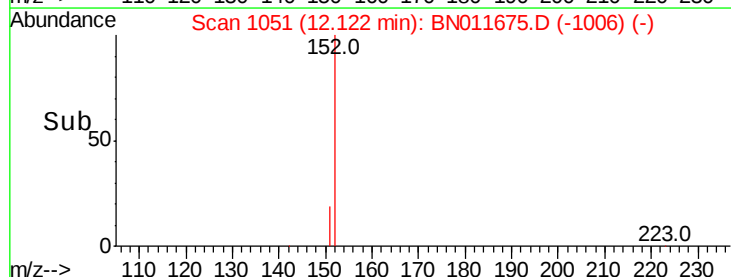
1000

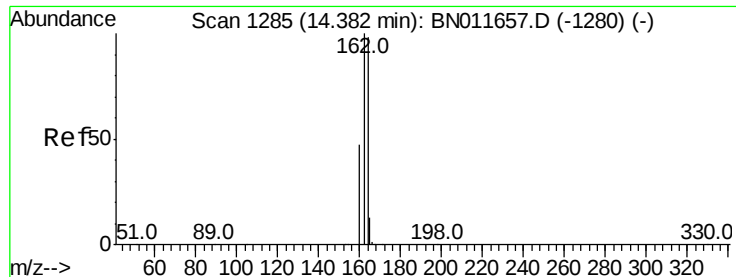
0

12.10

12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011675.D

Acq: 27 Aug 2020 22:19

Instrument :

BNA_N

ClientSampleId :

PB131252BL

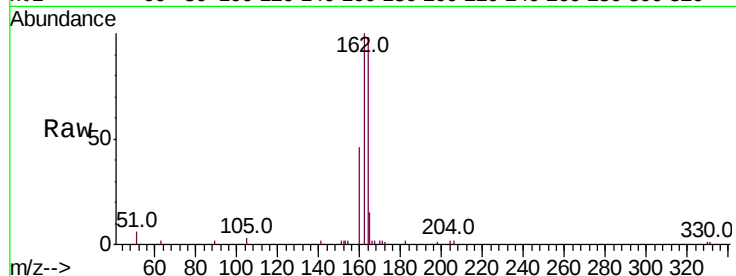
Tot Ion:164 Resp: 4383

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

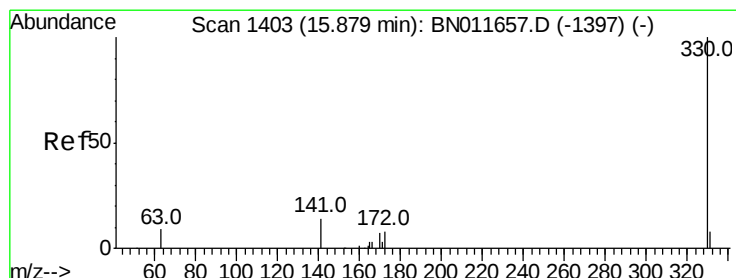
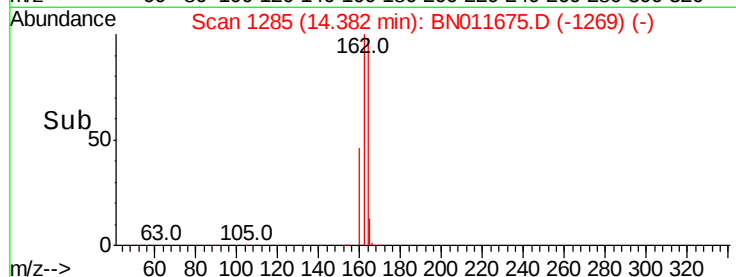
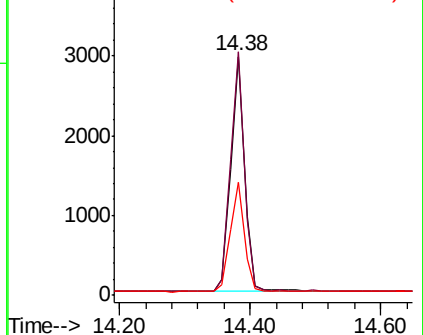
160 47.4 38.5 57.7



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: 0.236 ng

RT: 15.88 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN011675.D

Acq: 27 Aug 2020 22:19

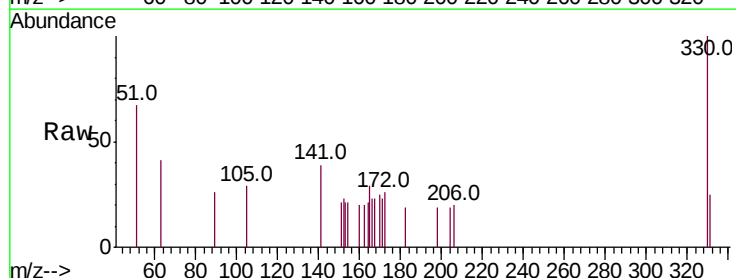
Tgt Ion:330 Resp: 502

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

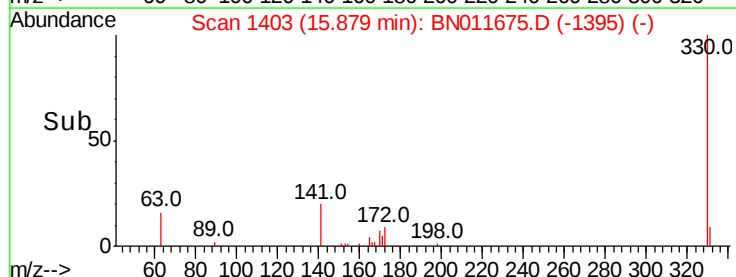
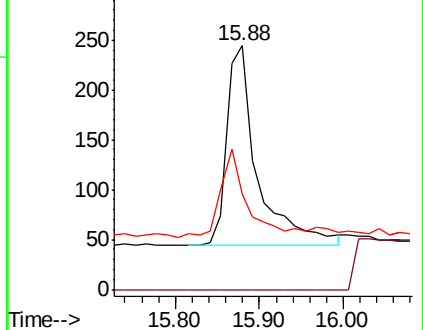
141 40.2 30.0 45.0

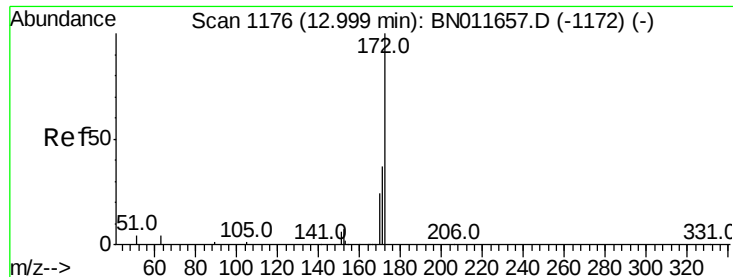


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

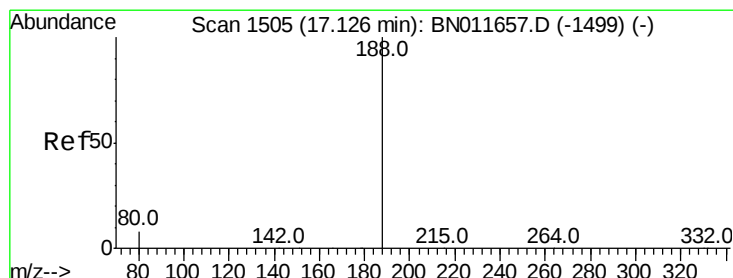
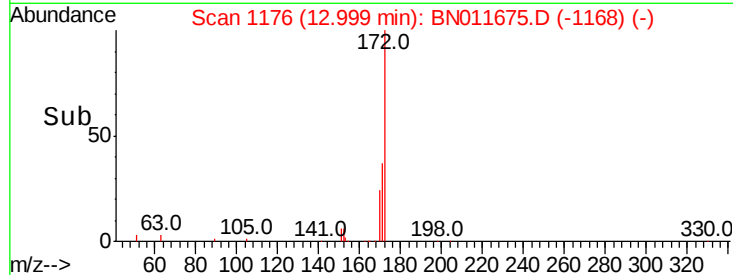
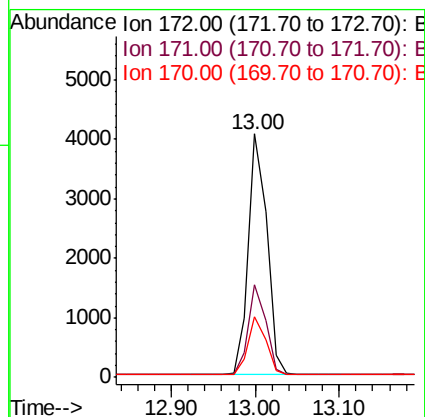
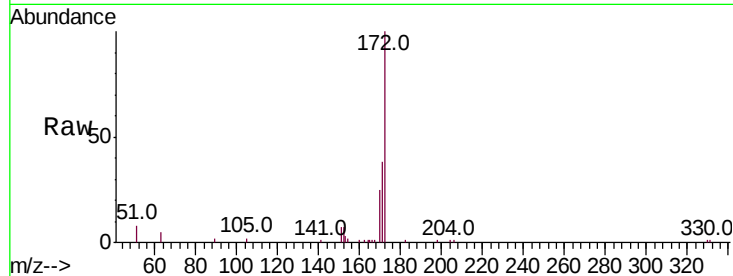




#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011675.D
Acq: 27 Aug 2020 22:19

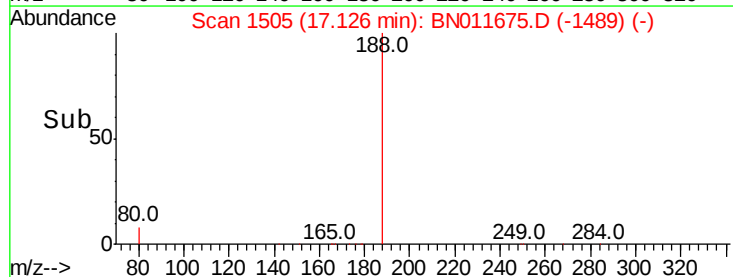
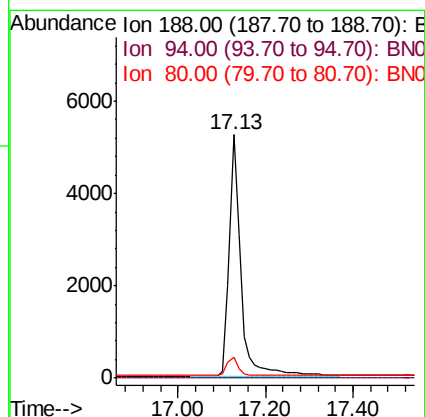
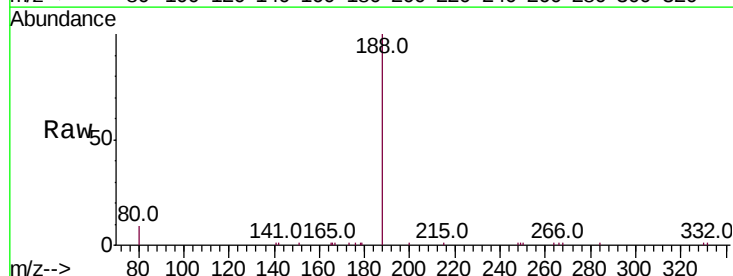
Instrument :
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PB131252BL

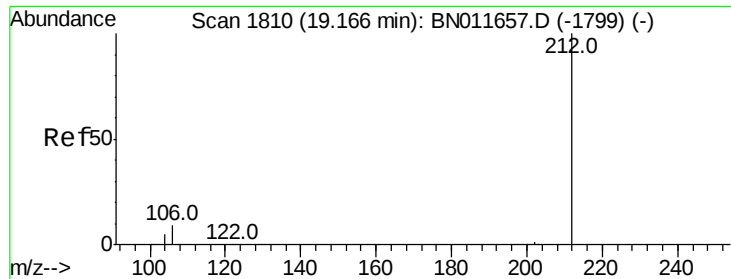
Tot Ion:172 Resp: 6216
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 24.8 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BN011675.D
Acq: 27 Aug 2020 22:19

Tgt Ion:188 Resp: 9516
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 6.6 9.8

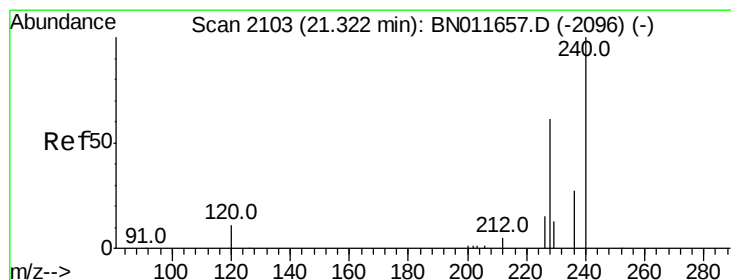
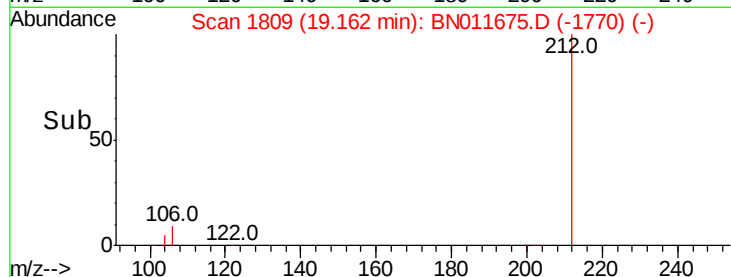
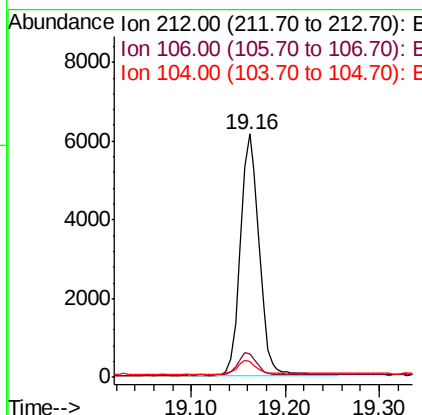
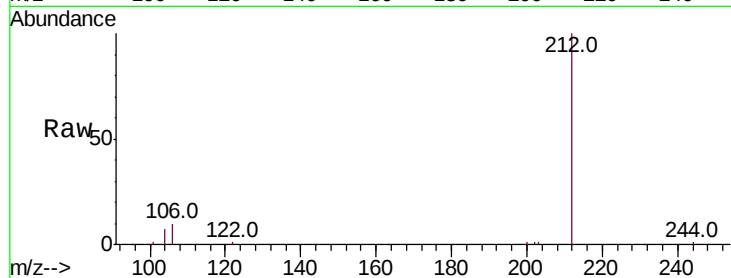




#27
 Fluoranthene-d10
 Concen: 0.278 ng
 RT: 19.16 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BN011675.D
 Acq: 27 Aug 2020 22:19

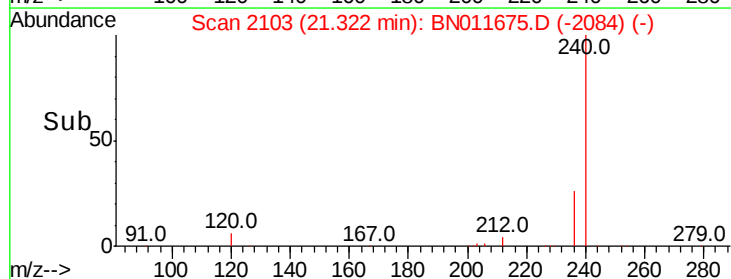
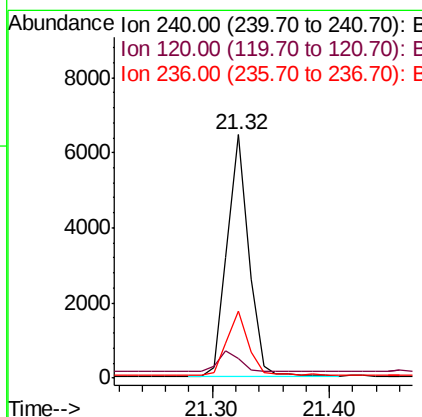
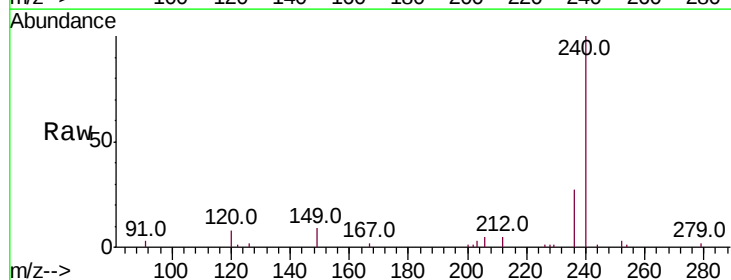
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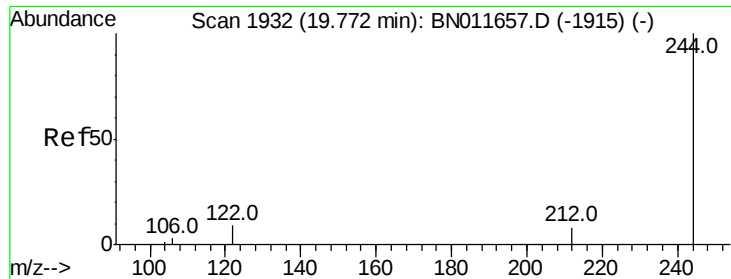
Tot Ion:212 Resp: 8491
 Ion Ratio Lower Upper
 212 100
 106 9.5 7.6 11.4
 104 5.5 4.6 6.8



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.32 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: BN011675.D
 Acq: 27 Aug 2020 22:19

Tgt Ion:240 Resp: 8198
 Ion Ratio Lower Upper
 240 100
 120 8.1 9.9 14.9#
 236 27.3 22.2 33.4





#31

Terphenyl-d14

Concen: 0.363 ng

RT: 19.77 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BN011675.D

Acq: 27 Aug 2020 22:19

Instrument :

BNA_N

ClientSampleId :

PB131252BL

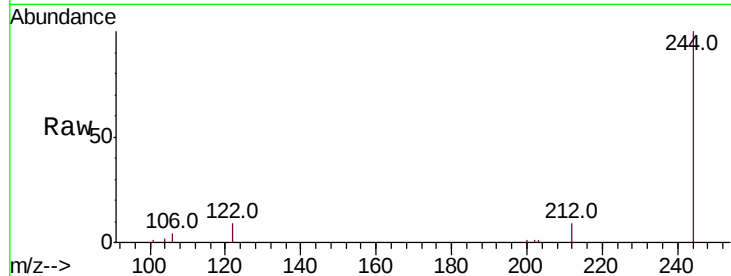
Tot Ion:244 Resp: 7379

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

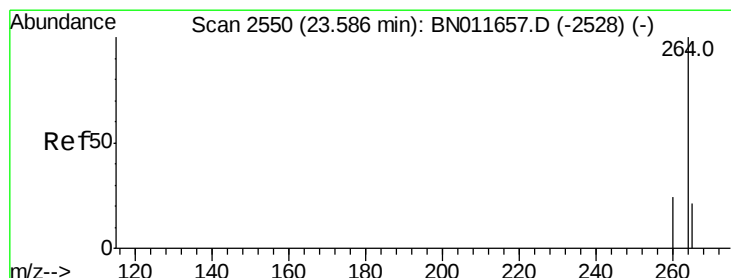
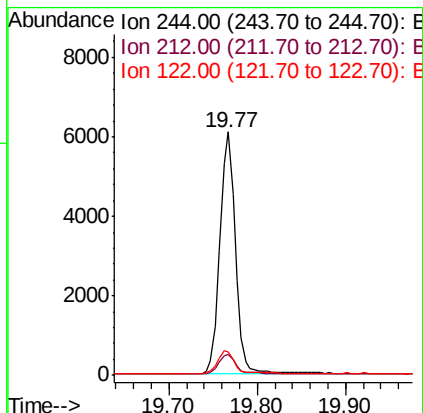
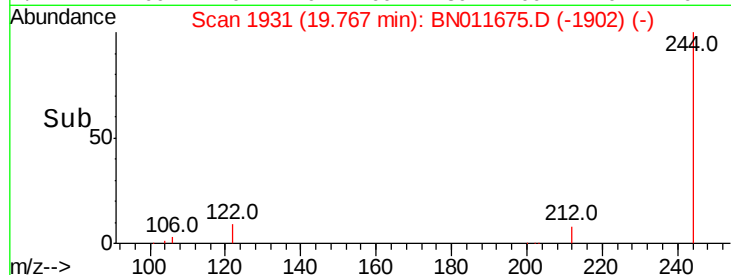
122 9.5 7.4 11.2



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.58 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BN011675.D

Acq: 27 Aug 2020 22:19

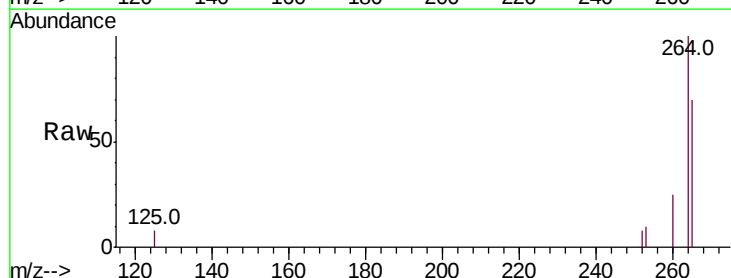
Tgt Ion:264 Resp: 8465

Ion Ratio Lower Upper

264 100

260 25.4 19.8 29.6

265 69.6 38.9 58.3#



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

