

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
 Data File : BN011645.D
 Acq On : 26 Aug 2020 15:08
 Operator : CG/JU
 Sample : PB131179BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131179BL

Quant Time: Aug 26 15:50:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2067	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	7864	0.40	ng	-0.01
13) Acenaphthene-d10	14.38	164	4475	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	9772	0.40	ng	-0.01
29) Chrysene-d12	21.32	240	9704	0.40	ng	-0.01
36) Perylene-d12	23.58	264	11237	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1758	0.27	ng	0.00
5) Phenol-d6	6.91	99	2191	0.23	ng	0.00
8) Nitrobenzene-d5	8.89	82	2158	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	3711	0.25	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	251	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	5138	0.29	ng	-0.01
27) Fluoranthene-d10	19.17	212	8062	0.25	ng	0.00
31) Terphenyl-d14	19.77	244	7153	0.29	ng	0.00

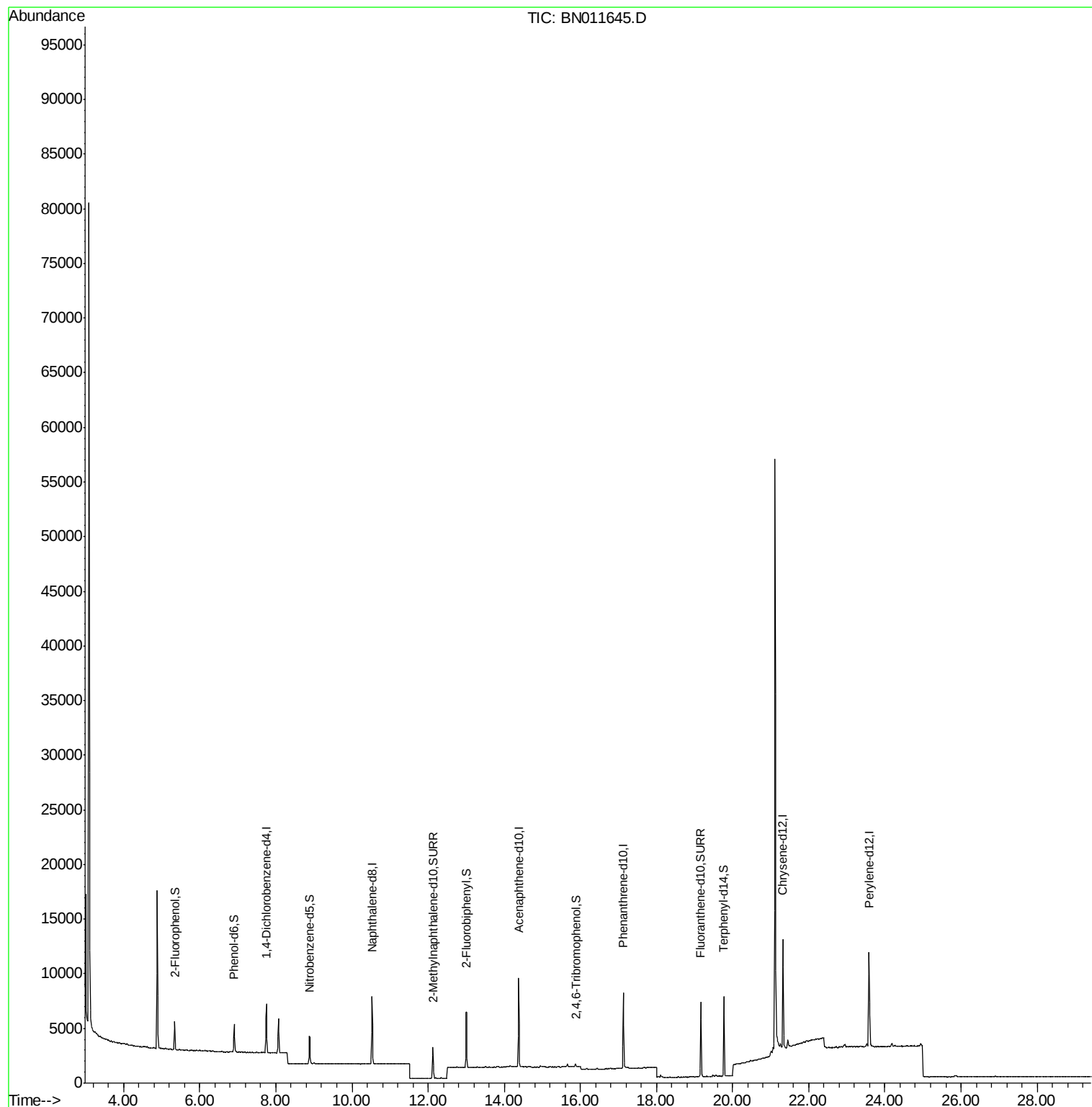
Target Compounds	Qvalue
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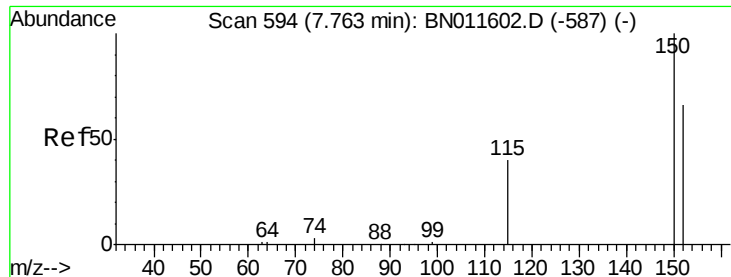
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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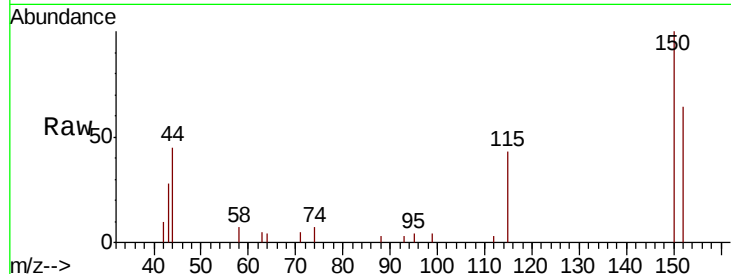


#1

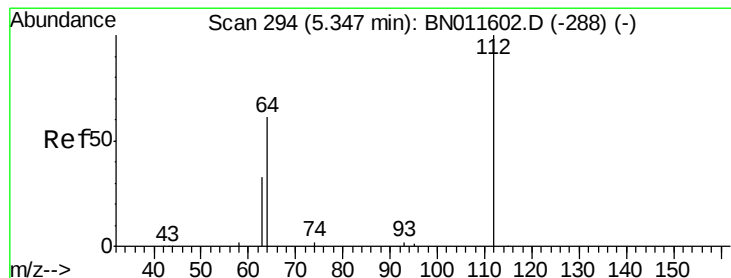
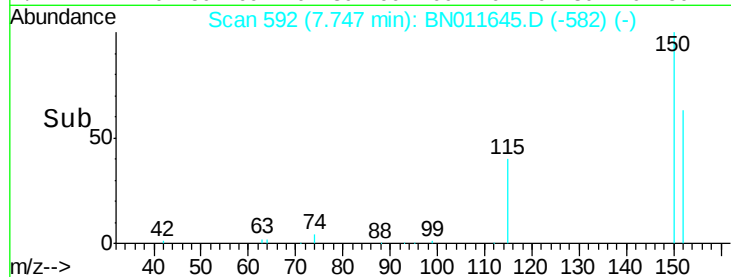
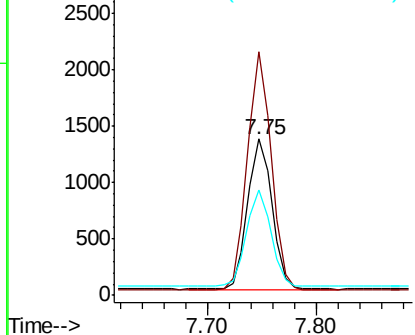
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. -0.02 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Instrument :
BNA_N
ClientSampleId :
PB131179BL

Tot Ion:152 Resp: 2067
Ion Ratio Lower Upper
152 100
150 155.6 112.4 168.6
115 67.6 56.9 85.3



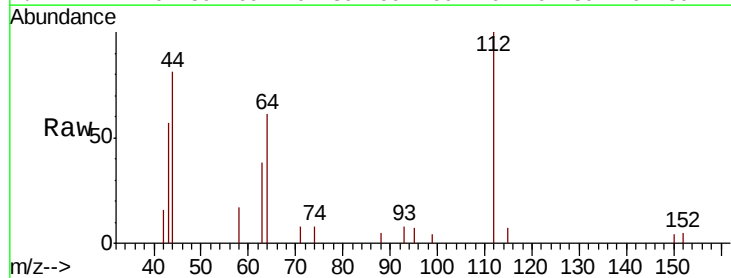
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



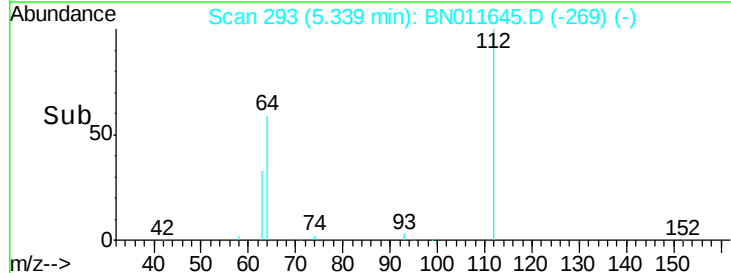
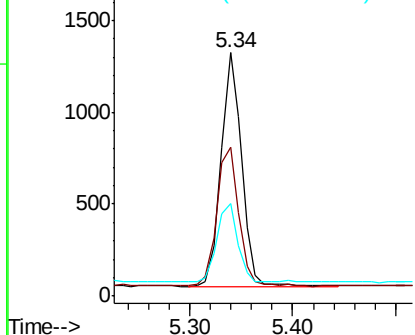
#4

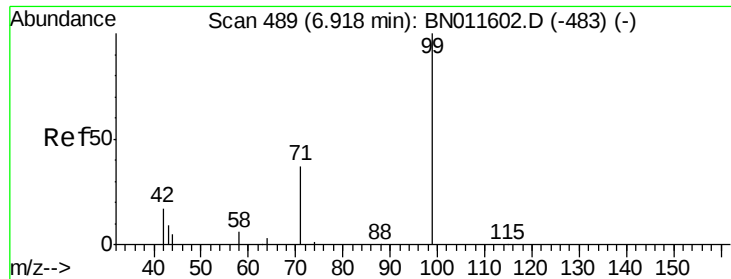
2-Fluorophenol
Concen: 0.266 ng
RT: 5.34 min Scan# 293
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Tgt Ion:112 Resp: 1758
Ion Ratio Lower Upper
112 100
64 64.2 49.6 74.4
63 34.2 26.4 39.6



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: 0.234 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011645.D

Acq: 26 Aug 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB131179BL

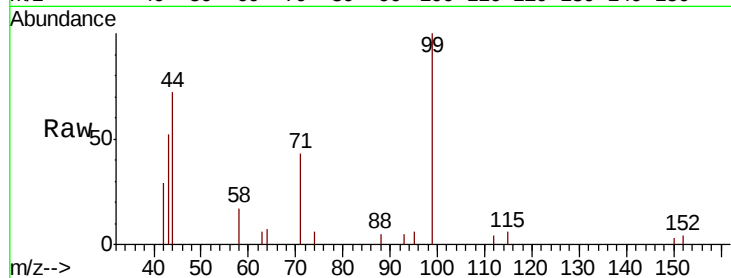
Tot Ion: 99 Resp: 2191

Ion Ratio Lower Upper

99 100

42 22.2 0.0 0.0#

71 41.1 0.0 0.0#

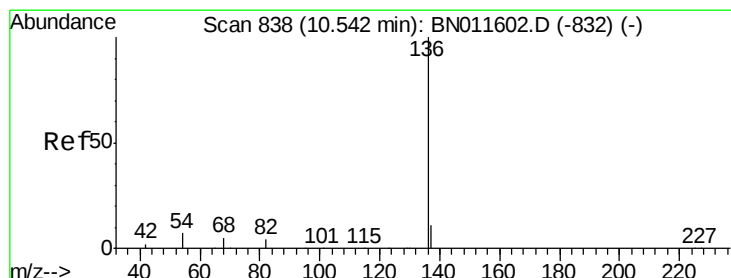
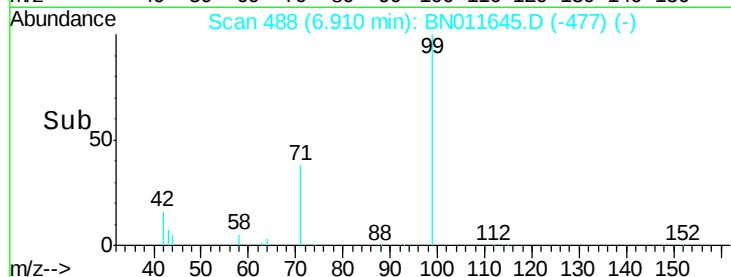


Abundance Ion 99.00 (98.70 to 99.70): BN011602.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011602.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011602.D (-483) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN011645.D

Acq: 26 Aug 2020 15:08

Tgt Ion: 136 Resp: 7864

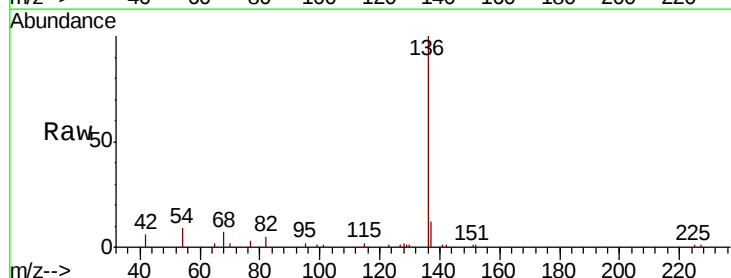
Ion Ratio Lower Upper

136 100

137 12.0 11.5 17.3

54 8.8 11.9 17.9#

68 6.6 12.3 18.5#



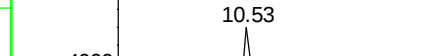
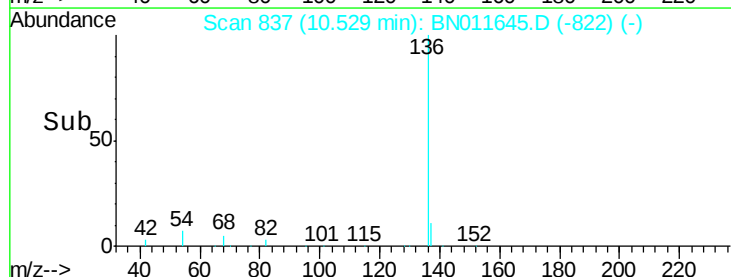
Abundance Ion 136.00 (135.70 to 136.70): BN011602.D (-832) (-)

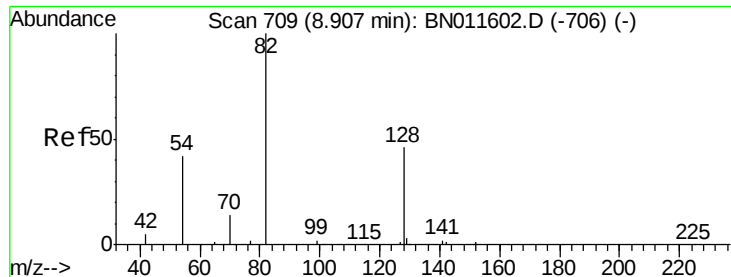
Ion 137.00 (136.70 to 137.70): BN011602.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN011602.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN011602.D (-832) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.317 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011645.D

Acq: 26 Aug 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB131179BL

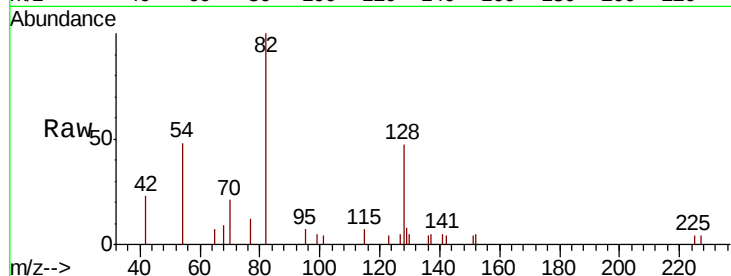
Tot Ion: 82 Resp: 2158

Ion Ratio Lower Upper

82 100

128 47.4 31.1 46.7#

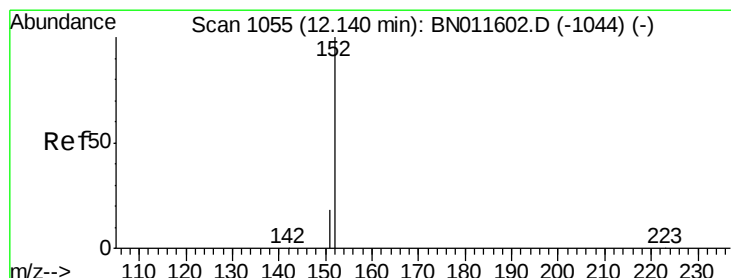
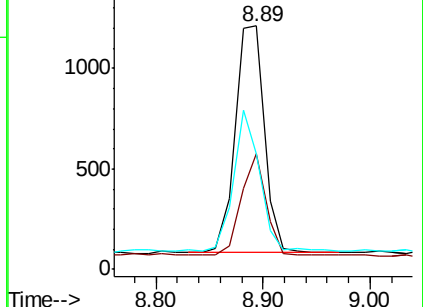
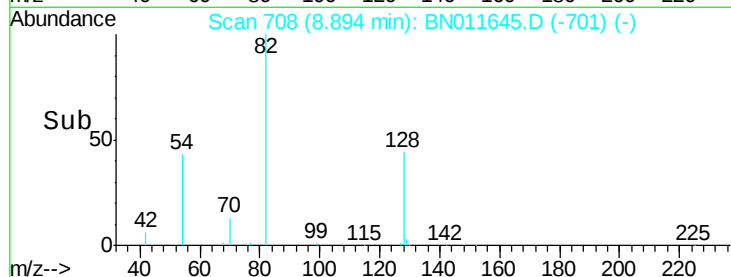
54 47.6 37.1 55.7



Abundance Ion 82.00 (81.70 to 82.70): BN011645.D (-701) (-)

Ion 128.00 (127.70 to 128.70): BN011645.D (-701) (-)

Ion 54.00 (53.70 to 54.70): BN011645.D (-701) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.249 ng

RT: 12.13 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BN011645.D

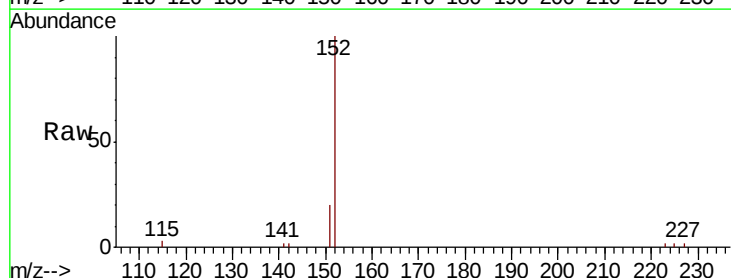
Acq: 26 Aug 2020 15:08

Tgt Ion: 152 Resp: 3711

Ion Ratio Lower Upper

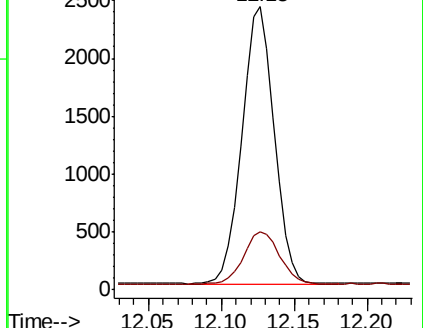
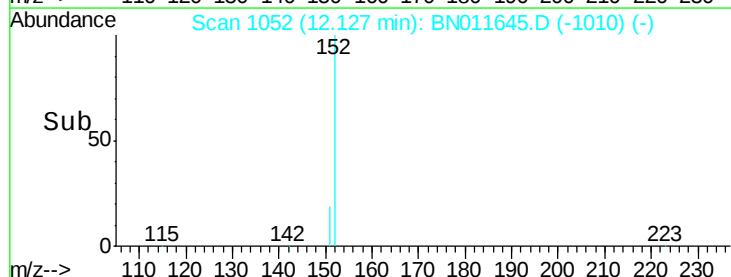
152 100

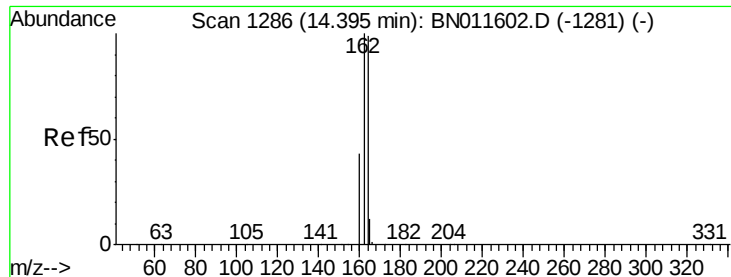
151 20.9 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): BN011645.D (-1010) (-)

Ion 151.00 (150.70 to 151.70): BN011645.D (-1010) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BN011645.D

Acq: 26 Aug 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB131179BL

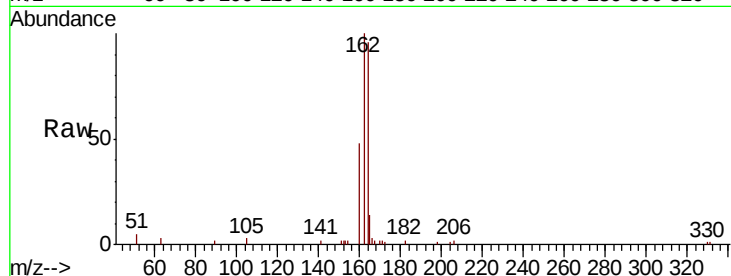
Tot Ion:164 Resp: 4475

Ion Ratio Lower Upper

164 100

162 103.6 80.8 121.2

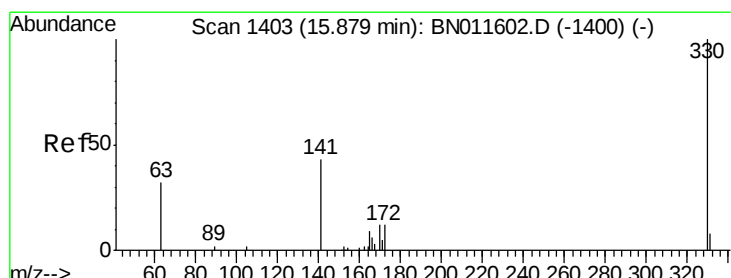
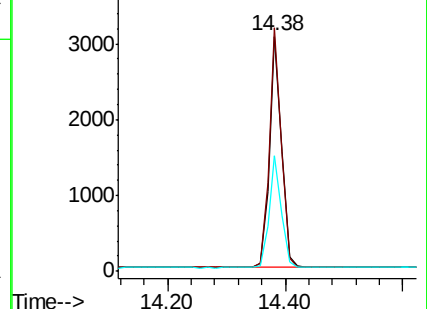
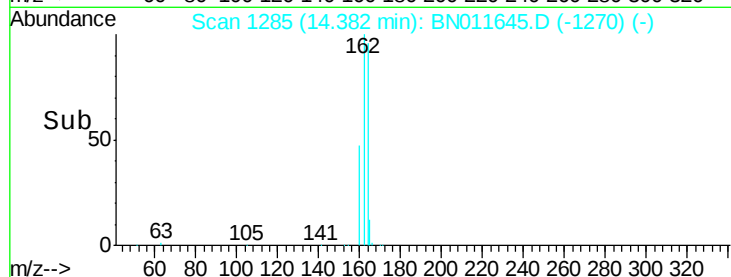
160 49.4 35.6 53.4



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: 0.102 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011645.D

Acq: 26 Aug 2020 15:08

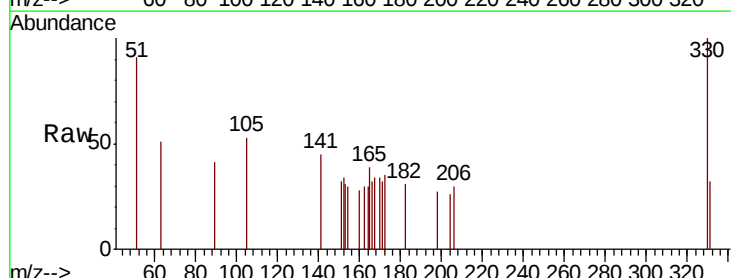
Tgt Ion:330 Resp: 251

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

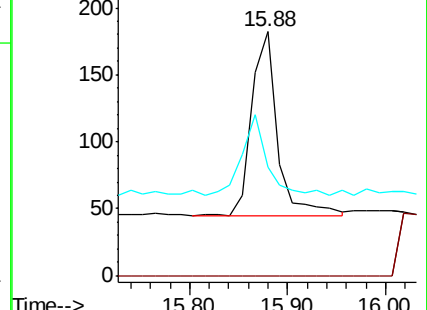
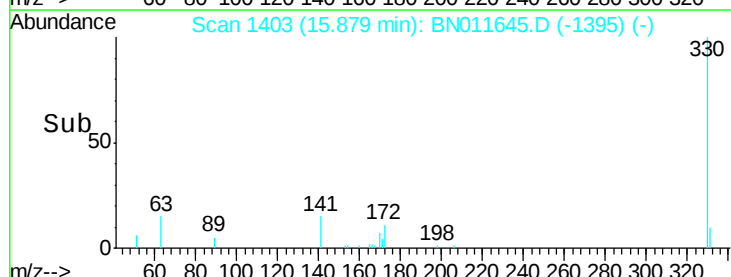
141 43.8 29.4 44.2

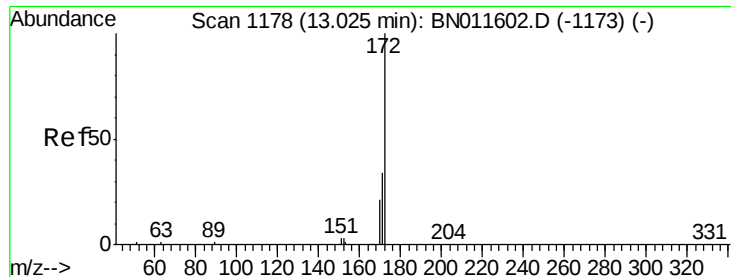


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

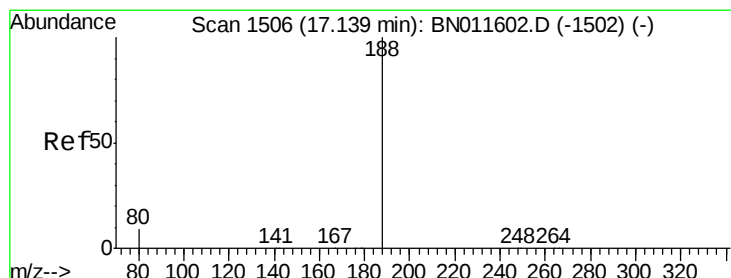
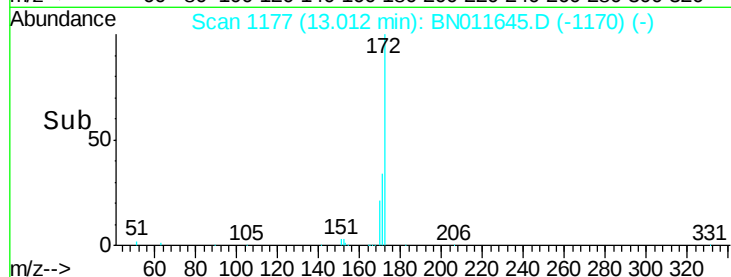
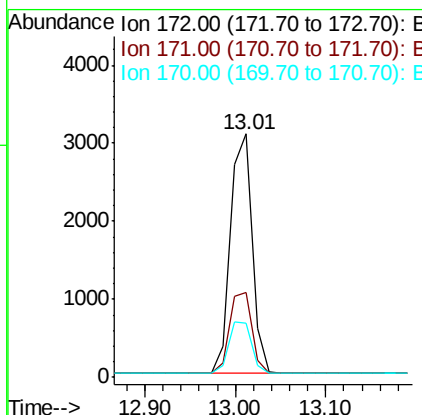
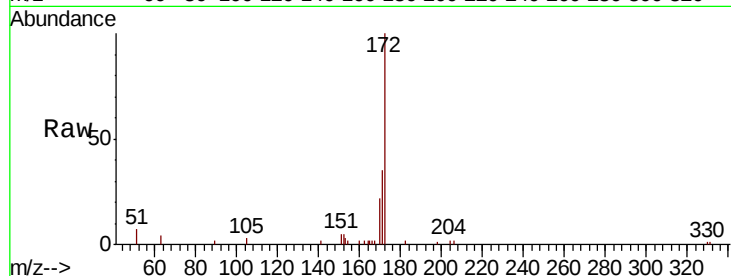




#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

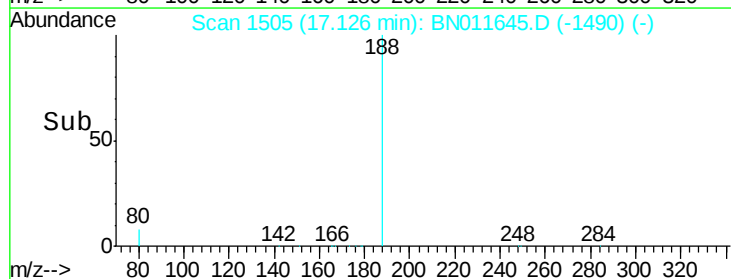
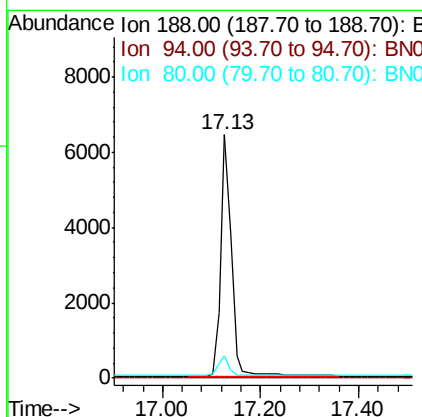
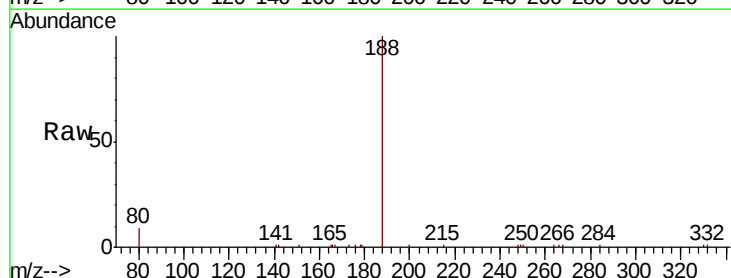
Instrument :
BNA_N
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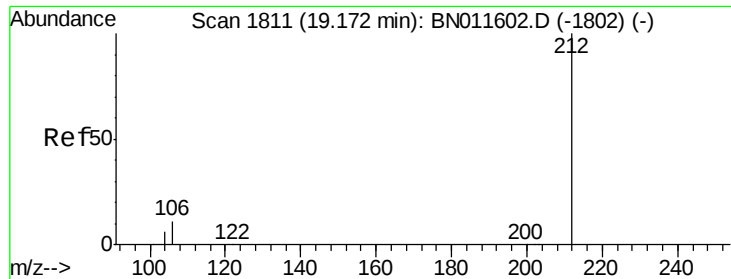
Tot Ion:172 Resp: 5138
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 22.2 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Tgt Ion:188 Resp: 9772
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 9.2 13.8#

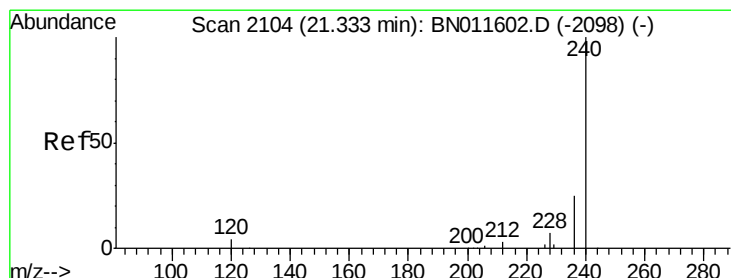
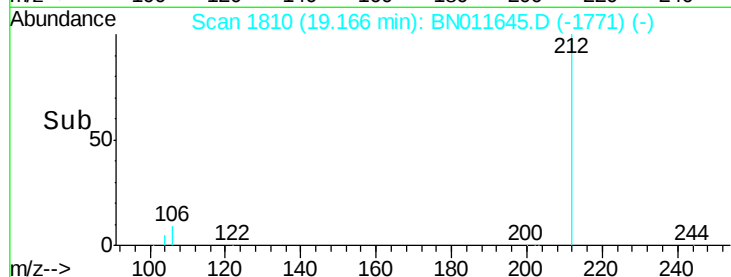
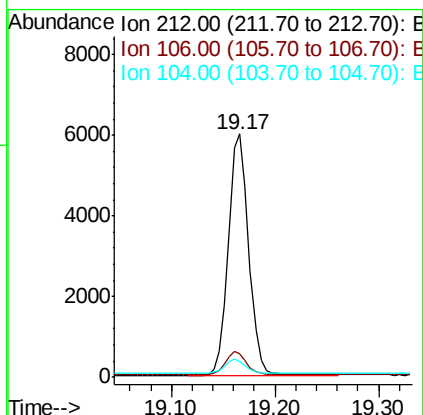
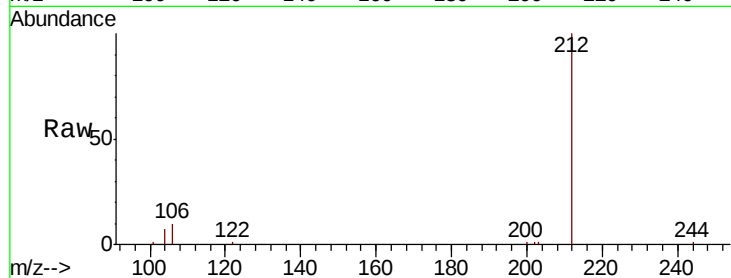




#27
 Fluoranthene-d10
 Concen: 0.253 ng
 RT: 19.17 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BN011645.D
 Acq: 26 Aug 2020 15:08

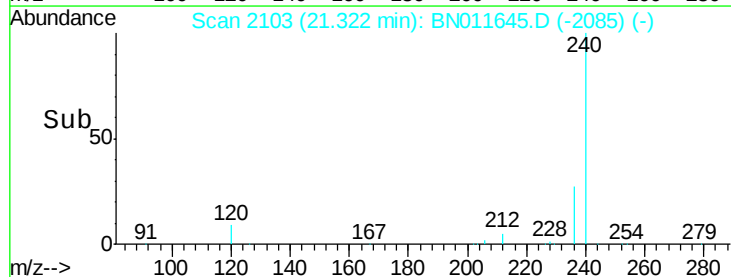
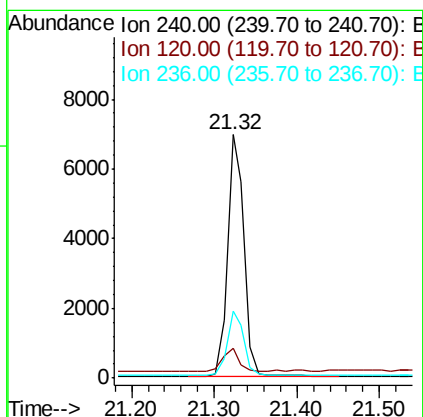
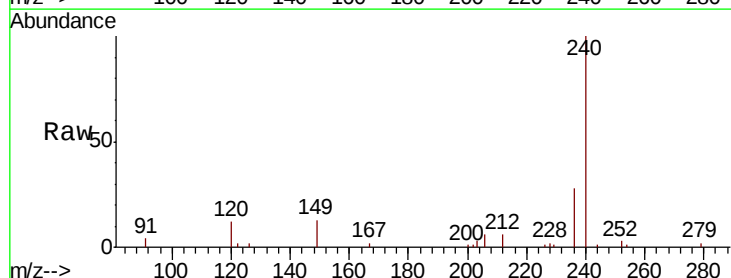
Instrument :
 BNA_N
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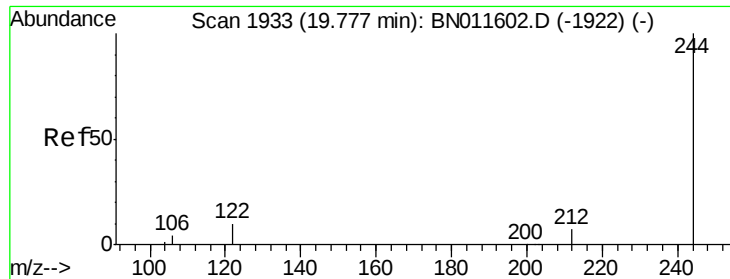
Tot Ion:212 Resp: 8062
 Ion Ratio Lower Upper
 212 100
 106 9.6 8.9 13.3
 104 5.8 5.3 7.9



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.32 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BN011645.D
 Acq: 26 Aug 2020 15:08

Tgt Ion:240 Resp: 9704
 Ion Ratio Lower Upper
 240 100
 120 12.3 6.0 9.0#
 236 27.7 20.8 31.2





#31

Terphenyl-d14

Concen: 0.288 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN011645.D

Acq: 26 Aug 2020 15:08

Instrument :

BNA_N

ClientSampleId :

PB131179BL

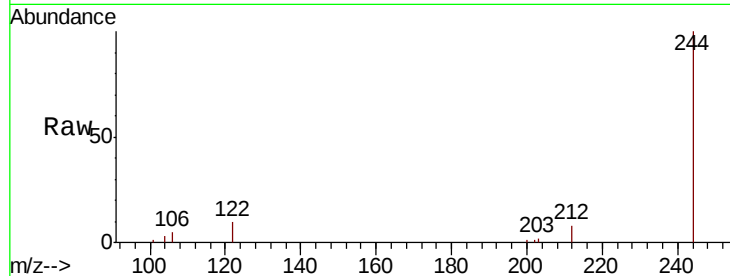
Tot Ion:244 Resp: 7153

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

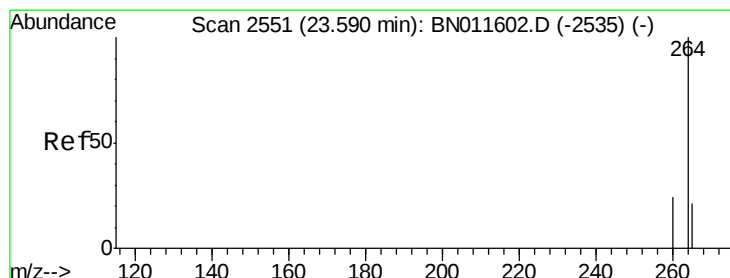
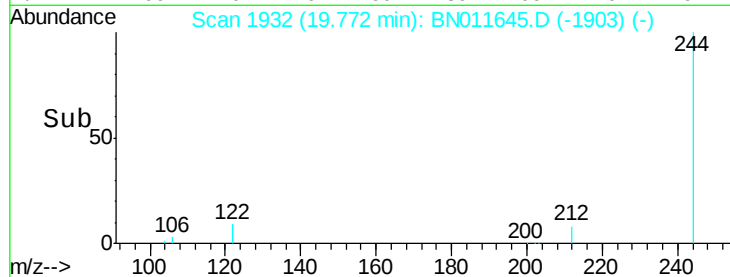
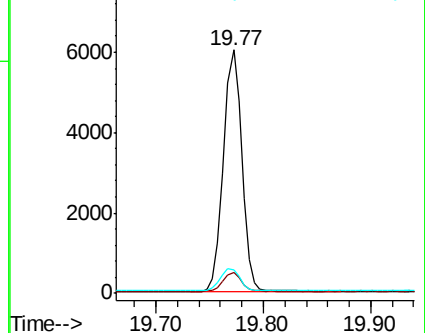
122 9.9 9.5 14.3



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.58 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BN011645.D

Acq: 26 Aug 2020 15:08

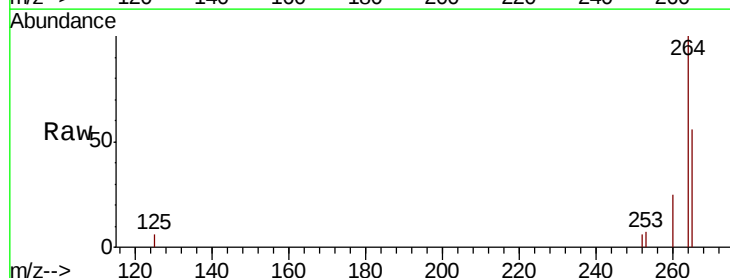
Tgt Ion:264 Resp: 11237

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 56.4 40.7 61.1



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

