

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007620.D
 Acq On : 13 Sep 2019 11:03
 Operator : HP/JU
 Sample : PB122882BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122882BL

Quant Time: Sep 16 11:37:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	9517	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	36849	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	18183	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	41092	0.40	ng	0.00
27) Chrysene-d12	21.27	240	36247	0.40	ng	0.00
34) Perylene-d12	23.50	264	35934	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	5893	0.19	ng	0.00
5) Phenol-d6	6.90	99	7936	0.22	ng	0.00
8) Nitrobenzene-d5	8.86	82	5752	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	13744	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	918	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	18092	0.23	ng	0.00
25) Fluoranthene-d10	19.11	212	26802	0.21	ng	0.00
29) Terphenyl-d14	19.72	244	21764	0.23	ng	0.00

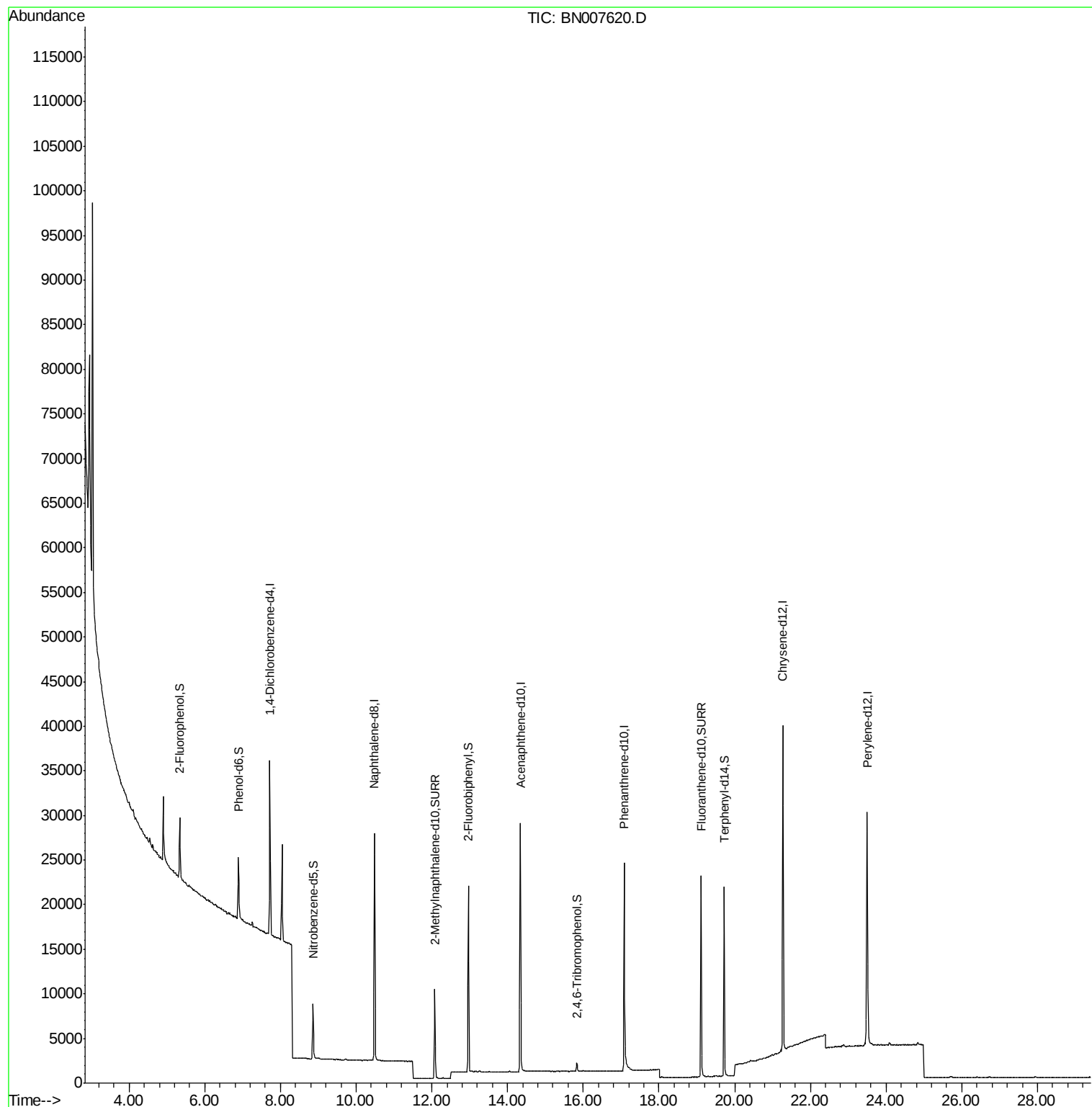
Target Compounds	Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 607

Delta R.T. -0.01 min

Lab File: BN007620.D

Acq: 13 Sep 2019 11:03

Instrument :

BNA_N

ClientSampleId :

PB122882BL

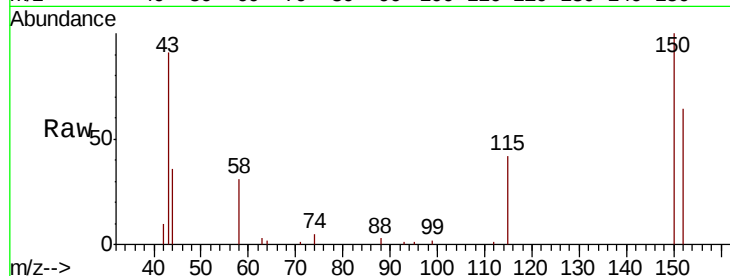
Tot Ion:152 Resp: 9517

Ion Ratio Lower Upper

152 100

150 157.0 122.4 183.6

115 65.8 50.4 75.6

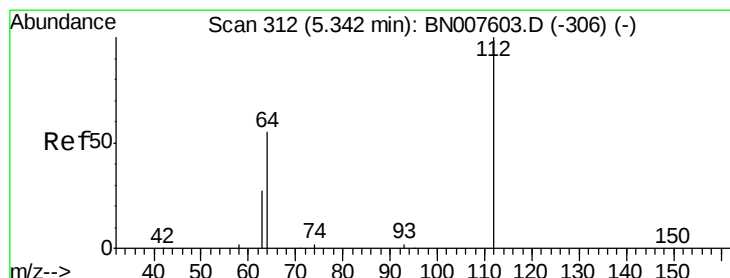
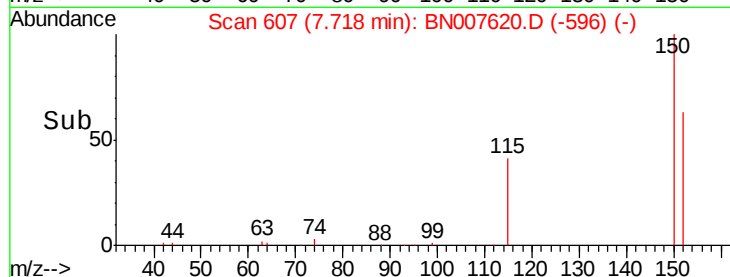
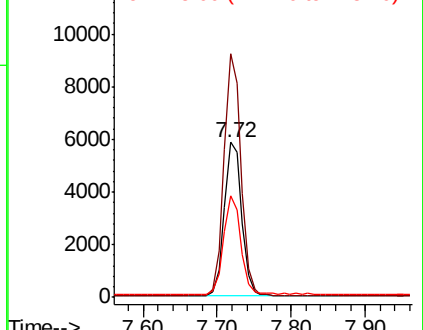


Abundance

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: 0.193 ng

RT: 5.34 min Scan# 312

Delta R.T. -0.00 min

Lab File: BN007620.D

Acq: 13 Sep 2019 11:03

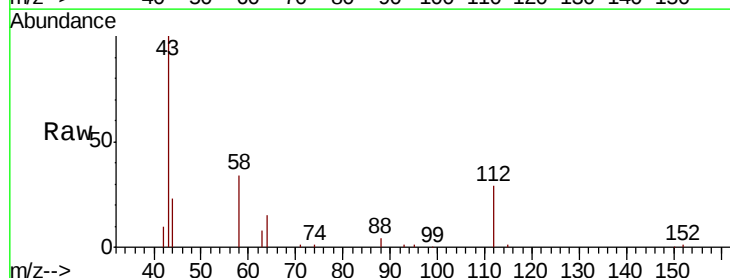
Tgt Ion:112 Resp: 5893

Ion Ratio Lower Upper

112 100

64 60.0 48.5 72.7

63 29.6 24.4 36.6

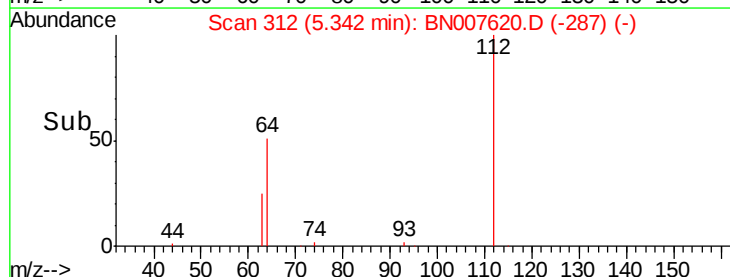
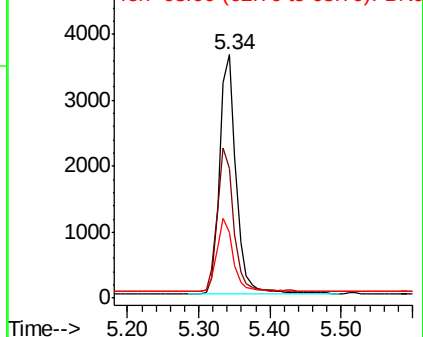


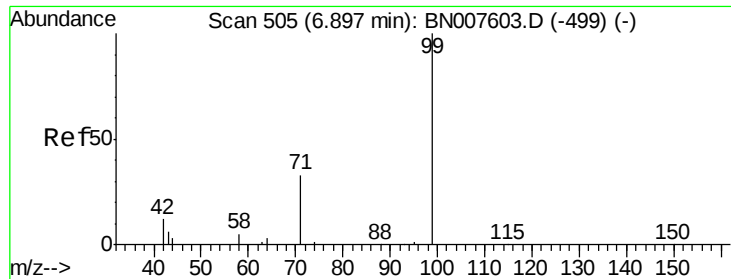
Abundance

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: 0.217 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007620.D

Acq: 13 Sep 2019 11:03

Instrument :

BNA_N

ClientSampleId :

PB122882BL

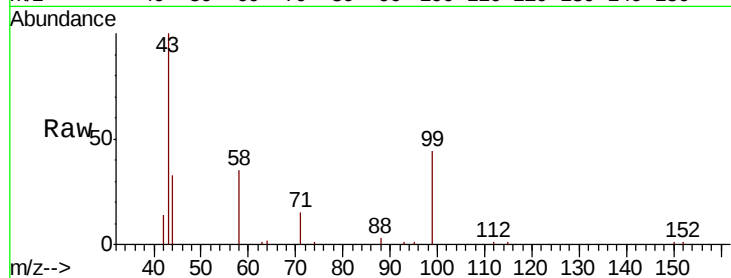
Tot Ion: 99 Resp: 7936

Ion Ratio Lower Upper

99 100

42 15.7 11.8 17.6

71 35.2 28.0 42.0

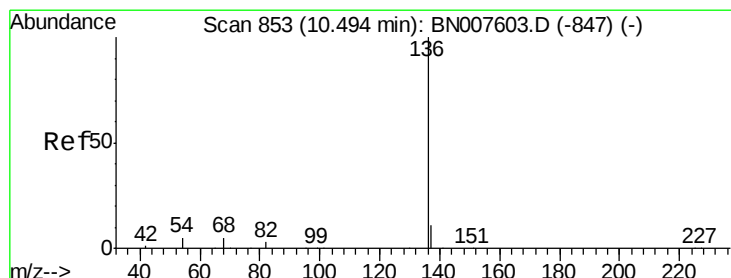
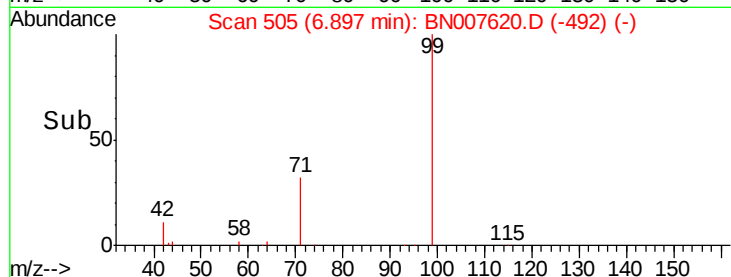
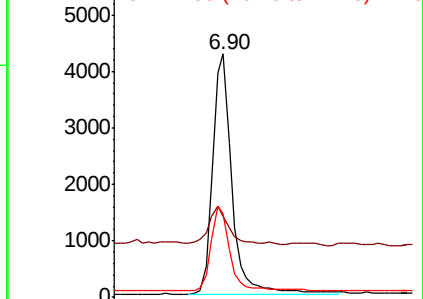


Abundance

Ion 99.00 (98.70 to 99.70): BN007620.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007620.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007620.D (-499) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN007620.D

Acq: 13 Sep 2019 11:03

Tgt Ion: 136 Resp: 36849

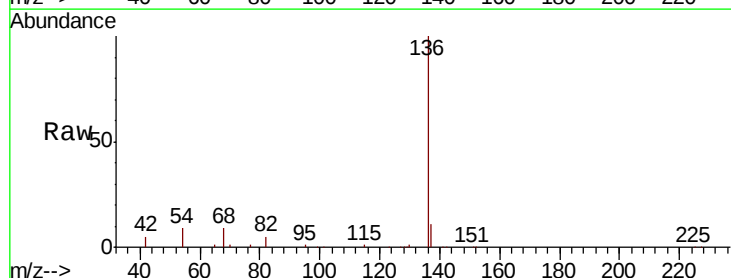
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.0 4.2 6.4#

68 9.0 4.6 7.0#



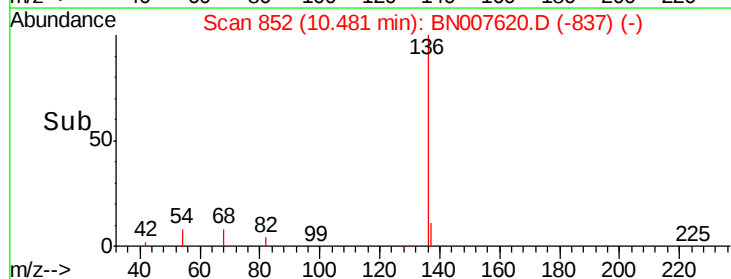
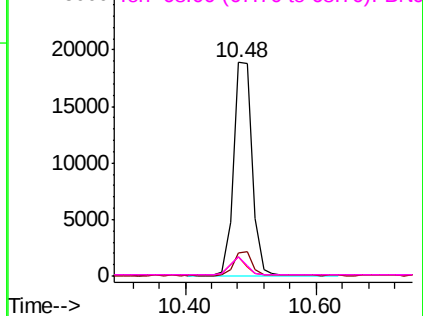
Abundance

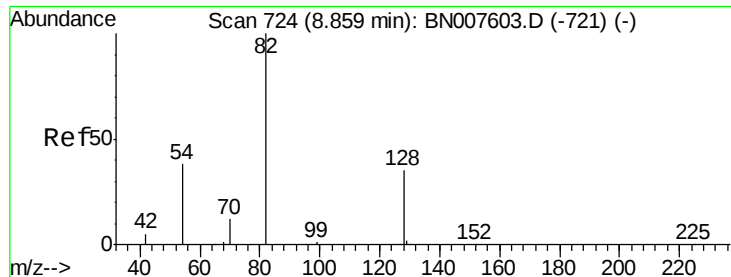
Ion 136.00 (135.70 to 136.70): BN007620.D (-837) (-)

Ion 137.00 (136.70 to 137.70): BN007620.D (-837) (-)

Ion 54.00 (53.70 to 54.70): BN007620.D (-837) (-)

Ion 68.00 (67.70 to 68.70): BN007620.D (-837) (-)





#8

Nitrobenzene-d5

Concen: 0.196 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007620.D

Acq: 13 Sep 2019 11:03

Instrument :

BNA_N

ClientSampleId :

PB122882BL

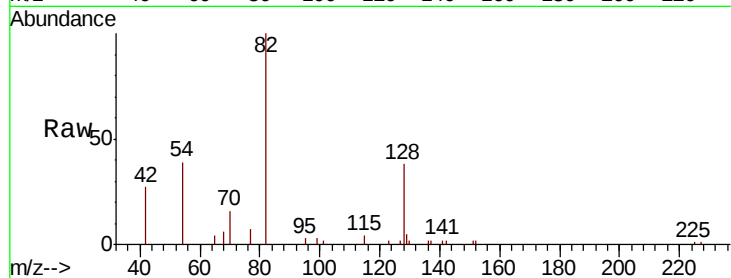
Tot Ion: 82 Resp: 5752

Ion Ratio Lower Upper

82 100

128 37.5 27.9 41.9

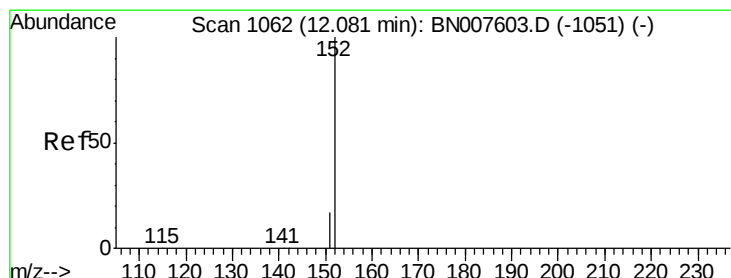
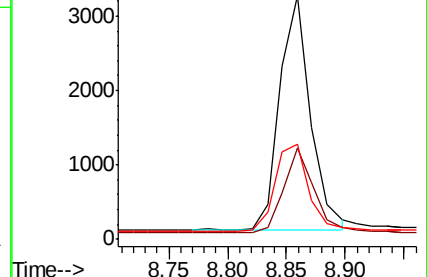
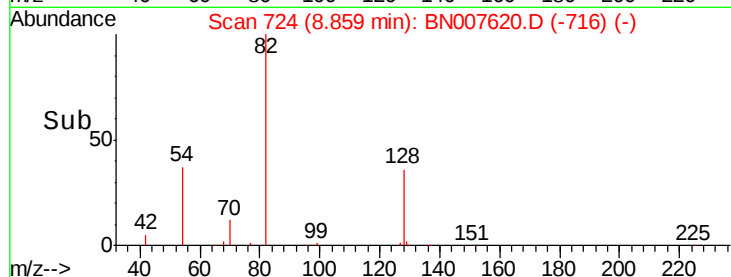
54 39.2 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BN007620.D (-716) (-)

Ion 128.00 (127.70 to 128.70): BN007620.D (-716) (-)

Ion 54.00 (53.70 to 54.70): BN007620.D (-716) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.220 ng

RT: 12.08 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN007620.D

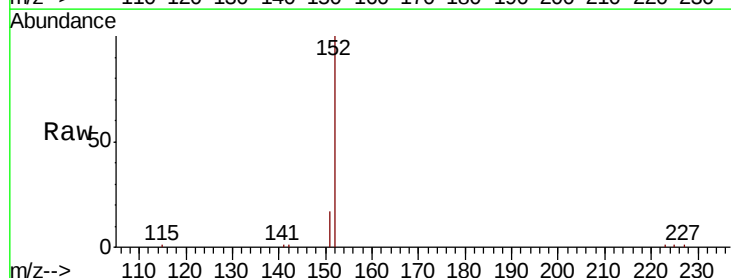
Acq: 13 Sep 2019 11:03

Tgt Ion: 152 Resp: 13744

Ion Ratio Lower Upper

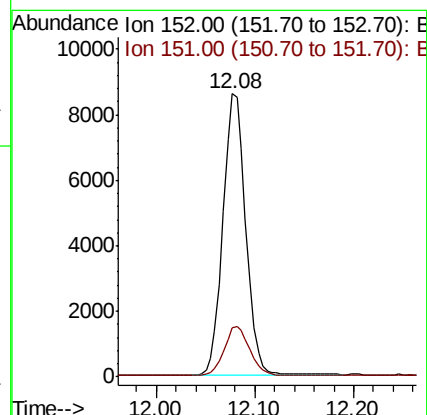
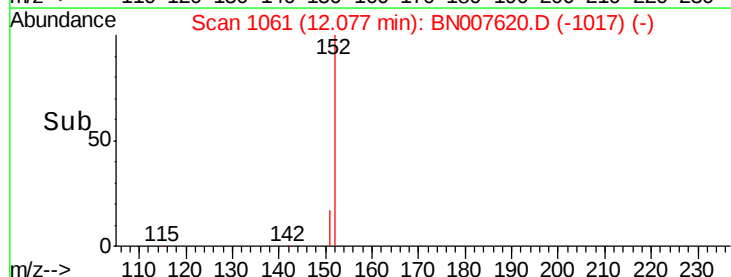
152 100

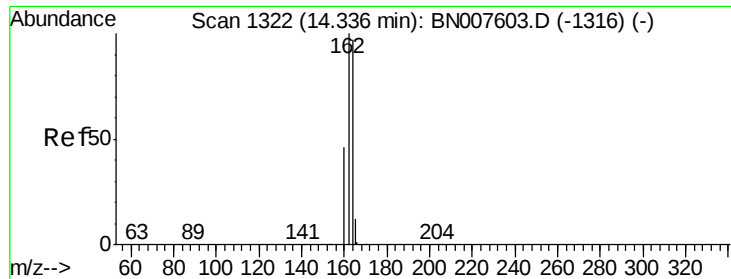
151 19.4 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN007620.D (-1017) (-)

Ion 151.00 (150.70 to 151.70): BN007620.D (-1017) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BN007620.D

Acq: 13 Sep 2019 11:03

Instrument :

BNA_N

ClientSampleId :

PB122882BL

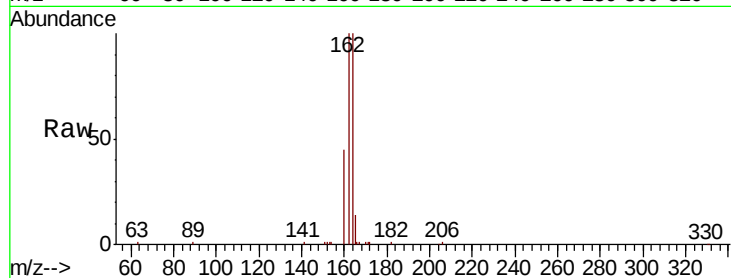
Tot Ion:164 Resp: 18183

Ion Ratio Lower Upper

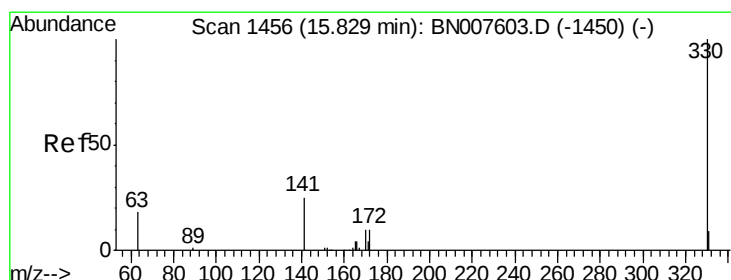
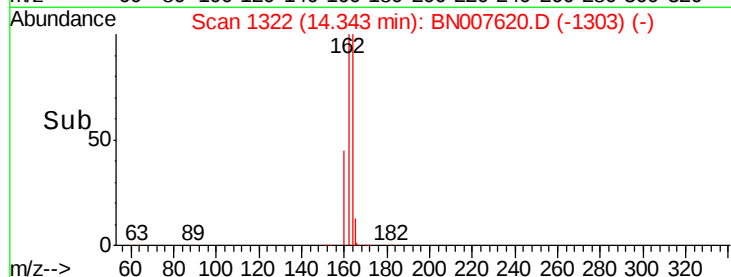
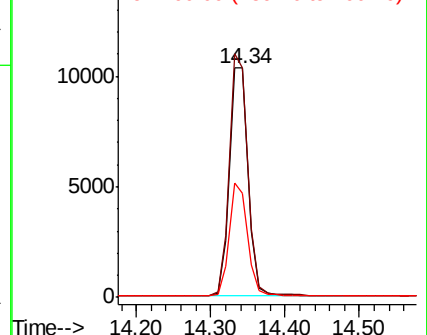
164 100

162 100.1 82.8 124.2

160 45.3 38.0 57.0



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: 0.134 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007620.D

Acq: 13 Sep 2019 11:03

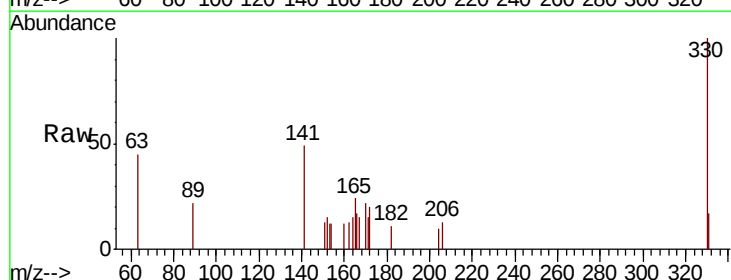
Tgt Ion:330 Resp: 918

Ion Ratio Lower Upper

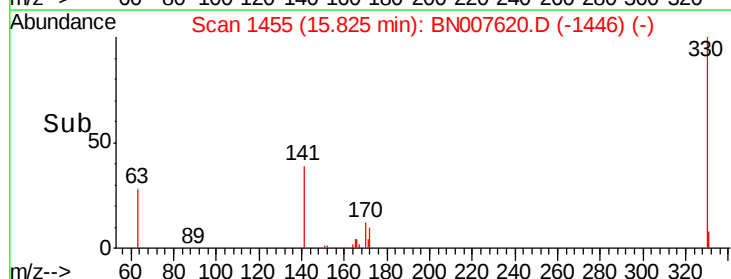
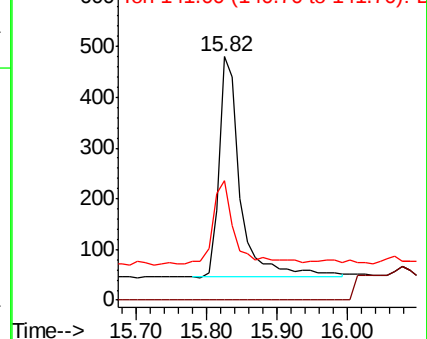
330 100

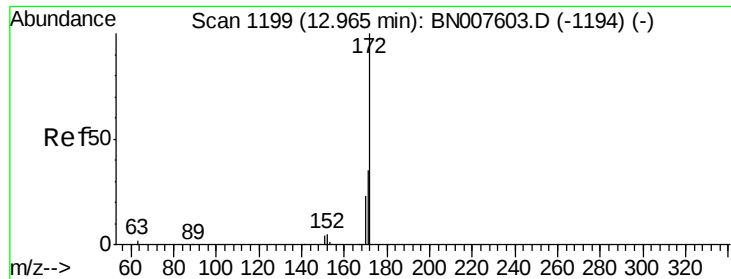
332 0.0 0.0 0.0

141 37.9 30.1 45.1



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

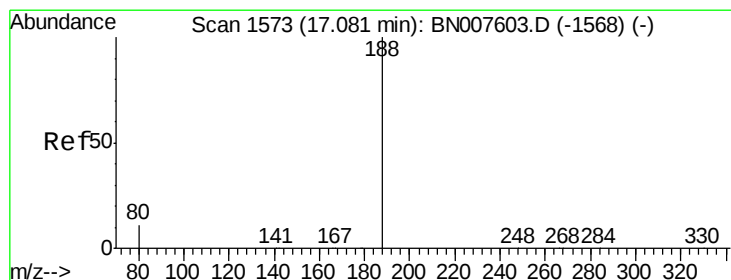
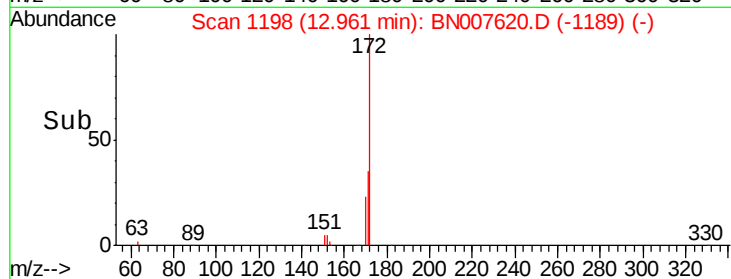
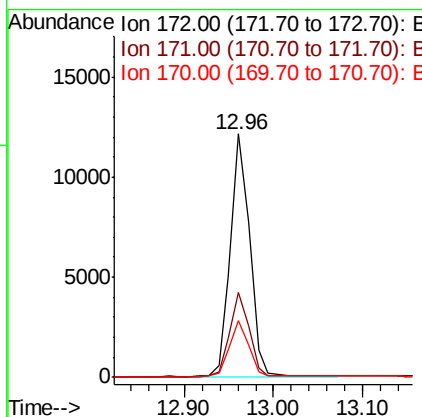
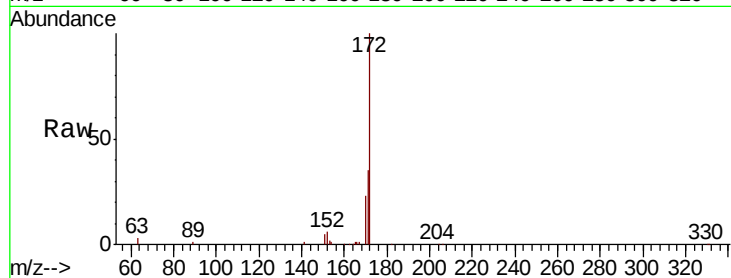




#15
2-Fluorobiphenyl
Concen: 0.228 ng
RT: 12.96 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BN007620.D
Acq: 13 Sep 2019 11:03

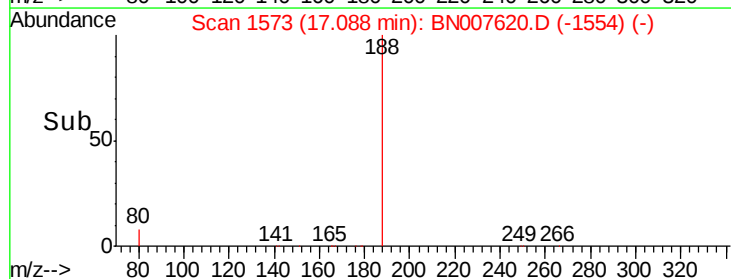
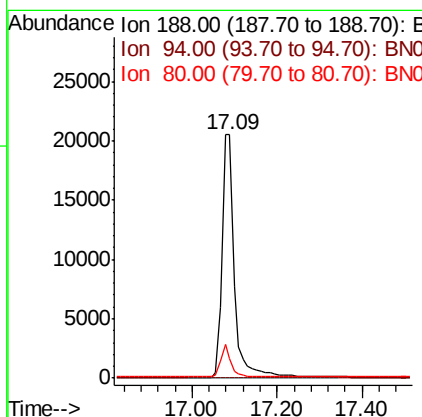
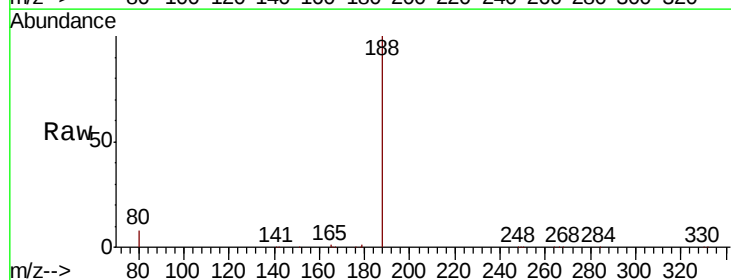
Instrument :
BNA_N
ClientSampleId :
PB122882BL

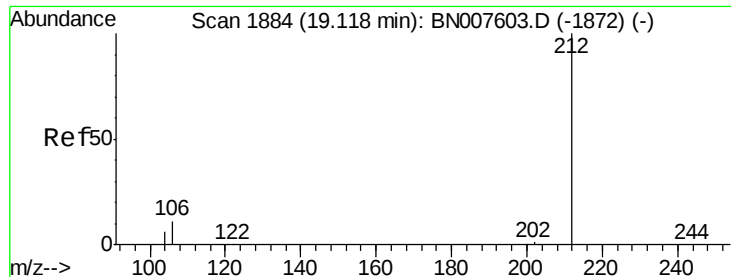
Tot Ion:172 Resp: 18092
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.2 18.5 27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BN007620.D
Acq: 13 Sep 2019 11:03

Tgt Ion:188 Resp: 41092
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 8.8 13.2#





#25

Fluoranthene-d10

Concen: 0.207 ng

RT: 19.11 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN007620.D

Acq: 13 Sep 2019 11:03

Instrument :

BNA_N

ClientSampleId :

PB122882BL

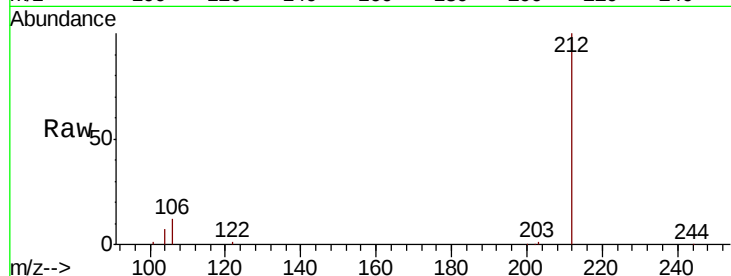
Tot Ion:212 Resp: 26802

Ion Ratio Lower Upper

212 100

106 12.2 9.6 14.4

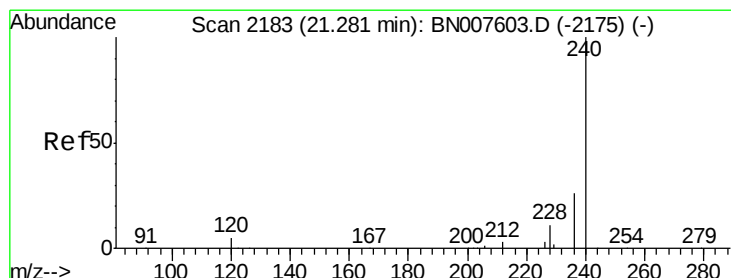
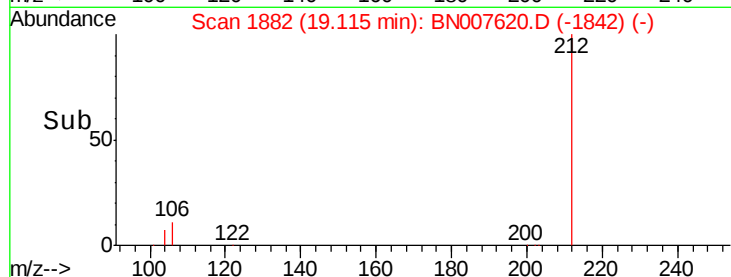
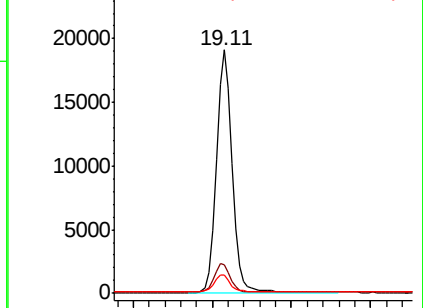
104 6.9 5.4 8.0



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: 21.27 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007620.D

Acq: 13 Sep 2019 11:03

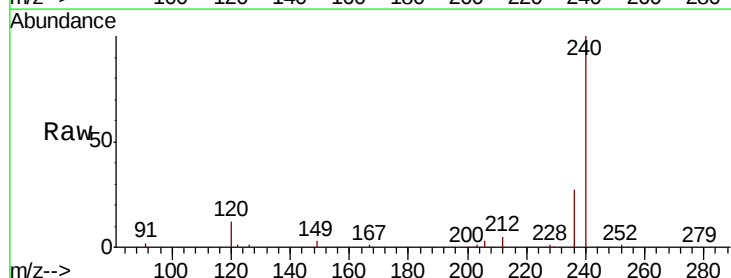
Tgt Ion:240 Resp: 36247

Ion Ratio Lower Upper

240 100

120 12.1 4.3 6.5#

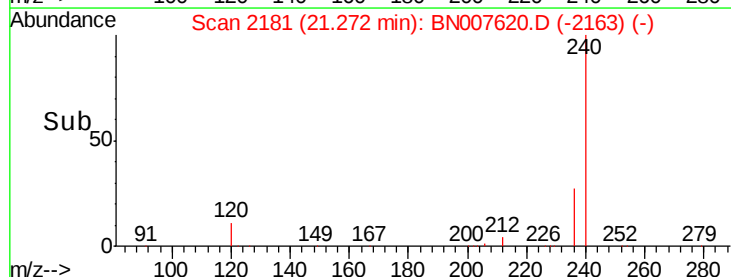
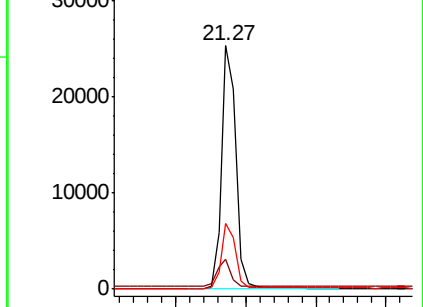
236 27.1 20.8 31.2

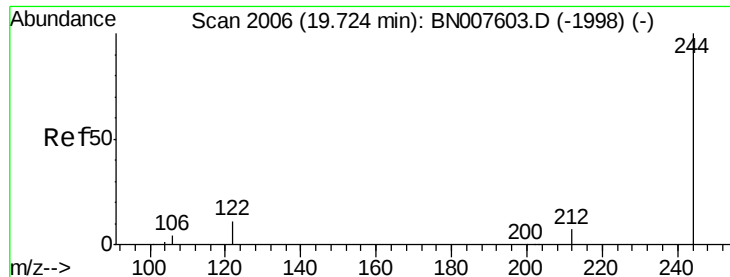


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.228 ng

RT: 19.72 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN007620.D

Acq: 13 Sep 2019 11:03

Instrument :

BNA_N

ClientSampleId :

PB122882BL

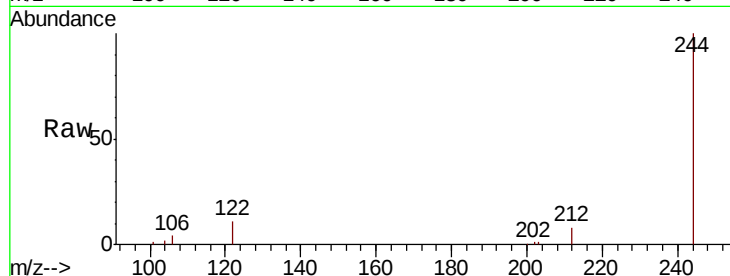
Tot Ion:244 Resp: 21764

Ion Ratio Lower Upper

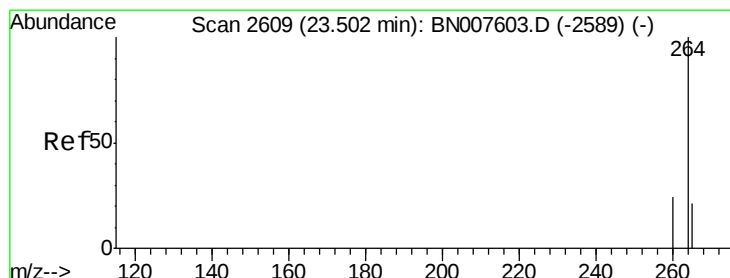
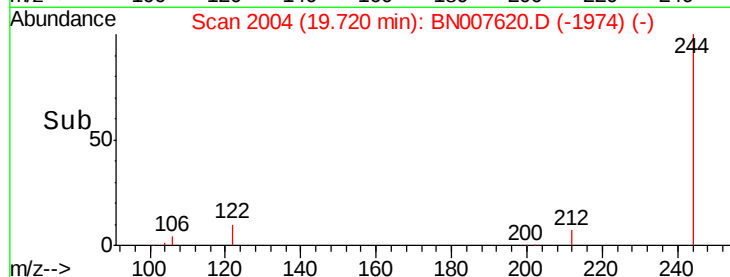
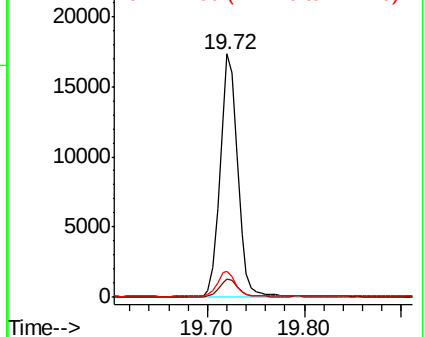
244 100

212 7.6 5.9 8.9

122 10.7 8.6 12.8



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: 23.50 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BN007620.D

Acq: 13 Sep 2019 11:03

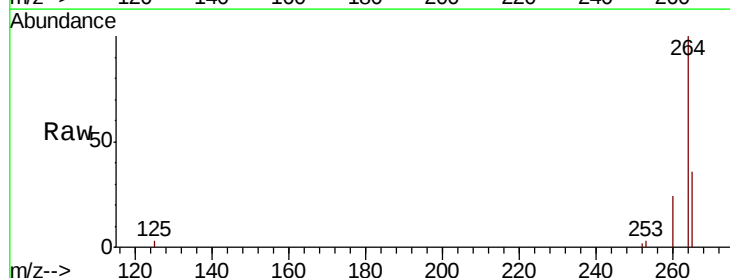
Tgt Ion:264 Resp: 35934

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 36.0 24.6 37.0



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

