

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011619.D
 Acq On : 25 Aug 2020 17:12
 Operator : CG/JU
 Sample : PB131185BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131185BL

Quant Time: Aug 25 18:33:28 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	7.76	152	2497	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	10210	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	6086	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	13382	0.40	ng	0.00
29) Chrysene-d12	21.33	240	13191	0.40	ng	0.00
36) Perylene-d12	23.59	264	15243	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	2989	0.37	ng	0.00
5) Phenol-d6	6.92	99	3859	0.34	ng	0.00
8) Nitrobenzene-d5	8.89	82	3869	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	5878	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	942	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	10227	0.43	ng	-0.01
27) Fluoranthene-d10	19.17	212	12857	0.29	ng	0.00
31) Terphenyl-d14	19.78	244	14281	0.42	ng	0.00

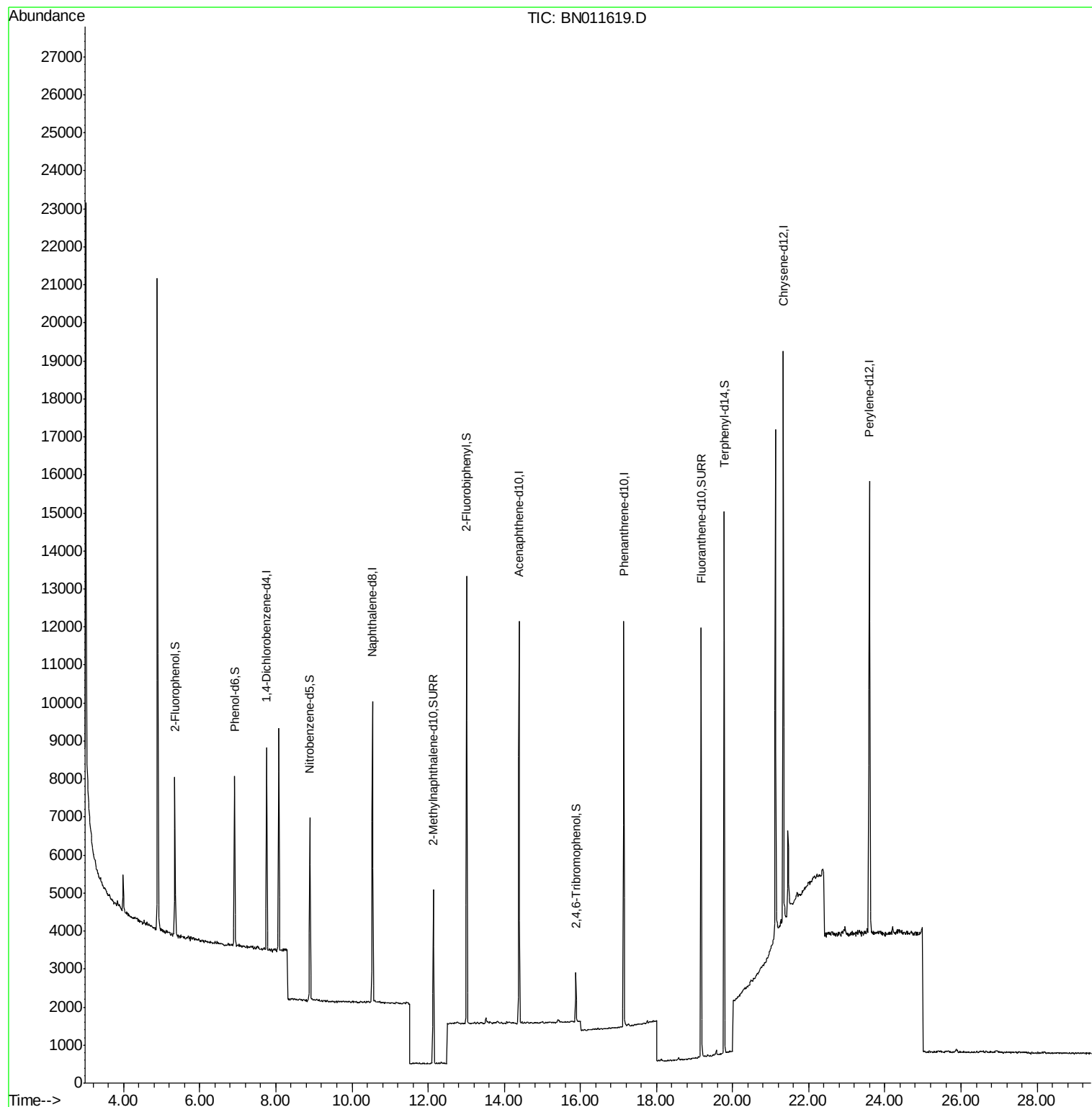
Target Compounds	Qvalue

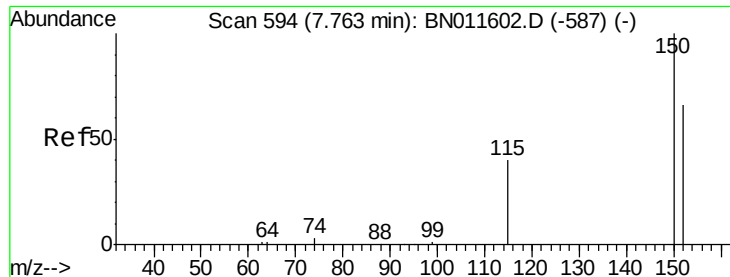
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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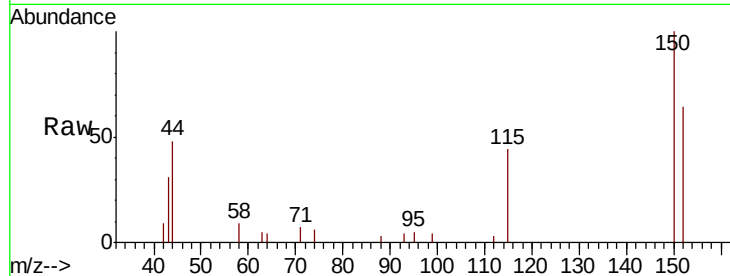




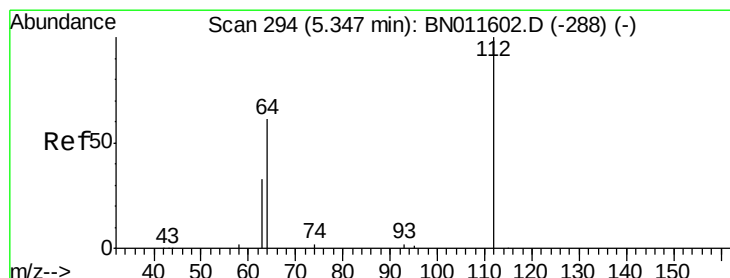
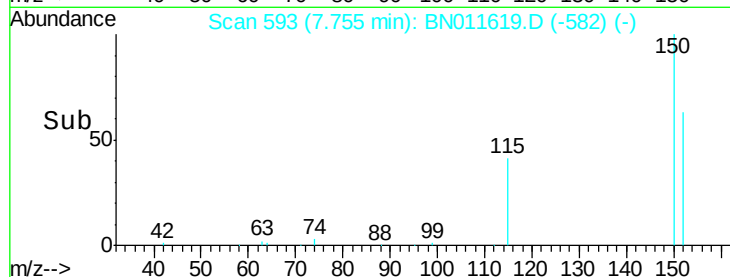
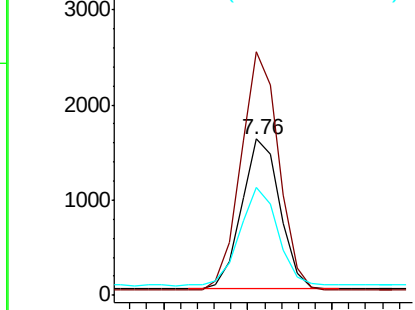
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BN011619.D
 Acq: 25 Aug 2020 17:12

Instrument :
 BNA_N
 ClientSampleId :
 PB131185BL

Tot Ion:152 Resp: 2497
 Ion Ratio Lower Upper
 152 100
 150 156.0 112.4 168.6
 115 69.1 56.9 85.3

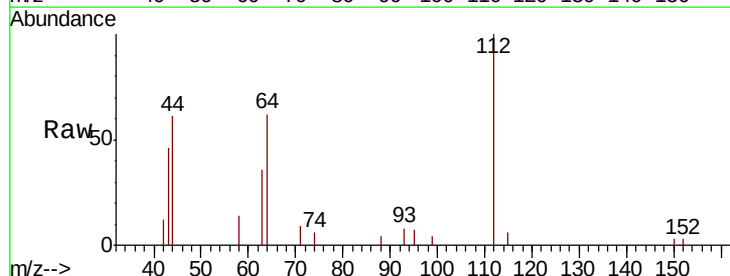


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

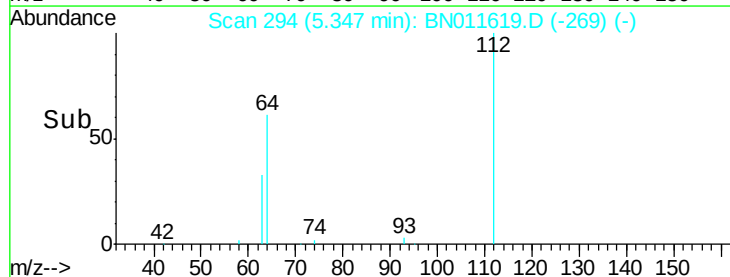
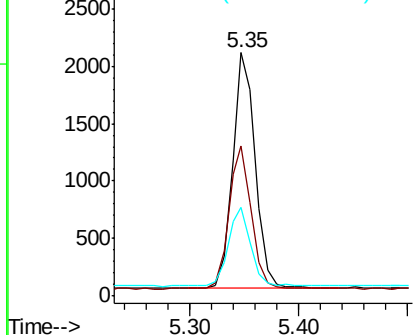


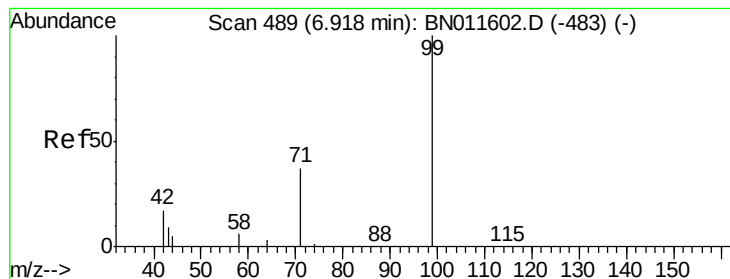
#4
 2-Fluorophenol
 Concen: 0.374 ng
 RT: 5.35 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: BN011619.D
 Acq: 25 Aug 2020 17:12

Tgt Ion:112 Resp: 2989
 Ion Ratio Lower Upper
 112 100
 64 60.5 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: 0.342 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011619.D

Acq: 25 Aug 2020 17:12

Instrument :

BNA_N

ClientSampleId :

PB131185BL

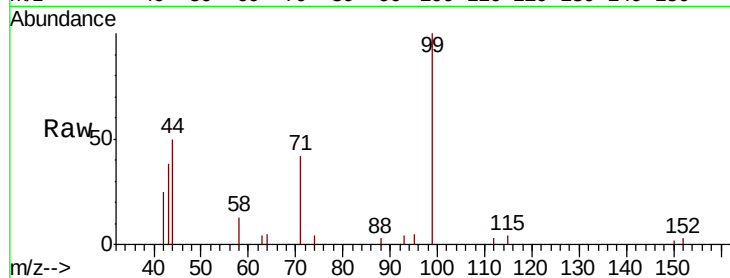
Tot Ion: 99 Resp: 3859

Ion Ratio Lower Upper

99 100

42 20.7 0.0 0.0#

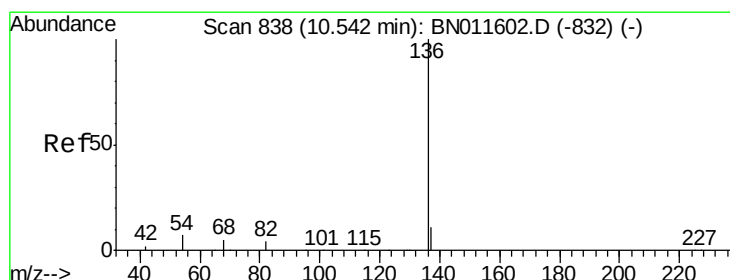
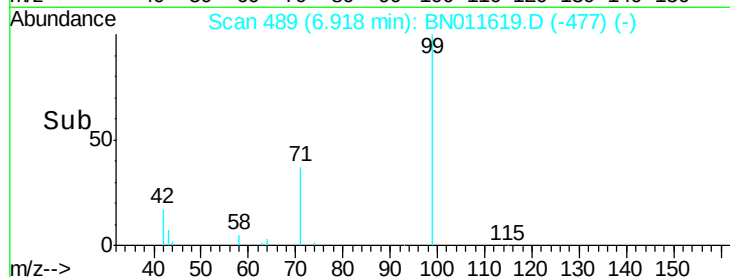
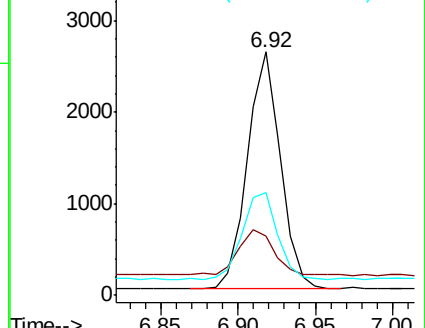
71 38.8 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011619.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011619.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011619.D (-477) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011619.D

Acq: 25 Aug 2020 17:12

Tgt Ion: 136 Resp: 10210

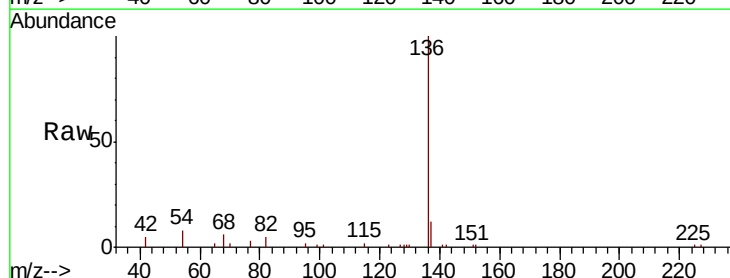
Ion Ratio Lower Upper

136 100

137 11.8 11.5 17.3

54 7.6 11.9 17.9#

68 5.8 12.3 18.5#

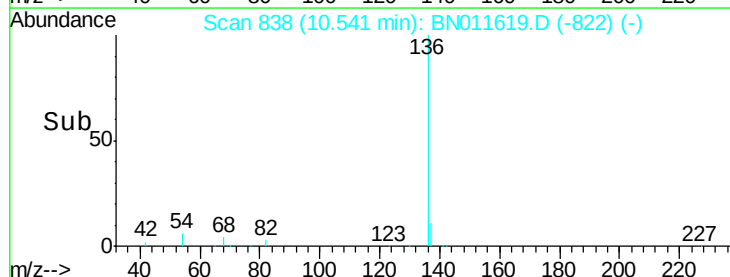
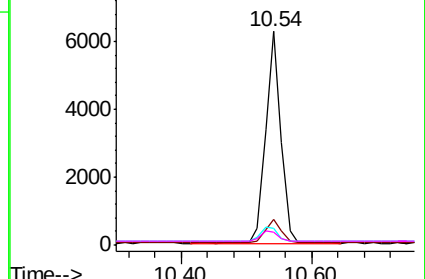


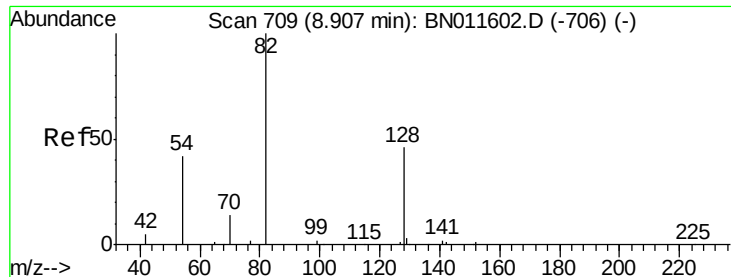
Abundance Ion 136.00 (135.70 to 136.70): BN011619.D (-822) (-)

Ion 137.00 (136.70 to 137.70): BN011619.D (-822) (-)

Ion 54.00 (53.70 to 54.70): BN011619.D (-822) (-)

Ion 68.00 (67.70 to 68.70): BN011619.D (-822) (-)





#8

Nitrobenzene-d5

Concen: 0.438 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011619.D

Acq: 25 Aug 2020 17:12

Instrument :

BNA_N

ClientSampleId :

PB131185BL

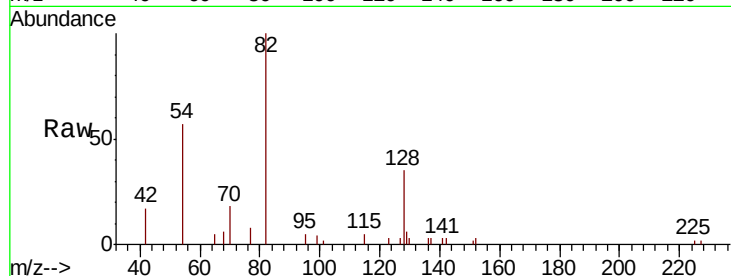
Tot Ion: 82 Resp: 3869

Ion Ratio Lower Upper

82 100

128 35.5 31.1 46.7

54 56.9 37.1 55.7#

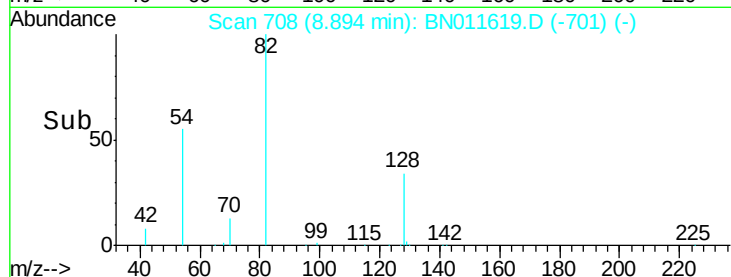


Abundance Ion 82.00 (81.70 to 82.70): BN011619.D (-701) (-)

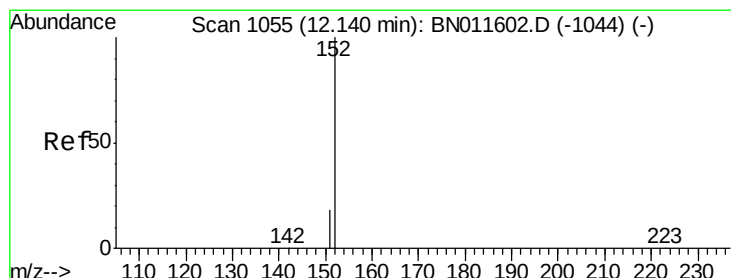
Ion 128.00 (127.70 to 128.70): BN011619.D (-701) (-)

Ion 54.00 (53.70 to 54.70): BN011619.D (-701) (-)

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.304 ng

RT: 12.14 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN011619.D

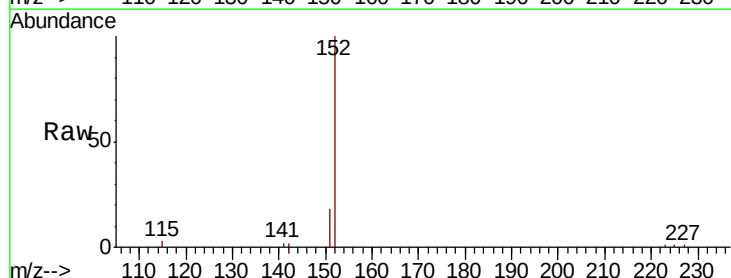
Acq: 25 Aug 2020 17:12

Tgt Ion: 152 Resp: 5878

Ion Ratio Lower Upper

152 100

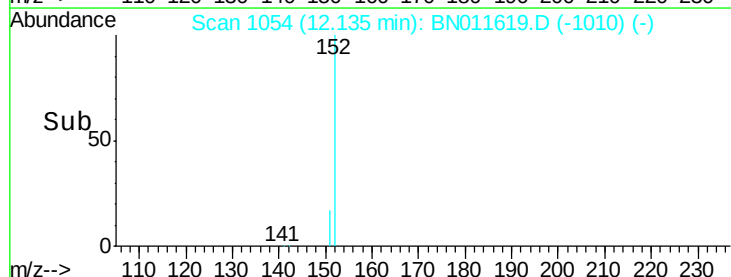
151 19.2 16.4 24.6



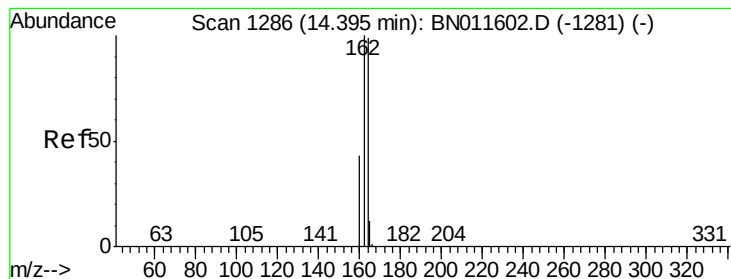
Abundance Ion 152.00 (151.70 to 152.70): BN011619.D (-1010) (-)

Ion 151.00 (150.70 to 151.70): BN011619.D (-1010) (-)

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011619.D

Acq: 25 Aug 2020 17:12

Instrument :

BNA_N

ClientSampled :

PB131185BL

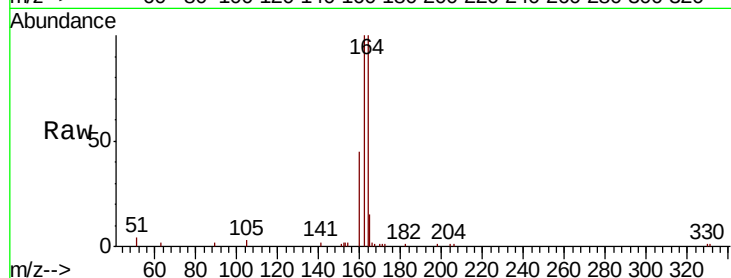
Tot Ion:164 Resp: 6086

Ion Ratio Lower Upper

164 100

162 100.1 80.8 121.2

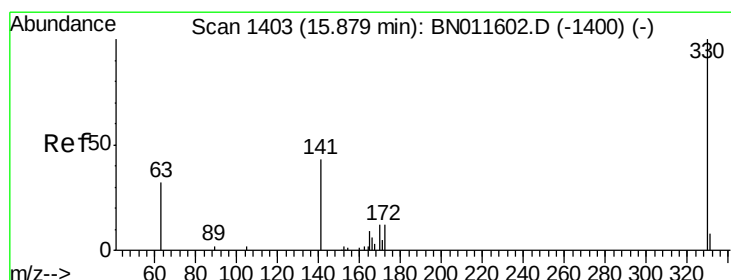
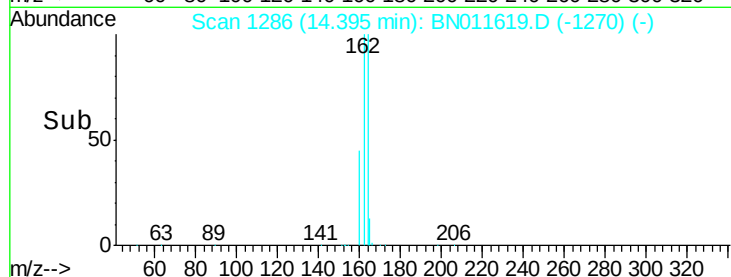
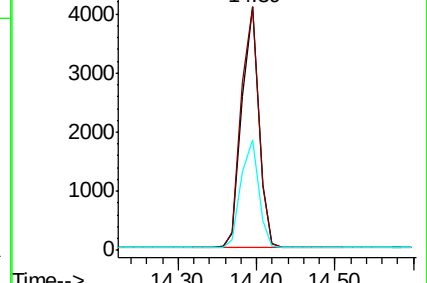
160 45.2 35.6 53.4



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: 0.282 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011619.D

Acq: 25 Aug 2020 17:12

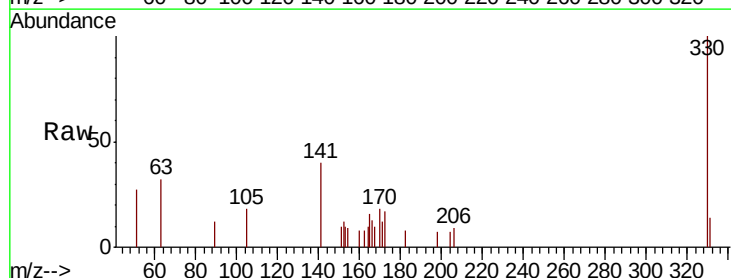
Tgt Ion:330 Resp: 942

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

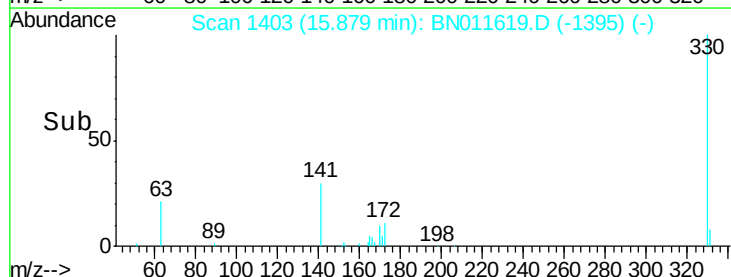
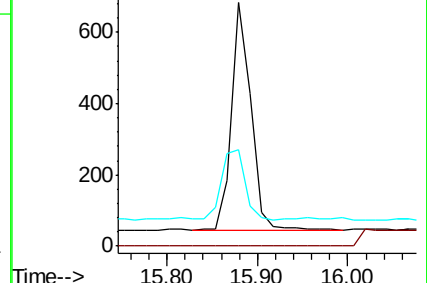
141 38.1 29.4 44.2

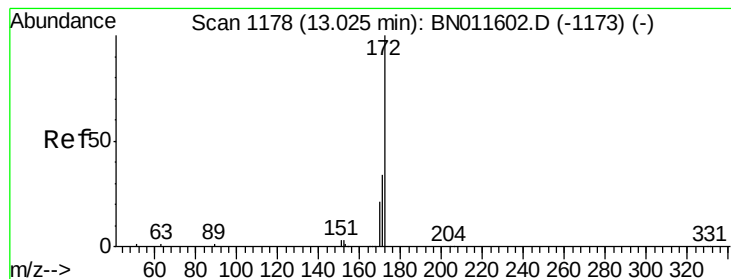


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.432 ng

RT: 13.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BN011619.D

Acq: 25 Aug 2020 17:12

Instrument :

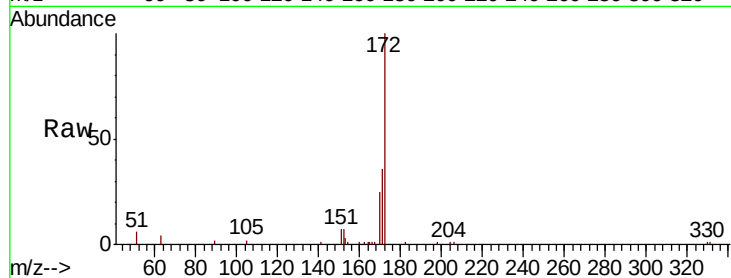
BNA_N

ClientSampleId :

PB131185BL

Tot Ion:172 Resp: 10227

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.6	18.2	27.2

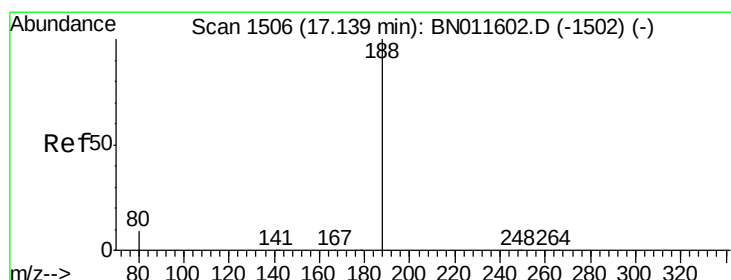
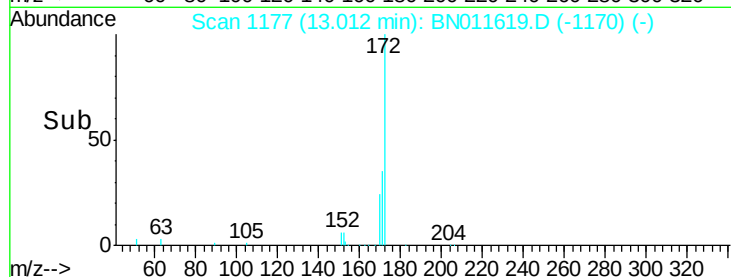
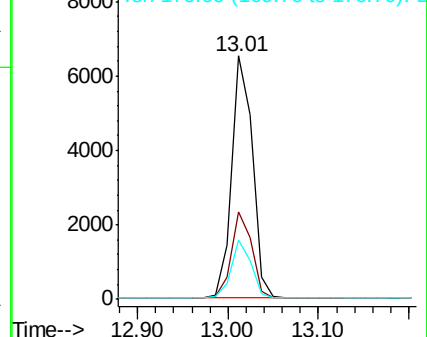


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.14 min Scan# 1506

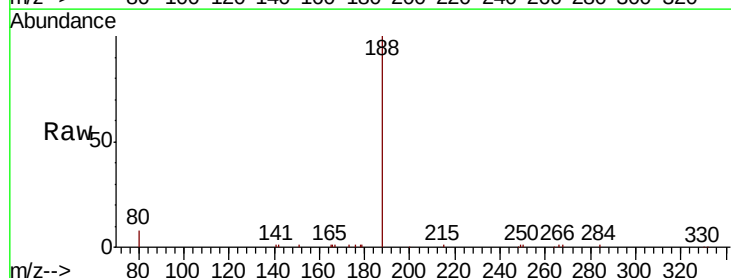
Delta R.T. -0.00 min

Lab File: BN011619.D

Acq: 25 Aug 2020 17:12

Tgt Ion:188 Resp: 13382

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	9.2	13.8

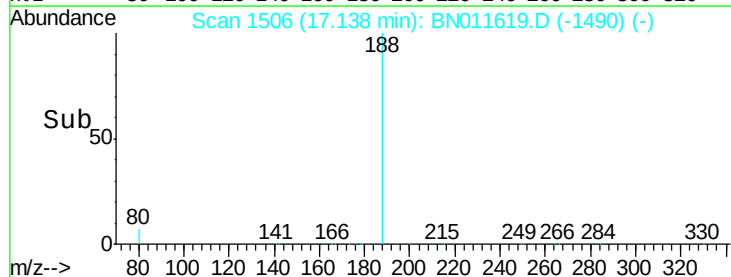
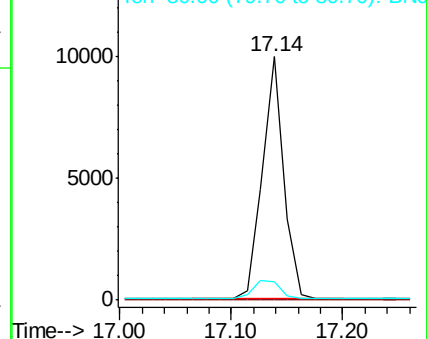


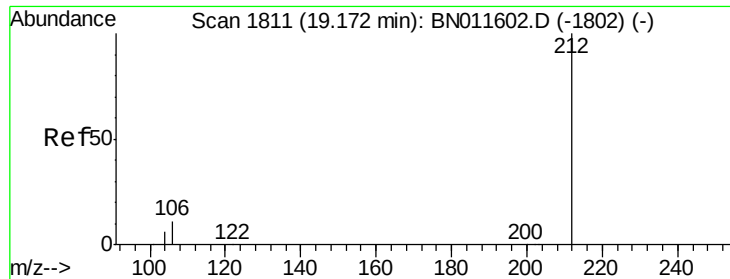
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

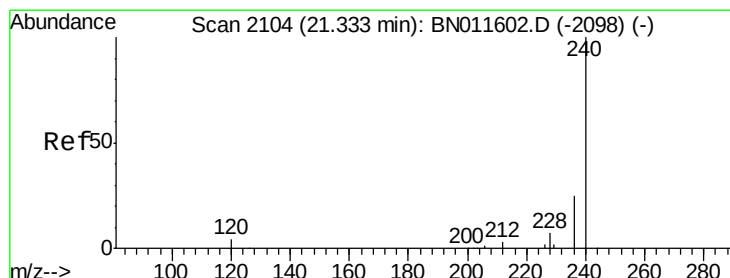
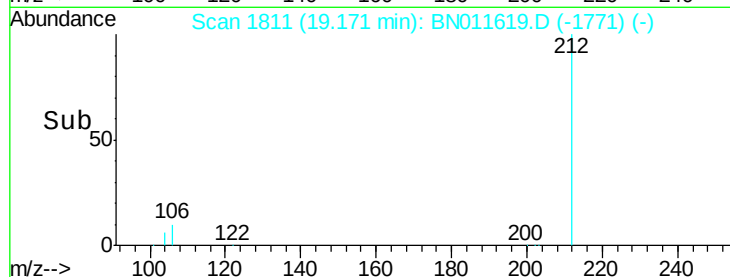
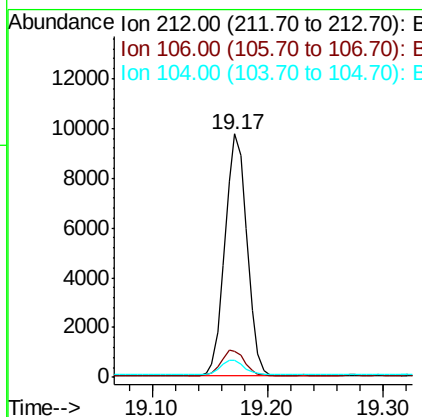
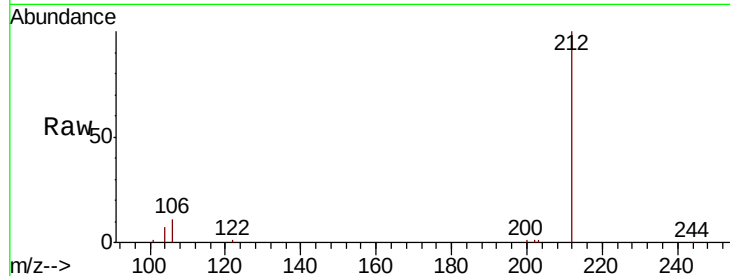




#27
 Fluoranthene-d10
 Concen: 0.295 ng
 RT: 19.17 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BN011619.D
 Acq: 25 Aug 2020 17:12

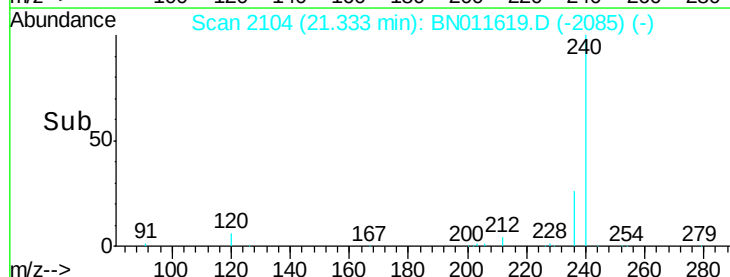
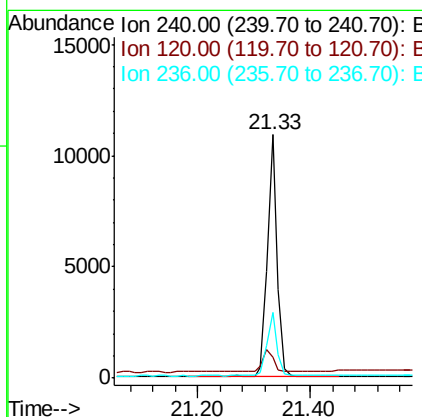
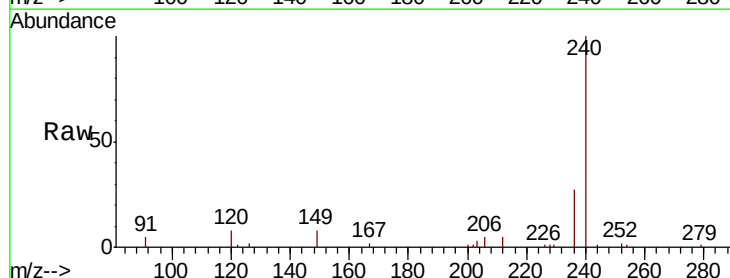
Instrument :
 BNA_N
 ClientSampleId :
 PB131185BL

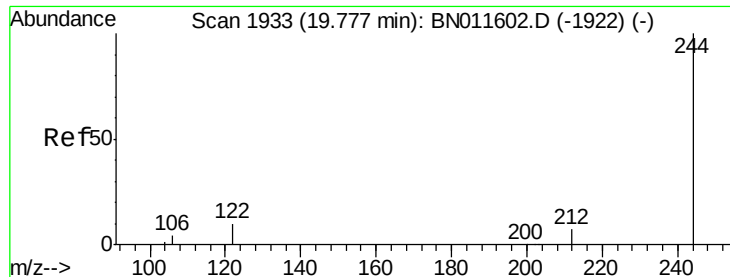
Tot Ion:212 Resp: 12857
 Ion Ratio Lower Upper
 212 100
 106 10.6 8.9 13.3
 104 6.1 5.3 7.9



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.33 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BN011619.D
 Acq: 25 Aug 2020 17:12

Tgt Ion:240 Resp: 13191
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.0 9.0
 236 26.9 20.8 31.2





#31

Terphenyl-d14

Concen: 0.424 ng

RT: 19.78 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BN011619.D

Acq: 25 Aug 2020 17:12

Instrument :

BNA_N

ClientSampleId :

PB131185BL

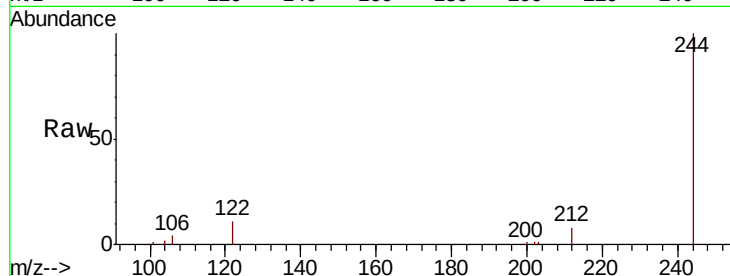
Tot Ion:244 Resp: 14281

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

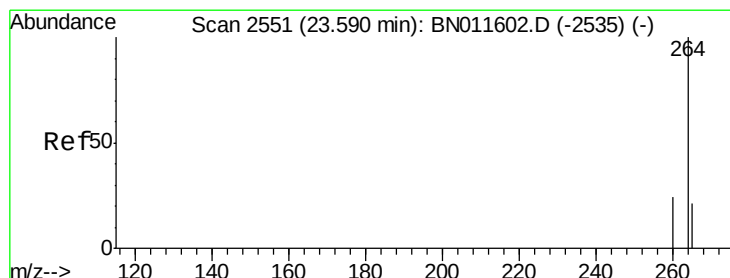
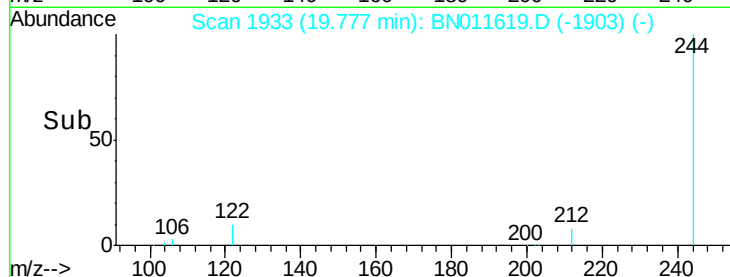
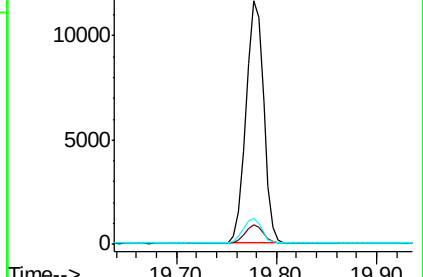
122 10.7 9.5 14.3



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: 23.59 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BN011619.D

Acq: 25 Aug 2020 17:12

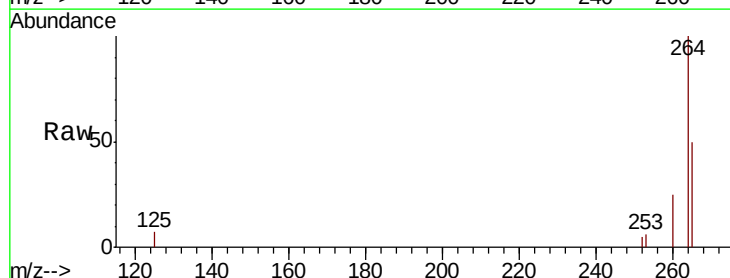
Tgt Ion:264 Resp: 15243

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 49.7 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

