

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071420\
 Data File : BN011163.D
 Acq On : 14 Jul 2020 17:28
 Operator : CG/JU
 Sample : PB130139BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130139BL

Quant Time: Jul 14 18:00:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 15:08:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	1304	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	4177	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	2710	0.40	ng	0.00
19) Phenanthrene-d10	16.88	188	6545	0.40	ng	0.00
29) Chrysene-d12	21.10	240	6177	0.40	ng	0.00
36) Perylene-d12	23.23	264	6004	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	829	0.26	ng	0.00
5) Phenol-d6	6.71	99	910	0.25	ng	0.01
8) Nitrobenzene-d5	8.65	82	1043	0.28	ng	0.02
11) 2-Methylnaphthalene-d10	11.86	152	2276	0.34	ng	0.01
14) 2,4,6-Tribromophenol	15.64	330	348	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	3702	0.29	ng	0.00
27) Fluoranthene-d10	18.92	212	6370	0.31	ng	0.00
31) Terphenyl-d14	19.54	244	5230	0.33	ng	0.00

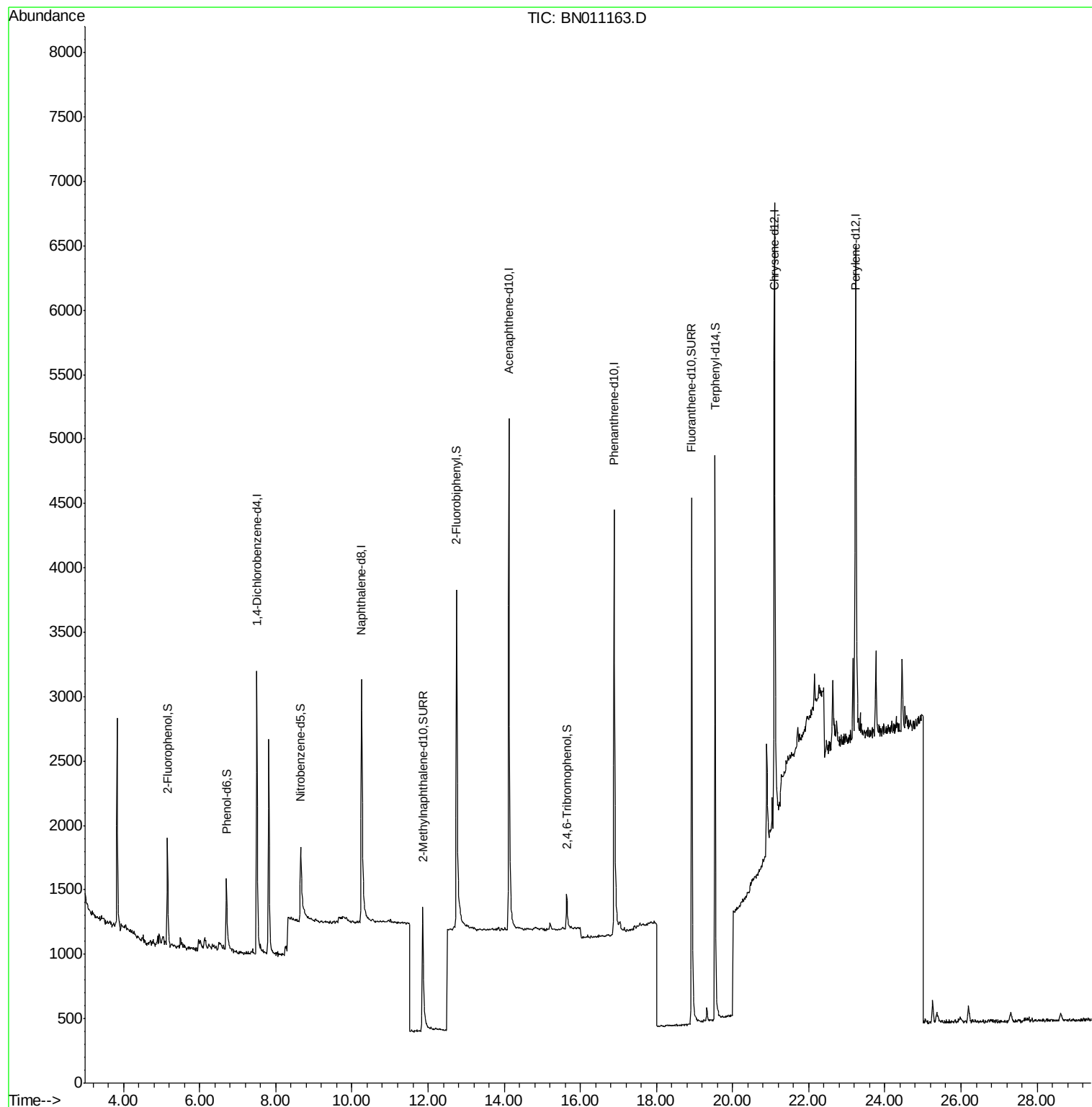
Target Compounds	Qvalue
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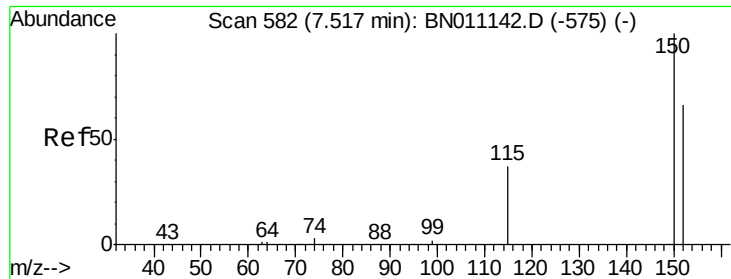
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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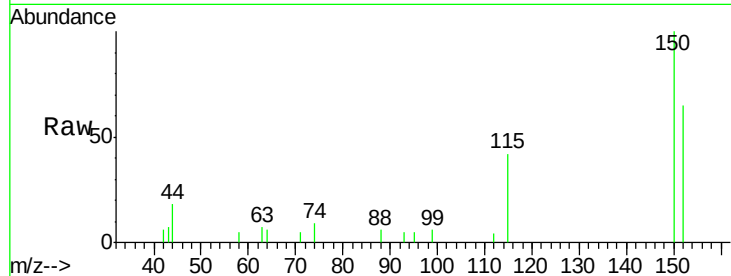


#1

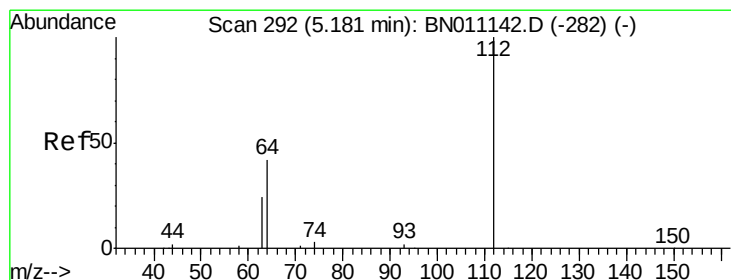
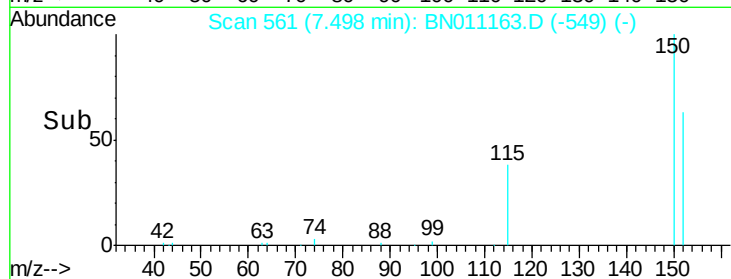
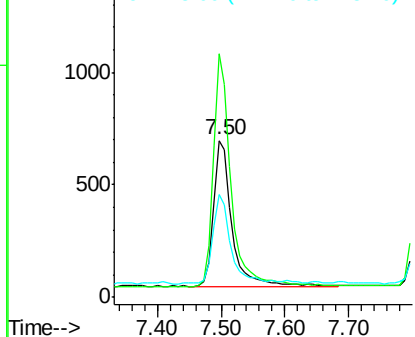
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.50 min Scan# 561
Delta R.T. -0.00 min
Lab File: BN011163.D
Acq: 14 Jul 2020 17:28

Instrument :
BNA_N
ClientSampleId :
PB130139BL

Tot Ion:152 Resp: 1304
Ion Ratio Lower Upper
152 100
150 155.0 119.4 179.0
115 65.6 48.3 72.5



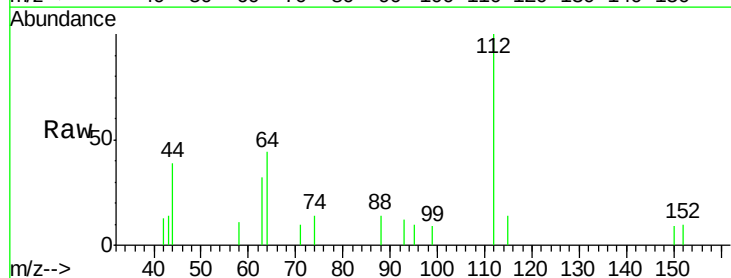
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



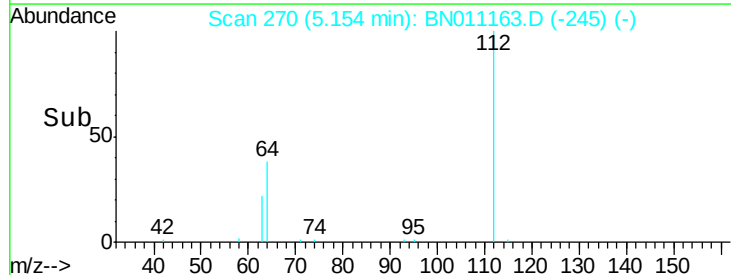
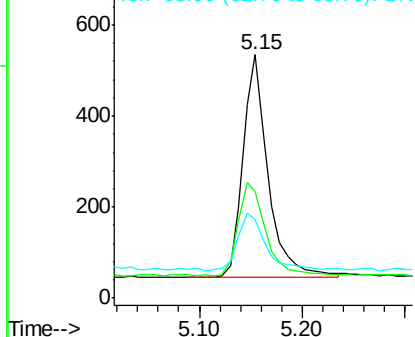
#4

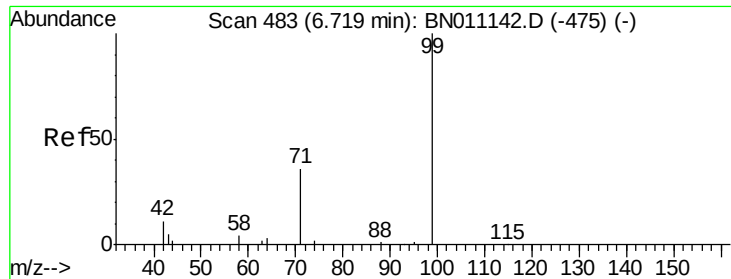
2-Fluorophenol
Concen: 0.258 ng
RT: 5.15 min Scan# 270
Delta R.T. 0.01 min
Lab File: BN011163.D
Acq: 14 Jul 2020 17:28

Tgt Ion:112 Resp: 829
Ion Ratio Lower Upper
112 100
64 45.4 36.7 55.1
63 28.3 20.4 30.6



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: 0.250 ng

RT: 6.71 min Scan# 463

Delta R.T. 0.01 min

Lab File: BN011163.D

Acq: 14 Jul 2020 17:28

Instrument :

BNA_N

ClientSampleId :

PB130139BL

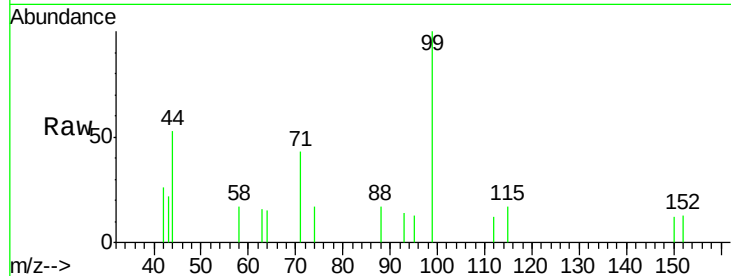
Tot Ion: 99 Resp: 910

Ion Ratio Lower Upper

99 100

42 17.7 10.8 16.2#

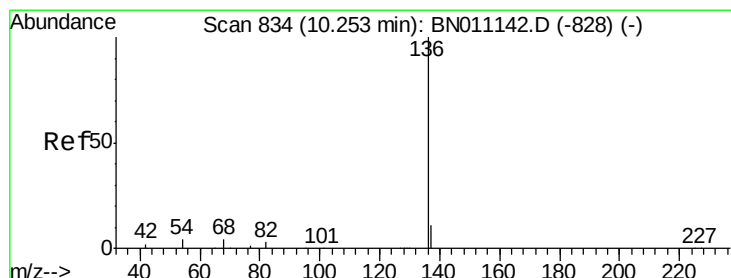
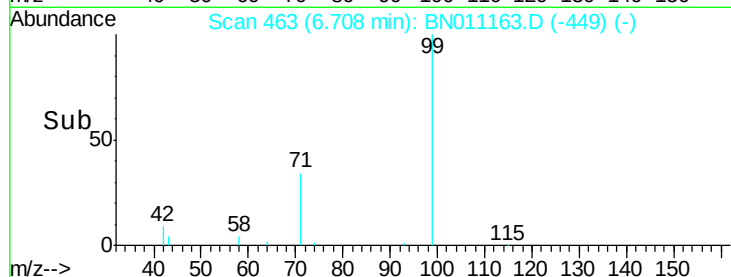
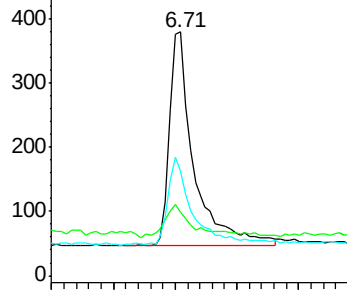
71 40.7 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BN011142.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011142.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011142.D (-475) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 815

Delta R.T. 0.01 min

Lab File: BN011163.D

Acq: 14 Jul 2020 17:28

Tgt Ion: 136 Resp: 4177

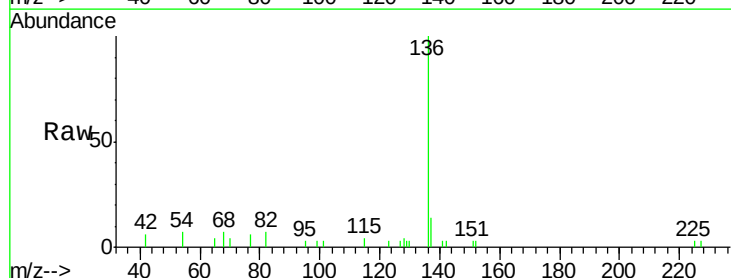
Ion Ratio Lower Upper

136 100

137 13.6 10.3 15.5

54 7.3 4.9 7.3

68 7.3 4.9 7.3

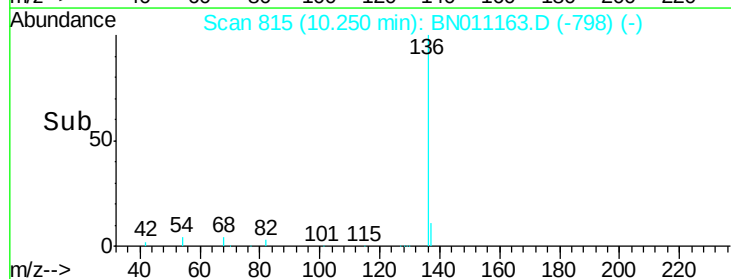
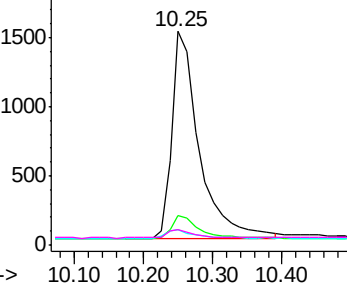


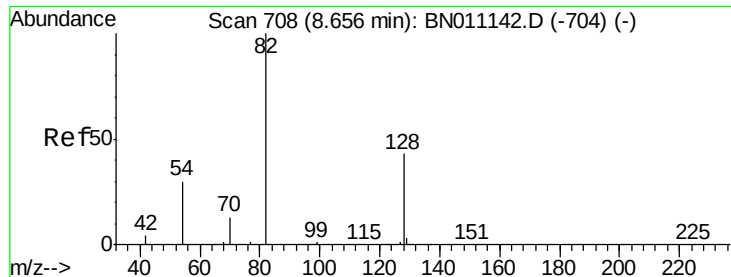
Abundance Ion 136.00 (135.70 to 136.70): BN011142.D (-828) (-)

Ion 137.00 (136.70 to 137.70): BN011142.D (-828) (-)

Ion 54.00 (53.70 to 54.70): BN011142.D (-828) (-)

Ion 68.00 (67.70 to 68.70): BN011142.D (-828) (-)

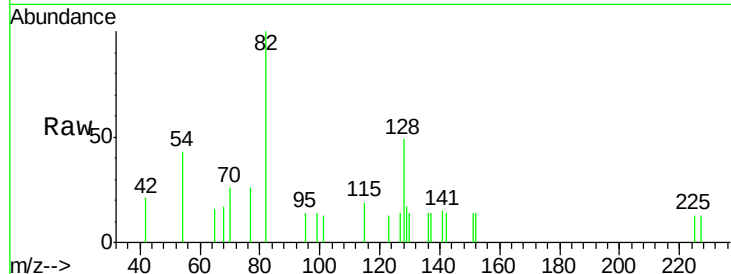




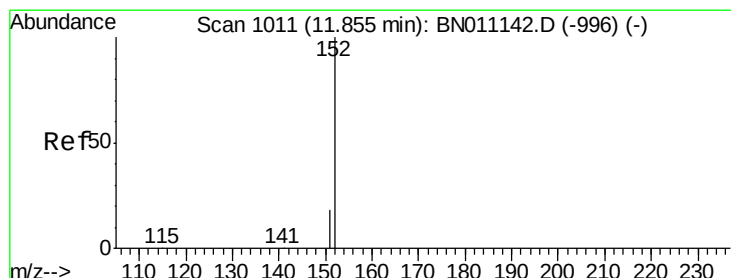
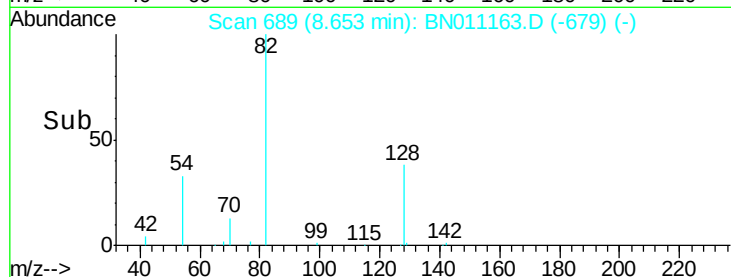
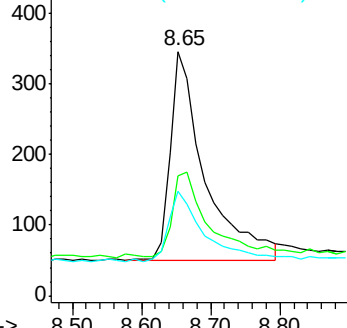
#8
 Nitrobenzene-d5
 Concen: 0.282 ng
 RT: 8.65 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: BN011163.D
 Acq: 14 Jul 2020 17:28

Instrument :
 BNA_N
 ClientSampleId :
 PB130139BL

Tot Ion	82	Resp	1043
Ion Ratio	Lower	Upper	
82	100		
128	48.8	38.1	57.1
54	42.8	27.1	40.7

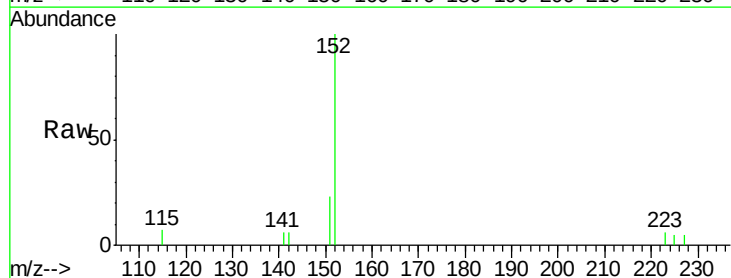


Abundance Ion 82.00 (81.70 to 82.70): BN011163.D (-679) (-)

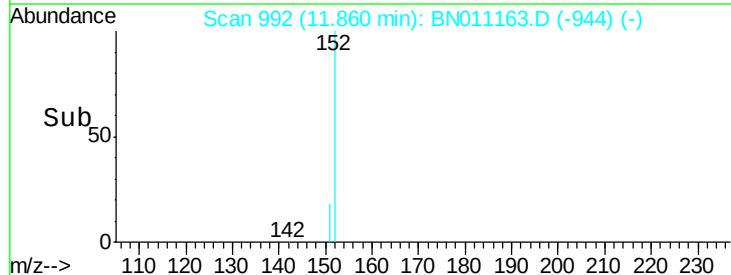
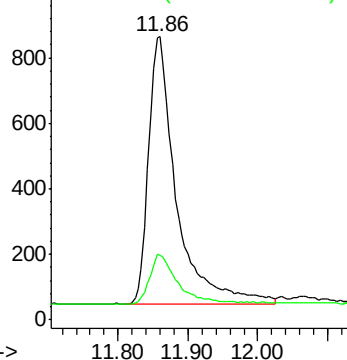


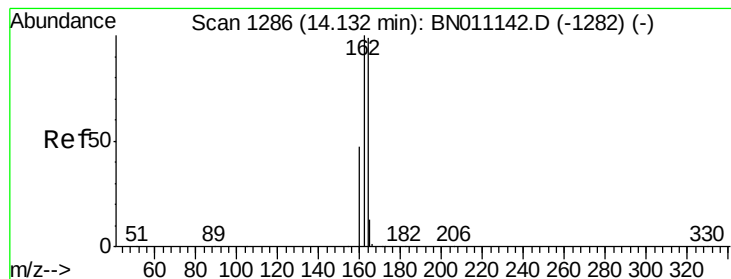
#11
 2-Methylnaphthalene-d10
 Concen: 0.336 ng
 RT: 11.86 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: BN011163.D
 Acq: 14 Jul 2020 17:28

Tgt Ion	152	Resp	2276
Ion Ratio	Lower	Upper	
152	100		
151	18.3	16.5	24.7



Abundance Ion 152.00 (151.70 to 152.70): BN011163.D (-944) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BN011163.D

Acq: 14 Jul 2020 17:28

Instrument :

BNA_N

ClientSampleId :

PB130139BL

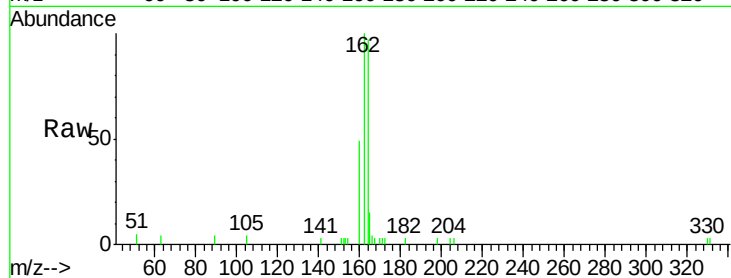
Tot Ion:164 Resp: 2710

Ion Ratio Lower Upper

164 100

162 102.9 81.0 121.4

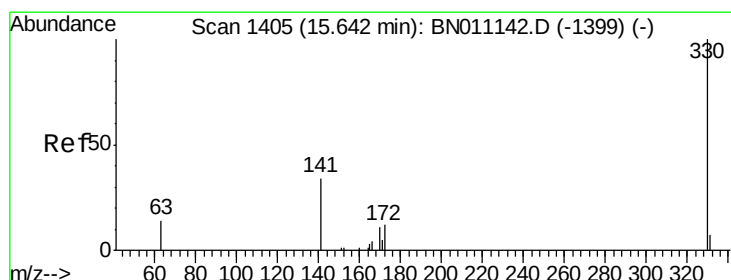
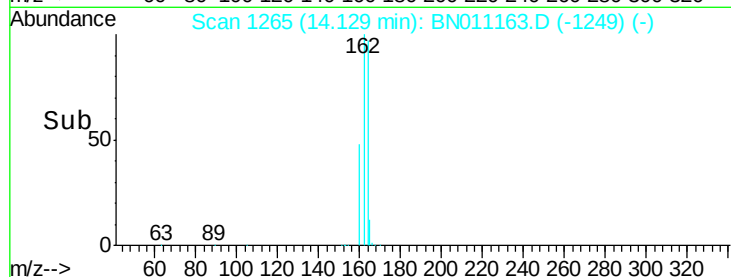
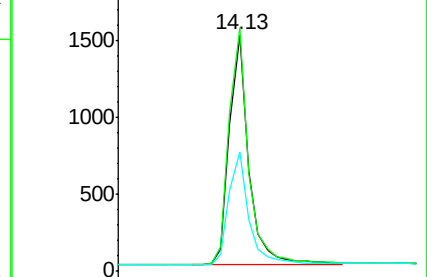
160 50.7 39.0 58.6



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: 0.289 ng

RT: 15.64 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BN011163.D

Acq: 14 Jul 2020 17:28

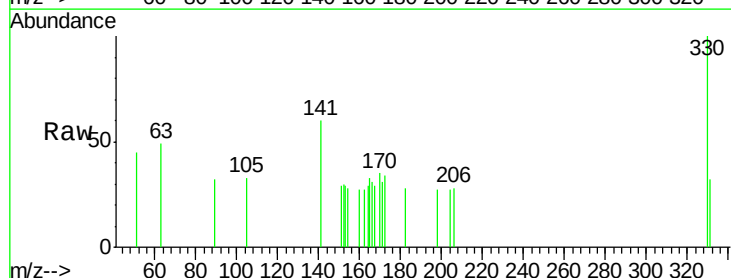
Tgt Ion:330 Resp: 348

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

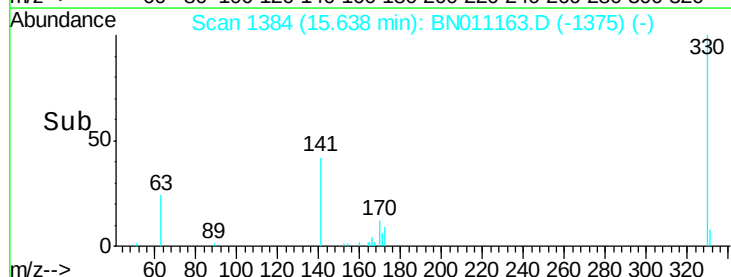
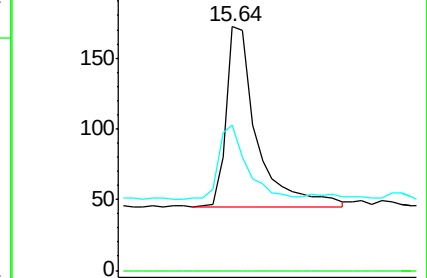
141 38.5 31.5 47.3

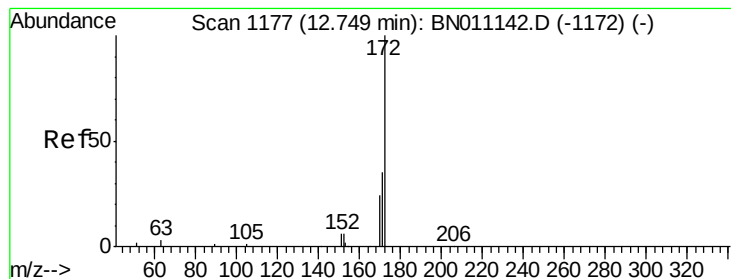


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.292 ng

RT: 12.75 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BN011163.D

Acq: 14 Jul 2020 17:28

Instrument :

BNA_N

ClientSampleId :

PB130139BL

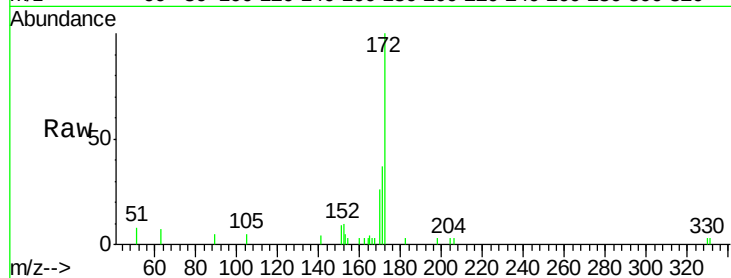
Tot Ion:172 Resp: 3702

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

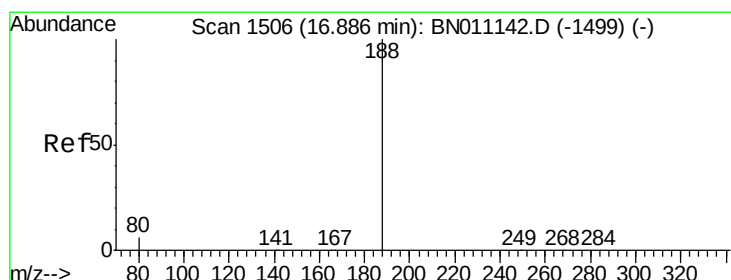
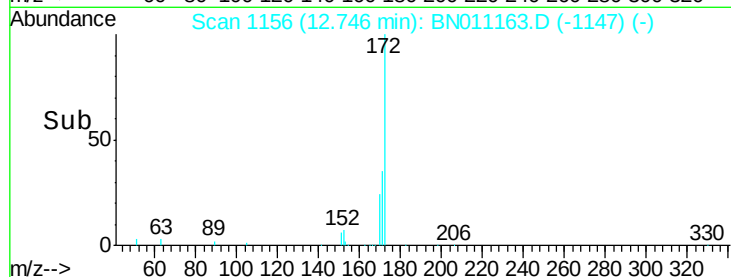
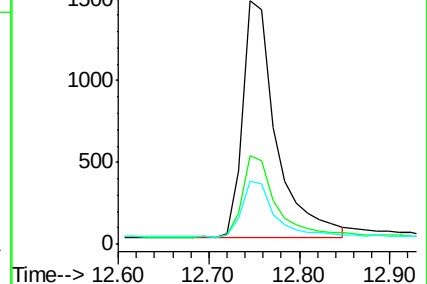
170 26.1 20.3 30.5



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: 16.88 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BN011163.D

Acq: 14 Jul 2020 17:28

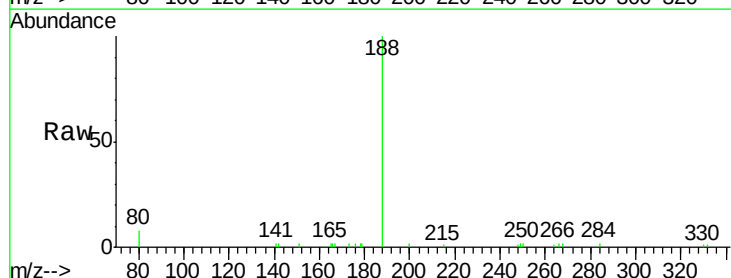
Tgt Ion:188 Resp: 6545

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

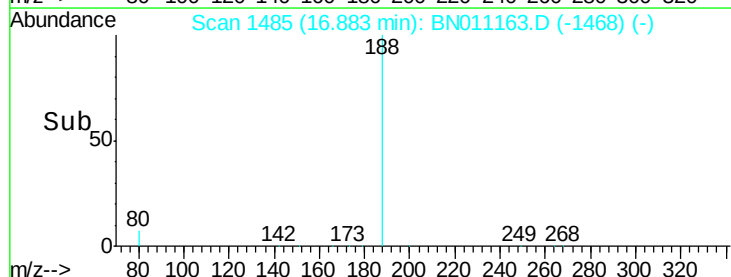
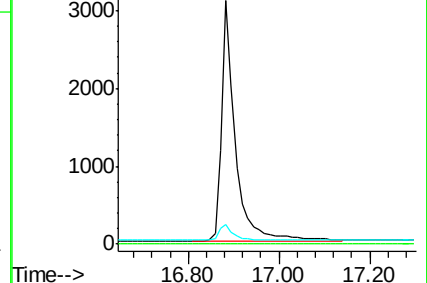
80 8.1 6.3 9.5

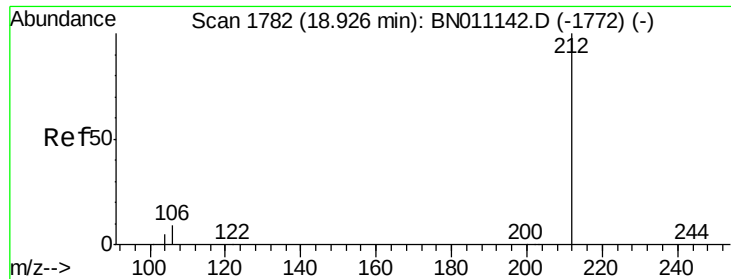


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

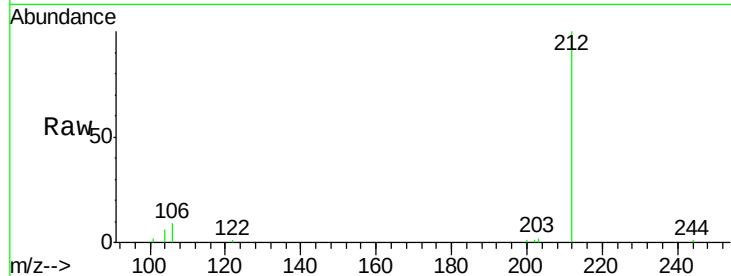




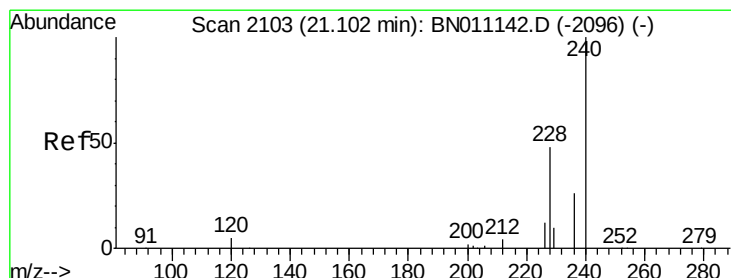
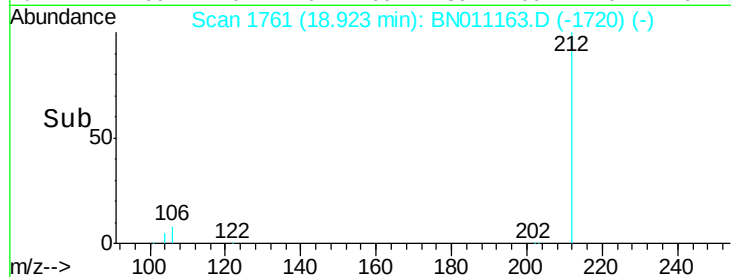
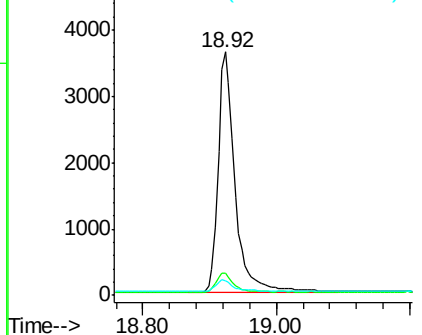
#27
 Fluoranthene-d10
 Concen: 0.309 ng
 RT: 18.92 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BN011163.D
 Acq: 14 Jul 2020 17:28

Instrument :
 BNA_N
 ClientSampleId :
 PB130139BL

Tot Ion:212 Resp: 6370
 Ion Ratio Lower Upper
 212 100
 106 7.8 7.0 10.6
 104 4.9 4.2 6.4

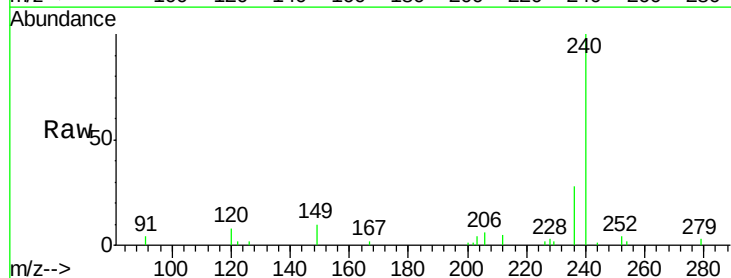


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

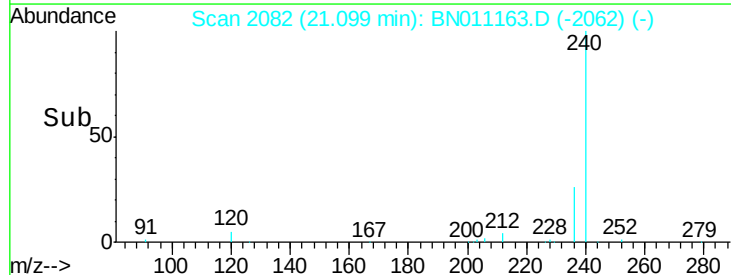
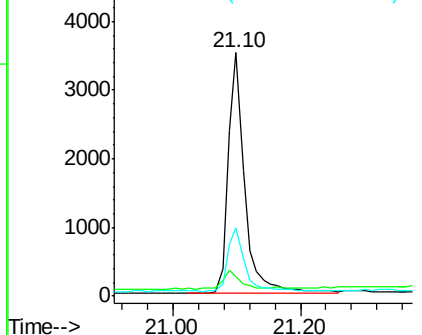


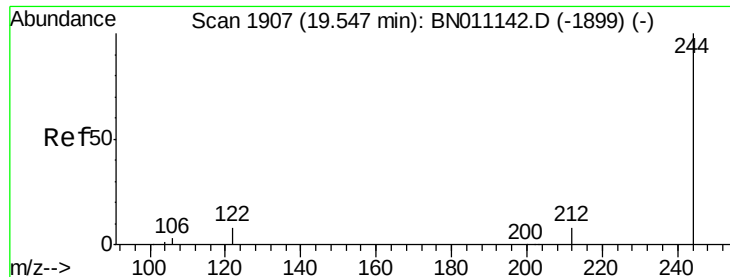
#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.10 min Scan# 2082
 Delta R.T. 0.01 min
 Lab File: BN011163.D
 Acq: 14 Jul 2020 17:28

Tgt Ion:240 Resp: 6177
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.5 9.7
 236 28.0 21.9 32.9



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





#31

Terphenyl-d14

Concen: 0.325 ng

RT: 19.54 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN011163.D

Acq: 14 Jul 2020 17:28

Instrument :

BNA_N

ClientSampleId :

PB130139BL

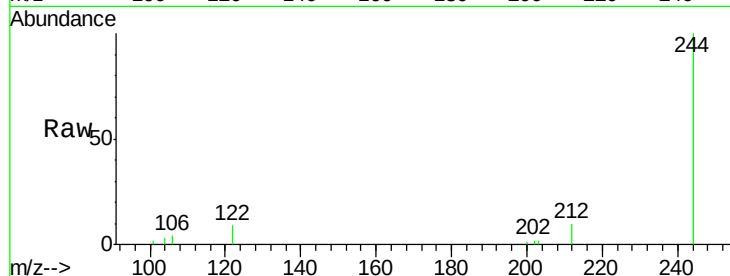
Tot Ion:244 Resp: 5230

Ion Ratio Lower Upper

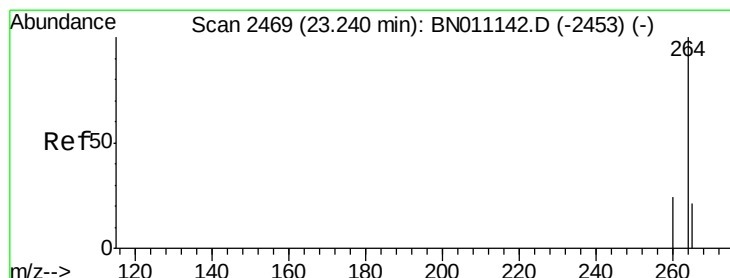
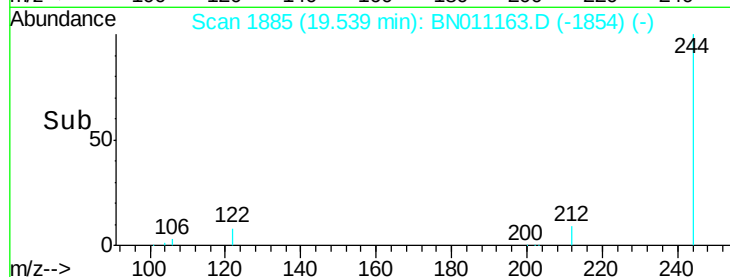
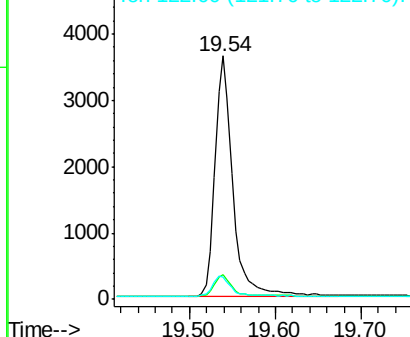
244 100

212 10.2 7.8 11.6

122 9.0 7.4 11.0



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: 23.23 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BN011163.D

Acq: 14 Jul 2020 17:28

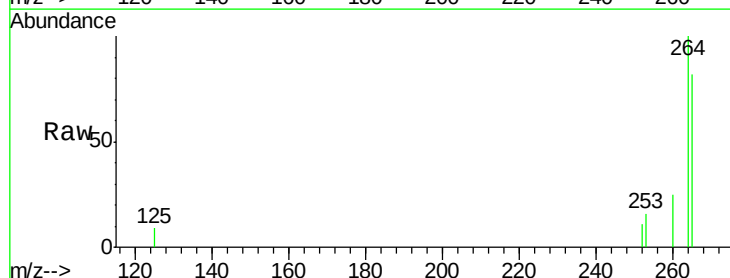
Tgt Ion:264 Resp: 6004

Ion Ratio Lower Upper

264 100

260 25.3 20.1 30.1

265 81.6 76.6 115.0



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

