

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
 Data File : BN011395.D
 Acq On : 07 Aug 2020 12:39
 Operator : CG/JU
 Sample : PB130764BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB130764BL

Quant Time: Aug 07 13:33:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 12:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1816	0.40	ng	0.00
7) Naphthalene-d8	10.21	136	5512	0.40	ng	0.00
13) Acenaphthene-d10	14.09	164	2840	0.40	ng	0.00
19) Phenanthrene-d10	16.85	188	5136	0.40	ng	0.00
29) Chrysene-d12	21.07	240	3593	0.40	ng	0.00
36) Perylene-d12	23.19	264	4840	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1450	0.30	ng	0.00
5) Phenol-d6	6.67	99	1386	0.24	ng	0.00
8) Nitrobenzene-d5	8.62	82	1627	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	11.81	152	2794	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.61	330	282	0.22	ng	0.01
15) 2-Fluorobiphenyl	12.71	172	5140	0.42	ng	0.00
27) Fluoranthene-d10	18.89	212	4566	0.29	ng	0.00
31) Terphenyl-d14	19.50	244	4537	0.42	ng	0.00

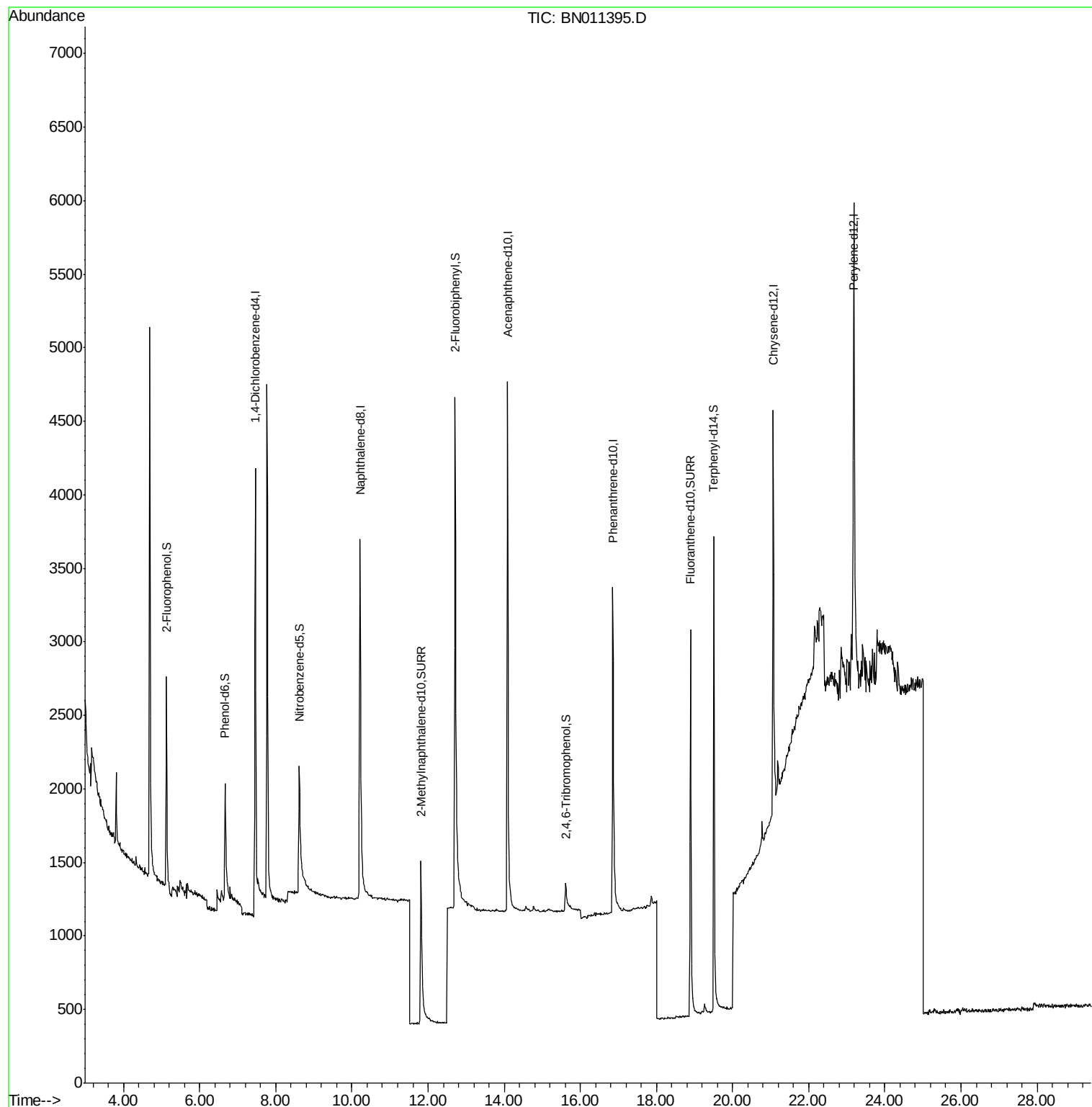
Target Compounds	Qvalue
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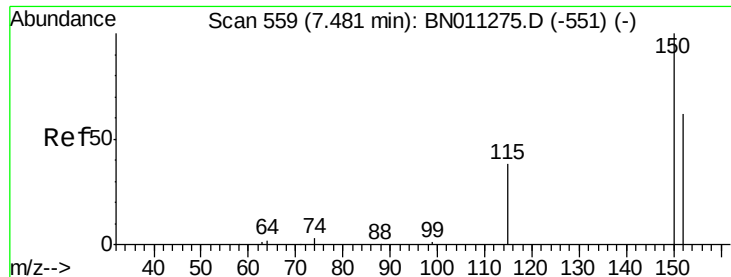
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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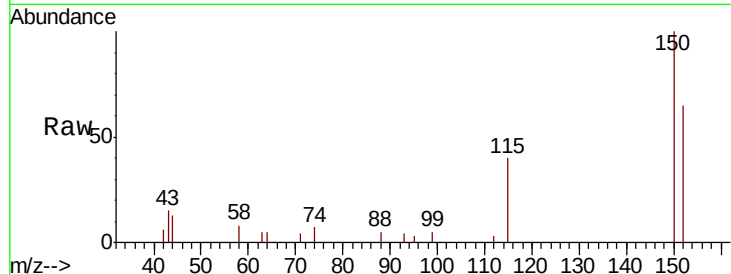




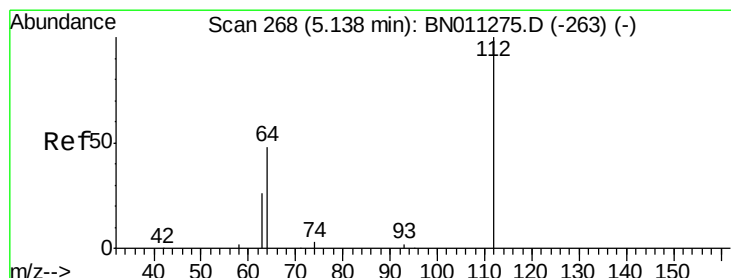
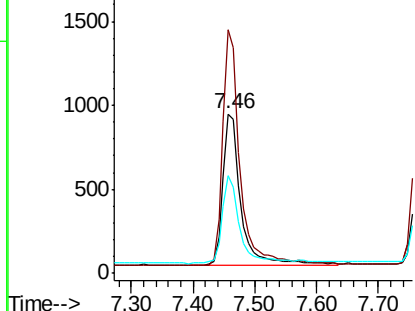
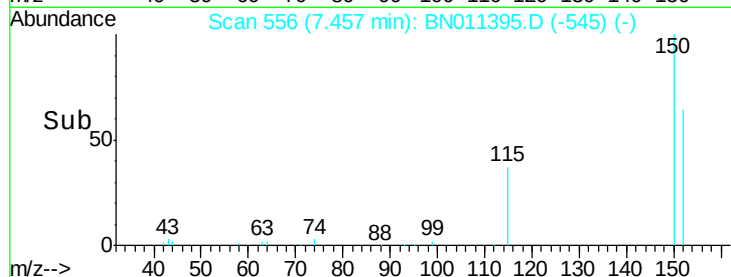
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.46 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BN011395.D
 Acq: 07 Aug 2020 12:39

Instrument :
 BNA_N
 ClientSampleId :
 PB130764BL

Tot Ion:152 Resp: 1816
 Ion Ratio Lower Upper
 152 100
 150 153.0 126.5 189.7
 115 61.1 51.9 77.9

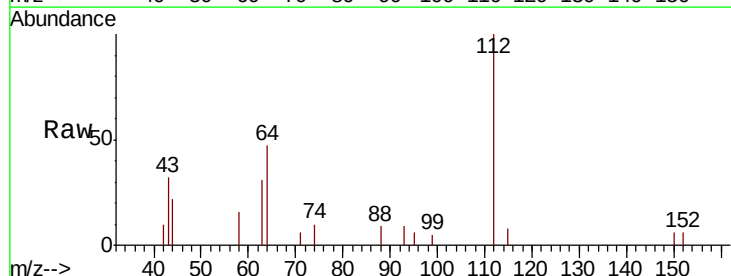


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

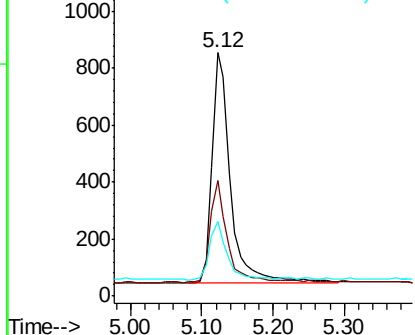
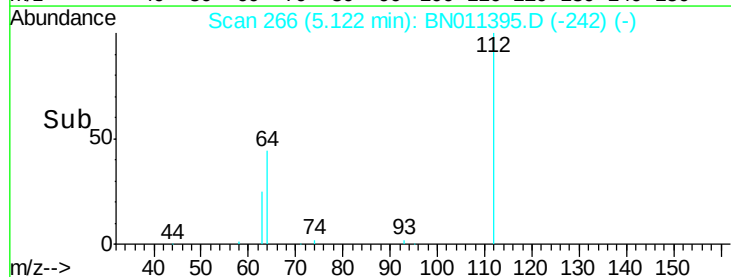


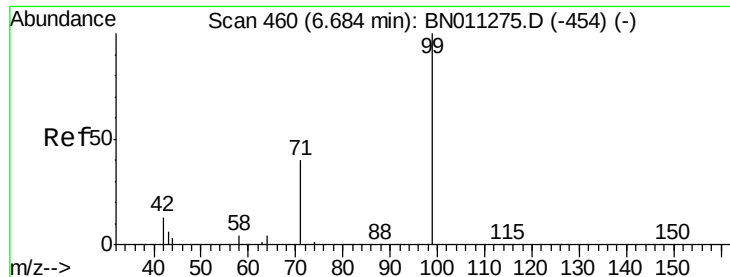
#4
 2-Fluorophenol
 Concen: 0.304 ng
 RT: 5.12 min Scan# 266
 Delta R.T. -0.01 min
 Lab File: BN011395.D
 Acq: 07 Aug 2020 12:39

Tgt Ion:112 Resp: 1450
 Ion Ratio Lower Upper
 112 100
 64 41.5 35.8 53.6
 63 24.3 19.3 28.9



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: 0.239 ng

RT: 6.67 min Scan# 458

Delta R.T. 0.00 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

Instrument :

BNA_N

ClientSampleId :

PB130764BL

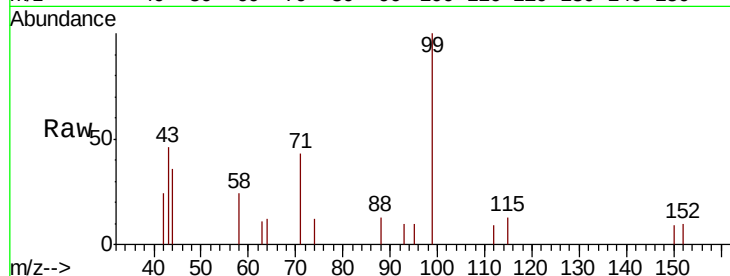
Tot Ion: 99 Resp: 1386

Ion Ratio Lower Upper

99 100

42 9.5 11.2 16.8#

71 37.8 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BN011275.D (-454) (-)

Ion 42.00 (41.70 to 42.70): BN011275.D (-454) (-)

Ion 71.00 (70.70 to 71.70): BN011275.D (-454) (-)

6.67

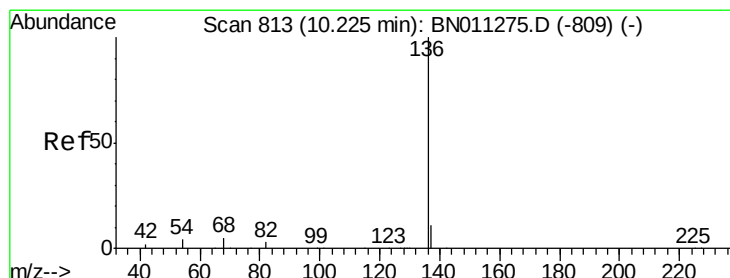
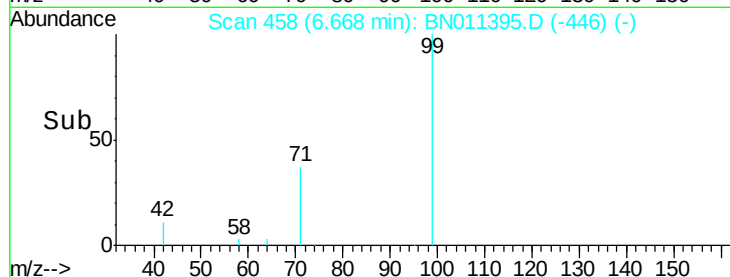
400

200

0

6.60 6.70 6.80

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.21 min Scan# 812

Delta R.T. 0.00 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

Tgt Ion: 136 Resp: 5512

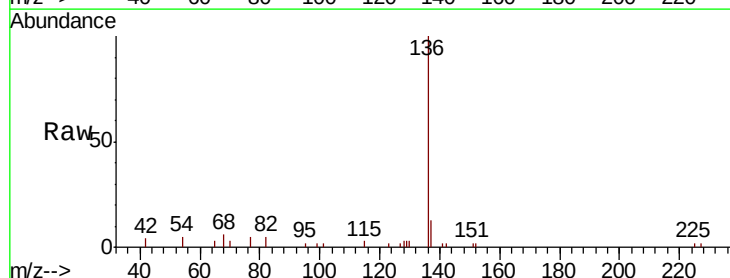
Ion Ratio Lower Upper

136 100

137 13.0 9.9 14.9

54 5.3 4.8 7.2

68 5.5 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BN011275.D (-809) (-)

Ion 137.00 (136.70 to 137.70): BN011275.D (-809) (-)

Ion 54.00 (53.70 to 54.70): BN011275.D (-809) (-)

Ion 68.00 (67.70 to 68.70): BN011275.D (-809) (-)

10.21

3000

2500

2000

1500

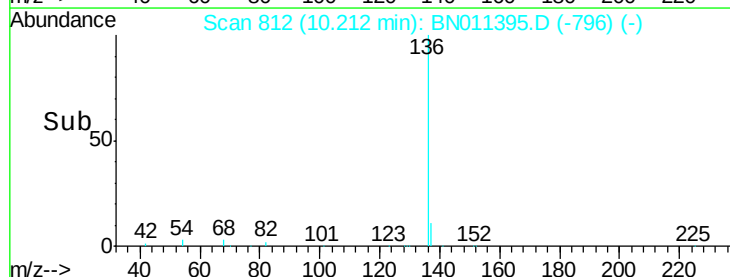
1000

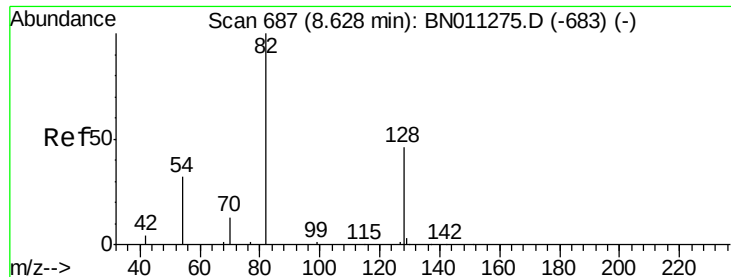
500

0

10.10 10.20 10.30 10.40

Time-->

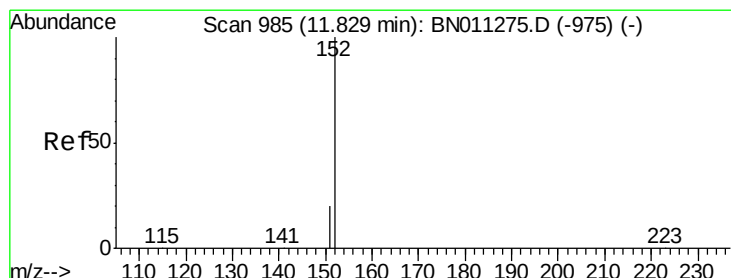
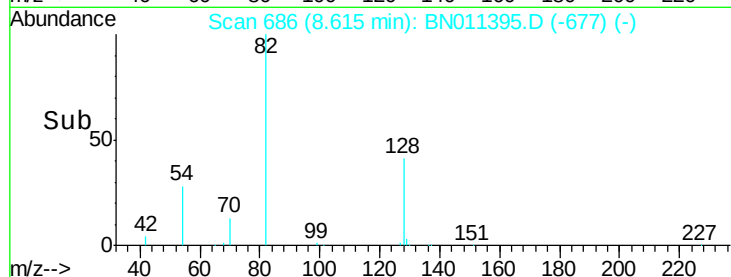
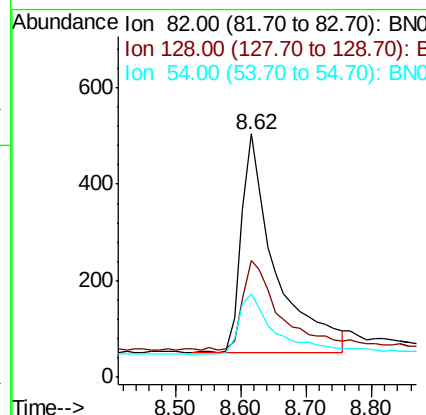
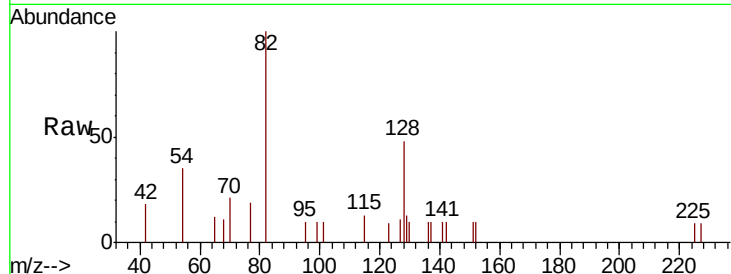




#8
 Nitrobenzene-d5
 Concen: 0.331 ng
 RT: 8.62 min Scan# 686
 Delta R.T. 0.01 min
 Lab File: BN011395.D
 Acq: 07 Aug 2020 12:39

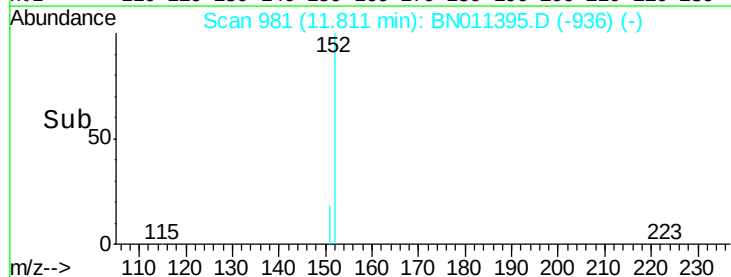
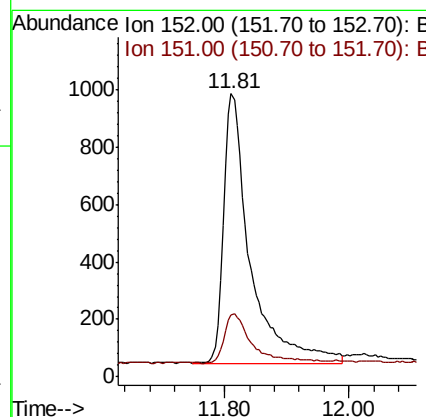
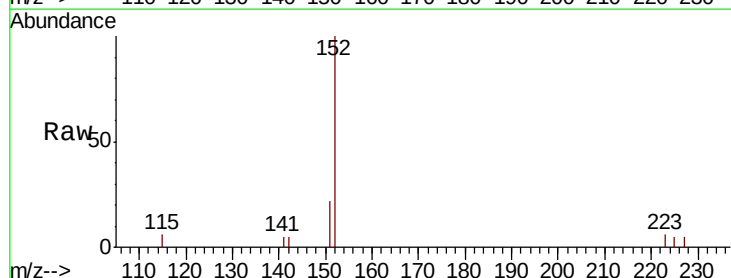
Instrument :
 BNA_N
 ClientSampleId :
 PB130764BL

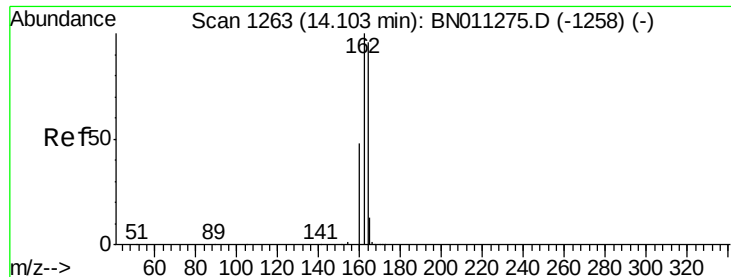
Tot Ion	82	Resp	1627
Ion Ratio	Lower	Upper	
82	100		
128	48.2	40.1	60.1
54	34.5	29.0	43.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.278 ng
 RT: 11.81 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BN011395.D
 Acq: 07 Aug 2020 12:39

Tgt Ion	152	Resp	2794
Ion Ratio	Lower	Upper	
152	100		
151	19.0	16.6	24.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.09 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

Instrument :

BNA_N

ClientSampleId :

PB130764BL

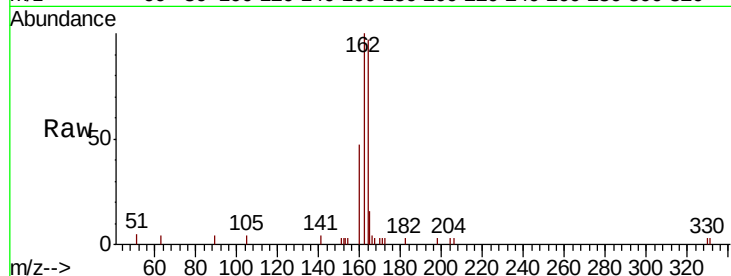
Tot Ion:164 Resp: 2840

Ion Ratio Lower Upper

164 100

162 102.9 83.6 125.4

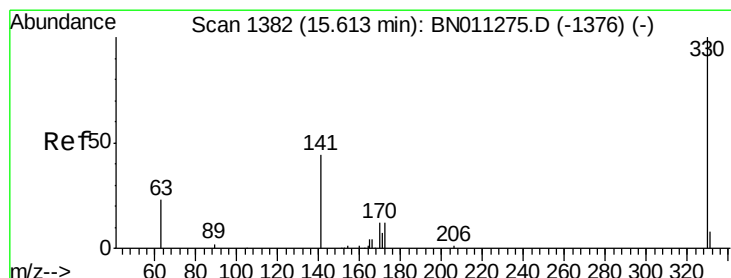
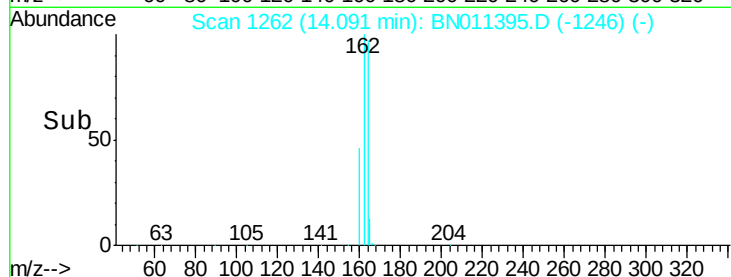
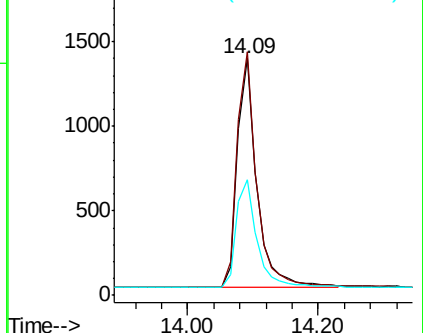
160 48.8 41.2 61.8



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: 0.215 ng

RT: 15.61 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

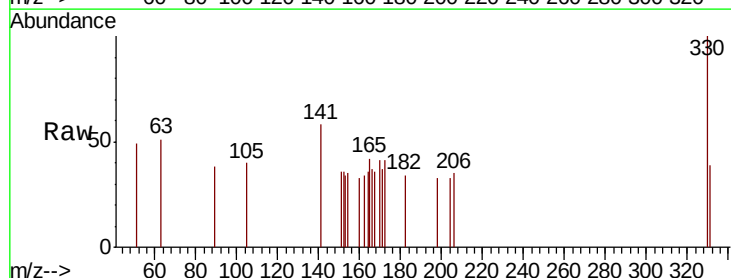
Tgt Ion:330 Resp: 282

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

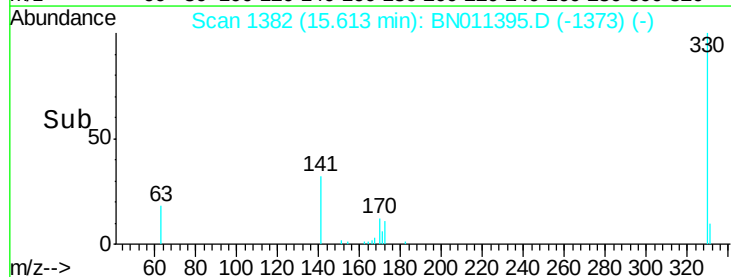
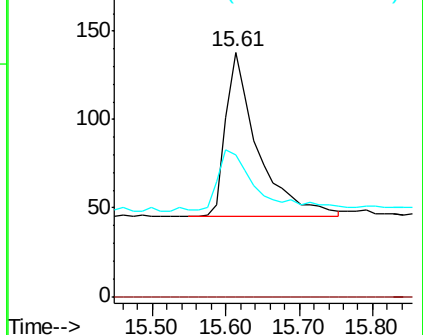
141 47.5 34.2 51.2

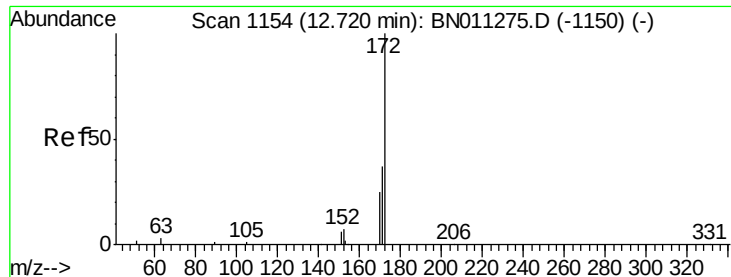


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

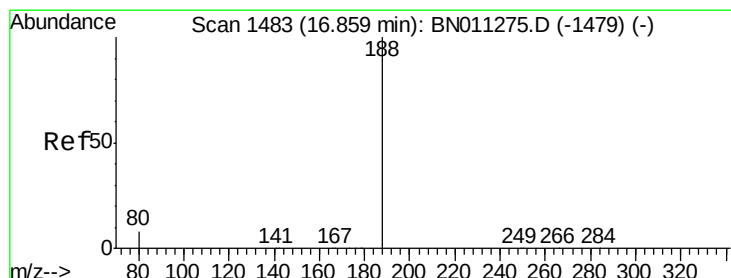
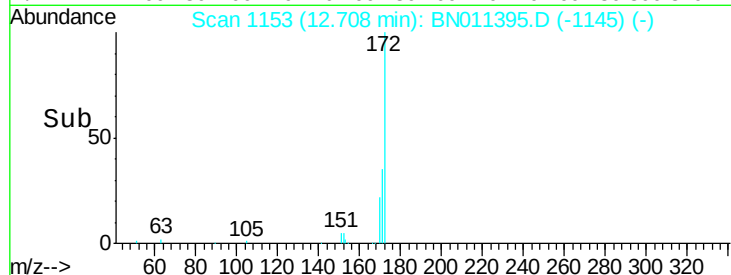
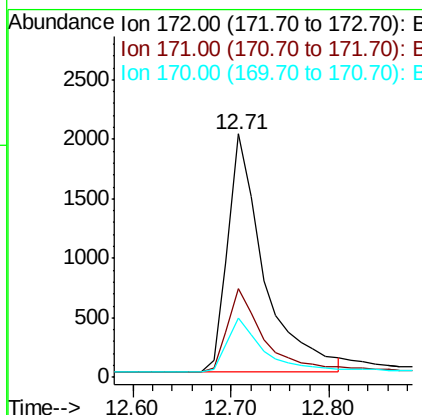
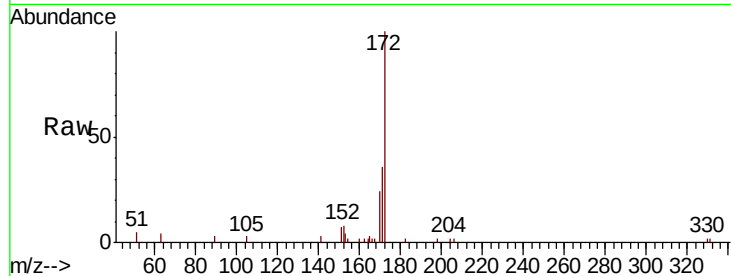




#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 12.71 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BN011395.D
Acq: 07 Aug 2020 12:39

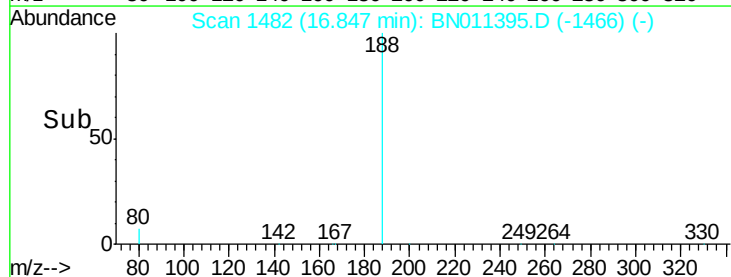
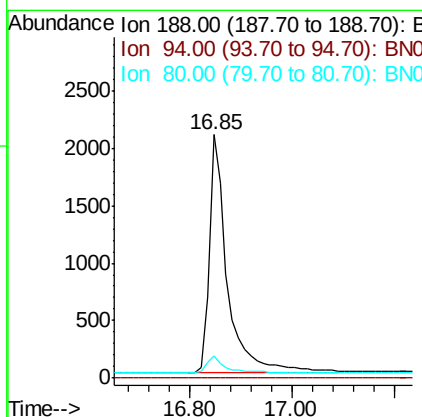
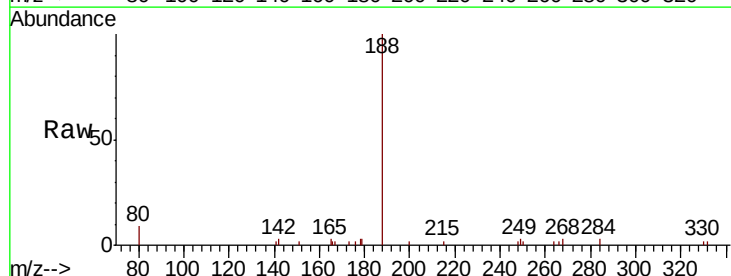
Instrument :
BNA_N
ClientSampleId :
PB130764BL

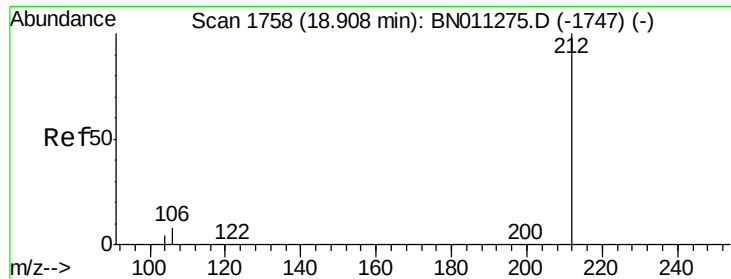
Tot Ion:172 Resp: 5140
Ion Ratio Lower Upper
172 100
171 36.4 30.6 46.0
170 24.1 21.0 31.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.85 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BN011395.D
Acq: 07 Aug 2020 12:39

Tgt Ion:188 Resp: 5136
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.4 11.0

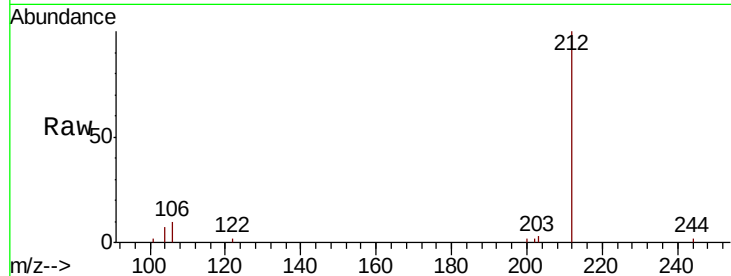




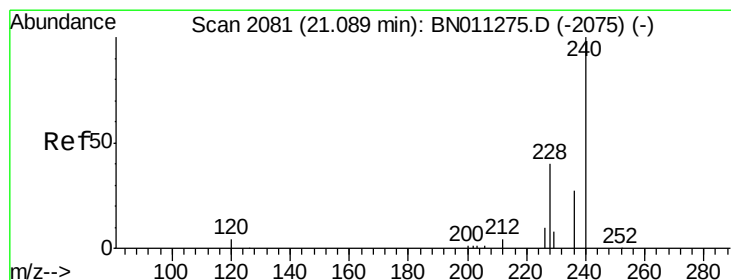
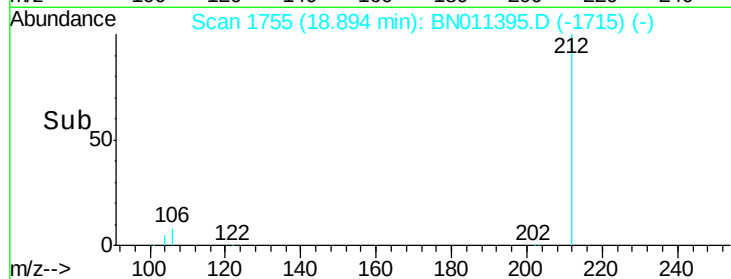
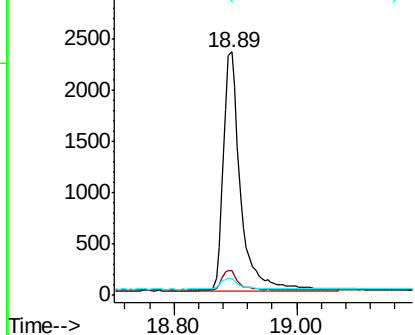
#27
 Fluoranthene-d10
 Concen: 0.291 ng
 RT: 18.89 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BN011395.D
 Acq: 07 Aug 2020 12:39

Instrument :
 BNA_N
 ClientSampleId :
 PB130764BL

Tot Ion:212 Resp: 4566
 Ion Ratio Lower Upper
 212 100
 106 8.1 6.9 10.3
 104 4.6 4.2 6.2

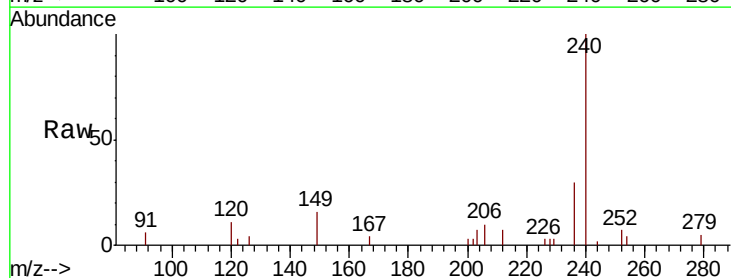


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

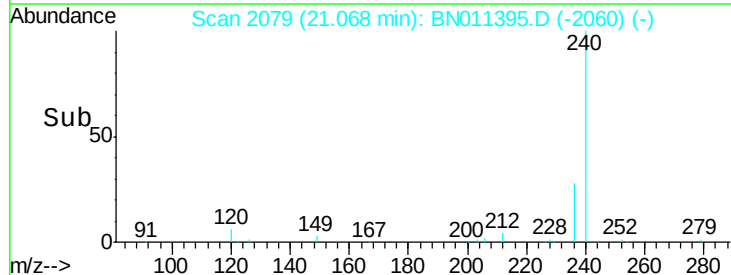
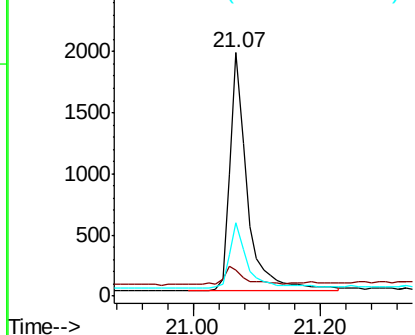


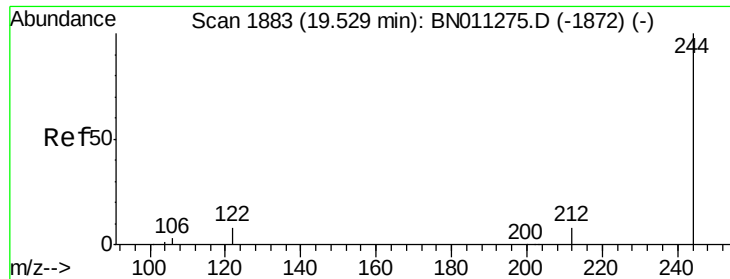
#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.07 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BN011395.D
 Acq: 07 Aug 2020 12:39

Tgt Ion:240 Resp: 3593
 Ion Ratio Lower Upper
 240 100
 120 10.6 5.8 8.8#
 236 30.2 22.7 34.1



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: 0.417 ng

RT: 19.50 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

Instrument :

BNA_N

ClientSampleId :

PB130764BL

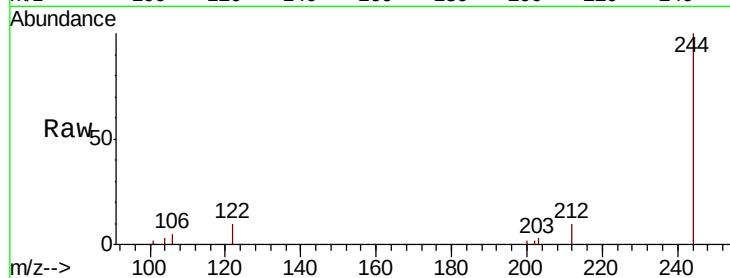
Tot Ion:244 Resp: 4537

Ion Ratio Lower Upper

244 100

212 9.9 7.6 11.4

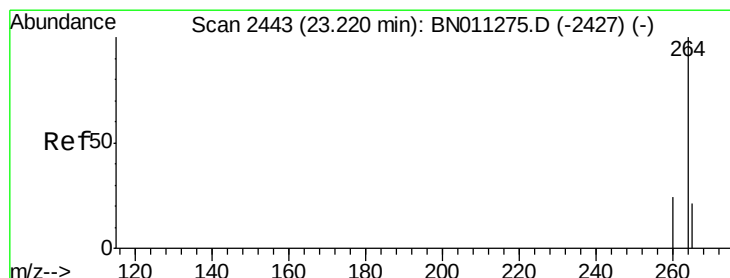
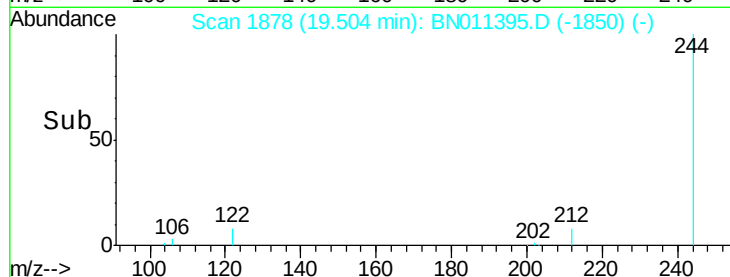
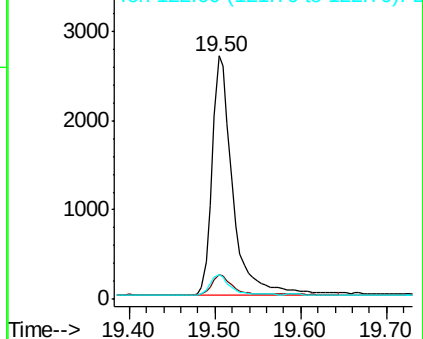
122 10.0 7.5 11.3



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: 23.19 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BN011395.D

Acq: 07 Aug 2020 12:39

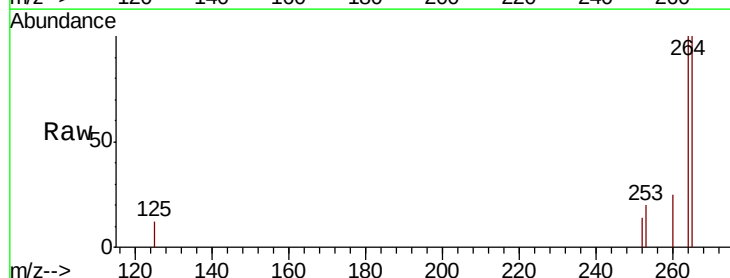
Tgt Ion:264 Resp: 4840

Ion Ratio Lower Upper

264 100

260 25.3 20.1 30.1

265 100.0 70.7 106.1



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

