

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010170.D
 Acq On : 10 Mar 2020 21:16
 Operator : CG/JU
 Sample : L1842-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-20200303

Quant Time: Mar 11 11:58:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	721	0.40	ng	-0.04
7) Naphthalene-d8	10.14	136	2525	0.40	ng	-0.04
13) Acenaphthene-d10	14.00	164	1619	0.40	ng	-0.06
19) Phenanthrene-d10	16.78	188	3169	0.40	ng	-0.03
27) Chrysene-d12	20.99	240	3407	0.40	ng	-0.04
34) Perylene-d12	23.09	264	3535	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	351	0.22	ng	-0.04
5) Phenol-d6	6.63	99	211	0.11	ng	-0.02
8) Nitrobenzene-d5	8.58	82	843	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.73	152	1668	0.34	ng	-0.05
14) 2,4,6-Tribromophenol	15.55	330	221	0.35	ng	-0.03
15) 2-Fluorobiphenyl	12.63	172	2517	0.41	ng	-0.06
25) Fluoranthene-d10	18.82	212	4154	0.38	ng	-0.04
29) Terphenyl-d14	19.43	244	3757	0.46	ng	-0.05

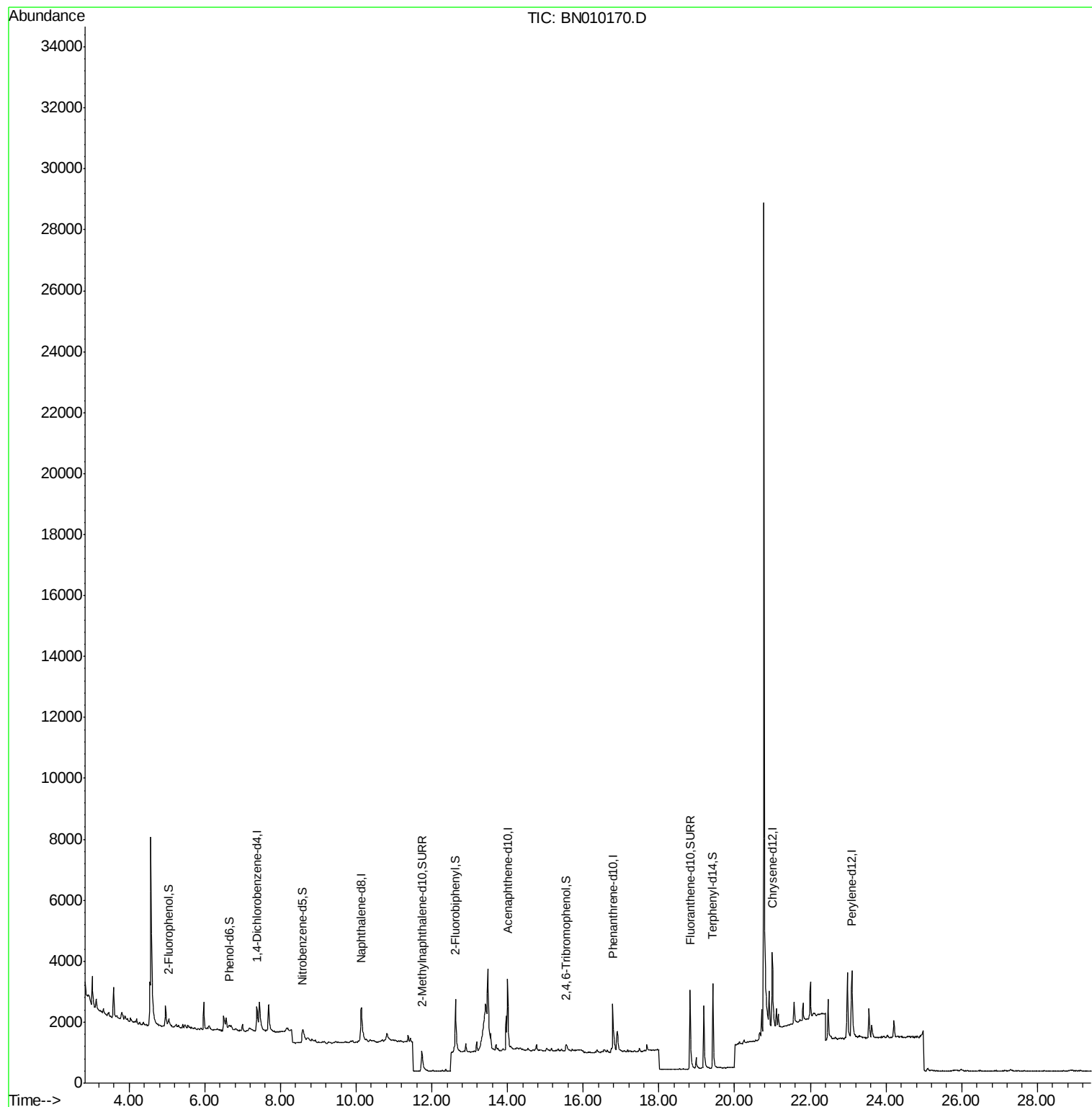
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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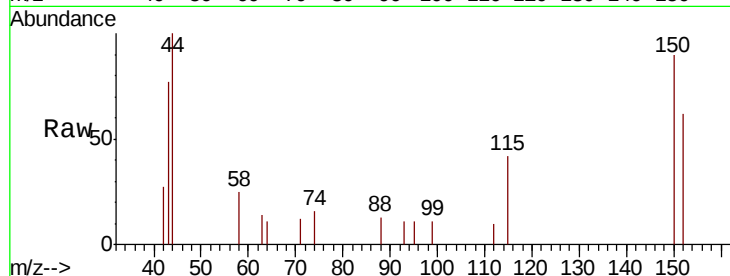


#1

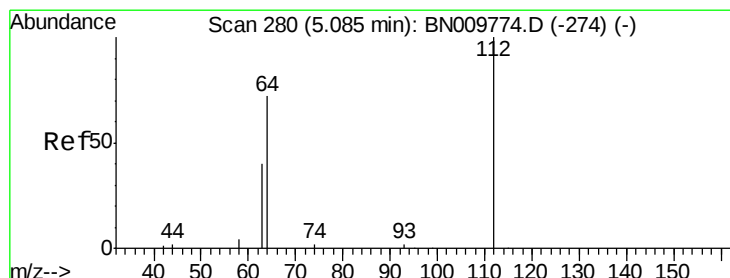
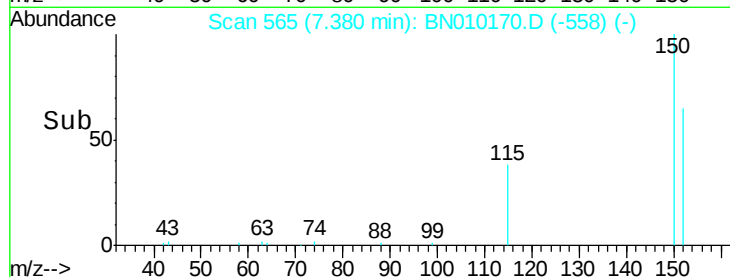
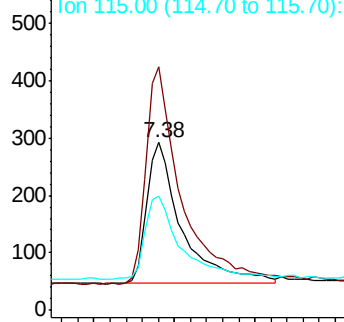
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010170.D
Acq: 10 Mar 2020 21:16

Instrument :
BNA_N
ClientSampleId :
EB-01-20200303

Tot Ion:152 Resp: 721
Ion Ratio Lower Upper
152 100
150 145.2 120.6 181.0
115 67.8 51.2 76.8



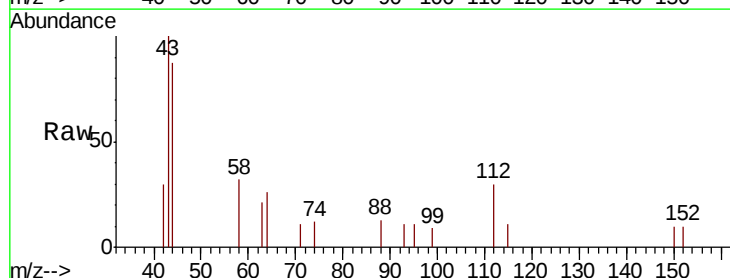
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



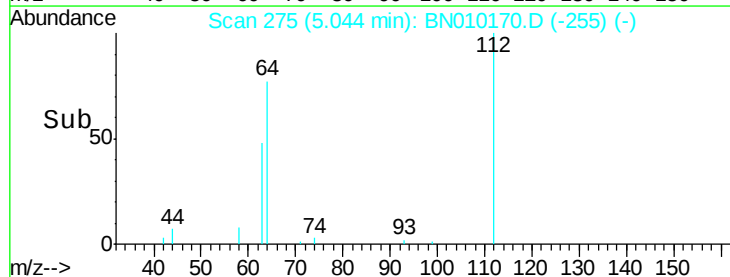
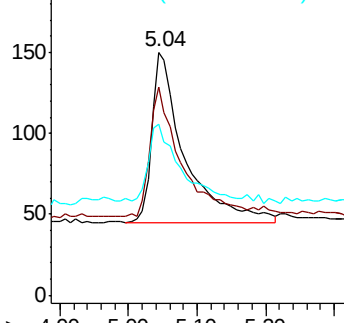
#4

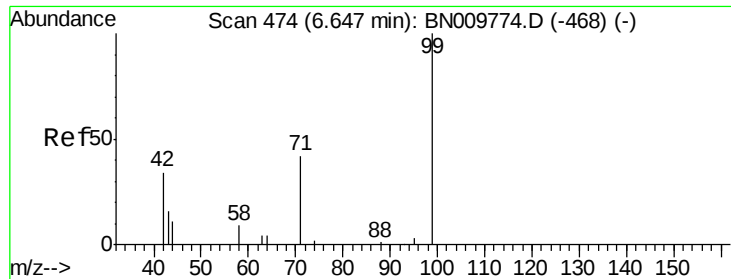
2-Fluorophenol
Concen: 0.219 ng
RT: 5.04 min Scan# 275
Delta R.T. -0.04 min
Lab File: BN010170.D
Acq: 10 Mar 2020 21:16

Tgt Ion:112 Resp: 351
Ion Ratio Lower Upper
112 100
64 71.8 65.8 98.6
63 45.6 38.7 58.1



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: 0.108 ng

RT: 6.63 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

Instrument :

BNA_N

ClientSampleId :

EB-01-20200303

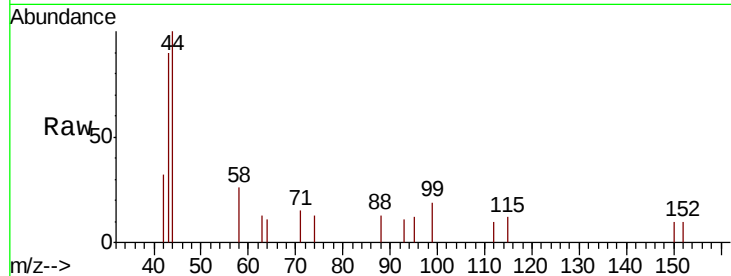
Tot Ion: 99 Resp: 211

Ion Ratio Lower Upper

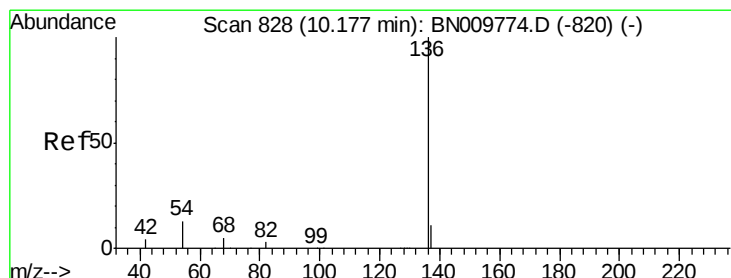
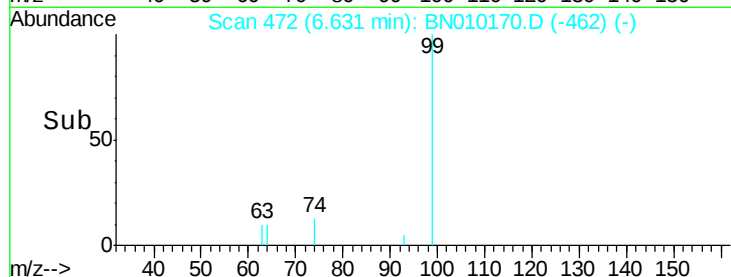
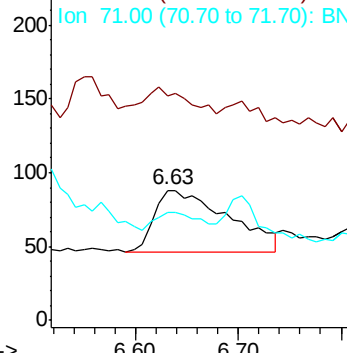
99 100

42 25.1 30.8 46.2#

71 18.5 34.9 52.3#



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. -0.04 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

Tgt Ion: 136 Resp: 2525

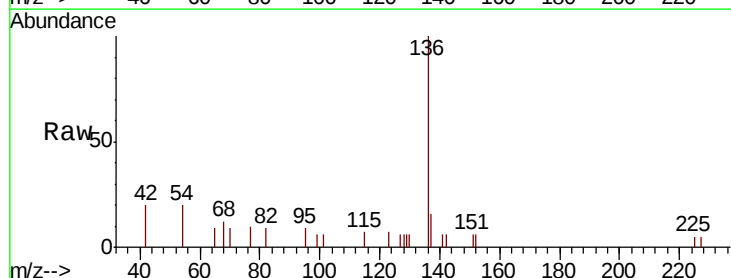
Ion Ratio Lower Upper

136 100

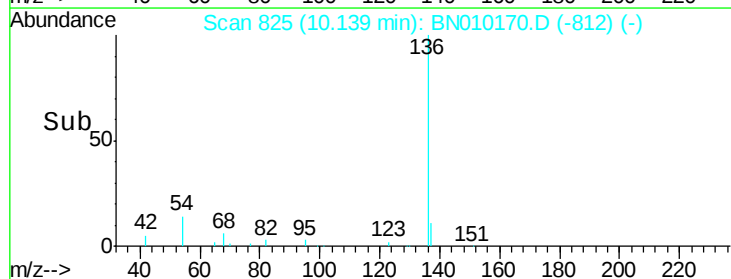
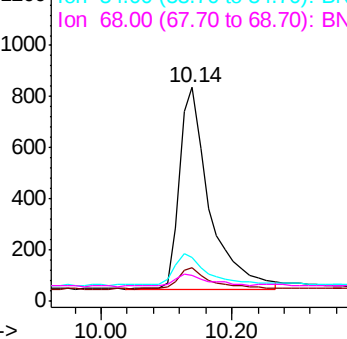
137 15.6 11.3 16.9

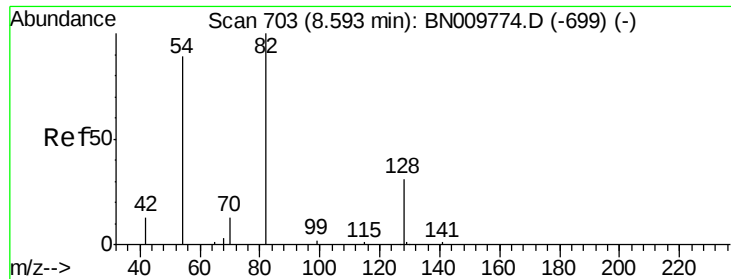
54 20.2 13.4 20.2#

68 12.0 7.0 10.4#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BN0
Ion 68.00 (67.70 to 68.70): BN0

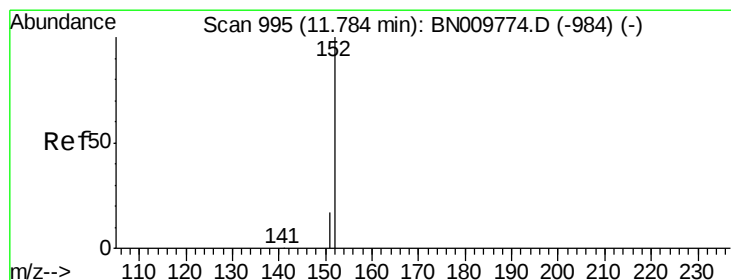
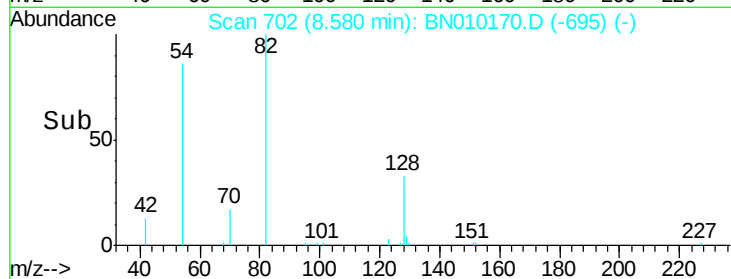
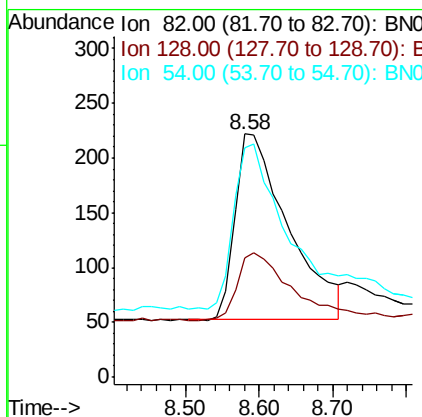
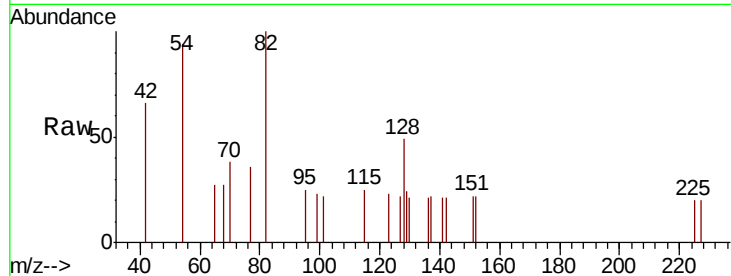




#8
 Nitrobenzene-d5
 Concen: 0.401 ng
 RT: 8.58 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BN010170.D
 Acq: 10 Mar 2020 21:16

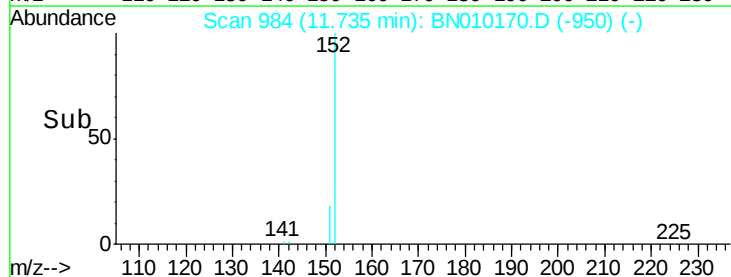
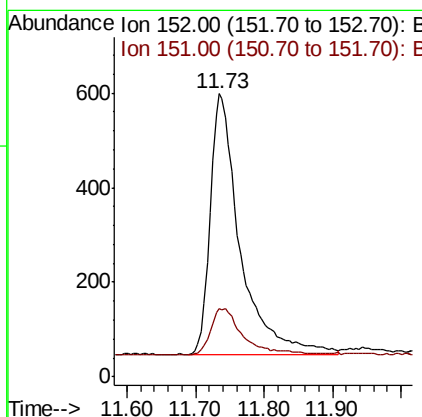
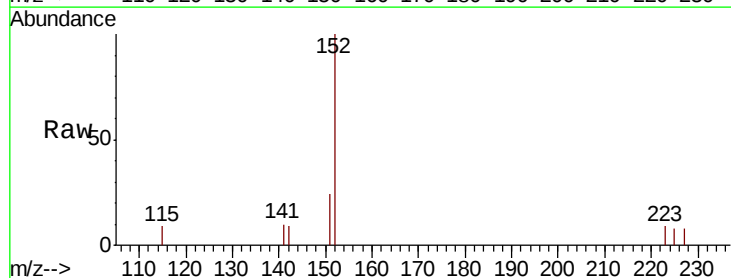
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-20200303

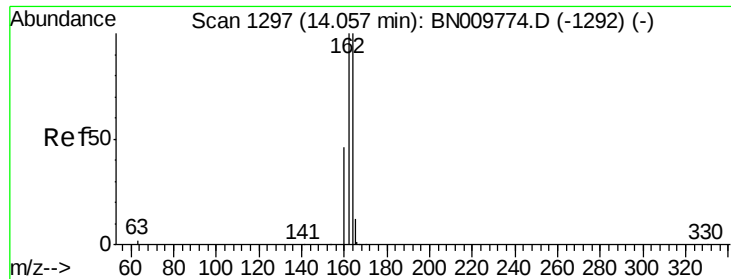
Tot Ion: 82 Resp: 843
 Ion Ratio Lower Upper
 82 100
 128 49.1 32.5 48.7#
 54 94.1 73.5 110.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.341 ng
 RT: 11.73 min Scan# 984
 Delta R.T. -0.05 min
 Lab File: BN010170.D
 Acq: 10 Mar 2020 21:16

Tgt Ion: 152 Resp: 1668
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.1 22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

Instrument :

BNA_N

ClientSampleId :

EB-01-20200303

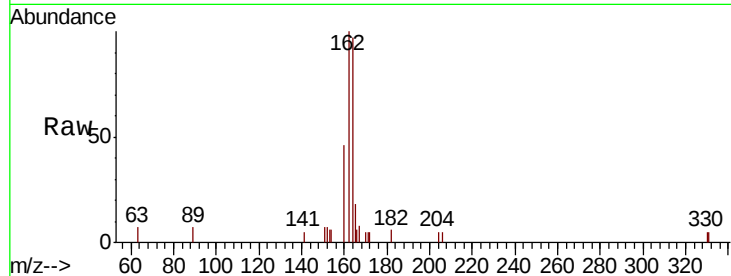
Tot Ion:164 Resp: 1619

Ion Ratio Lower Upper

164 100

162 103.5 79.9 119.9

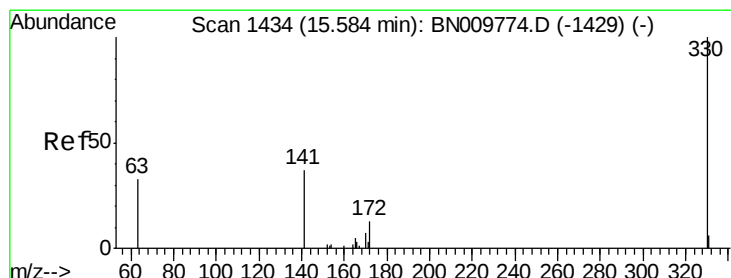
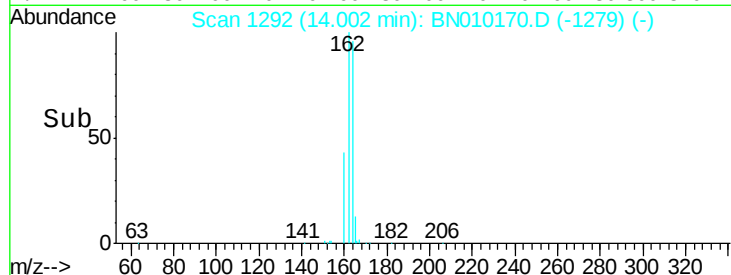
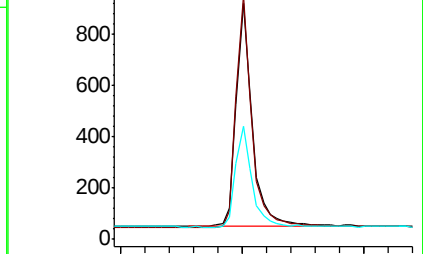
160 48.0 38.2 57.2



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: 0.354 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

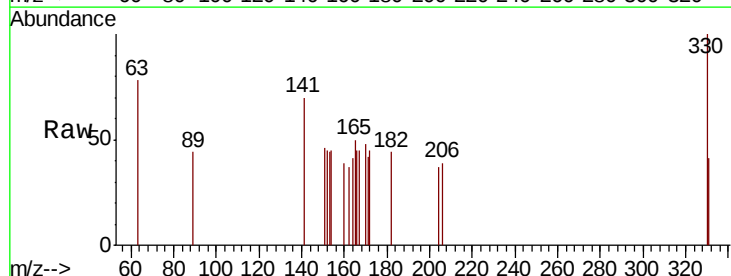
Tgt Ion:330 Resp: 221

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

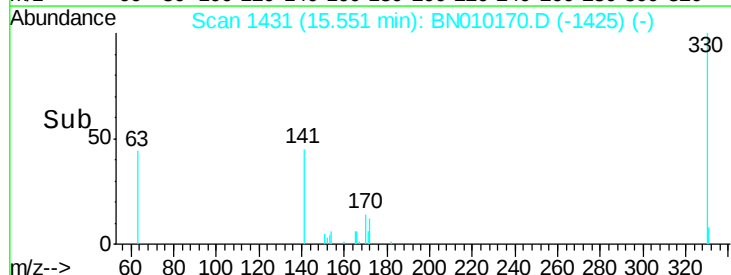
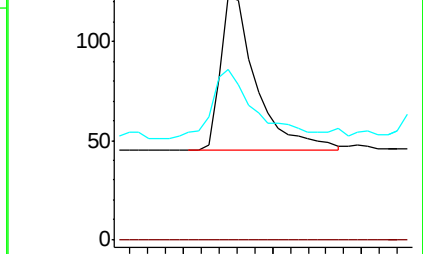
141 53.4 36.8 55.2

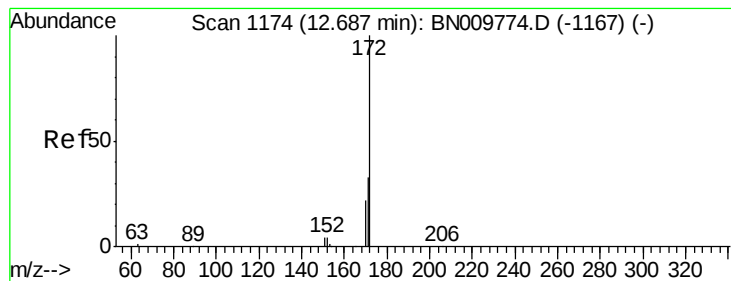


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.412 ng

RT: 12.63 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

Instrument :

BNA_N

ClientSampleId :

EB-01-20200303

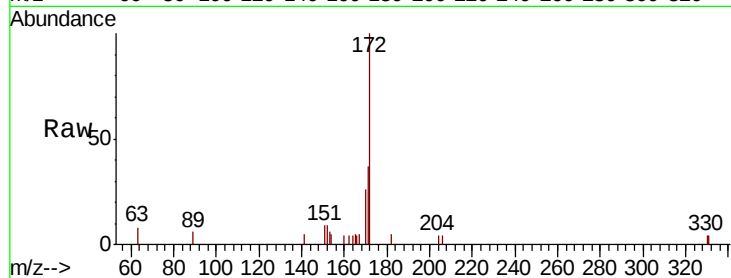
Tot Ion:172 Resp: 2517

Ion Ratio Lower Upper

172 100

171 37.2 28.7 43.1

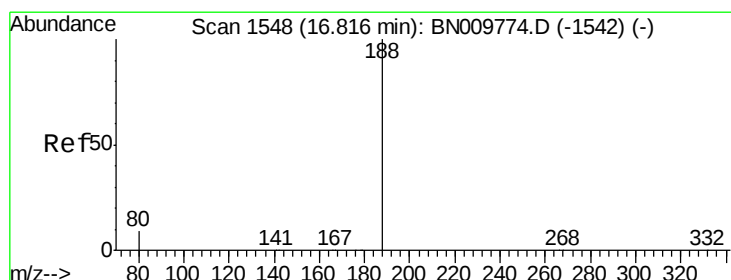
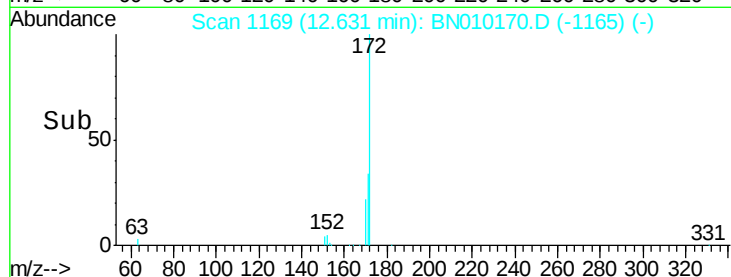
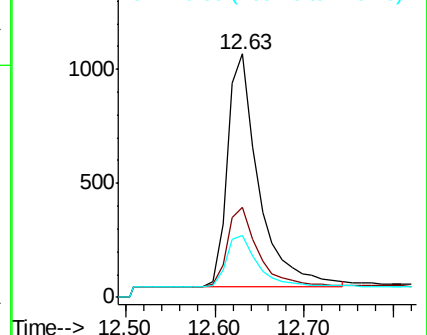
170 25.6 20.1 30.1



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: 16.78 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

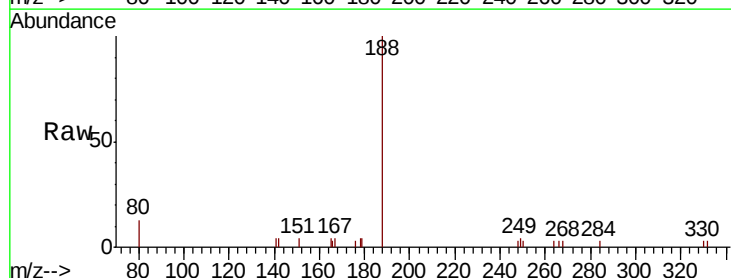
Tgt Ion:188 Resp: 3169

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

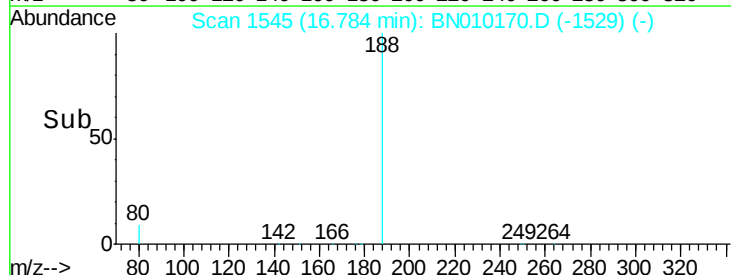
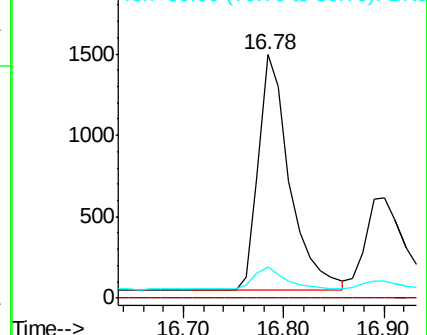
80 12.8 8.3 12.5#

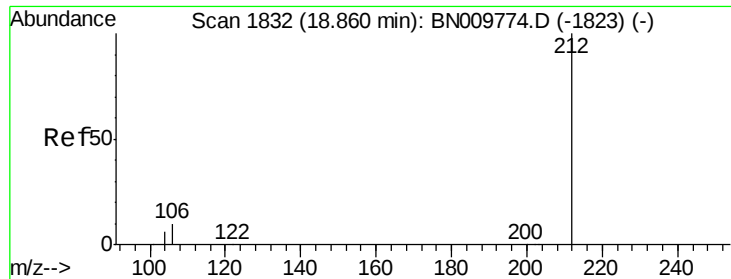


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 18.82 min Scan# 1824

Delta R.T. -0.04 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

Instrument :

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ClientSampleId :

EB-01-20200303

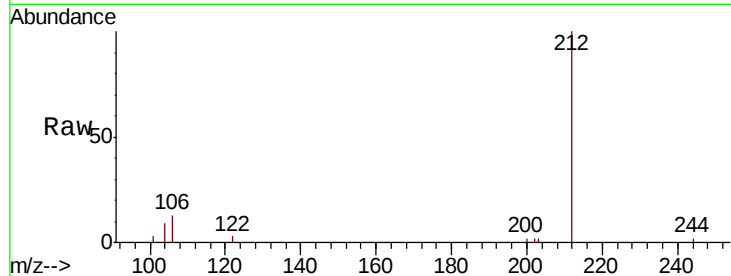
Tot Ion:212 Resp: 4154

Ion Ratio Lower Upper

212 100

106 10.2 8.4 12.6

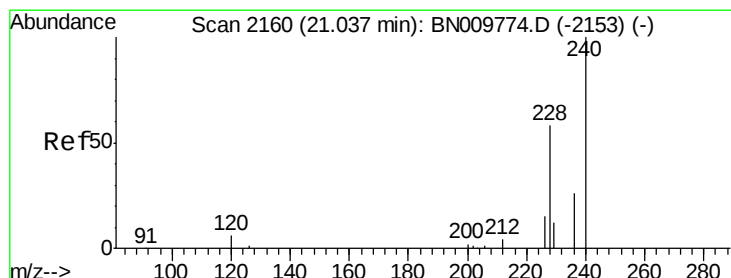
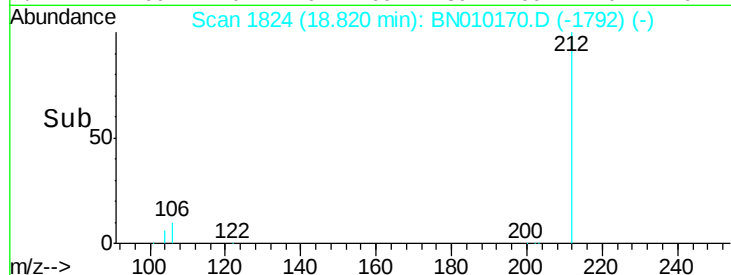
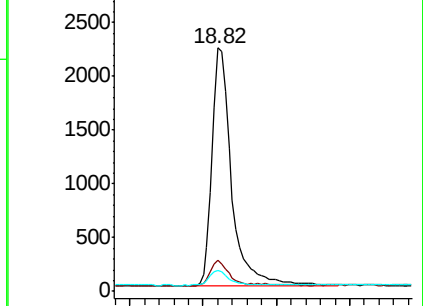
104 6.0 4.8 7.2



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.04 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

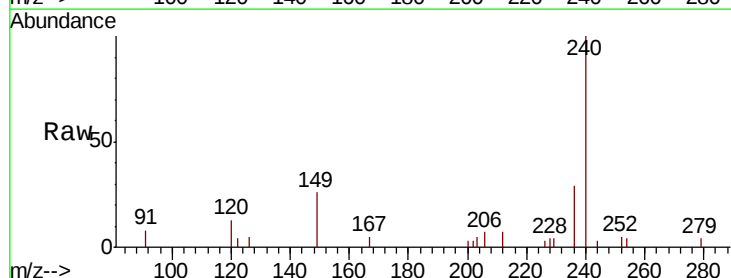
Tgt Ion:240 Resp: 3407

Ion Ratio Lower Upper

240 100

120 13.1 7.9 11.9#

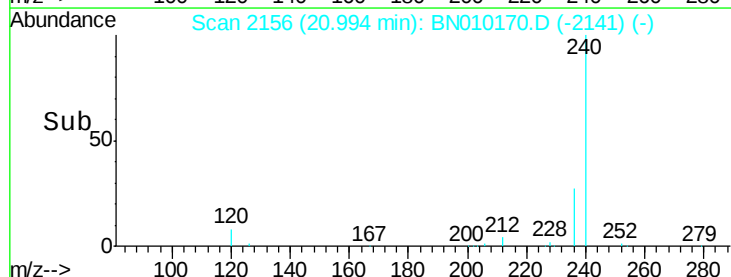
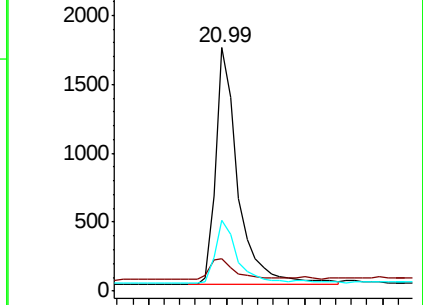
236 29.2 22.0 33.0

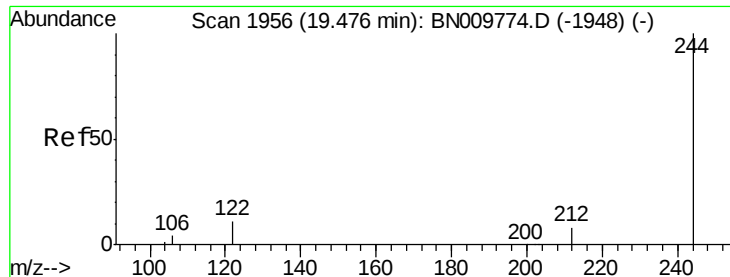


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.462 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.05 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

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EB-01-20200303

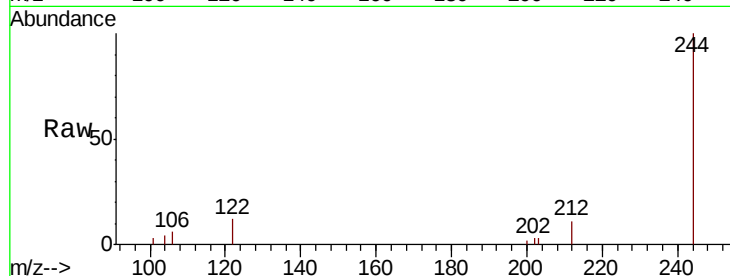
Tot Ion:244 Resp: 3757

Ion Ratio Lower Upper

244 100

212 10.5 8.0 12.0

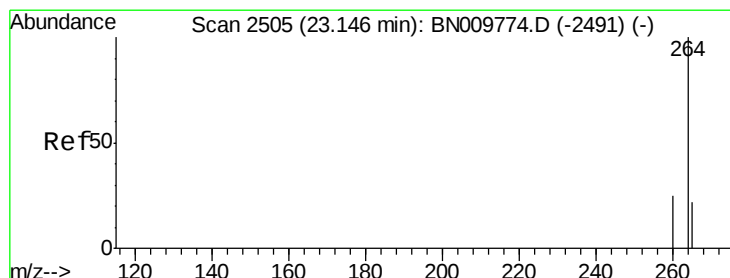
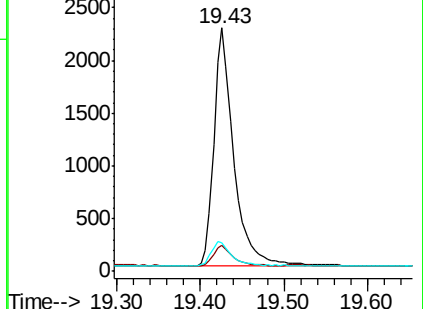
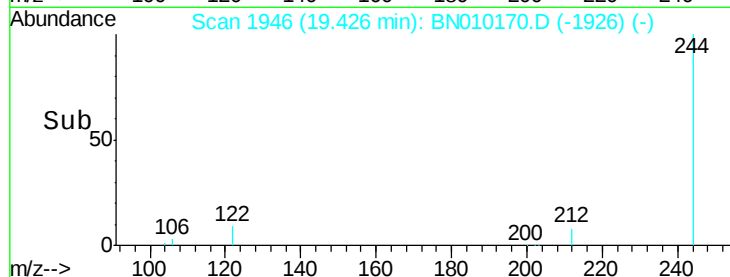
122 11.6 10.0 15.0



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.09 min Scan# 2490

Delta R.T. -0.05 min

Lab File: BN010170.D

Acq: 10 Mar 2020 21:16

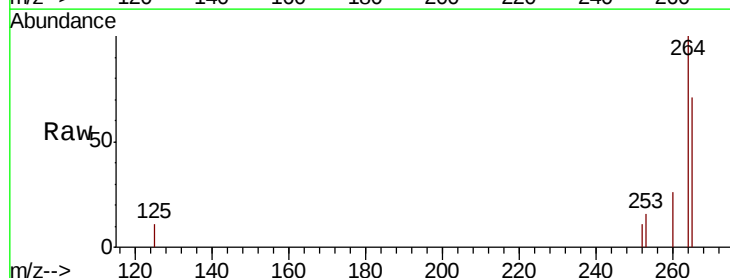
Tgt Ion:264 Resp: 3535

Ion Ratio Lower Upper

264 100

260 26.3 21.1 31.7

265 71.4 57.5 86.3



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

