

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010161.D
 Acq On : 10 Mar 2020 14:57
 Operator : CG/JU
 Sample : PB127320BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127320BL

Quant Time: Mar 10 15:57:19 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	980	0.40	ng	-0.04
7) Naphthalene-d8	10.11	136	3307	0.40	ng	-0.06
13) Acenaphthene-d10	14.01	164	1887	0.40	ng	-0.05
19) Phenanthrene-d10	16.78	188	4036	0.40	ng	-0.04
27) Chrysene-d12	21.00	240	3084	0.40	ng	-0.04
34) Perylene-d12	23.11	264	490	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	942	0.43	ng	-0.05
5) Phenol-d6	6.64	99	982	0.37	ng	0.00
8) Nitrobenzene-d5	8.54	82	1146	0.42	ng	-0.05
11) 2-Methylnaphthalene-d10	11.72	152	1709	0.27	ng	-0.06
14) 2,4,6-Tribromophenol	15.55	330	333	0.46	ng	-0.04
15) 2-Fluorobiphenyl	12.63	172	2530	0.36	ng	-0.06
25) Fluoranthene-d10	18.83	212	3252	0.23	ng	-0.03
29) Terphenyl-d14	19.43	244	2948	0.40	ng	-0.04

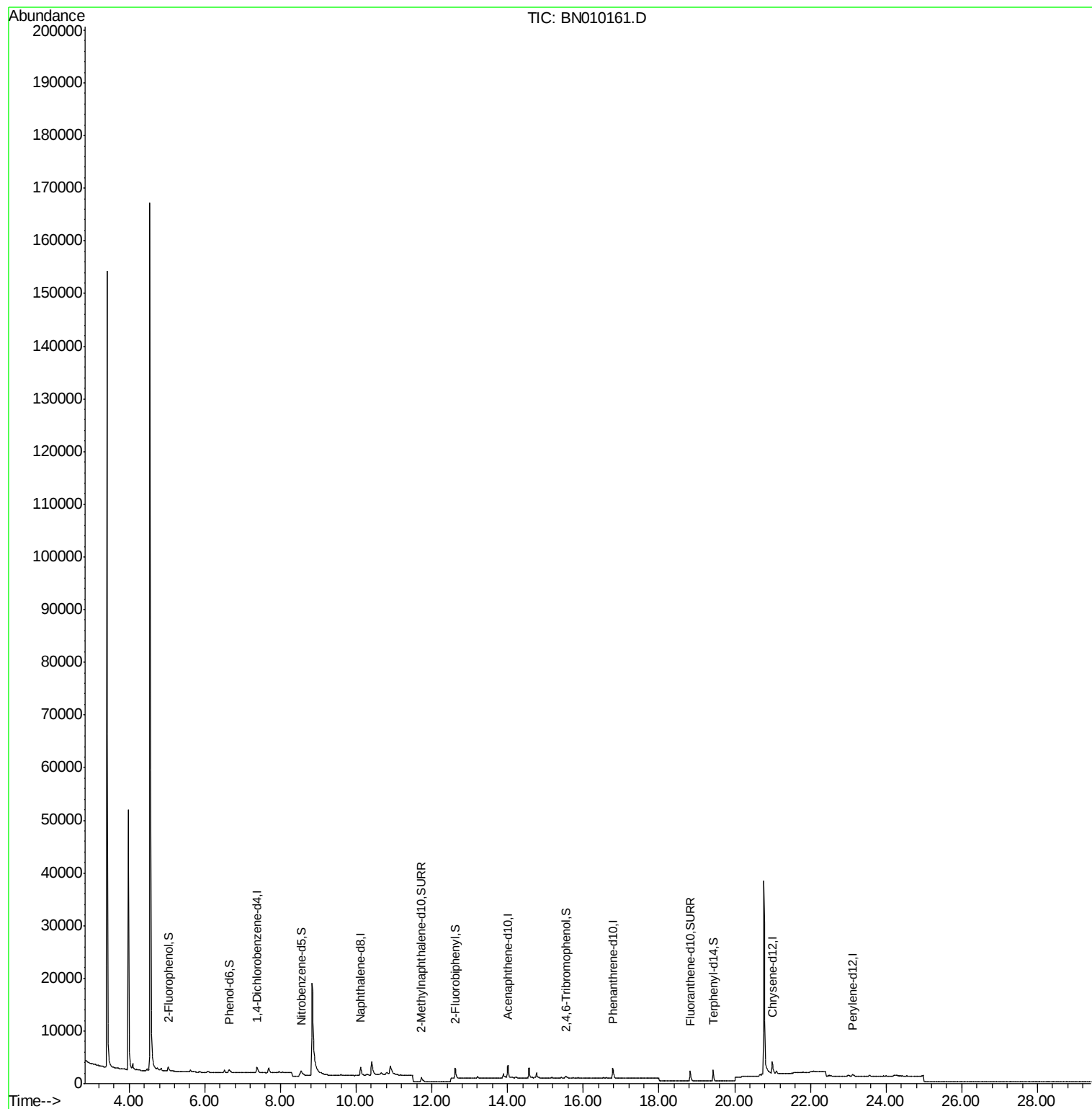
Target Compounds	Qvalue

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

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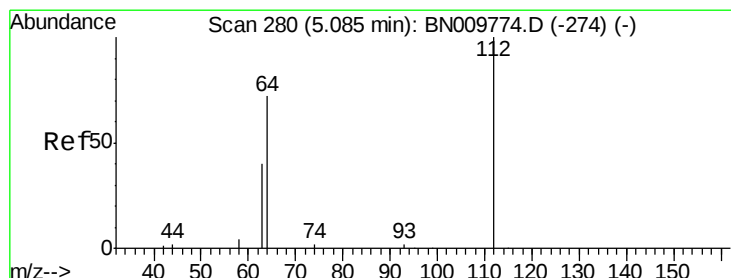
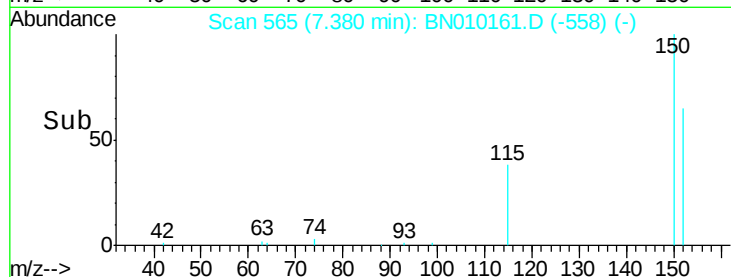
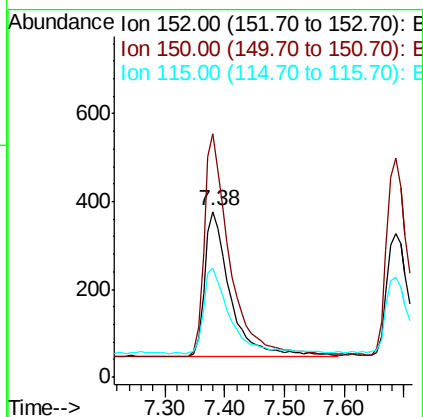
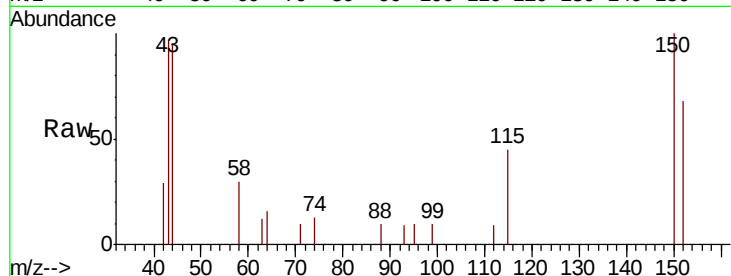


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010161.D
Acq: 10 Mar 2020 14:57

Instrument :
BNA_N
ClientSampleId :
PB127320BL

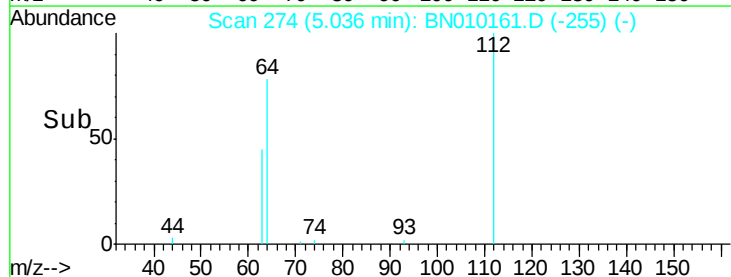
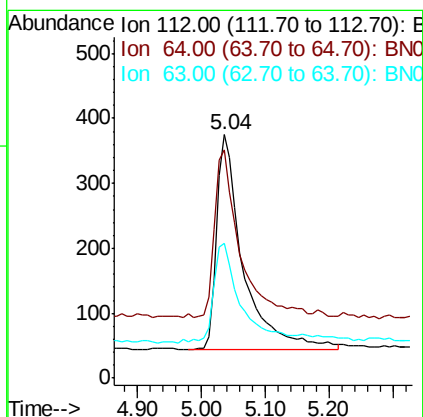
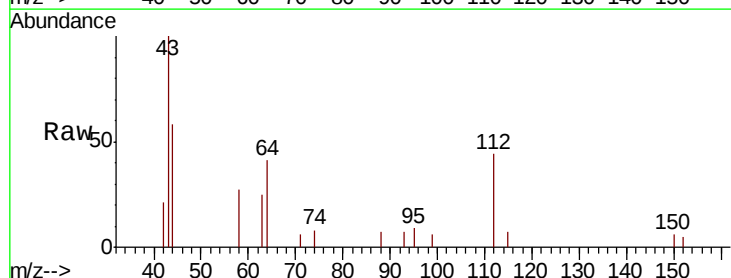
Tot Ion:152 Resp: 980
Ion Ratio Lower Upper
152 100
150 146.6 120.6 181.0
115 65.9 51.2 76.8

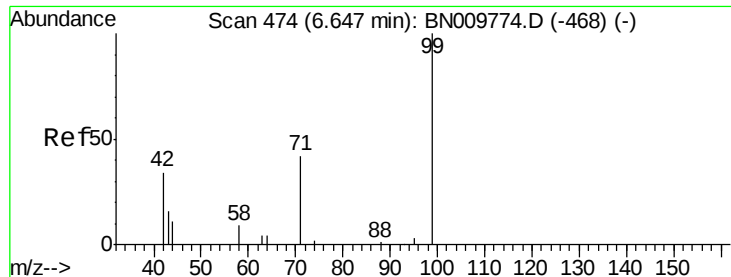


#4

2-Fluorophenol
Concen: 0.432 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.05 min
Lab File: BN010161.D
Acq: 10 Mar 2020 14:57

Tgt Ion:112 Resp: 942
Ion Ratio Lower Upper
112 100
64 76.1 65.8 98.6
63 47.2 38.7 58.1





#5

Phenol-d6

Concen: 0.370 ng

RT: 6.64 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

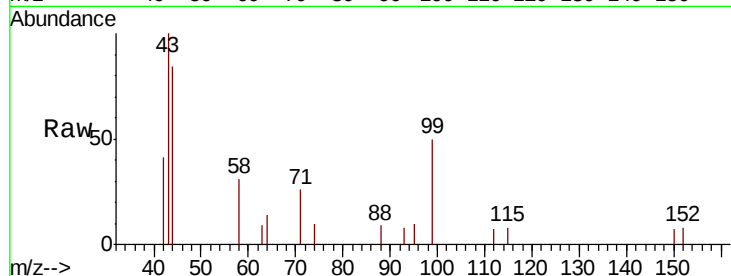
Tot Ion: 99 Resp: 982

Ion Ratio Lower Upper

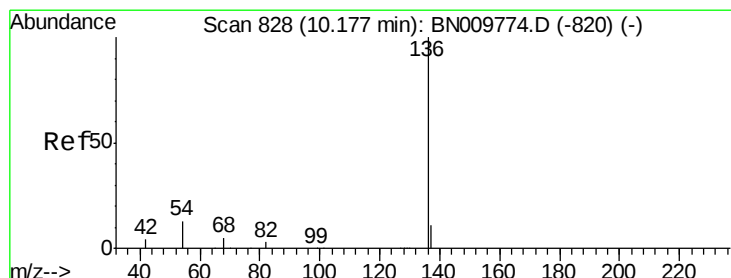
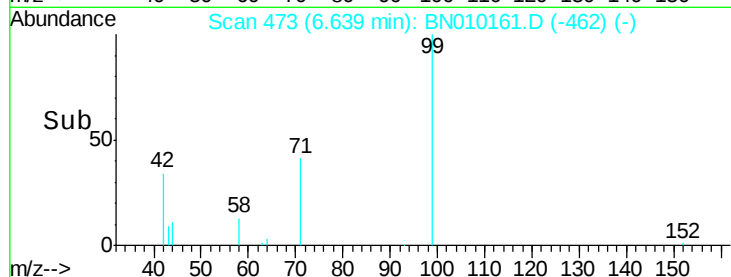
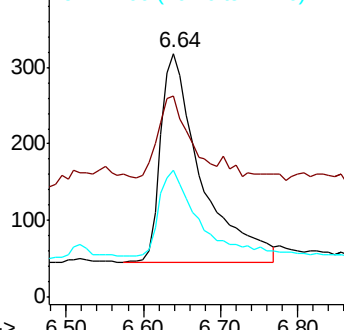
99 100

42 30.9 30.8 46.2

71 40.5 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: 10.11 min Scan# 823

Delta R.T. -0.06 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Tgt Ion: 136 Resp: 3307

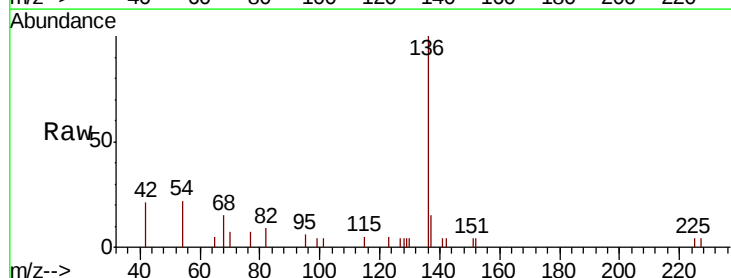
Ion Ratio Lower Upper

136 100

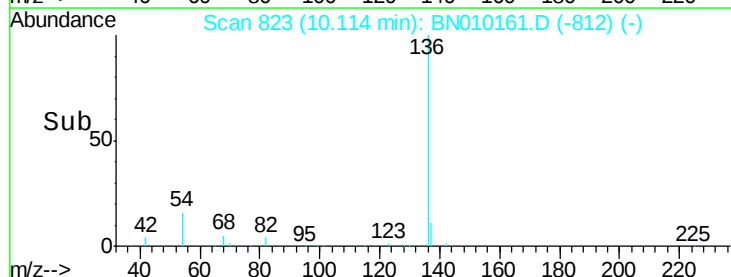
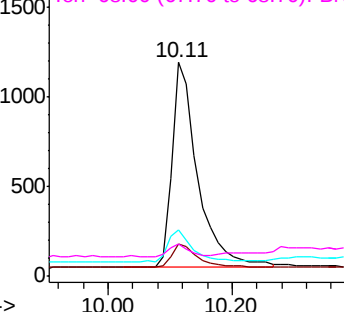
137 14.8 11.3 16.9

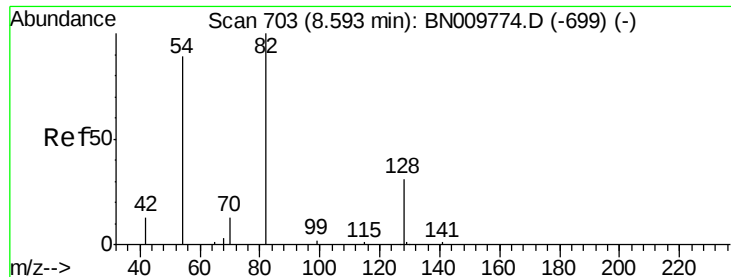
54 21.8 13.4 20.2#

68 14.7 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

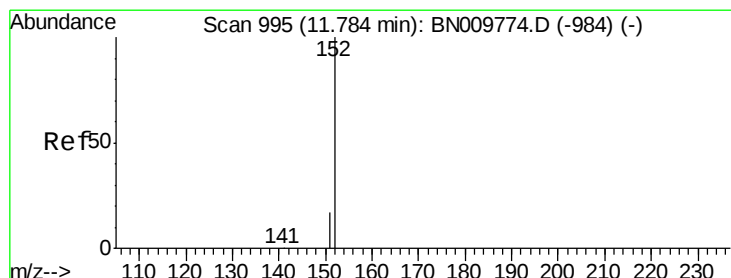
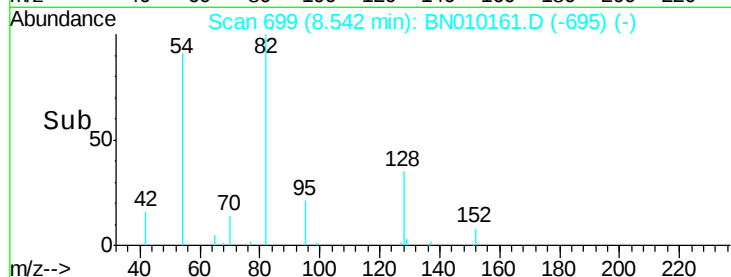
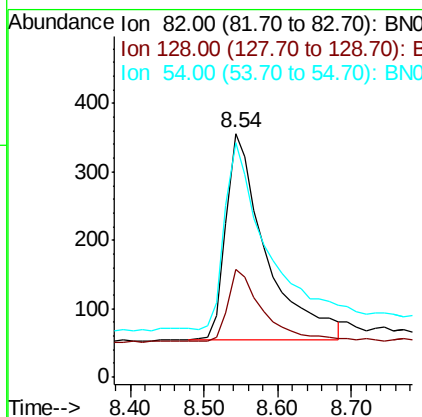
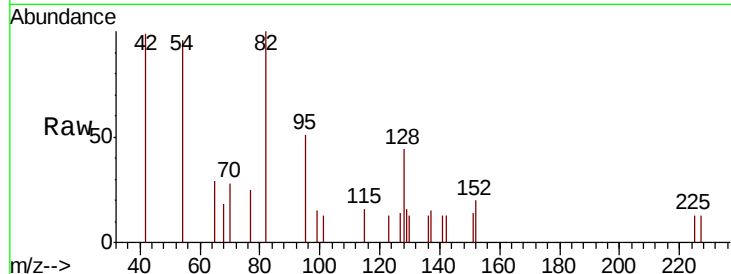




#8
 Nitrobenzene-d5
 Concen: 0.416 ng
 RT: 8.54 min Scan# 699
 Delta R.T. -0.05 min
 Lab File: BN010161.D
 Acq: 10 Mar 2020 14:57

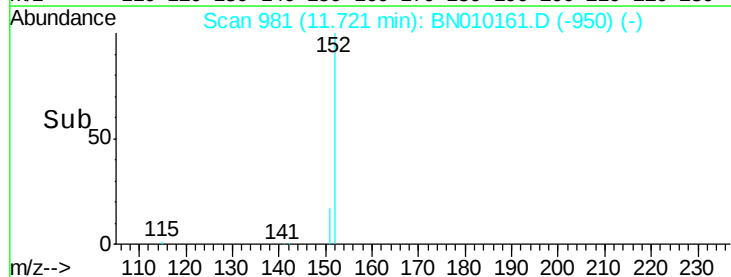
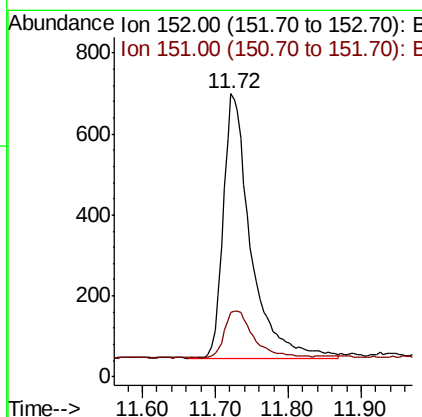
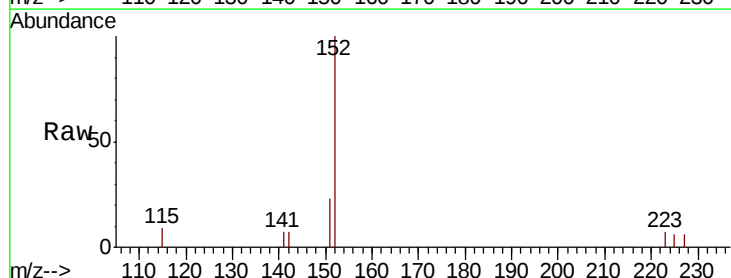
Instrument :
 BNA_N
 ClientSampleId :
 PB127320BL

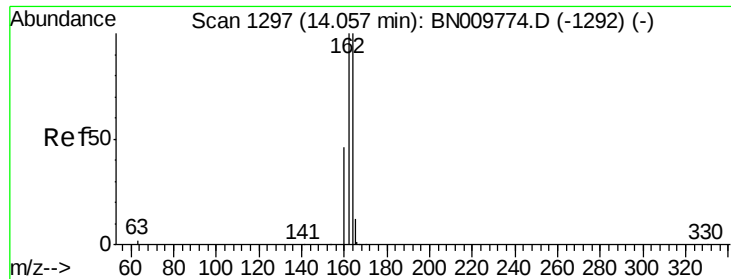
Tot Ion: 82 Resp: 1146
 Ion Ratio Lower Upper
 82 100
 128 44.1 32.5 48.7
 54 96.3 73.5 110.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.267 ng
 RT: 11.72 min Scan# 981
 Delta R.T. -0.06 min
 Lab File: BN010161.D
 Acq: 10 Mar 2020 14:57

Tgt Ion: 152 Resp: 1709
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.1 22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

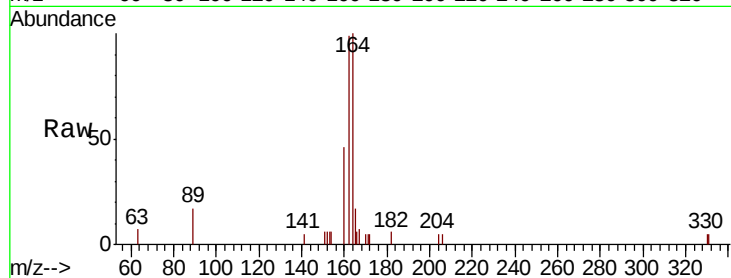
Tot Ion:164 Resp: 1887

Ion Ratio Lower Upper

164 100

162 99.2 79.9 119.9

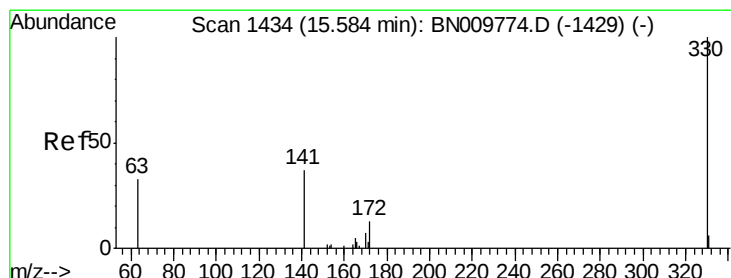
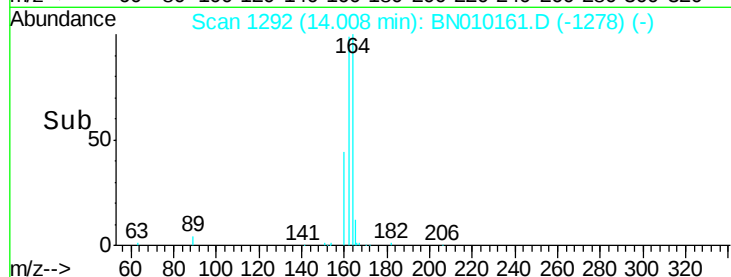
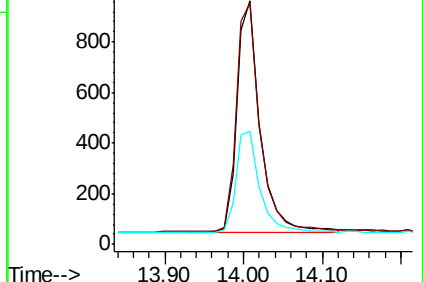
160 46.3 38.2 57.2



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: 0.458 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.04 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

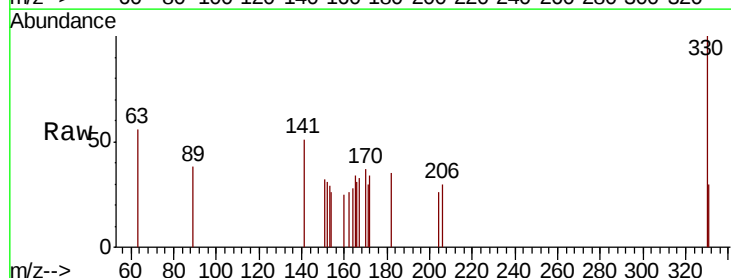
Tgt Ion:330 Resp: 333

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

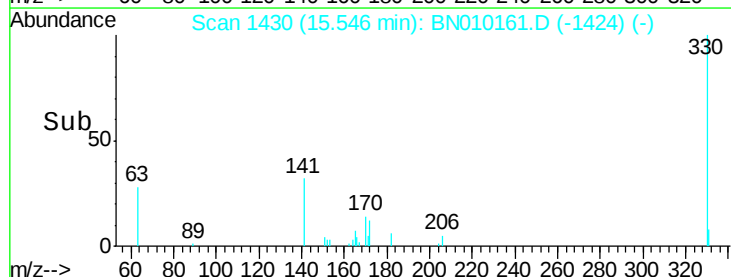
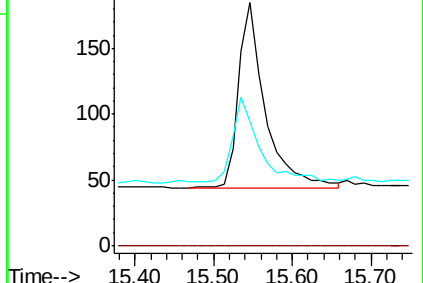
141 44.1 36.8 55.2

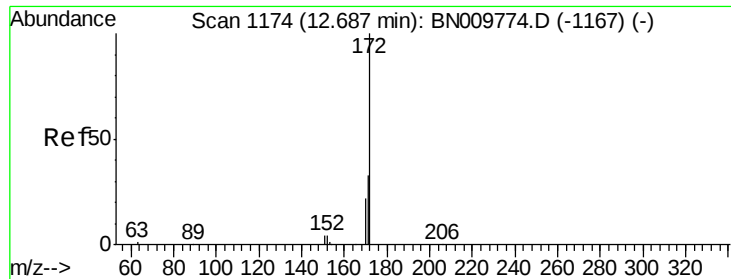


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

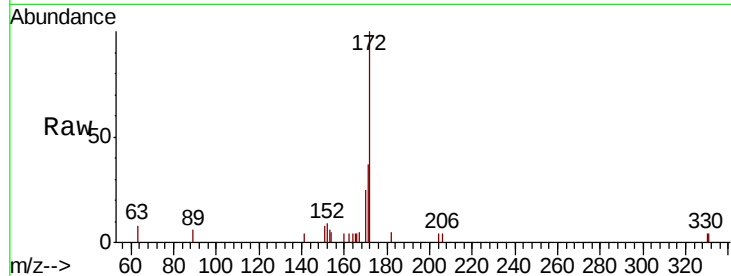




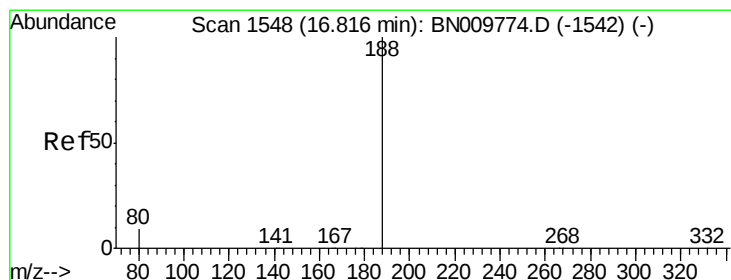
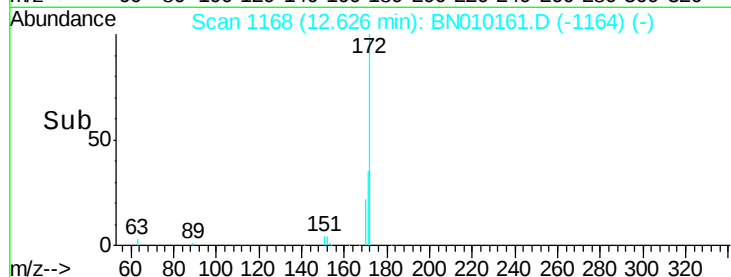
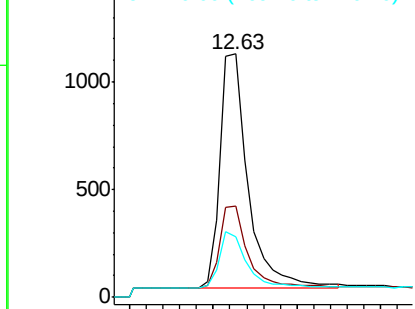
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.63 min Scan# 1168
Delta R.T. -0.06 min
Lab File: BN010161.D
Acq: 10 Mar 2020 14:57

Instrument :
BNA_N
ClientSampleId :
PB127320BL

Tot Ion:172 Resp: 2530
Ion Ratio Lower Upper
172 100
171 37.3 28.7 43.1
170 25.0 20.1 30.1

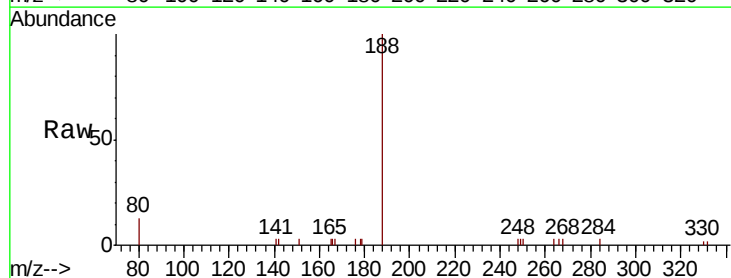


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

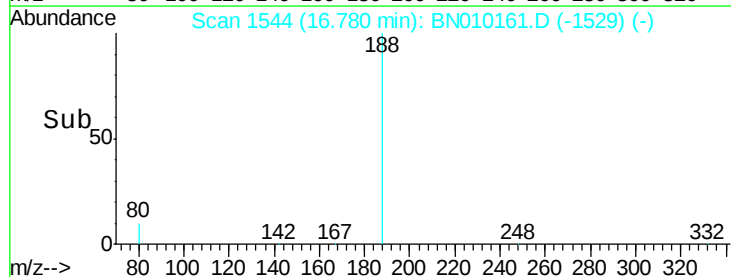
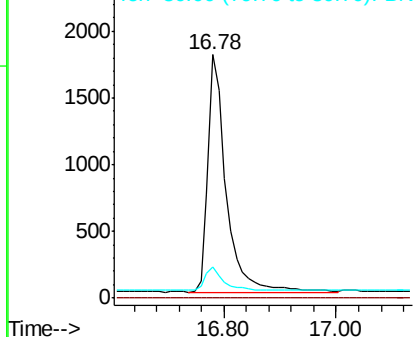


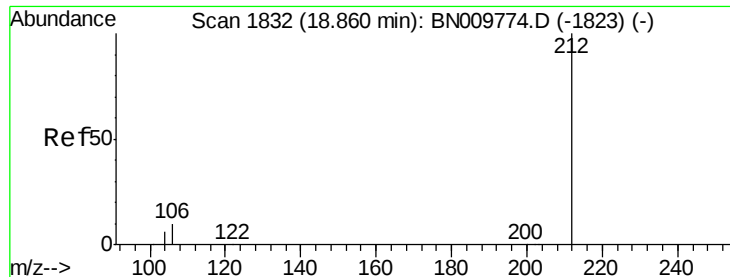
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1544
Delta R.T. -0.04 min
Lab File: BN010161.D
Acq: 10 Mar 2020 14:57

Tgt Ion:188 Resp: 4036
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: 0.233 ng

RT: 18.83 min Scan# 1824

Delta R.T. -0.03 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

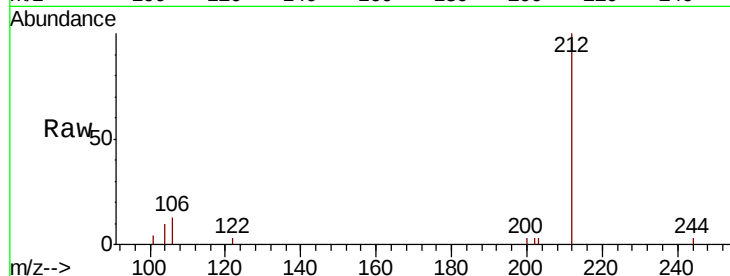
Tot Ion:212 Resp: 3252

Ion Ratio Lower Upper

212 100

106 10.1 8.4 12.6

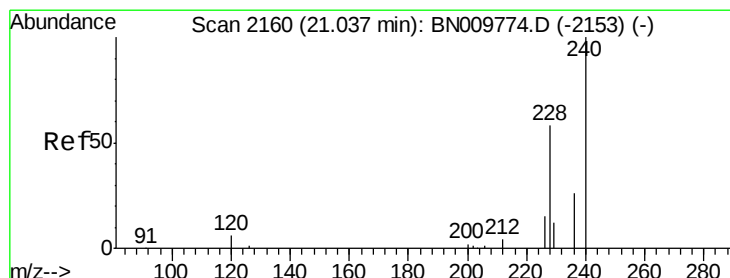
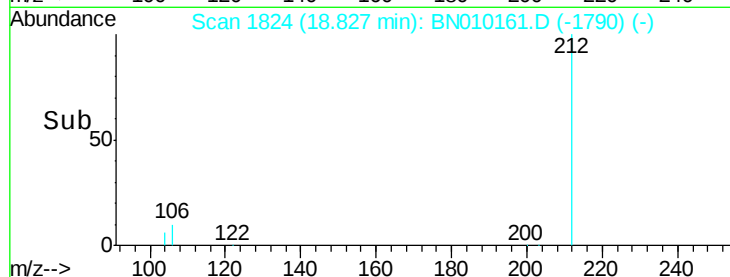
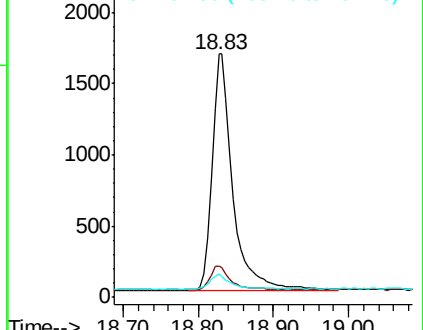
104 6.2 4.8 7.2



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: 21.00 min Scan# 2155

Delta R.T. -0.04 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

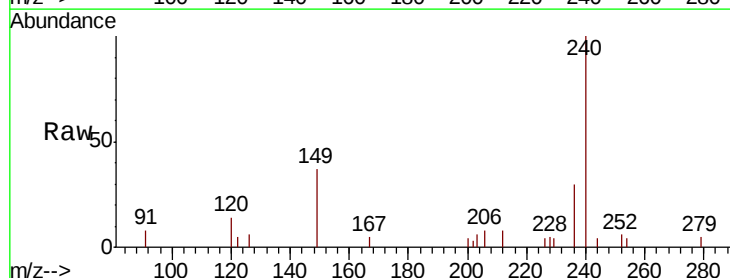
Tgt Ion:240 Resp: 3084

Ion Ratio Lower Upper

240 100

120 13.7 7.9 11.9#

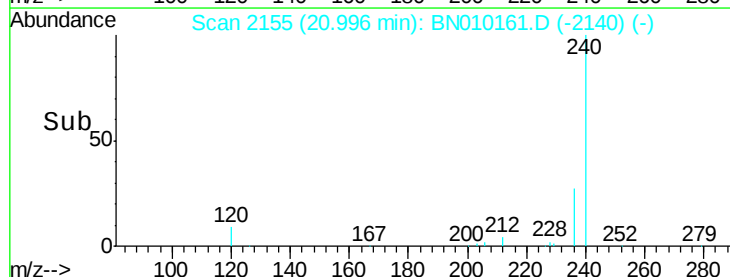
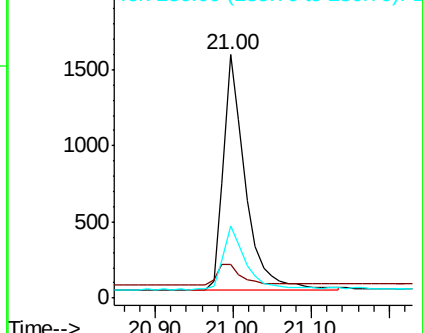
236 29.6 22.0 33.0

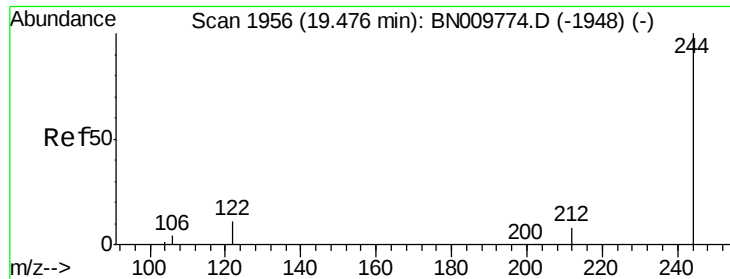


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.400 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.04 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

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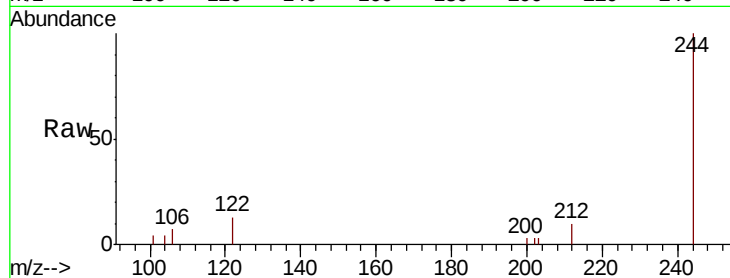
Tot Ion:244 Resp: 2948

Ion Ratio Lower Upper

244 100

212 10.4 8.0 12.0

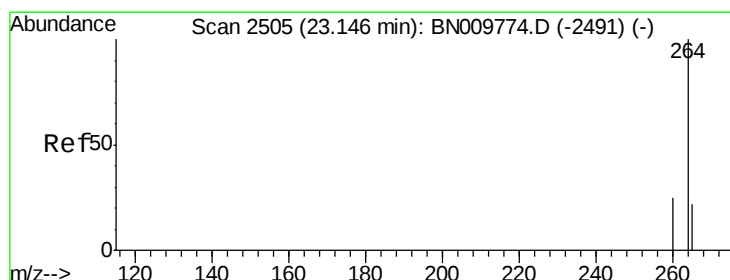
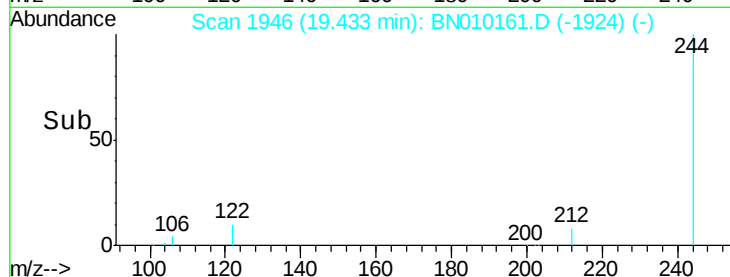
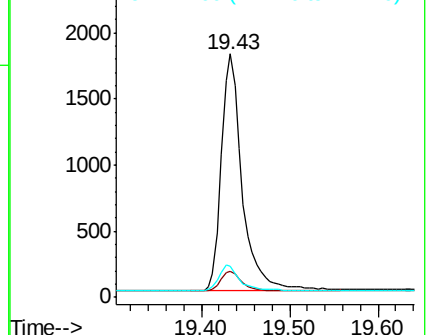
122 12.7 10.0 15.0



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: 23.11 min Scan# 2494

Delta R.T. -0.03 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

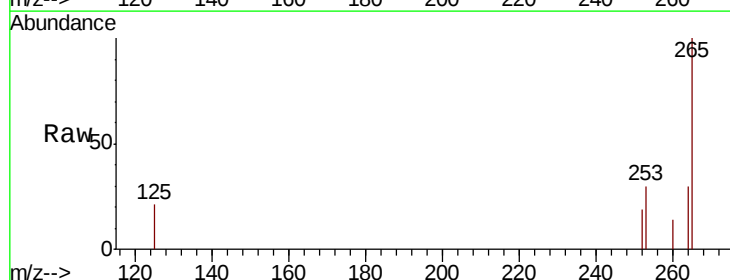
Tgt Ion:264 Resp: 490

Ion Ratio Lower Upper

264 100

260 45.2 21.1 31.7#

265 330.0 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

