

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
 Data File : BN009440.D
 Acq On : 24 Jan 2020 13:39
 Operator : CG/JU
 Sample : PB126299BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB126299BL

Quant Time: Jan 24 14:38:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1893	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	6809	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	4864	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	9519	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6320	0.40	ng	0.00
34) Perylene-d12	23.18	264	6476	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.12	112	1784	0.41	ng	0.00
5) Phenol-d6	6.69	99	2047	0.41	ng	0.00
8) Nitrobenzene-d5	8.64	82	1652	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	11.84	152	3558	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	498	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	5362	0.29	ng	0.00
25) Fluoranthene-d10	18.89	212	7606	0.23	ng	0.00
29) Terphenyl-d14	19.51	244	5401	0.36	ng	0.00

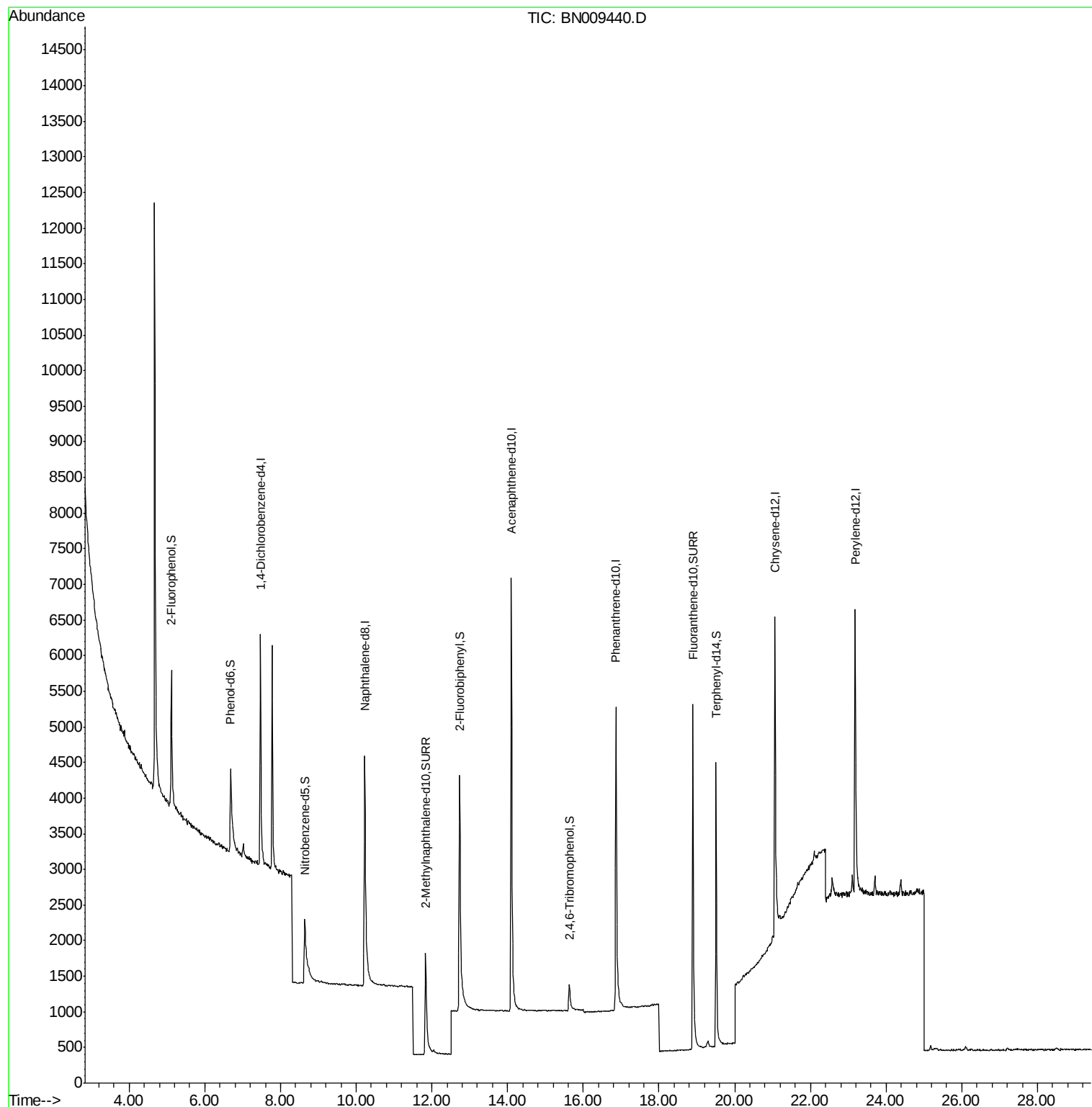
Target Compounds	Qvalue
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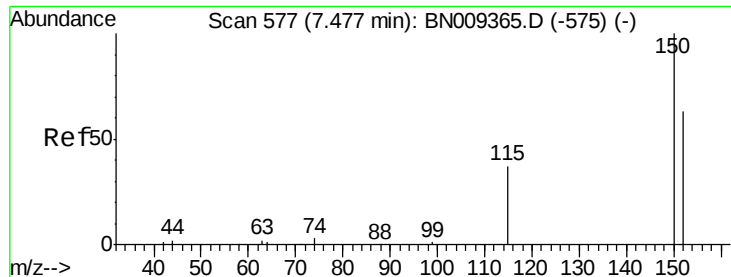
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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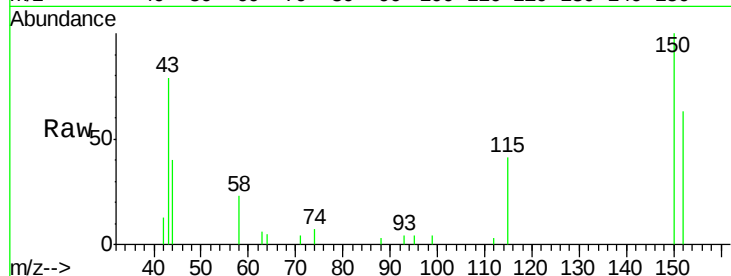


#1

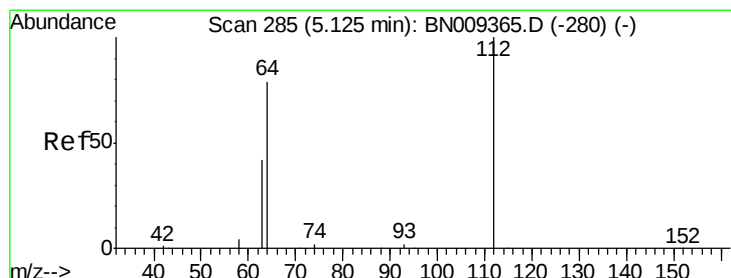
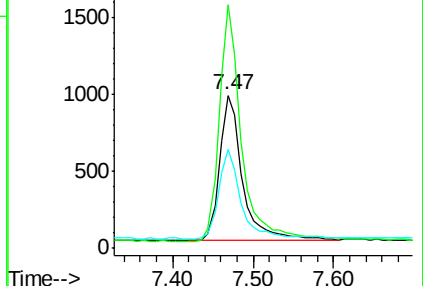
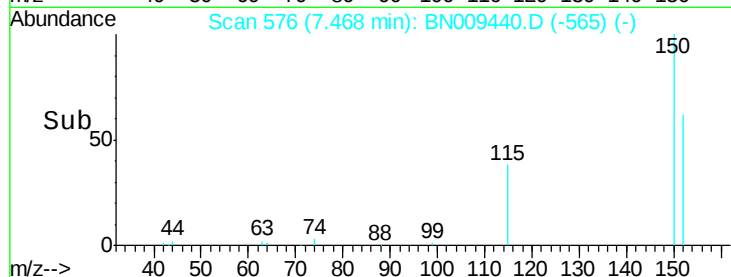
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BN009440.D
Acq: 24 Jan 2020 13:39

Instrument :
BNA_N
ClientSampleId :
PB126299BL

Tot Ion:152 Resp: 1893
Ion Ratio Lower Upper
152 100
150 158.9 125.7 188.5
115 64.7 53.3 79.9



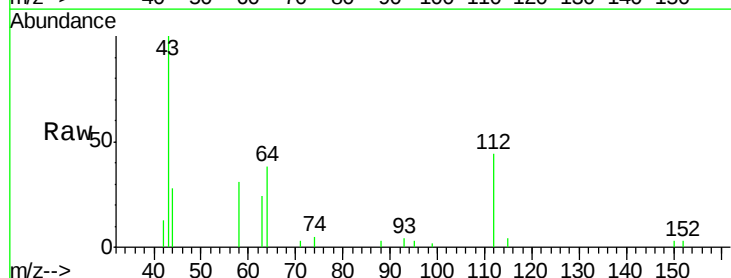
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



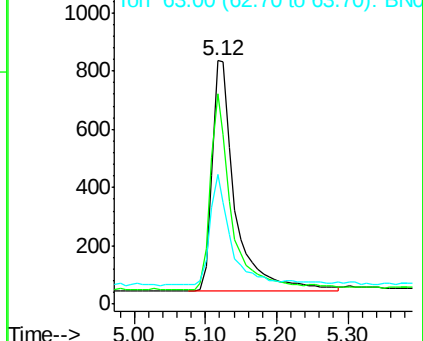
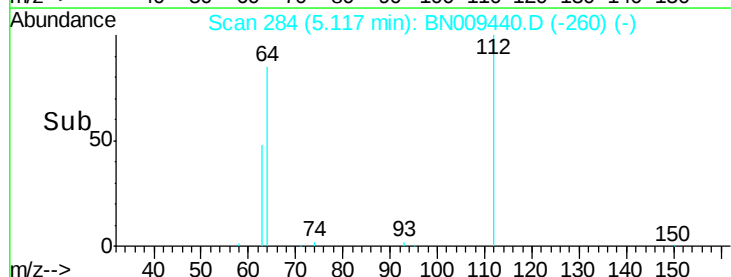
#4

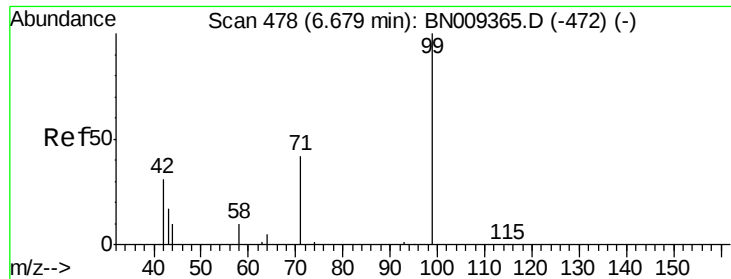
2-Fluorophenol
Concen: 0.409 ng
RT: 5.12 min Scan# 284
Delta R.T. -0.01 min
Lab File: BN009440.D
Acq: 24 Jan 2020 13:39

Tgt Ion:112 Resp: 1784
Ion Ratio Lower Upper
112 100
64 78.9 61.5 92.3
63 42.4 35.0 52.4



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: 0.406 ng

RT: 6.69 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN009440.D

Acq: 24 Jan 2020 13:39

Instrument :

BNA_N

ClientSampleId :

PB126299BL

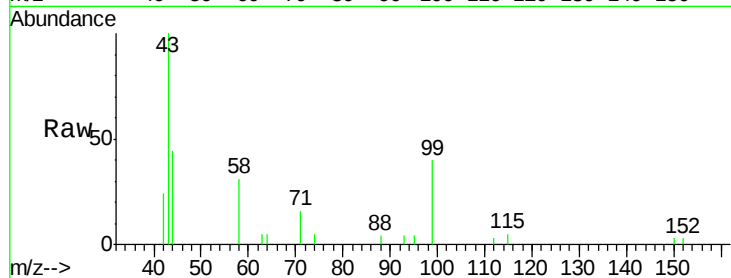
Tot Ion: 99 Resp: 2047

Ion Ratio Lower Upper

99 100

42 28.1 27.6 41.4

71 39.8 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009440.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009440.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009440.D (-472) (-)

6.69

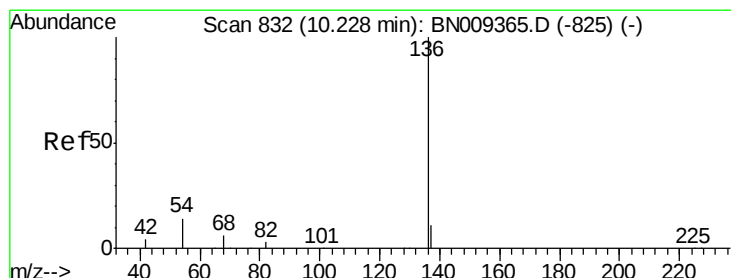
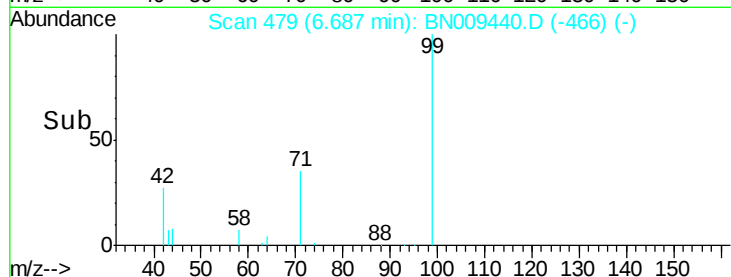
400

200

0

6.60 6.70 6.80 6.90

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009440.D

Acq: 24 Jan 2020 13:39

Tgt Ion: 136 Resp: 6809

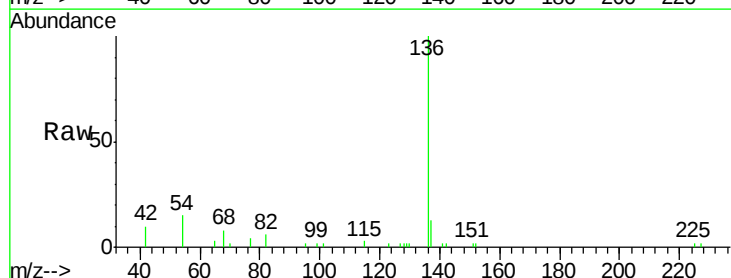
Ion Ratio Lower Upper

136 100

137 12.8 10.3 15.5

54 15.4 12.6 19.0

68 8.1 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN009440.D (-816) (-)

Ion 137.00 (136.70 to 137.70): BN009440.D (-816) (-)

Ion 54.00 (53.70 to 54.70): BN009440.D (-816) (-)

Ion 68.00 (67.70 to 68.70): BN009440.D (-816) (-)

10.23

3000

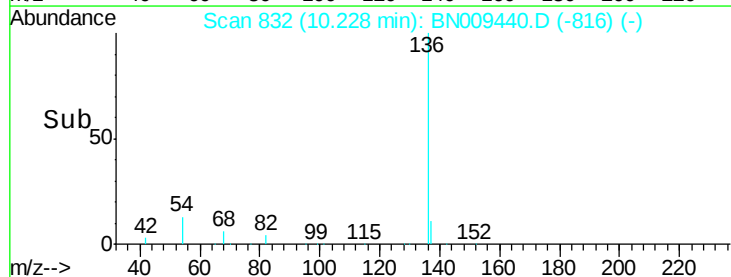
2000

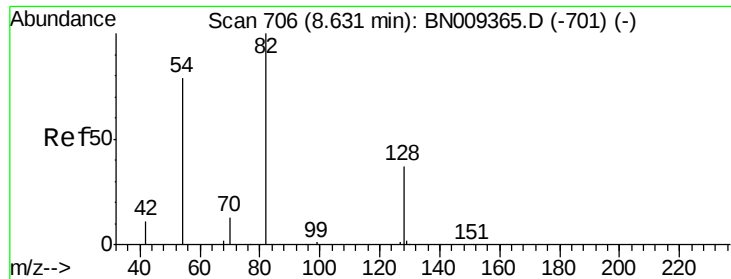
1000

0

10.10 10.20 10.30 10.40

Time-->

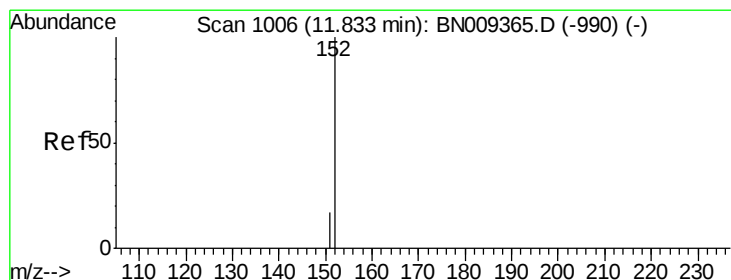
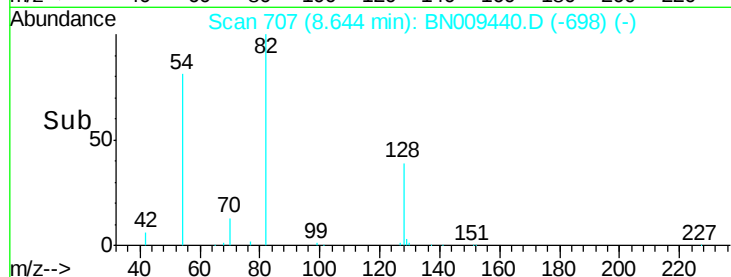
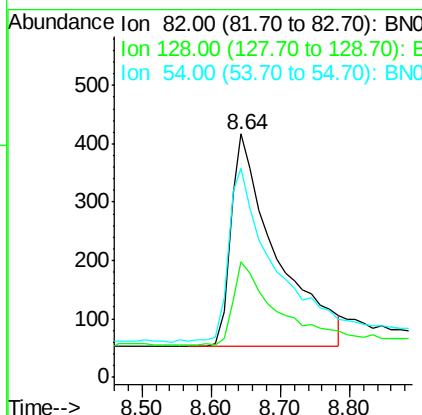
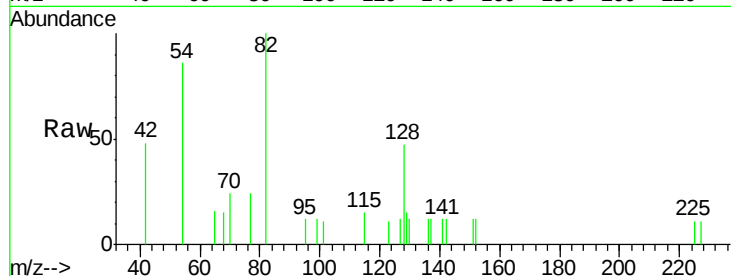




#8
 Nitrobenzene-d5
 Concen: 0.304 ng
 RT: 8.64 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: BN009440.D
 Acq: 24 Jan 2020 13:39

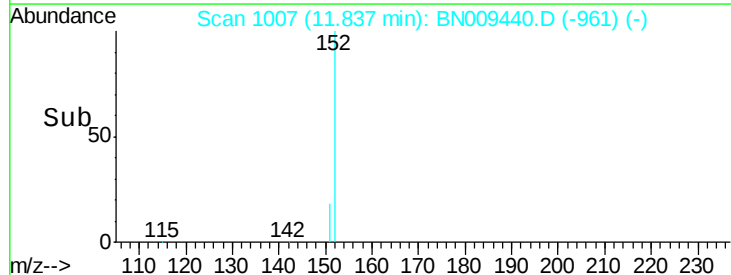
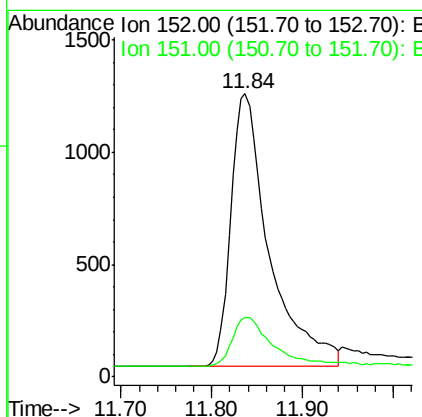
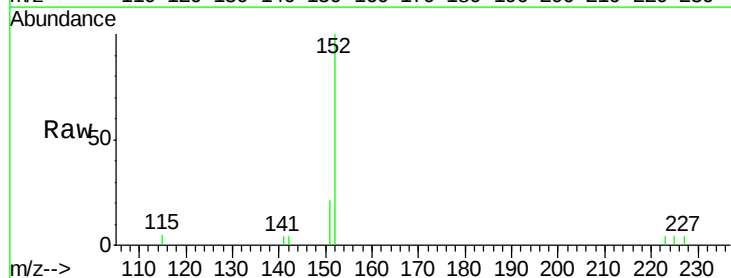
Instrument :
 BNA_N
 ClientSampleId :
 PB126299BL

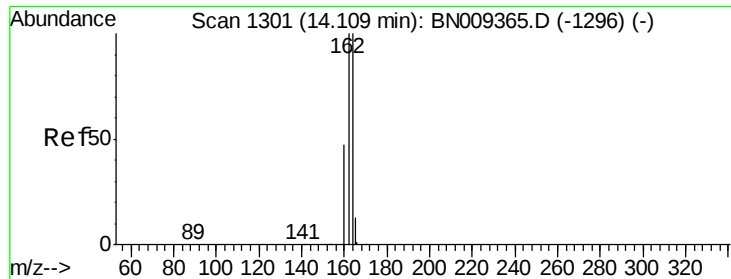
Tot Ion	82.00	Resp	1652
Ion Ratio	Lower	Upper	
82	100		
128	47.2	34.8	52.2
54	85.6	65.8	98.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.271 ng
 RT: 11.84 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BN009440.D
 Acq: 24 Jan 2020 13:39

Tgt Ion	152.00	Resp	3558
Ion Ratio	Lower	Upper	
152	100		
151	19.7	14.8	22.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN009440.D

Acq: 24 Jan 2020 13:39

Instrument :

BNA_N

ClientSampleId :

PB126299BL

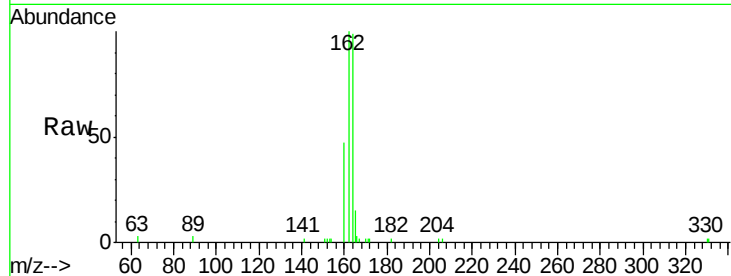
Tot Ion:164 Resp: 4864

Ion Ratio Lower Upper

164 100

162 100.8 79.8 119.6

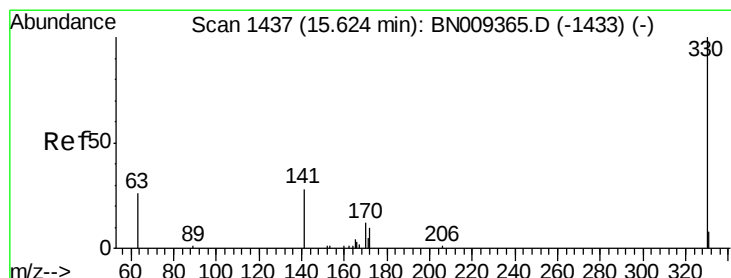
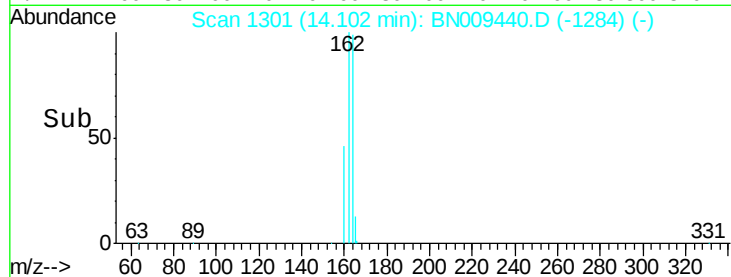
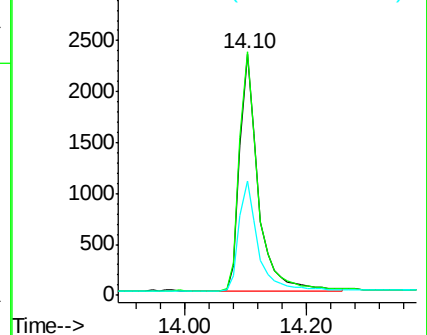
160 47.4 38.4 57.6



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: 0.271 ng

RT: 15.63 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BN009440.D

Acq: 24 Jan 2020 13:39

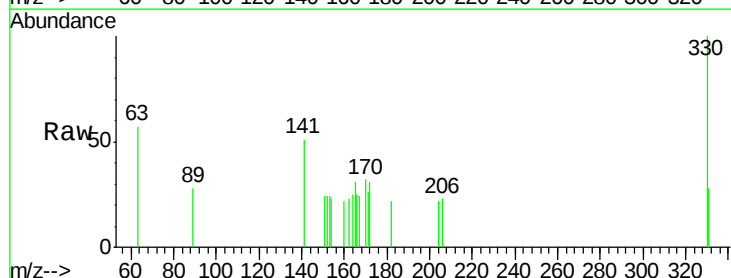
Tgt Ion:330 Resp: 498

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

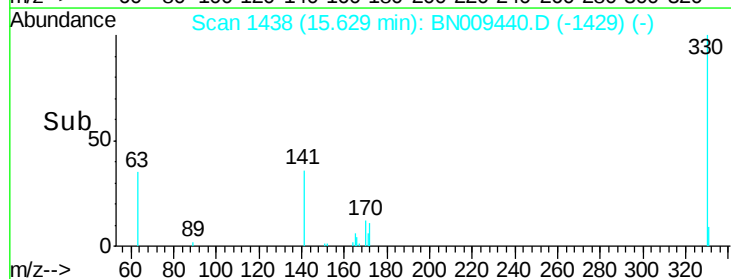
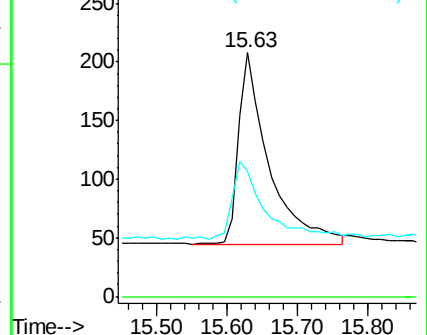
141 42.8 33.1 49.7

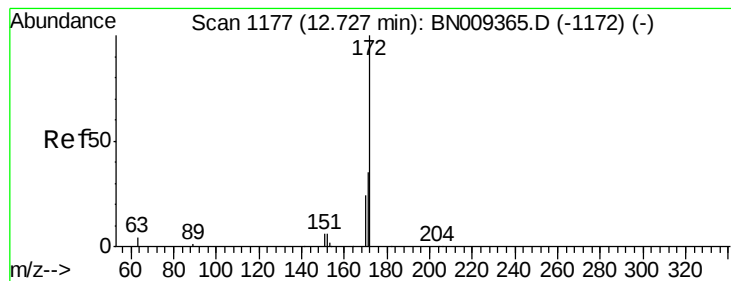


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.295 ng

RT: 12.73 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BN009440.D

Acq: 24 Jan 2020 13:39

Instrument :

BNA_N

ClientSampleId :

PB126299BL

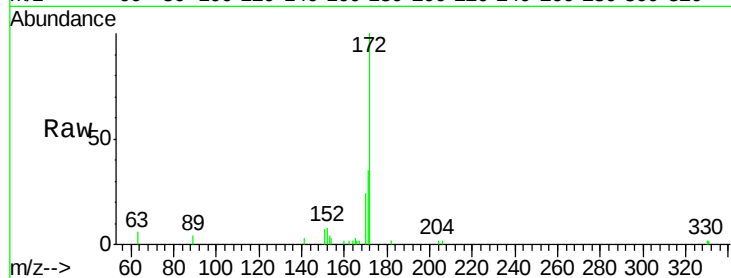
Tot Ion:172 Resp: 5362

Ion Ratio Lower Upper

172 100

171 34.8 29.5 44.3

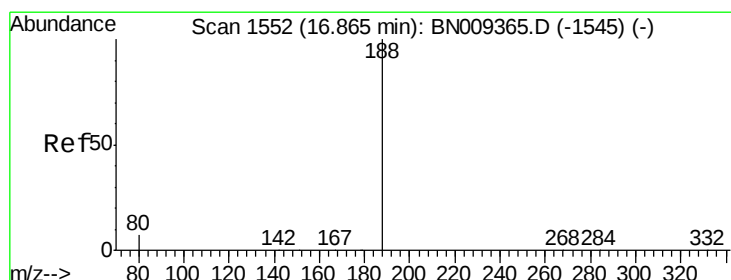
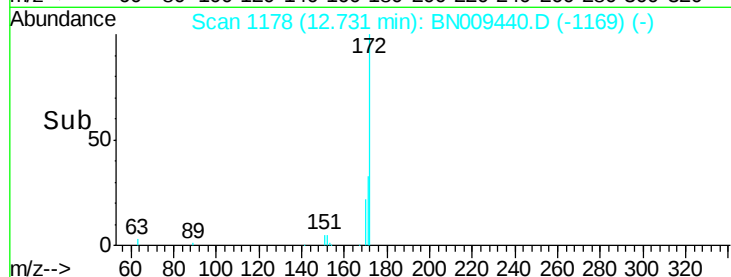
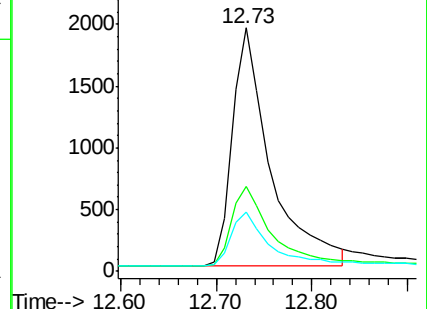
170 24.2 20.7 31.1



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: 16.86 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BN009440.D

Acq: 24 Jan 2020 13:39

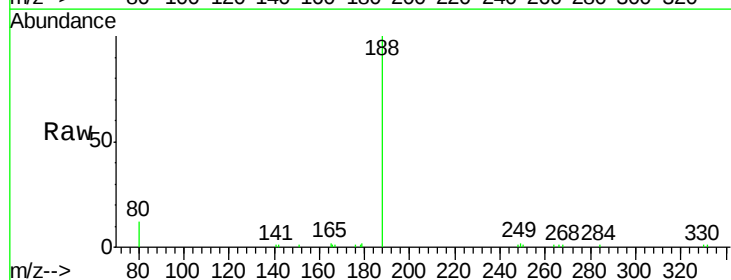
Tgt Ion:188 Resp: 9519

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

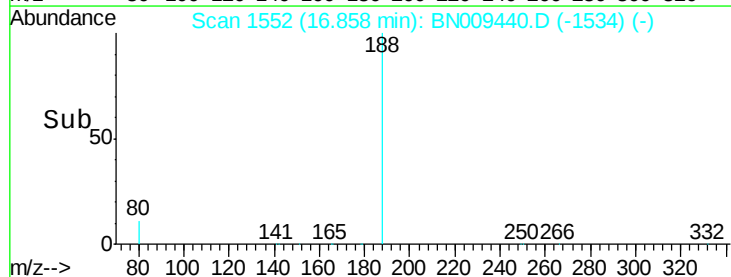
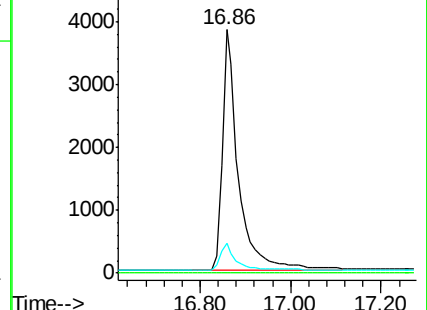
80 12.1 6.6 10.0#

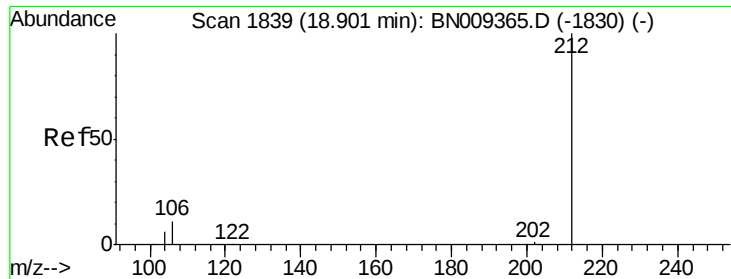


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.89 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BN009440.D

Acq: 24 Jan 2020 13:39

Instrument :

BNA_N

ClientSampleId :

PB126299BL

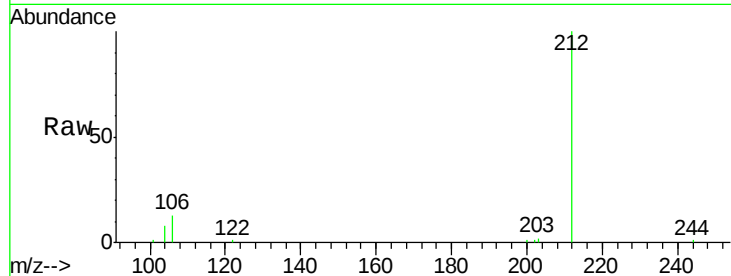
Tot Ion:212 Resp: 7606

Ion Ratio Lower Upper

212 100

106 12.0 9.2 13.8

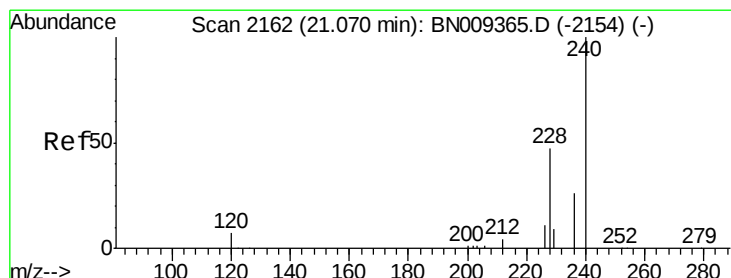
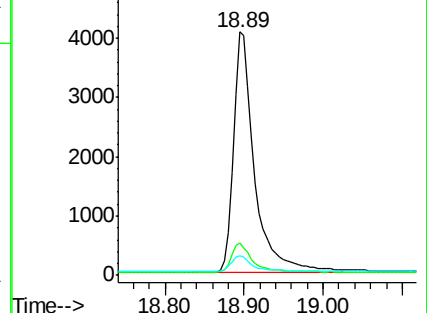
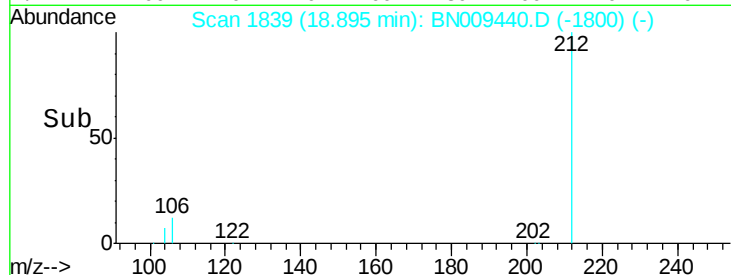
104 6.6 5.4 8.0



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: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009440.D

Acq: 24 Jan 2020 13:39

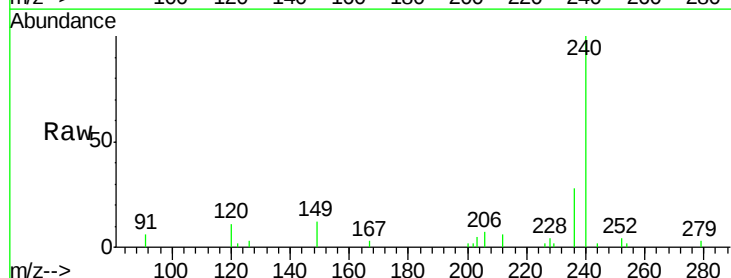
Tgt Ion:240 Resp: 6320

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

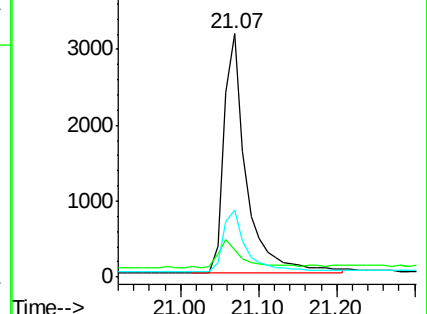
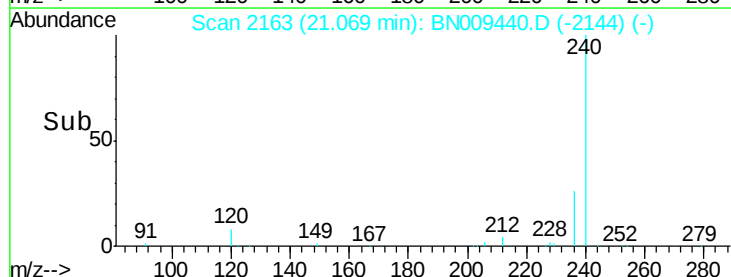
236 27.6 22.2 33.4

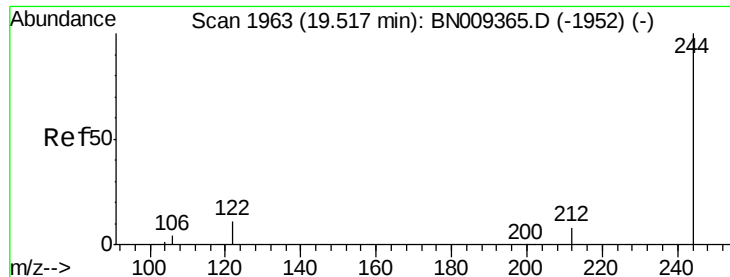


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.361 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN009440.D

Acq: 24 Jan 2020 13:39

Instrument :

BNA_N

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PB126299BL

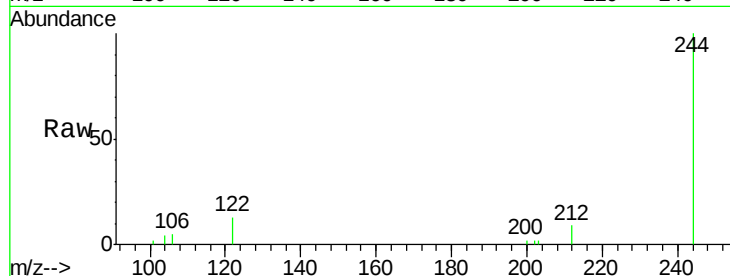
Tot Ion:244 Resp: 5401

Ion Ratio Lower Upper

244 100

212 9.2 7.5 11.3

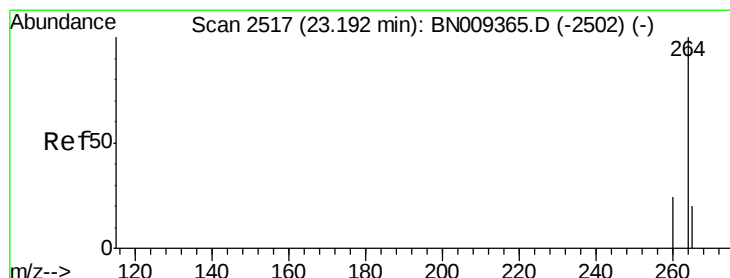
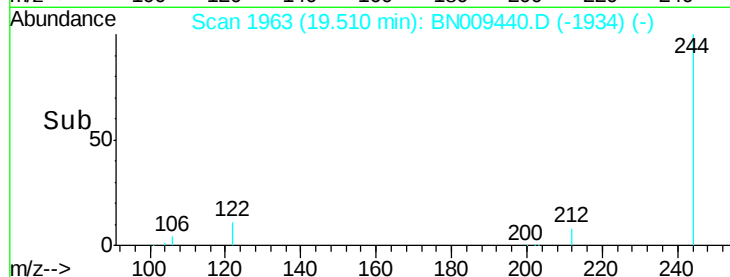
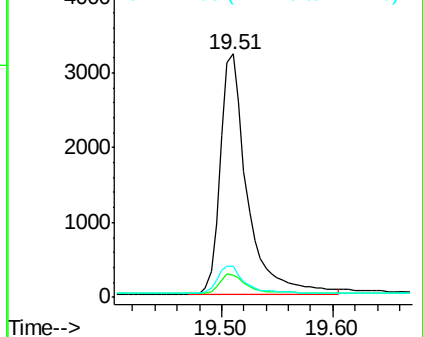
122 12.5 9.8 14.6



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: 23.18 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN009440.D

Acq: 24 Jan 2020 13:39

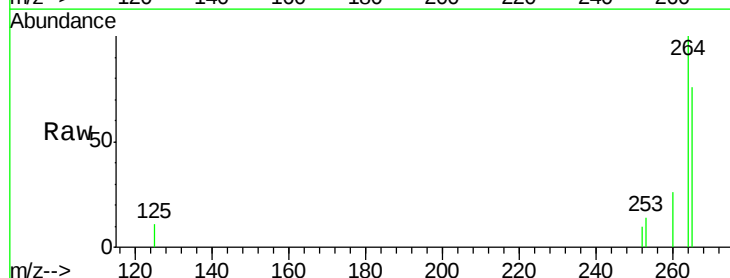
Tgt Ion:264 Resp: 6476

Ion Ratio Lower Upper

264 100

260 25.6 20.1 30.1

265 76.4 68.2 102.4



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

