

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
 Data File : BN008902.D
 Acq On : 10 Dec 2019 12:38
 Operator : JU
 Sample : PB124746BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB124746BL

Quant Time: Dec 10 15:19:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2681	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	9969	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	6864	0.40	ng	0.01
19) Phenanthrene-d10	16.93	188	17738	0.40	ng	0.00
27) Chrysene-d12	21.13	240	17957	0.40	ng	0.00
34) Perylene-d12	23.29	264	17809	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2463	0.36	ng	0.00
5) Phenol-d6	6.75	99	3568	0.38	ng	0.00
8) Nitrobenzene-d5	8.71	82	2570	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	11.92	152	5585	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	487	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	8172	0.31	ng	0.00
25) Fluoranthene-d10	18.97	212	18832	0.35	ng	0.00
29) Terphenyl-d14	19.58	244	14148	0.35	ng	0.00

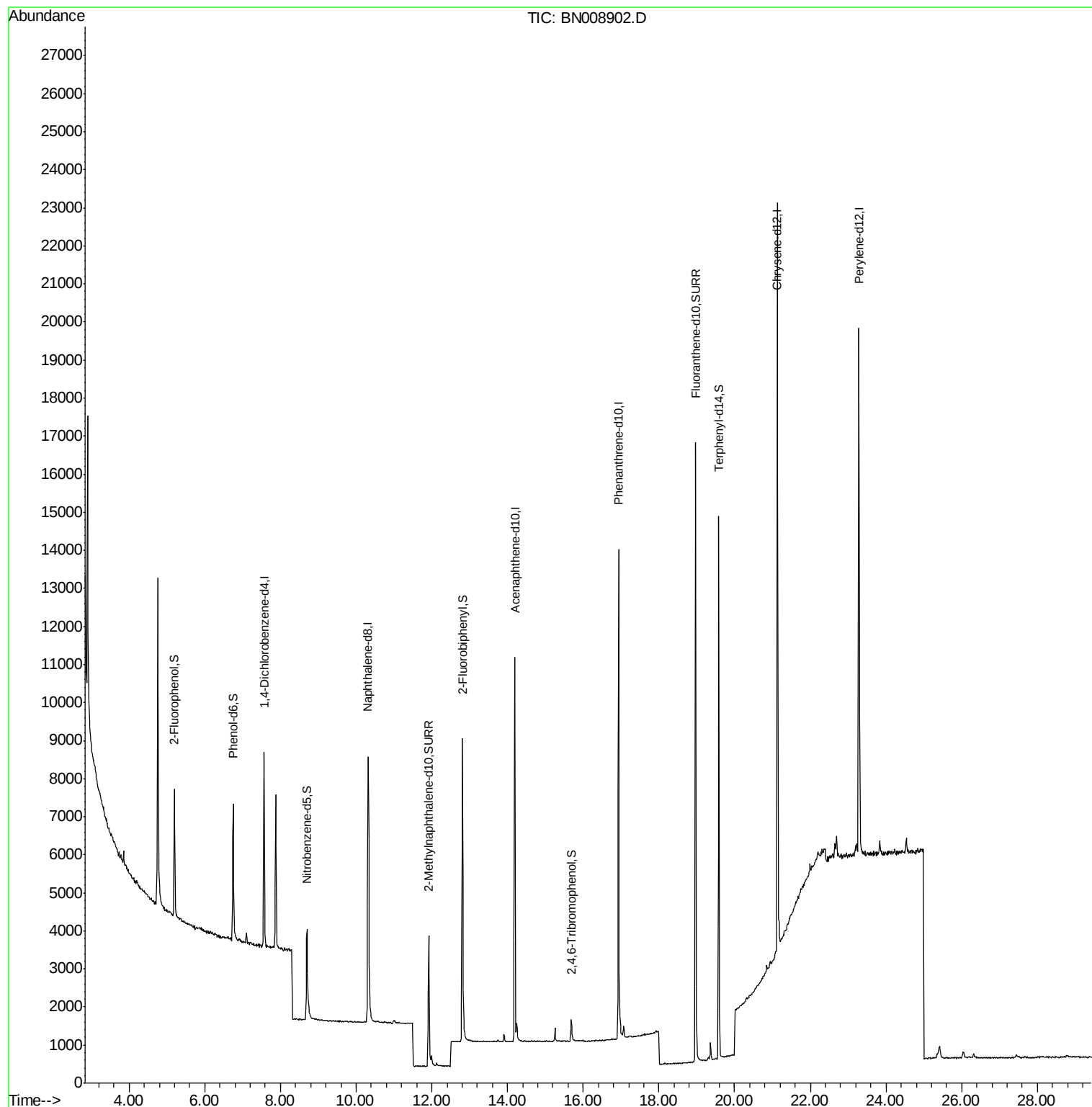
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 588

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :

PB124746BL

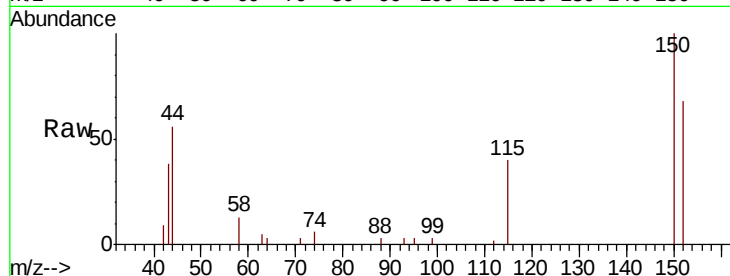
Tot Ion:152 Resp: 2681

Ion Ratio Lower Upper

152 100

150 147.4 122.3 183.5

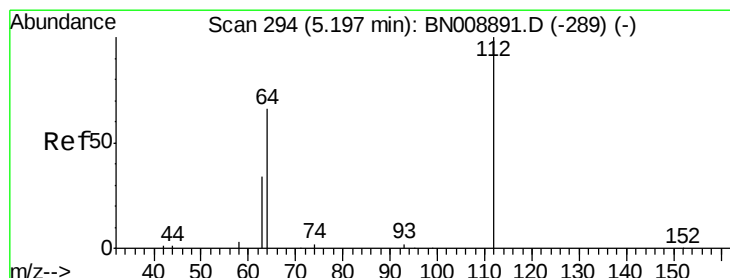
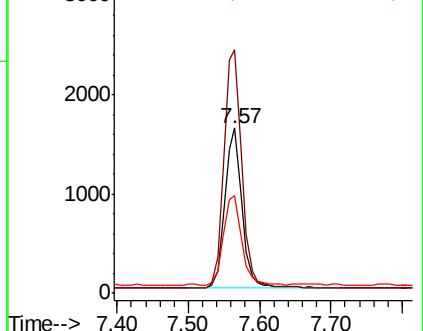
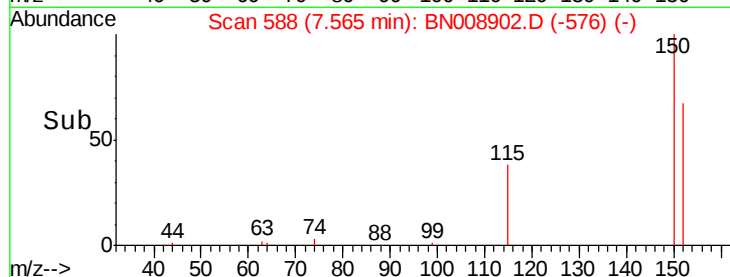
115 59.3 48.4 72.6



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: 0.361 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

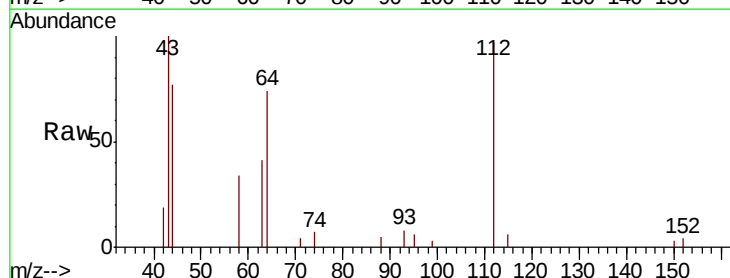
Tgt Ion:112 Resp: 2463

Ion Ratio Lower Upper

112 100

64 70.9 57.7 86.5

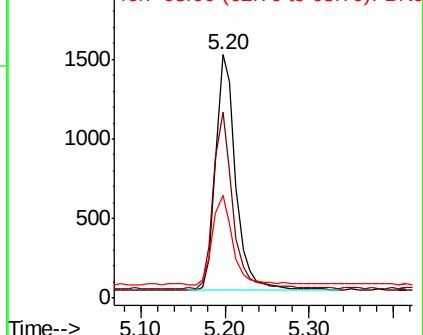
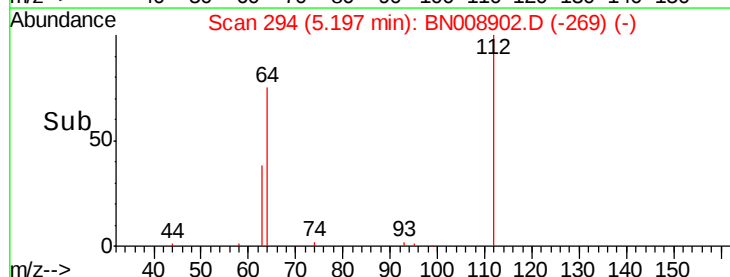
63 37.8 29.6 44.4

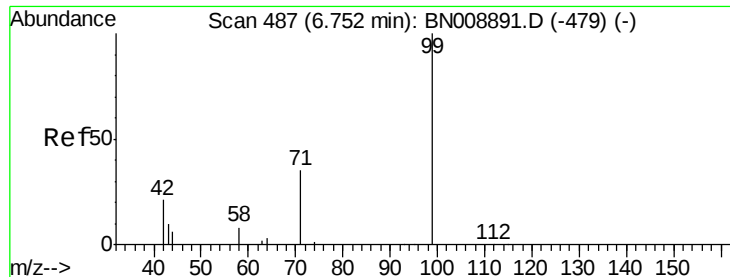


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.379 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :

PB124746BL

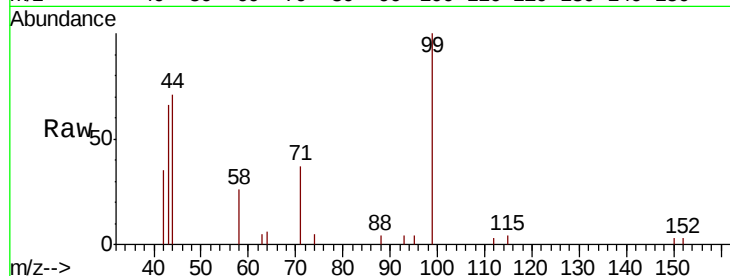
Tot Ion: 99 Resp: 3568

Ion Ratio Lower Upper

99 100

42 23.2 20.1 30.1

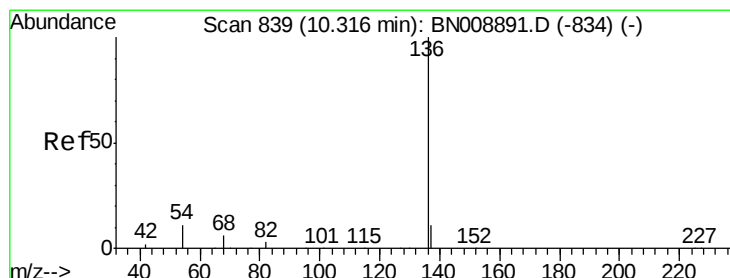
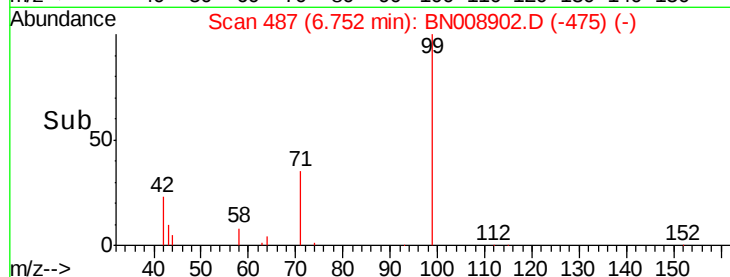
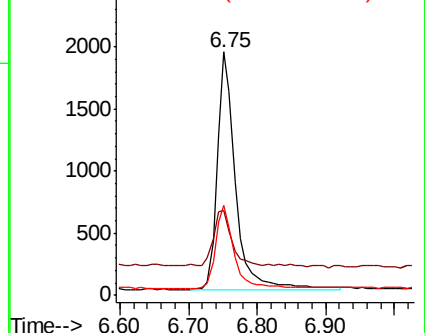
71 35.3 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BN008891.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008891.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008891.D (-479) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Tgt Ion: 136 Resp: 9969

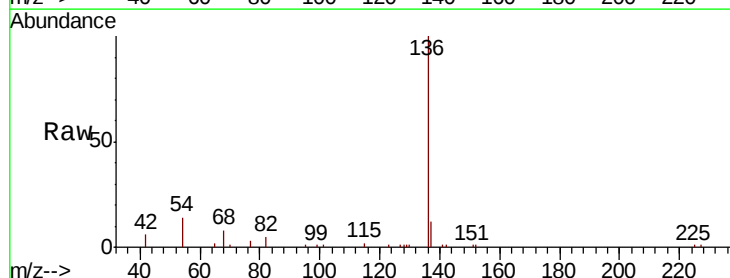
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 13.6 9.6 14.4

68 7.7 5.6 8.4

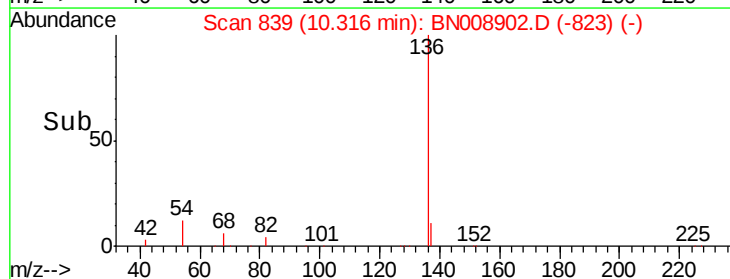
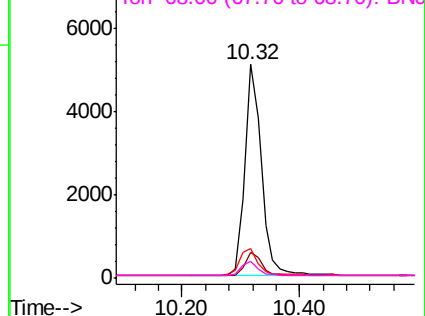


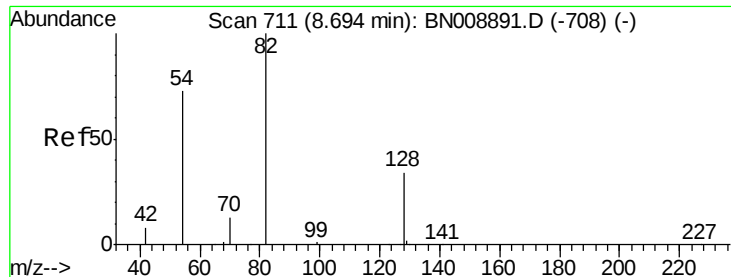
Abundance Ion 136.00 (135.70 to 136.70): BN008891.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN008891.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN008891.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN008891.D (-834) (-)





#8

Nitrobenzene-d5

Concen: 0.304 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.01 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :

PB124746BL

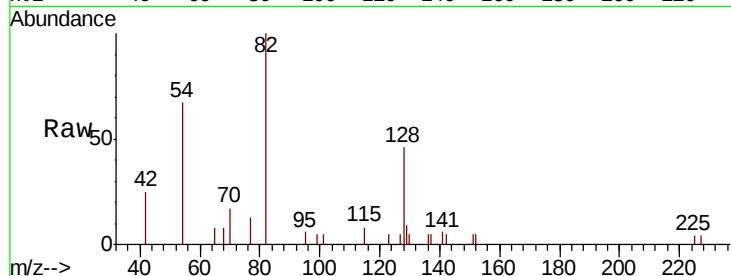
Tot Ion: 82 Resp: 2570

Ion Ratio Lower Upper

82 100

128 46.1 29.1 43.7#

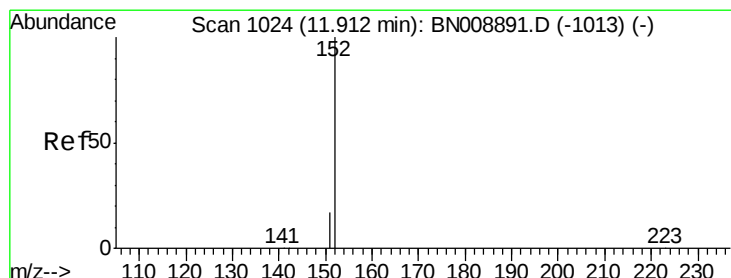
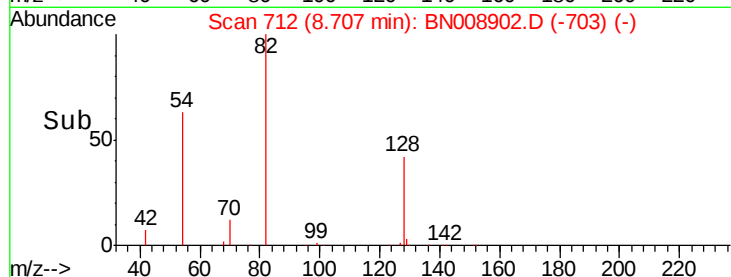
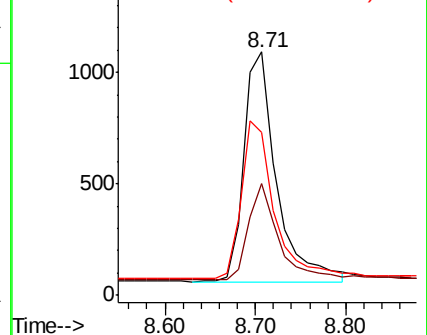
54 66.8 59.7 89.5



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 11.92 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BN008902.D

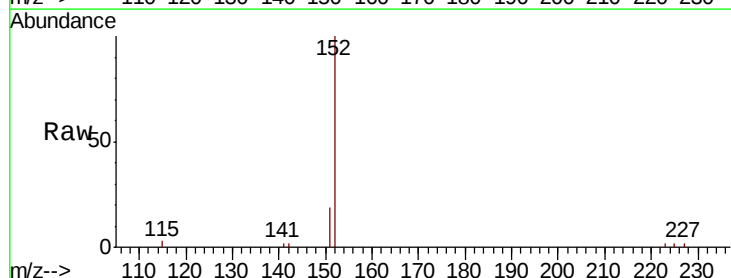
Acq: 10 Dec 2019 12:38

Tgt Ion: 152 Resp: 5585

Ion Ratio Lower Upper

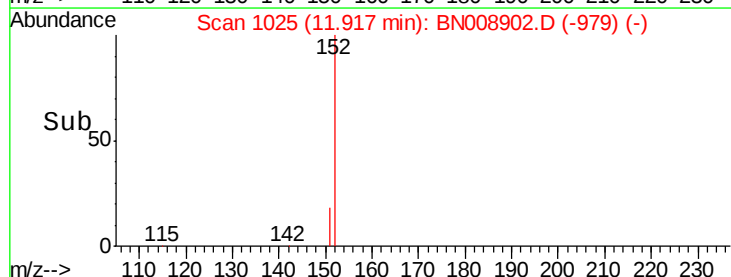
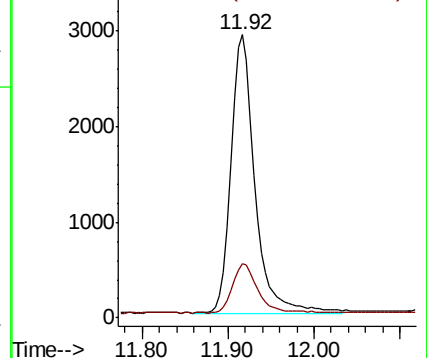
152 100

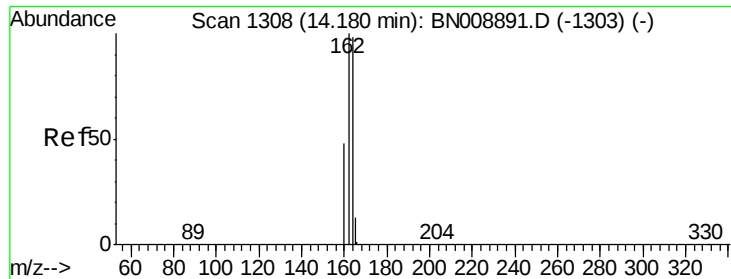
151 19.1 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC

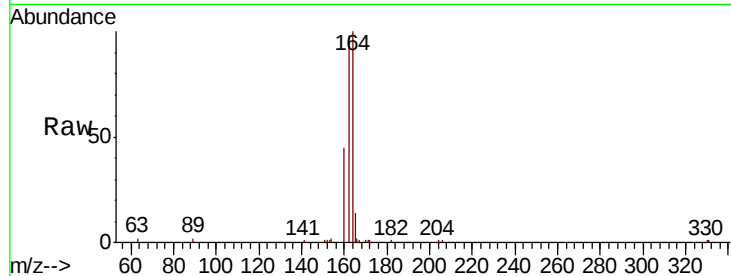




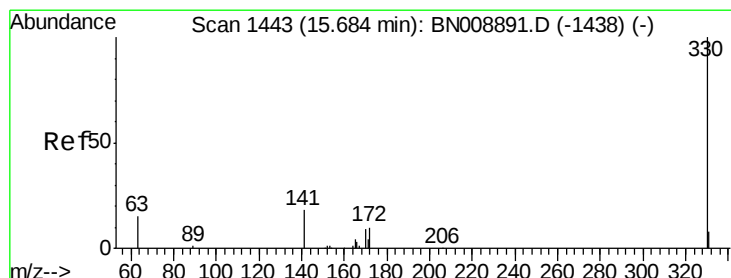
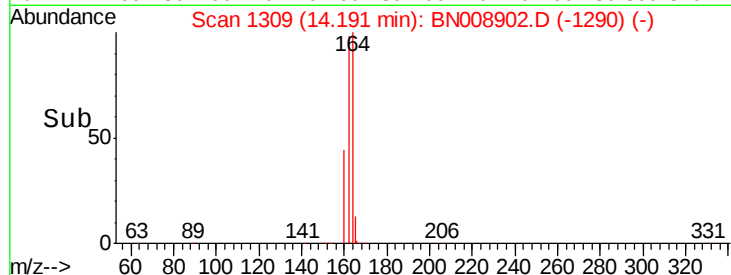
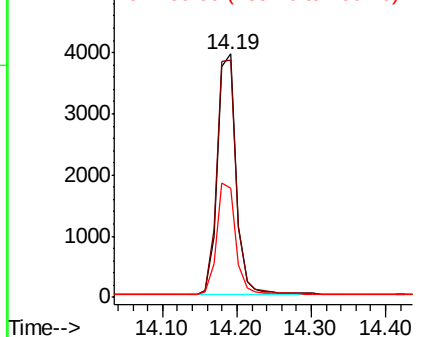
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampled :
PB124746BL

Tot Ion:164 Resp: 6864
Ion Ratio Lower Upper
164 100
162 97.7 81.9 122.9
160 45.1 39.3 58.9

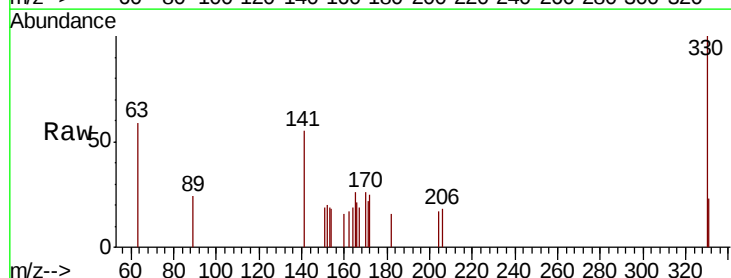


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

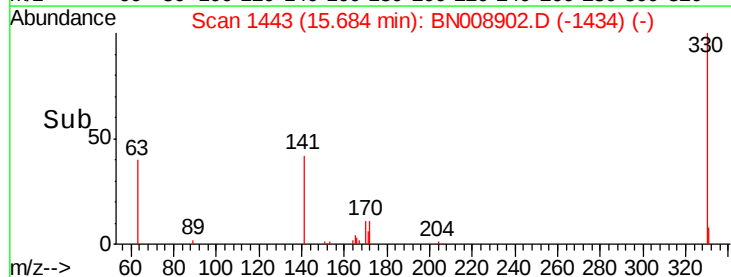
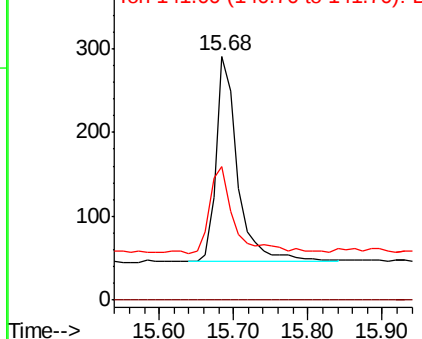


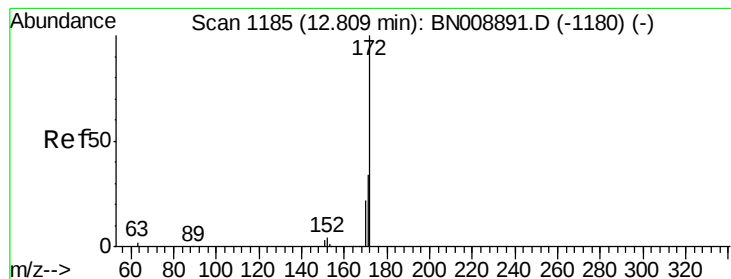
#14
2,4,6-Tribromophenol
Concen: 0.148 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:330 Resp: 487
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 51.1 29.6 44.4#



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: 0.314 ng

RT: 12.81 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :

PB124746BL

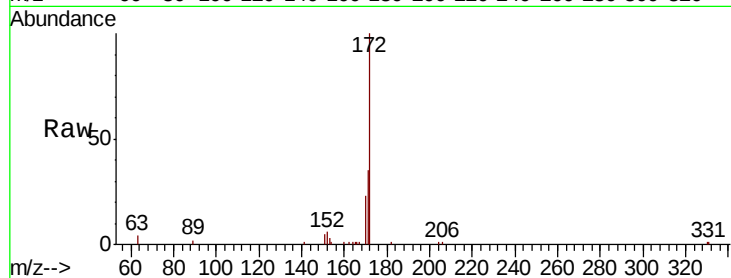
Tot Ion:172 Resp: 8172

Ion Ratio Lower Upper

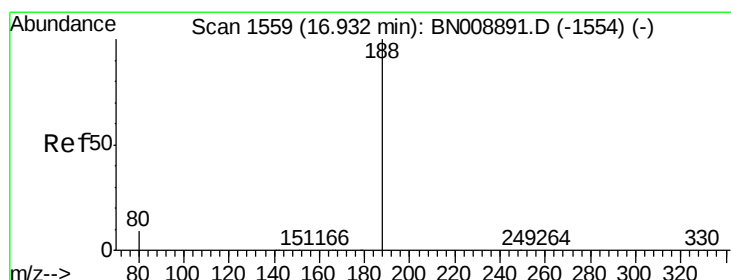
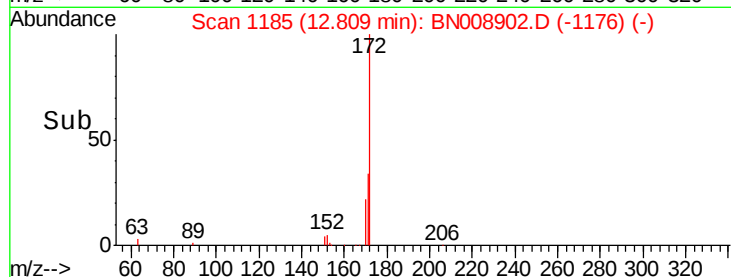
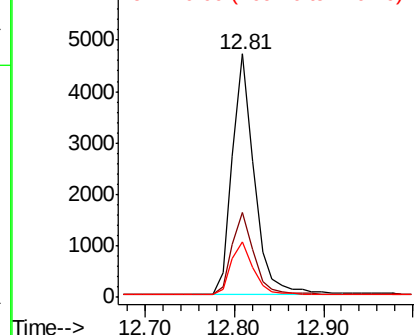
172 100

171 34.8 27.1 40.7

170 22.8 17.7 26.5



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: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

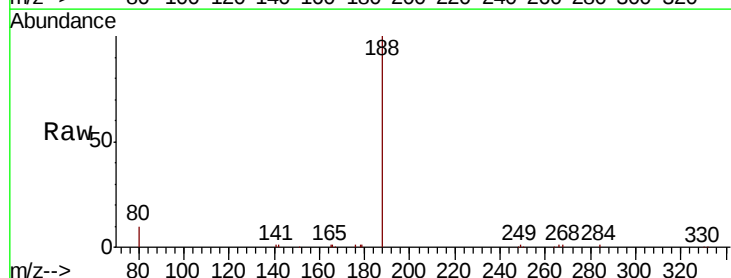
Tgt Ion:188 Resp: 17738

Ion Ratio Lower Upper

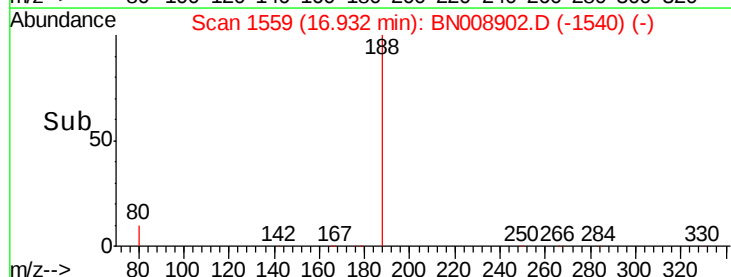
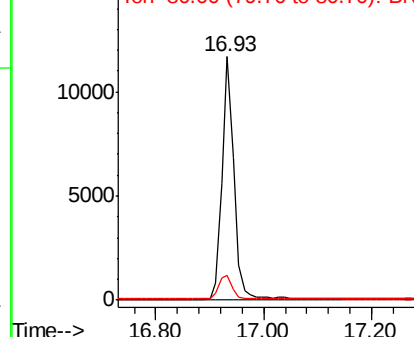
188 100

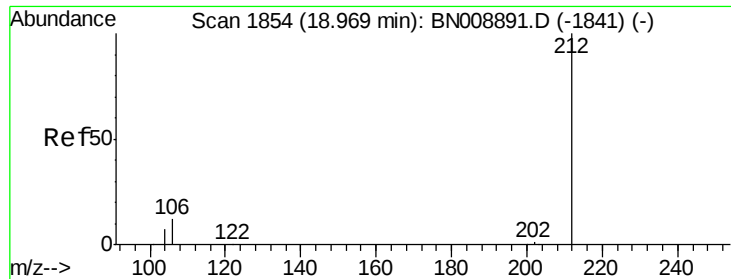
94 0.0 0.0 0.0

80 10.3 7.3 10.9



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

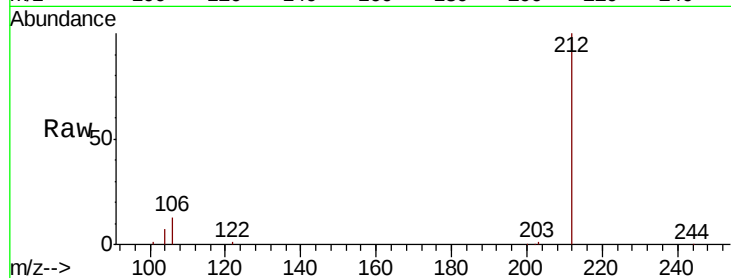




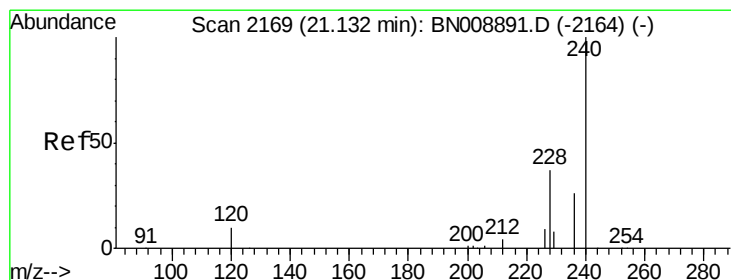
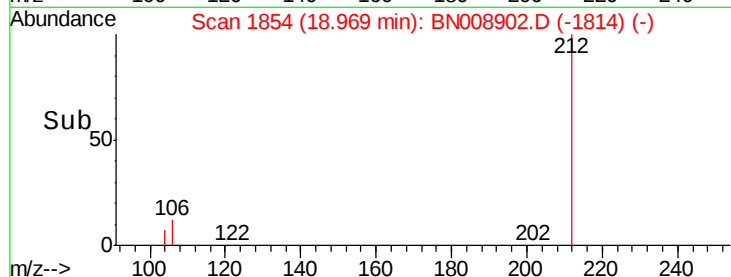
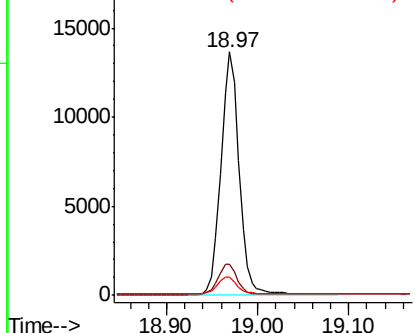
#25
Fluoranthene-d10
Concen: 0.351 ng
RT: 18.97 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Instrument :
BNA_N
ClientSampleId :
PB124746BL

Tot Ion:212 Resp: 18832
Ion Ratio Lower Upper
212 100
106 12.9 10.4 15.6
104 7.2 5.9 8.9

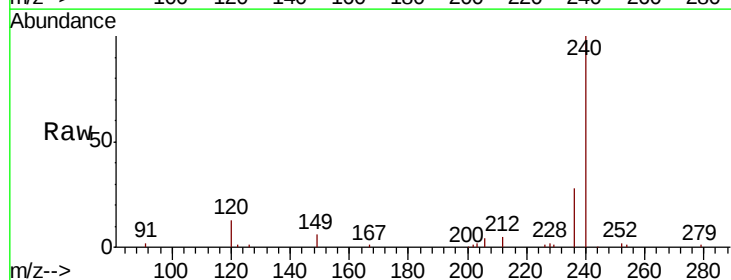


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

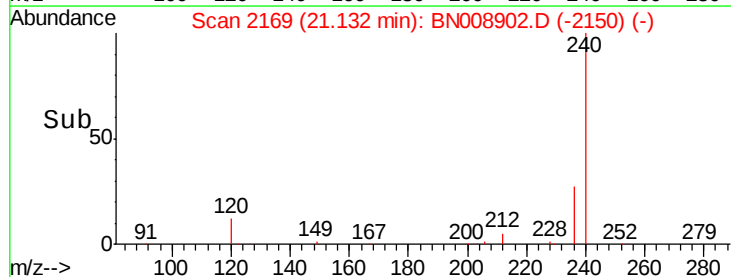
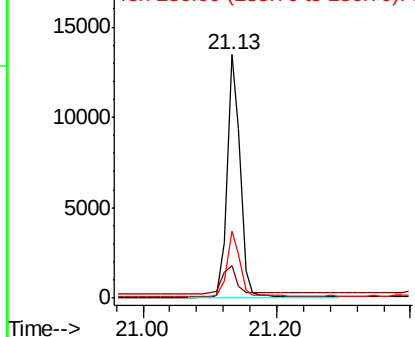


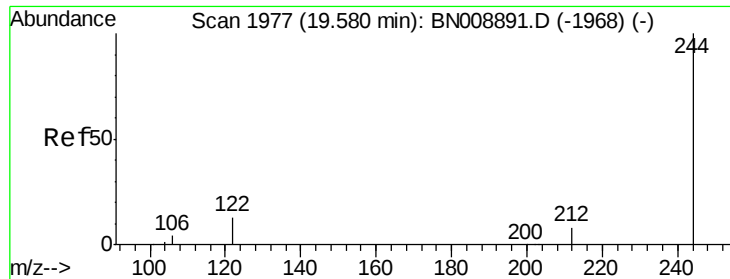
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN008902.D
Acq: 10 Dec 2019 12:38

Tgt Ion:240 Resp: 17957
Ion Ratio Lower Upper
240 100
120 13.3 9.1 13.7
236 27.7 21.5 32.3



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: 0.345 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

Instrument :

BNA_N

ClientSampleId :

PB124746BL

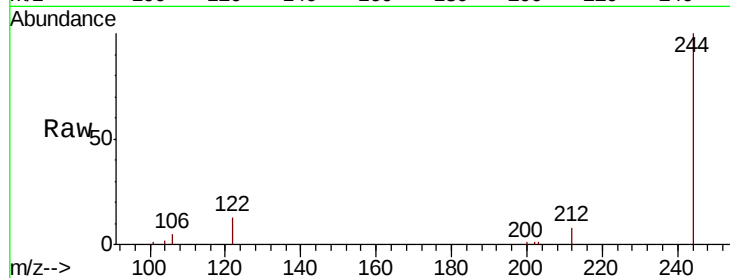
Tot Ion:244 Resp: 14148

Ion Ratio Lower Upper

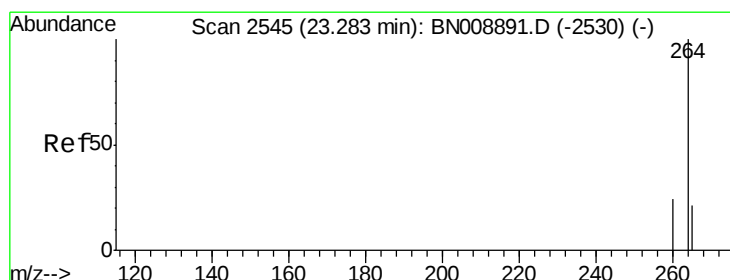
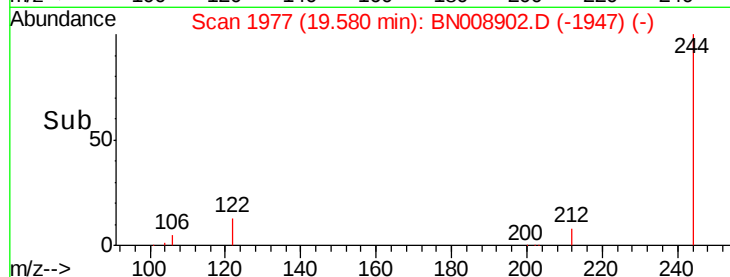
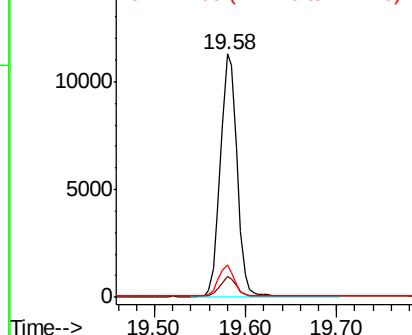
244 100

212 8.4 6.5 9.7

122 13.1 10.4 15.6



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: 23.29 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BN008902.D

Acq: 10 Dec 2019 12:38

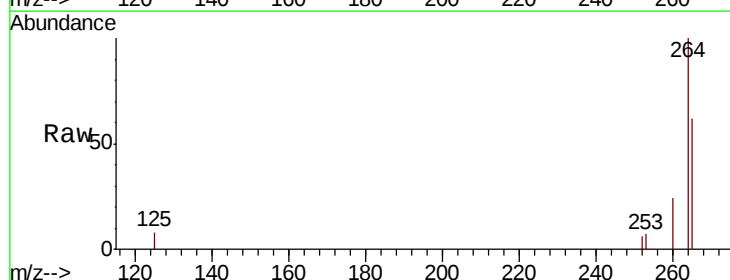
Tgt Ion:264 Resp: 17809

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 61.5 47.5 71.3



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

