

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043020\
 Data File : BN010670.D
 Acq On : 30 Apr 2020 12:37
 Operator : CG/JU
 Sample : PB128567TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128567TB

Quant Time: Apr 30 13:07:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 11:18:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3206	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	13275	0.40	ng	0.01
13) Acenaphthene-d10	14.21	164	8280	0.40	ng	0.01
19) Phenanthrene-d10	16.96	188	18013	0.40	ng	0.01
27) Chrysene-d12	21.16	240	13242	0.40	ng	0.00
34) Perylene-d12	23.33	264	12148	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	2647	0.38	ng	0.00
5) Phenol-d6	6.78	99	3007	0.33	ng	0.00
8) Nitrobenzene-d5	8.72	82	3319	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	7586	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	859	0.22	ng	0.02
15) 2-Fluorobiphenyl	12.84	172	10569	0.35	ng	0.02
25) Fluoranthene-d10	19.00	212	16854	0.31	ng	0.01
29) Terphenyl-d14	19.61	244	12645	0.42	ng	0.00

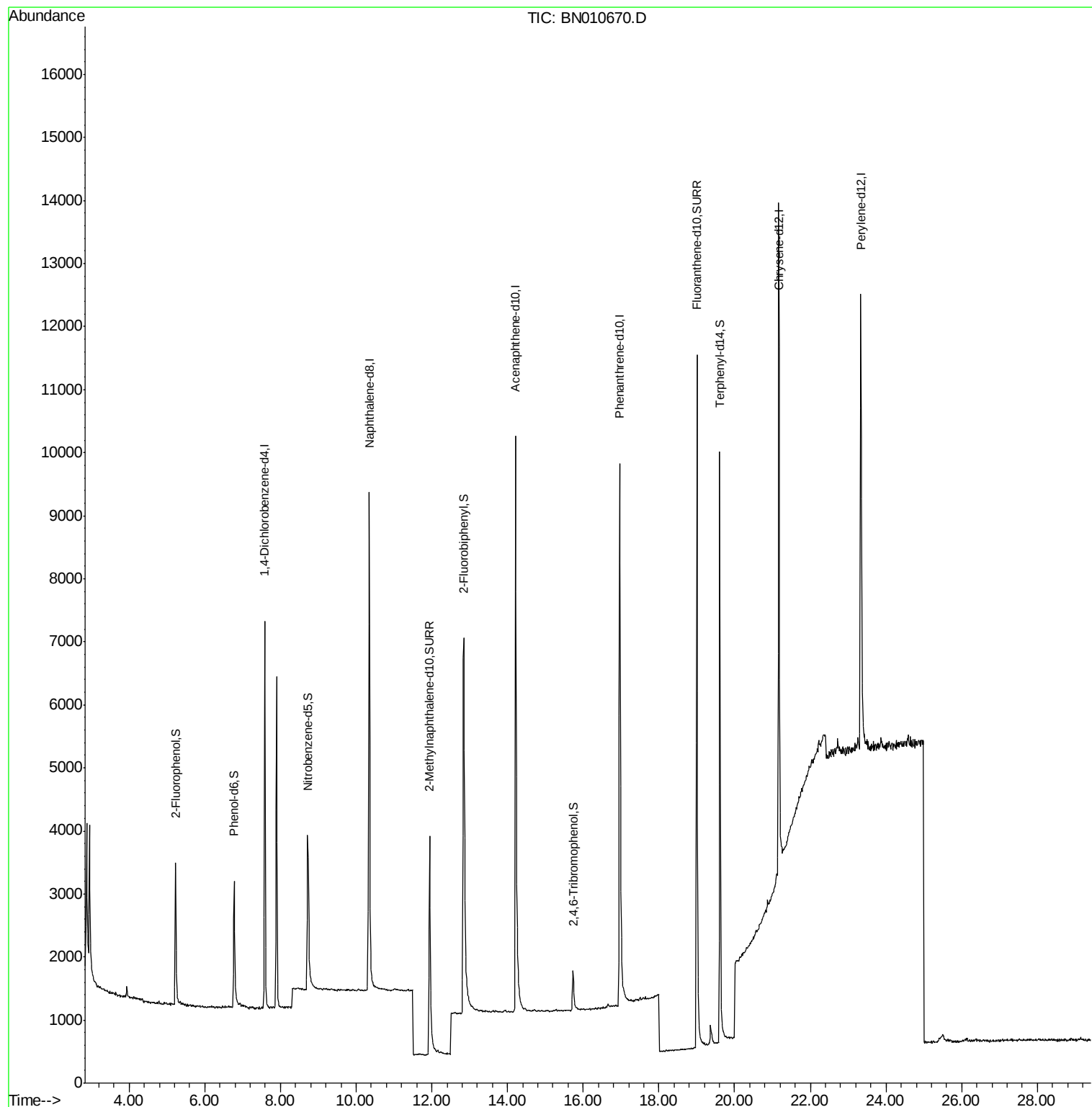
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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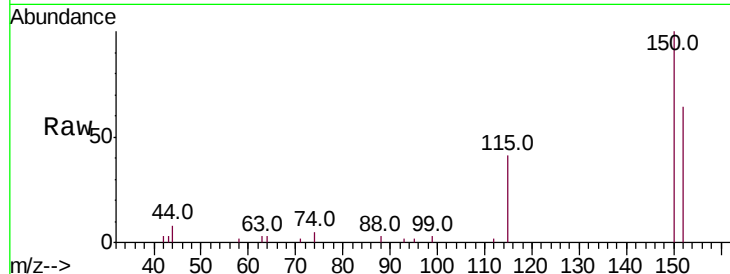


#1

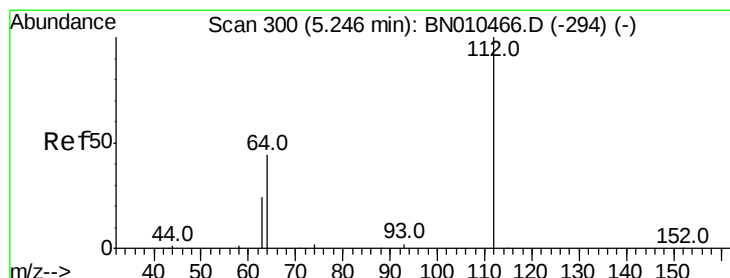
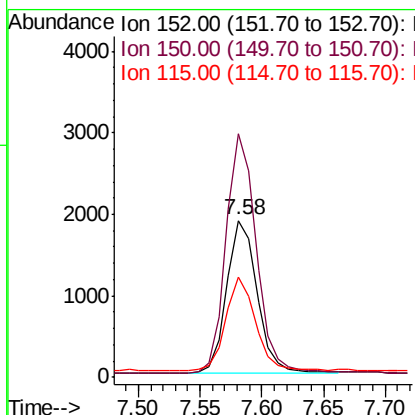
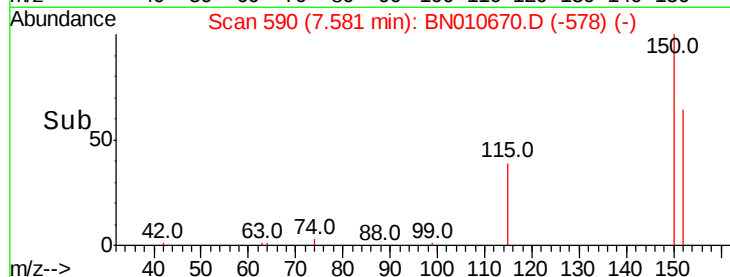
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 590
Delta R.T. -0.00 min
Lab File: BN010670.D
Acq: 30 Apr 2020 12:37

Instrument :
BNA_N
ClientSampleId :
PB128567TB

Tot Ion:152 Resp: 3206
Ion Ratio Lower Upper
152 100
150 155.3 121.8 182.6
115 63.6 45.5 68.3



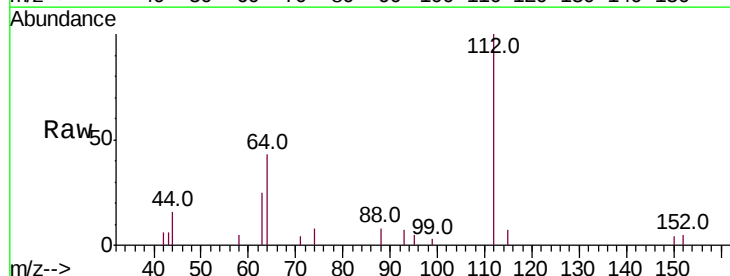
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



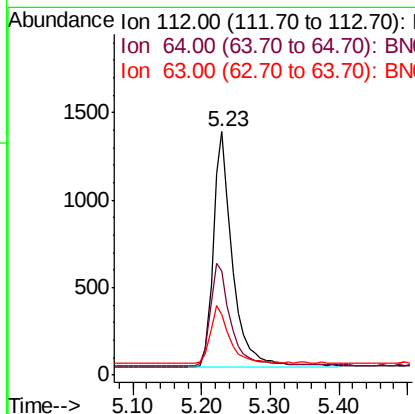
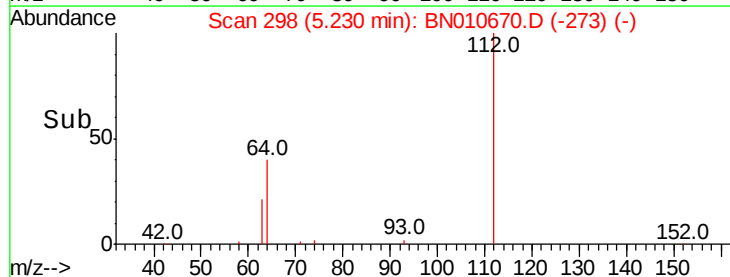
#4

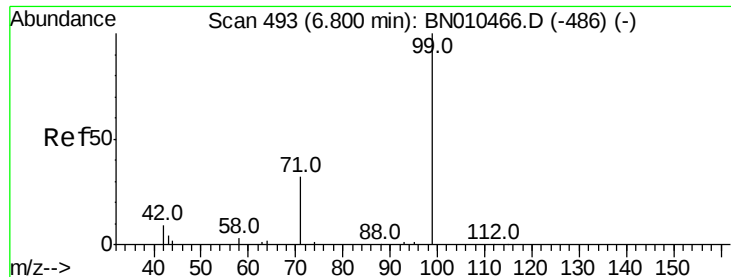
2-Fluorophenol
Concen: 0.377 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN010670.D
Acq: 30 Apr 2020 12:37

Tgt Ion:112 Resp: 2647
Ion Ratio Lower Upper
112 100
64 45.6 35.8 53.8
63 24.6 19.9 29.9



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: 0.328 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.00 min

Lab File: BN010670.D

Acq: 30 Apr 2020 12:37

Instrument :

BNA_N

ClientSampleId :

PB128567TB

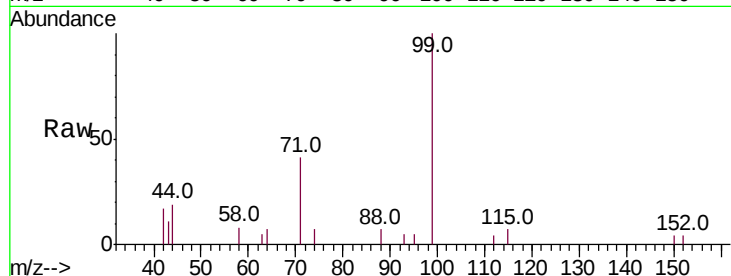
Tot Ion: 99 Resp: 3007

Ion Ratio Lower Upper

99 100

42 12.8 9.8 14.6

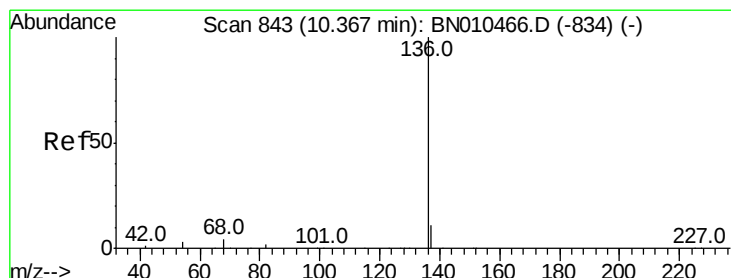
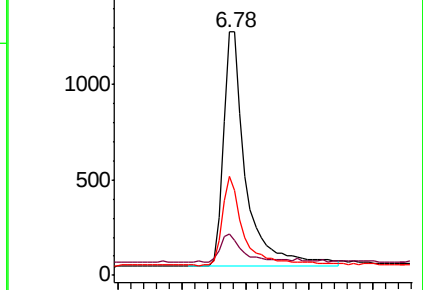
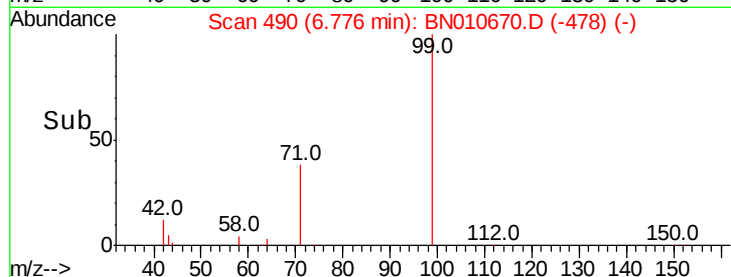
71 36.1 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010670.D (-478) (-)

Ion 42.00 (41.70 to 42.70): BN010670.D (-478) (-)

Ion 71.00 (70.70 to 71.70): BN010670.D (-478) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.01 min

Lab File: BN010670.D

Acq: 30 Apr 2020 12:37

Tgt Ion: 136 Resp: 13275

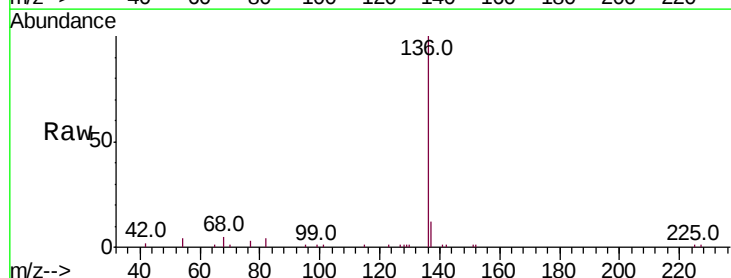
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 3.9 2.6 4.0

68 4.6 3.4 5.2

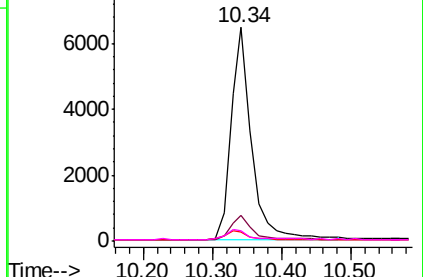
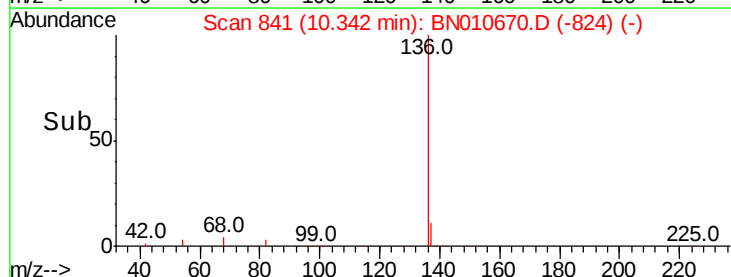


Abundance Ion 136.00 (135.70 to 136.70): BN010670.D (-824) (-)

Ion 137.00 (136.70 to 137.70): BN010670.D (-824) (-)

Ion 54.00 (53.70 to 54.70): BN010670.D (-824) (-)

Ion 68.00 (67.70 to 68.70): BN010670.D (-824) (-)





#8

Nitrobenzene-d5

Concen: 0.358 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN010670.D

Acq: 30 Apr 2020 12:37

Instrument :

BNA_N

ClientSampleId :

PB128567TB

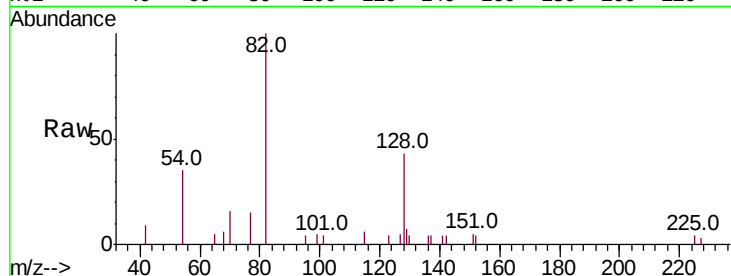
Tot Ion: 82 Resp: 3319

Ion Ratio Lower Upper

82 100

128 42.6 41.3 61.9

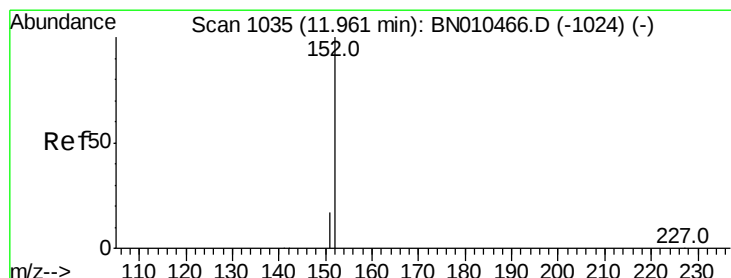
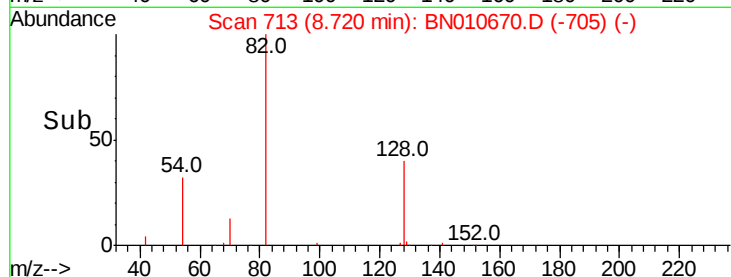
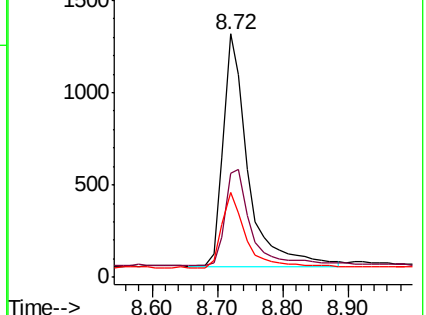
54 34.7 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.348 ng

RT: 11.94 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BN010670.D

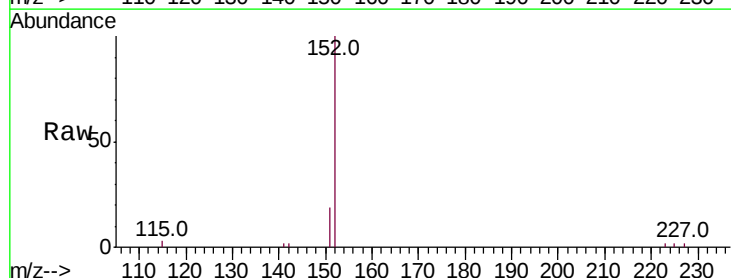
Acq: 30 Apr 2020 12:37

Tgt Ion: 152 Resp: 7586

Ion Ratio Lower Upper

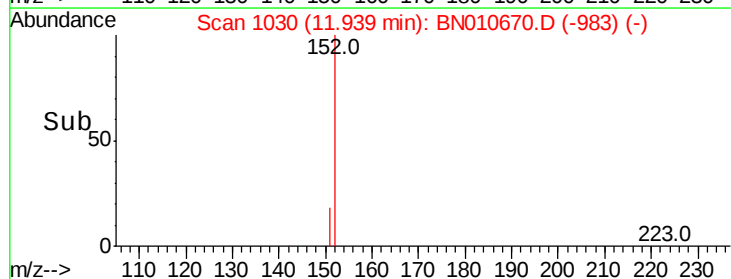
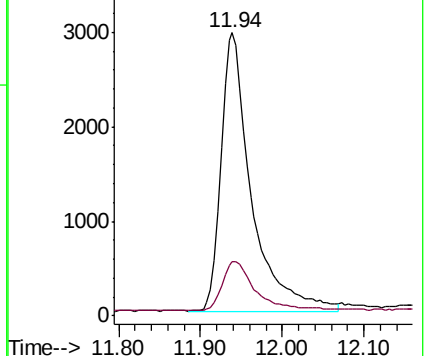
152 100

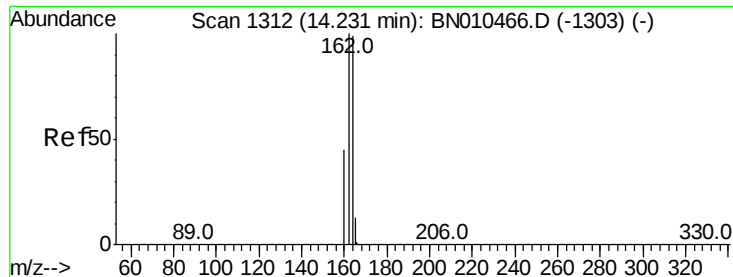
151 19.6 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010466.D (-1024) (-)

Ion 151.00 (150.70 to 151.70): BN010466.D (-1024) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BN010670.D

Acq: 30 Apr 2020 12:37

Instrument :

BNA_N

ClientSampleId :

PB128567TB

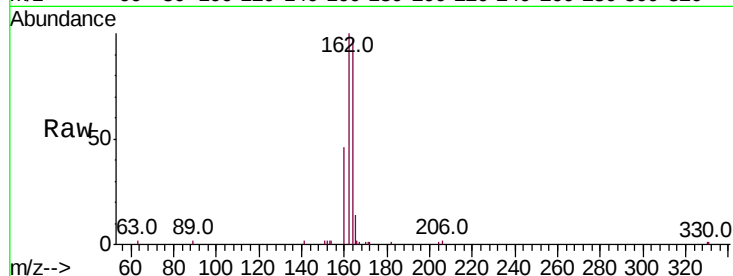
Tot Ion:164 Resp: 8280

Ion Ratio Lower Upper

164 100

162 103.4 80.6 121.0

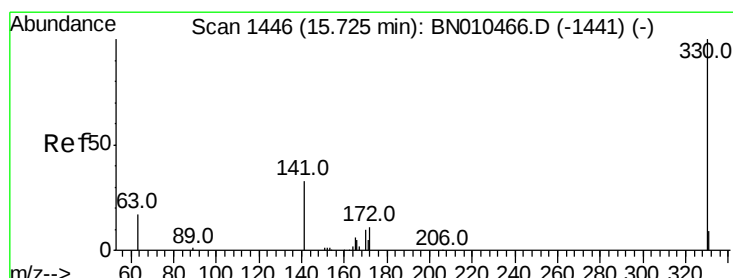
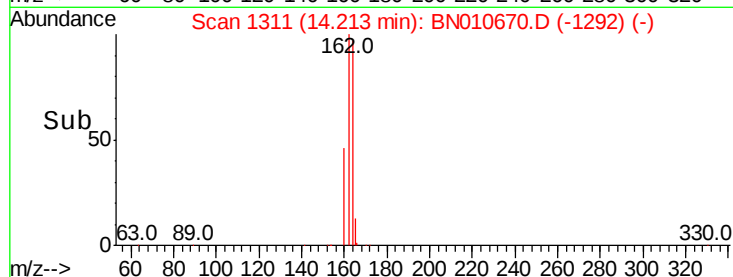
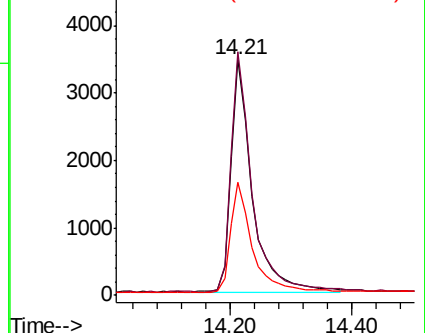
160 48.0 36.5 54.7



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: 0.220 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.02 min

Lab File: BN010670.D

Acq: 30 Apr 2020 12:37

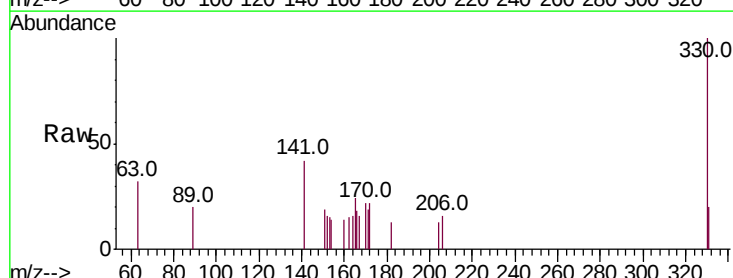
Tgt Ion:330 Resp: 859

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

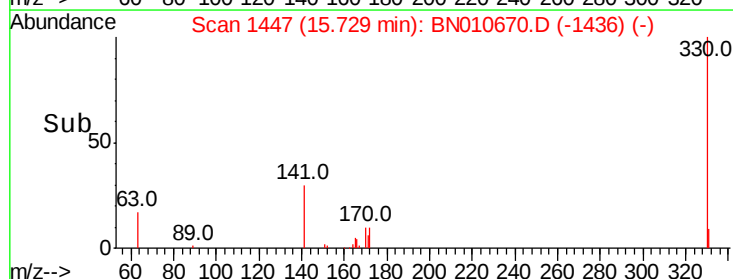
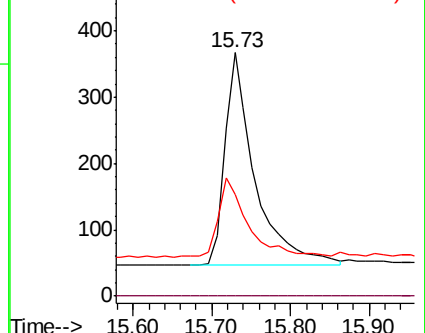
141 37.5 28.1 42.1

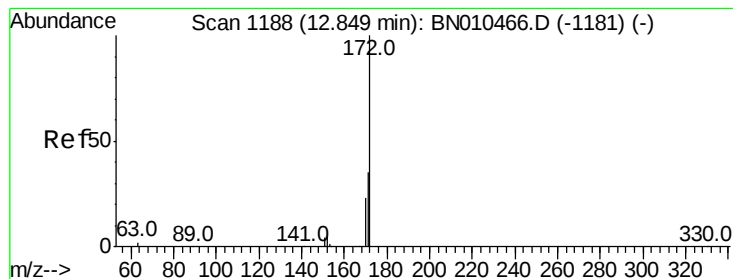


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.351 ng

RT: 12.84 min Scan# 1188

Delta R.T. 0.02 min

Lab File: BN010670.D

Acq: 30 Apr 2020 12:37

Instrument :

BNA_N

ClientSampleId :

PB128567TB

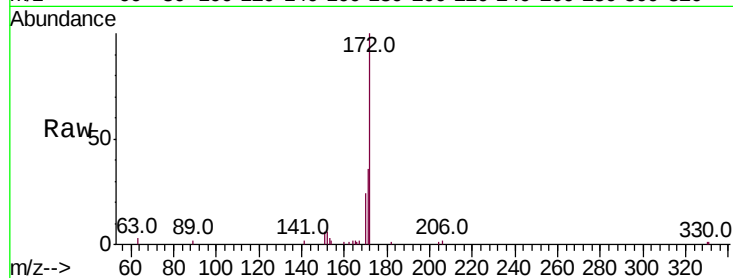
Tot Ion:172 Resp: 10569

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

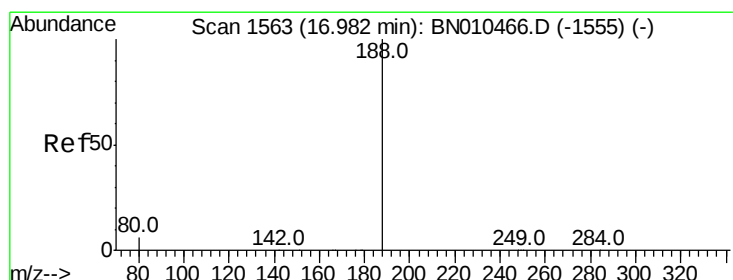
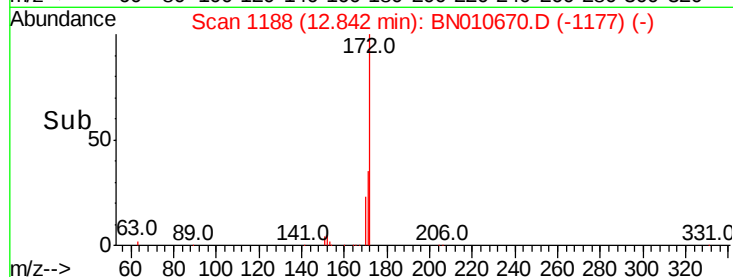
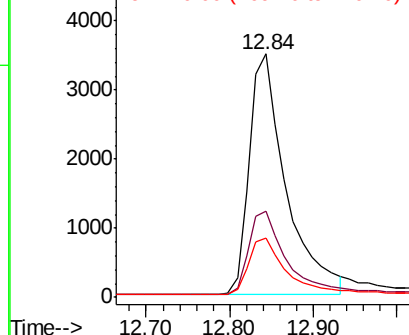
170 24.3 18.4 27.6



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: 16.96 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BN010670.D

Acq: 30 Apr 2020 12:37

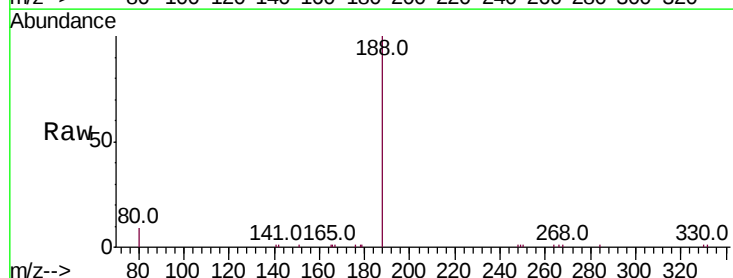
Tgt Ion:188 Resp: 18013

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

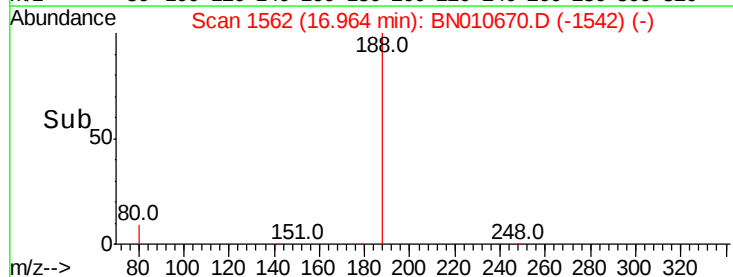
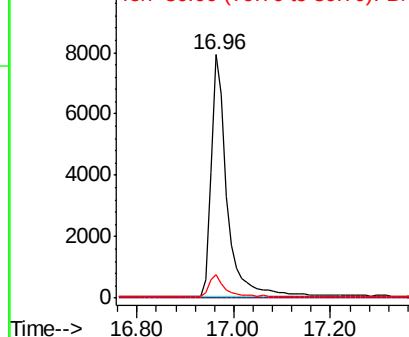
80 9.4 5.0 7.6#

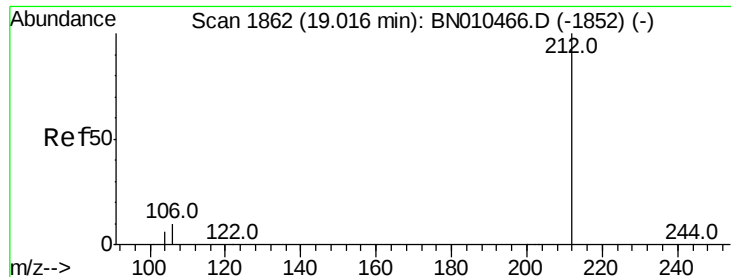


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.309 ng

RT: 19.00 min Scan# 1861

Delta R.T. 0.01 min

Lab File: BN010670.D

Acq: 30 Apr 2020 12:37

Instrument :

BNA_N

ClientSampleId :

PB128567TB

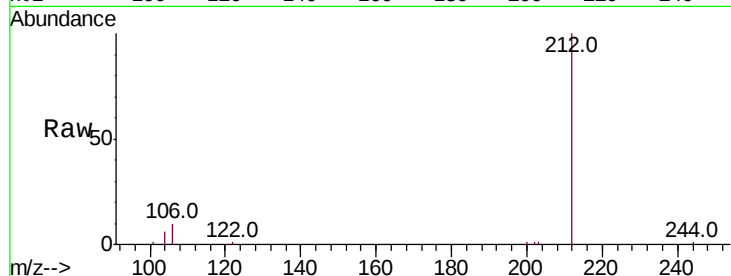
Tot Ion:212 Resp: 16854

Ion Ratio Lower Upper

212 100

106 9.9 7.8 11.6

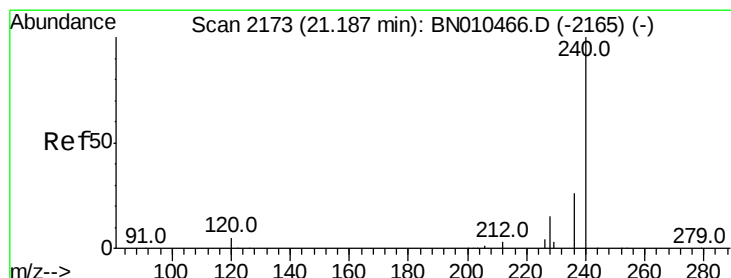
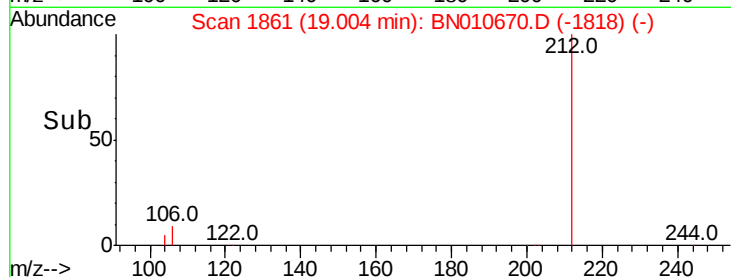
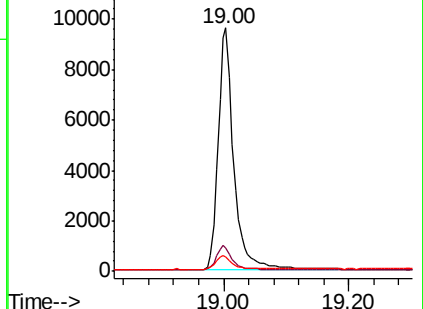
104 5.5 4.5 6.7



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: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010670.D

Acq: 30 Apr 2020 12:37

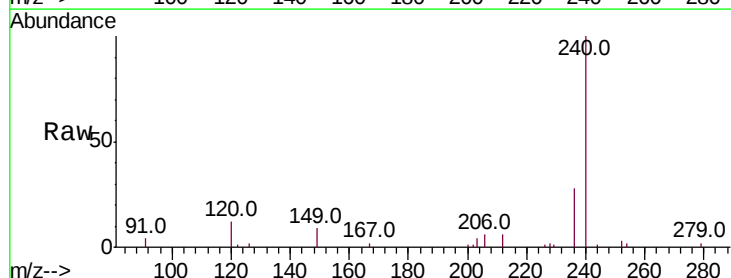
Tgt Ion:240 Resp: 13242

Ion Ratio Lower Upper

240 100

120 12.0 4.8 7.2#

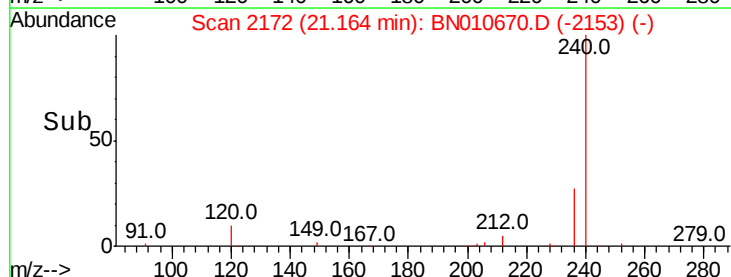
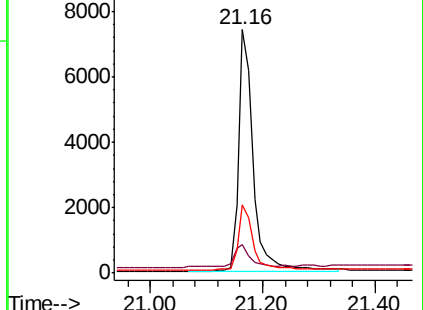
236 27.8 21.4 32.0

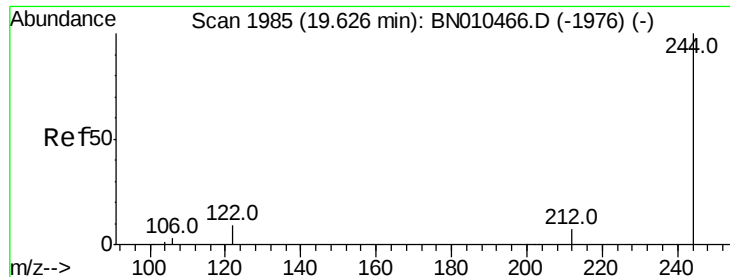


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.417 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN010670.D

Acq: 30 Apr 2020 12:37

Instrument :

BNA_N

ClientSampleId :

PB128567TB

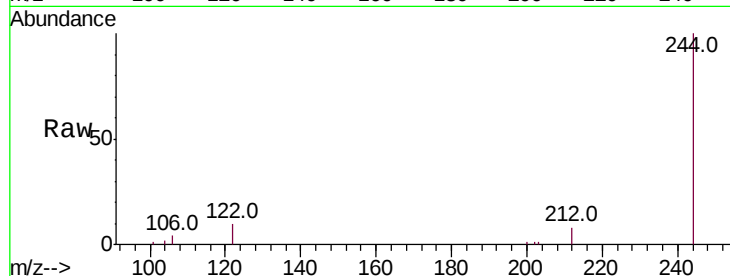
Tot Ion:244 Resp: 12645

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

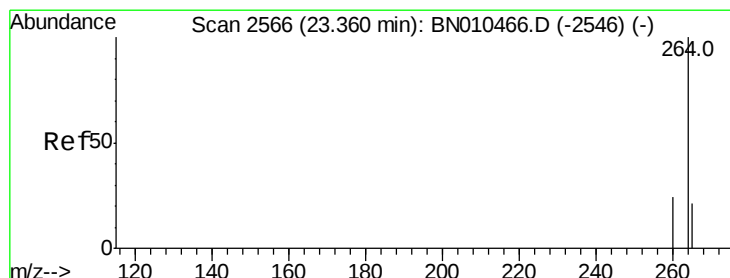
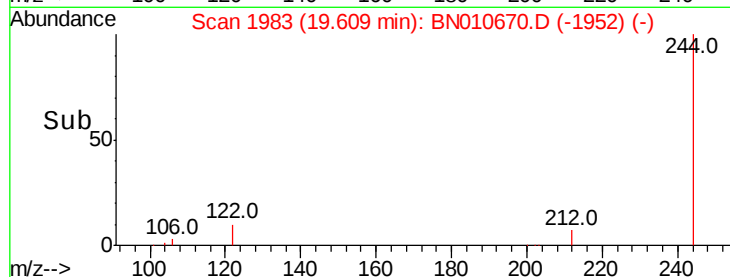
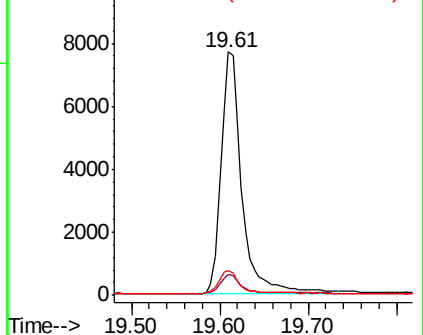
122 10.4 7.8 11.8



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: 23.33 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BN010670.D

Acq: 30 Apr 2020 12:37

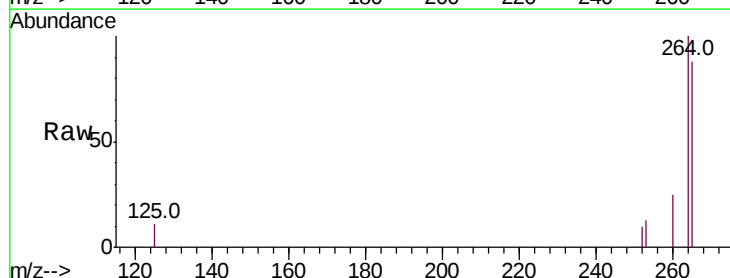
Tgt Ion:264 Resp: 12148

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.8

265 88.5 42.3 63.5#



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

