

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006733.D
 Acq On : 06 Jul 2019 01:48
 Operator : HP/JU
 Sample : PB120991BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB120991BL

Quant Time: Jul 06 03:27:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2682	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	9572	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	5996	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	13099	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	13282	0.40	ng	-0.02
34) Perylene-d12	23.46	264	16344	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2102	0.29	ng	0.00
5) Phenol-d6	6.86	99	2319	0.25	ng	0.02
8) Nitrobenzene-d5	8.83	82	1583	0.22	ng	0.04
11) 2-Methylnaphthalene-d10	11.99	152	5049	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	413	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.87	172	6979	0.30	ng	-0.01
25) Fluoranthene-d10	19.06	212	13969	0.37	ng	-0.02
29) Terphenyl-d14	19.66	244	9999	0.33	ng	-0.02

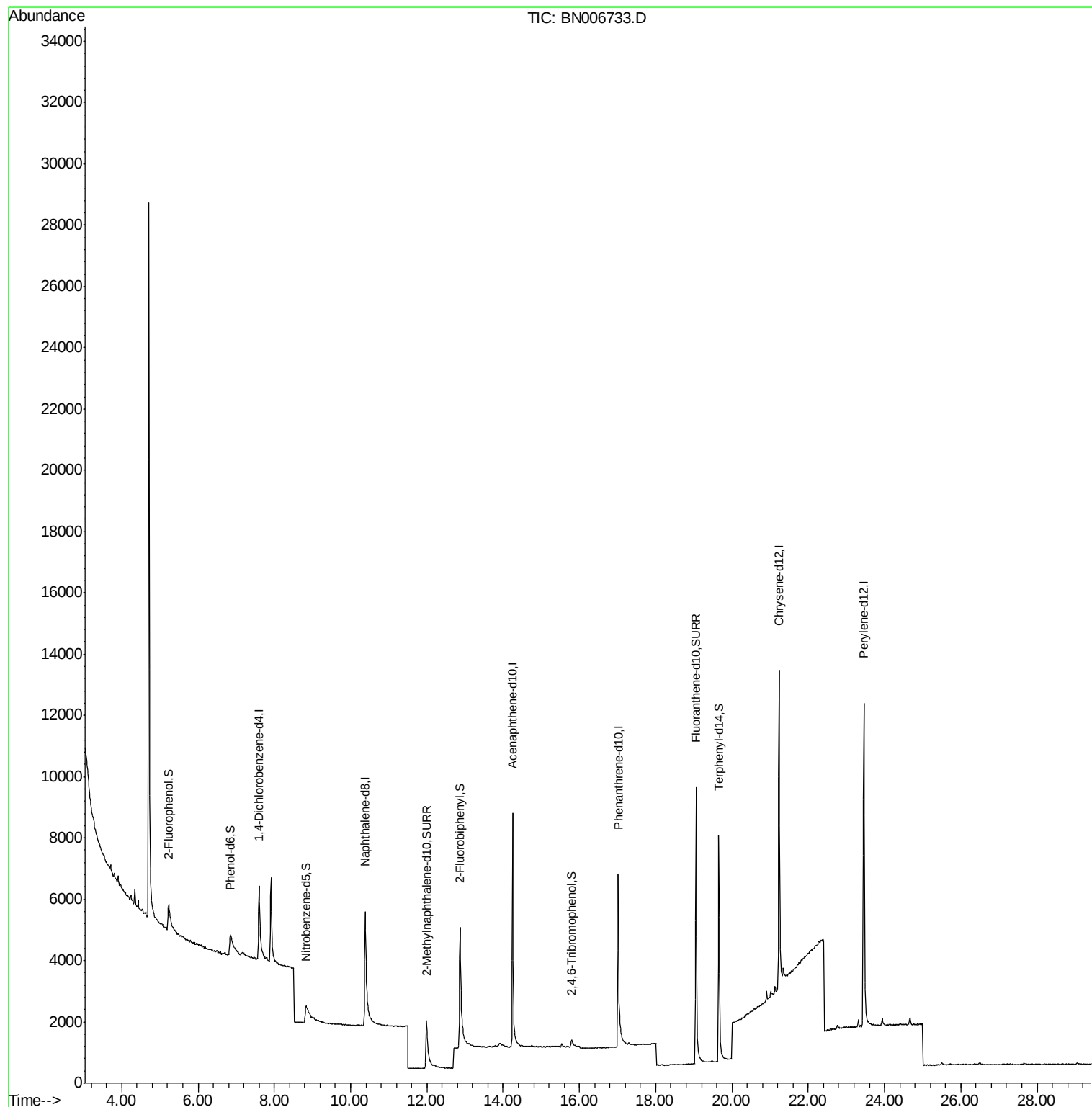
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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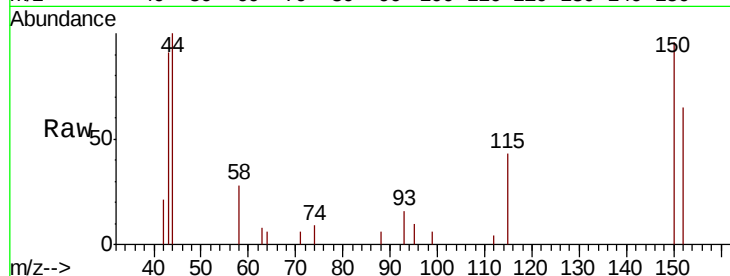


#1

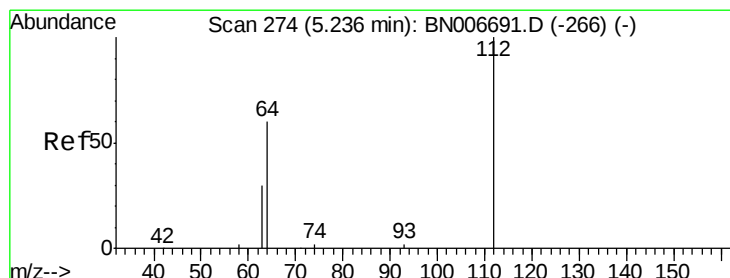
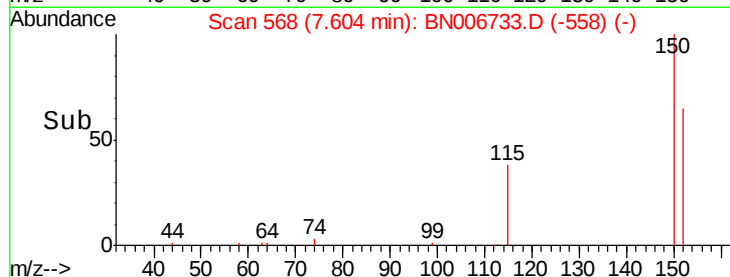
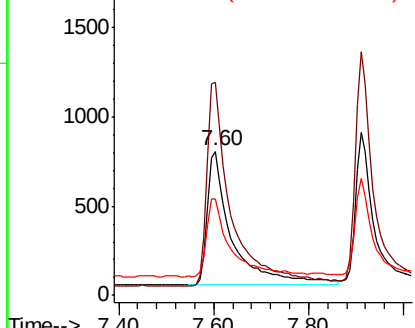
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 568
Delta R.T. -0.02 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Instrument :
BNA_N
ClientSampleId :
PB120991BL

Tot Ion:152 Resp: 2682
Ion Ratio Lower Upper
152 100
150 148.1 120.6 181.0
115 66.7 51.0 76.6



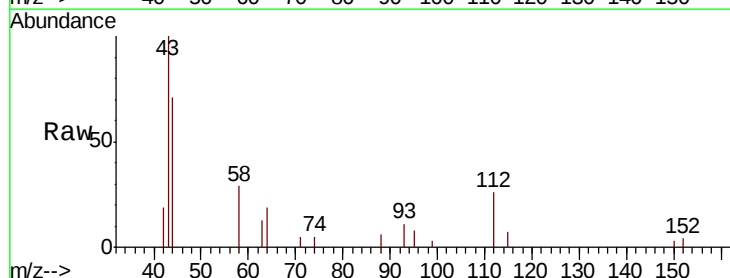
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



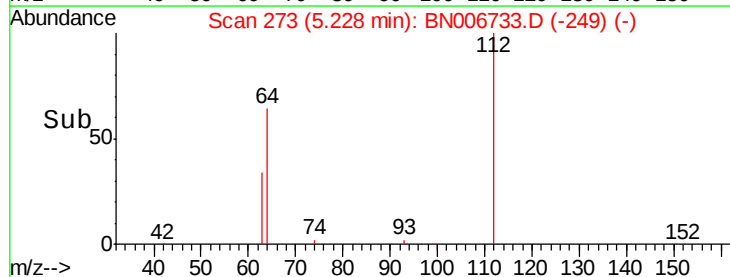
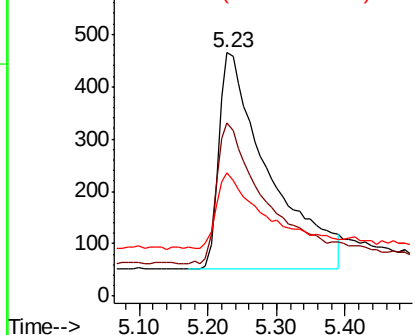
#4

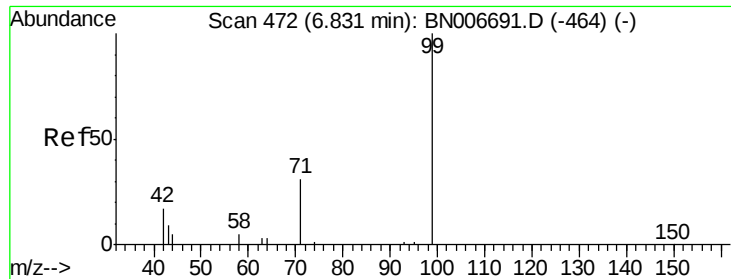
2-Fluorophenol
Concen: 0.289 ng
RT: 5.23 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Tgt Ion:112 Resp: 2102
Ion Ratio Lower Upper
112 100
64 64.6 49.8 74.6
63 33.1 25.8 38.6



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: 0.251 ng

RT: 6.86 min Scan# 475

Delta R.T. 0.02 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

Instrument :

BNA_N

ClientSampled :

PB120991BL

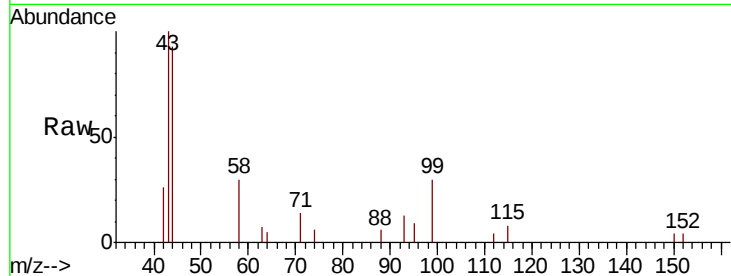
Tot Ion: 99 Resp: 2319

Ion Ratio Lower Upper

99 100

42 24.0 16.6 25.0

71 35.9 26.0 39.0

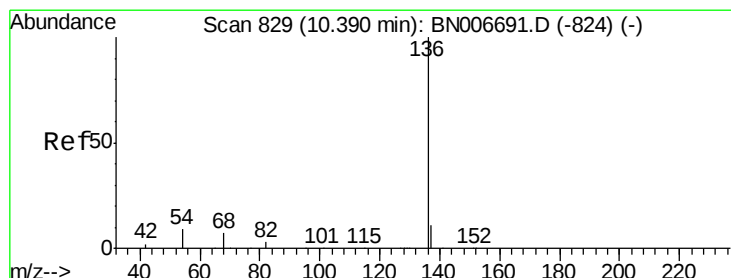
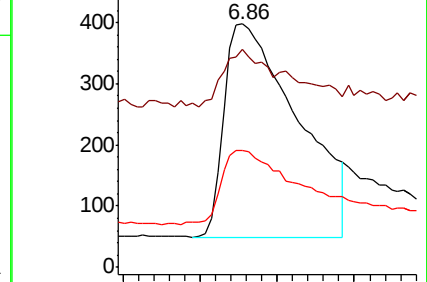
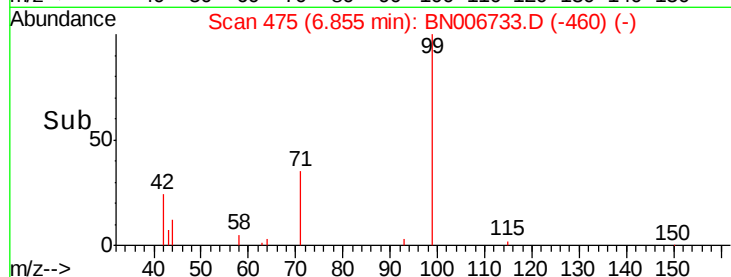


Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006691.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006691.D (-464) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

Tgt Ion: 136 Resp: 9572

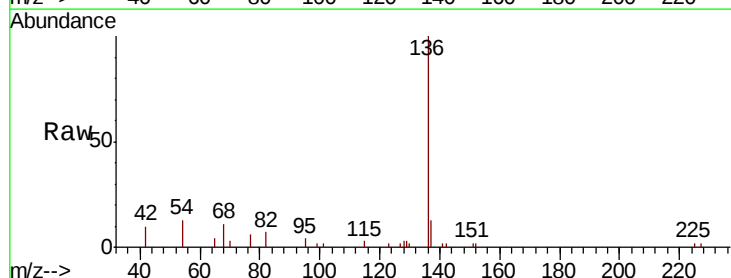
Ion Ratio Lower Upper

136 100

137 12.6 9.3 13.9

54 13.3 8.4 12.6#

68 10.5 6.8 10.2#



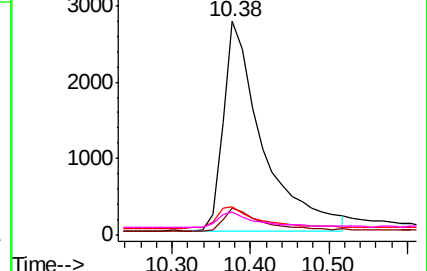
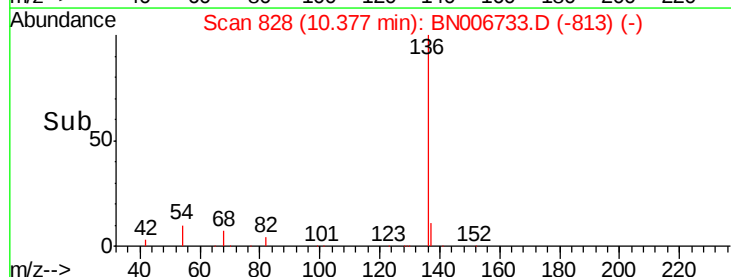
Abundance Ion 136.00 (135.70 to 136.70): BN006691.D (-824) (-)

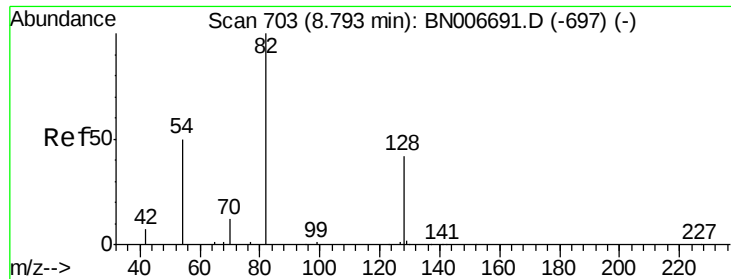
Ion 137.00 (136.70 to 137.70): BN006691.D (-824) (-)

Ion 54.00 (53.70 to 54.70): BN006691.D (-824) (-)

Ion 68.00 (67.70 to 68.70): BN006691.D (-824) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.216 ng

RT: 8.83 min Scan# 706

Delta R.T. 0.04 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

Instrument :

BNA_N

ClientSampleId :

PB120991BL

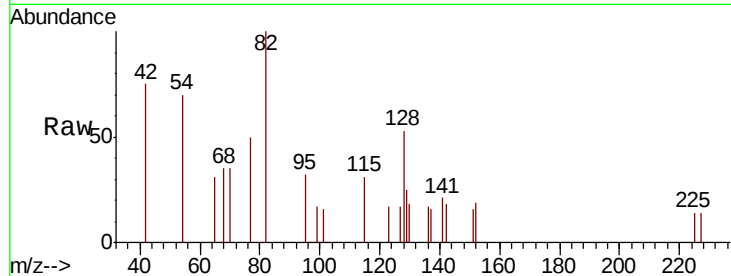
Tot Ion: 82 Resp: 1583

Ion Ratio Lower Upper

82 100

128 53.0 36.1 54.1

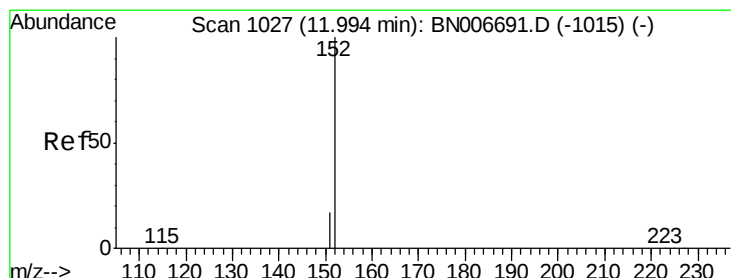
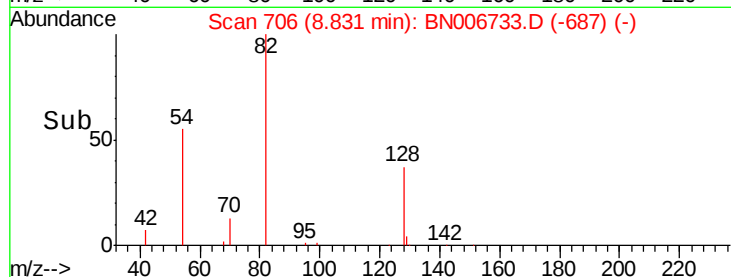
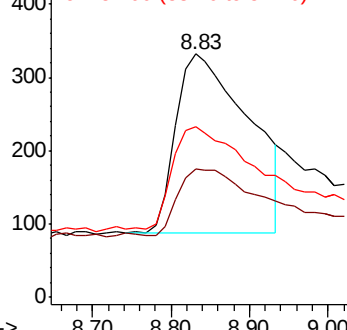
54 69.9 44.5 66.7#



Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 11.99 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN006733.D

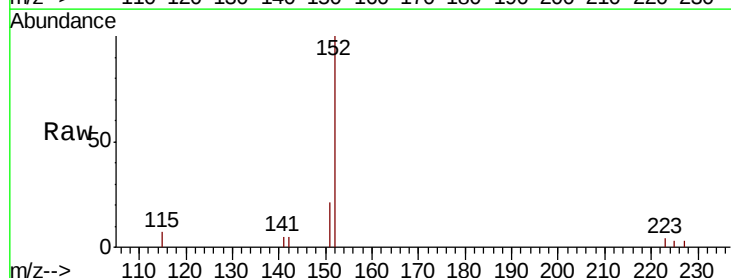
Acq: 06 Jul 2019 01:48

Tgt Ion: 152 Resp: 5049

Ion Ratio Lower Upper

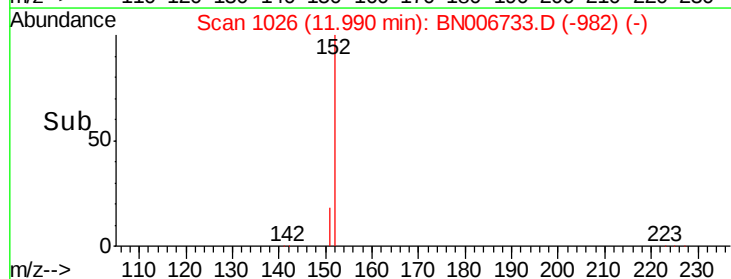
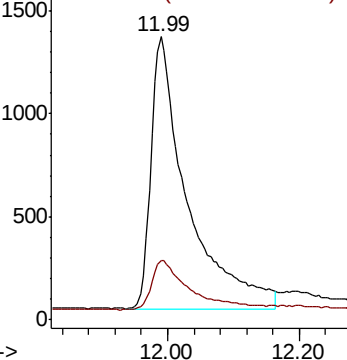
152 100

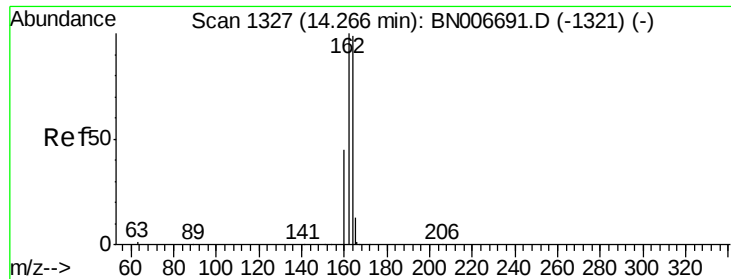
151 19.4 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

Instrument :

BNA_N

ClientSampleId :

PB120991BL

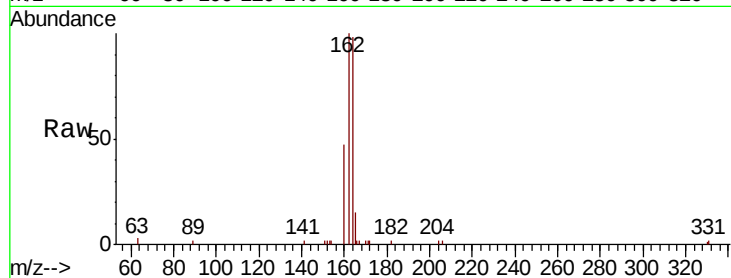
Tot Ion:164 Resp: 5996

Ion Ratio Lower Upper

164 100

162 102.1 80.8 121.2

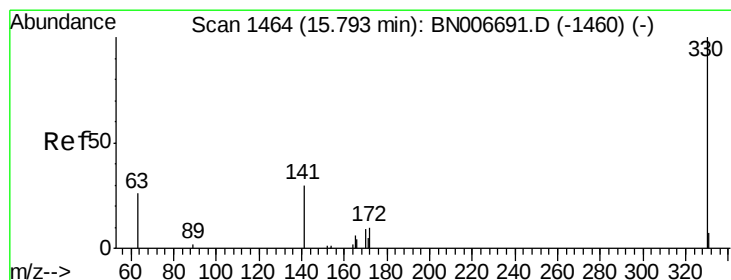
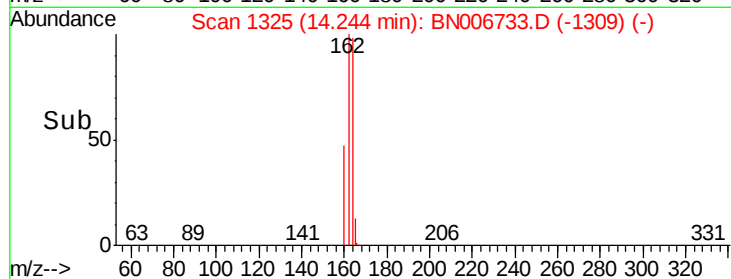
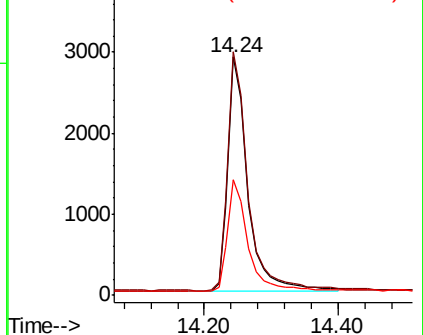
160 48.4 37.0 55.6



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: 0.140 ng

RT: 15.79 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

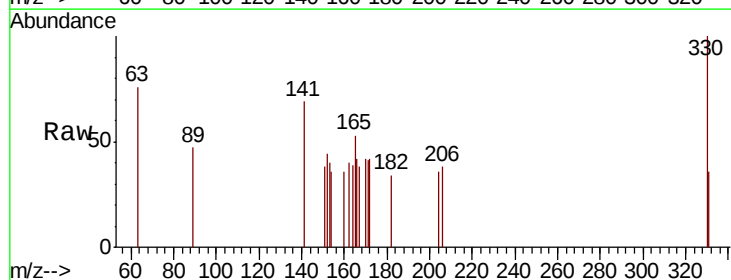
Tgt Ion:330 Resp: 413

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

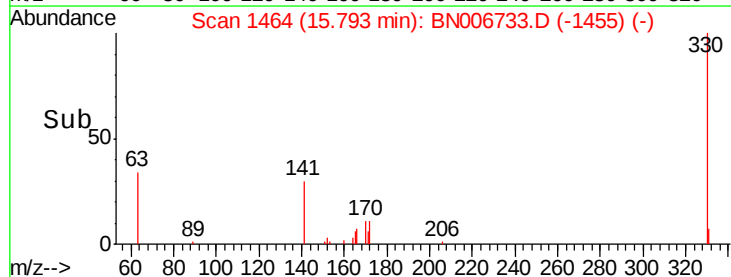
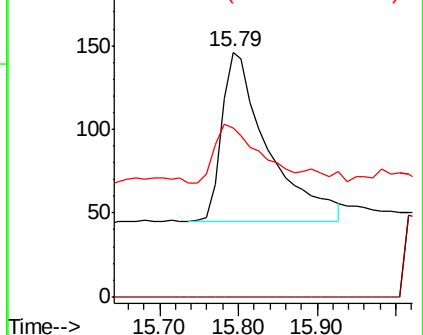
141 32.9 24.8 37.2

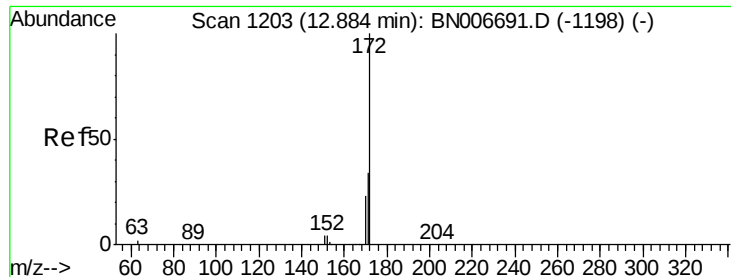


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

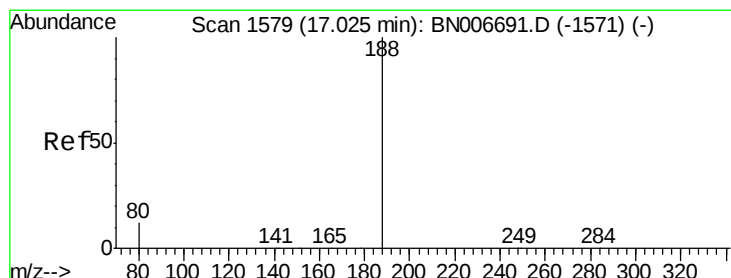
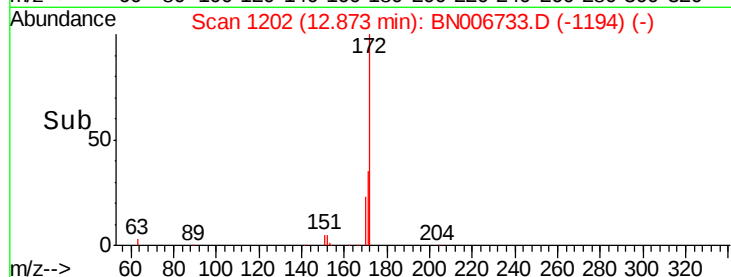
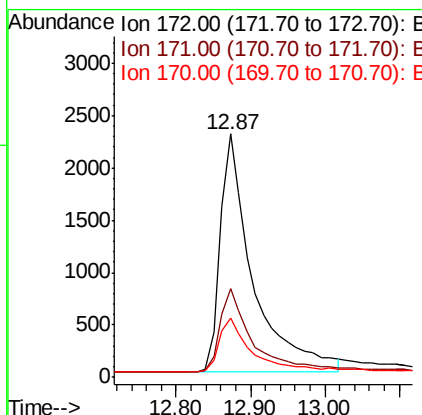
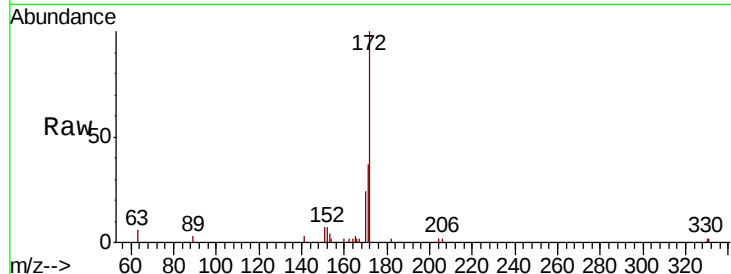




#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 12.87 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

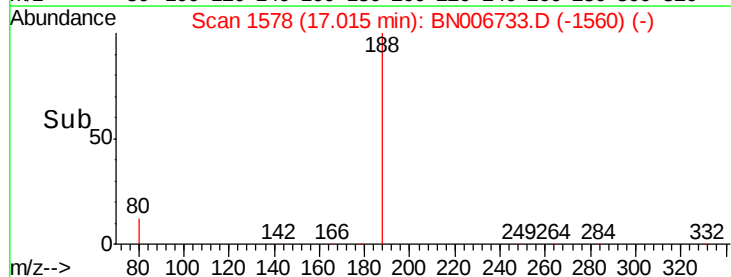
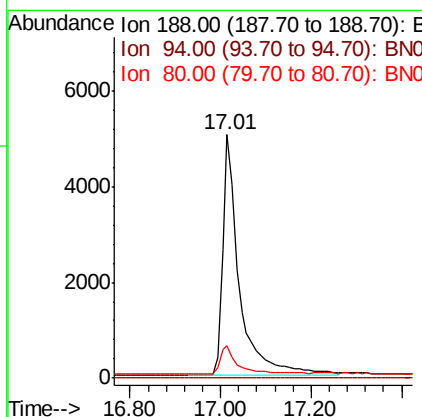
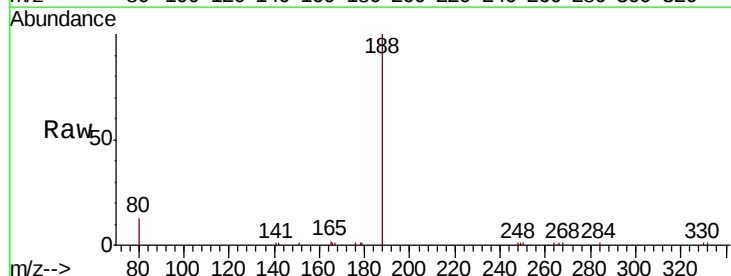
Instrument :
BNA_N
ClientSampleId :
PB120991BL

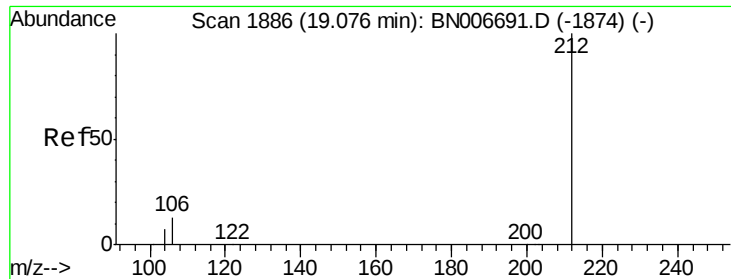
Tot Ion:172 Resp: 6979
Ion Ratio Lower Upper
172 100
171 36.7 27.8 41.6
170 24.5 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Tgt Ion:188 Resp: 13099
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 10.3 15.5

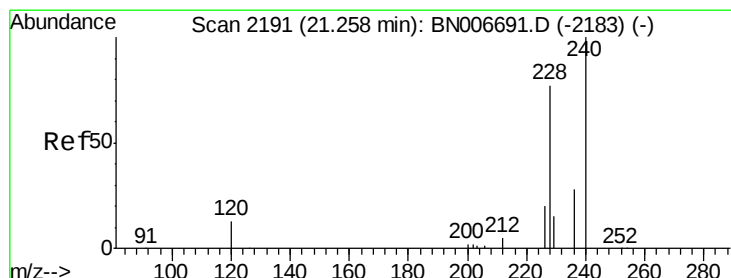
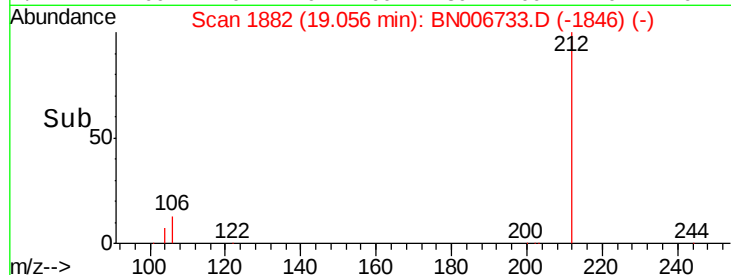
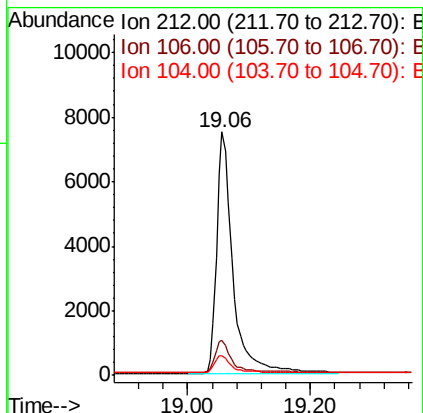
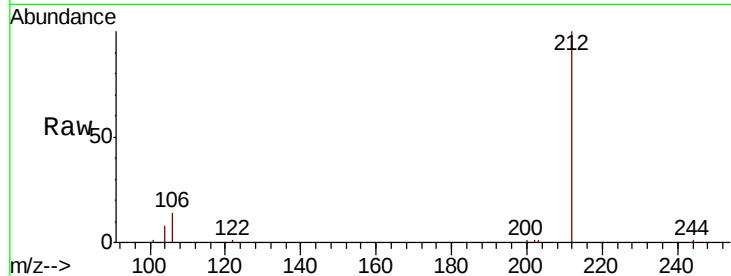




#25
 Fluoranthene-d10
 Concen: 0.373 ng
 RT: 19.06 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BN006733.D
 Acq: 06 Jul 2019 01:48

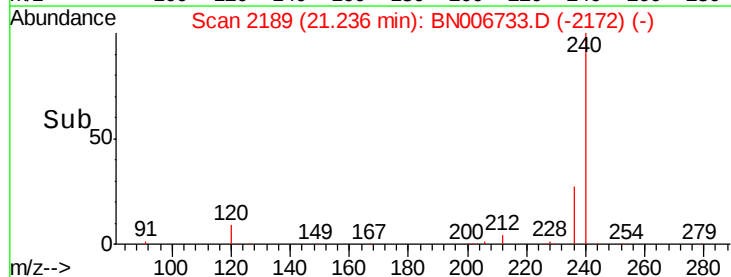
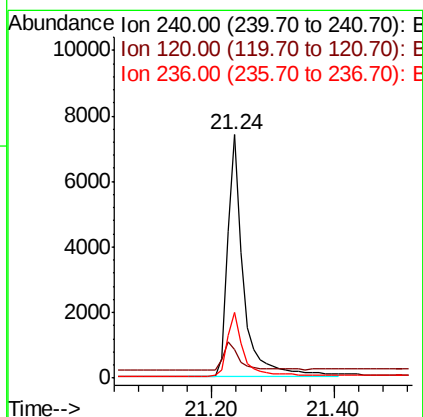
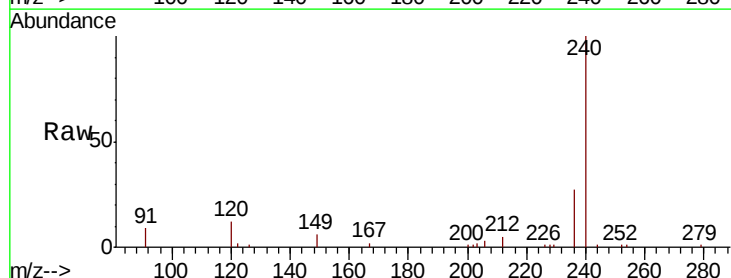
Instrument :
 BNA_N
 ClientSampleId :
 PB120991BL

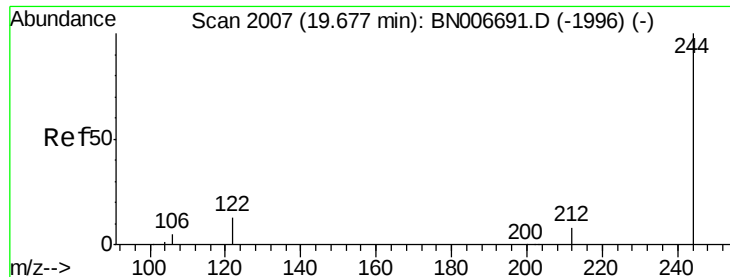
Tot Ion:212 Resp: 13969
 Ion Ratio Lower Upper
 212 100
 106 13.3 11.0 16.6
 104 7.3 6.1 9.1



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BN006733.D
 Acq: 06 Jul 2019 01:48

Tgt Ion:240 Resp: 13282
 Ion Ratio Lower Upper
 240 100
 120 11.6 12.9 19.3#
 236 27.2 23.2 34.8





#29

Terphenyl-d14

Concen: 0.327 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

Instrument :

BNA_N

ClientSampleId :

PB120991BL

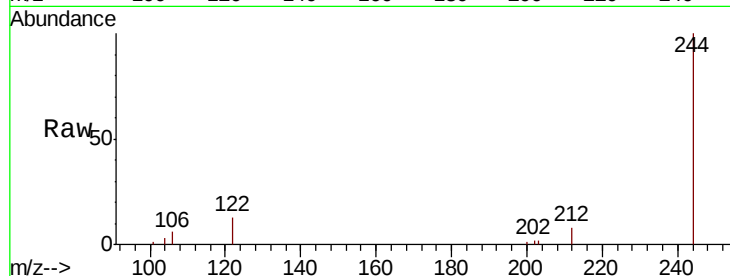
Tot Ion:244 Resp: 9999

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

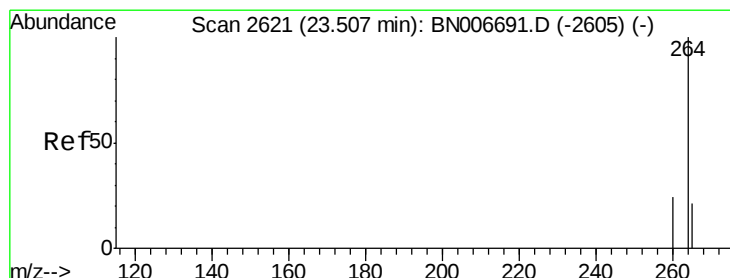
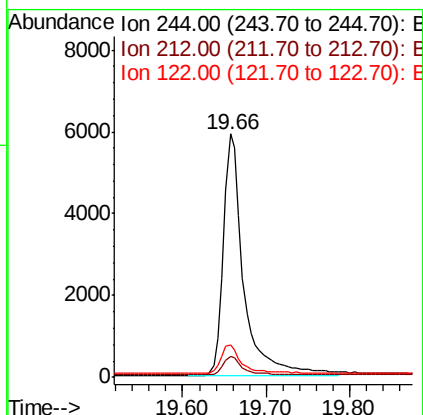
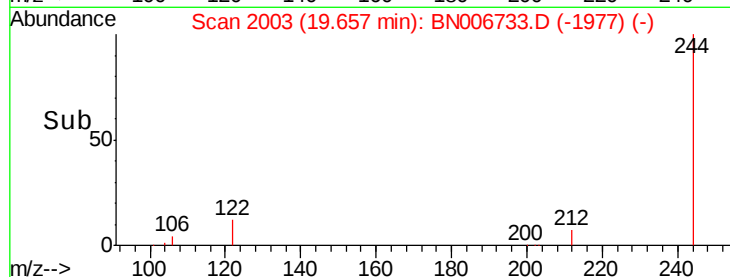
122 13.4 11.5 17.3



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: 23.46 min Scan# 2606

Delta R.T. -0.05 min

Lab File: BN006733.D

Acq: 06 Jul 2019 01:48

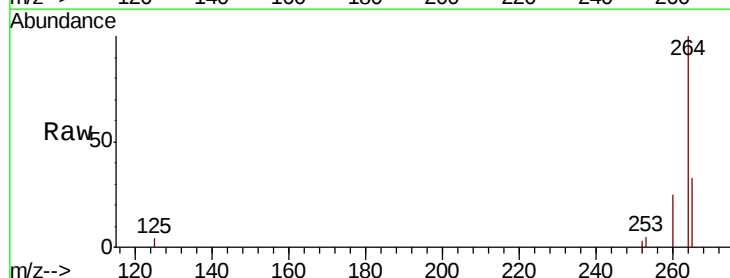
Tgt Ion:264 Resp: 16344

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 32.9 33.7 50.5#



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

