

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006743.D
 Acq On : 06 Jul 2019 07:37
 Operator : HP/JU
 Sample : K3666-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWHR2-9-070219

Quant Time: Jul 08 00:29:37 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	2770	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	10708	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6447	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	14942	0.40	ng	-0.02
27) Chrysene-d12	21.24	240	14597	0.40	ng	-0.02
34) Perylene-d12	23.47	264	16923	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1160	0.15	ng	0.00
5) Phenol-d6	6.84	99	929	0.10	ng	0.00
8) Nitrobenzene-d5	8.79	82	2641	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	6467	0.40	ng	-0.02
14) 2,4,6-Tribromophenol	15.76	330	1491	0.47	ng	-0.03
15) 2-Fluorobiphenyl	12.86	172	10078	0.40	ng	-0.02
25) Fluoranthene-d10	19.06	212	18521	0.43	ng	-0.02
29) Terphenyl-d14	19.66	244	15830	0.47	ng	-0.02

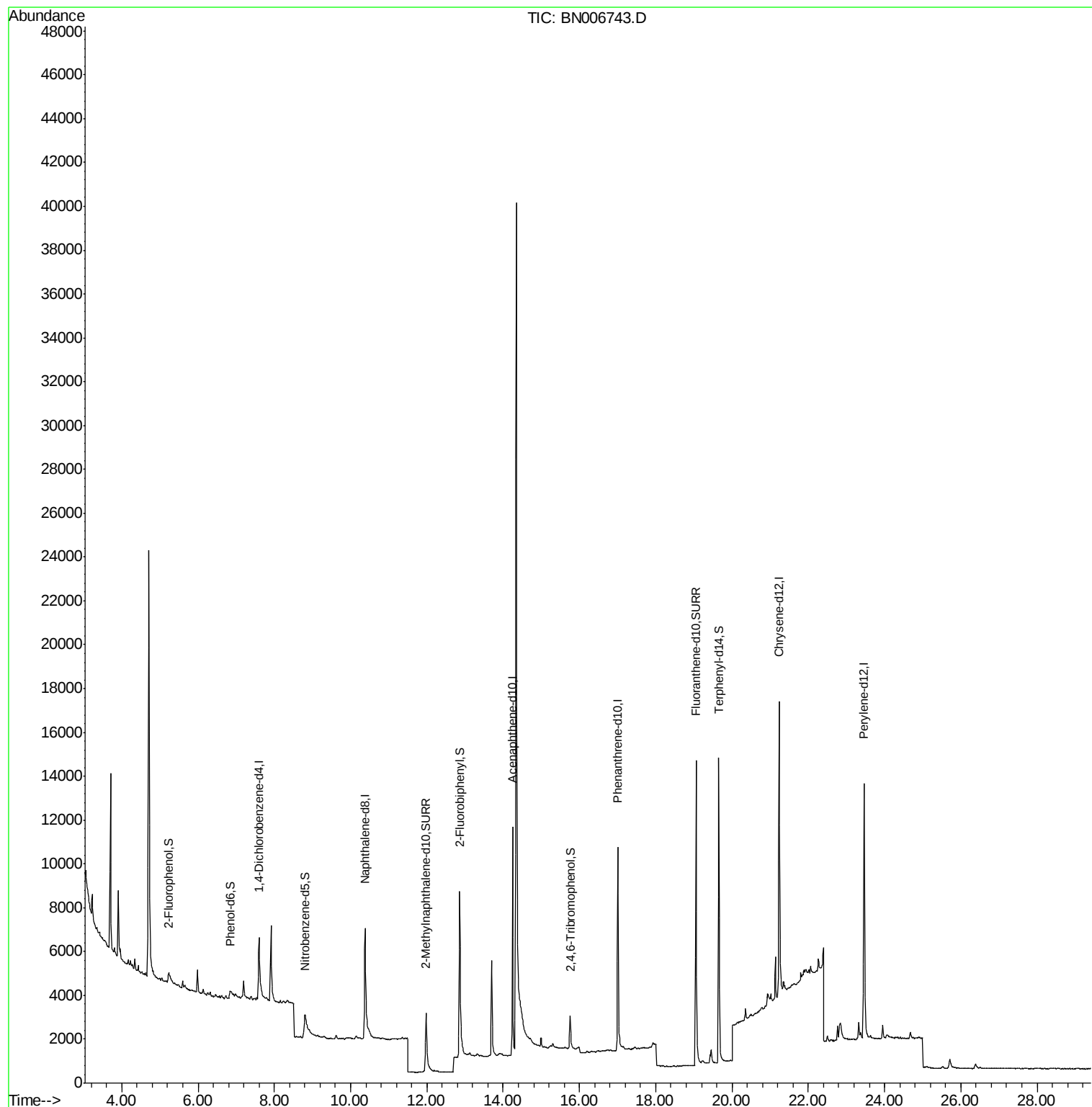
Target Compounds Qvalue

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

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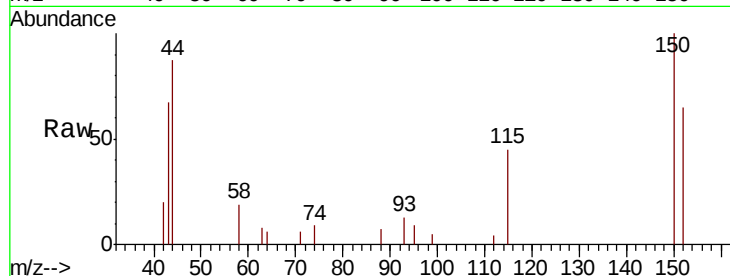


#1

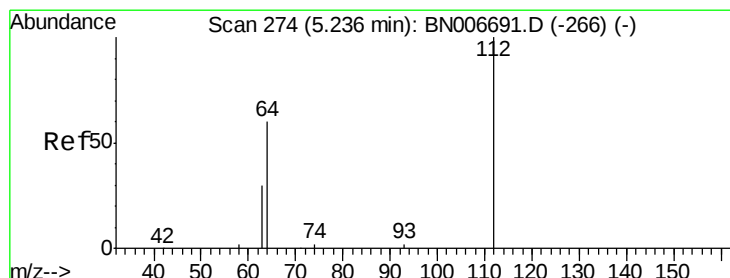
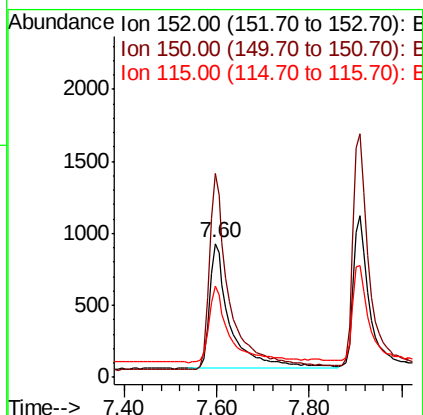
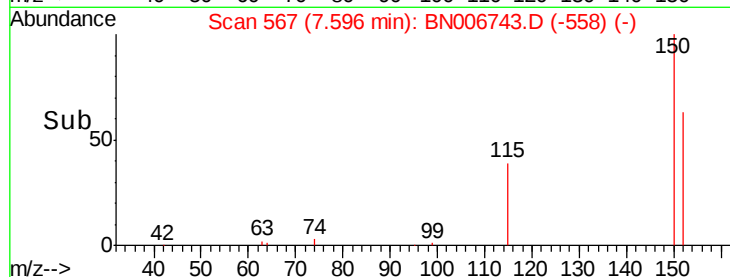
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006743.D
Acq: 06 Jul 2019 07:37

Instrument :
BNA_N
ClientSampleId :
MWHR2-9-070219

Tot Ion:152 Resp: 2770
Ion Ratio Lower Upper
152 100
150 153.2 120.6 181.0
115 68.6 51.0 76.6



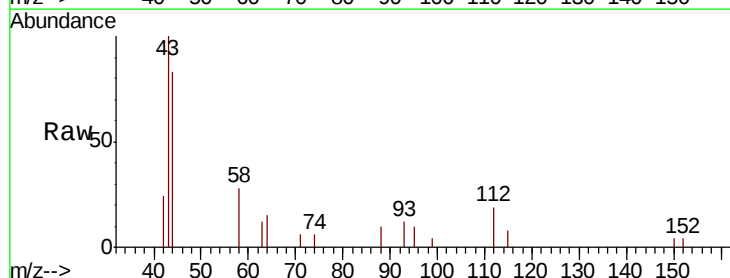
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



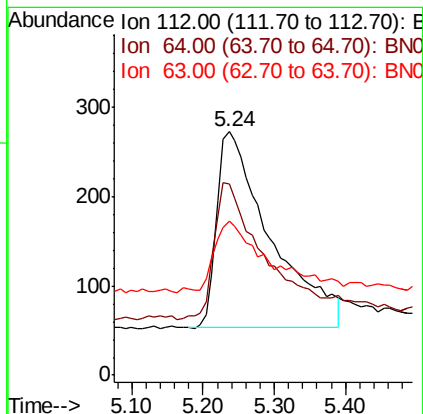
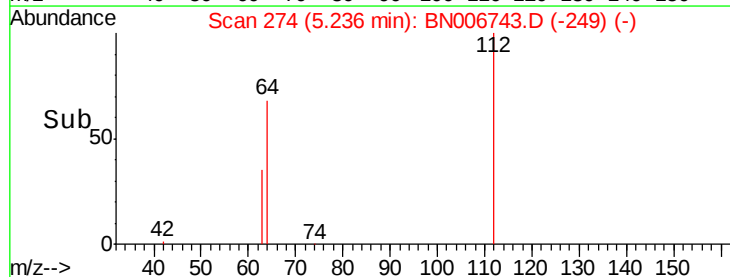
#4

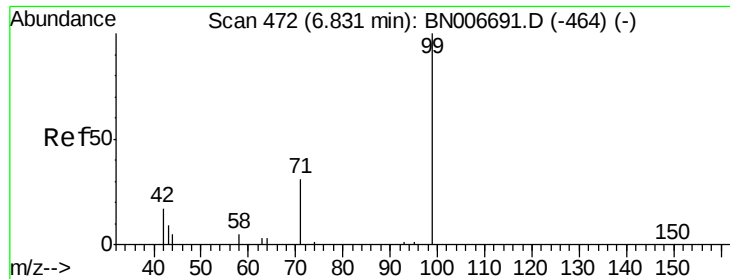
2-Fluorophenol
Concen: 0.154 ng
RT: 5.24 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN006743.D
Acq: 06 Jul 2019 07:37

Tgt Ion:112 Resp: 1160
Ion Ratio Lower Upper
112 100
64 64.7 49.8 74.6
63 34.2 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: 0.098 ng

RT: 6.84 min Scan# 473

Delta R.T. 0.01 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

Instrument :

BNA_N

ClientSampleId :

MWHR2-9-070219

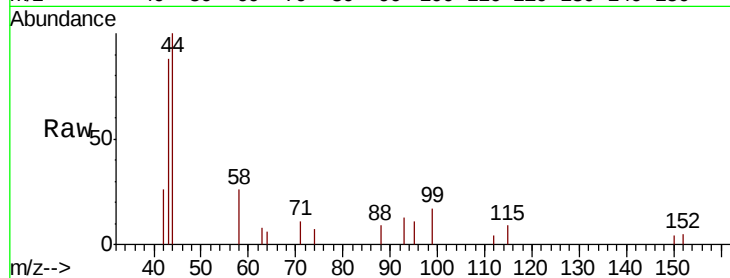
Tot Ion: 99 Resp: 929

Ion Ratio Lower Upper

99 100

42 31.1 16.6 25.0#

71 29.0 26.0 39.0

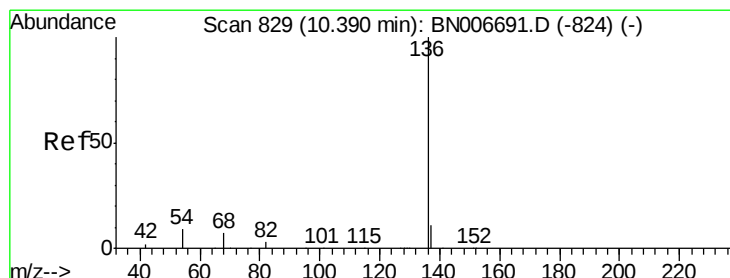
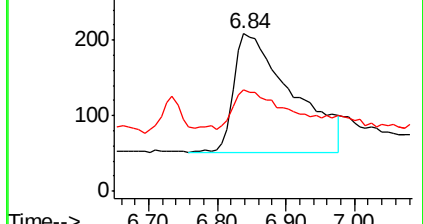
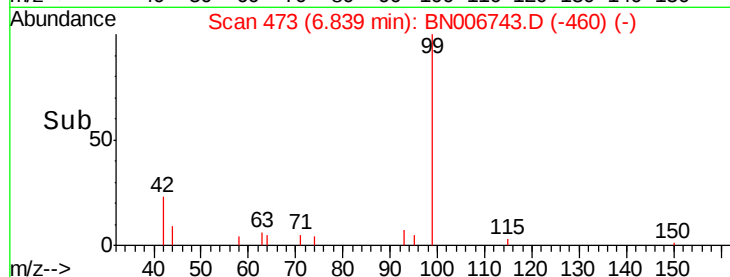


Abundance Ion 99.00 (98.70 to 99.70): BN006691.D (-464) (-)

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: BN006743.D

Acq: 06 Jul 2019 07:37

Tgt Ion: 136 Resp: 10708

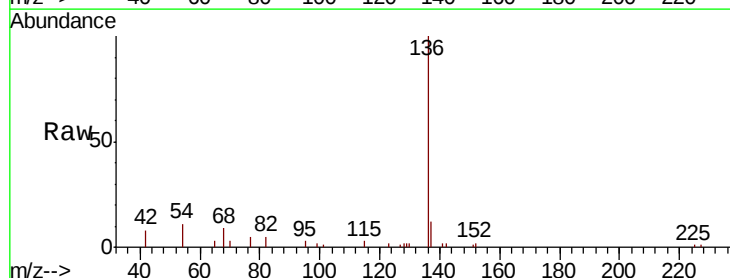
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 10.8 8.4 12.6

68 8.7 6.8 10.2



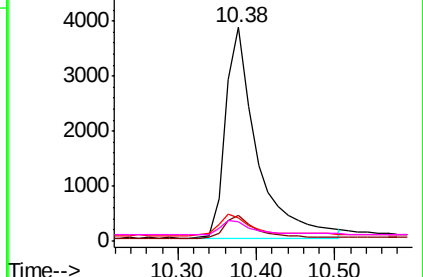
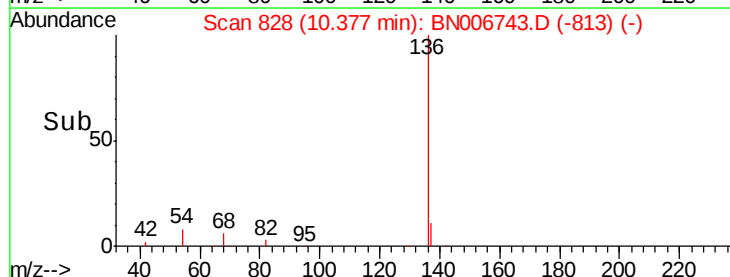
Abundance Ion 136.00 (135.70 to 136.70): BN006691.D (-824) (-)

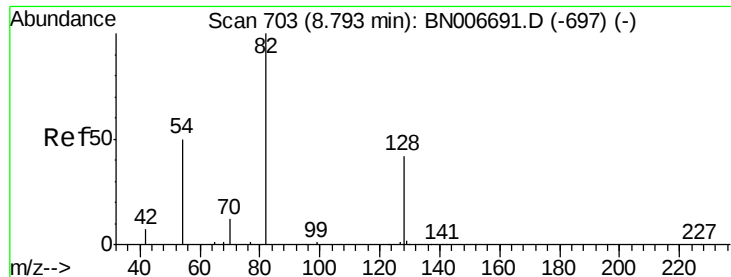
Ion 137.00 (136.70 to 137.70): BN006691.D (-824) (-)

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: 0.322 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

Instrument :

BNA_N

ClientSampleId :

MWHR2-9-070219

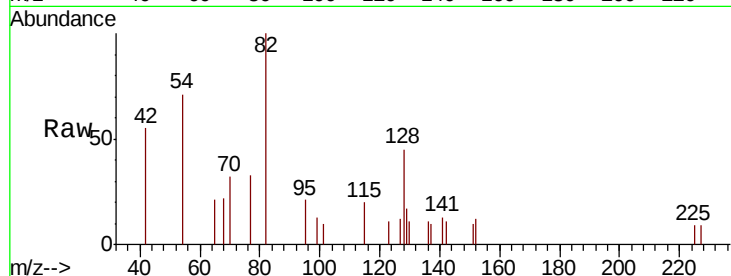
Tot Ion: 82 Resp: 2641

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

54 71.0 44.5 66.7#

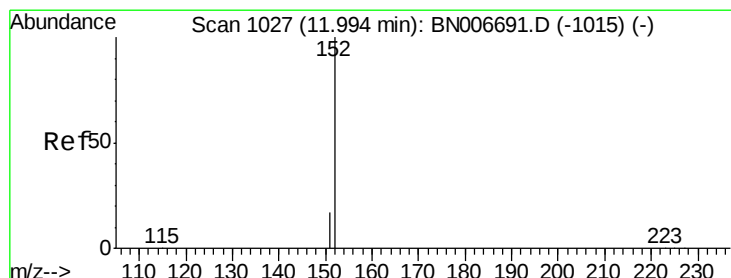
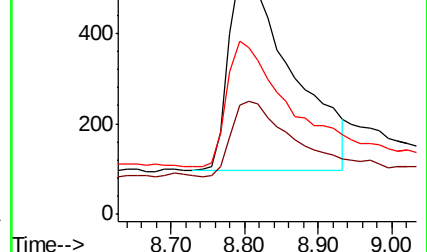
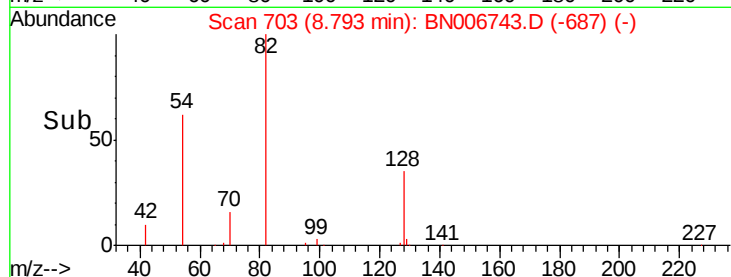


Abundance Ion 82.00 (81.70 to 82.70): BN006691.D (-697) (-)

Ion 128.00 (127.70 to 128.70): BN006691.D (-697) (-)

Ion 54.00 (53.70 to 54.70): BN006691.D (-697) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 11.98 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BN006743.D

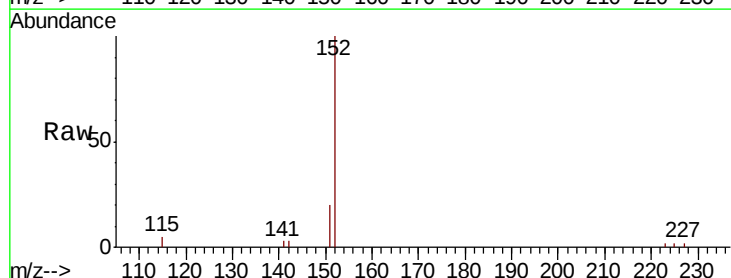
Acq: 06 Jul 2019 07:37

Tgt Ion: 152 Resp: 6467

Ion Ratio Lower Upper

152 100

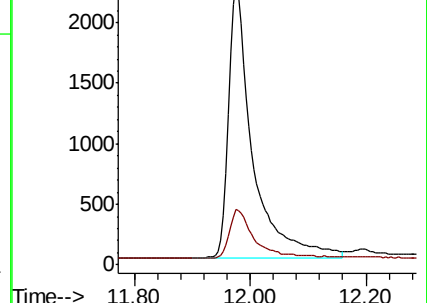
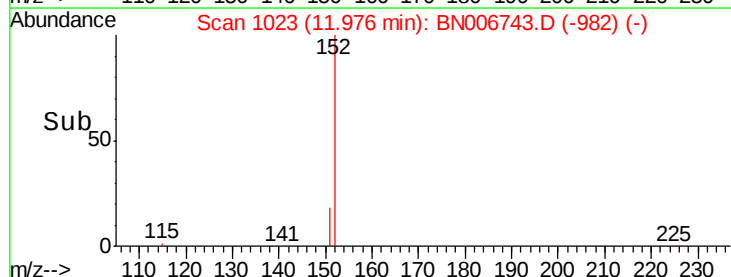
151 18.8 14.9 22.3

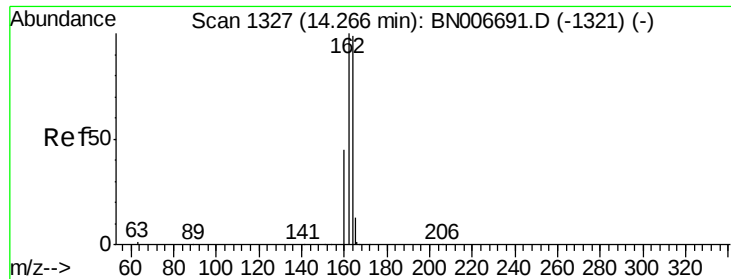


Abundance Ion 152.00 (151.70 to 152.70): BN006691.D (-1015) (-)

Ion 151.00 (150.70 to 151.70): BN006691.D (-1015) (-)

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

Instrument :

BNA_N

ClientSampleId :

MWHR2-9-070219

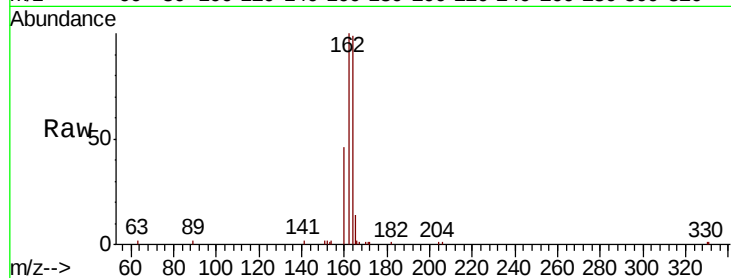
Tot Ion:164 Resp: 6447

Ion Ratio Lower Upper

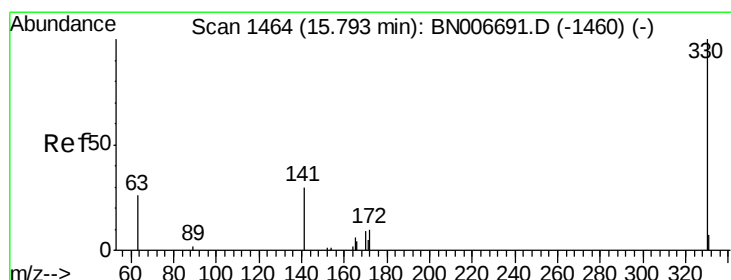
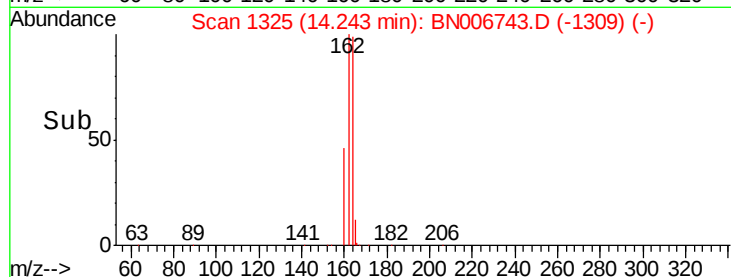
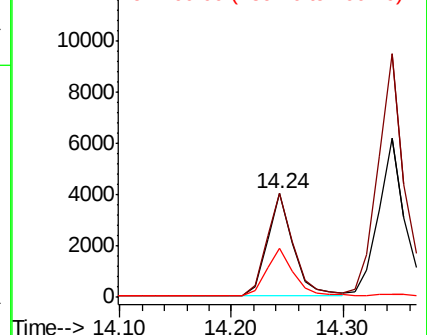
164 100

162 101.1 80.8 121.2

160 47.0 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: 0.471 ng

RT: 15.76 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

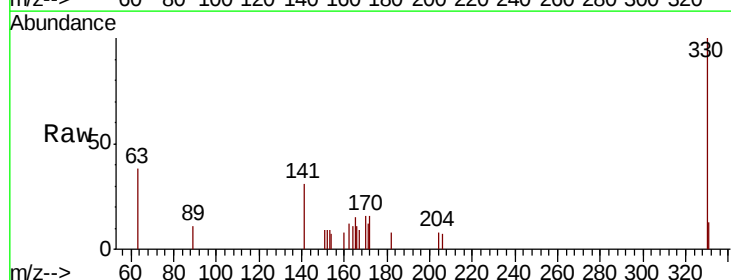
Tgt Ion:330 Resp: 1491

Ion Ratio Lower Upper

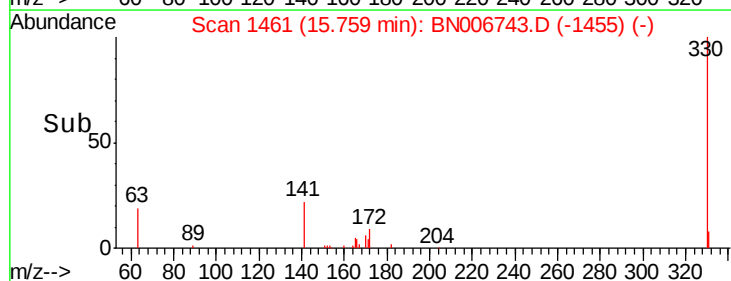
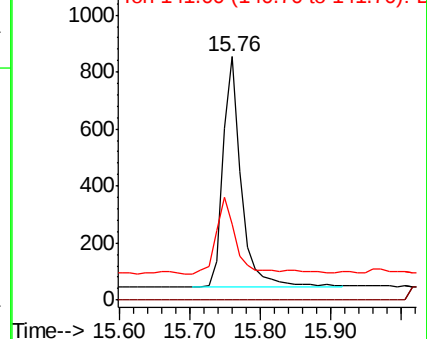
330 100

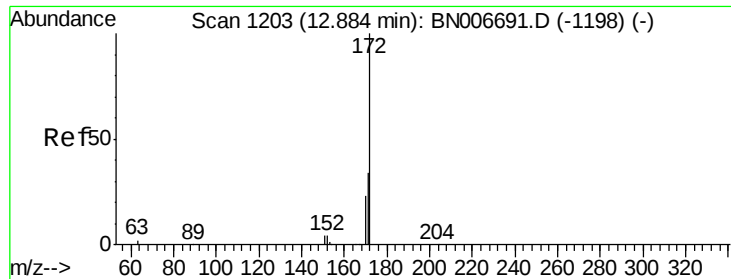
332 0.0 0.0 0.0

141 34.2 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

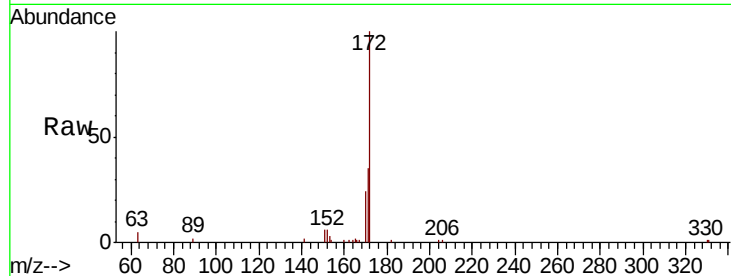




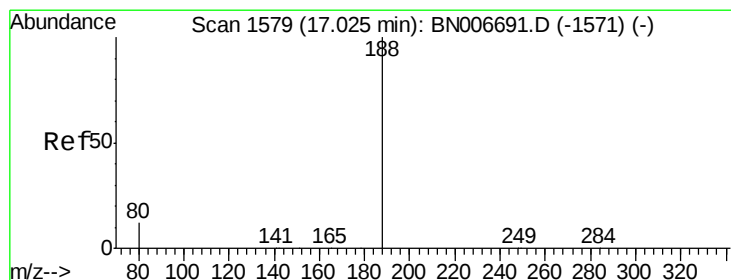
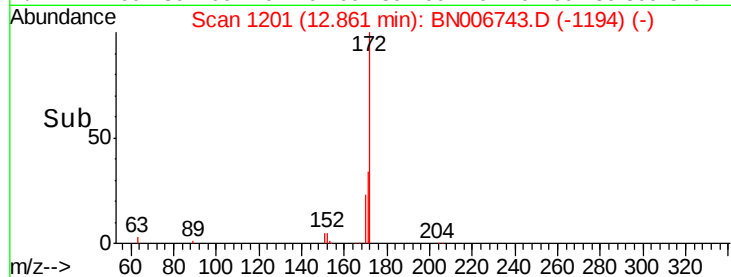
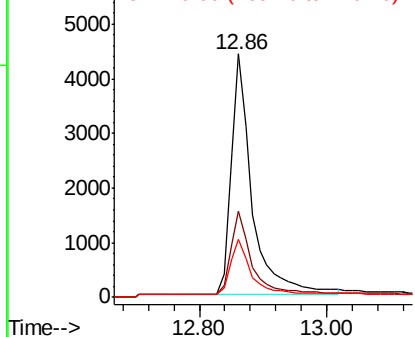
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006743.D
Acq: 06 Jul 2019 07:37

Instrument :
BNA_N
ClientSampleId :
MWHR2-9-070219

Tot Ion:172 Resp: 10078
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.6 18.9 28.3

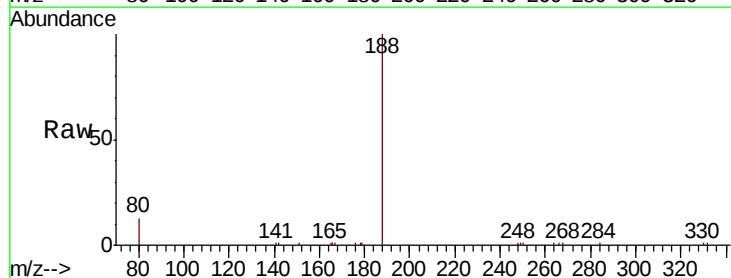


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

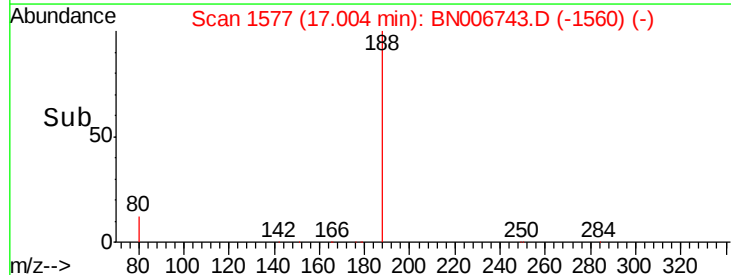
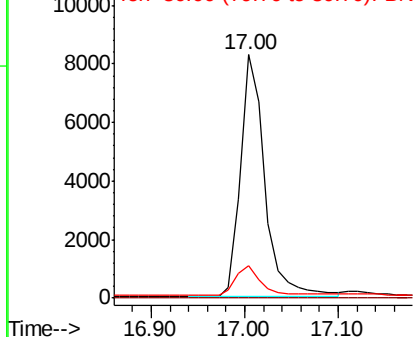


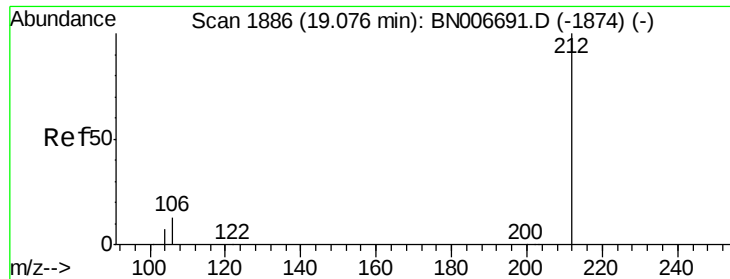
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006743.D
Acq: 06 Jul 2019 07:37

Tgt Ion:188 Resp: 14942
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 10.3 15.5



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: 0.433 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

Instrument :

BNA_N

ClientSampleId :

MWHR2-9-070219

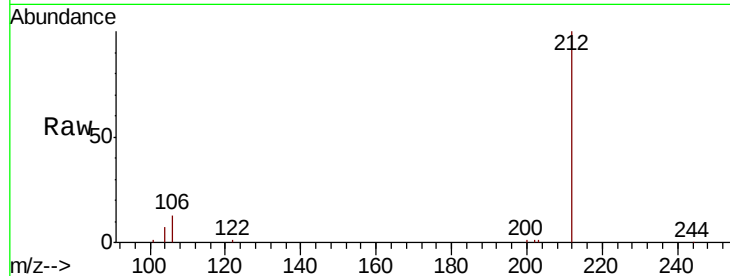
Tot Ion:212 Resp: 18521

Ion Ratio Lower Upper

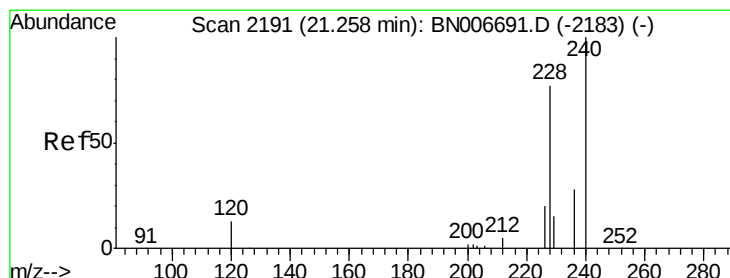
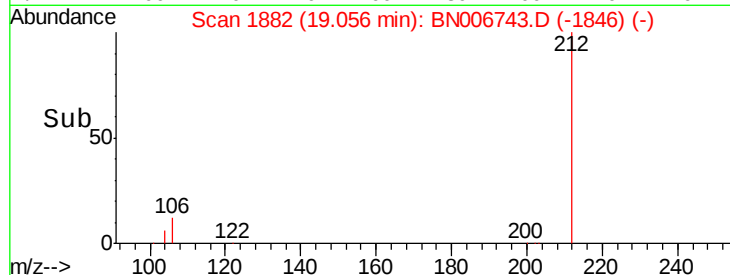
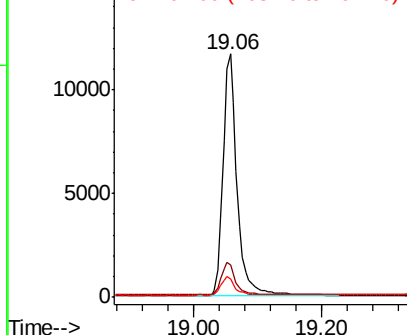
212 100

106 13.2 11.0 16.6

104 7.5 6.1 9.1



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: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

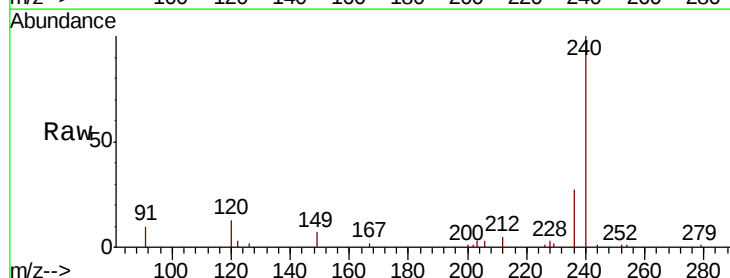
Tgt Ion:240 Resp: 14597

Ion Ratio Lower Upper

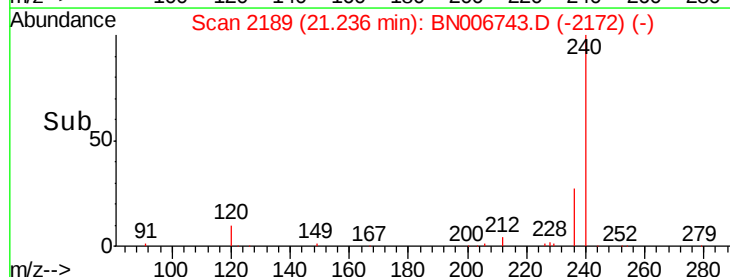
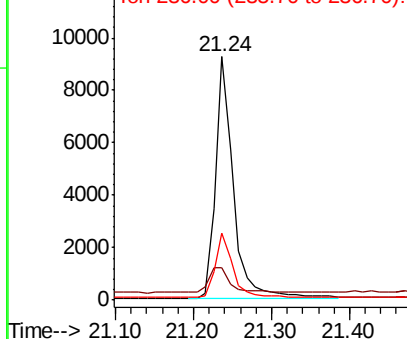
240 100

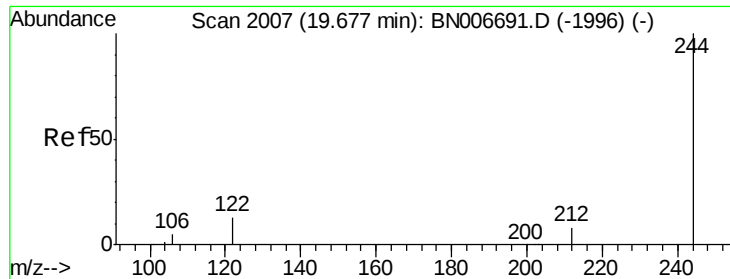
120 13.4 12.9 19.3

236 27.5 23.2 34.8



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: 0.471 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

Instrument :

BNA_N

ClientSampleId :

MWHR2-9-070219

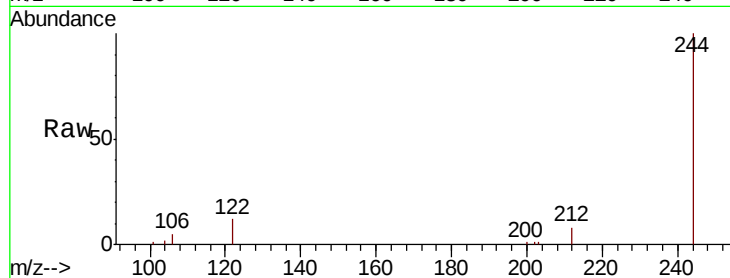
Tot Ion:244 Resp: 15830

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.4

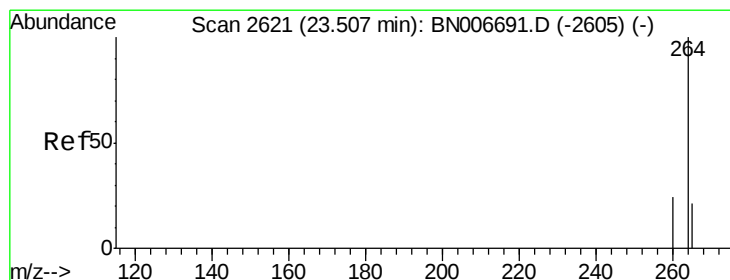
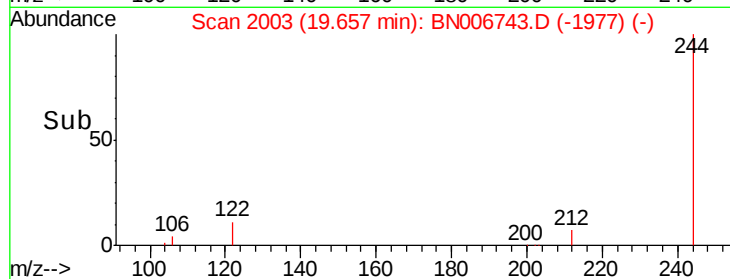
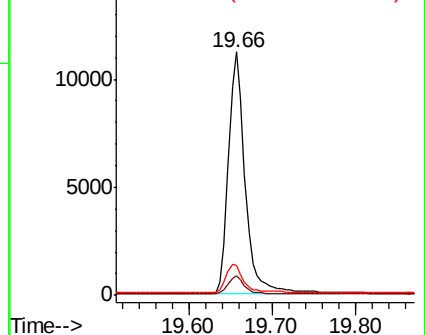
122 12.4 11.5 17.3



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: 23.47 min Scan# 2609

Delta R.T. -0.04 min

Lab File: BN006743.D

Acq: 06 Jul 2019 07:37

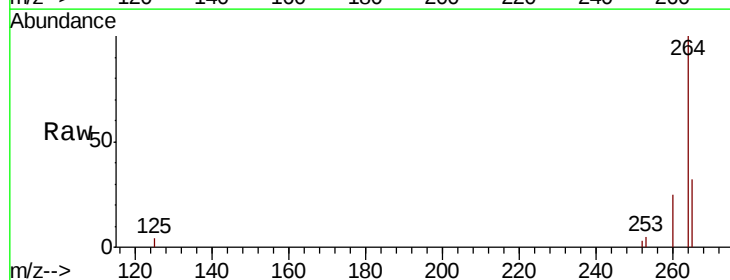
Tgt Ion:264 Resp: 16923

Ion Ratio Lower Upper

264 100

260 24.8 20.2 30.2

265 32.0 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

