

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006713.D
 Acq On : 05 Jul 2019 13:40
 Operator : HP/JU
 Sample : K3543-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW202D1-GW-20190625

Quant Time: Jul 05 23:13:02 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

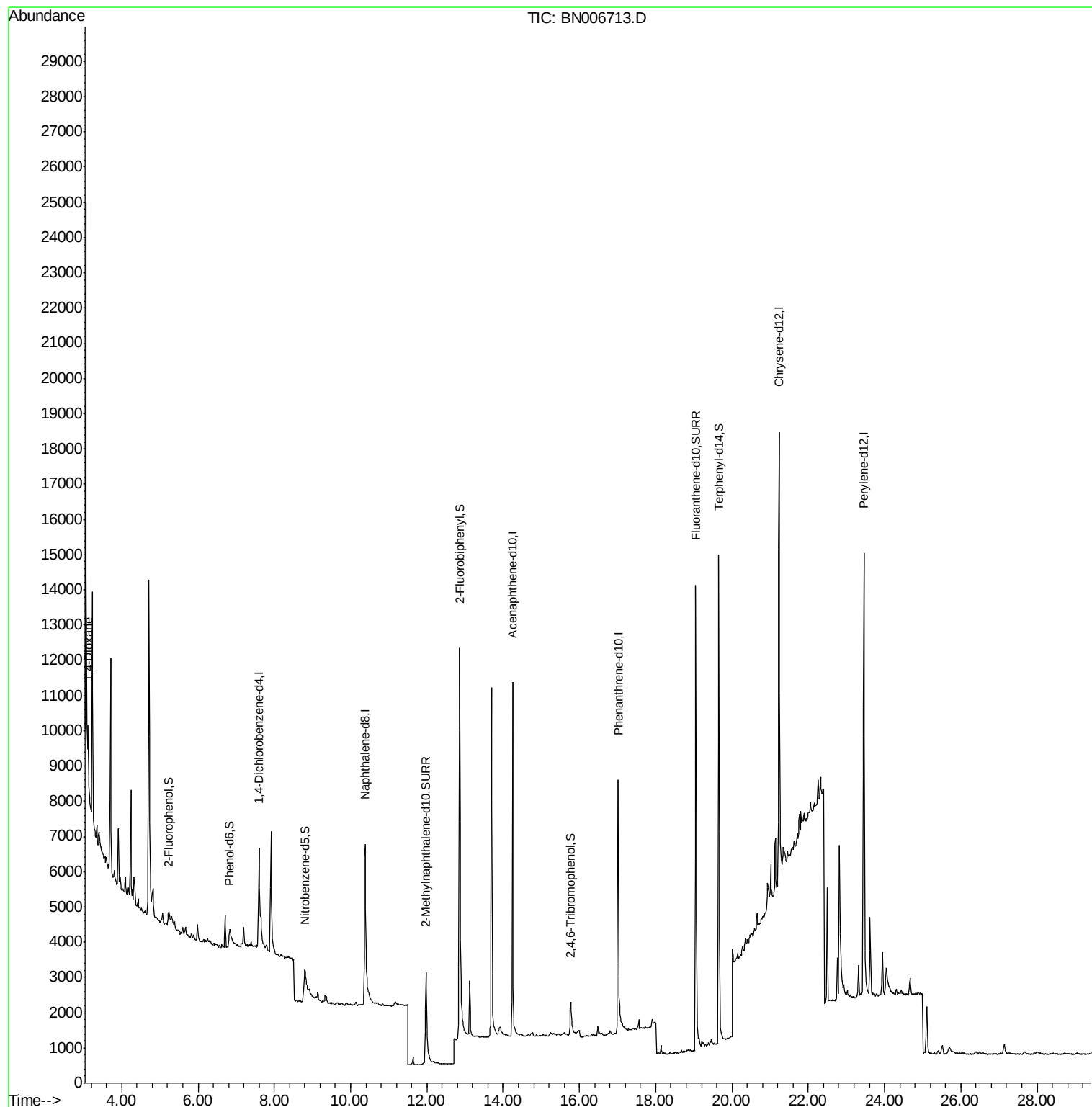
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2533	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	10046	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6294	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	14708	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	14800	0.40	ng	-0.02
34) Perylene-d12	23.46	264	17326	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1009	0.15	ng	0.00
5) Phenol-d6	6.82	99	820	0.09	ng	0.00
8) Nitrobenzene-d5	8.79	82	2376	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	6255	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	1252	0.40	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	14331	0.58	ng	-0.02
25) Fluoranthene-d10	19.06	212	18372	0.44	ng	-0.02
29) Terphenyl-d14	19.66	244	16181	0.47	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.12	88	956	0.242	ng	Qvalue # 46

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

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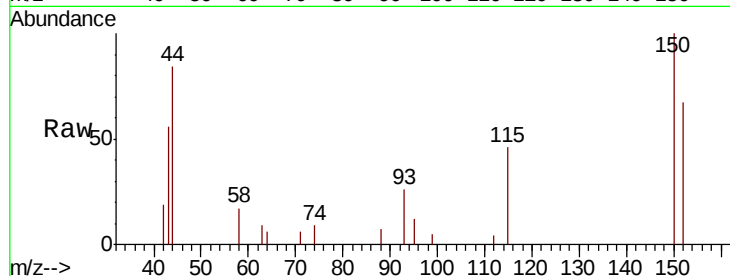


#1

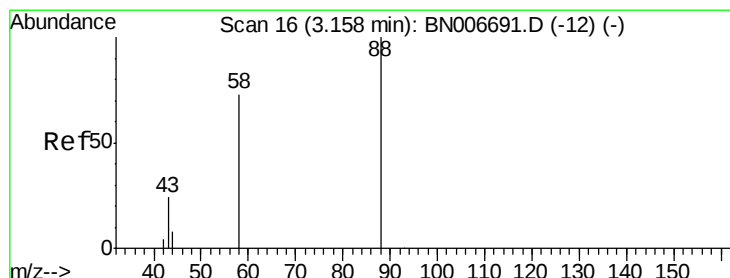
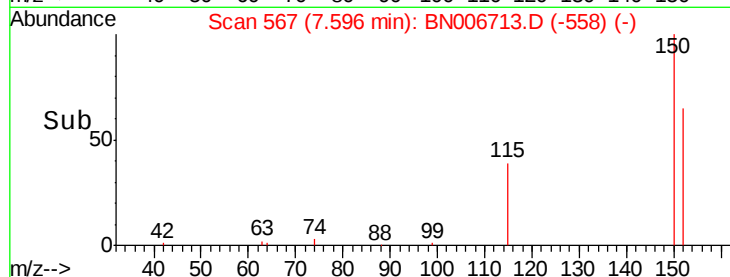
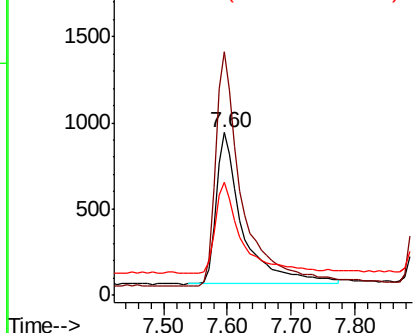
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tot Ion: 152 Resp: 2533
Ion Ratio Lower Upper
152 100
150 149.8 120.6 181.0
115 69.5 51.0 76.6



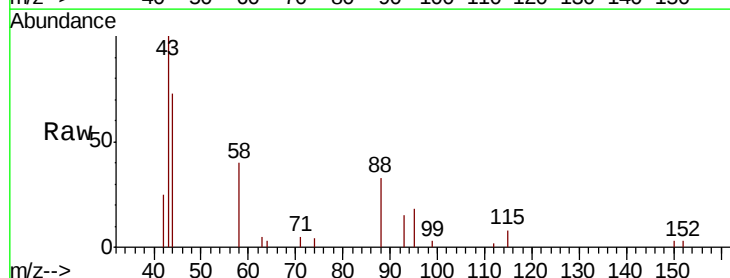
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



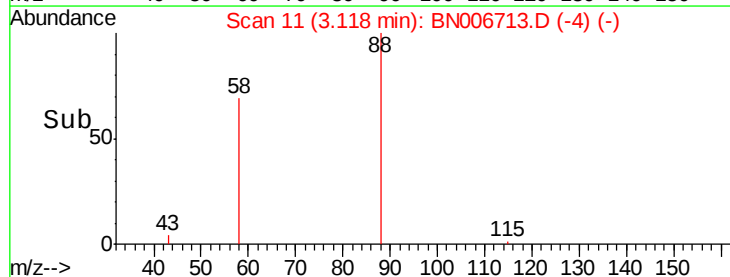
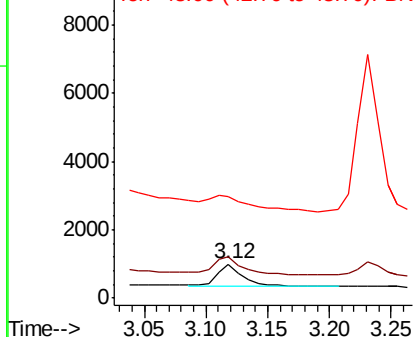
#2

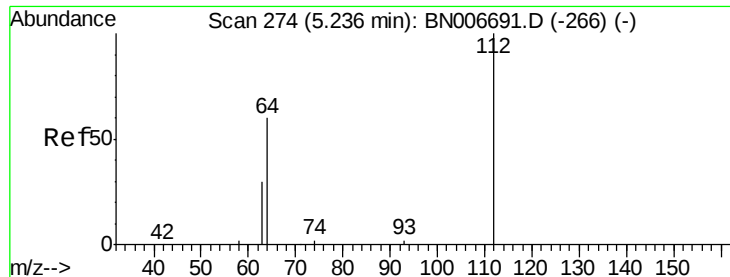
1,4-Dioxane
Concen: 0.242 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion: 88 Resp: 956
Ion Ratio Lower Upper
88 100
58 92.4 61.1 91.7#
43 115.1 32.4 48.6#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.147 ng

RT: 5.24 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

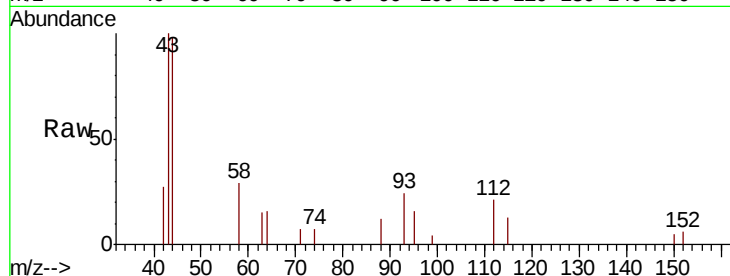
Tot Ion:112 Resp: 1009

Ion Ratio Lower Upper

112 100

64 67.7 49.8 74.6

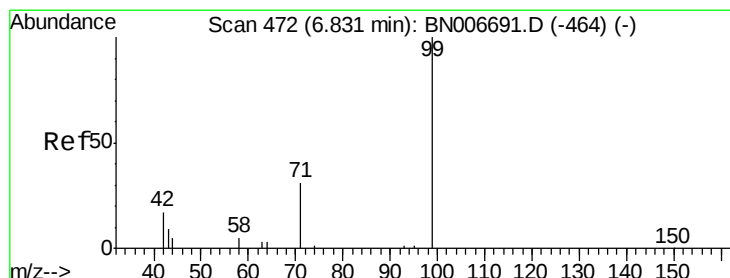
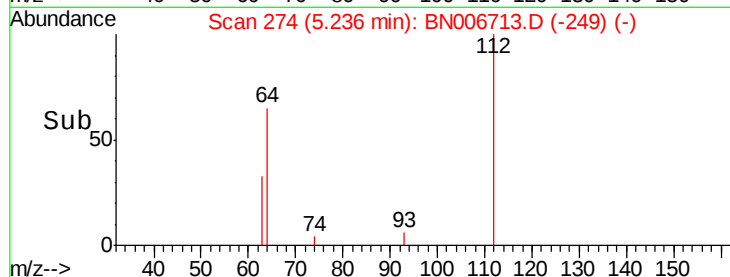
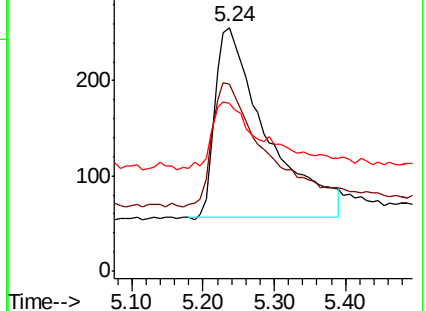
63 36.7 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.094 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

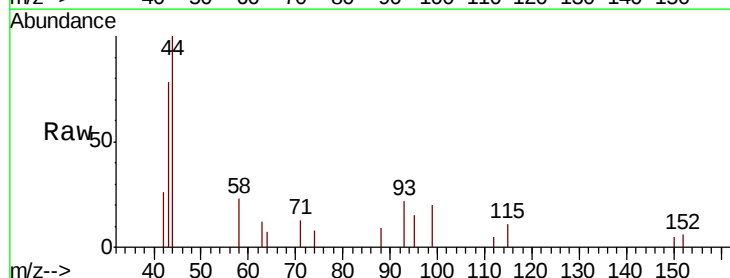
Tgt Ion: 99 Resp: 820

Ion Ratio Lower Upper

99 100

42 15.7 16.6 25.0#

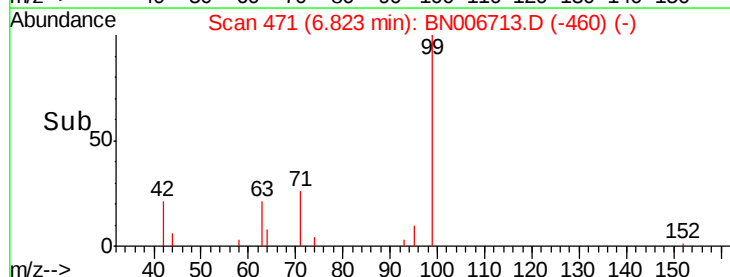
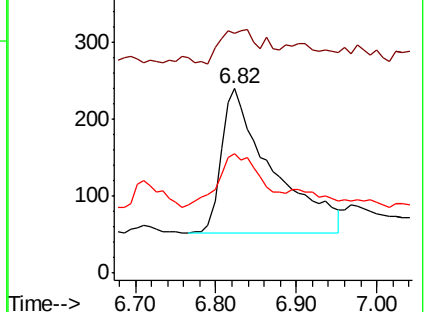
71 31.6 26.0 39.0

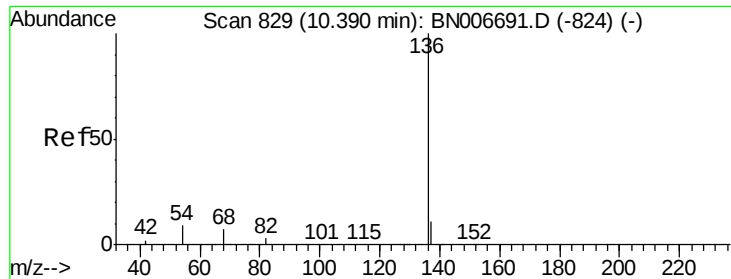


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

Tot Ion:136 Resp: 10046

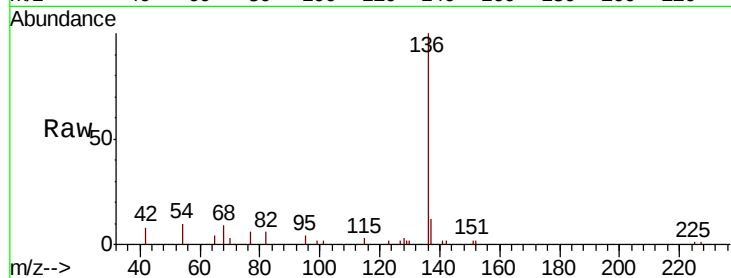
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 10.5 8.4 12.6

68 9.5 6.8 10.2

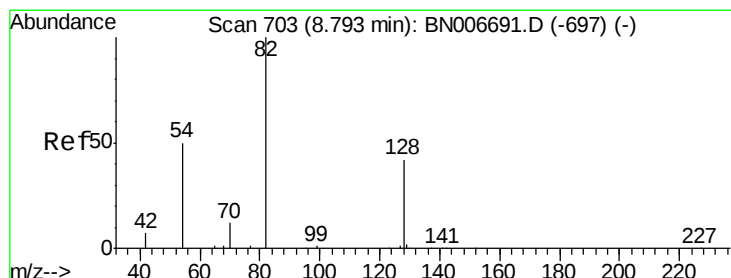
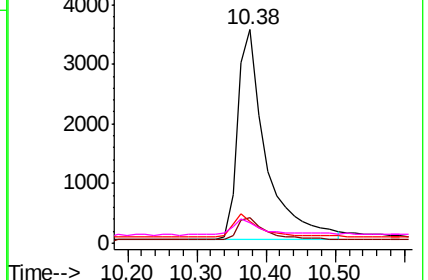
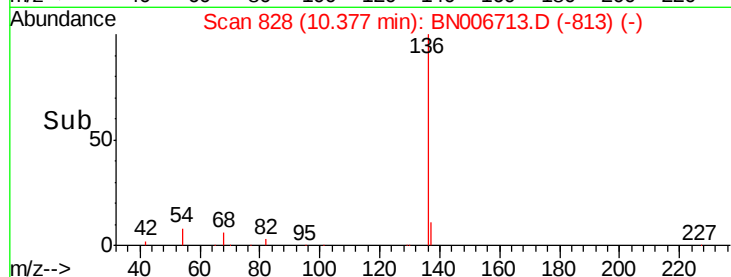


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.308 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

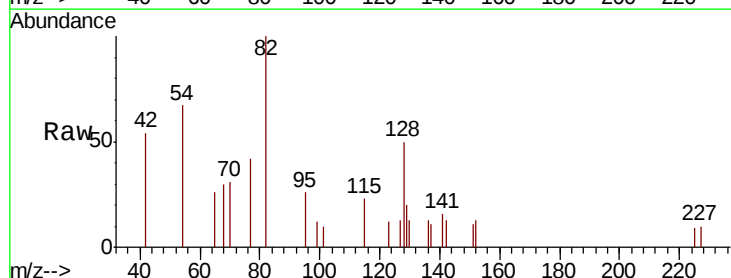
Tgt Ion: 82 Resp: 2376

Ion Ratio Lower Upper

82 100

128 50.3 36.1 54.1

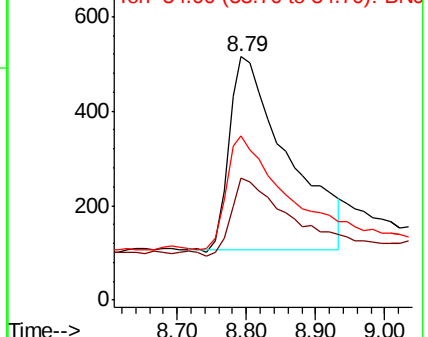
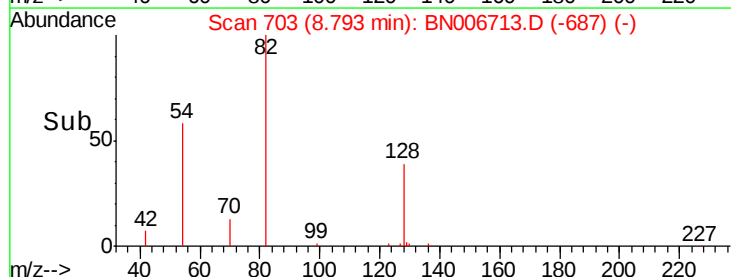
54 67.4 44.5 66.7#

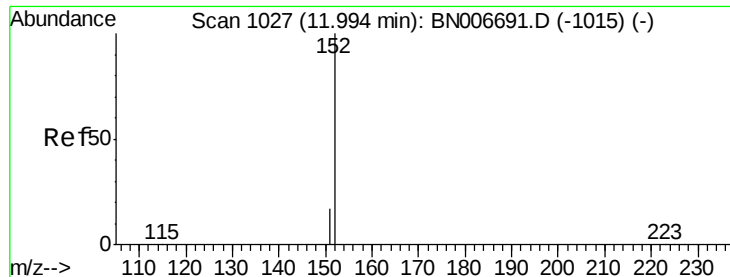


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

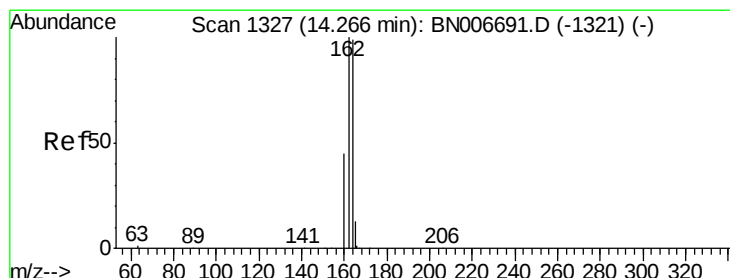
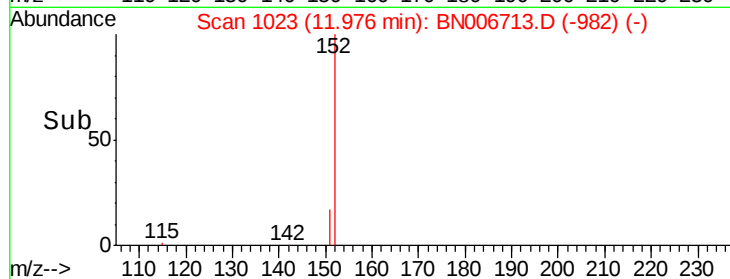
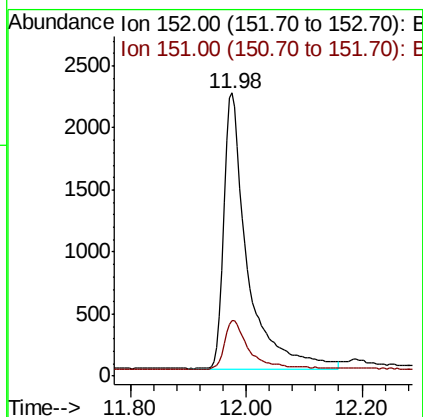
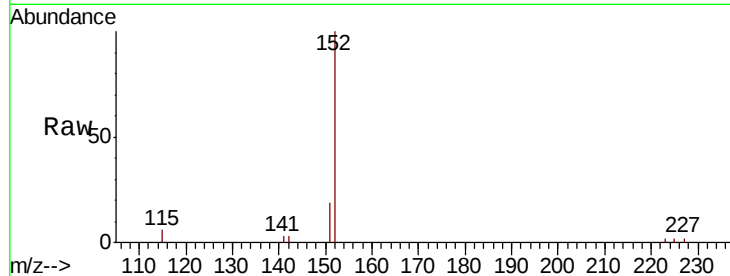




#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

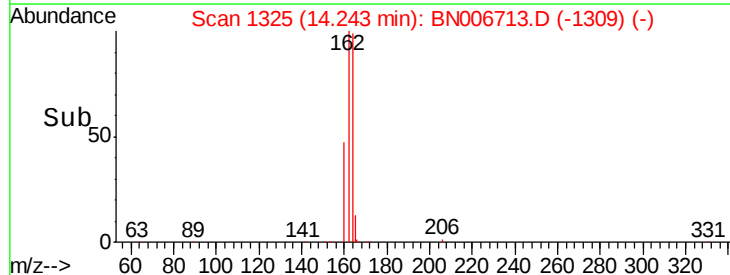
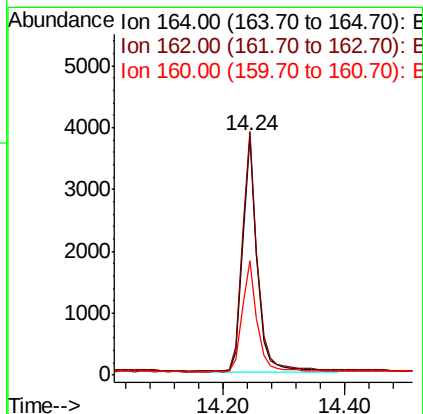
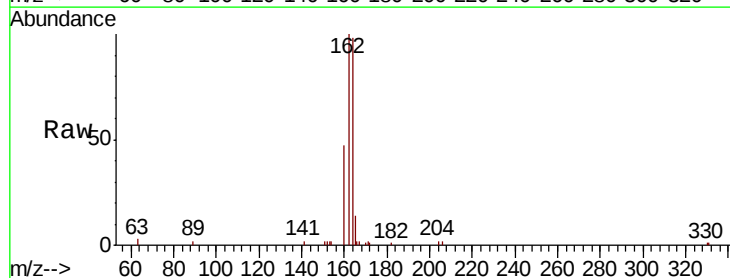
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

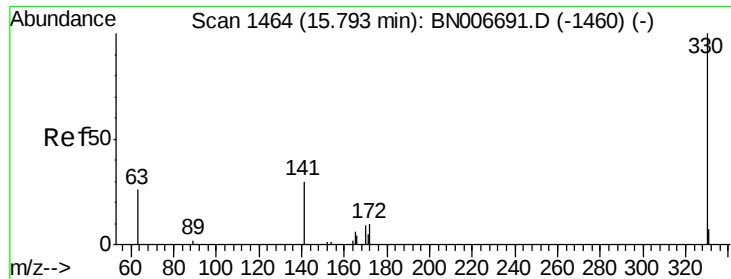
Tot Ion:152 Resp: 6255
Ion Ratio Lower Upper
152 100
151 18.8 14.9 22.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:164 Resp: 6294
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 47.9 37.0 55.6

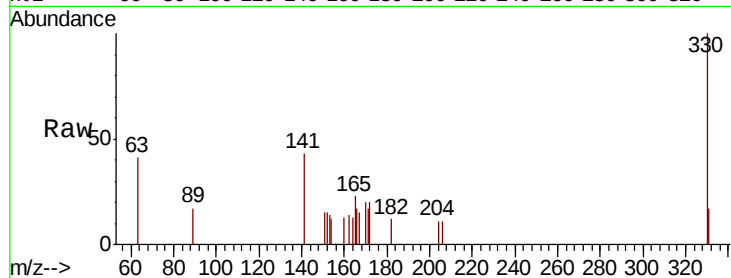




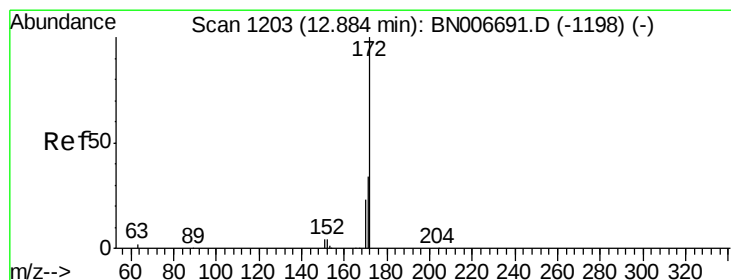
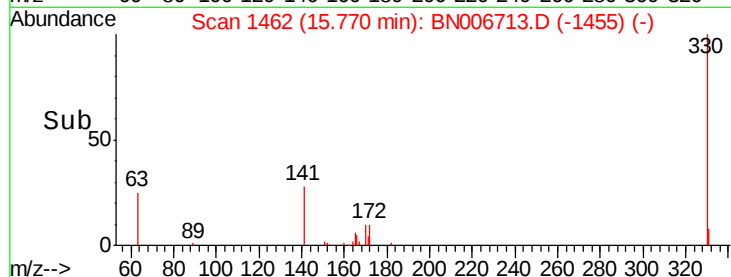
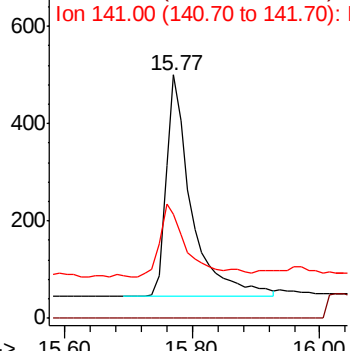
#14
2,4,6-Tribromophenol
Concen: 0.405 ng
RT: 15.77 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tot Ion:330 Resp: 1252
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.7 24.8 37.2

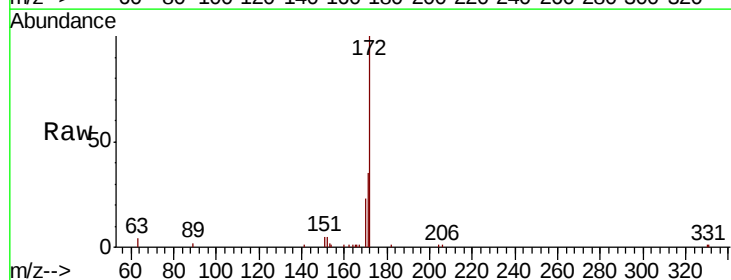


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

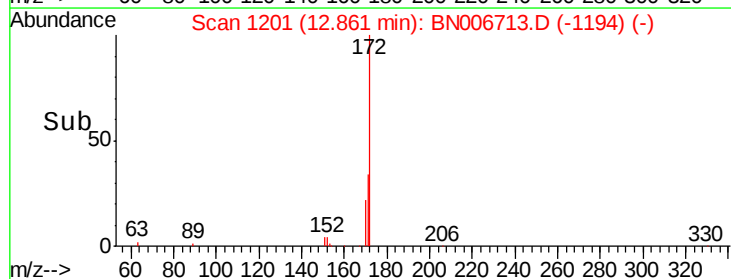
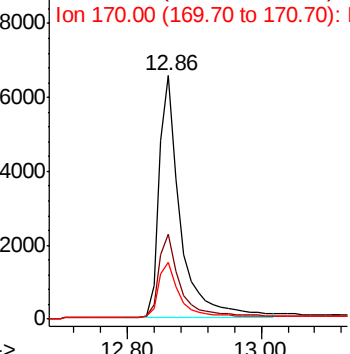


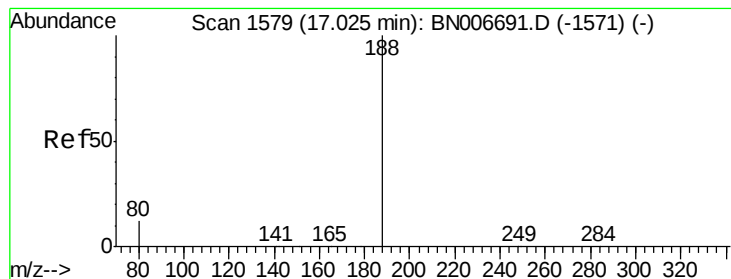
#15
2-Fluorobiphenyl
Concen: 0.582 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:172 Resp: 14331
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.1 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: 17.01 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

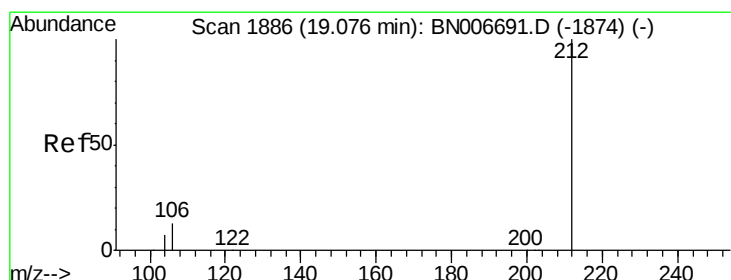
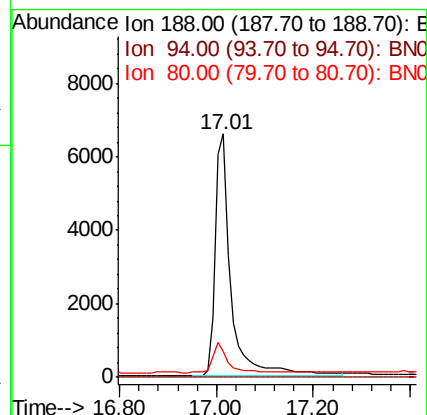
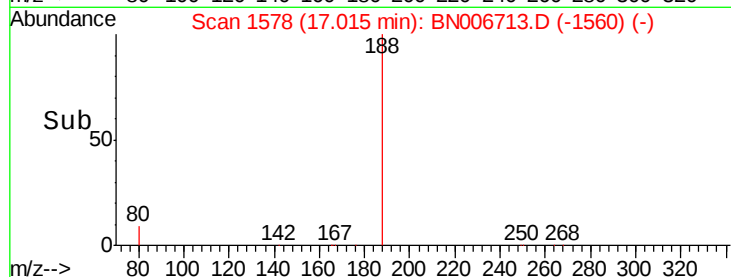
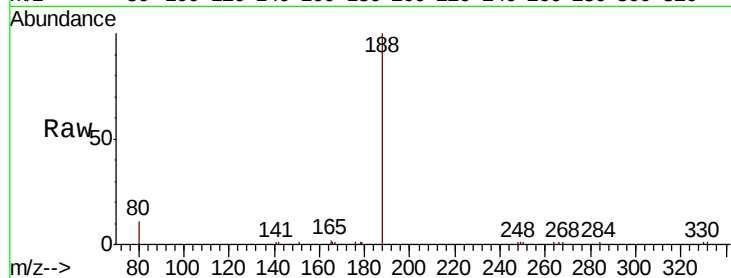
Tot Ion:188 Resp: 14708

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 10.3 15.5



#25

Fluoranthene-d10

Concen: 0.437 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

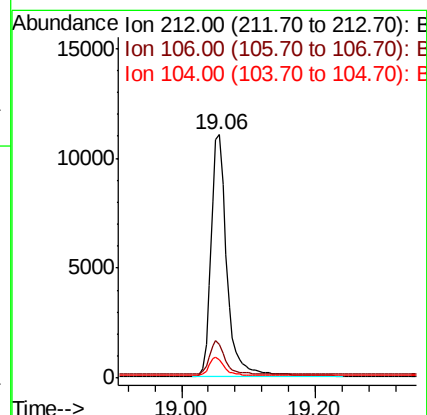
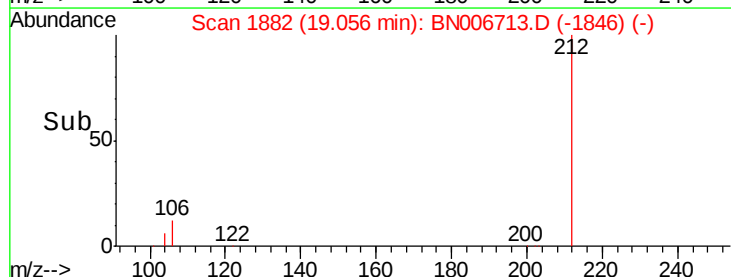
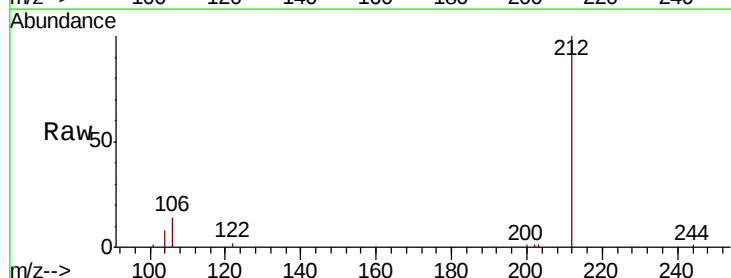
Tgt Ion:212 Resp: 18372

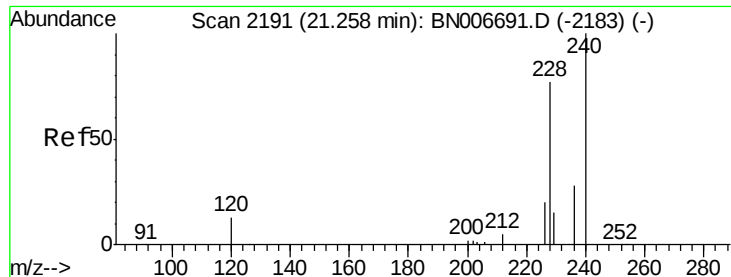
Ion Ratio Lower Upper

212 100

106 13.2 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: BN006713.D

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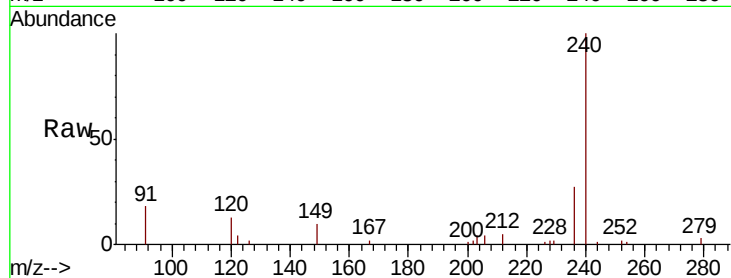
Tot Ion:240 Resp: 14800

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

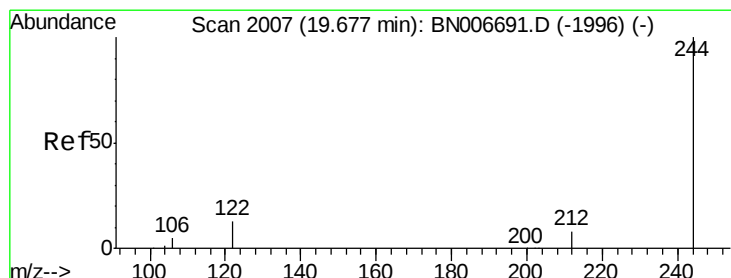
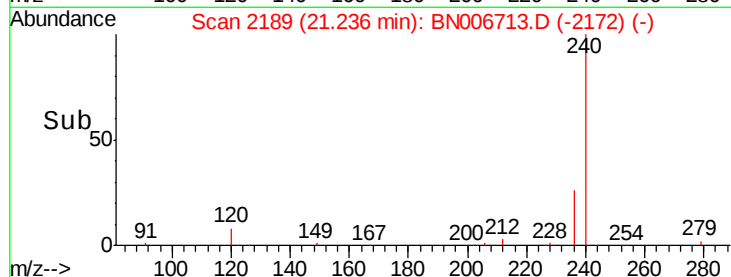
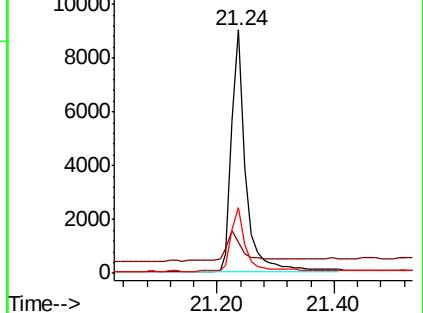
236 26.7 23.2 34.8



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: 0.475 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

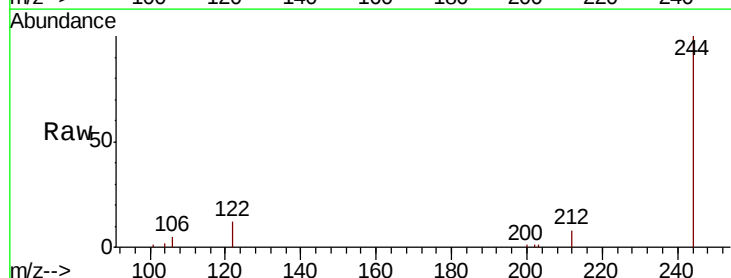
Tgt Ion:244 Resp: 16181

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.4

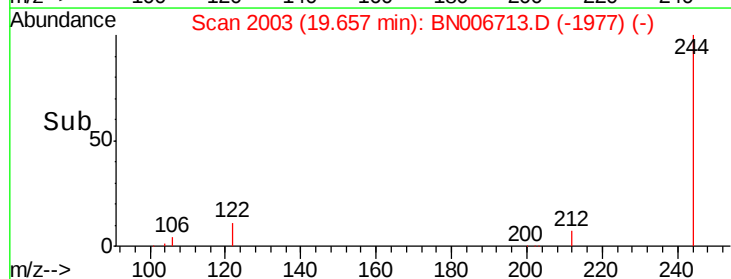
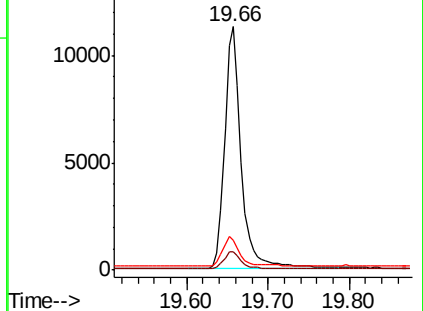
122 12.4 11.5 17.3

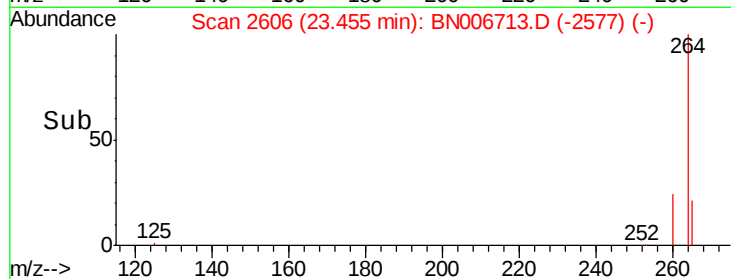
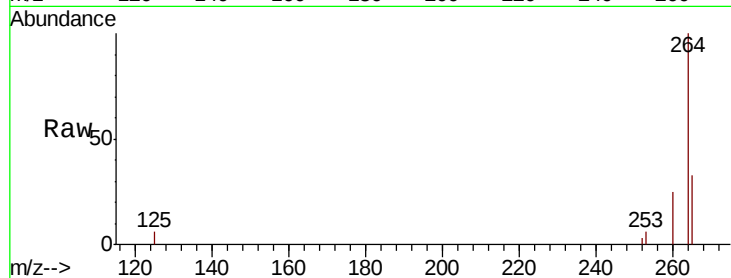
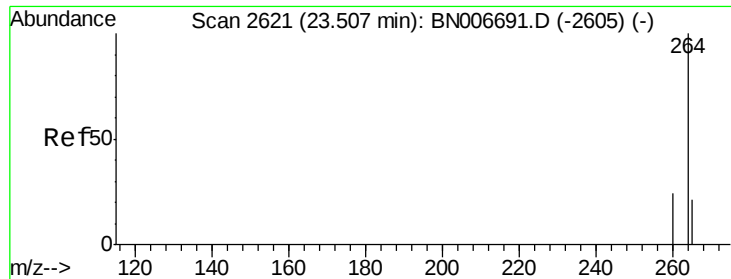


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2606

Delta R.T. -0.05 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

Tot Ion:264 Resp: 17326

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

265 33.1 33.7 50.5#

