

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070119\
 Data File : BN006677.D
 Acq On : 02 Jul 2019 02:17
 Operator : HP/JU
 Sample : K3473-04DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-4DL

Quant Time: Jul 02 14:28:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

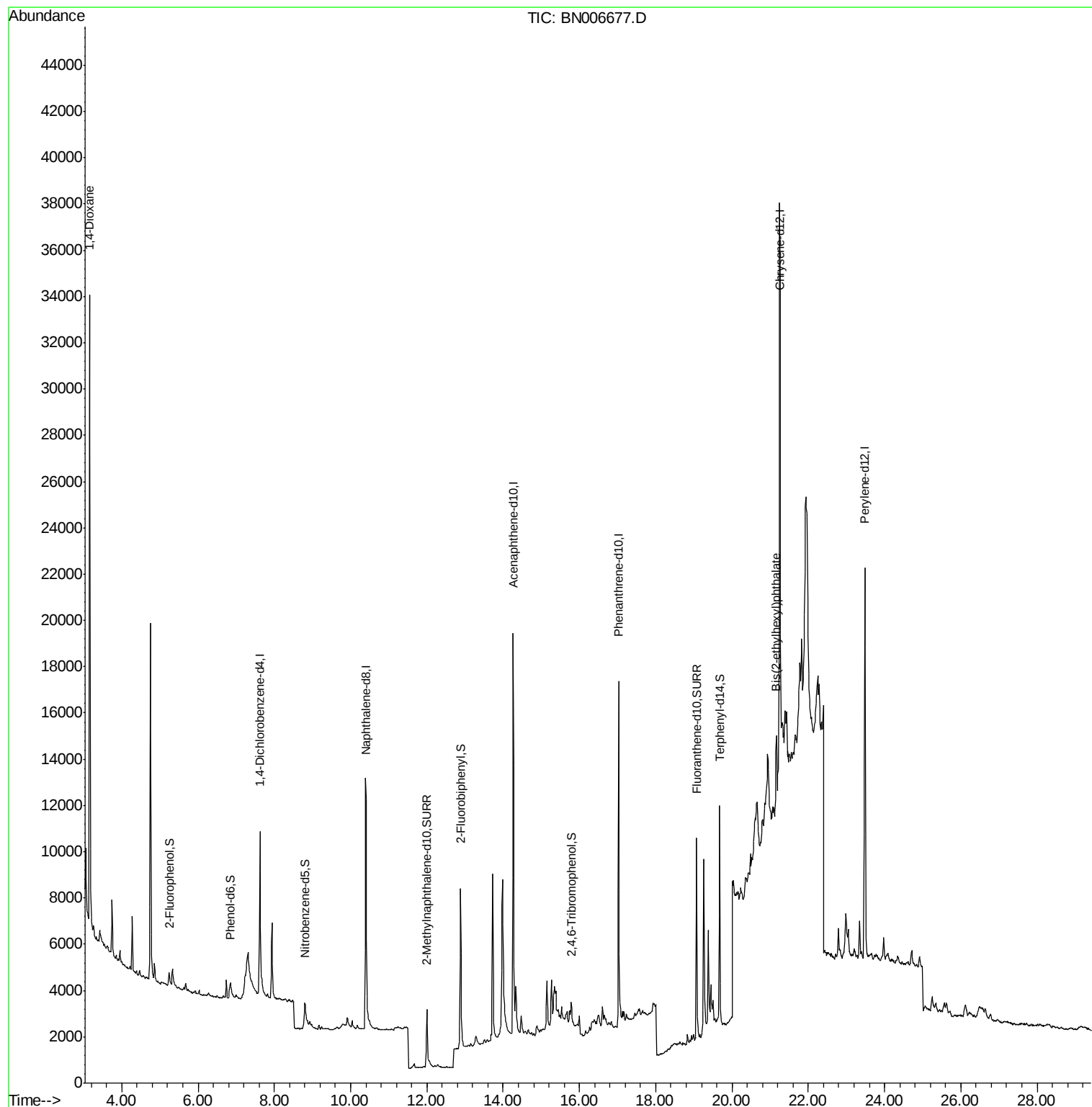
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4561	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	18406	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	10236	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	21476	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	19325	0.40	ng	-0.02
34) Perylene-d12	23.49	264	22363	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	931	0.08	ng	0.00
5) Phenol-d6	6.83	99	741	0.05	ng	0.00
8) Nitrobenzene-d5	8.79	82	2074	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	4311	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	853	0.18	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	7317	0.19	ng	-0.01
25) Fluoranthene-d10	19.08	212	10347	0.16	ng	0.00
29) Terphenyl-d14	19.68	244	9406	0.23	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.16	88	16492	2.613	ng	99
32) Bis(2-ethylhexyl)phthalate	21.16	149	2873	0.090	ng	# 90

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

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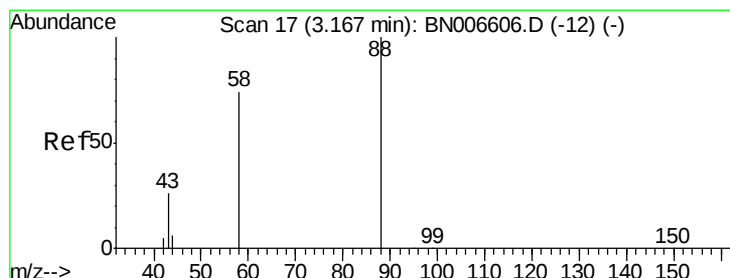
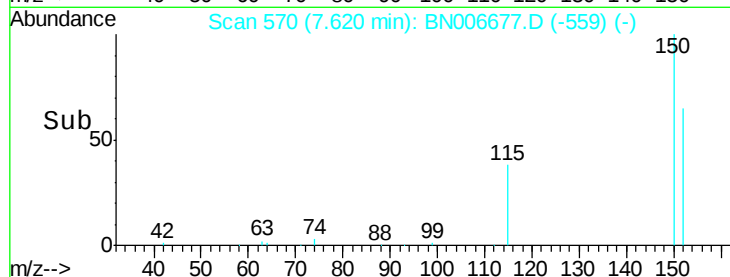
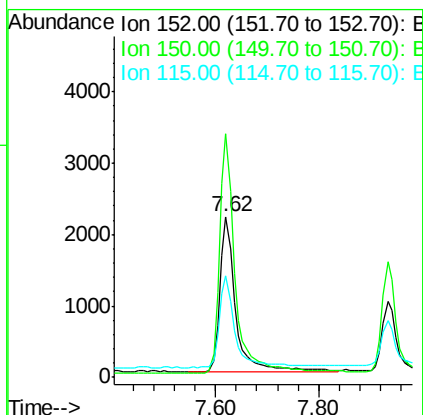
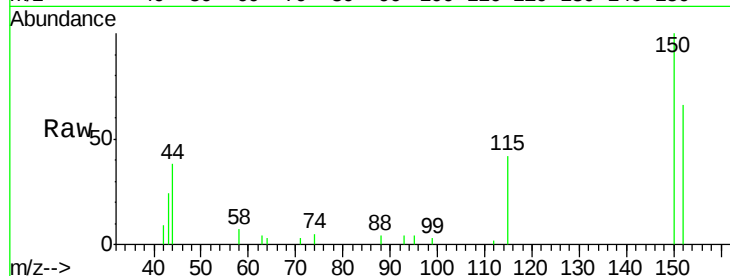


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006677.D
Acq: 02 Jul 2019 02:17

Instrument :
BNA_N
ClientSampleId :
MW-4DL

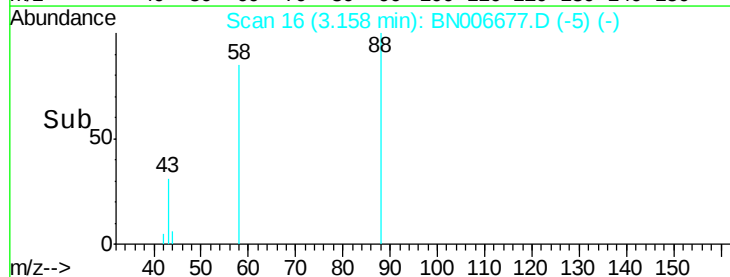
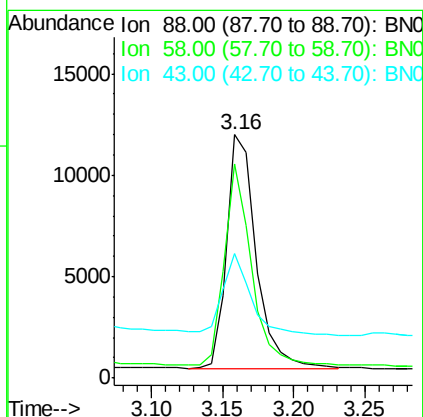
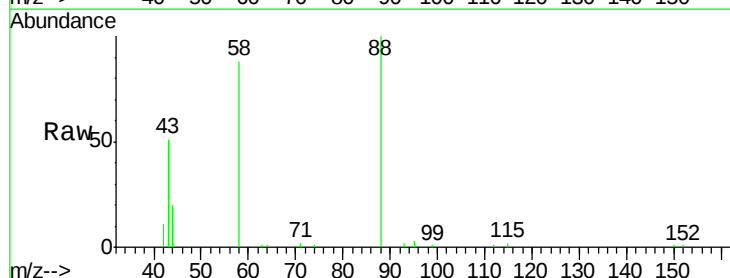
Tot Ion:152 Resp: 4561
Ion Ratio Lower Upper
152 100
150 151.7 122.2 183.2
115 63.3 50.0 75.0

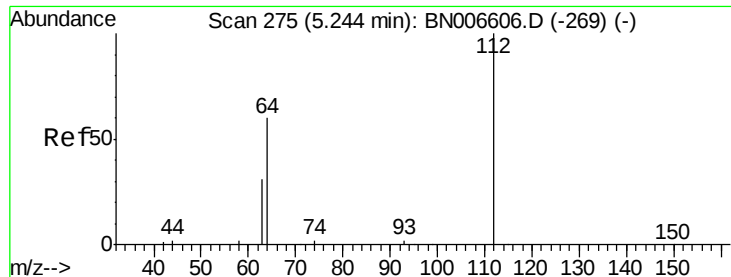


#2

1,4-Dioxane
Concen: 2.613 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.01 min
Lab File: BN006677.D
Acq: 02 Jul 2019 02:17

Tgt Ion: 88 Resp: 16492
Ion Ratio Lower Upper
88 100
58 77.9 62.5 93.7
43 33.1 25.4 38.0





#4

2-Fluorophenol

Concen: 0.083 ng

RT: 5.24 min Scan# 275

Delta R.T. -0.00 min

Lab File: BN006677.D

Acq: 02 Jul 2019 02:17

Instrument :

BNA_N

ClientSampleId :

MW-4DL

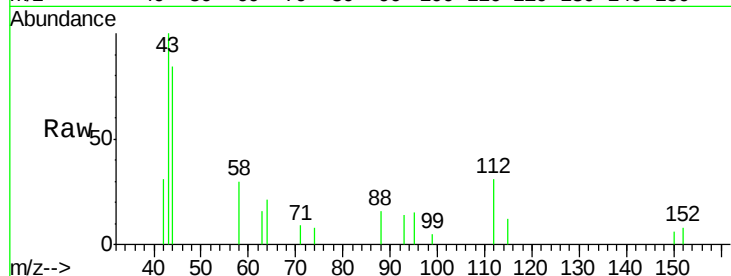
Tot Ion: 112 Resp: 931

Ion Ratio Lower Upper

112 100

64 59.3 48.9 73.3

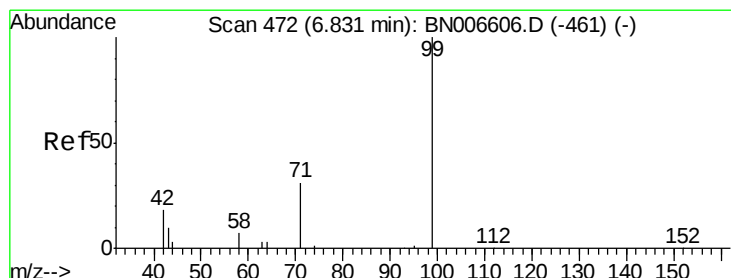
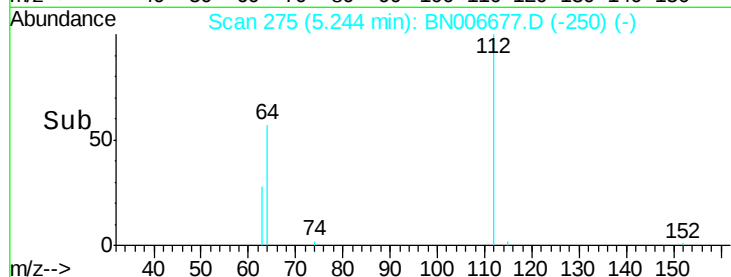
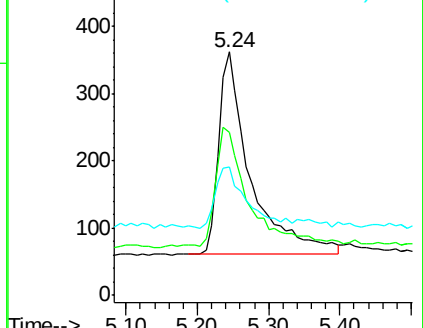
63 28.8 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.050 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.00 min

Lab File: BN006677.D

Acq: 02 Jul 2019 02:17

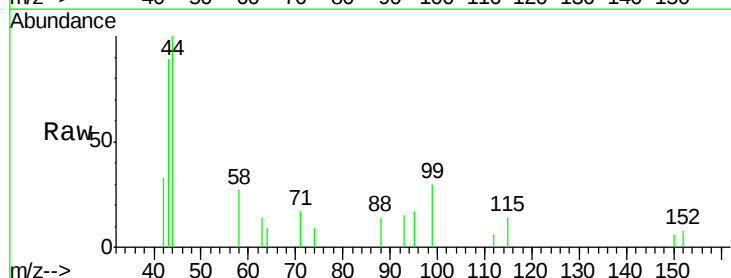
Tgt Ion: 99 Resp: 741

Ion Ratio Lower Upper

99 100

42 35.9 16.4 24.6#

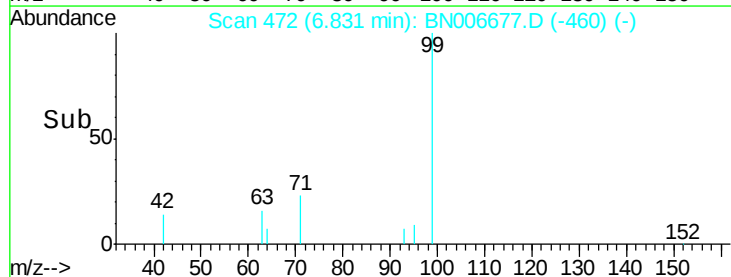
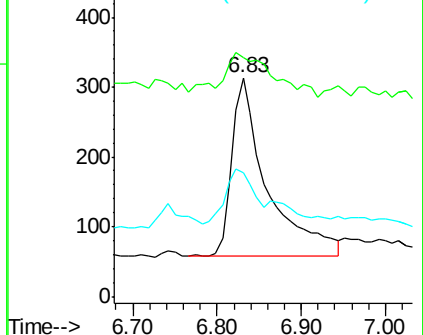
71 25.1 26.6 40.0#

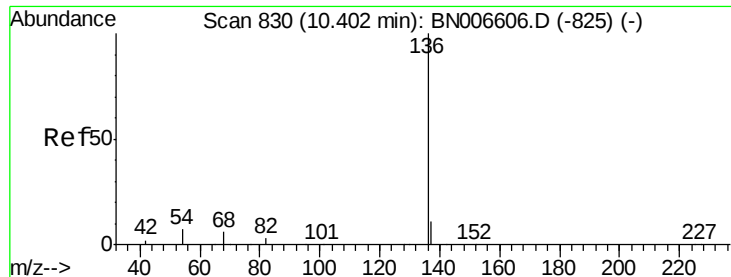


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006677.D

Acq: 02 Jul 2019 02:17

Instrument :

BNA_N

ClientSampleId :

MW-4DL

Tot Ion:136 Resp: 18406

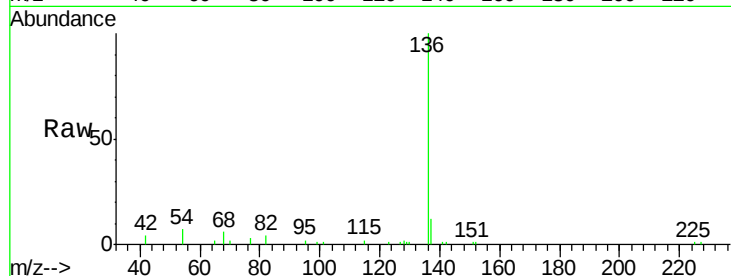
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.2 6.7 10.1

68 5.8 5.3 7.9

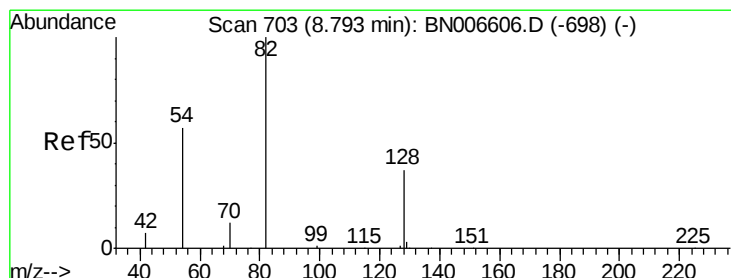
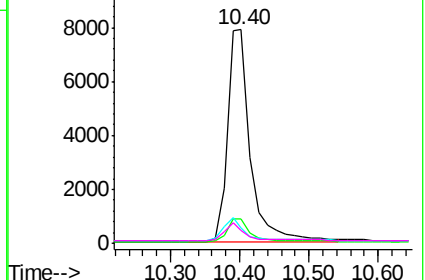
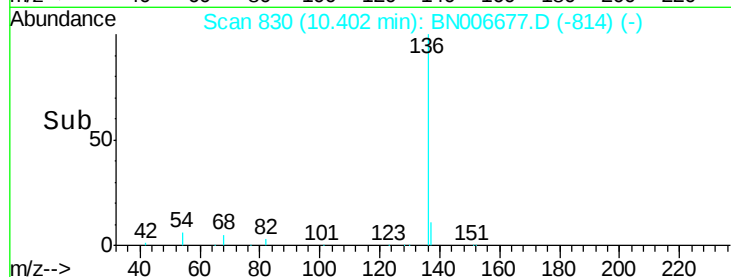


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.168 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006677.D

Acq: 02 Jul 2019 02:17

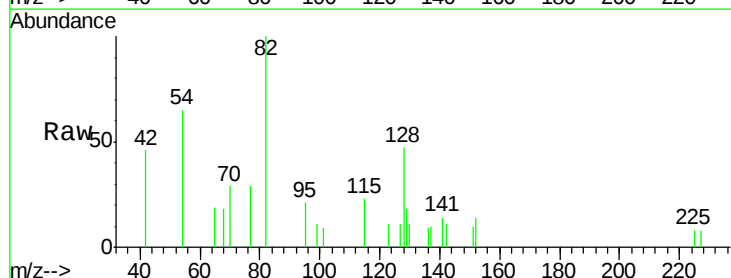
Tgt Ion: 82 Resp: 2074

Ion Ratio Lower Upper

82 100

128 47.0 32.6 49.0

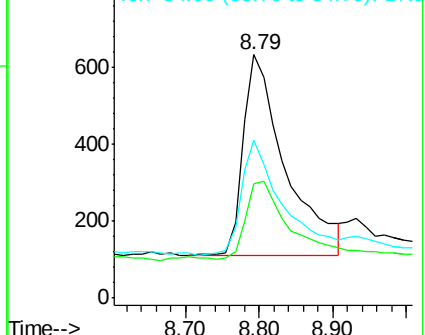
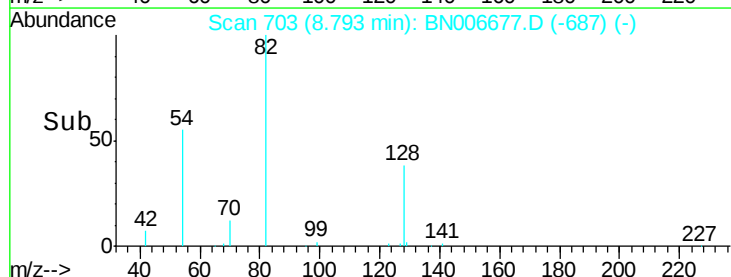
54 64.7 48.2 72.4

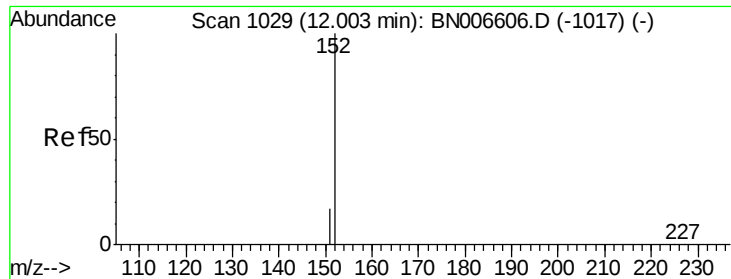


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

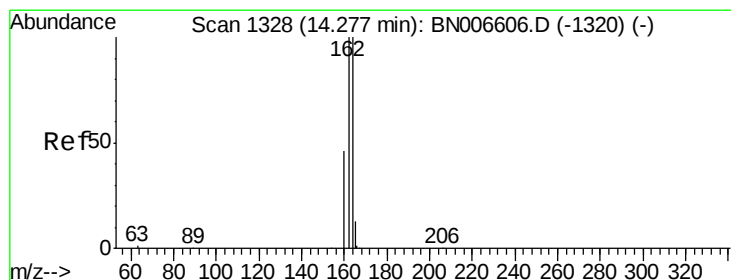
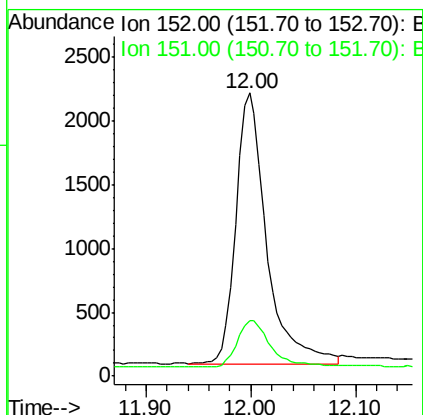
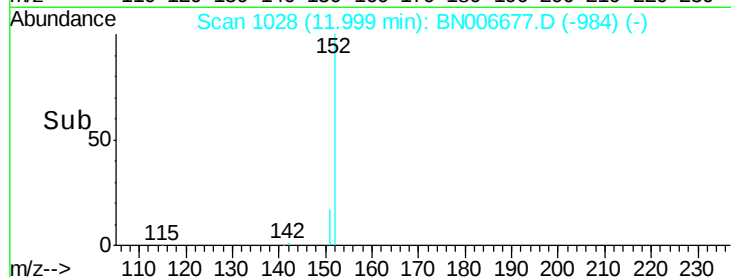
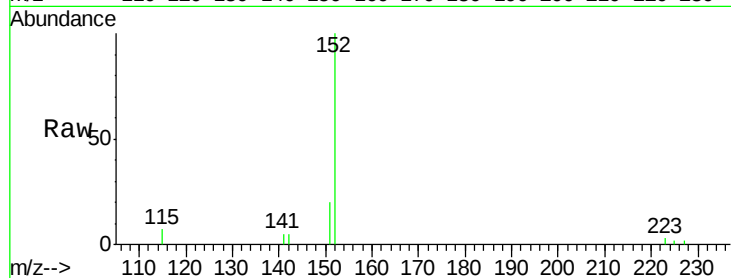




#11
2-Methylnaphthalene-d10
Concen: 0.149 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006677.D
Acq: 02 Jul 2019 02:17

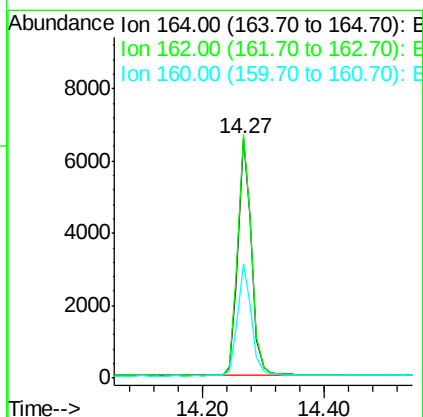
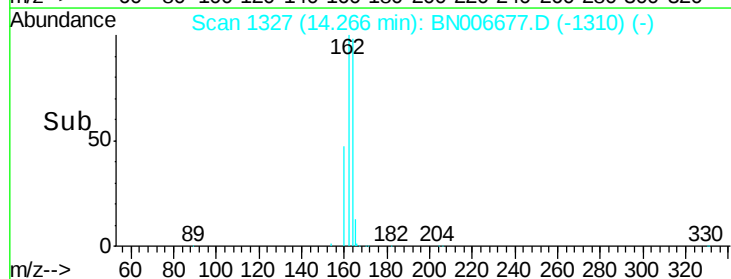
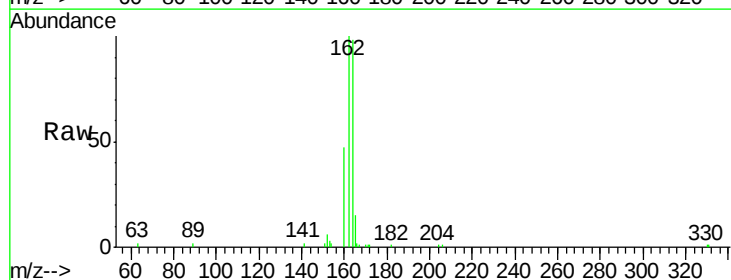
Instrument :
BNA_N
ClientSampleId :
MW-4DL

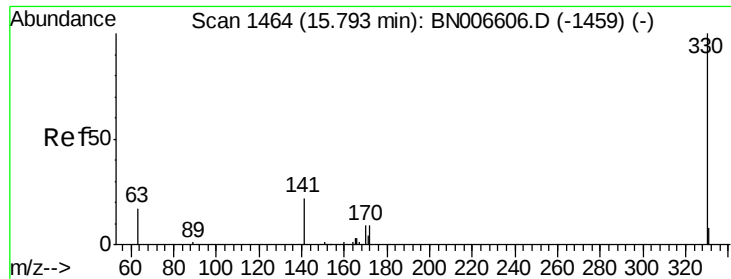
Tot Ion:152 Resp: 4311
Ion Ratio Lower Upper
152 100
151 19.0 15.0 22.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006677.D
Acq: 02 Jul 2019 02:17

Tgt Ion:164 Resp: 10236
Ion Ratio Lower Upper
164 100
162 101.8 80.0 120.0
160 48.0 37.0 55.4

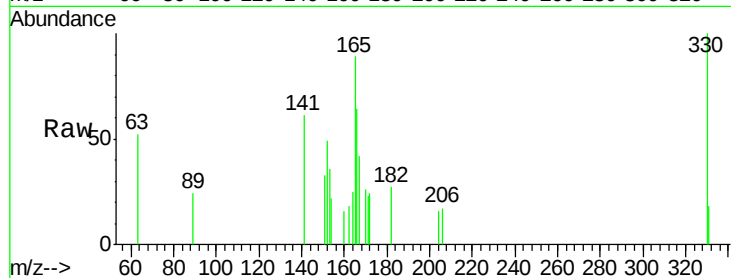




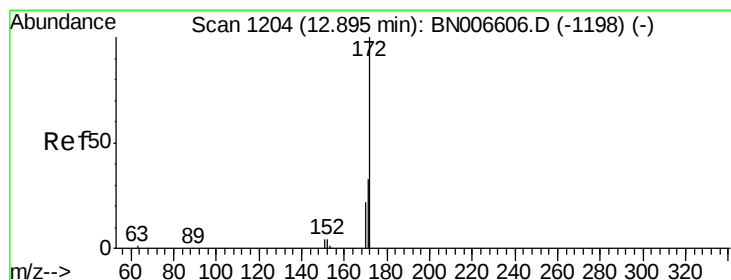
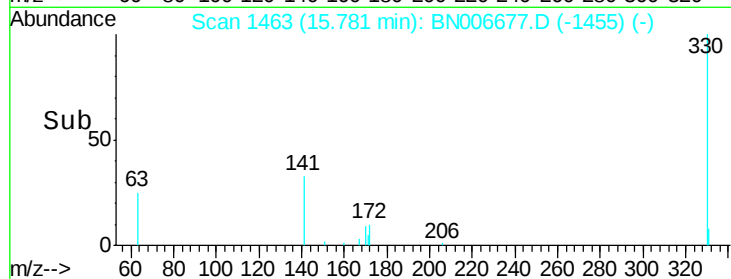
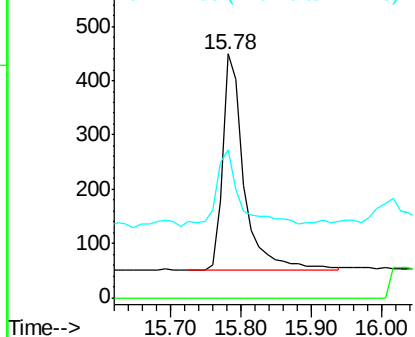
#14
 2,4,6-Tribromophenol
 Concen: 0.177 ng
 RT: 15.78 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BN006677.D
 Acq: 02 Jul 2019 02:17

Instrument :
 BNA_N
 ClientSampleId :
 MW-4DL

Tot Ion:330 Resp: 853
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.7 26.5 39.7#

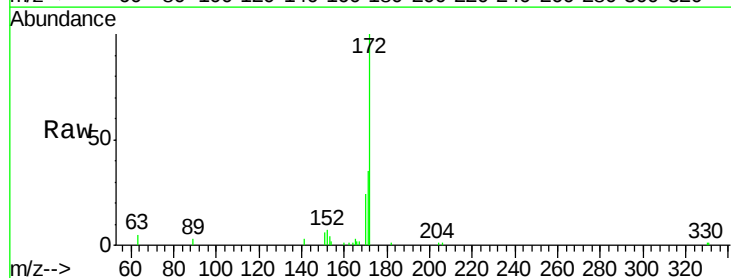


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

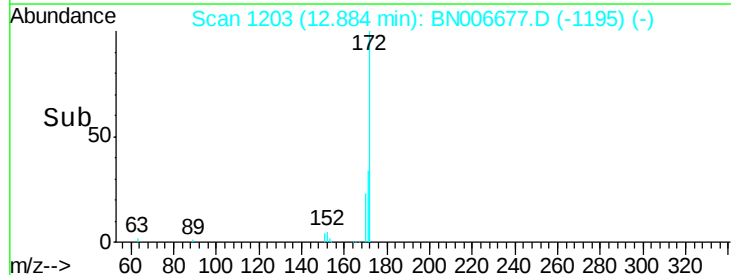
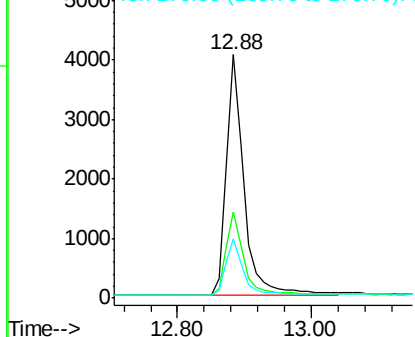


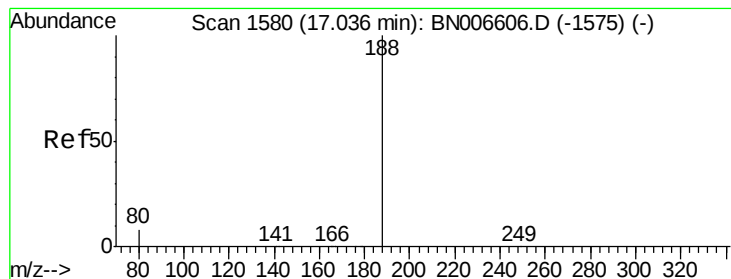
#15
 2-Fluorobiphenyl
 Concen: 0.193 ng
 RT: 12.88 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BN006677.D
 Acq: 02 Jul 2019 02:17

Tgt Ion:172 Resp: 7317
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.0 40.4
 170 24.4 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: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006677.D

Acq: 02 Jul 2019 02:17

Instrument :

BNA_N

ClientSampleId :

MW-4DL

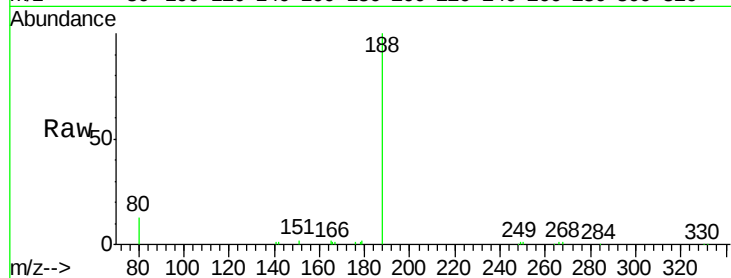
Tot Ion:188 Resp: 21476

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

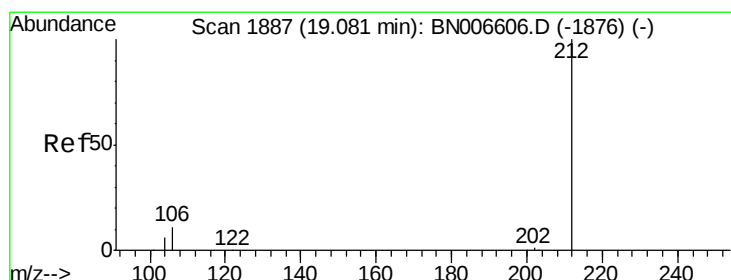
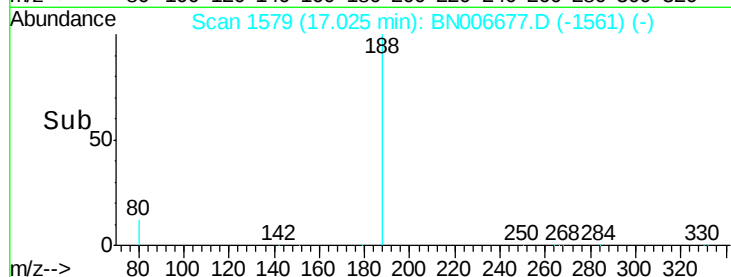
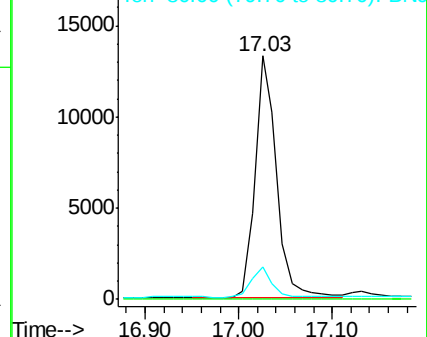
80 13.1 7.1 10.7#



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: 0.164 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006677.D

Acq: 02 Jul 2019 02:17

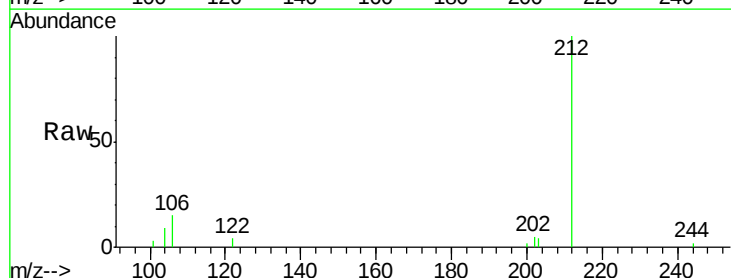
Tgt Ion:212 Resp: 10347

Ion Ratio Lower Upper

212 100

106 15.2 10.6 15.8

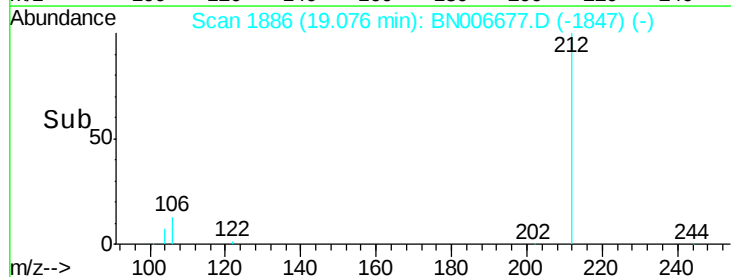
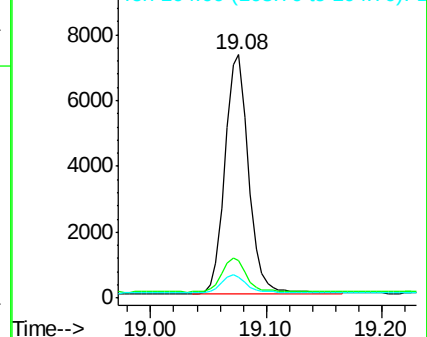
104 8.3 5.8 8.6

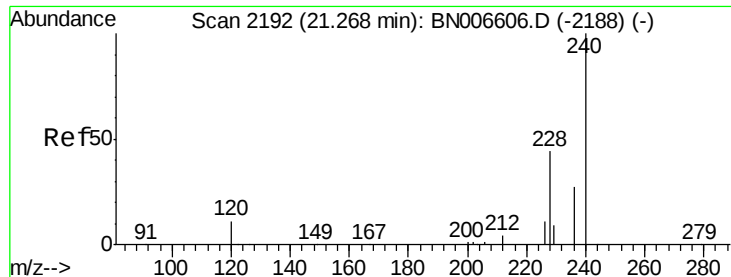


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.25 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BN006677.D

Acq: 02 Jul 2019 02:17

Instrument :

BNA_N

ClientSampleId :

MW-4DL

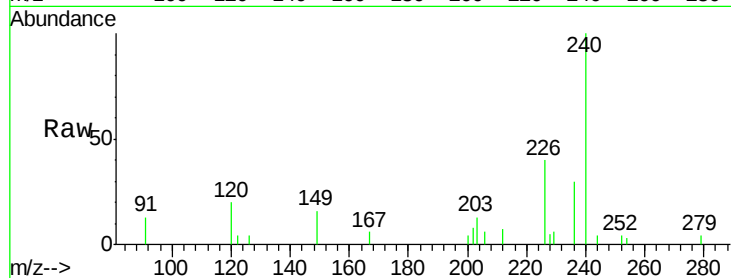
Tot Ion:240 Resp: 19325

Ion Ratio Lower Upper

240 100

120 20.0 9.9 14.9#

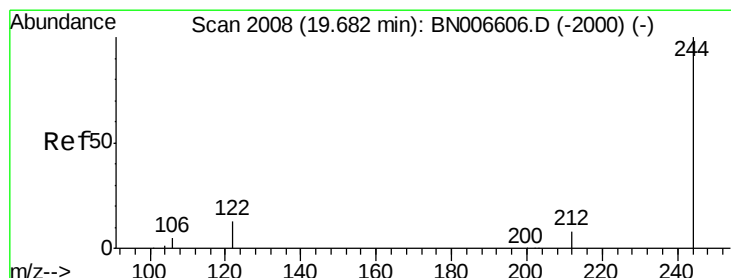
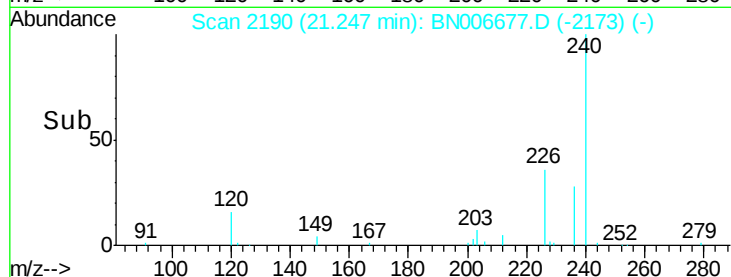
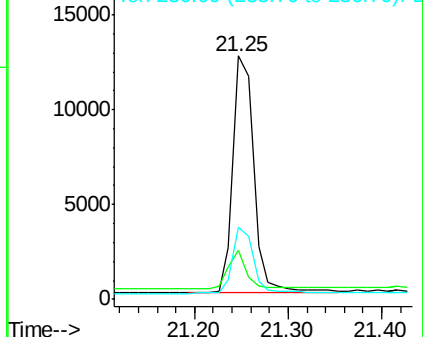
236 29.8 22.2 33.4



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: 0.232 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006677.D

Acq: 02 Jul 2019 02:17

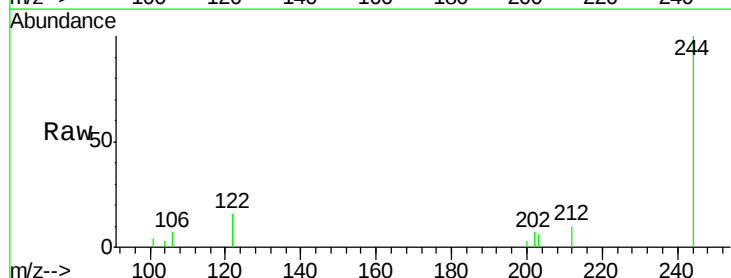
Tgt Ion:244 Resp: 9406

Ion Ratio Lower Upper

244 100

212 9.8 6.7 10.1

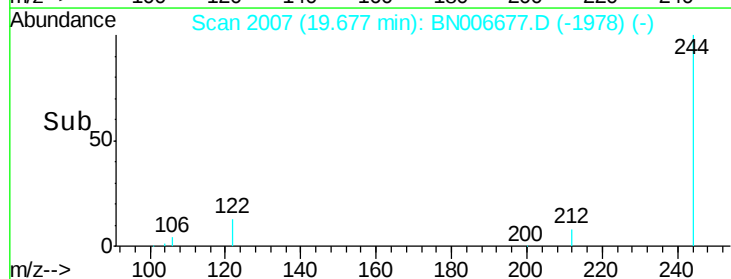
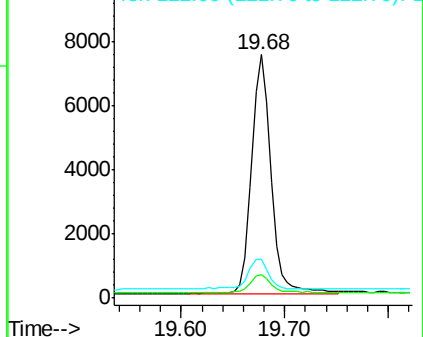
122 16.2 11.0 16.6

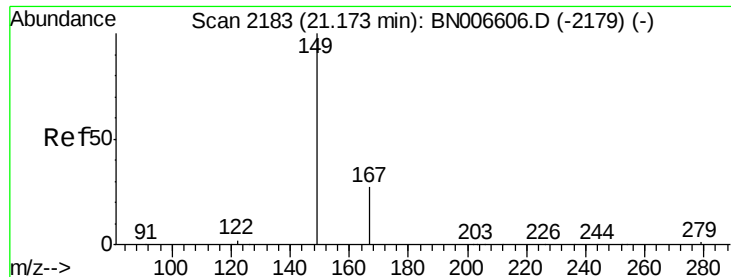


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

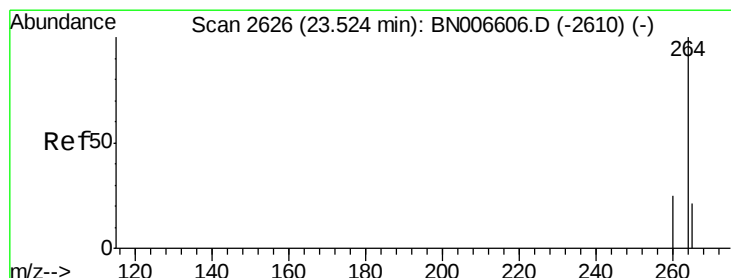
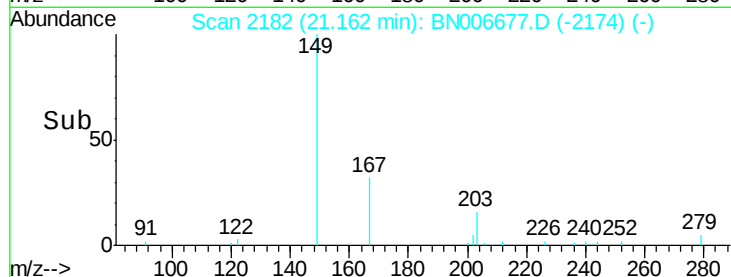
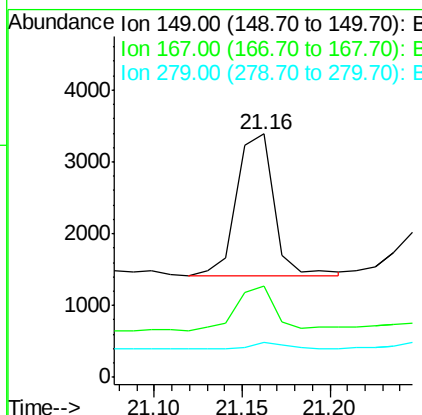
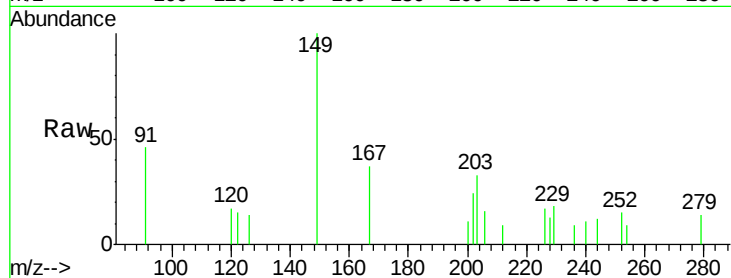




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BN006677.D
 Acq: 02 Jul 2019 02:17

Instrument :
 BNA_N
 ClientSampleId :
 MW-4DL

Tot Ion:149 Resp: 2873
 Ion Ratio Lower Upper
 149 100
 167 34.5 22.9 34.3#
 279 5.0 3.3 4.9#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2615
 Delta R.T. -0.04 min
 Lab File: BN006677.D
 Acq: 02 Jul 2019 02:17

Tgt Ion:264 Resp: 22363
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.2 30.2
 265 35.3 23.3 34.9#

