

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043020\
 Data File : BN010677.D
 Acq On : 30 Apr 2020 16:50
 Operator : CG/JU
 Sample : L2445-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FIELD-BLANK-4-29-2020

Quant Time: Apr 30 17:24:53 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

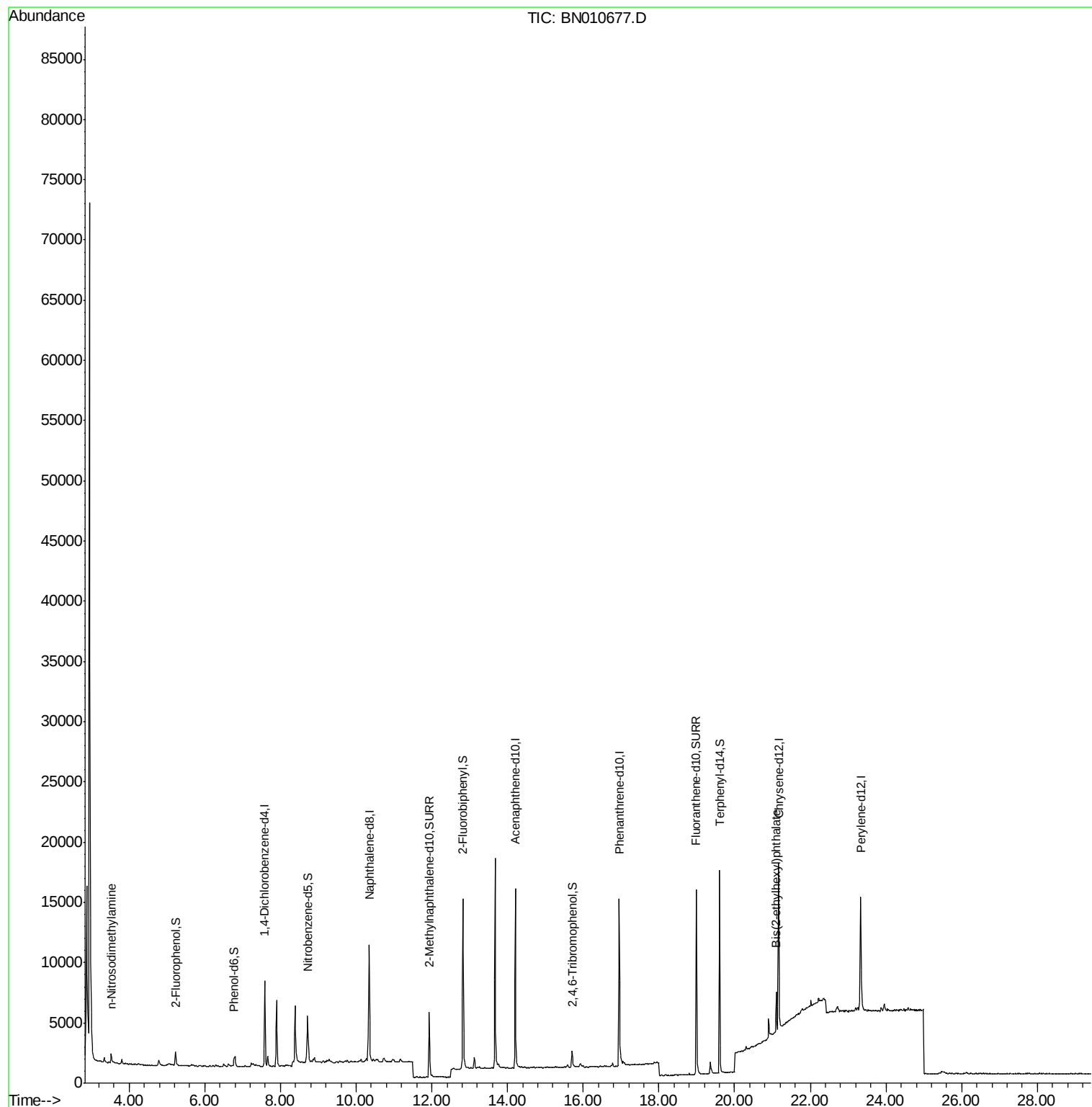
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3555	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	14785	0.40	ng	0.01
13) Acenaphthene-d10	14.20	164	9315	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	19532	0.40	ng	0.00
27) Chrysene-d12	21.16	240	14920	0.40	ng	0.00
34) Perylene-d12	23.33	264	13374	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	1158	0.15	ng	0.00
5) Phenol-d6	6.78	99	816	0.08	ng	0.00
8) Nitrobenzene-d5	8.72	82	3835	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	8371	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1241	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	13720	0.40	ng	0.00
25) Fluoranthene-d10	18.99	212	18844	0.32	ng	0.00
29) Terphenyl-d14	19.60	244	18283	0.54	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.53	42	75	0.044	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.10	149	2716	0.109	ng	# 96

(#) = 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

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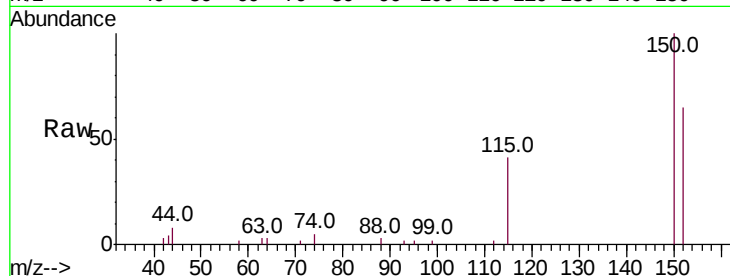
Tot Ion:152 Resp: 3555

Ion Ratio Lower Upper

152 100

150 153.9 121.8 182.6

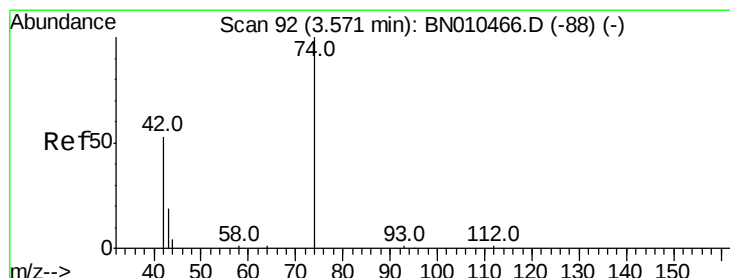
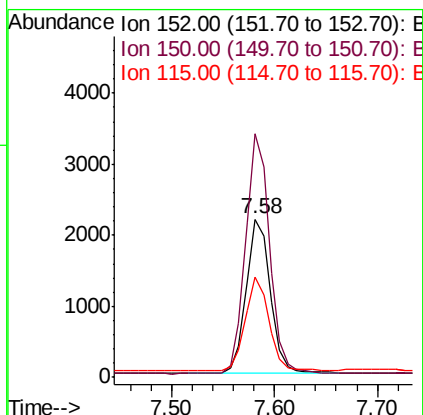
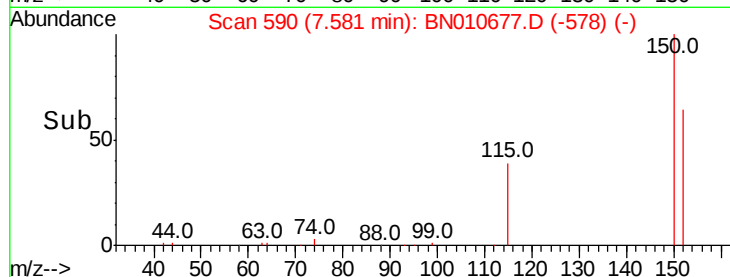
115 63.0 45.5 68.3



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



#3

n-Nitrosodimethylamine

Concen: 0.044 ng

RT: 3.53 min Scan# 87

Delta R.T. -0.02 min

Lab File: BN010677.D

Acq: 30 Apr 2020 16:50

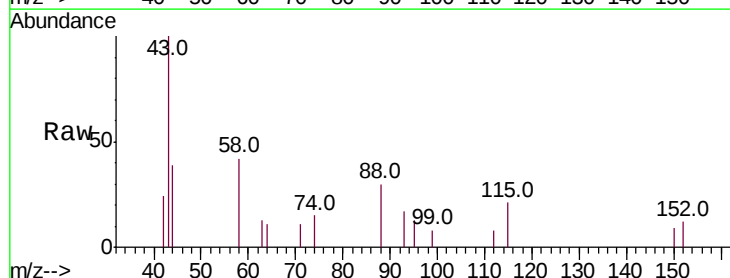
Tgt Ion: 42 Resp: 75

Ion Ratio Lower Upper

42 100

74 0.0 162.2 243.4#

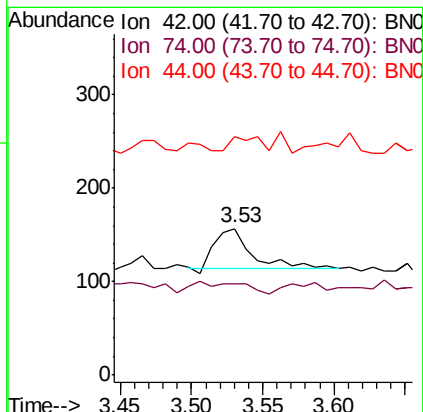
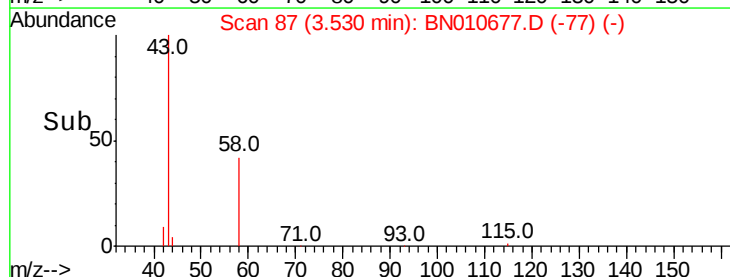
44 26.7 2.4 3.6#

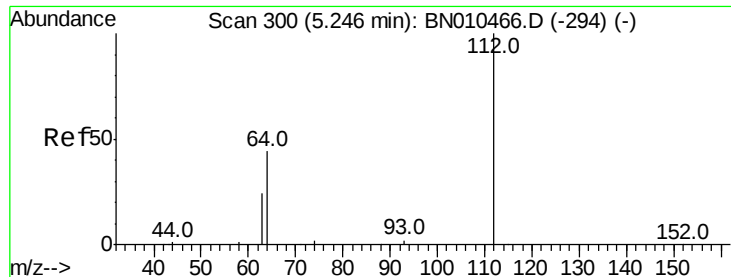


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.149 ng

RT: 5.23 min Scan# 298

Delta R.T. -0.00 min

Lab File: BN010677.D

Acq: 30 Apr 2020 16:50

Instrument :

BNA_N

ClientSampleId :

FIELD-BLANK-4-29-2020

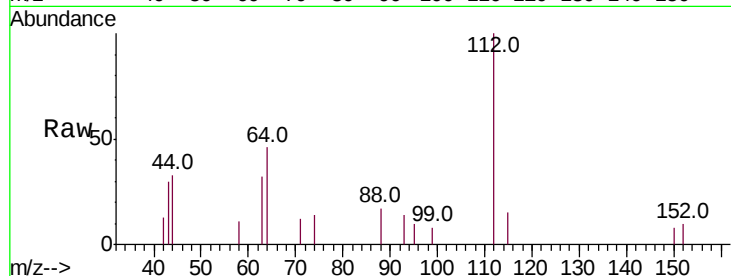
Tot Ion:112 Resp: 1158

Ion Ratio Lower Upper

112 100

64 46.9 35.8 53.8

63 24.2 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

5.23

800

600

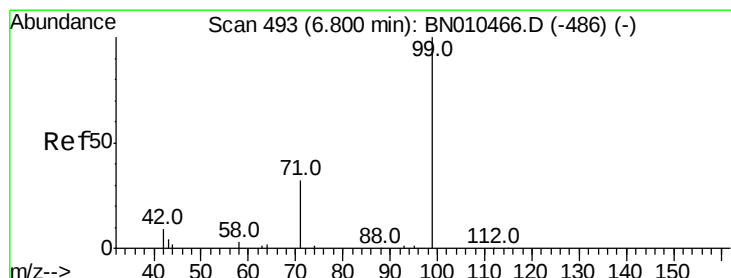
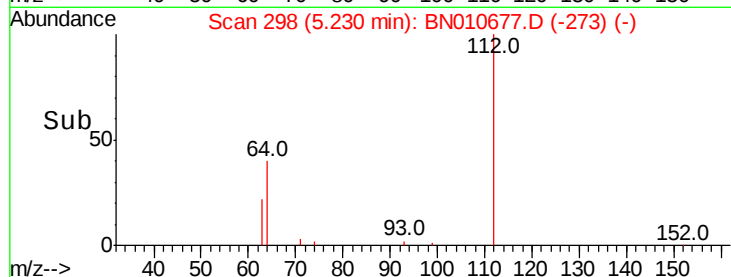
400

200

0

5.20 5.30

Time-->



#5

Phenol-d6

Concen: 0.080 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.00 min

Lab File: BN010677.D

Acq: 30 Apr 2020 16:50

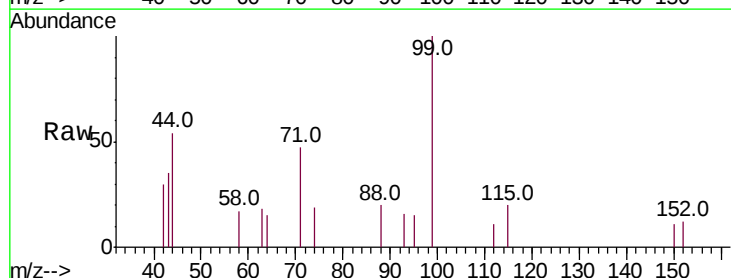
Tgt Ion: 99 Resp: 816

Ion Ratio Lower Upper

99 100

42 21.8 9.8 14.6#

71 36.9 27.8 41.8



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

6.78

600

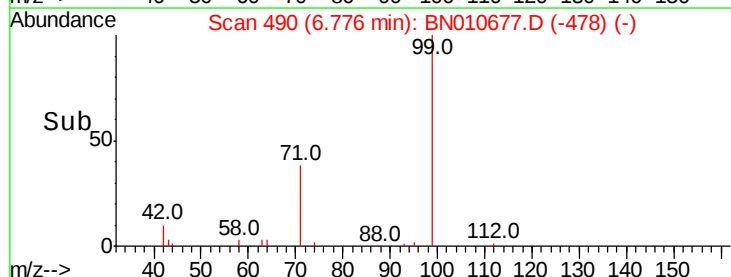
400

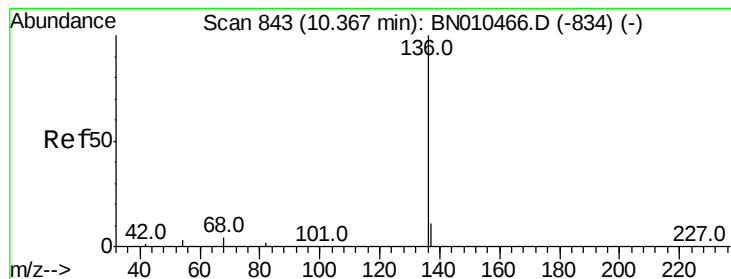
200

0

6.70 6.80 6.90

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.01 min

Lab File: BN010677.D

Acq: 30 Apr 2020 16:50

Instrument :

BNA_N

ClientSampleId :

FIELD-BLANK-4-29-2020

Tot Ion:136 Resp: 14785

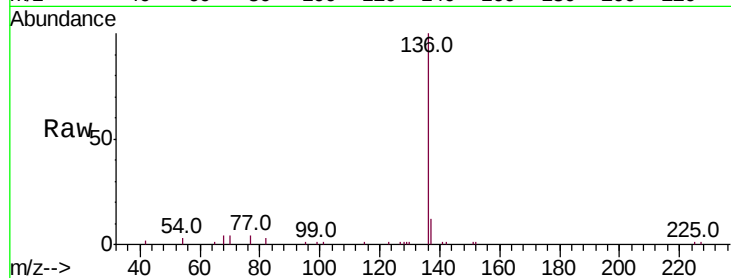
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 3.3 2.6 4.0

68 4.2 3.4 5.2

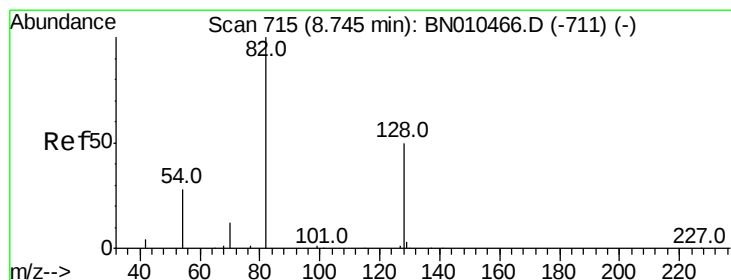
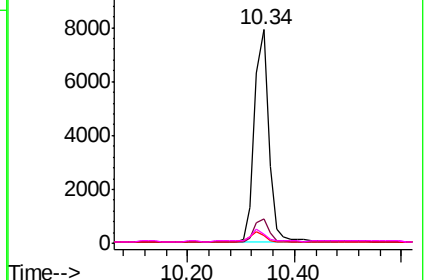
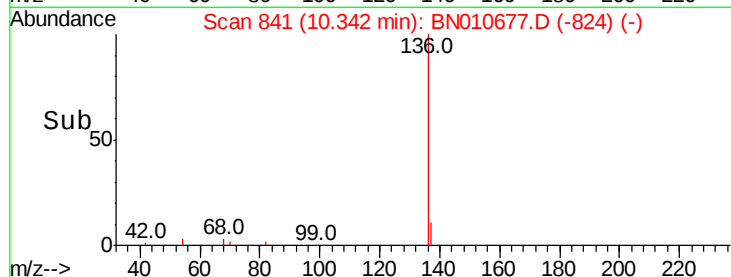


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.00 min

Lab File: BN010677.D

Acq: 30 Apr 2020 16:50

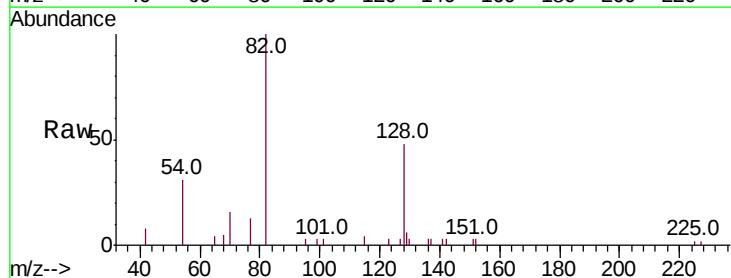
Tgt Ion: 82 Resp: 3835

Ion Ratio Lower Upper

82 100

128 47.5 41.3 61.9

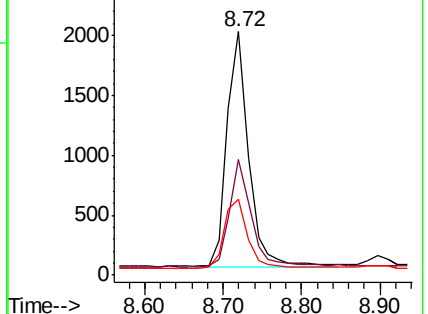
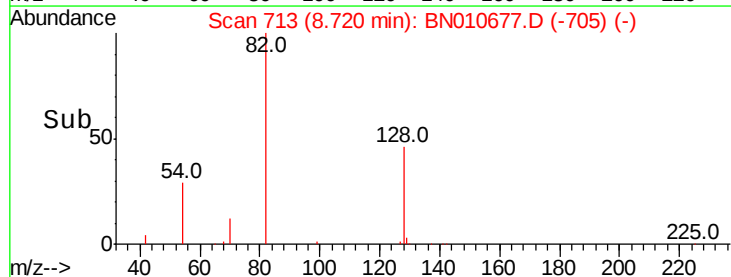
54 31.0 23.4 35.0

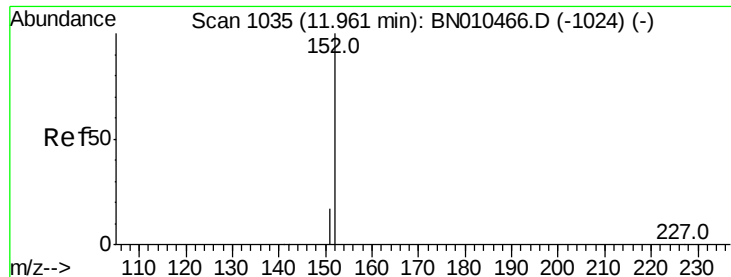


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

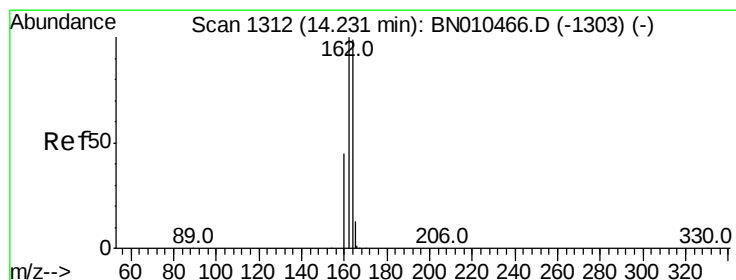
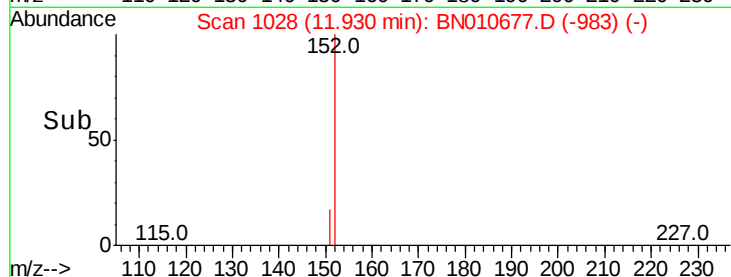
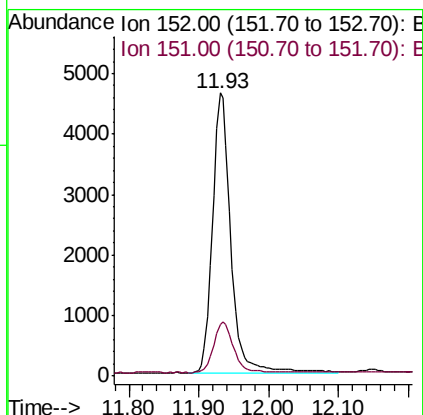
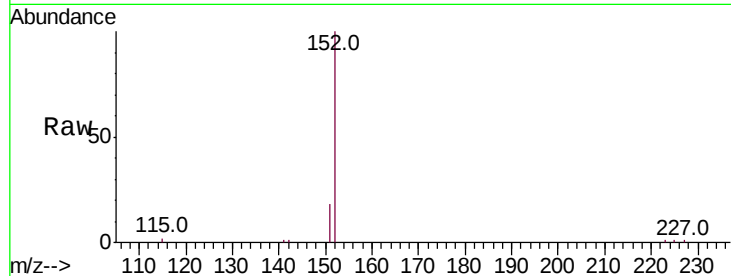




#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 11.93 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN010677.D
Acq: 30 Apr 2020 16:50

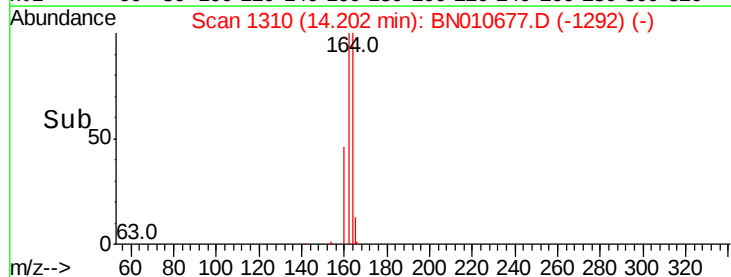
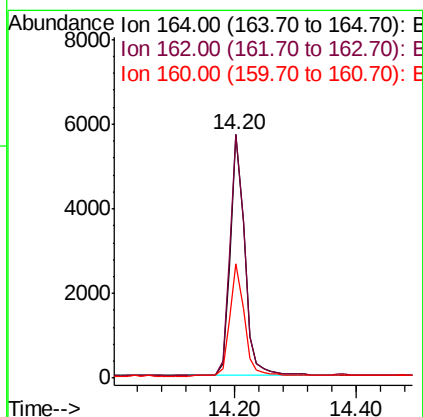
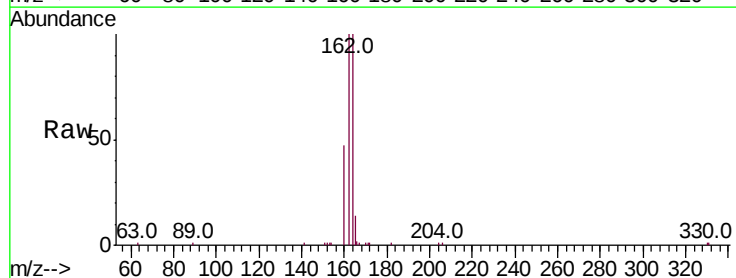
Instrument :
BNA_N
ClientSampleId :
FIELD-BLANK-4-29-2020

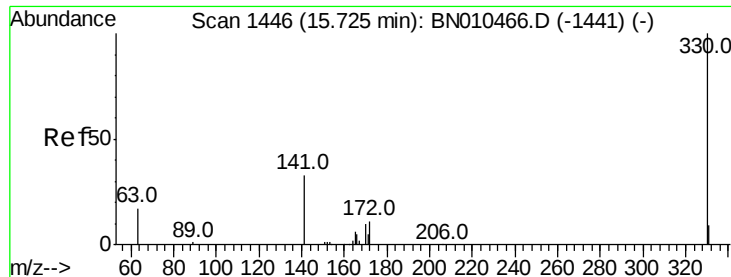
Tot Ion:152 Resp: 8371
Ion Ratio Lower Upper
152 100
151 19.7 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.20 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN010677.D
Acq: 30 Apr 2020 16:50

Tgt Ion:164 Resp: 9315
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 46.8 36.5 54.7

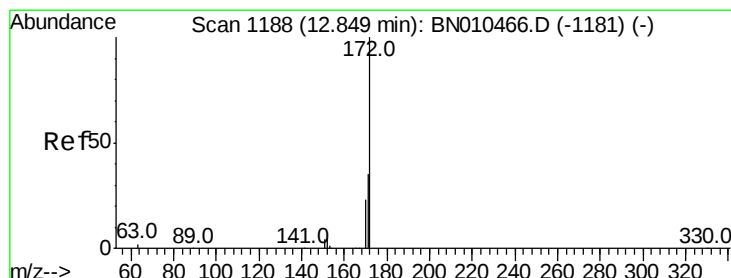
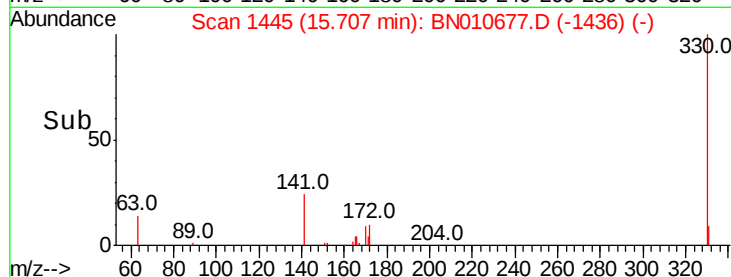
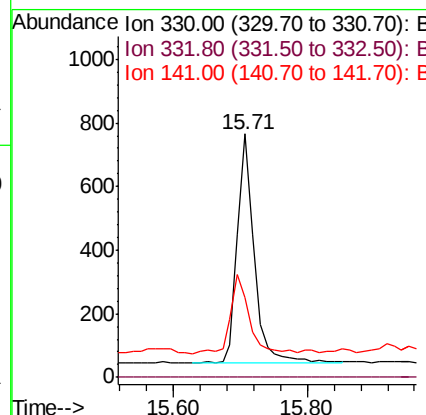
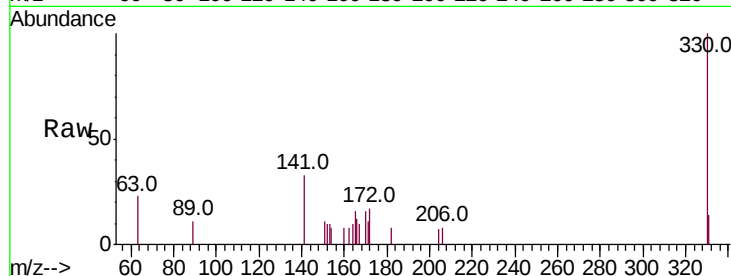




#14
 2,4,6-Tribromophenol
 Concen: 0.283 ng
 RT: 15.71 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BN010677.D
 Acq: 30 Apr 2020 16:50

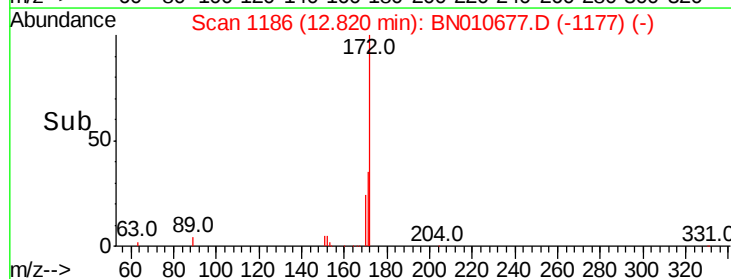
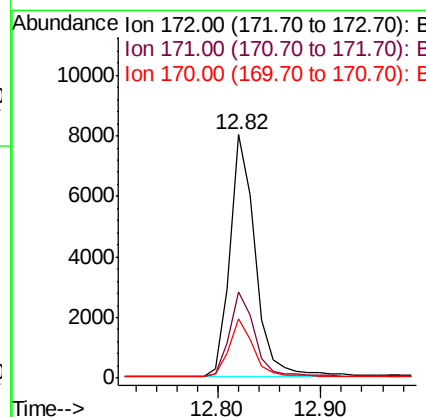
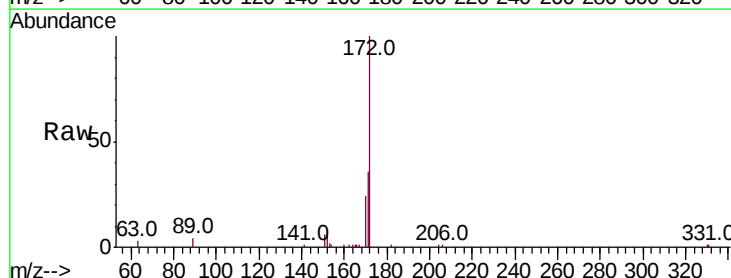
Instrument :
 BNA_N
 ClientSampleId :
 FIELD-BLANK-4-29-2020

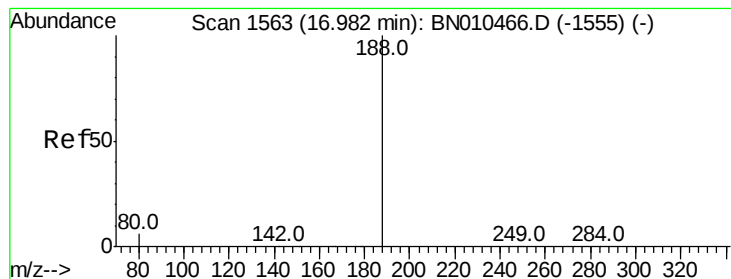
Tot Ion:330 Resp: 1241
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.4 28.1 42.1



#15
 2-Fluorobiphenyl
 Concen: 0.405 ng
 RT: 12.82 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BN010677.D
 Acq: 30 Apr 2020 16:50

Tgt Ion:172 Resp: 13720
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.2
 170 24.1 18.4 27.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN010677.D

Acq: 30 Apr 2020 16:50

Instrument :

BNA_N

ClientSampleId :

FIELD-BLANK-4-29-2020

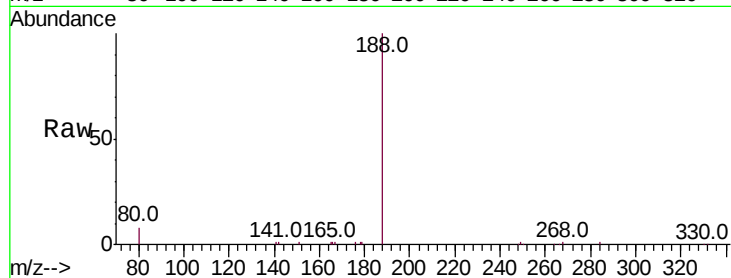
Tot Ion:188 Resp: 19532

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

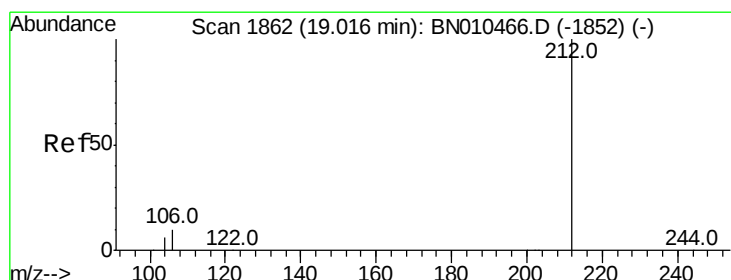
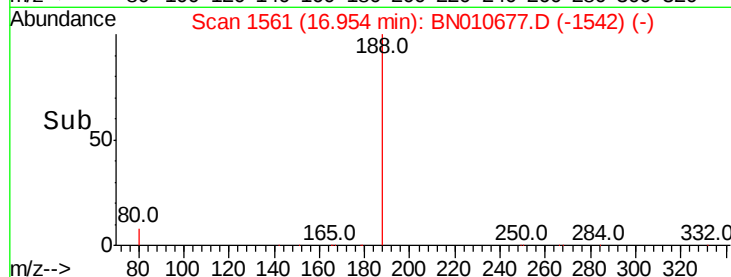
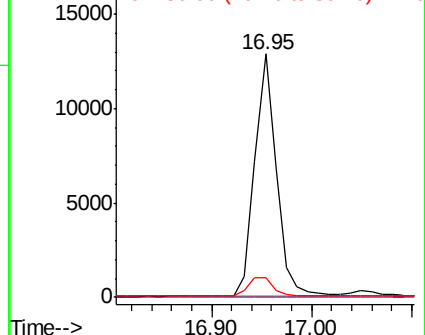
80 8.2 5.0 7.6#



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: 0.318 ng

RT: 18.99 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN010677.D

Acq: 30 Apr 2020 16:50

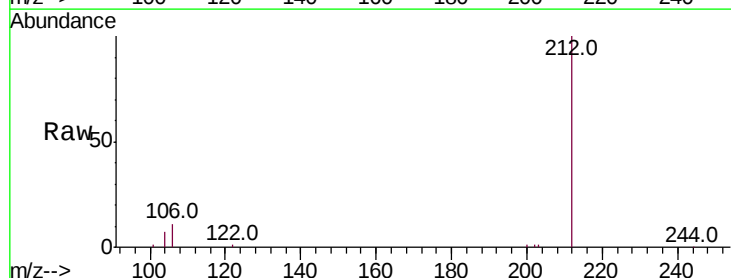
Tgt Ion:212 Resp: 18844

Ion Ratio Lower Upper

212 100

106 10.4 7.8 11.6

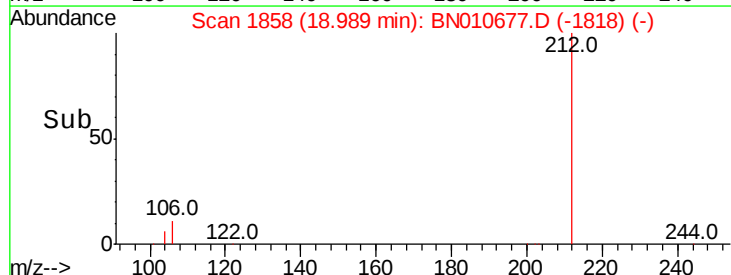
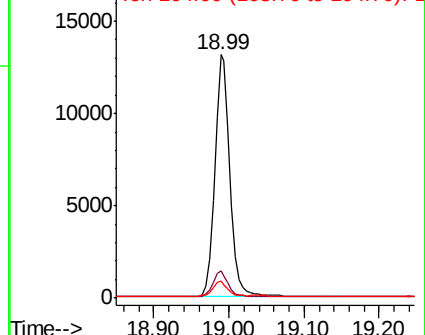
104 5.9 4.5 6.7

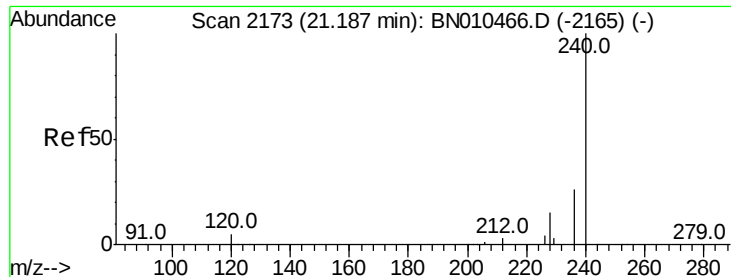


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN010677.D

Acq: 30 Apr 2020 16:50

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FIELD-BLANK-4-29-2020

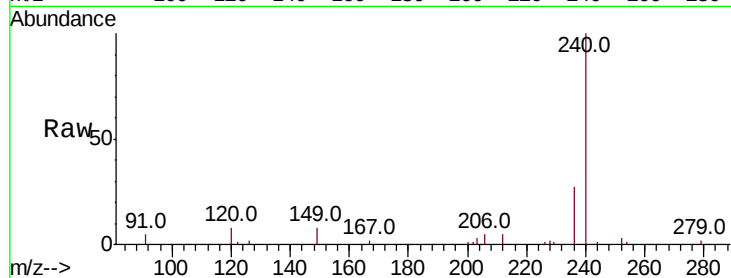
Tot Ion:240 Resp: 14920

Ion Ratio Lower Upper

240 100

120 7.6 4.8 7.2#

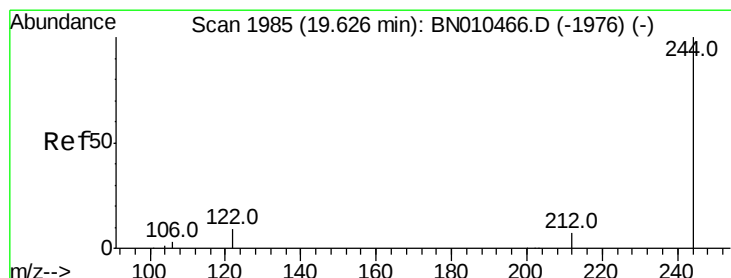
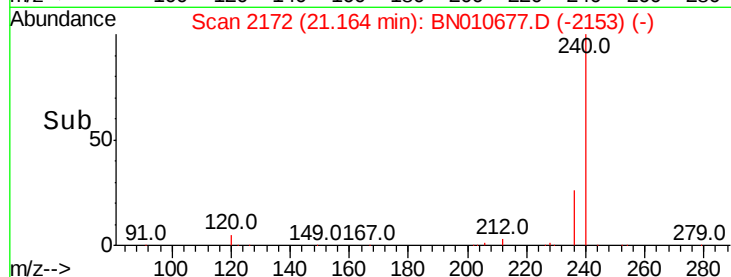
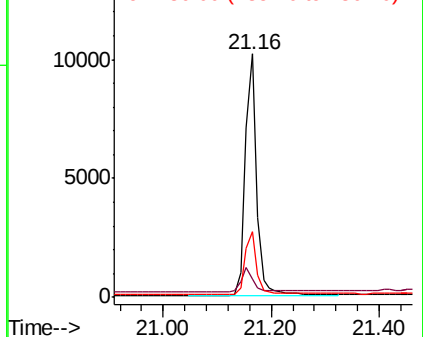
236 26.7 21.4 32.0



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: 0.535 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN010677.D

Acq: 30 Apr 2020 16:50

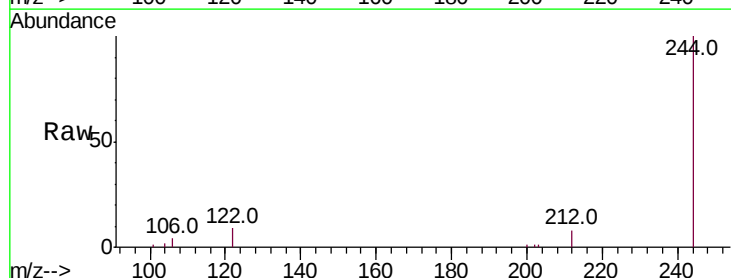
Tgt Ion:244 Resp: 18283

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

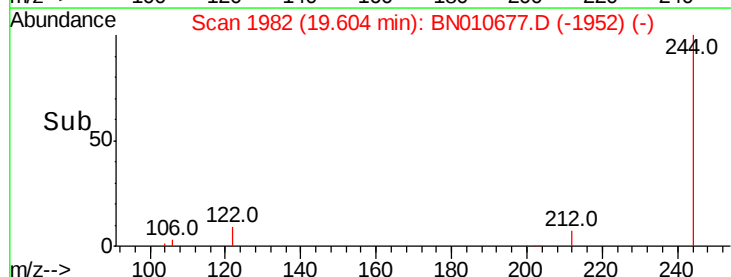
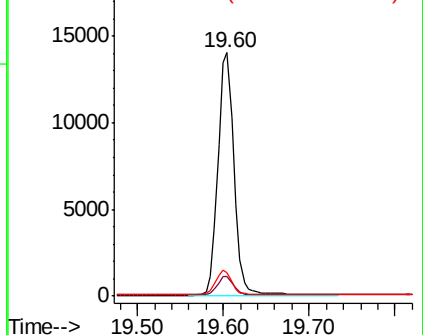
122 9.4 7.8 11.8

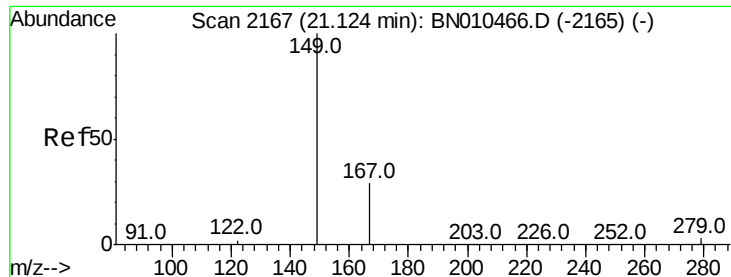


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

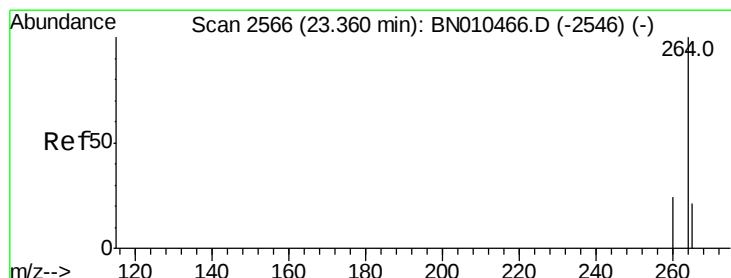
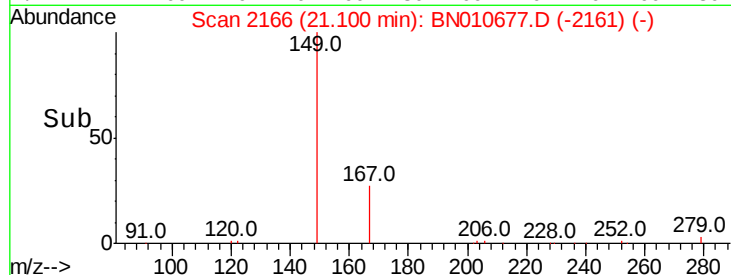
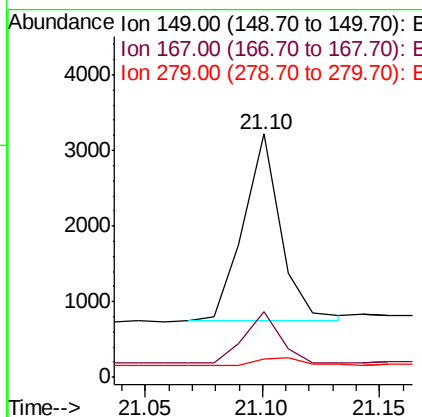
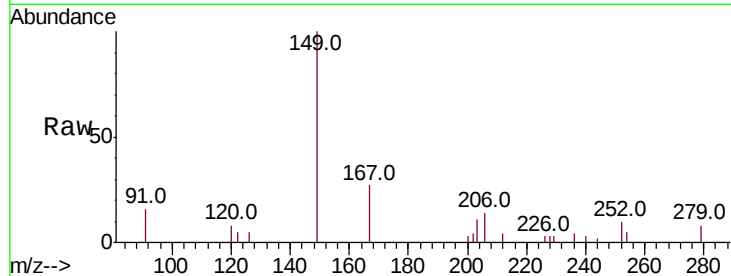




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.109 ng
 RT: 21.10 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BN010677.D
 Acq: 30 Apr 2020 16:50

Instrument :
 BNA_N
 ClientSampleId :
 FIELD-BLANK-4-29-2020

Tot Ion:149 Resp: 2716
 Ion Ratio Lower Upper
 149 100
 167 26.8 23.4 35.0
 279 6.4 4.0 6.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.33 min Scan# 2558
 Delta R.T. -0.00 min
 Lab File: BN010677.D
 Acq: 30 Apr 2020 16:50

Tgt Ion:264 Resp: 13374
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.8 29.8
 265 79.7 42.3 63.5#

