

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
 Data File : BN011229.D
 Acq On : 22 Jul 2020 22:00
 Operator : CG/JU
 Sample : L3371-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200720

Quant Time: Jul 23 03:57:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 19:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1675	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5978	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	3727	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	8428	0.40	ng	0.00
29) Chrysene-d12	21.09	240	7222	0.40	ng	-0.01
36) Perylene-d12	23.22	264	6309	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.15	112	645	0.16	ng	0.00
5) Phenol-d6	6.70	99	430	0.09	ng	0.00
8) Nitrobenzene-d5	8.63	82	2139	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.84	152	3224	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	646	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	8179	0.47	ng	0.00
27) Fluoranthene-d10	18.91	212	8891	0.33	ng	0.00
31) Terphenyl-d14	19.53	244	10811	0.58	ng	0.00

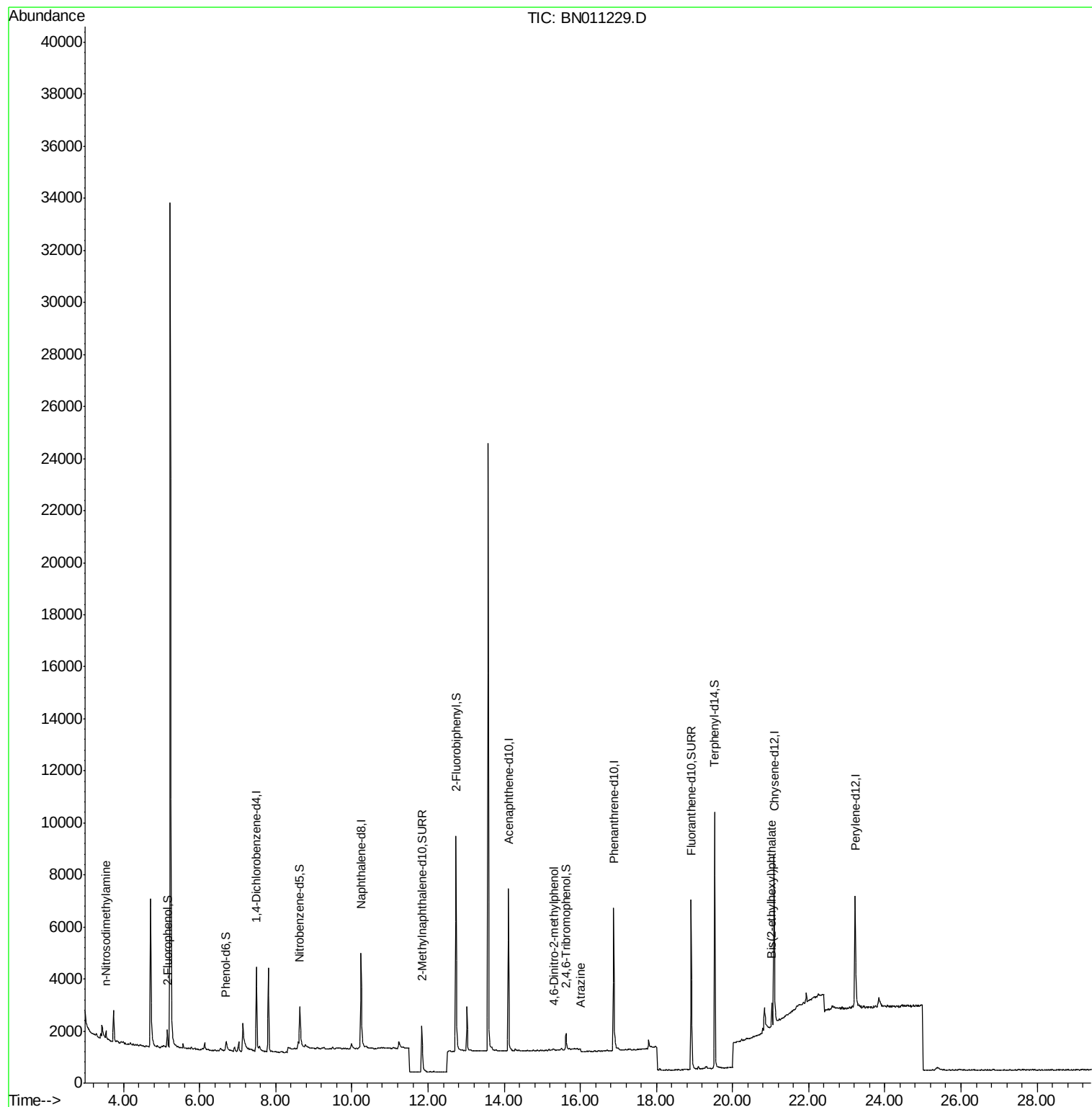
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.54	42	73	0.061	ng	# 1
20) 4,6-Dinitro-2-methylphenol	15.31	198	11	0.140	ng	# 1
23) Atrazine	16.02	200	104	0.026	ng	# 5
34) Bis(2-ethylhexyl)phthalate	21.02	149	937	0.097	ng	95
35) Indeno(1,2,3-cd)pyrene	25.34	276	43	Below Cal		# 83

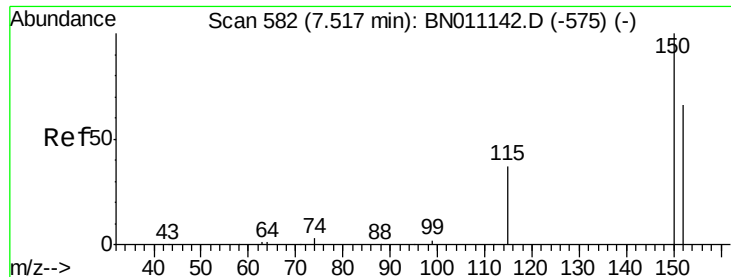
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.49 min Scan# 560

Delta R.T. 0.00 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200720

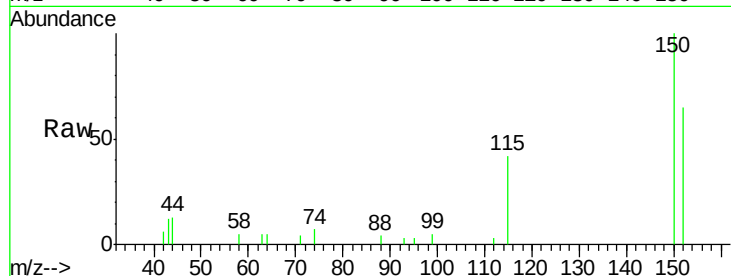
Tot Ion:152 Resp: 1675

Ion Ratio Lower Upper

152 100

150 153.2 119.4 179.0

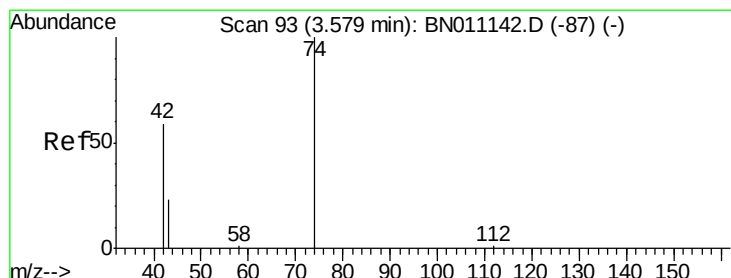
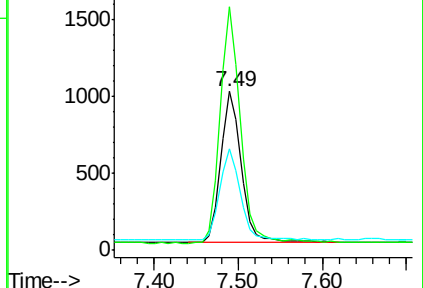
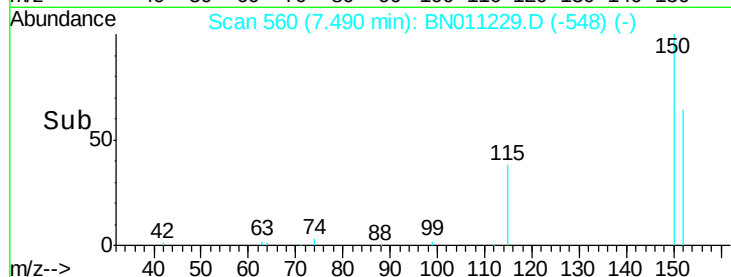
115 63.6 48.3 72.5



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: 0.061 ng

RT: 3.54 min Scan# 69

Delta R.T. 0.01 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

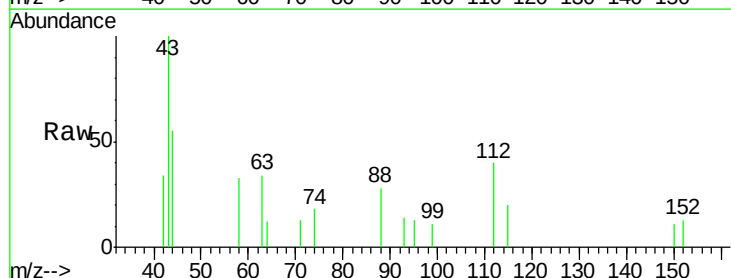
Tgt Ion: 42 Resp: 73

Ion Ratio Lower Upper

42 100

74 0.0 140.9 211.3#

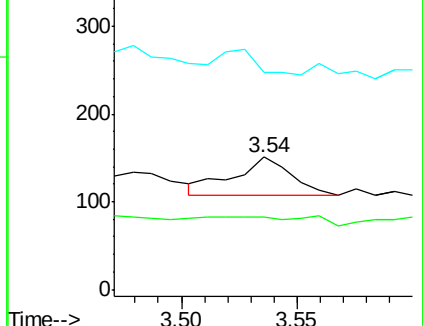
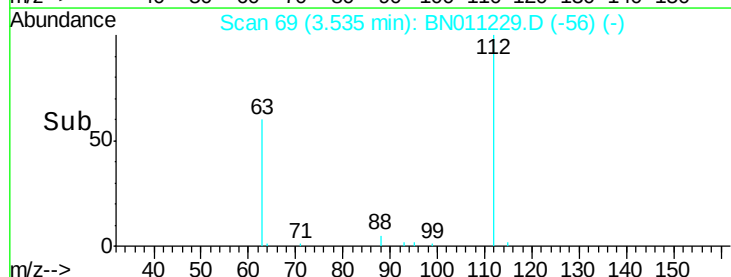
44 39.7 7.6 11.4#

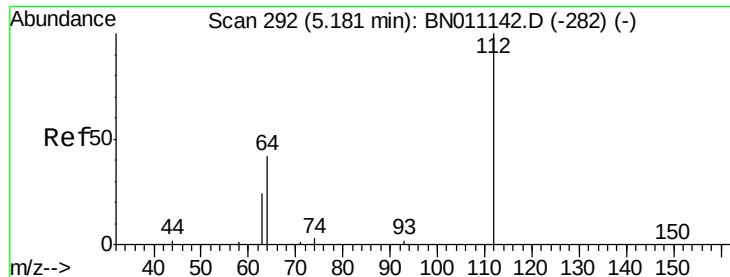


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.15 min Scan# 269

Delta R.T. 0.00 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200720

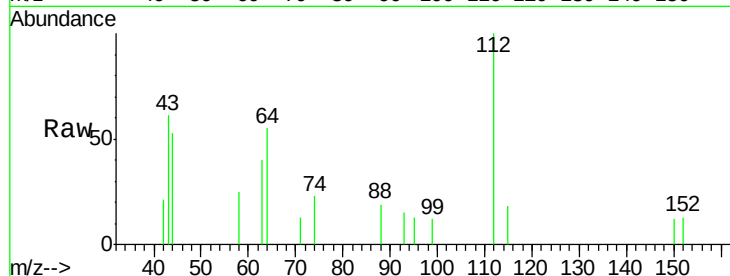
Tot Ion: 112 Resp: 645

Ion Ratio Lower Upper

112 100

64 44.3 36.7 55.1

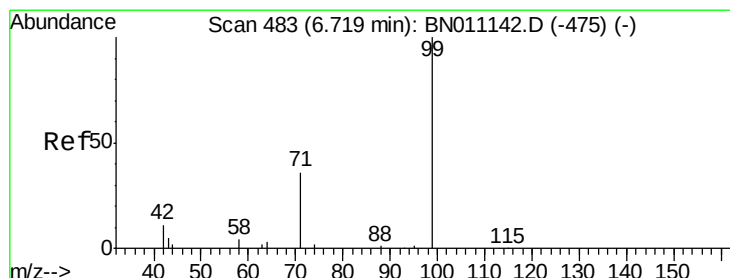
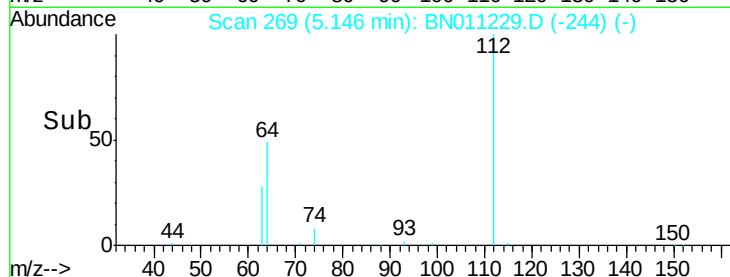
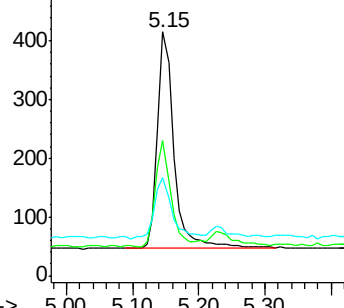
63 29.5 20.4 30.6



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: 0.092 ng

RT: 6.70 min Scan# 462

Delta R.T. 0.01 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

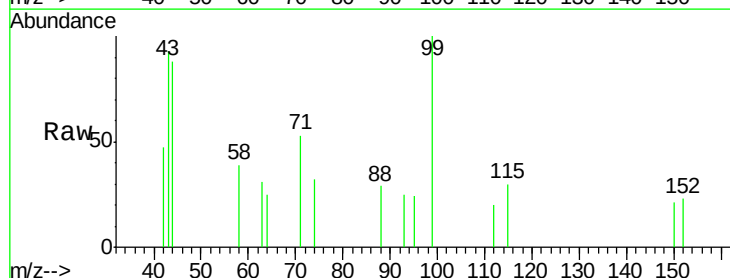
Tgt Ion: 99 Resp: 430

Ion Ratio Lower Upper

99 100

42 20.9 10.8 16.2#

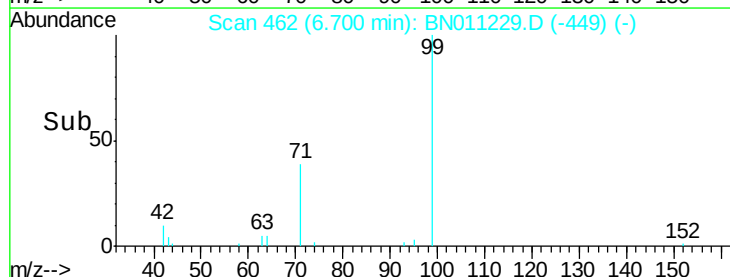
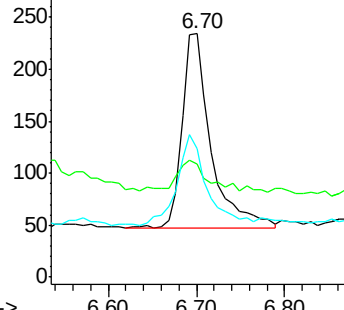
71 47.2 31.3 46.9#

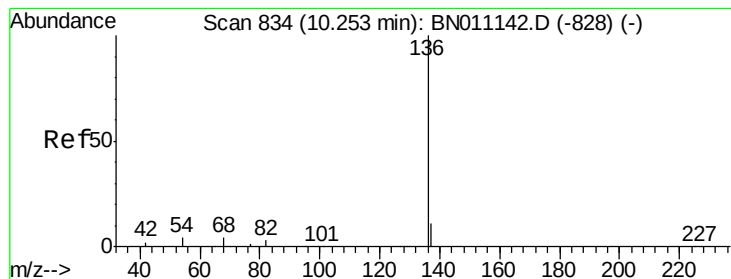


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.24 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200720

Tot Ion:136 Resp: 5978

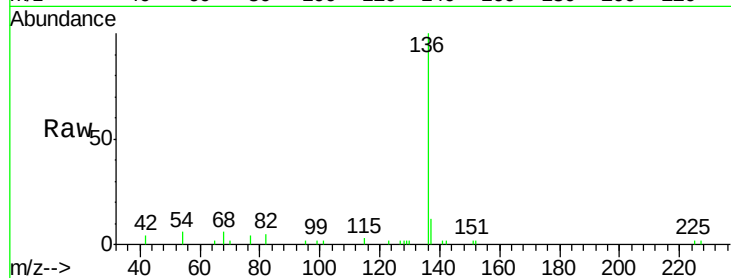
Ion Ratio Lower Upper

136 100

137 12.1 10.3 15.5

54 5.6 4.9 7.3

68 6.0 4.9 7.3

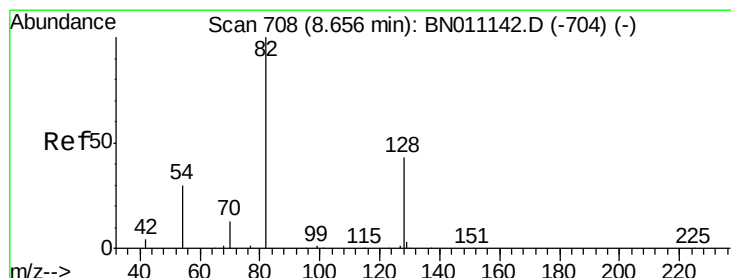
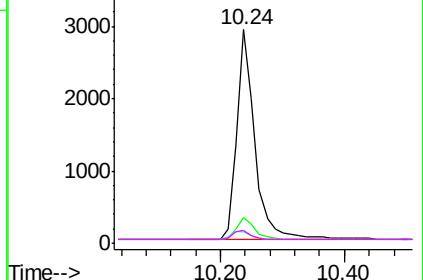
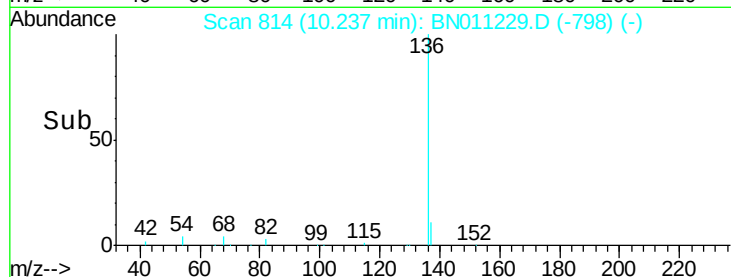


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.404 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.00 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

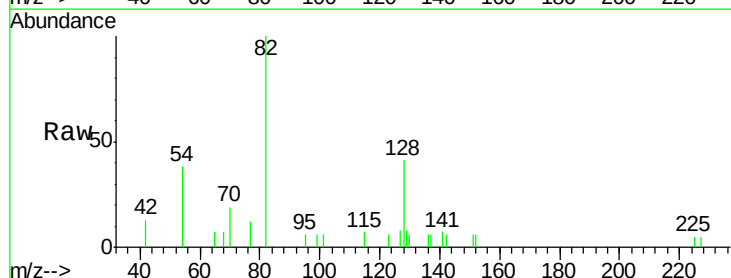
Tgt Ion: 82 Resp: 2139

Ion Ratio Lower Upper

82 100

128 41.4 38.1 57.1

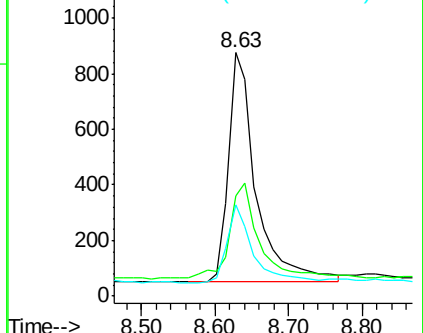
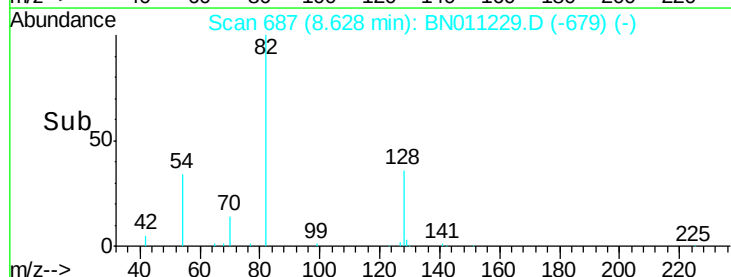
54 37.7 27.1 40.7

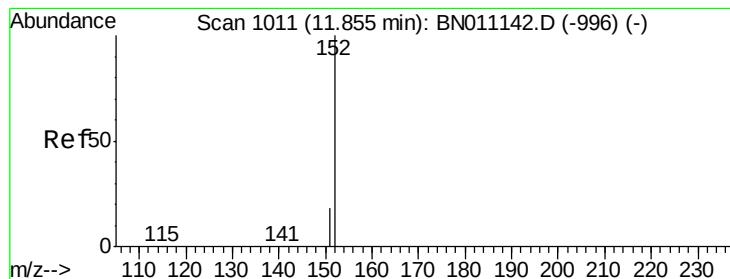


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.332 ng

RT: 11.84 min Scan# 987

Delta R.T. 0.00 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

Instrument :

BNA_N

ClientSampleId :

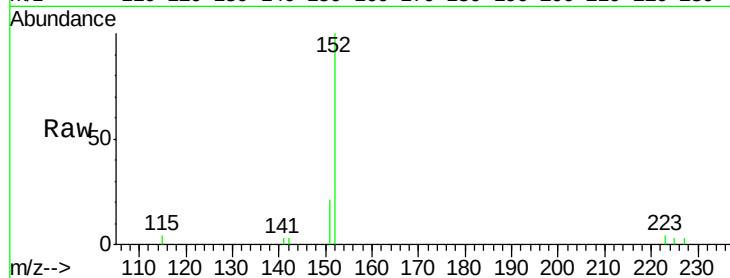
KY038PS037-200720

Tot Ion:152 Resp: 3224

Ion Ratio Lower Upper

152 100

151 19.8 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.84

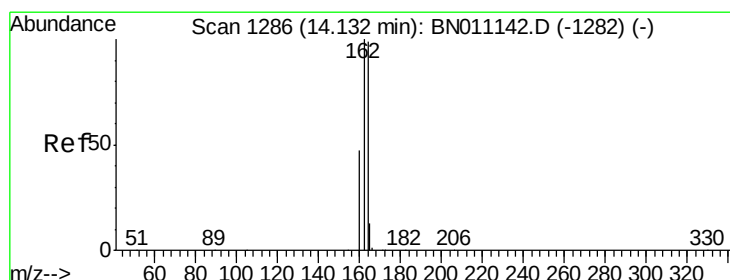
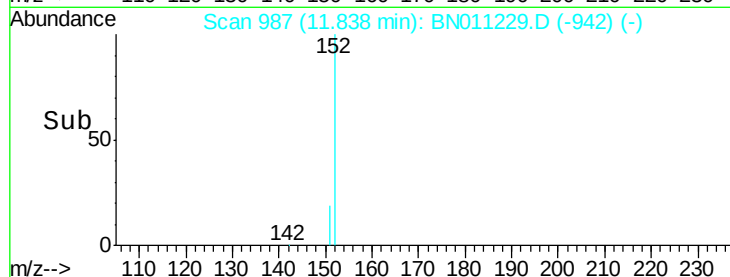
1500

1000

500

0

Time--> 11.70 11.80 11.90 12.00



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.12 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

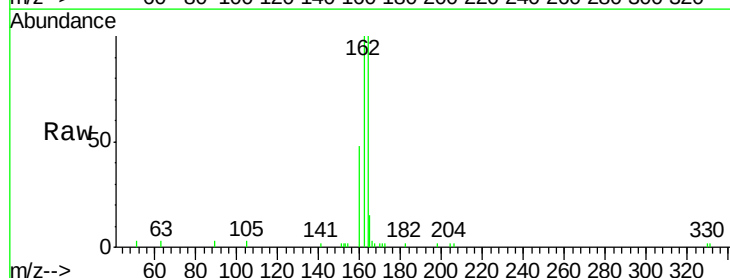
Tgt Ion:164 Resp: 3727

Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.4

160 48.5 39.0 58.6



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

14.12

3000

2500

2000

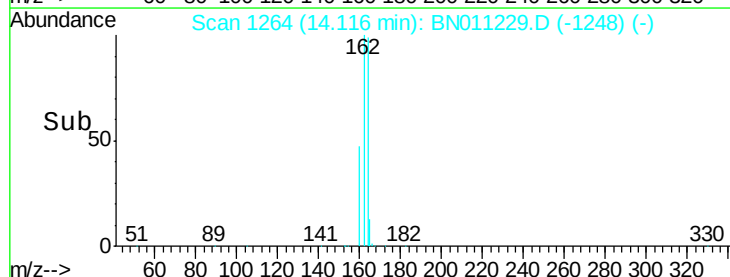
1500

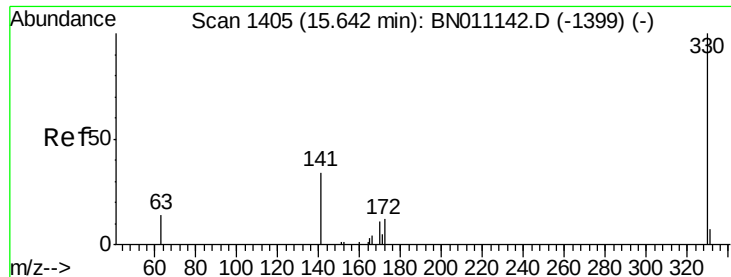
1000

500

0

Time--> 14.00 14.20

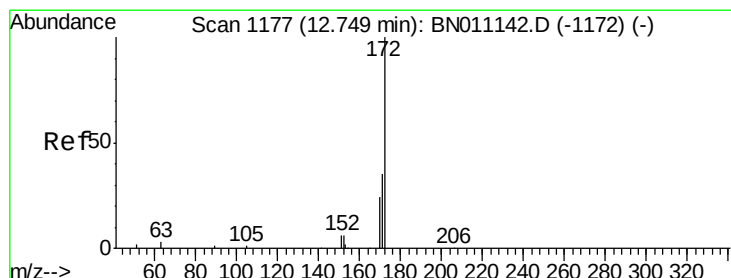
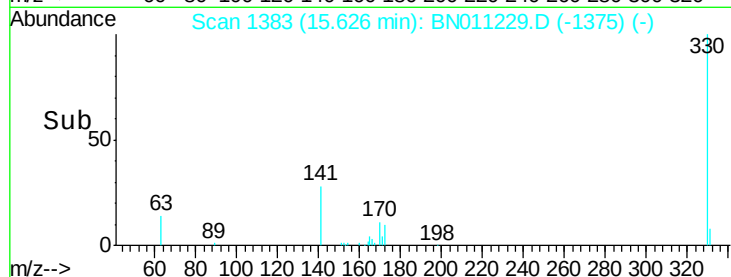
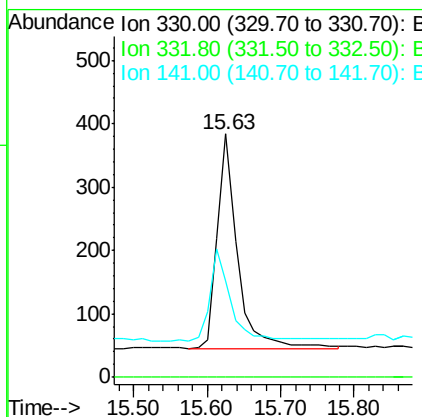
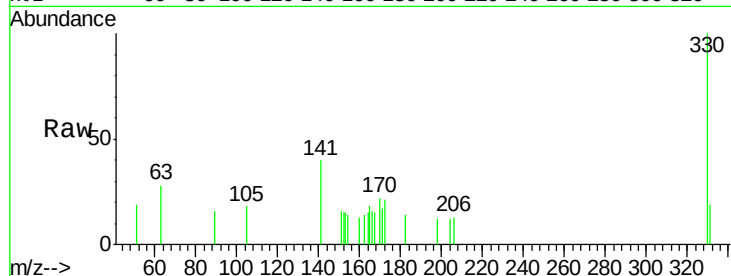




#14
 2,4,6-Tribromophenol
 Concen: 0.391 ng
 RT: 15.63 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BN011229.D
 Acq: 22 Jul 2020 22:00

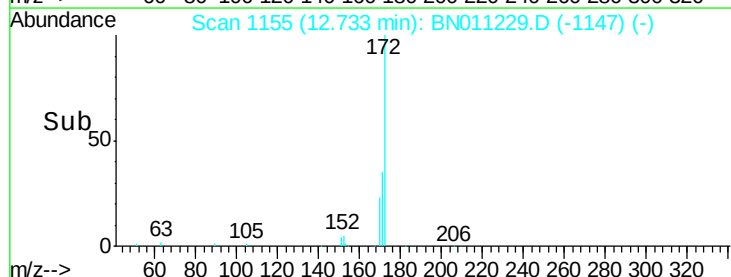
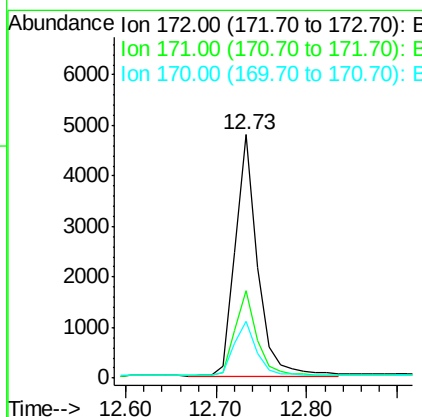
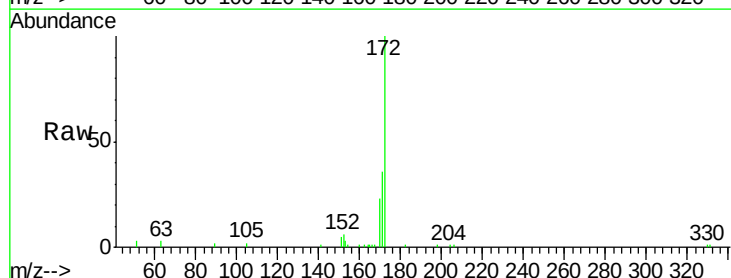
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 KY038PS037-200720

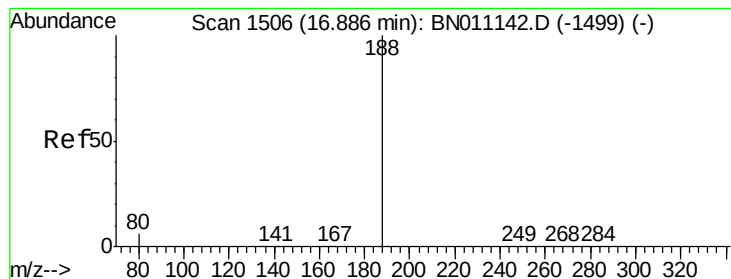
Tot Ion:330 Resp: 646
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 43.3 31.5 47.3



#15
 2-Fluorobiphenyl
 Concen: 0.468 ng
 RT: 12.73 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BN011229.D
 Acq: 22 Jul 2020 22:00

Tgt Ion:172 Resp: 8179
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 23.4 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.87 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200720

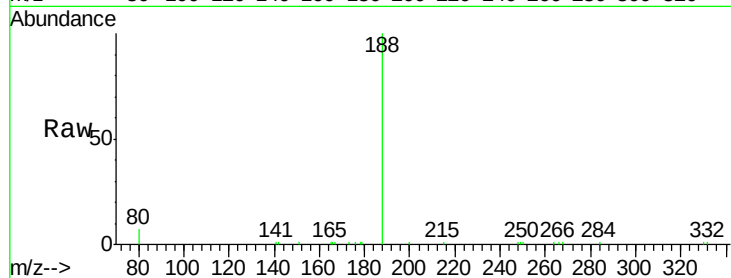
Tot Ion:188 Resp: 8428

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

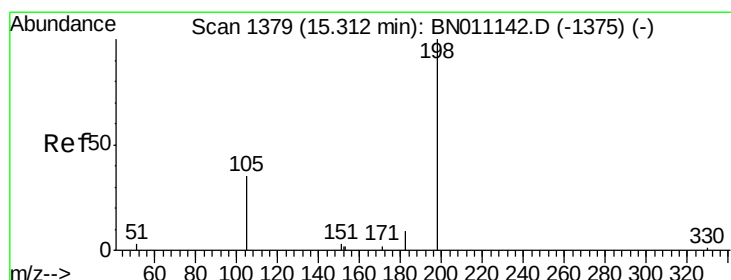
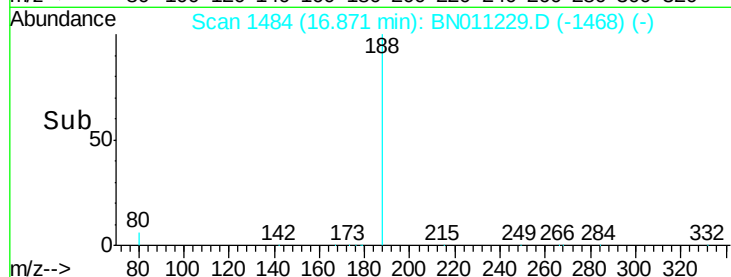
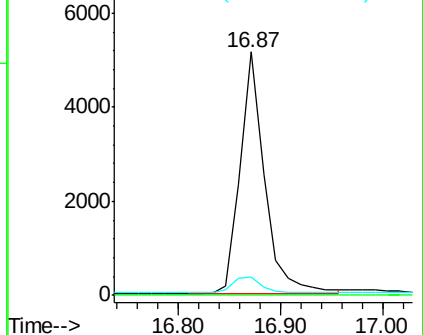
80 7.3 6.3 9.5



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



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 15.31 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

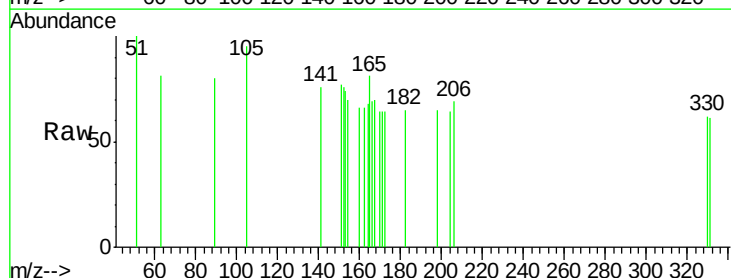
Tgt Ion:198 Resp: 11

Ion Ratio Lower Upper

198 100

51 154.2 53.1 79.7#

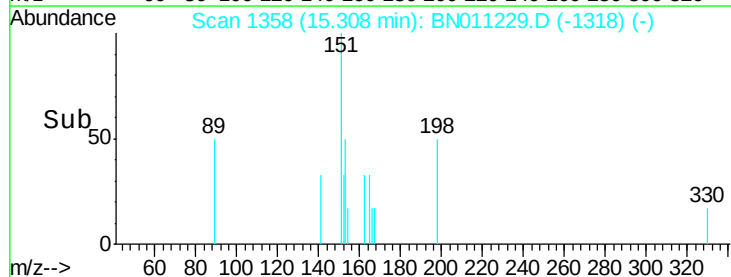
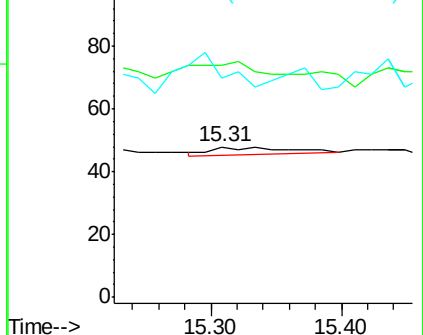
105 145.8 51.9 77.9#

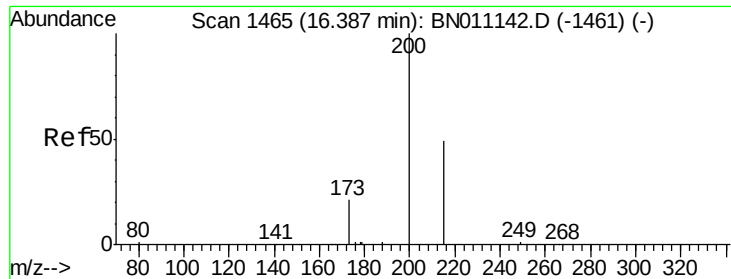


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

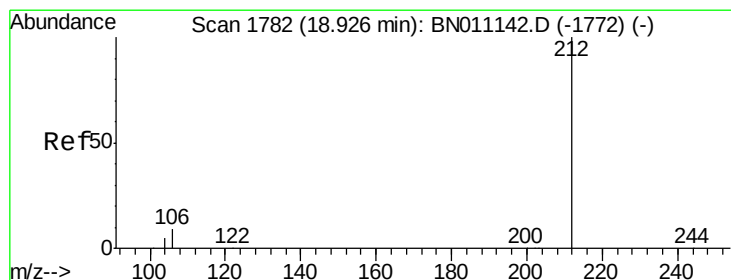
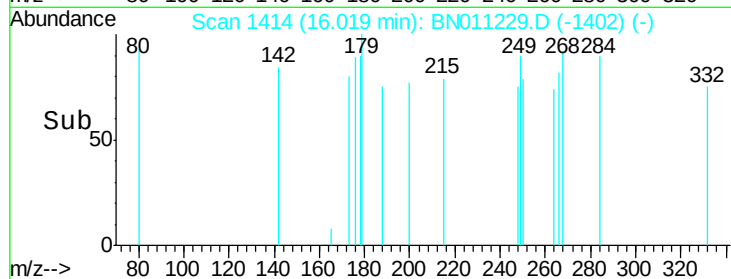
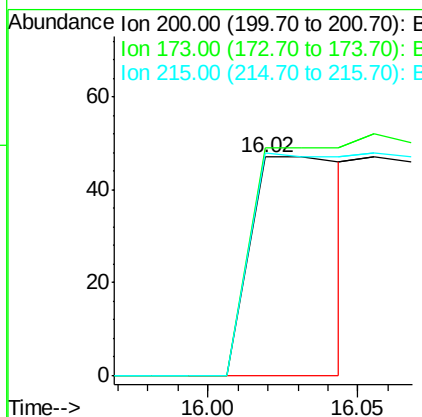
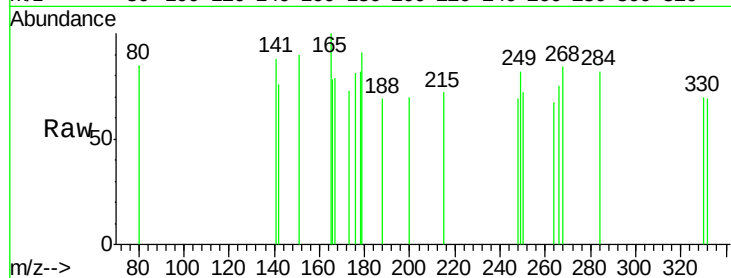




#23
Atrazine
Concen: 0.026 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.35 min
Lab File: BN011229.D
Acq: 22 Jul 2020 22:00

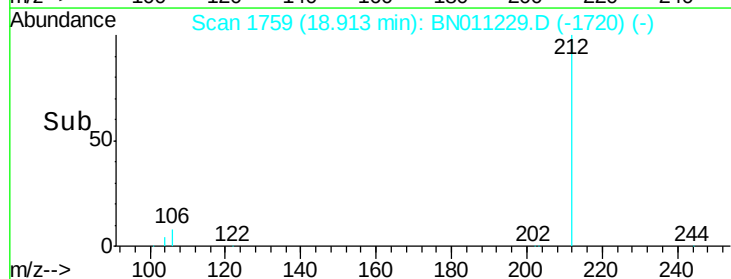
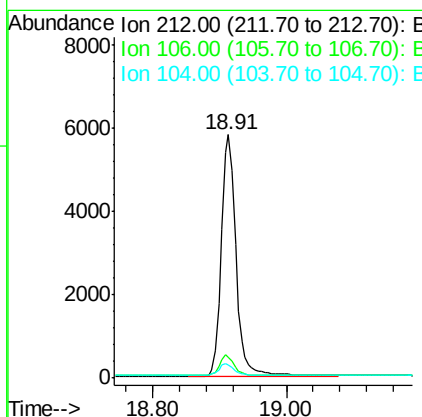
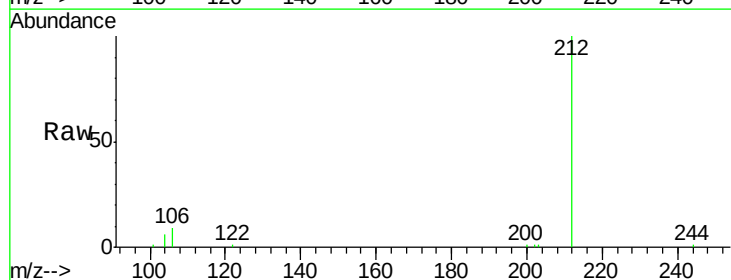
Instrument :
BNA_N
ClientSampleId :
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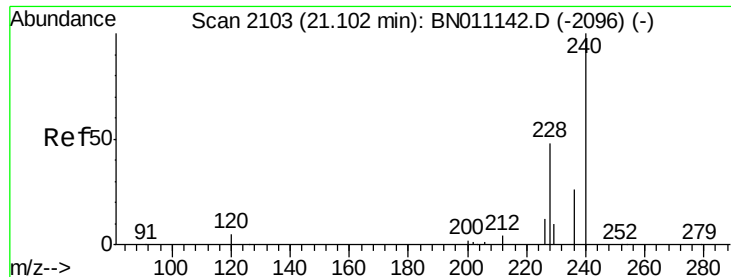
Tot Ion:200 Resp: 104
Ion Ratio Lower Upper
200 100
173 104.3 23.0 34.4#
215 102.1 42.6 63.8#



#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 18.91 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BN011229.D
Acq: 22 Jul 2020 22:00

Tgt Ion:212 Resp: 8891
Ion Ratio Lower Upper
212 100
106 8.1 7.0 10.6
104 4.8 4.2 6.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.09 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200720

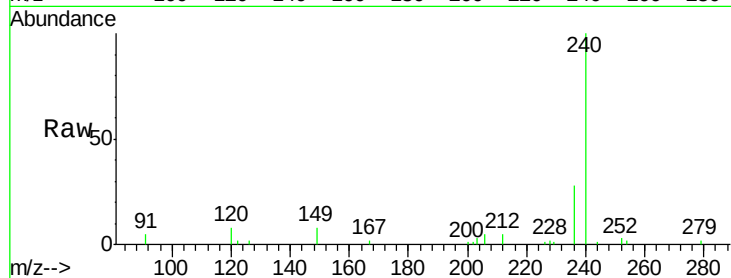
Tot Ion:240 Resp: 7222

Ion Ratio Lower Upper

240 100

120 7.9 6.5 9.7

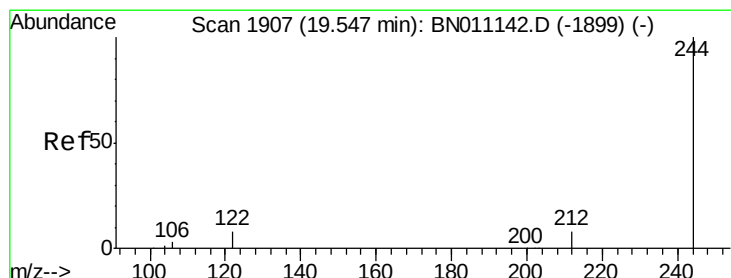
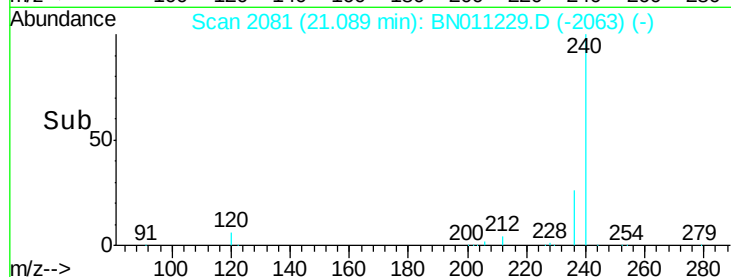
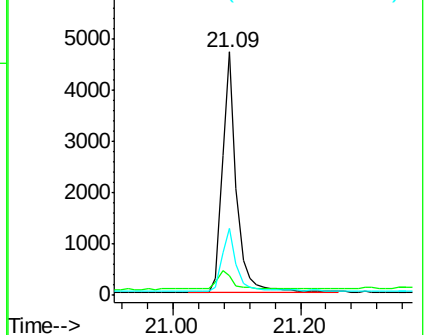
236 27.6 21.9 32.9



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



#31

Terphenyl-d14

Concen: 0.575 ng

RT: 19.53 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

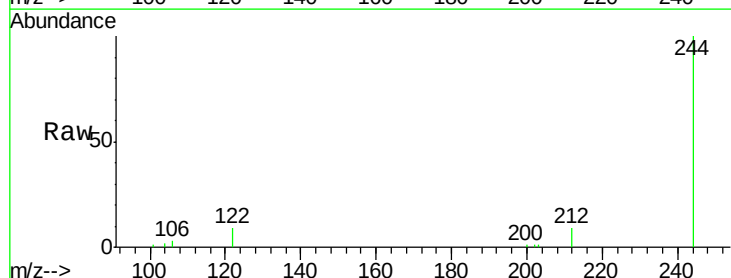
Tgt Ion:244 Resp: 10811

Ion Ratio Lower Upper

244 100

212 9.1 7.8 11.6

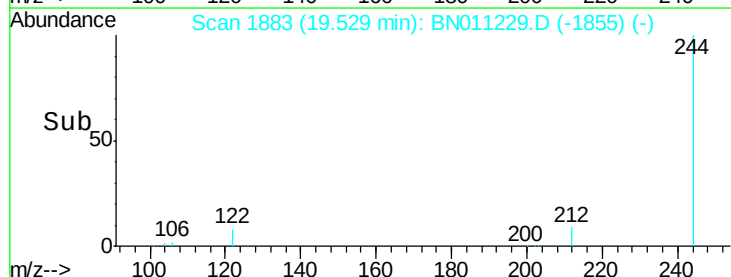
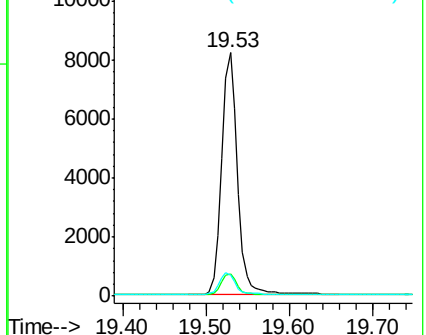
122 8.8 7.4 11.0

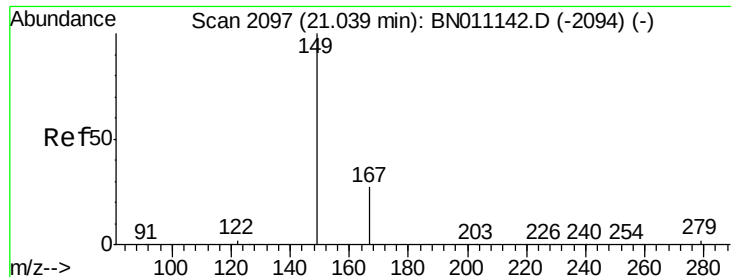


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.097 ng

RT: 21.02 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200720

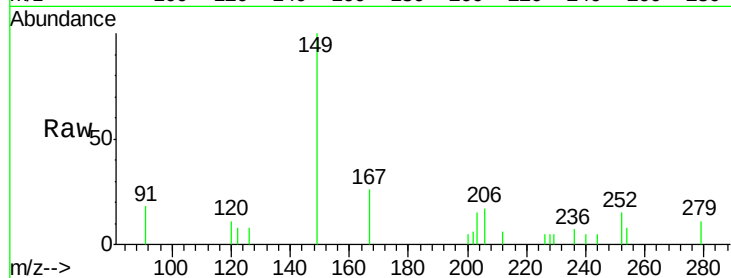
Tot Ion:149 Resp: 937

Ion Ratio Lower Upper

149 100

167 26.1 23.4 35.0

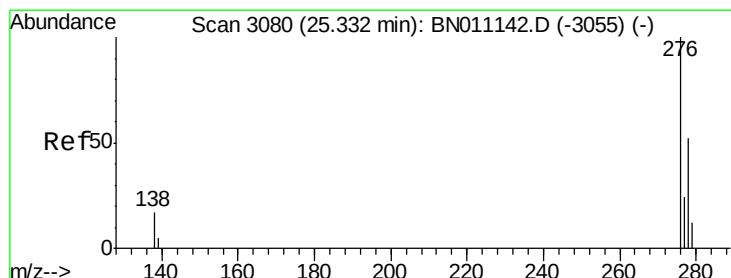
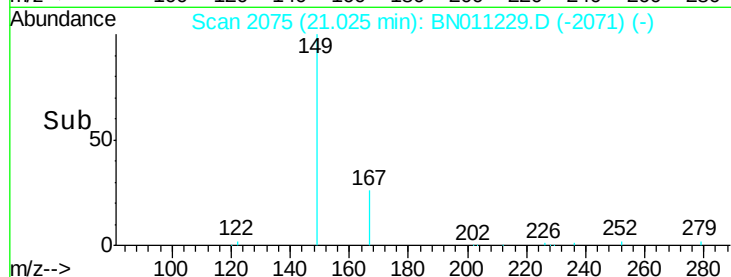
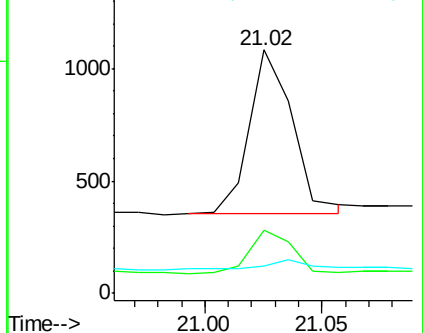
279 5.0 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#35

Indeno(1,2,3-cd)pyrene

Concen: Below Cal

RT: 25.34 min Scan# 3061

Delta R.T. 0.01 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

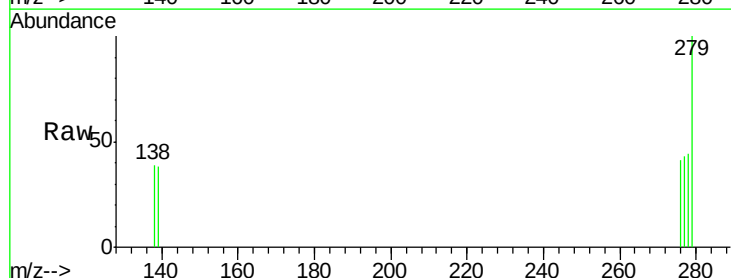
Tgt Ion:276 Resp: 43

Ion Ratio Lower Upper

276 100

138 30.2 13.0 19.6#

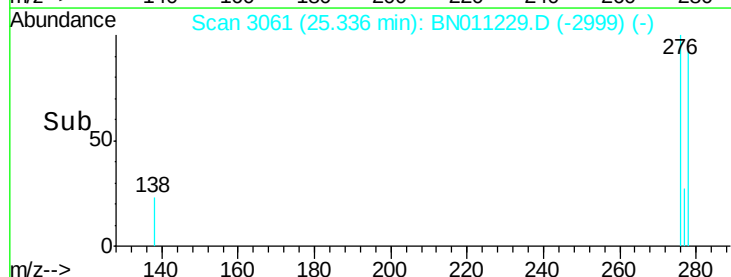
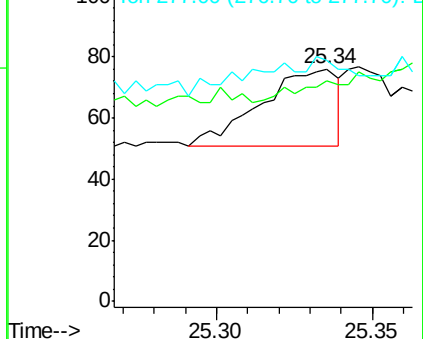
277 20.9 19.7 29.5

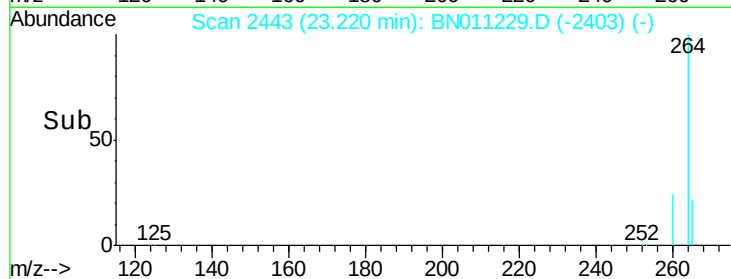
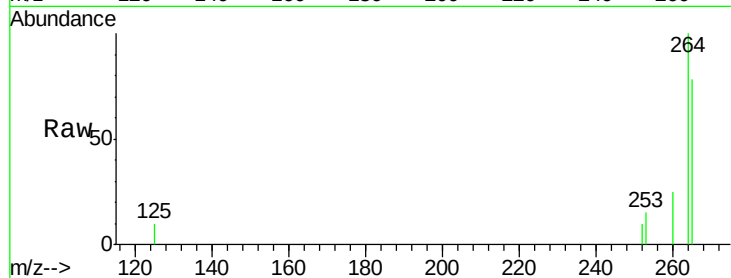
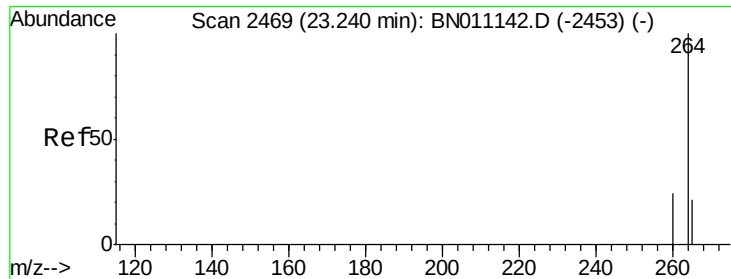


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BN011229.D

Acq: 22 Jul 2020 22:00

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200720

Tot Ion: 264 Resp: 6309

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 78.0 76.6 115.0

