

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072720\
 Data File : BN011269.D
 Acq On : 27 Jul 2020 12:21
 Operator : CG/JU
 Sample : L3416-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW180D-GW-20200720

Quant Time: Jul 27 13:17:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 27 10:06:24 2020
 Response via : Initial Calibration

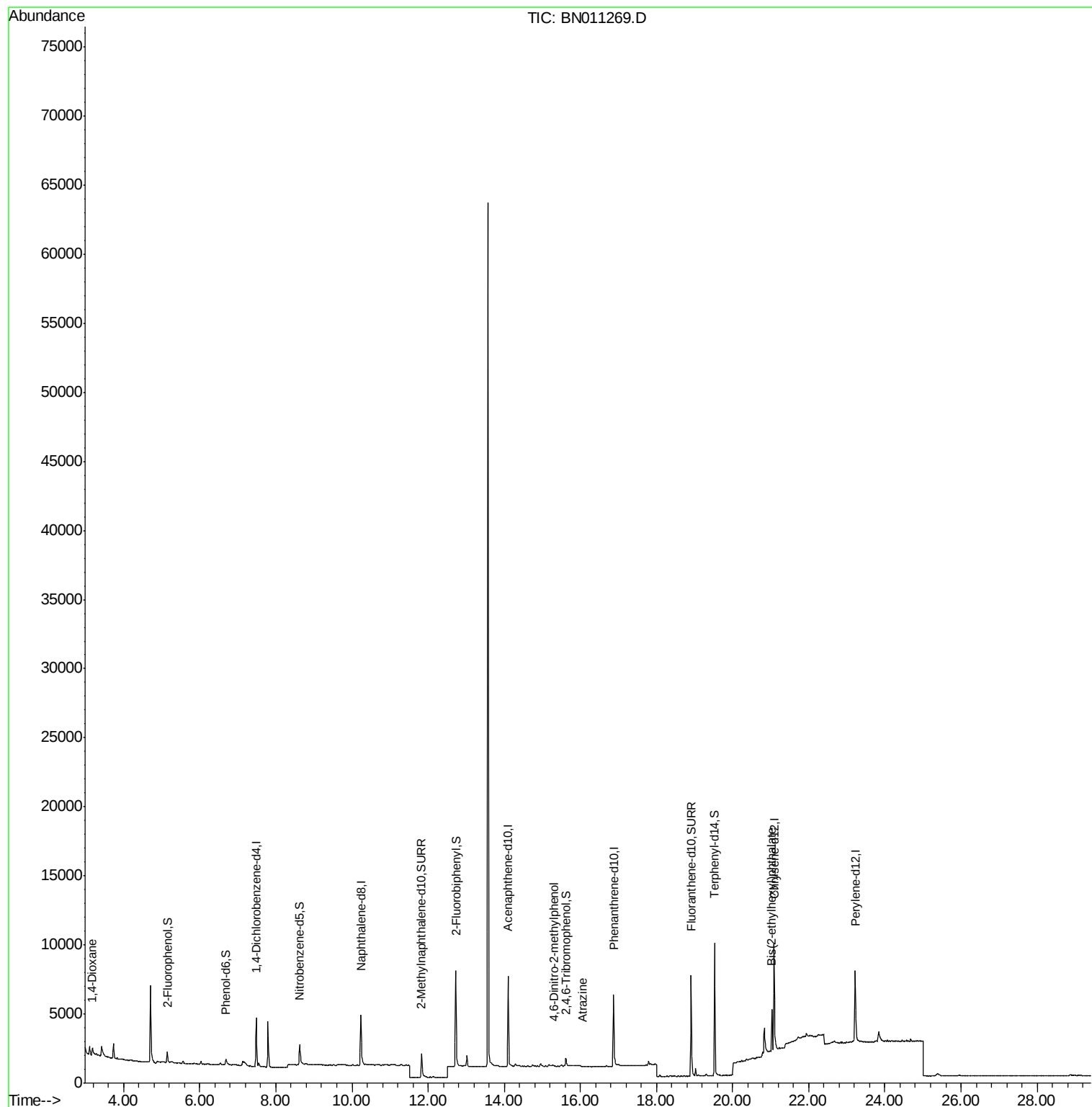
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1873	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	6702	0.40	ng	0.01
13) Acenaphthene-d10	14.10	164	4065	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	9050	0.40	ng	0.01
29) Chrysene-d12	21.09	240	8256	0.40	ng	0.01
36) Perylene-d12	23.22	264	7024	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	758	0.16	ng	0.00
5) Phenol-d6	6.69	99	521	0.10	ng	0.00
8) Nitrobenzene-d5	8.63	82	2016	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	11.83	152	3067	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	576	0.32	ng	0.01
15) 2-Fluorobiphenyl	12.73	172	7920	0.42	ng	0.01
27) Fluoranthene-d10	18.91	212	9505	0.33	ng	0.00
31) Terphenyl-d14	19.52	244	10897	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.19	88	475	0.177	ng	# 70
20) 4,6-Dinitro-2-methylphenol	15.30	198	12	0.140	ng	# 1
23) Atrazine	16.06	200	307	0.071	ng	# 9
34) Bis(2-ethylhexyl)phthalate	21.02	149	3196	0.290	ng	96
35) Indeno(1,2,3-cd)pyrene	25.34	276	51	Below Cal	#	92

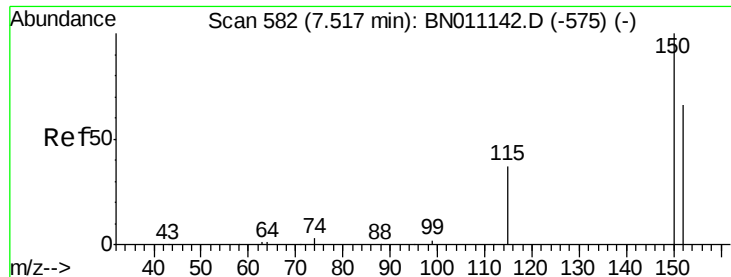
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 27 13:17:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 27 10:06:24 2020
Response via : Initial Calibration



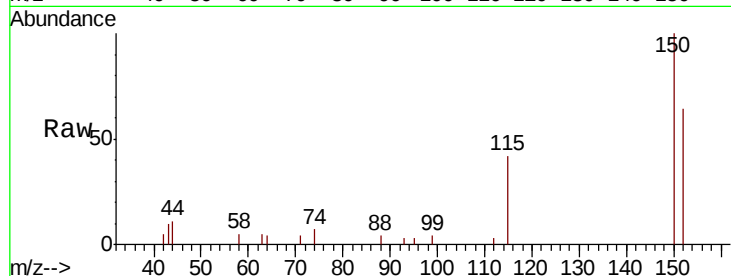


#1

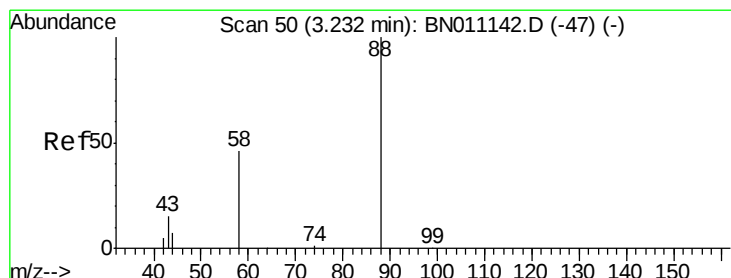
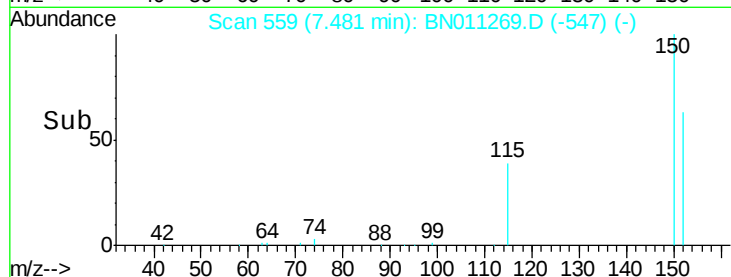
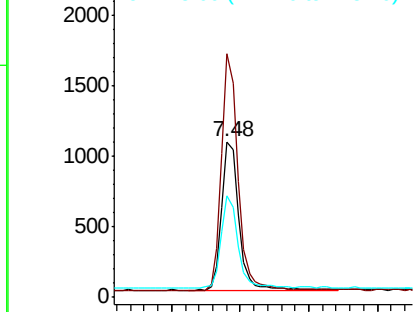
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.00 min
Lab File: BN011269.D
Acq: 27 Jul 2020 12:21

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW180D-GW-20200720

Tot Ion:152 Resp: 1873
Ion Ratio Lower Upper
152 100
150 156.4 119.4 179.0
115 65.3 48.3 72.5



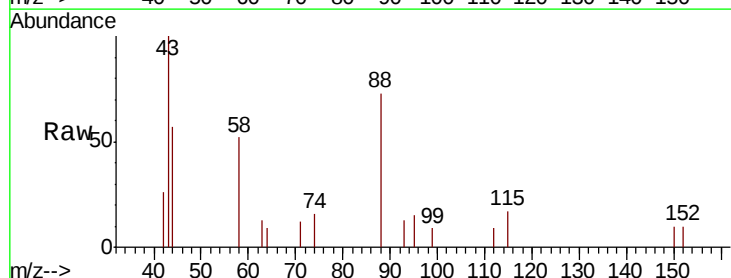
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



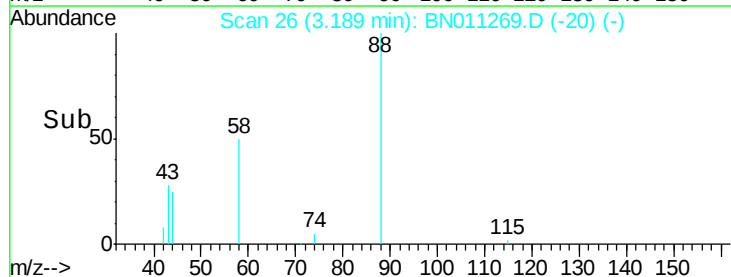
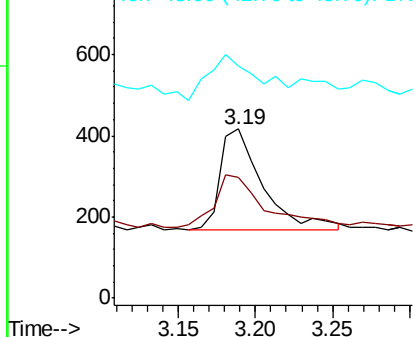
#2

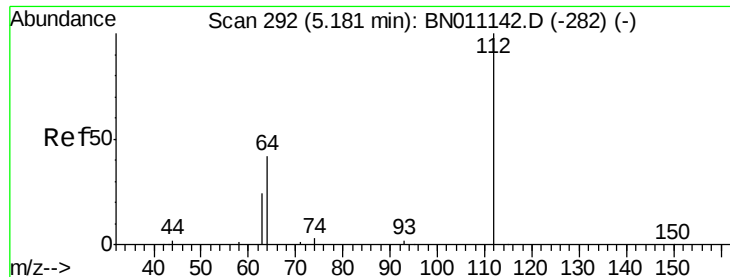
1,4-Dioxane
Concen: 0.177 ng
RT: 3.19 min Scan# 26
Delta R.T. -0.00 min
Lab File: BN011269.D
Acq: 27 Jul 2020 12:21

Tgt Ion: 88 Resp: 475
Ion Ratio Lower Upper
88 100
58 52.8 36.5 54.7
43 53.1 14.3 21.5#



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: 0.164 ng

RT: 5.15 min Scan# 269

Delta R.T. 0.01 min

Lab File: BN011269.D

Acq: 27 Jul 2020 12:21

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D-GW-20200720

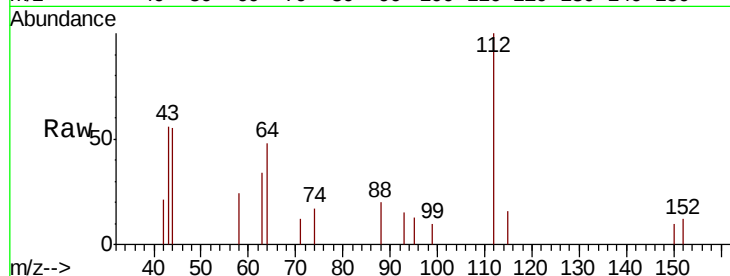
Tot Ion: 112 Resp: 758

Ion Ratio Lower Upper

112 100

64 46.2 36.7 55.1

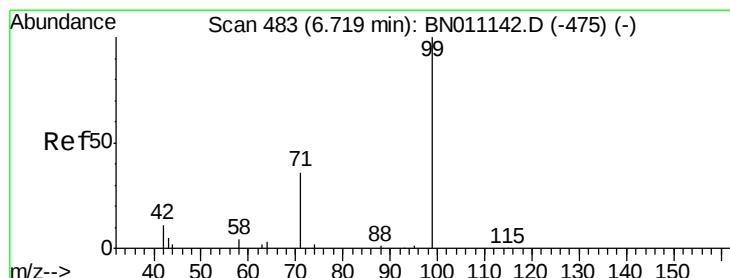
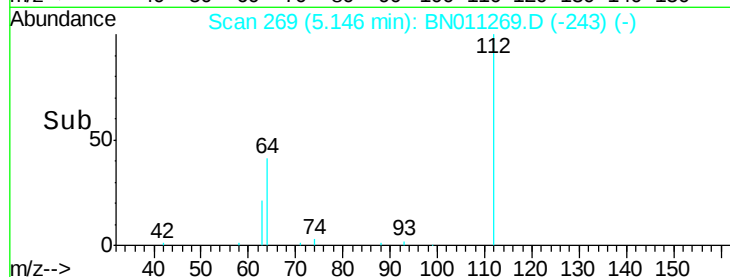
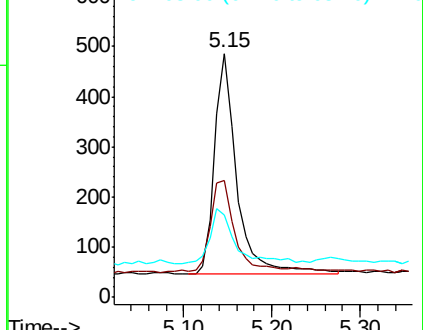
63 27.4 20.4 30.6



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: 0.100 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.01 min

Lab File: BN011269.D

Acq: 27 Jul 2020 12:21

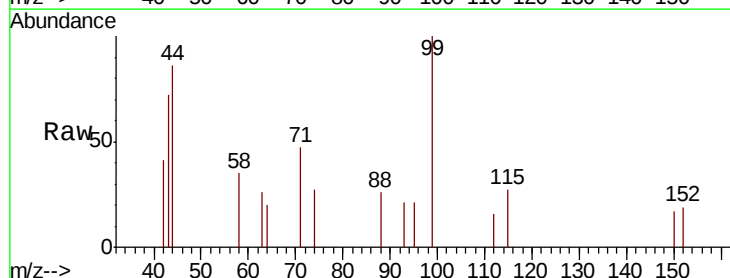
Tgt Ion: 99 Resp: 521

Ion Ratio Lower Upper

99 100

42 20.9 10.8 16.2#

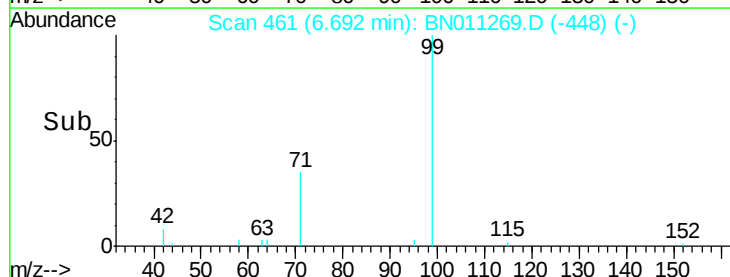
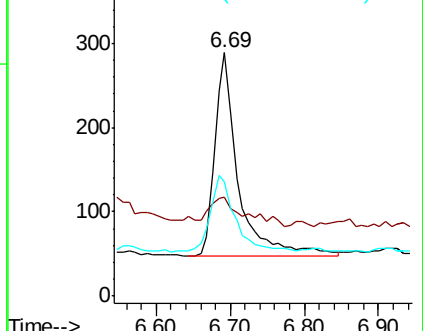
71 39.5 31.3 46.9

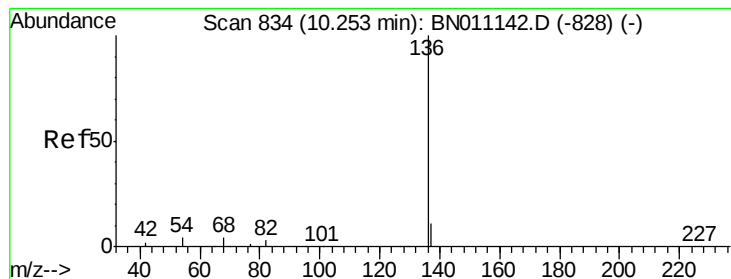


Abundance Ion 99.00 (98.70 to 99.70): BNO

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. 0.01 min

Lab File: BN011269.D

Acq: 27 Jul 2020 12:21

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D-GW-20200720

Tot Ion:136 Resp: 6702

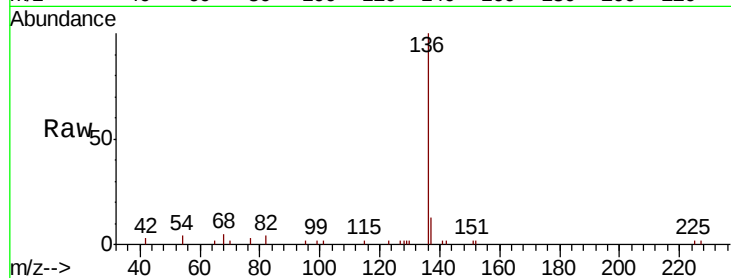
Ion Ratio Lower Upper

136 100

137 12.6 10.3 15.5

54 4.4 4.9 7.3#

68 4.9 4.9 7.3

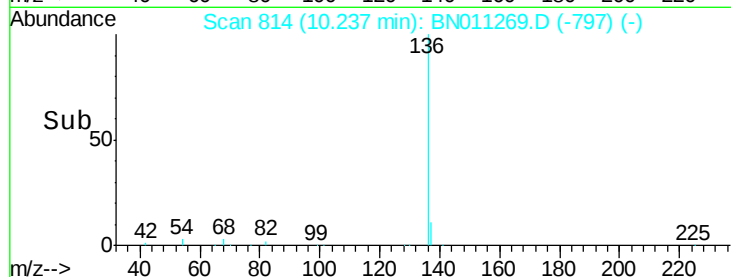


Abundance Ion 136.00 (135.70 to 136.70): E

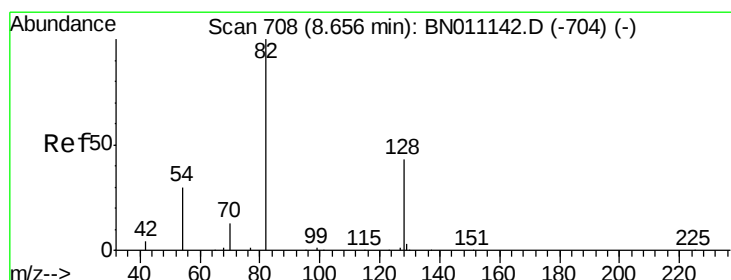
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.339 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.01 min

Lab File: BN011269.D

Acq: 27 Jul 2020 12:21

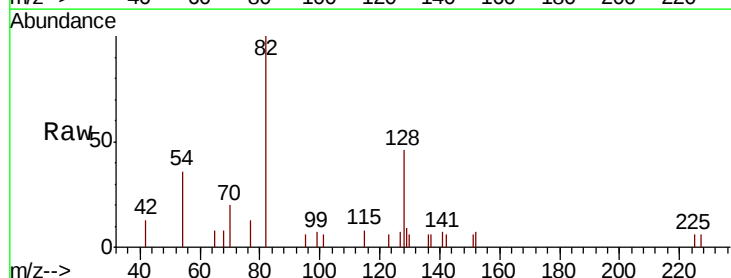
Tgt Ion: 82 Resp: 2016

Ion Ratio Lower Upper

82 100

128 45.6 38.1 57.1

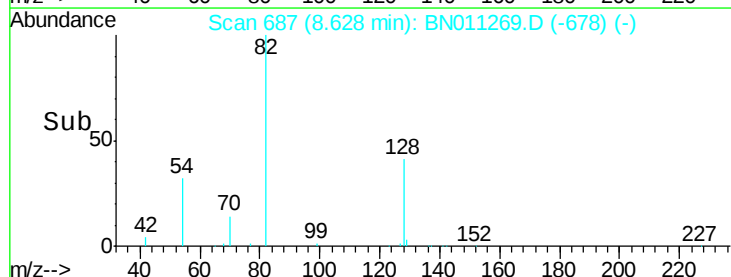
54 36.3 27.1 40.7



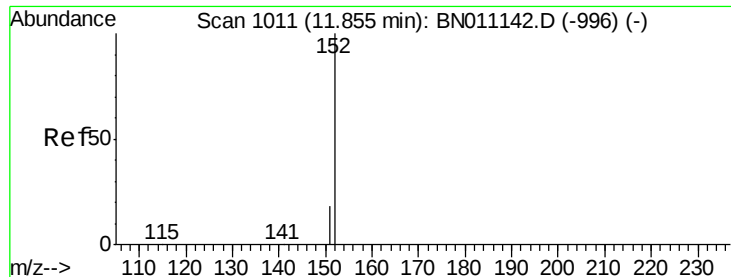
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.282 ng

RT: 11.83 min Scan# 985

Delta R.T. 0.00 min

Lab File: BN011269.D

Acq: 27 Jul 2020 12:21

Instrument :

BNA_N

ClientSampleId :

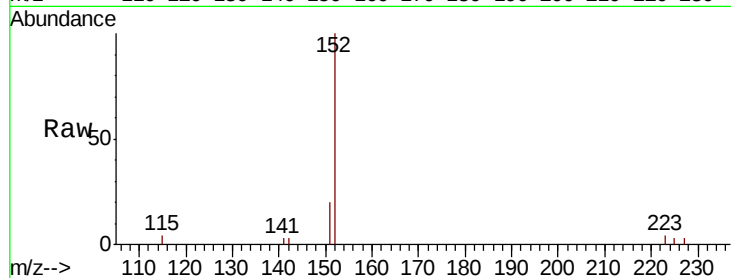
BP-TT-MW180D-GW-20200720

Tot Ion:152 Resp: 3067

Ion Ratio Lower Upper

152 100

151 19.4 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.83

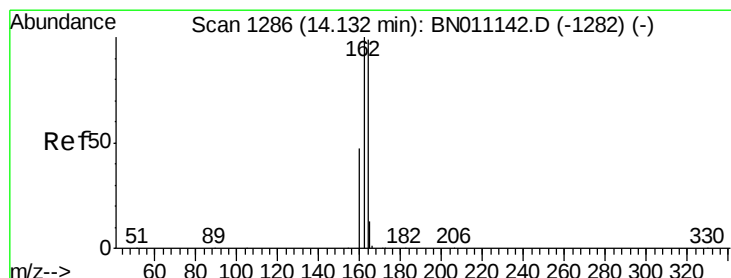
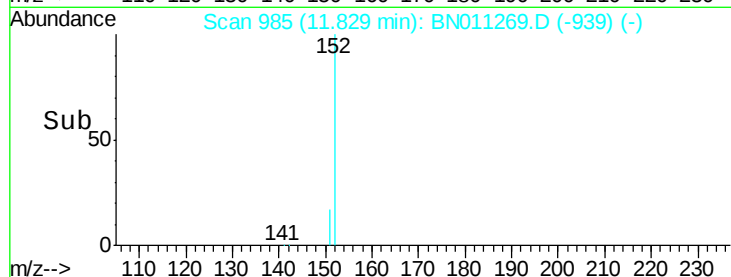
1500

1000

500

0

Time--> 11.70 11.80 11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BN011269.D

Acq: 27 Jul 2020 12:21

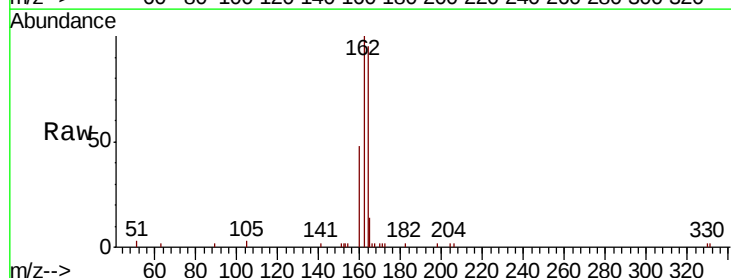
Tgt Ion:164 Resp: 4065

Ion Ratio Lower Upper

164 100

162 104.8 81.0 121.4

160 50.5 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

14.10

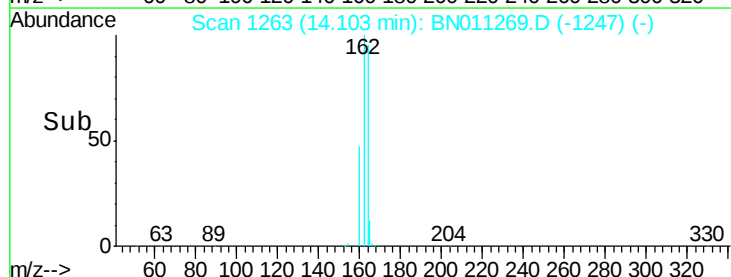
3000

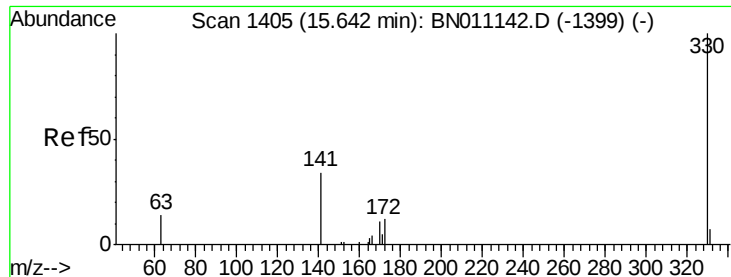
2000

1000

0

Time--> 14.00 14.20

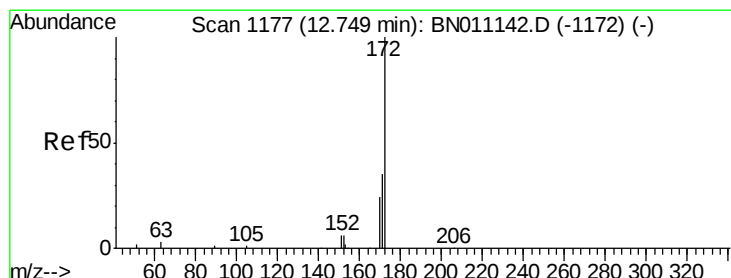
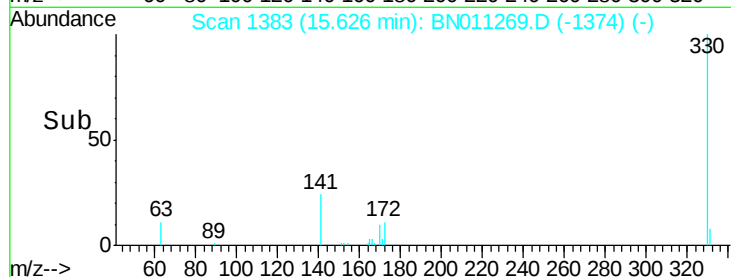
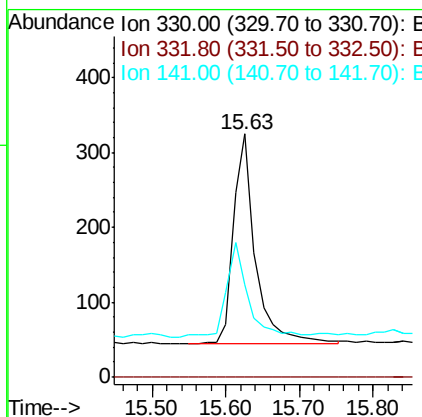
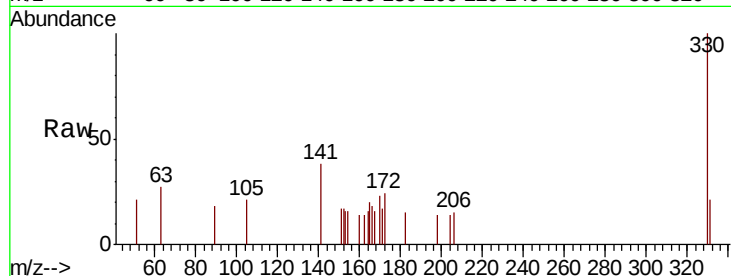




#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.63 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BN011269.D
Acq: 27 Jul 2020 12:21

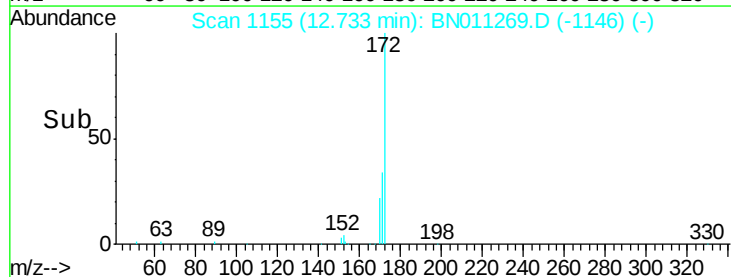
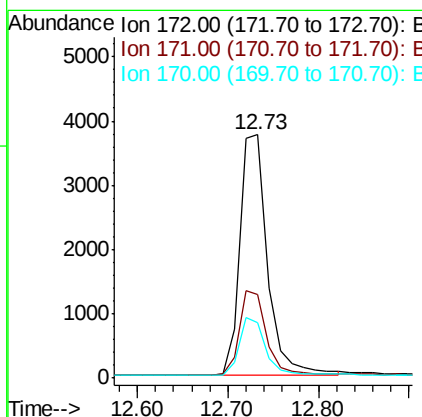
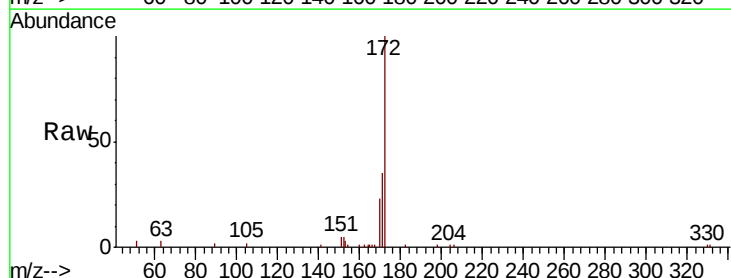
Instrument :
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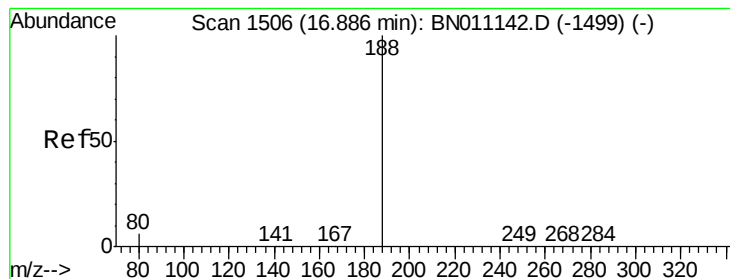
Tot Ion:330 Resp: 576
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.8 31.5 47.3



#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BN011269.D
Acq: 27 Jul 2020 12:21

Tgt Ion:172 Resp: 7920
Ion Ratio Lower Upper
172 100
171 34.5 29.0 43.6
170 22.9 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.87 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BN011269.D

Acq: 27 Jul 2020 12:21

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D-GW-20200720

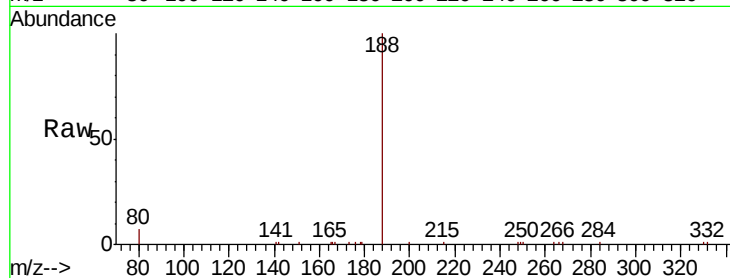
Tot Ion:188 Resp: 9050

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

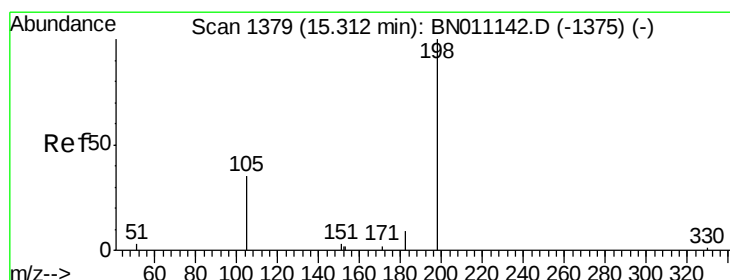
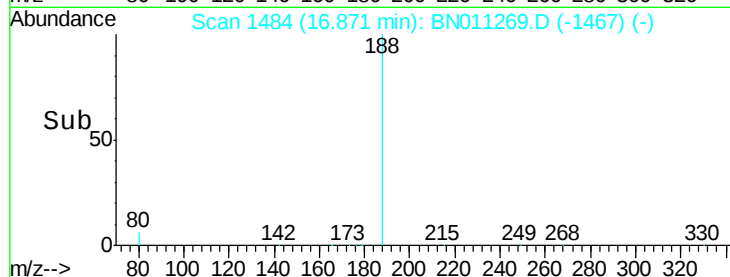
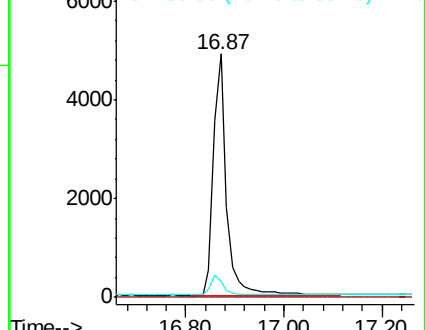
80 6.6 6.3 9.5



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: 15.30 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BN011269.D

Acq: 27 Jul 2020 12:21

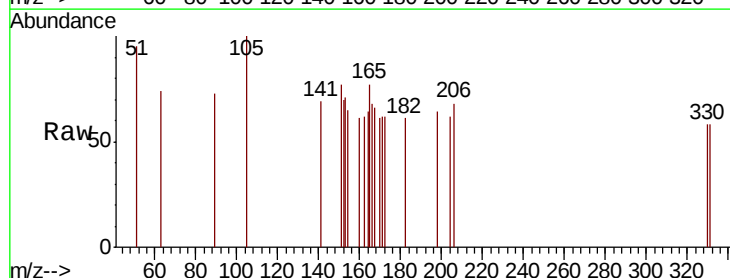
Tgt Ion:198 Resp: 12

Ion Ratio Lower Upper

198 100

51 149.0 53.1 79.7#

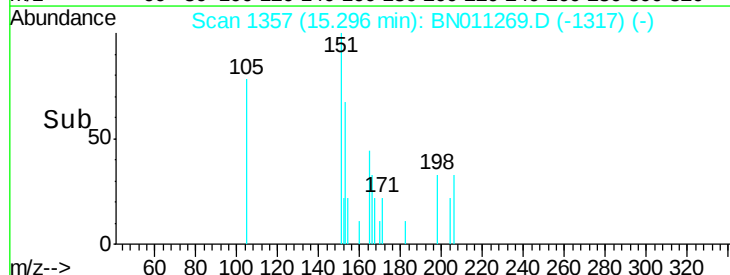
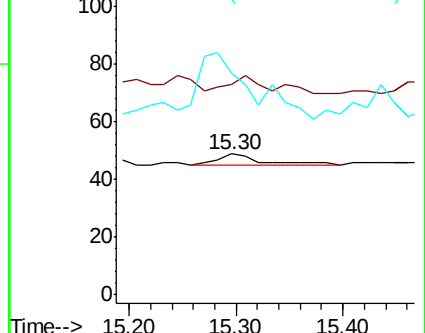
105 157.1 51.9 77.9#

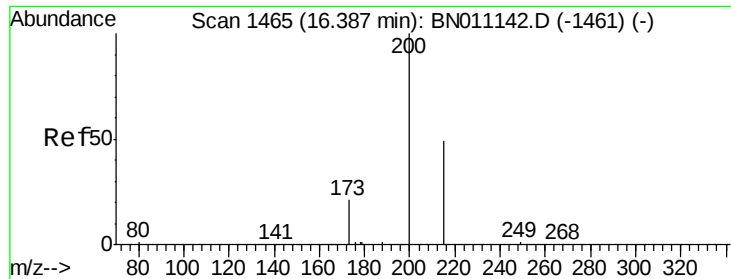


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

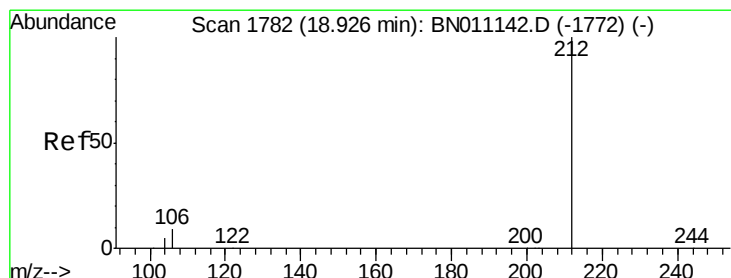
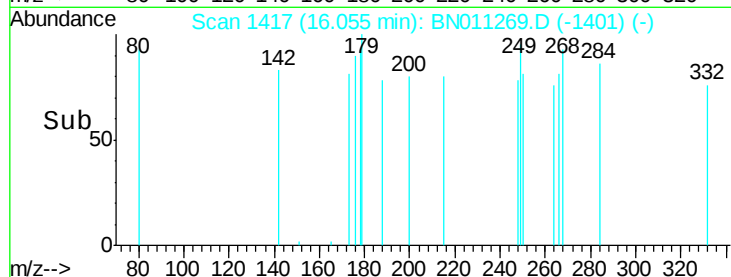
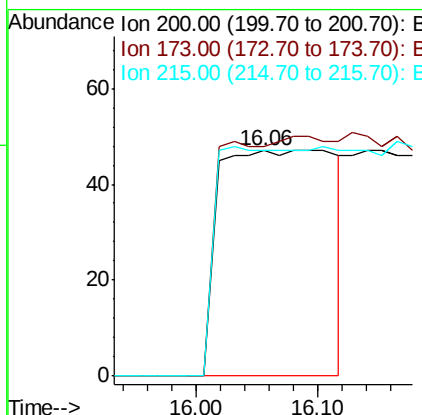
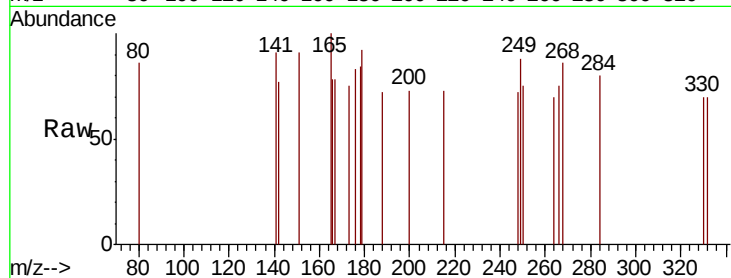




#23
Atrazine
Concen: 0.071 ng
RT: 16.06 min Scan# 1417
Delta R.T. -0.30 min
Lab File: BN011269.D
Acq: 27 Jul 2020 12:21

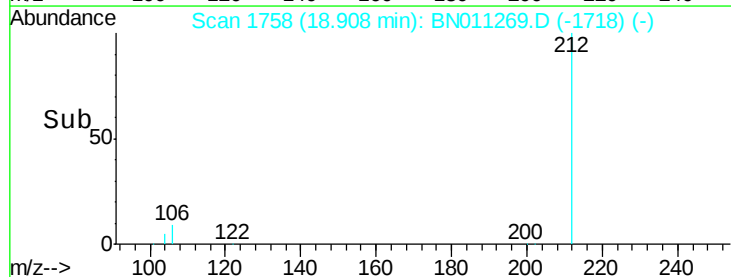
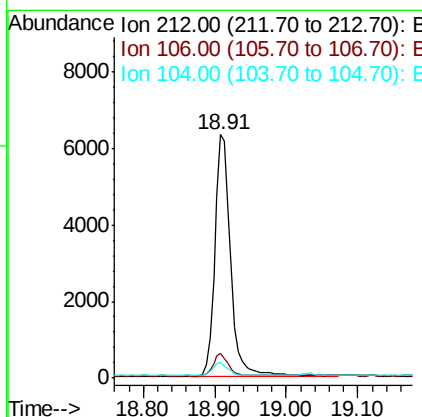
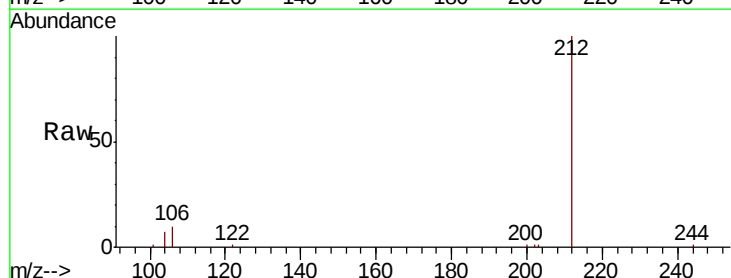
Instrument :
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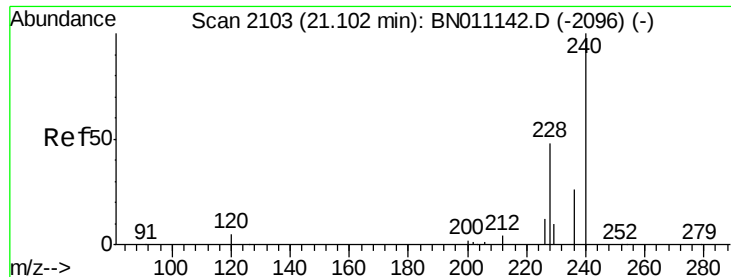
Tot Ion:200 Resp: 307
Ion Ratio Lower Upper
200 100
173 102.1 23.0 34.4#
215 100.0 42.6 63.8#



#27
Fluoranthene-d10
Concen: 0.333 ng
RT: 18.91 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BN011269.D
Acq: 27 Jul 2020 12:21

Tgt Ion:212 Resp: 9505
Ion Ratio Lower Upper
212 100
106 8.9 7.0 10.6
104 5.3 4.2 6.4

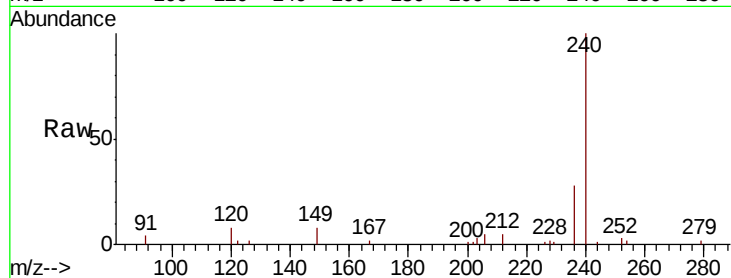




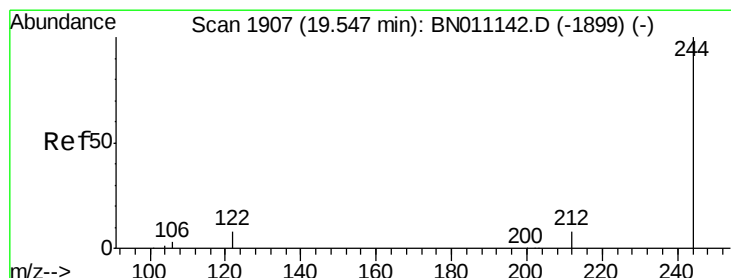
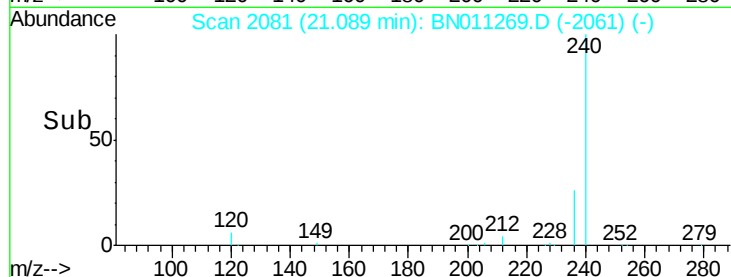
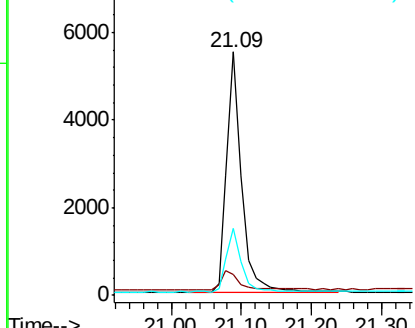
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.09 min Scan# 2081
Delta R.T. 0.01 min
Lab File: BN011269.D
Acq: 27 Jul 2020 12:21

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW180D-GW-20200720

Tot Ion:240 Resp: 8256
Ion Ratio Lower Upper
240 100
120 8.5 6.5 9.7
236 27.6 21.9 32.9

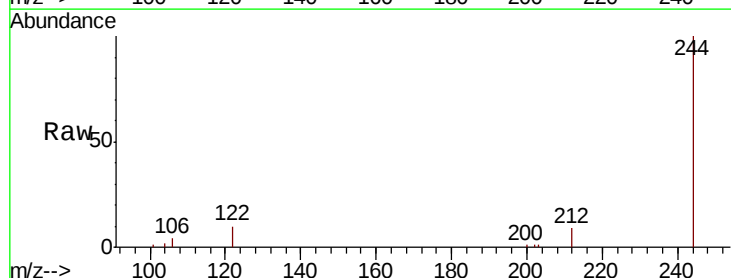


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

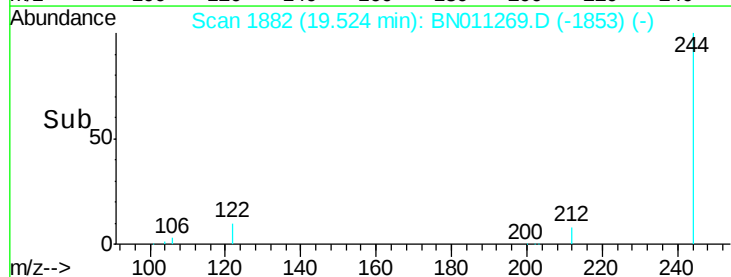
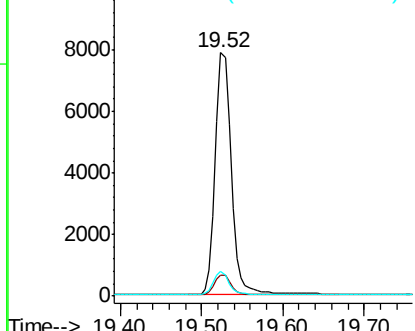


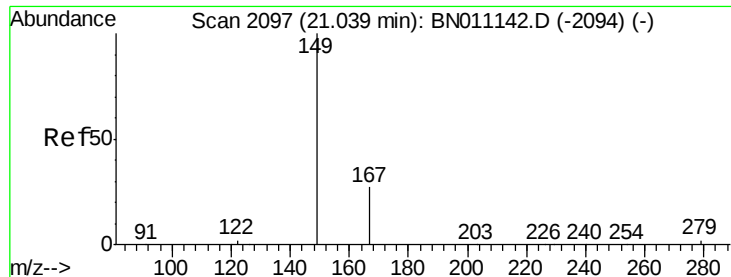
#31
Terphenyl-d14
Concen: 0.507 ng
RT: 19.52 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BN011269.D
Acq: 27 Jul 2020 12:21

Tgt Ion:244 Resp: 10897
Ion Ratio Lower Upper
244 100
212 8.8 7.8 11.6
122 10.2 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: 0.290 ng

RT: 21.02 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BN011269.D

Acq: 27 Jul 2020 12:21

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D-GW-20200720

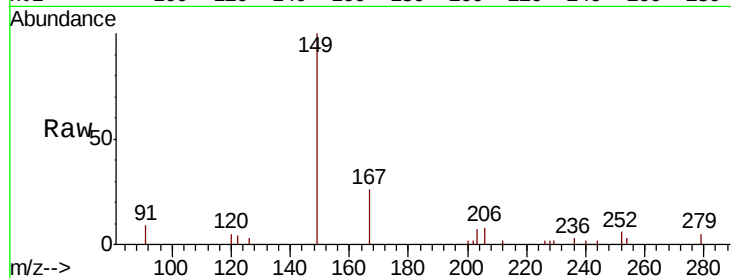
Tot Ion:149 Resp: 3196

Ion Ratio Lower Upper

149 100

167 27.1 23.4 35.0

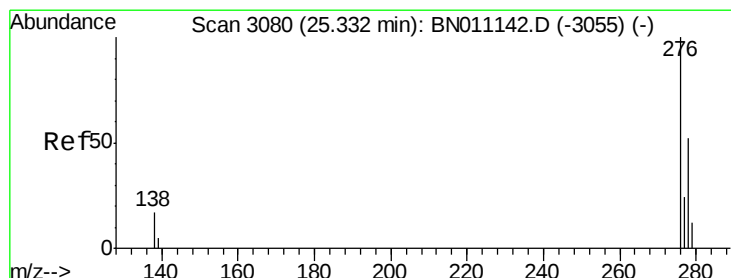
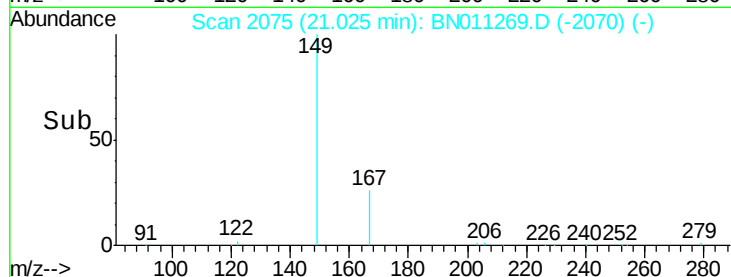
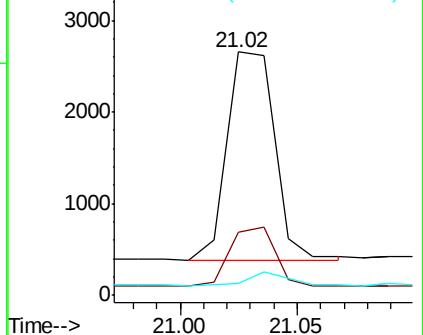
279 5.2 4.5 6.7



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. 0.04 min

Lab File: BN011269.D

Acq: 27 Jul 2020 12:21

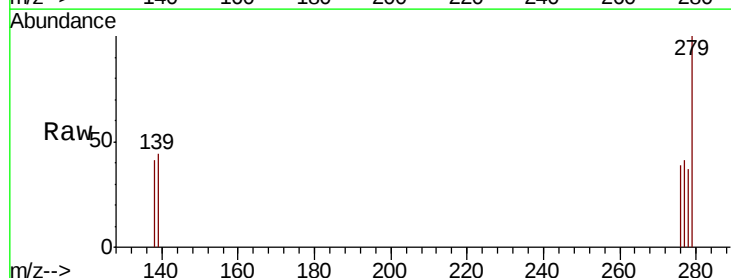
Tgt Ion:276 Resp: 51

Ion Ratio Lower Upper

276 100

138 11.8 13.0 19.6#

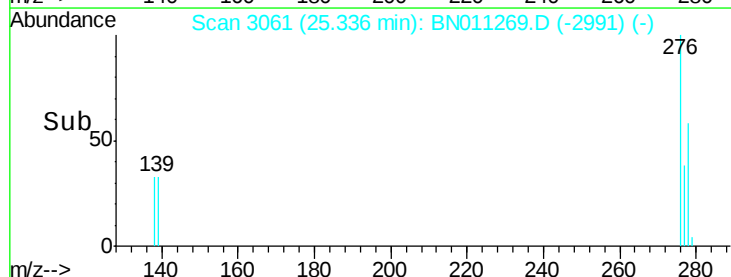
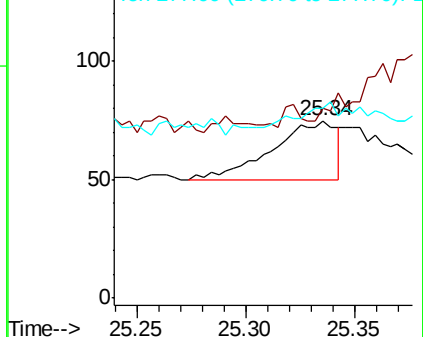
277 27.5 19.7 29.5

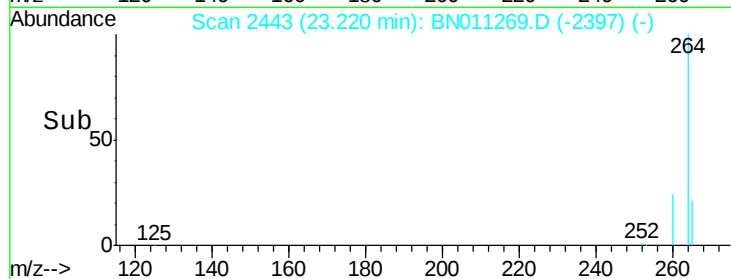
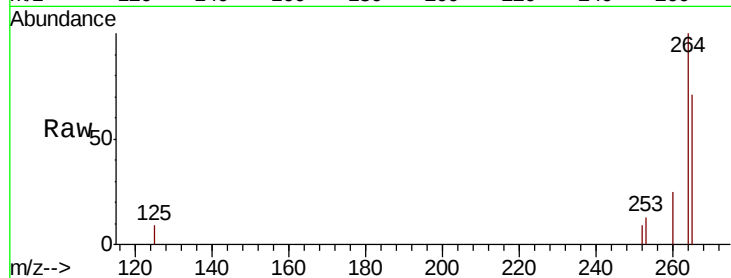
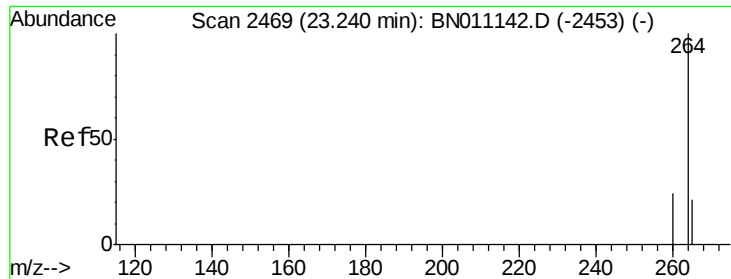


Abundance Ion 276.00 (275.70 to 276.70): E

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: BN011269.D

Acq: 27 Jul 2020 12:21

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D-GW-20200720

Tot Ion:264 Resp: 7024

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 70.8 76.6 115.0#

