

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072720\
 Data File : BN011268.D
 Acq On : 27 Jul 2020 11:45
 Operator : CG/JU
 Sample : L3416-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW180D1-GW-20200720

Quant Time: Jul 27 12:22:48 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

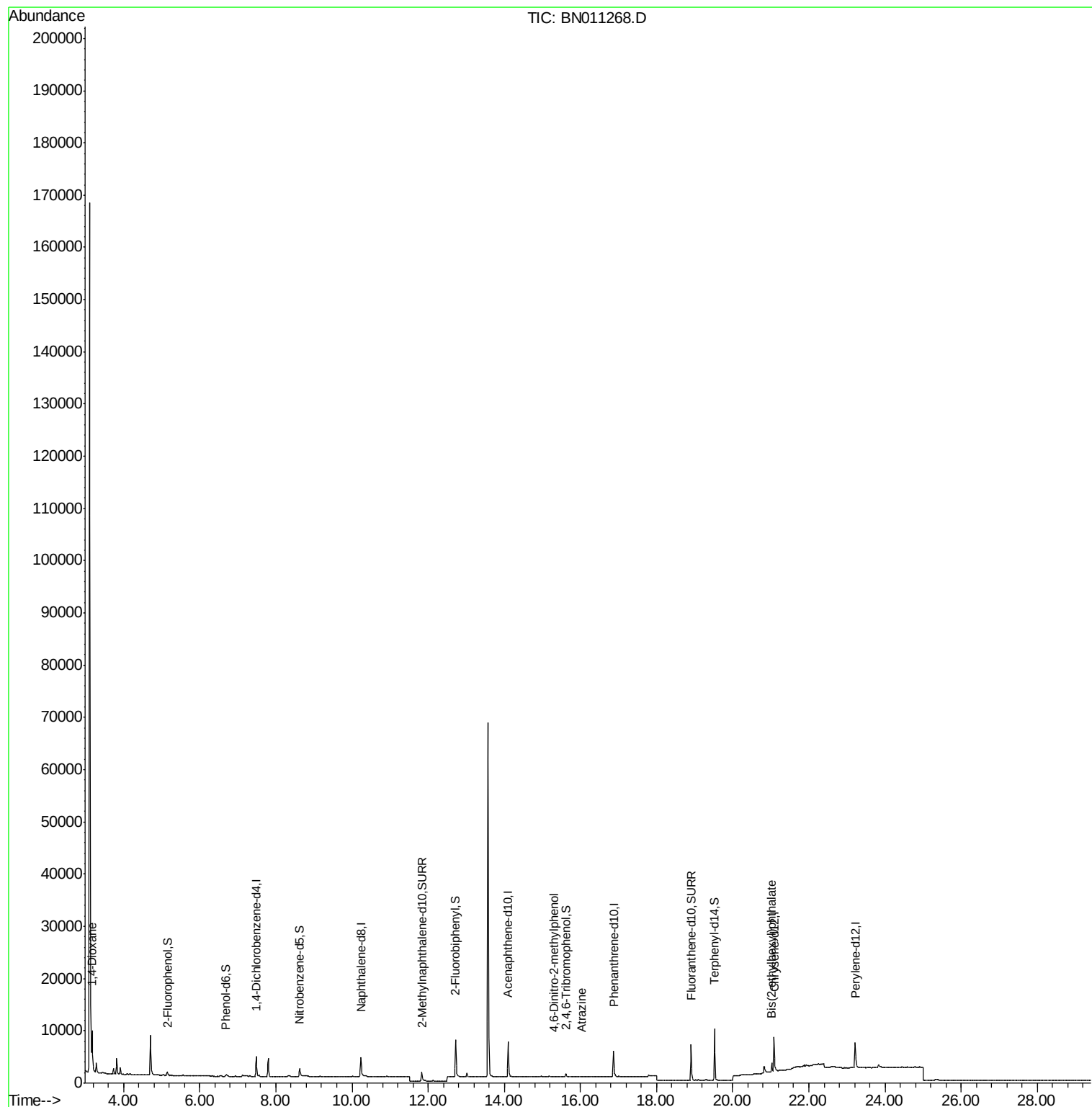
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	2097	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	6687	0.40	ng	0.01
13) Acenaphthene-d10	14.10	164	4116	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	8647	0.40	ng	0.01
29) Chrysene-d12	21.09	240	7509	0.40	ng	0.01
36) Perylene-d12	23.22	264	6862	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	674	0.13	ng	0.00
5) Phenol-d6	6.69	99	479	0.08	ng	0.00
8) Nitrobenzene-d5	8.63	82	2019	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	11.83	152	3019	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	628	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.72	172	8134	0.42	ng	0.00
27) Fluoranthene-d10	18.91	212	9226	0.34	ng	0.00
31) Terphenyl-d14	19.52	244	10761	0.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	5579	1.861	ng	98
20) 4,6-Dinitro-2-methylphenol	15.30	198	6	0.137	ng	# 1
23) Atrazine	16.03	200	104	0.025	ng	# 7
34) Bis(2-ethylhexyl)phthalate	21.03	149	1424	0.142	ng	97
35) Indeno(1,2,3-cd)pyrene	25.32	276	100	Below Cal	#	89

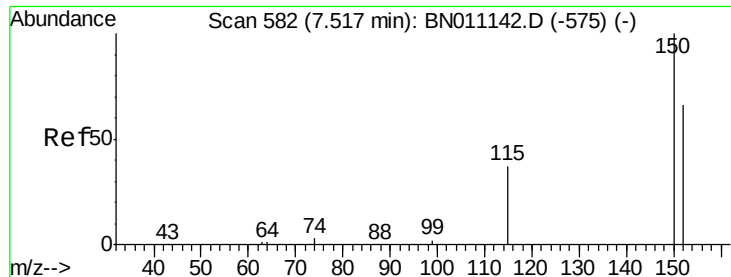
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 27 10:06:24 2020
Response via : Initial Calibration



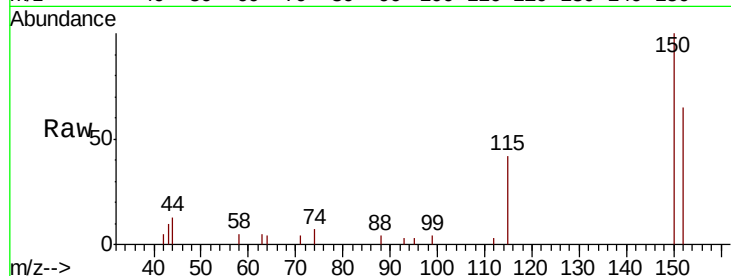


#1

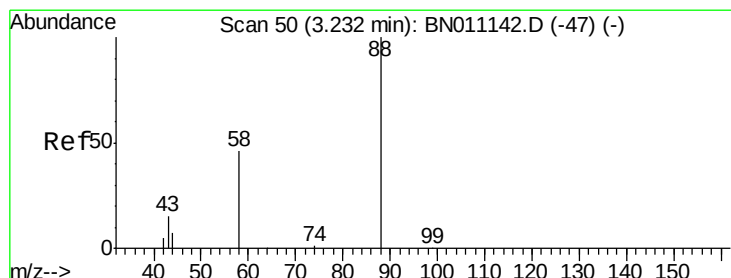
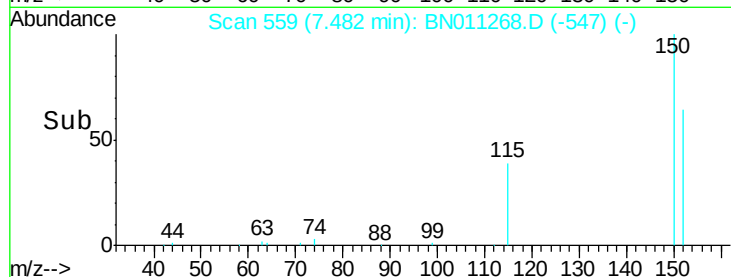
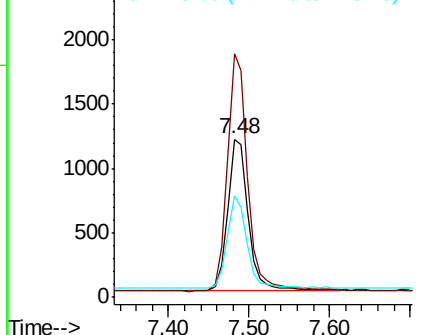
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.48 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BN011268.D
 Acq: 27 Jul 2020 11:45

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW180D1-GW-20200720

Tot Ion:152 Resp: 2097
 Ion Ratio Lower Upper
 152 100
 150 154.0 119.4 179.0
 115 64.1 48.3 72.5



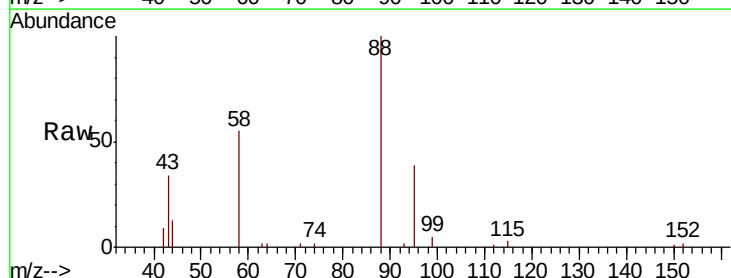
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



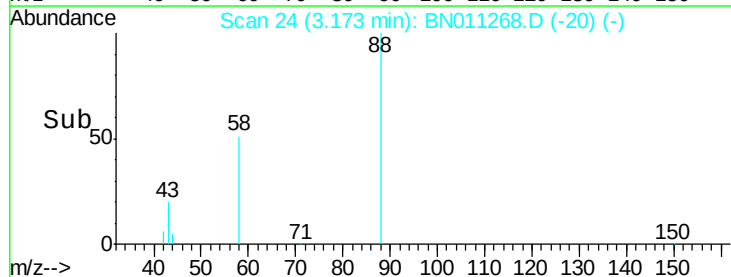
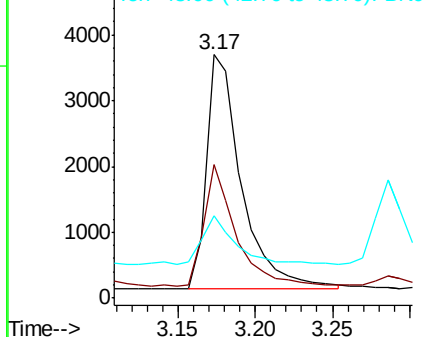
#2

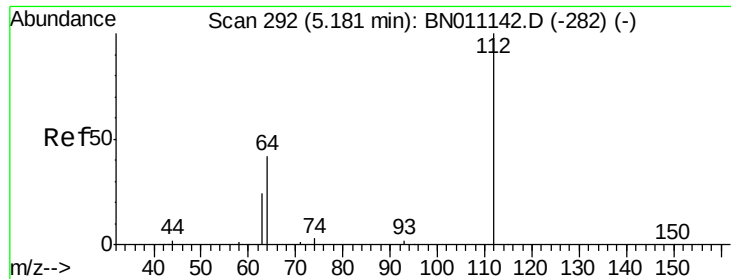
1,4-Dioxane
 Concen: 1.861 ng
 RT: 3.17 min Scan# 24
 Delta R.T. -0.02 min
 Lab File: BN011268.D
 Acq: 27 Jul 2020 11:45

Tgt Ion: 88 Resp: 5579
 Ion Ratio Lower Upper
 88 100
 58 44.9 36.5 54.7
 43 20.0 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: 0.130 ng

RT: 5.15 min Scan# 269

Delta R.T. 0.01 min

Lab File: BN011268.D

Acq: 27 Jul 2020 11:45

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D1-GW-20200720

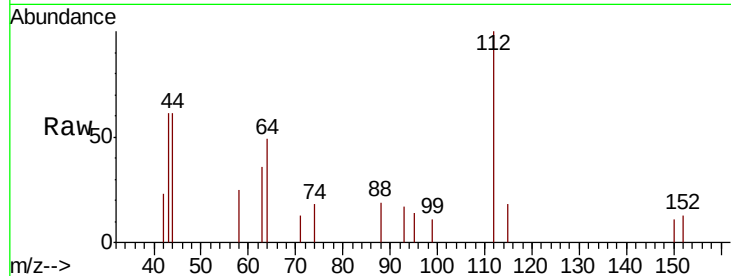
Tot Ion: 112 Resp: 674

Ion Ratio Lower Upper

112 100

64 47.3 36.7 55.1

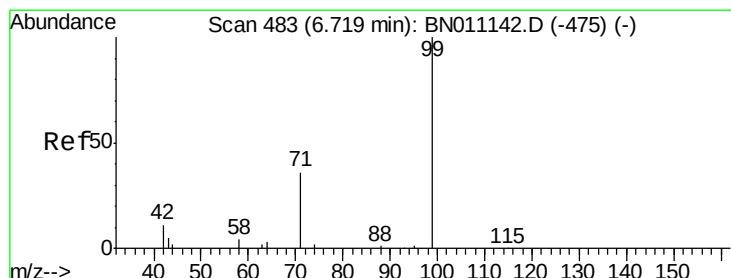
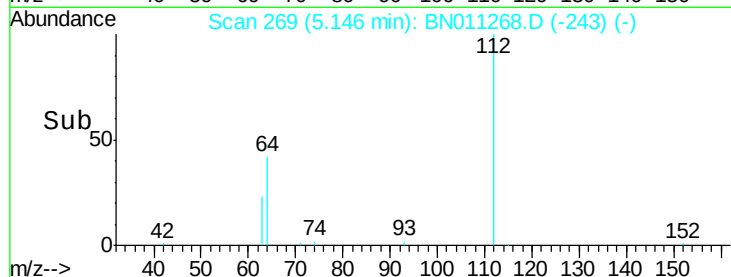
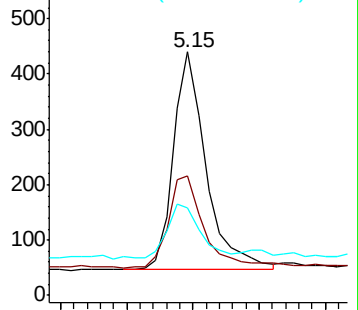
63 27.3 20.4 30.6



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: 0.082 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.01 min

Lab File: BN011268.D

Acq: 27 Jul 2020 11:45

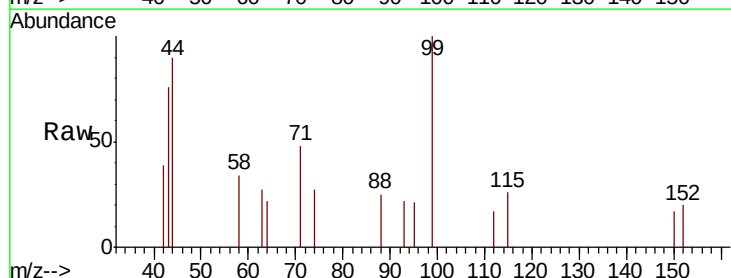
Tgt Ion: 99 Resp: 479

Ion Ratio Lower Upper

99 100

42 12.1 10.8 16.2

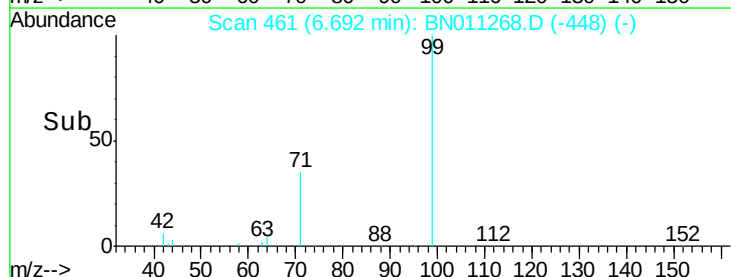
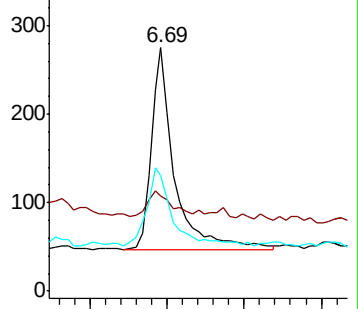
71 41.1 31.3 46.9

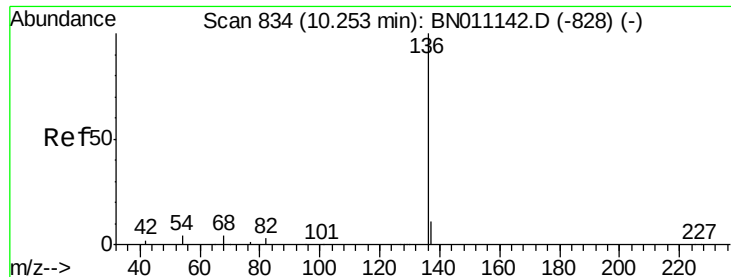


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: BN011268.D

Acq: 27 Jul 2020 11:45

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D1-GW-20200720

Tot Ion:136 Resp: 6687

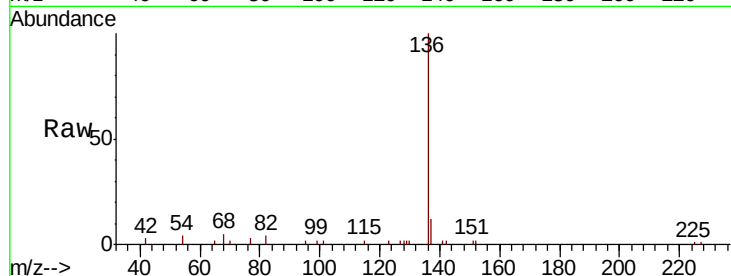
Ion Ratio Lower Upper

136 100

137 12.4 10.3 15.5

54 4.4 4.9 7.3#

68 4.9 4.9 7.3

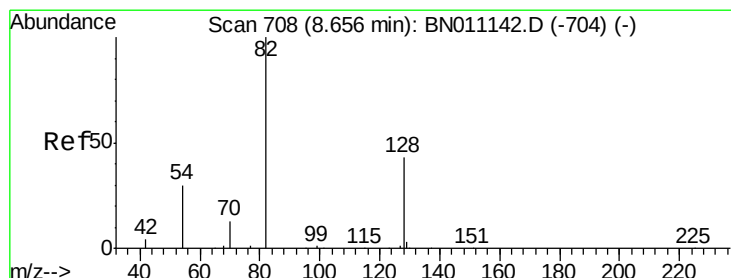
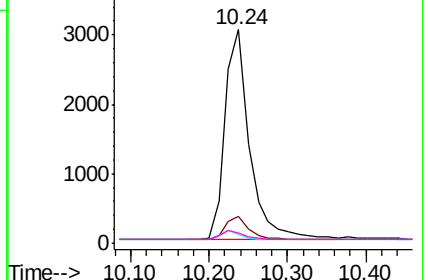
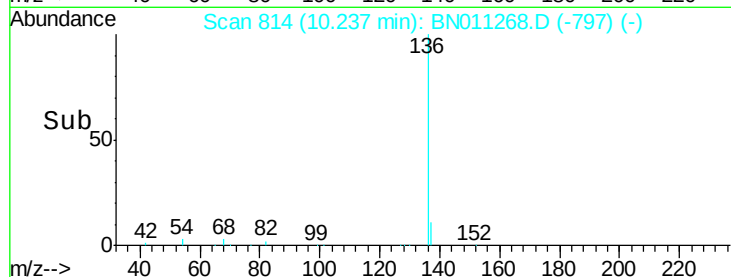


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.341 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.01 min

Lab File: BN011268.D

Acq: 27 Jul 2020 11:45

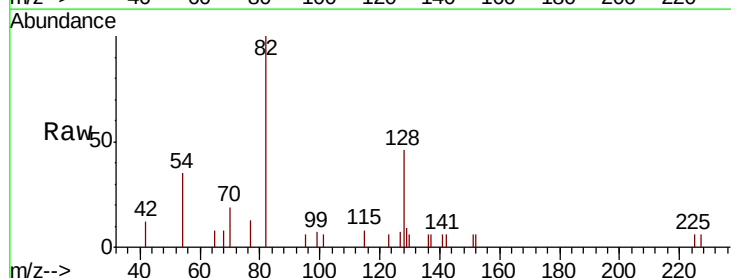
Tgt Ion: 82 Resp: 2019

Ion Ratio Lower Upper

82 100

128 46.1 38.1 57.1

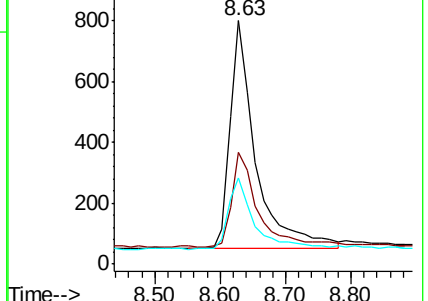
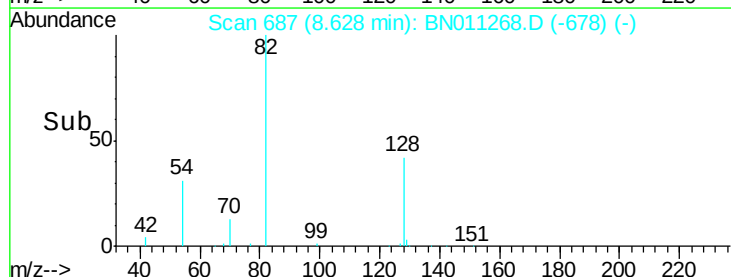
54 35.5 27.1 40.7

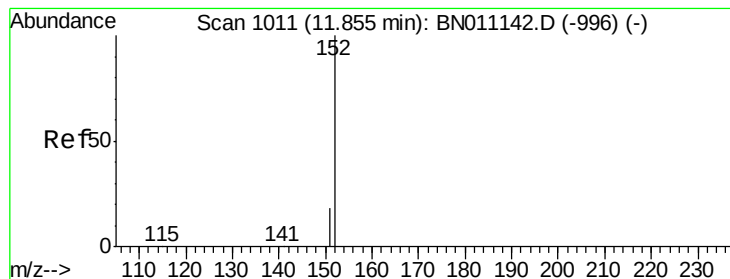


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

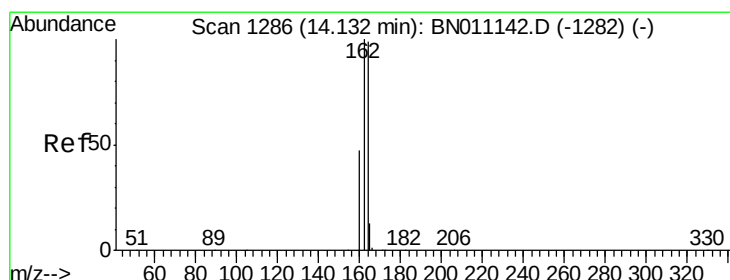
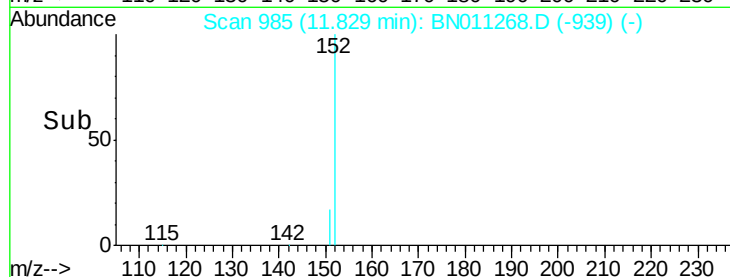
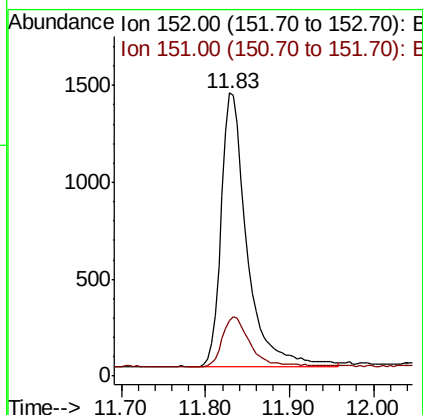
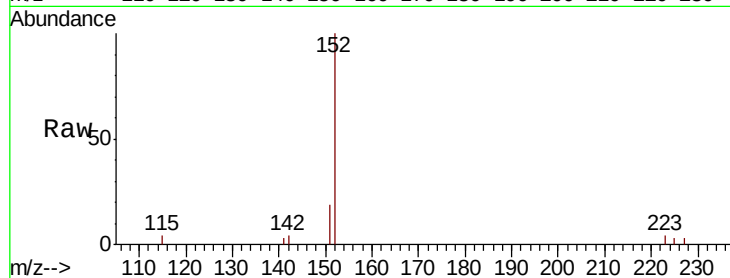




#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 11.83 min Scan# 985
Delta R.T. 0.00 min
Lab File: BN011268.D
Acq: 27 Jul 2020 11:45

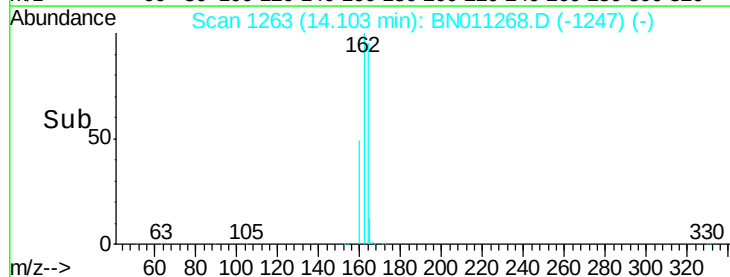
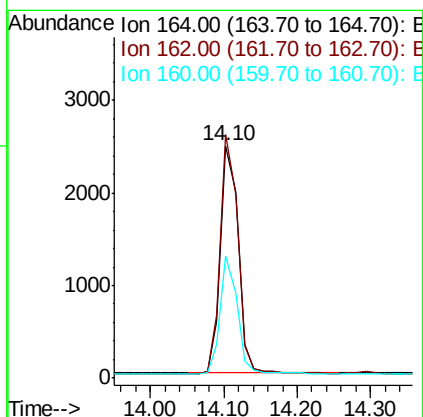
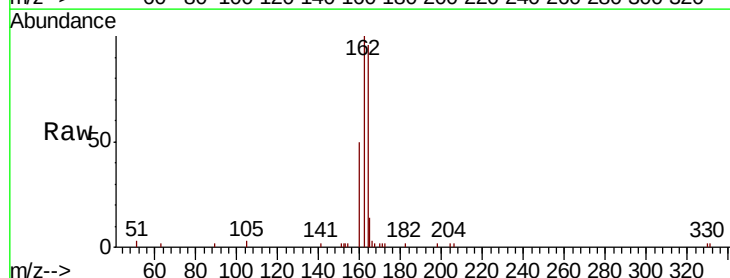
Instrument :
BNA_N
ClientSampleId :
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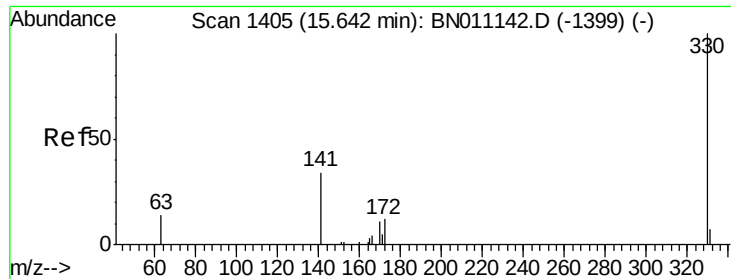
Tot Ion:152 Resp: 3019
Ion Ratio Lower Upper
152 100
151 19.6 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011268.D
Acq: 27 Jul 2020 11:45

Tgt Ion:164 Resp: 4116
Ion Ratio Lower Upper
164 100
162 104.7 81.0 121.4
160 52.3 39.0 58.6

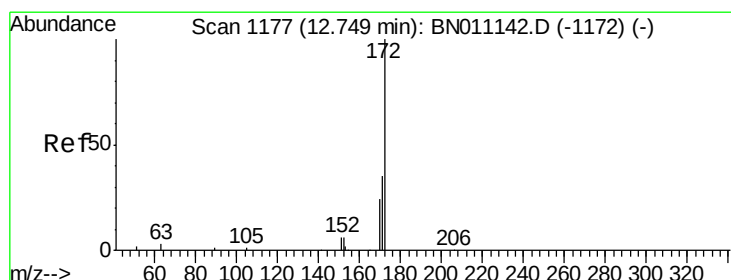
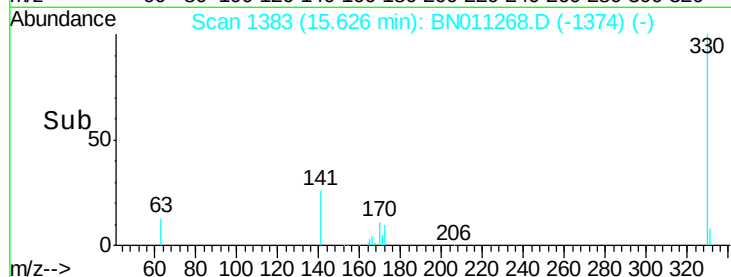
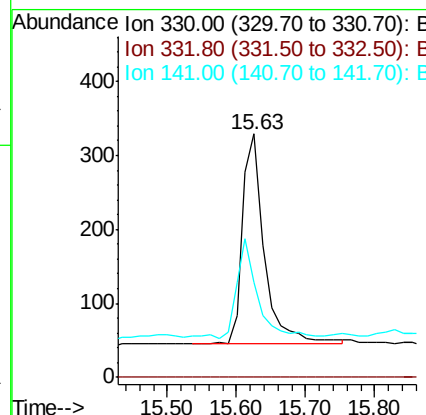
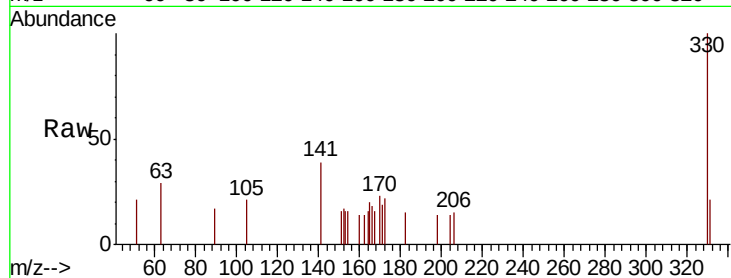




#14
 2,4,6-Tribromophenol
 Concen: 0.344 ng
 RT: 15.63 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BN011268.D
 Acq: 27 Jul 2020 11:45

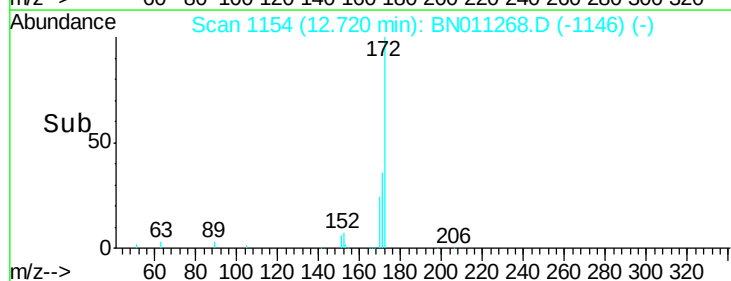
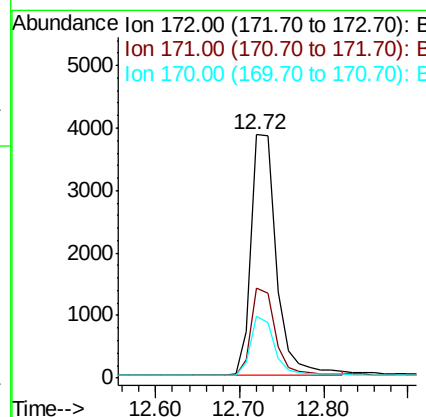
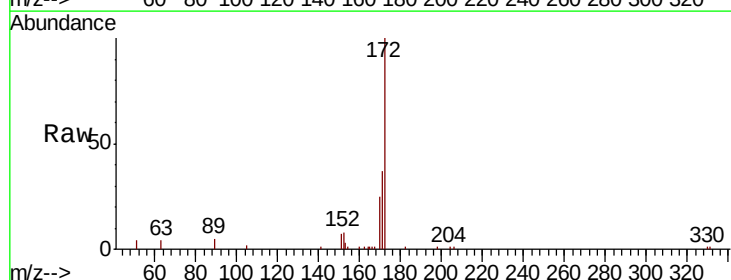
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW180D1-GW-20200720

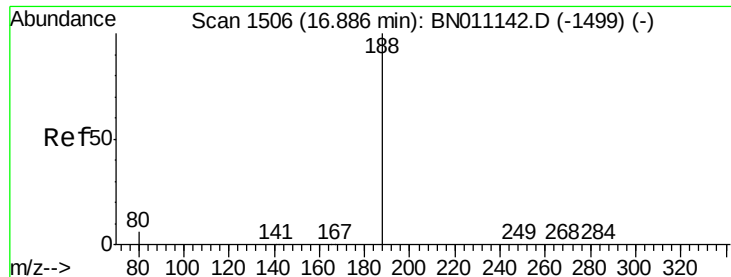
Tot Ion:330 Resp: 628
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 42.5 31.5 47.3



#15
 2-Fluorobiphenyl
 Concen: 0.422 ng
 RT: 12.72 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BN011268.D
 Acq: 27 Jul 2020 11:45

Tgt Ion:172 Resp: 8134
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.0 43.6
 170 25.3 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: BN011268.D

Acq: 27 Jul 2020 11:45

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D1-GW-20200720

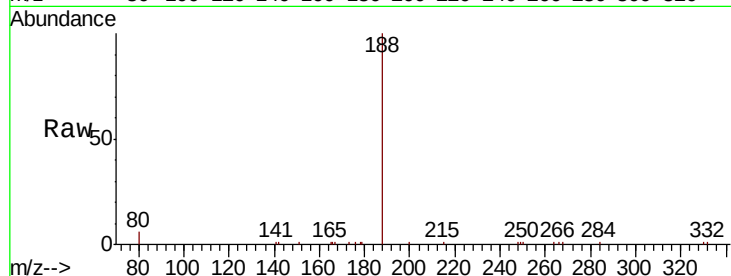
Tot Ion:188 Resp: 8647

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

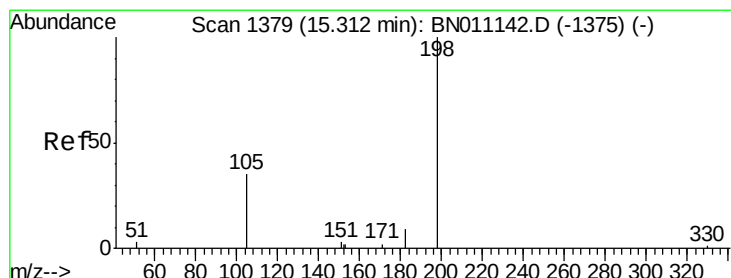
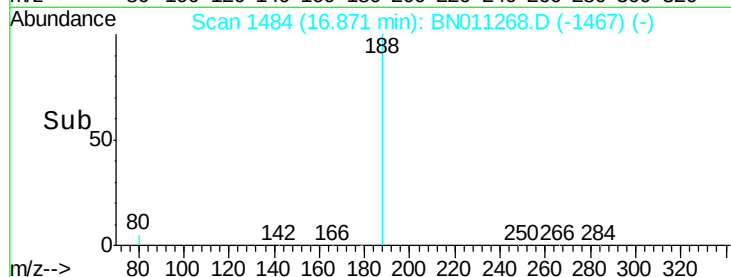
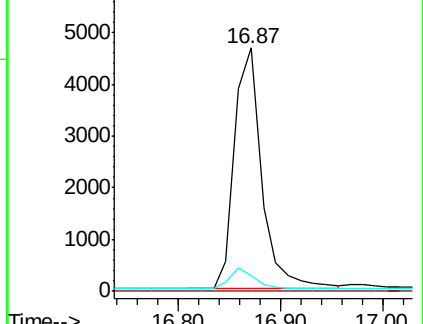
80 6.3 6.3 9.5#



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: 0.137 ng

RT: 15.30 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BN011268.D

Acq: 27 Jul 2020 11:45

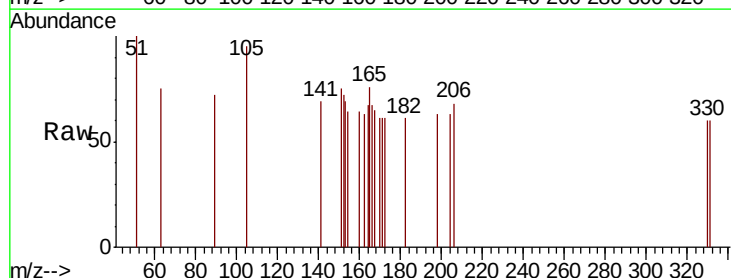
Tgt Ion:198 Resp: 6

Ion Ratio Lower Upper

198 100

51 159.6 53.1 79.7#

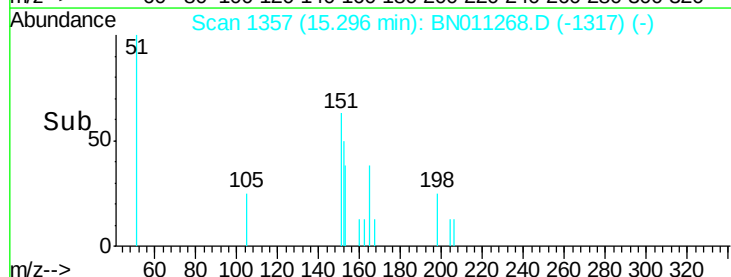
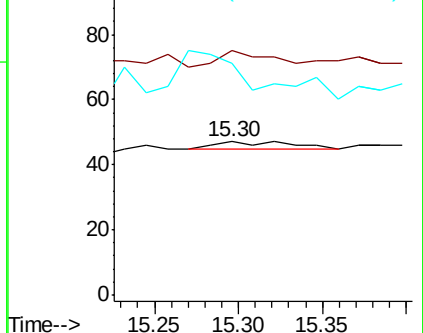
105 151.1 51.9 77.9#

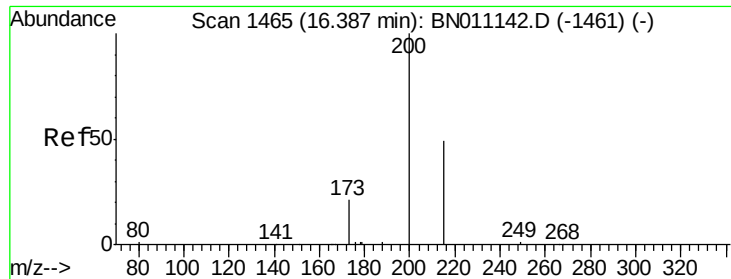


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#23

Atrazine

Concen: 0.025 ng

RT: 16.03 min Scan# 1415

Delta R.T. -0.33 min

Lab File: BN011268.D

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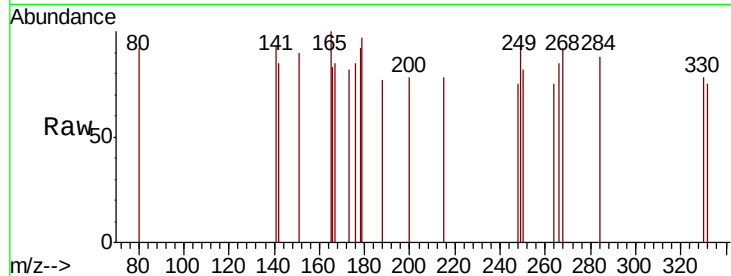
Tot Ion:200 Resp: 104

Ion Ratio Lower Upper

200 100

173 104.3 23.0 34.4#

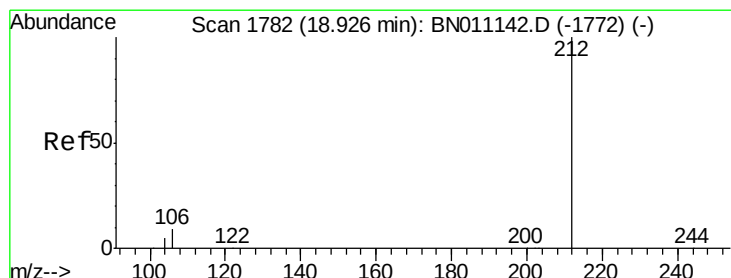
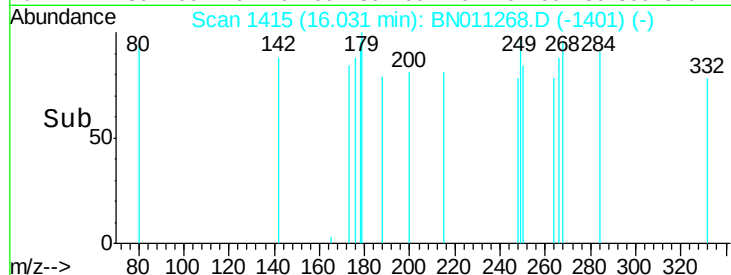
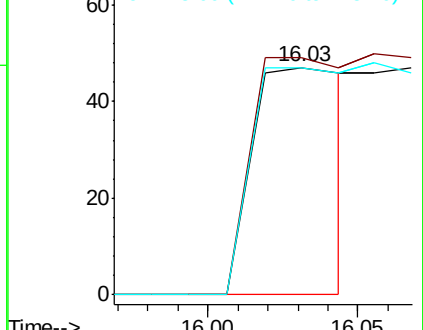
215 100.0 42.6 63.8#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#27

Fluoranthene-d10

Concen: 0.338 ng

RT: 18.91 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BN011268.D

Acq: 27 Jul 2020 11:45

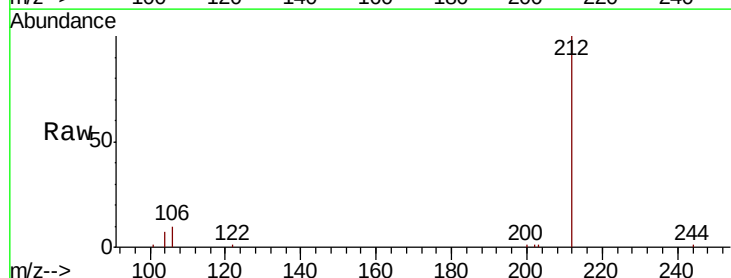
Tgt Ion:212 Resp: 9226

Ion Ratio Lower Upper

212 100

106 9.0 7.0 10.6

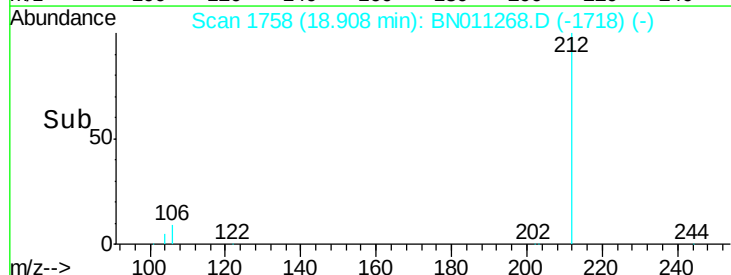
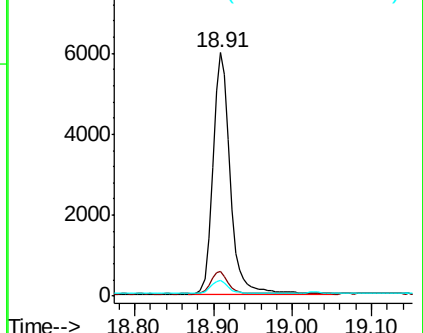
104 5.2 4.2 6.4

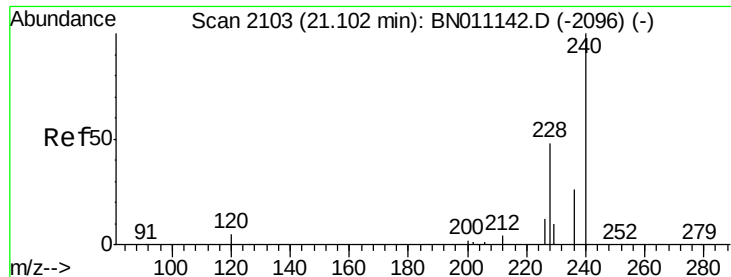


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.09 min Scan# 2081

Delta R.T. 0.01 min

Lab File: BN011268.D

Acq: 27 Jul 2020 11:45

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D1-GW-20200720

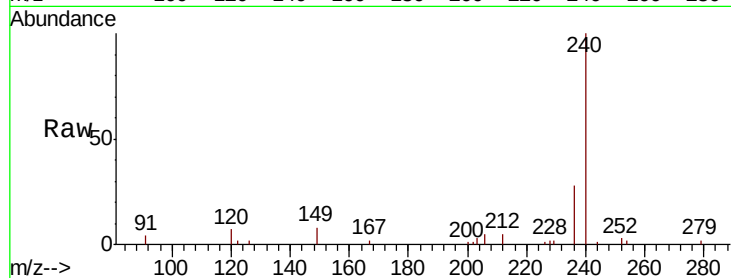
Tot Ion:240 Resp: 7509

Ion Ratio Lower Upper

240 100

120 7.4 6.5 9.7

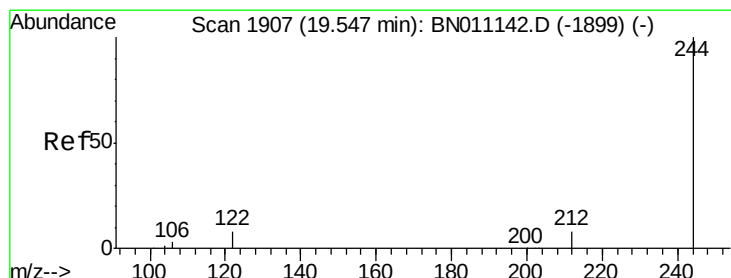
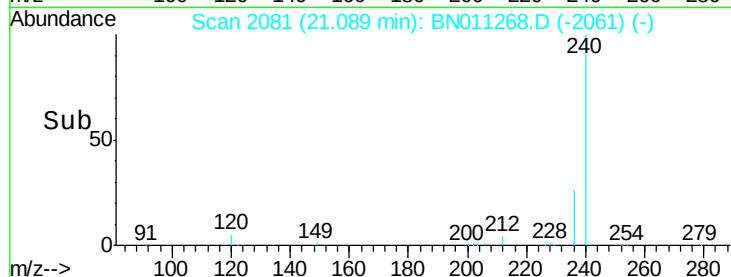
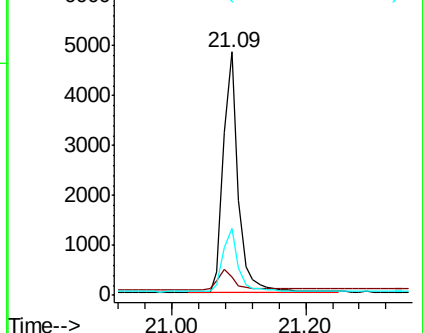
236 27.5 21.9 32.9



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: 0.551 ng

RT: 19.52 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN011268.D

Acq: 27 Jul 2020 11:45

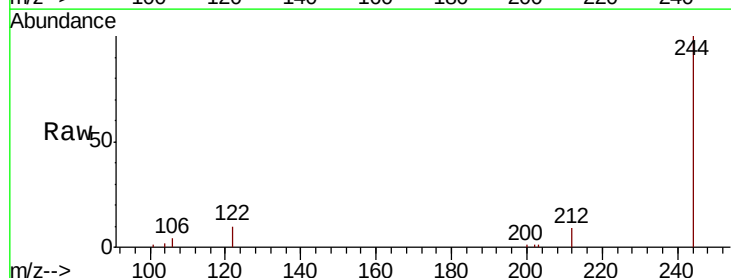
Tgt Ion:244 Resp: 10761

Ion Ratio Lower Upper

244 100

212 8.9 7.8 11.6

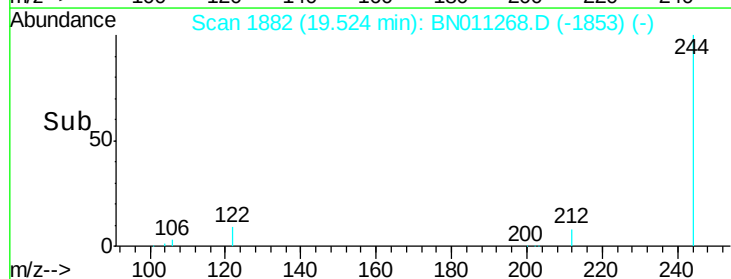
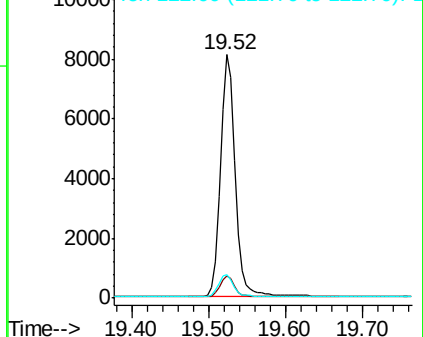
122 9.9 7.4 11.0

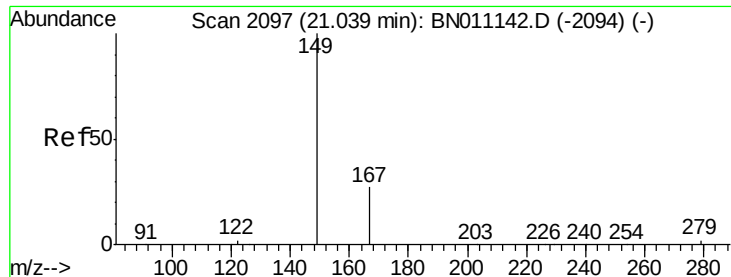


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.142 ng

RT: 21.03 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BN011268.D

Acq: 27 Jul 2020 11:45

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D1-GW-20200720

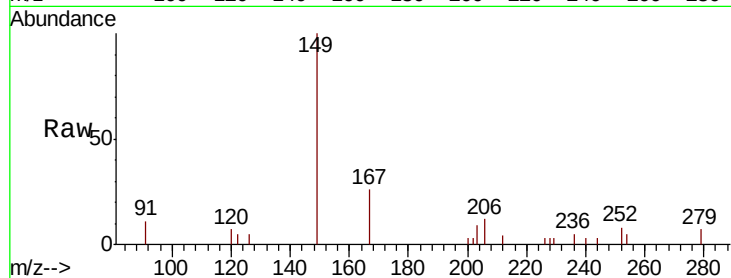
Tot Ion:149 Resp: 1424

Ion Ratio Lower Upper

149 100

167 27.7 23.4 35.0

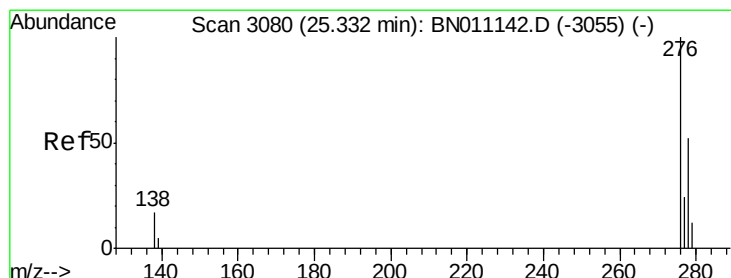
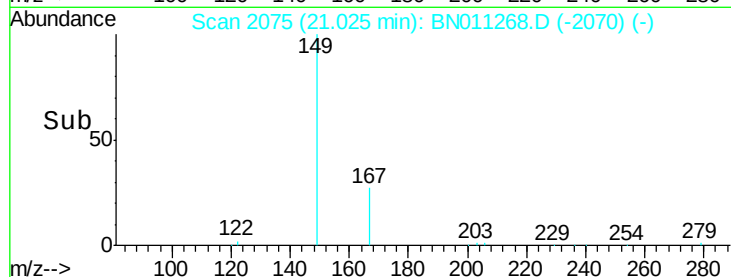
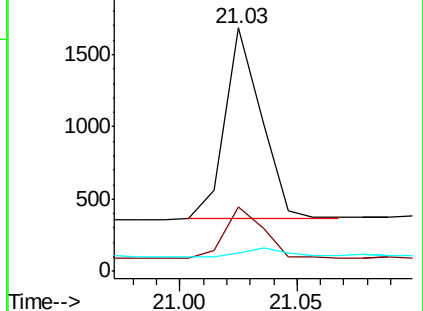
279 4.9 4.5 6.7



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: 25.32 min Scan# 3056

Delta R.T. 0.02 min

Lab File: BN011268.D

Acq: 27 Jul 2020 11:45

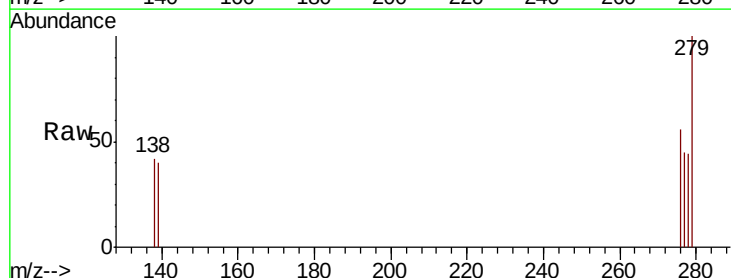
Tgt Ion:276 Resp: 100

Ion Ratio Lower Upper

276 100

138 9.0 13.0 19.6#

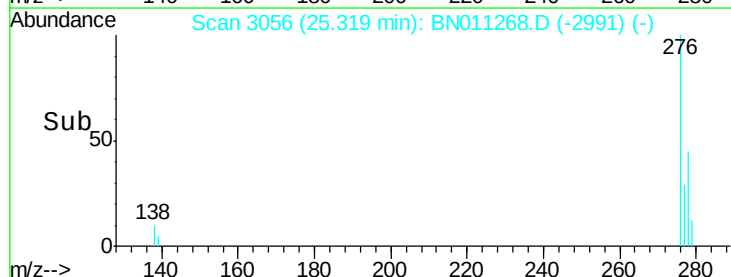
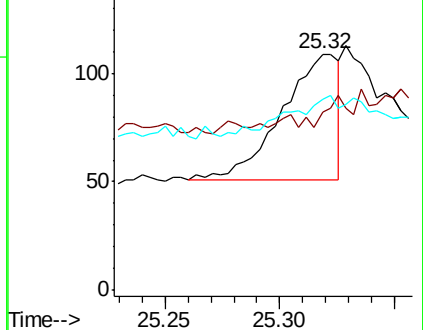
277 28.0 19.7 29.5

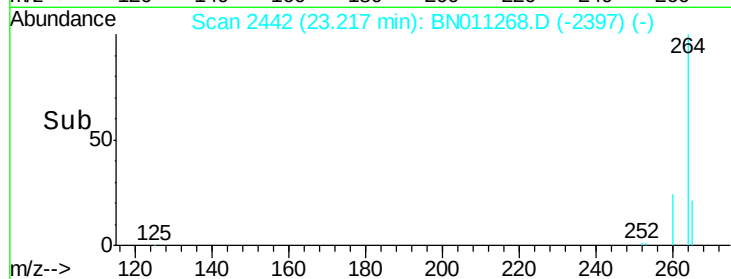
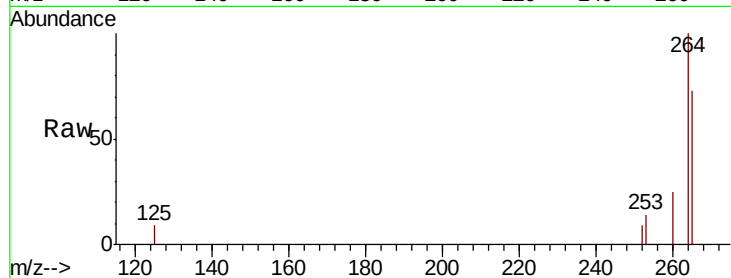
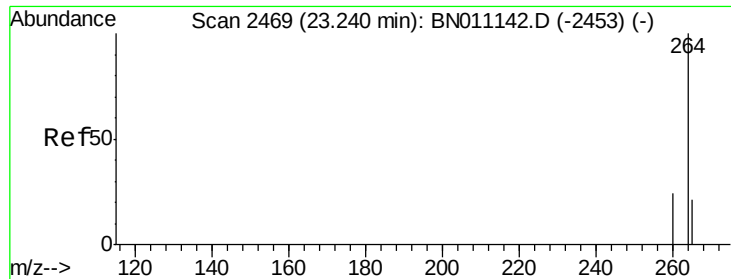


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2442

Delta R.T. 0.00 min

Lab File: BN011268.D

Acq: 27 Jul 2020 11:45

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW180D1-GW-20200720

Tot Ion:264 Resp: 6862

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 73.2 76.6 115.0#

