

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
 Data File : BN011651.D
 Acq On : 26 Aug 2020 18:45
 Operator : CG/JU
 Sample : L3783-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-588-590

Quant Time: Aug 27 00:19:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

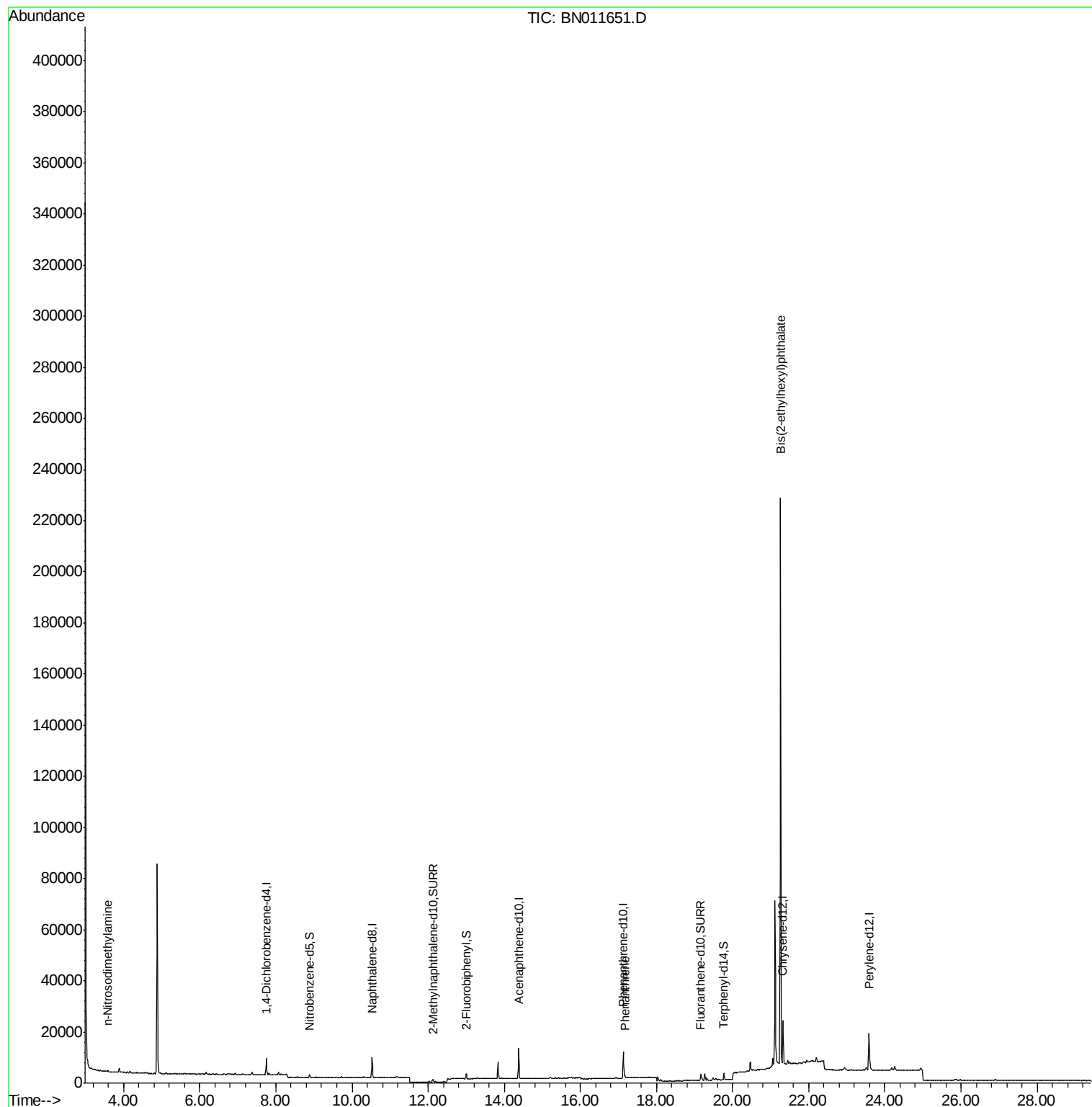
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2561	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	10304	0.40	ng	-0.01
13) Acenaphthene-d10	14.38	164	6249	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	13764	0.40	ng	-0.01
29) Chrysene-d12	21.32	240	16296	0.40	ng	-0.01
36) Perylene-d12	23.58	264	18514	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	71	0.01	ng	0.00
5) Phenol-d6	6.91	99	131	0.01	ng	0.00
8) Nitrobenzene-d5	8.89	82	894	0.10	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	1354	0.07	ng	-0.02
14) 2,4,6-Tribromophenol	15.87	330	8	0.00	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	1973	0.08	ng	-0.01
27) Fluoranthene-d10	19.17	212	2909	0.06	ng	0.00
31) Terphenyl-d14	19.77	244	2717	0.07	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.59	42	123	0.029	ng	Qvalue # 1
25) Phenanthrene	17.18	178	1406	0.033	ng	97
34) Bis(2-ethylhexyl)phthalate	21.26	149	168287	5.229	ng	94

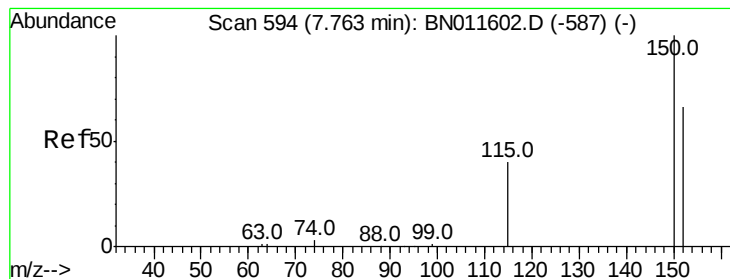
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.75 min Scan# 592

Delta R.T. -0.02 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

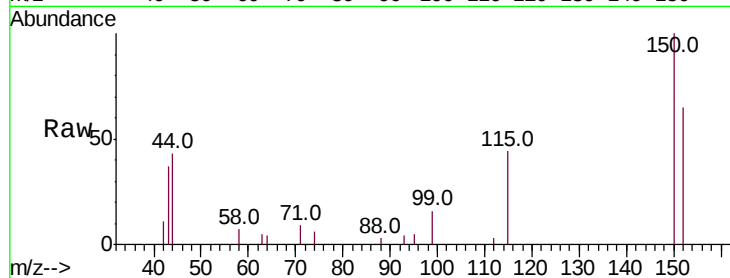
Tot Ion:152 Resp: 2561

Ion Ratio Lower Upper

152 100

150 154.1 112.4 168.6

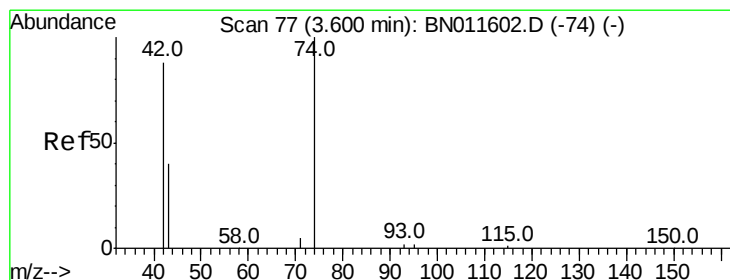
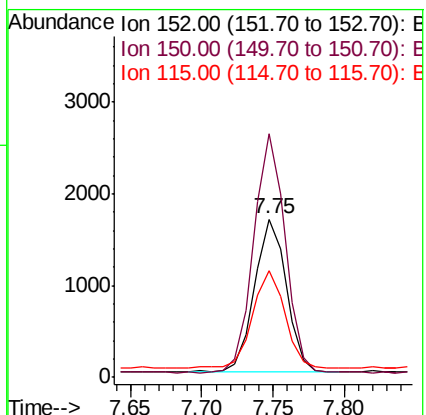
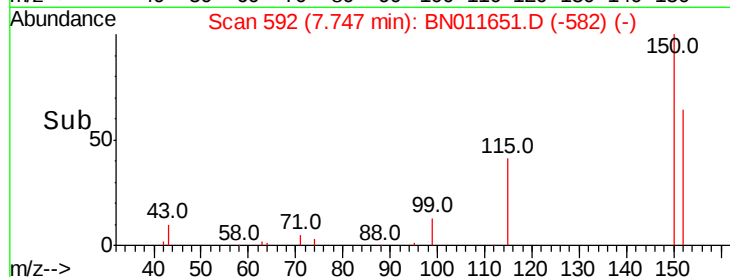
115 67.2 56.9 85.3



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: 0.029 ng

RT: 3.59 min Scan# 76

Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

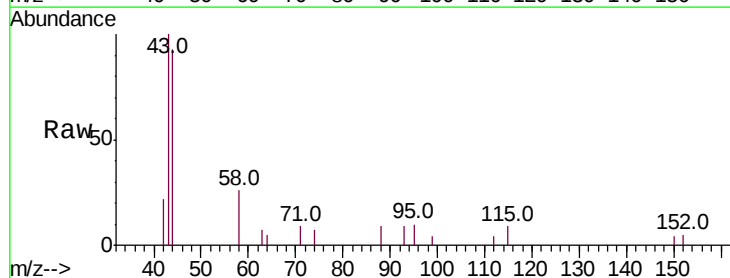
Tgt Ion: 42 Resp: 123

Ion Ratio Lower Upper

42 100

74 13.0 0.0 0.0#

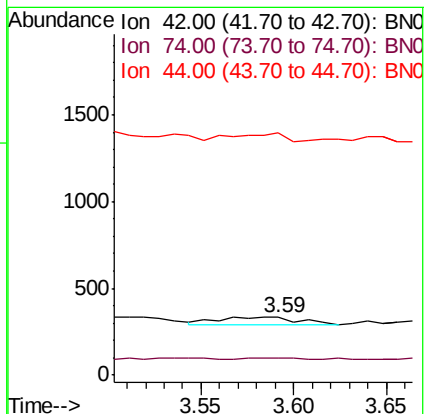
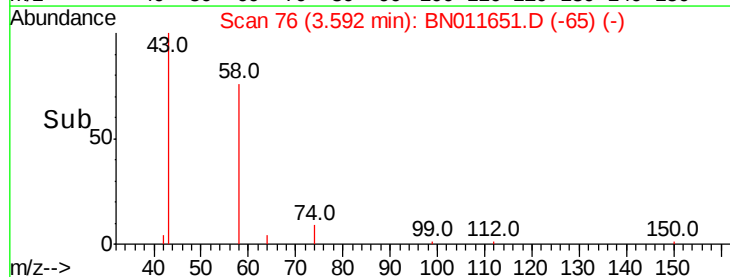
44 69.1 8.2 12.4#

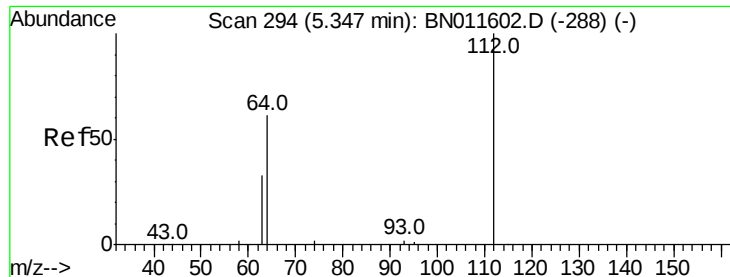


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.009 ng

RT: 5.34 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

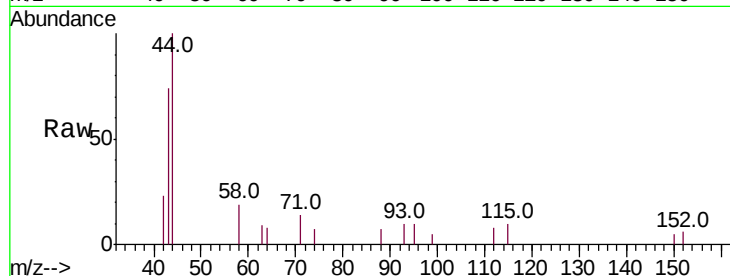
Tot Ion: 112 Resp: 71

Ion Ratio Lower Upper

112 100

64 71.8 49.6 74.4

63 53.5 26.4 39.6#

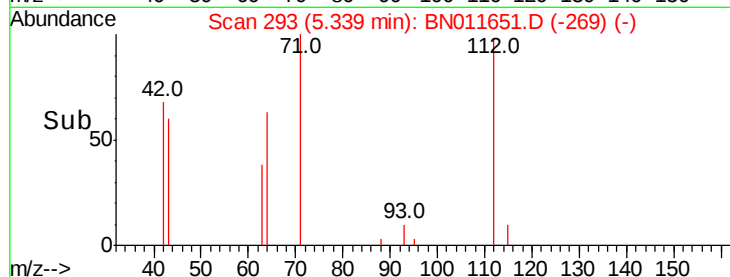


Abundance Ion 112.00 (111.70 to 112.70): B

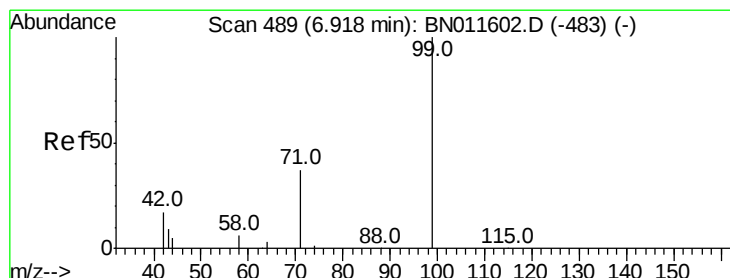
Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

5.34



Time-->



#5

Phenol-d6

Concen: 0.011 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

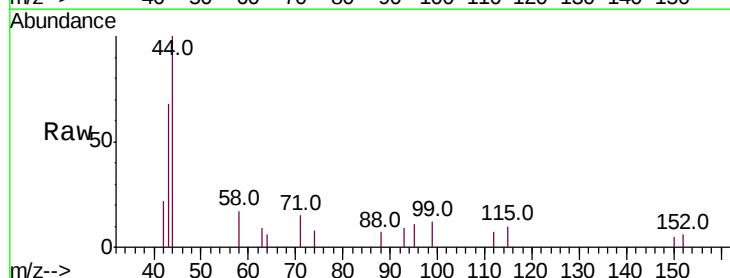
Tgt Ion: 99 Resp: 131

Ion Ratio Lower Upper

99 100

42 98.5 0.0 0.0#

71 120.6 0.0 0.0#

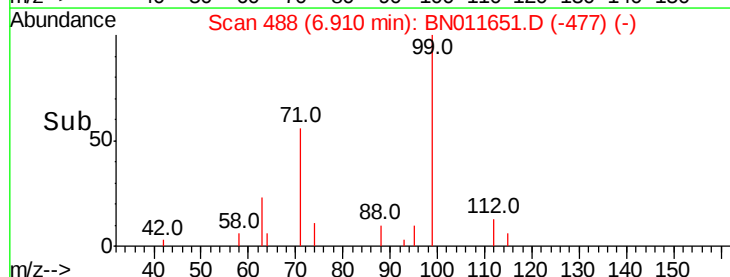


Abundance Ion 99.00 (98.70 to 99.70): BNC

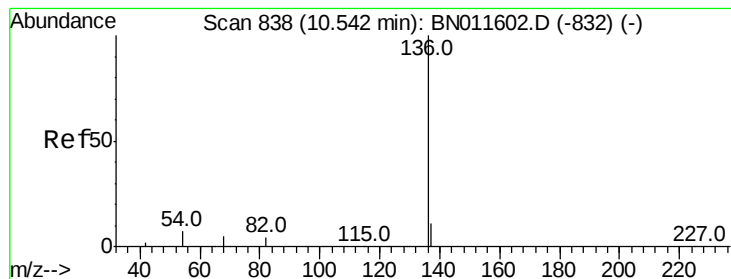
Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

6.91



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

Tot Ion:136 Resp: 10304

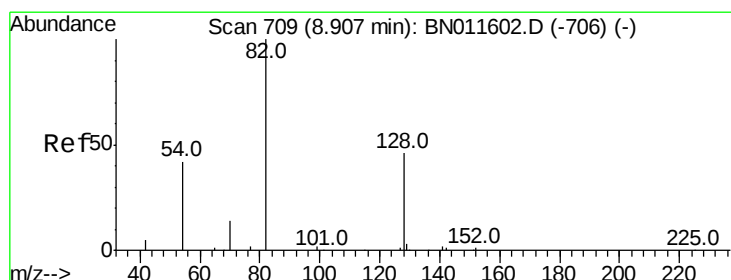
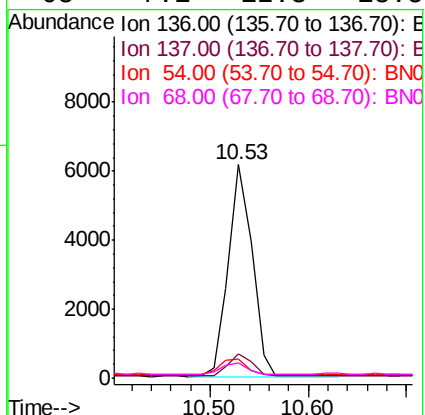
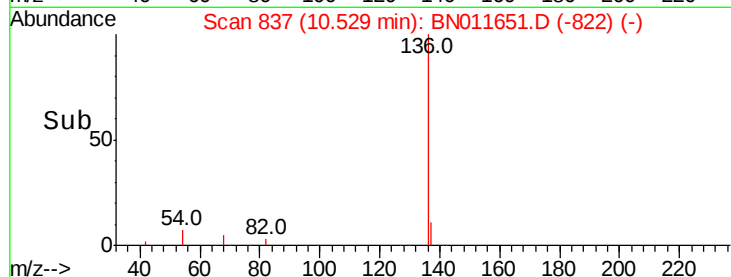
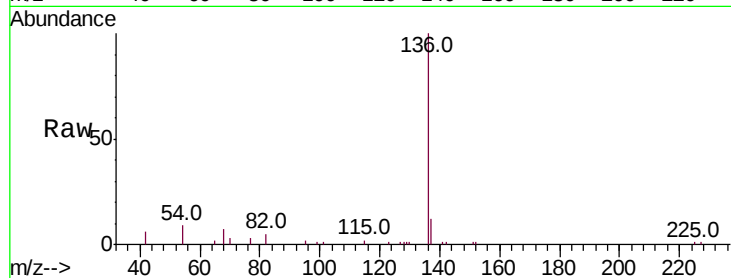
Ion Ratio Lower Upper

136 100

137 11.6 11.5 17.3

54 8.7 11.9 17.9#

68 7.1 12.3 18.5#



#8

Nitrobenzene-d5

Concen: 0.100 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

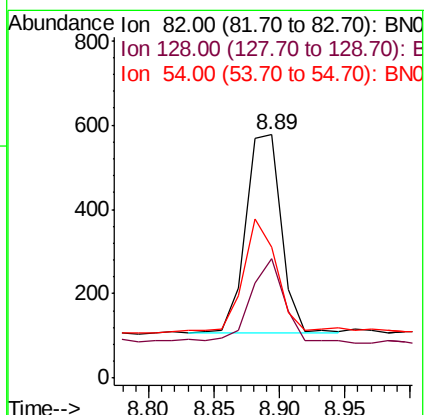
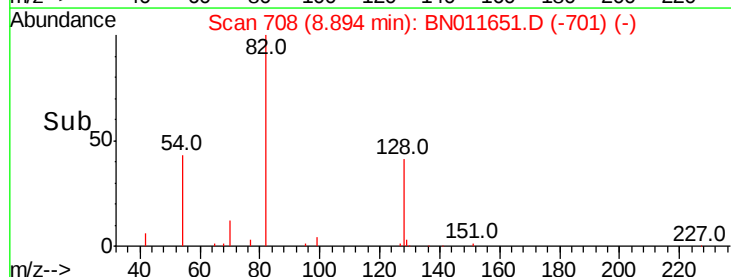
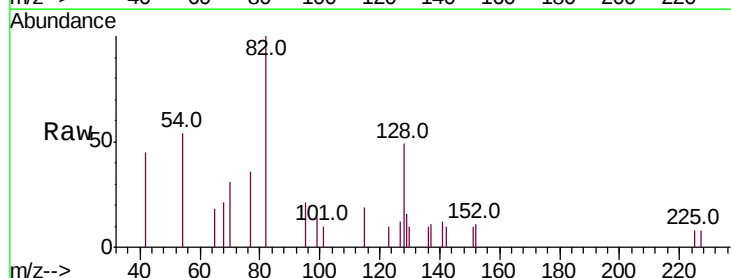
Tgt Ion: 82 Resp: 894

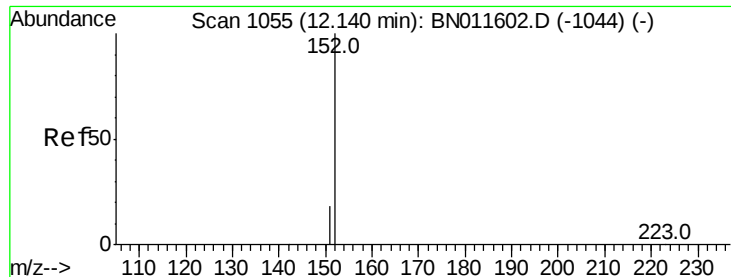
Ion Ratio Lower Upper

82 100

128 49.0 31.1 46.7#

54 53.7 37.1 55.7





#11

2-Methylnaphthalene-d10

Concen: 0.069 ng

RT: 12.12 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

Instrument :

BNA_N

ClientSampleId :

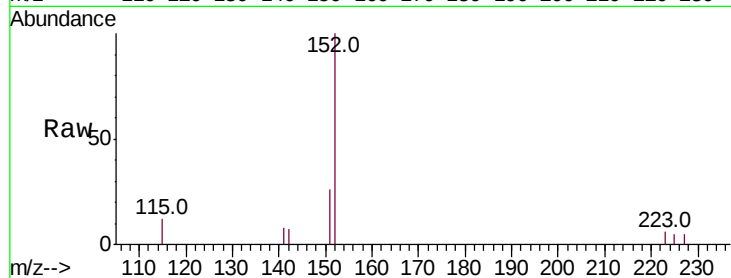
BP-VPB181-GW-588-590

Tot Ion:152 Resp: 1354

Ion Ratio Lower Upper

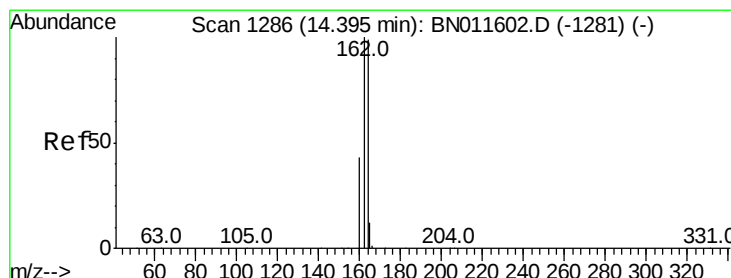
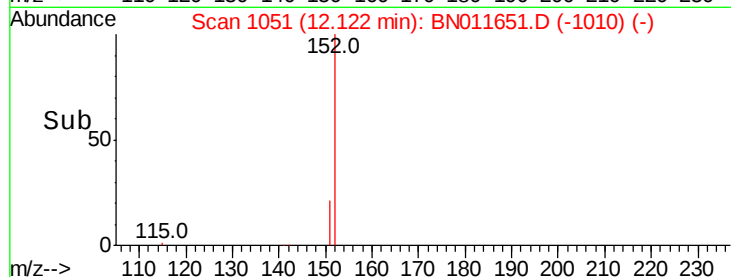
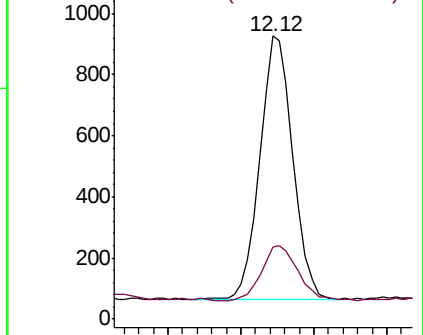
152 100

151 23.3 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

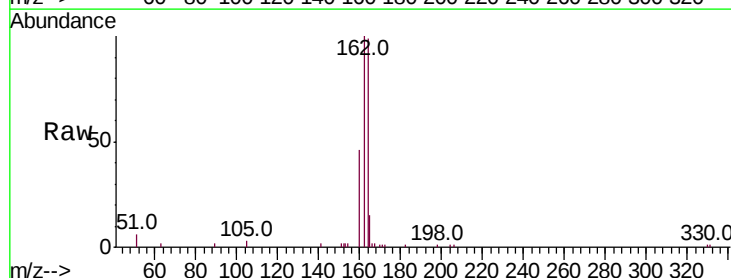
Tgt Ion:164 Resp: 6249

Ion Ratio Lower Upper

164 100

162 100.8 80.8 121.2

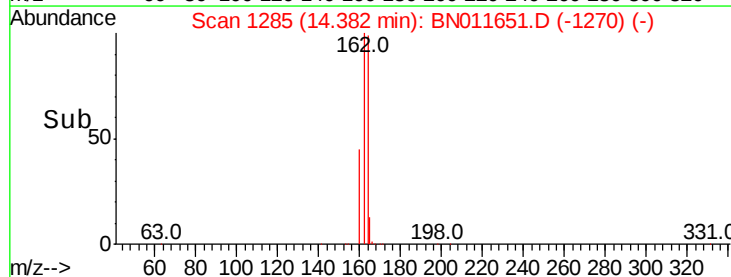
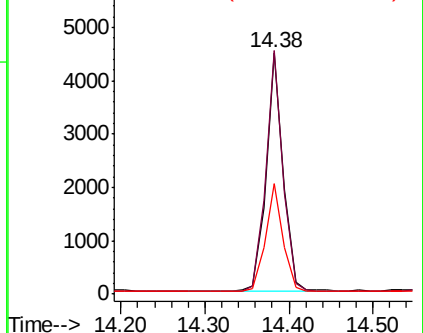
160 45.9 35.6 53.4

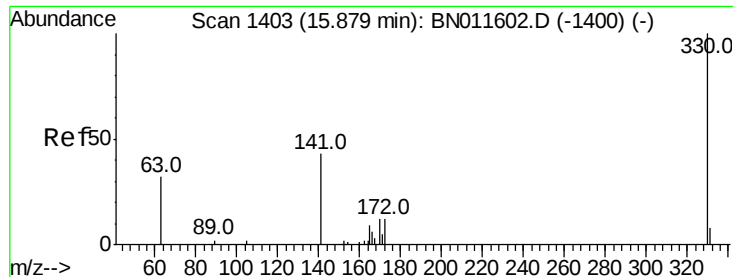


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.002 ng

RT: 15.87 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

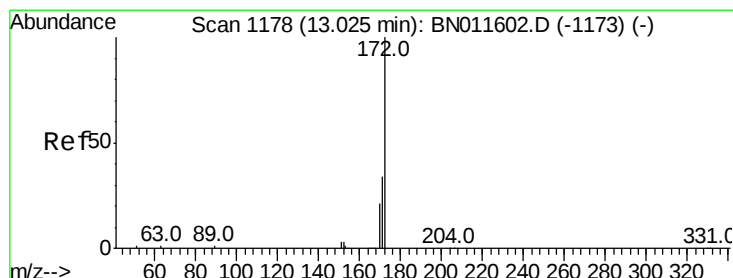
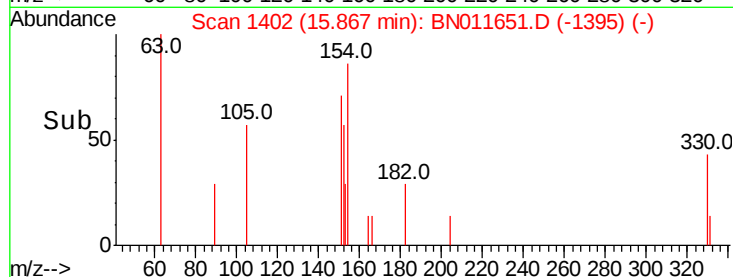
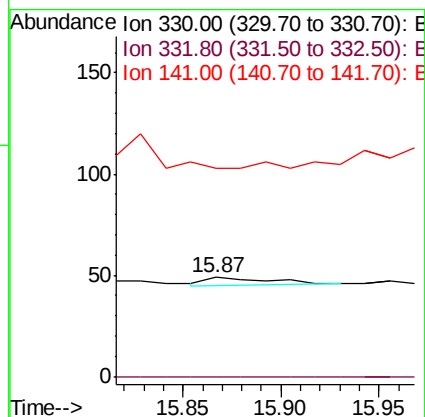
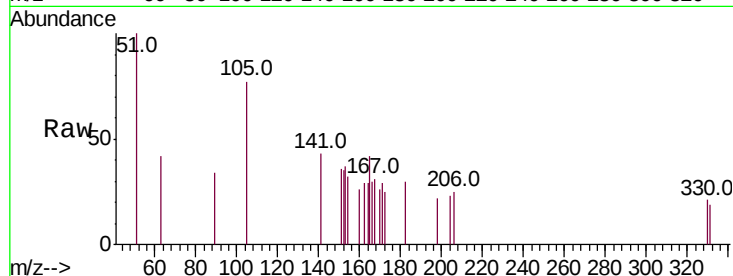
Instrument :

BNA_N

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BP-VPB181-GW-588-590

Tot Ion:	330	Resp:	8
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	29.4	44.2#



#15

2-Fluorobiphenyl

Concen: 0.081 ng

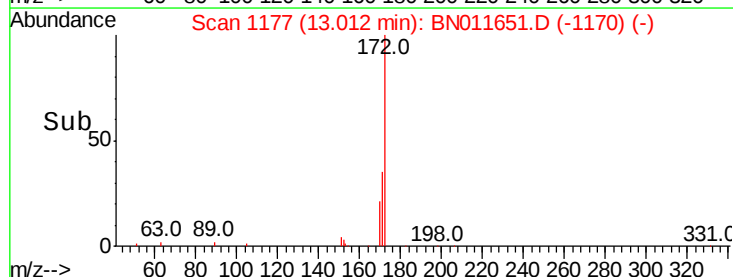
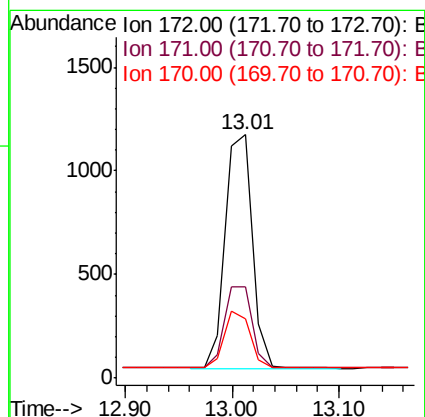
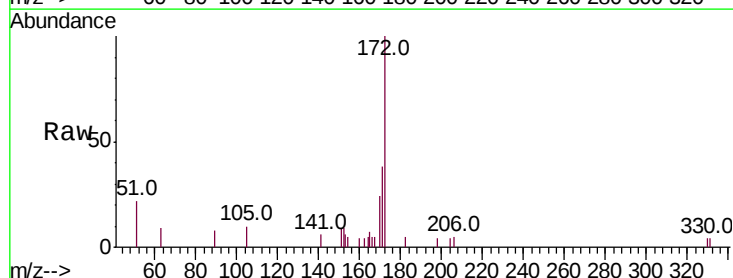
RT: 13.01 min Scan# 1177

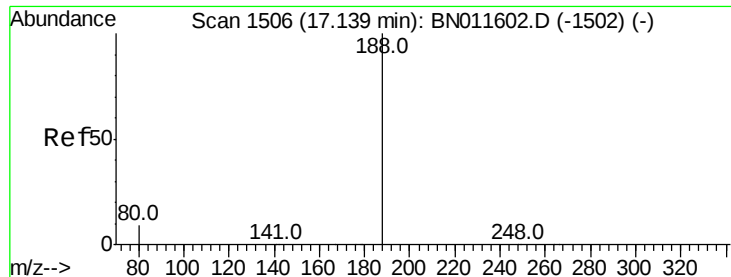
Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

Tgt Ion:	172	Resp:	1973
Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.6	42.8
170	24.3	18.2	27.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

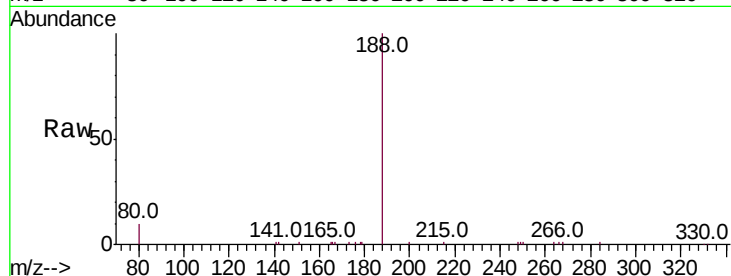
Tot Ion:188 Resp: 13764

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

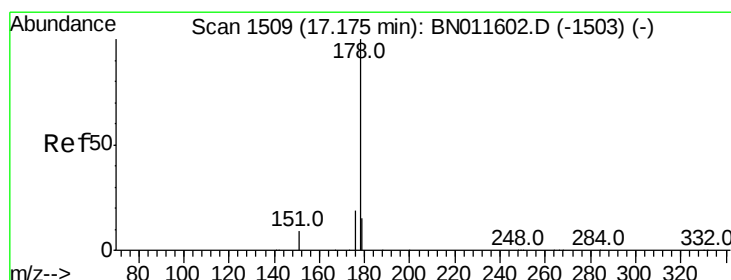
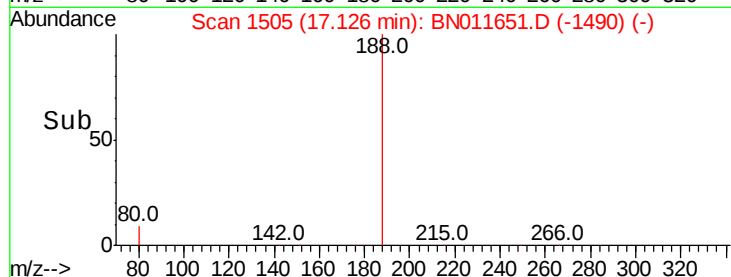
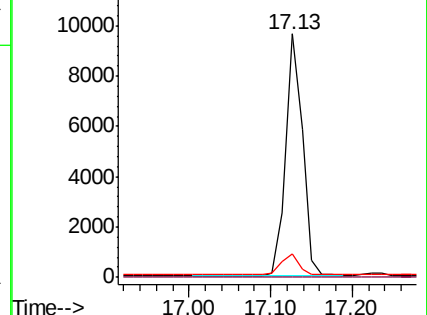
80 9.9 9.2 13.8



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

Phenanthrene

Concen: 0.033 ng

RT: 17.18 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

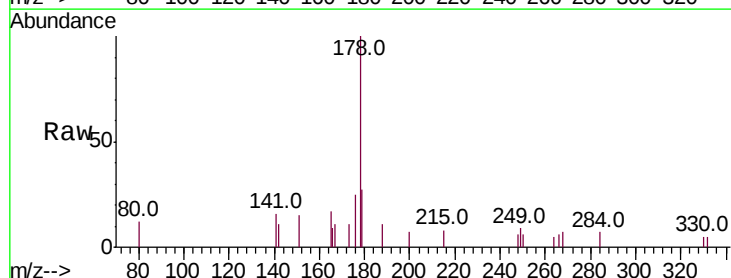
Tgt Ion:178 Resp: 1406

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

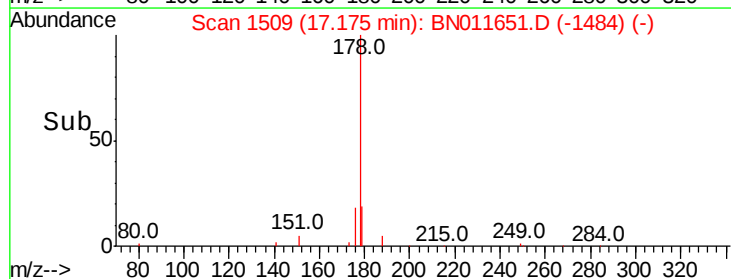
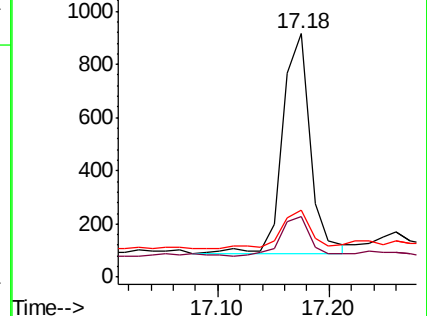
179 18.4 12.6 18.8

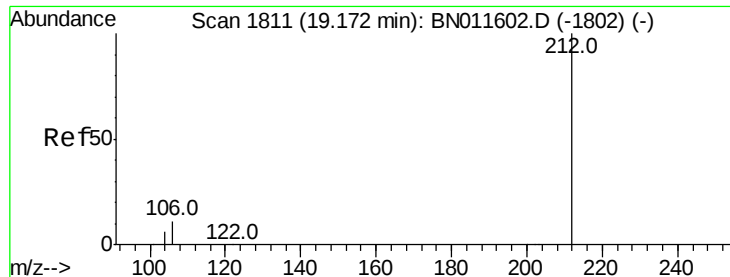


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.065 ng

RT: 19.17 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

Instrument :

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BP-VPB181-GW-588-590

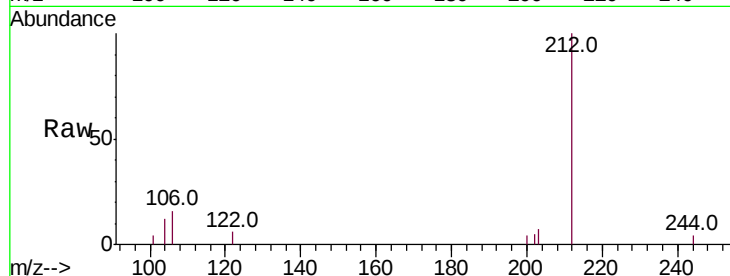
Tot Ion:212 Resp: 2909

Ion Ratio Lower Upper

212 100

106 12.9 8.9 13.3

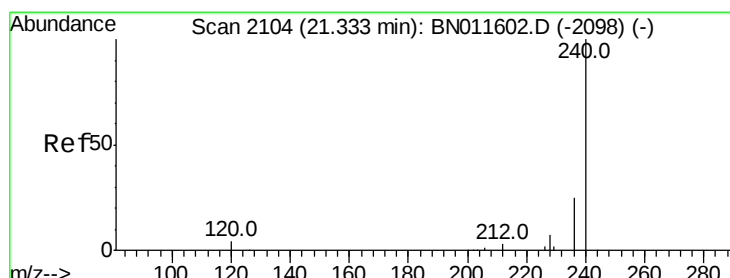
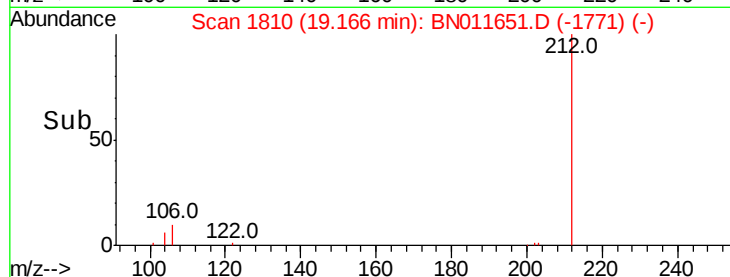
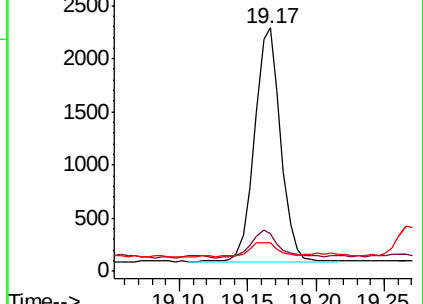
104 6.6 5.3 7.9



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: 21.32 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

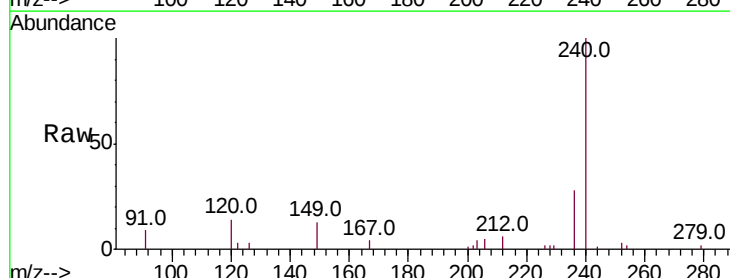
Tgt Ion:240 Resp: 16296

Ion Ratio Lower Upper

240 100

120 14.1 6.0 9.0#

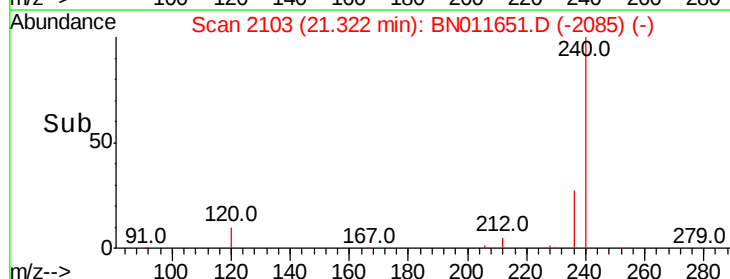
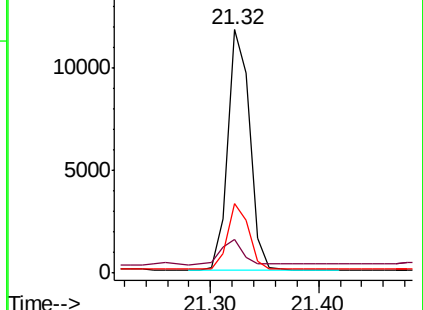
236 28.3 20.8 31.2

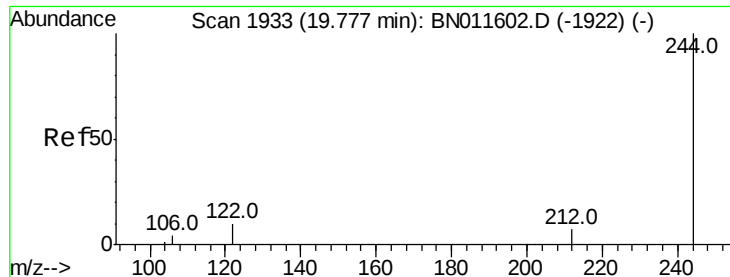


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.065 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

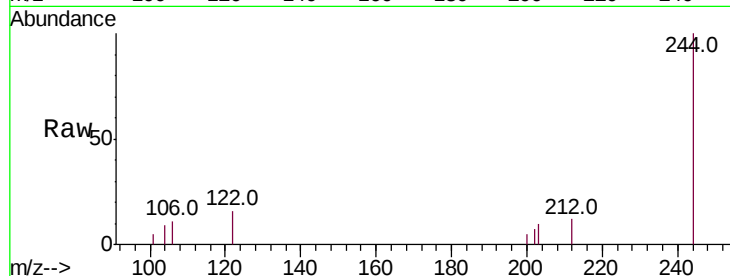
Tot Ion:244 Resp: 2717

Ion Ratio Lower Upper

244 100

212 12.4 6.5 9.7#

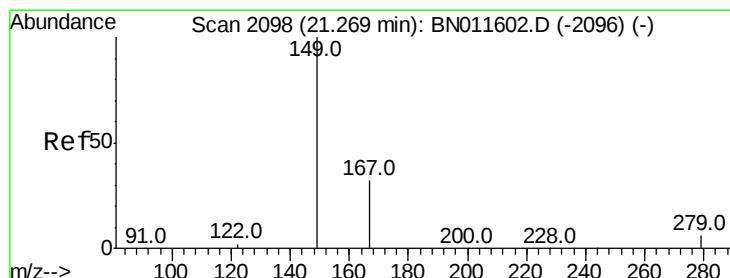
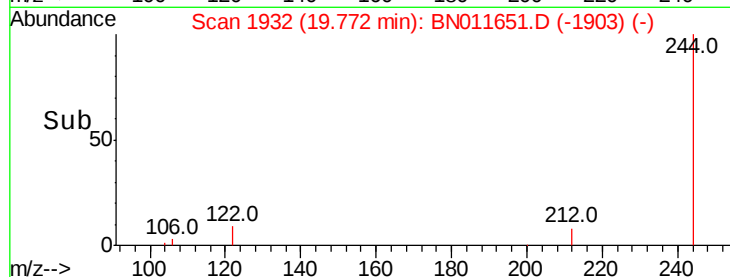
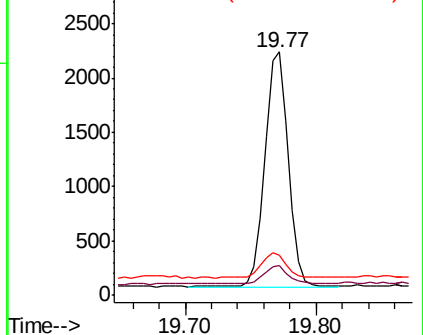
122 16.4 9.5 14.3#



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: 5.229 ng

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

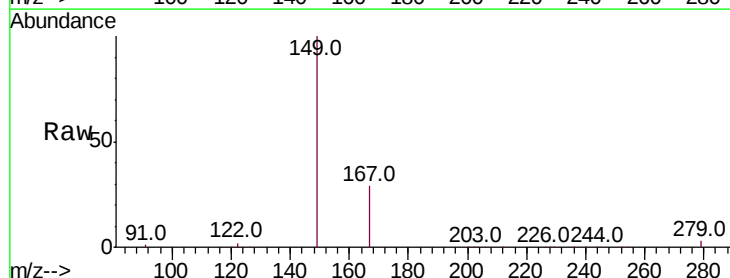
Tgt Ion:149 Resp: 168287

Ion Ratio Lower Upper

149 100

167 29.3 20.6 31.0

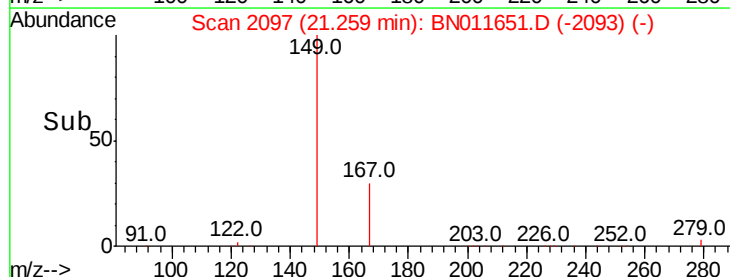
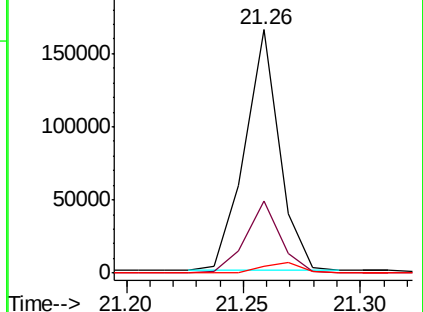
279 5.0 3.8 5.8

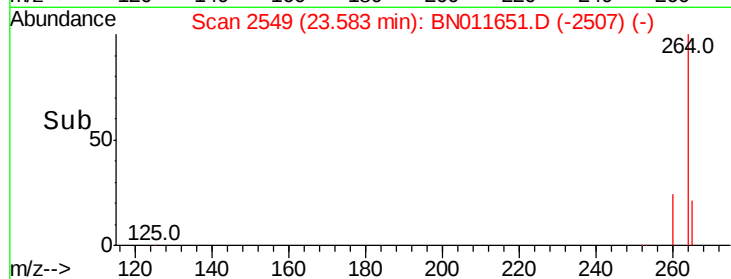
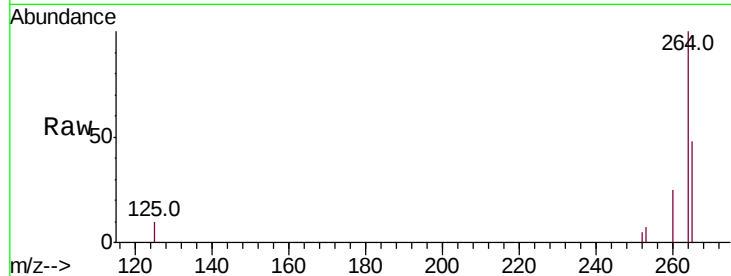
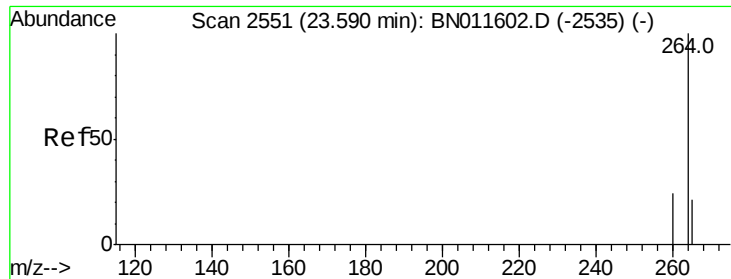


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.58 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BN011651.D

Acq: 26 Aug 2020 18:45

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

Tot Ion: 264 Resp: 18514

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 48.4 40.7 61.1

