

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 00:23:35 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

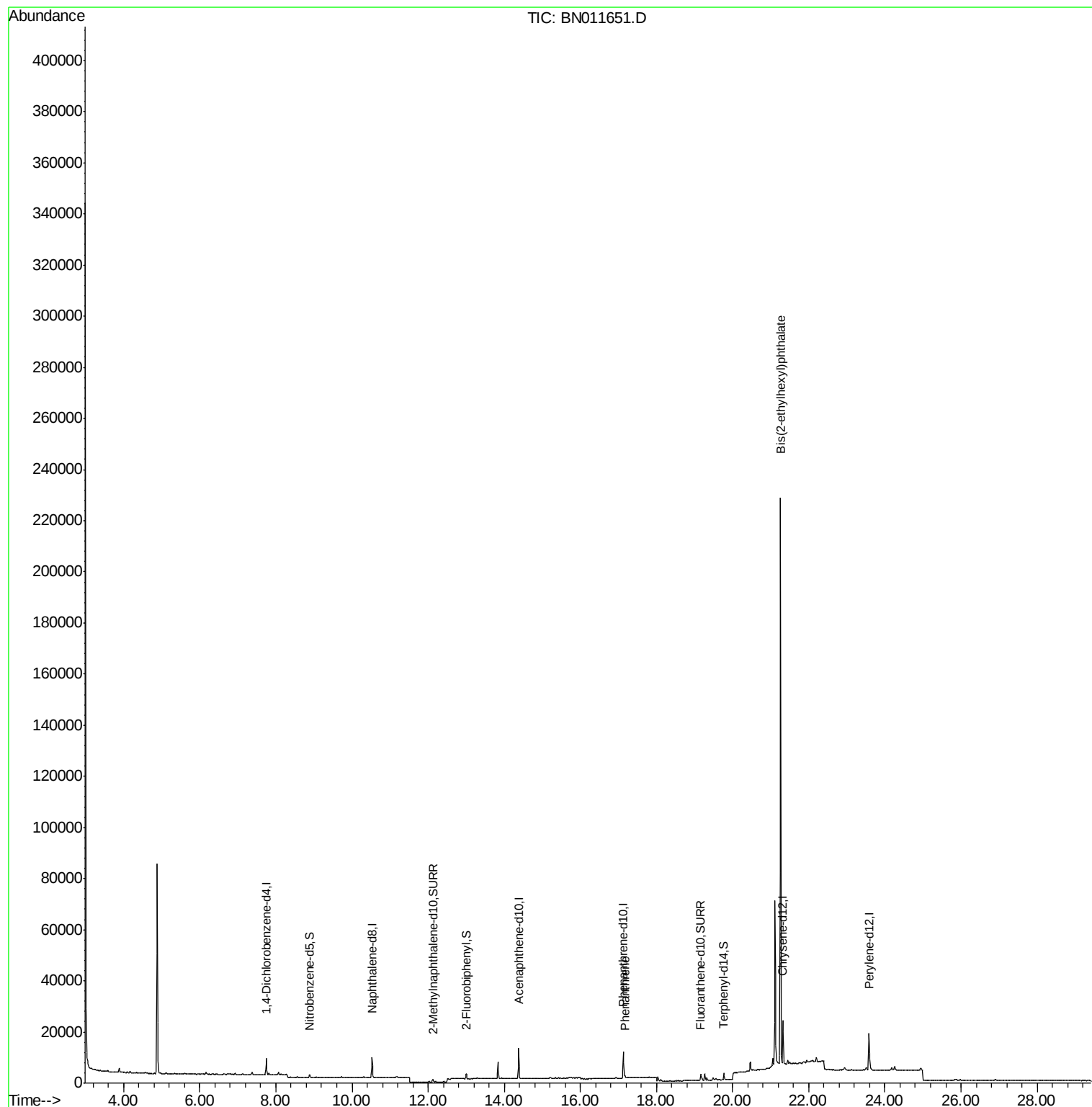
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2561	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	10304	0.40	ng	-0.01
13) Acenaphthene-d10	14.38	164	6249	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	13764	0.40	ng	-0.01
29) Chrysene-d12	21.32	240	16296	0.40	ng	-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						Qvalue
25) Phenanthrene	17.18	178	1406	0.033	ng	97
34) Bis(2-ethylhexyl)phthalate	21.26	149	168287	5.229	ng	94

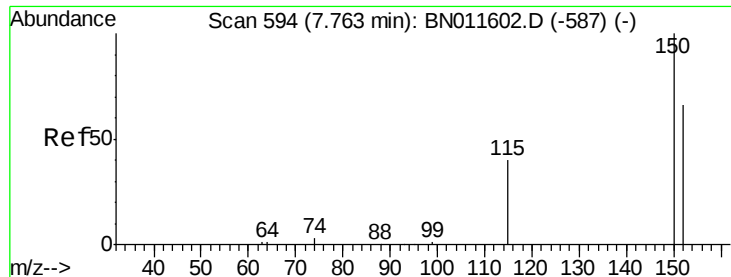
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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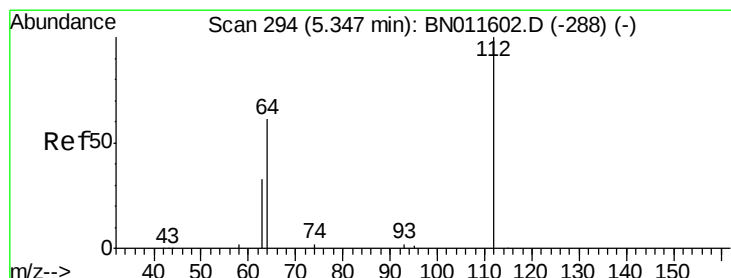
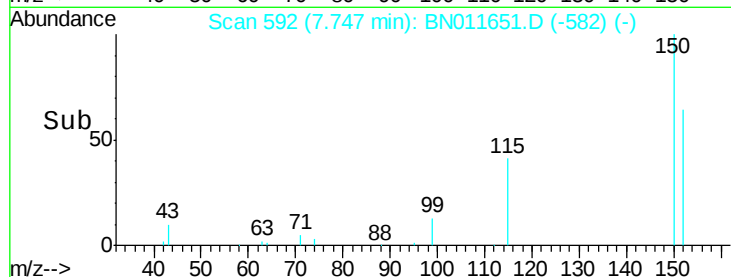
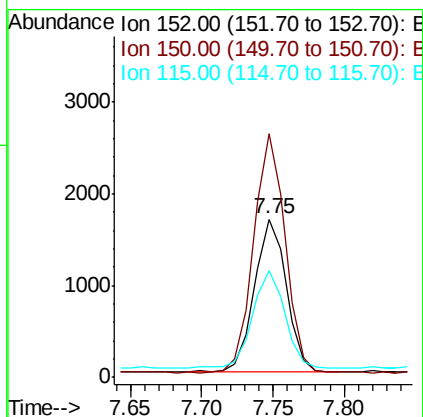
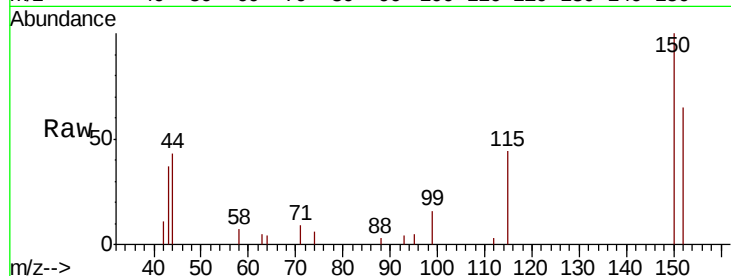


#1

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

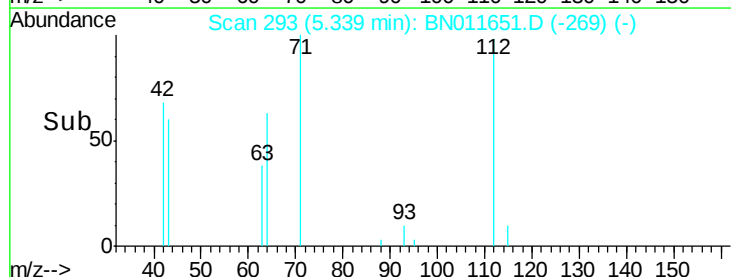
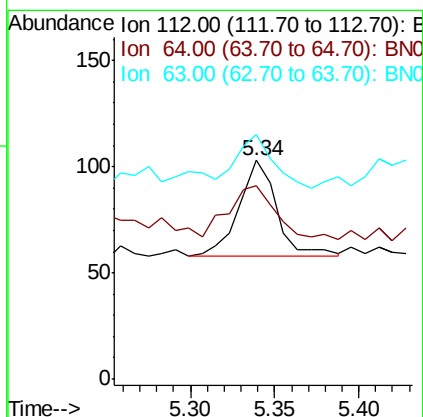
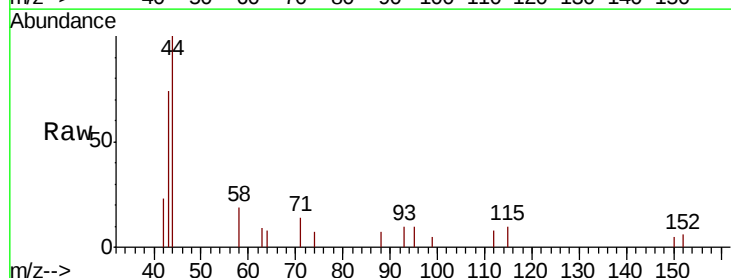
Tot Ion:152 Resp: 2561
Ion Ratio Lower Upper
152 100
150 154.1 112.4 168.6
115 67.2 56.9 85.3

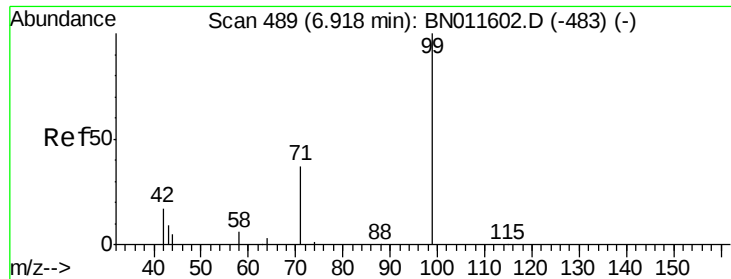


#4

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

Tgt Ion:112 Resp: 71
Ion Ratio Lower Upper
112 100
64 71.8 49.6 74.4
63 53.5 26.4 39.6





#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

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

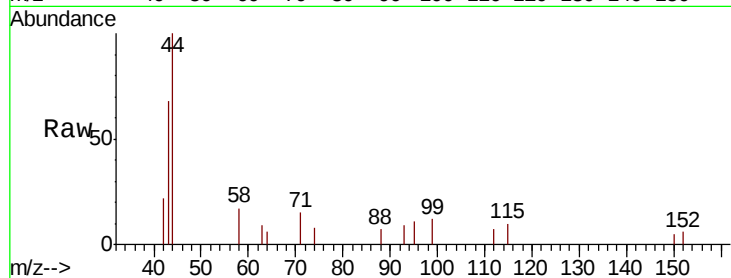
Tot Ion: 99 Resp: 131

Ion Ratio Lower Upper

99 100

42 98.5 0.0 0.0#

71 120.6 0.0 0.0#

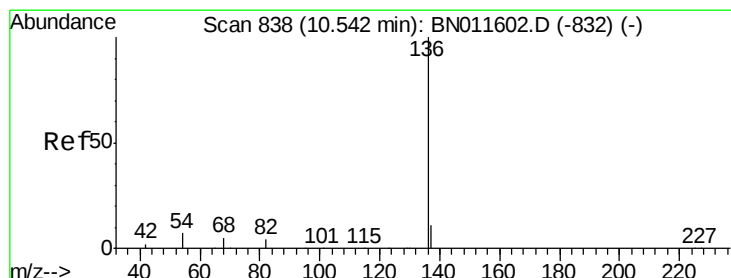
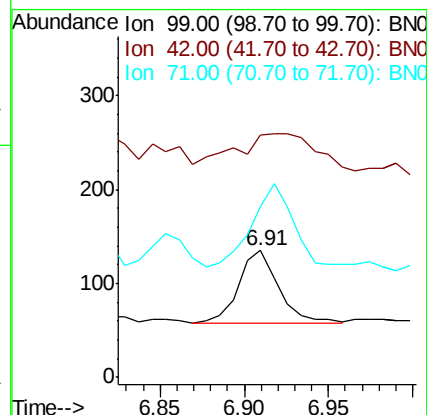
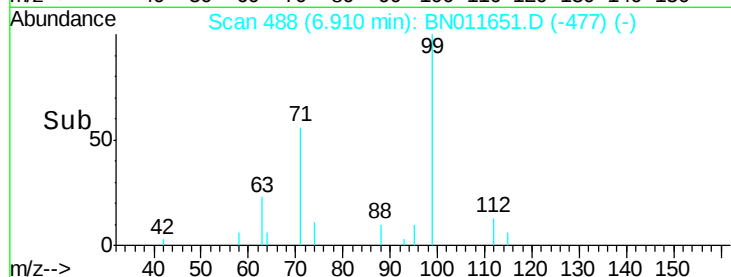


Abundance Ion 99.00 (98.70 to 99.70): BN011602.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011602.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011602.D (-483) (-)

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

Tgt Ion: 136 Resp: 10304

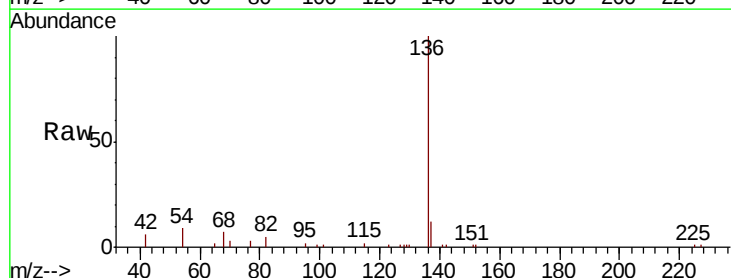
Ion Ratio Lower Upper

136 100

137 11.6 11.5 17.3

54 8.7 11.9 17.9#

68 7.1 12.3 18.5#



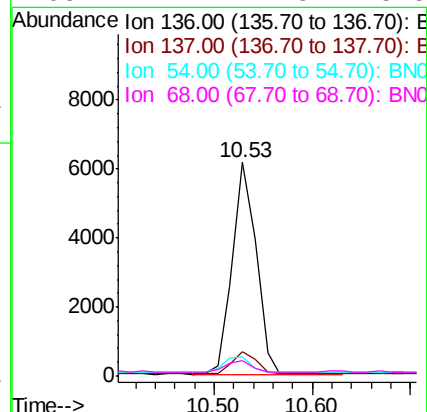
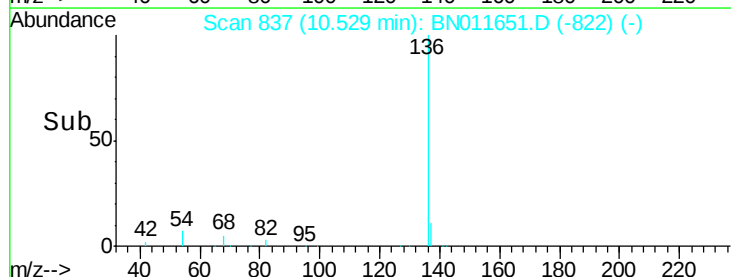
Abundance Ion 136.00 (135.70 to 136.70): BN011602.D (-832) (-)

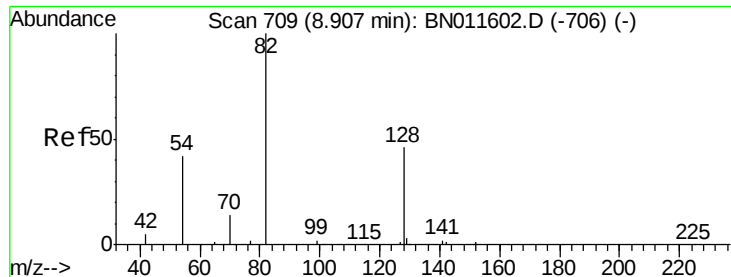
Ion 137.00 (136.70 to 137.70): BN011602.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN011602.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN011602.D (-832) (-)

Time-->





#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

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

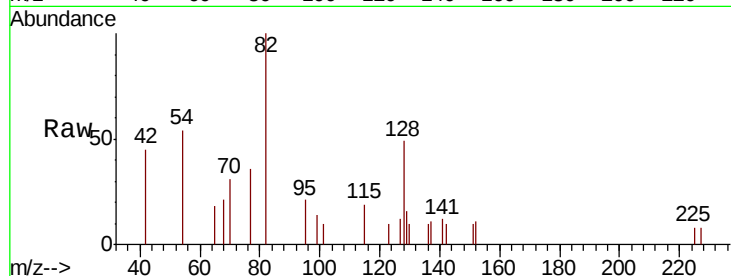
Tot Ion: 82 Resp: 894

Ion Ratio Lower Upper

82 100

128 49.0 31.1 46.7#

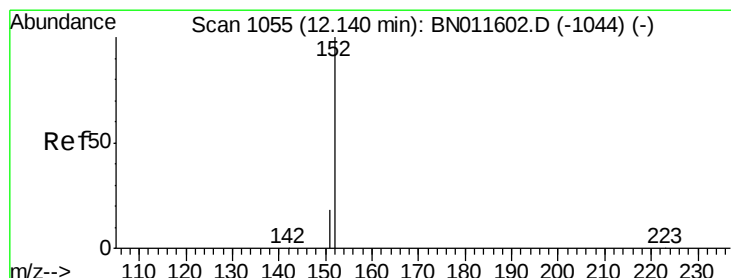
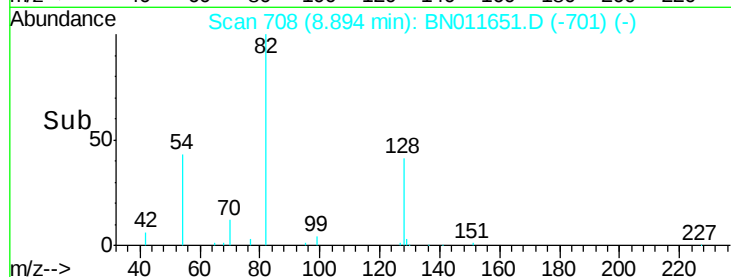
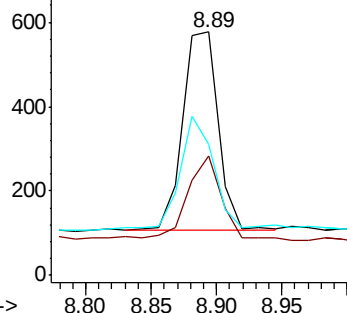
54 53.7 37.1 55.7



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.069 ng

RT: 12.12 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BN011651.D

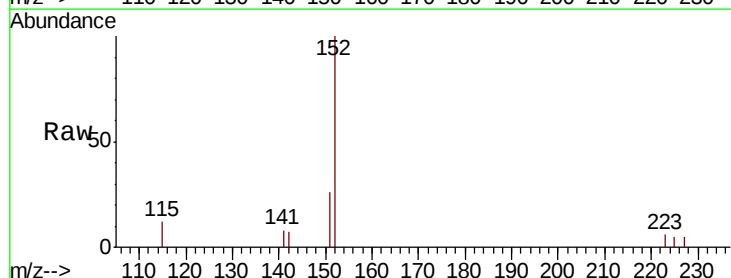
Acq: 26 Aug 2020 18:45

Tgt Ion: 152 Resp: 1354

Ion Ratio Lower Upper

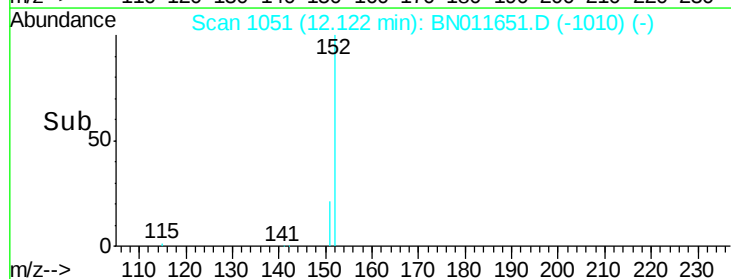
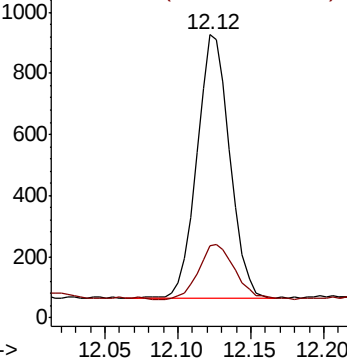
152 100

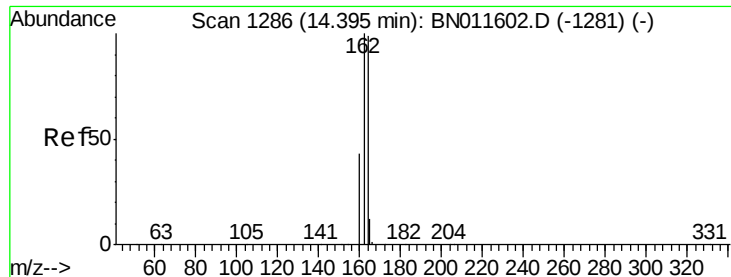
151 23.3 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#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

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

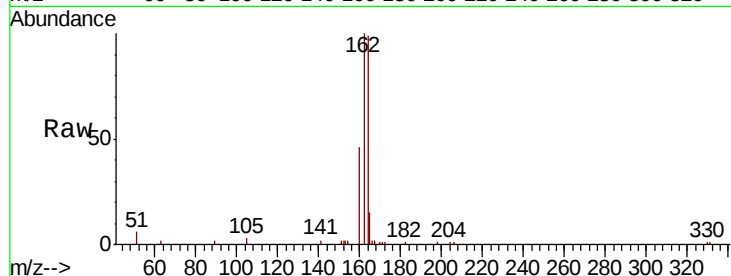
Tot Ion:164 Resp: 6249

Ion Ratio Lower Upper

164 100

162 100.8 80.8 121.2

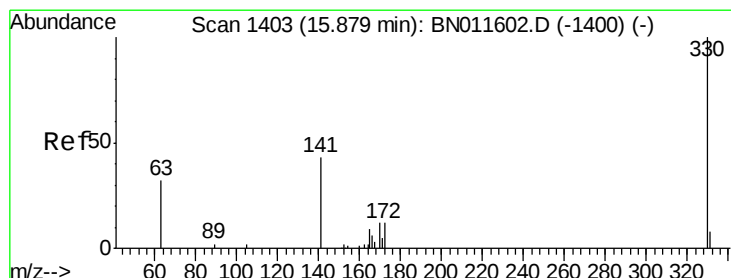
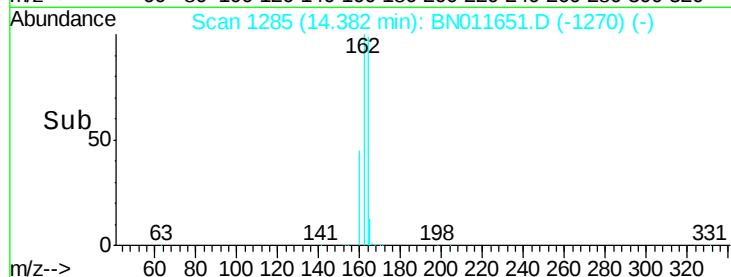
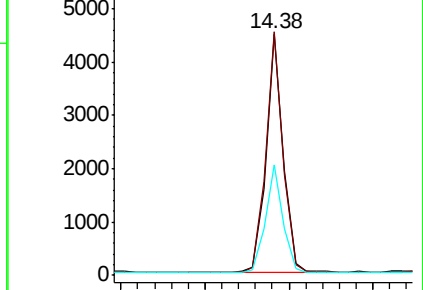
160 45.9 35.6 53.4



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

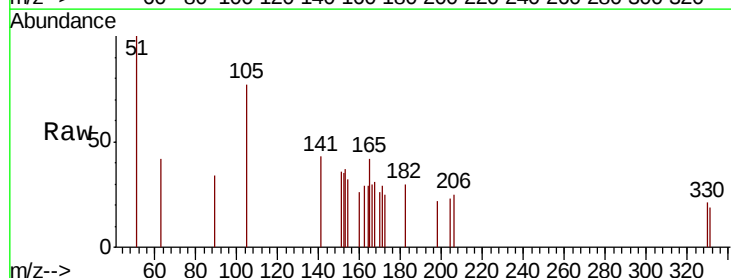
Tgt Ion:330 Resp: 8

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

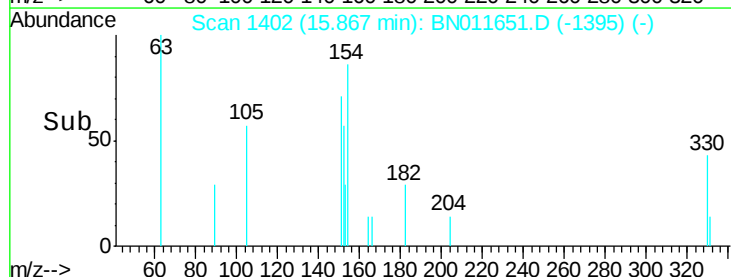
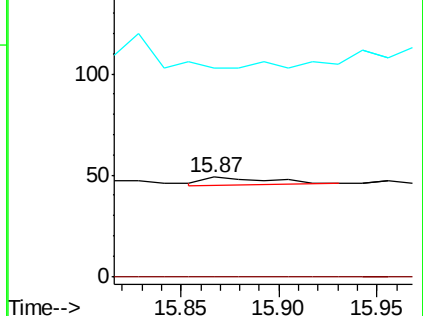
141 0.0 29.4 44.2#

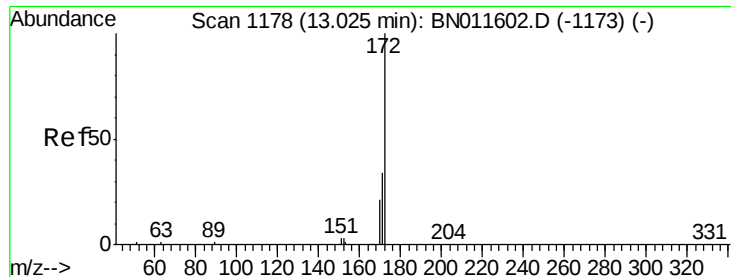


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

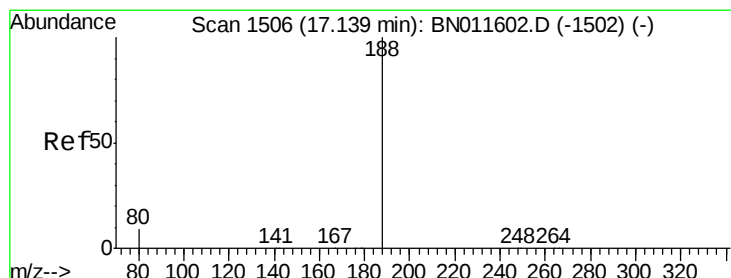
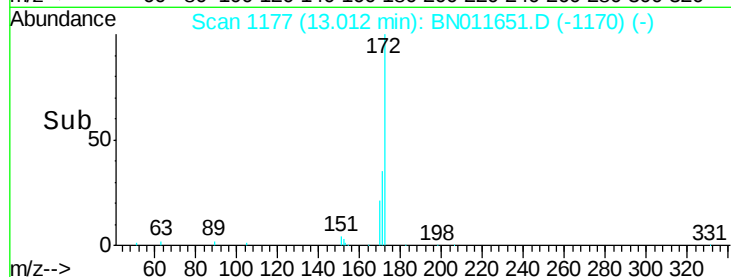
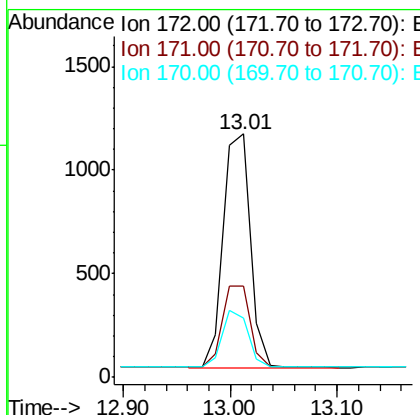
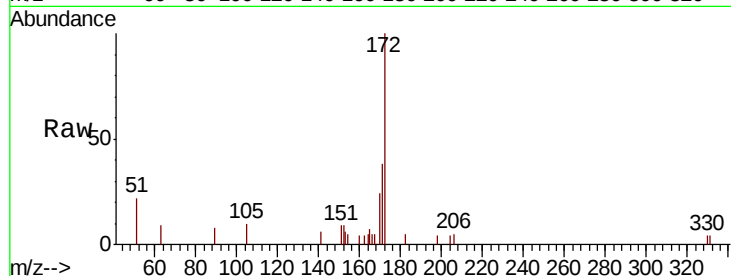




#15
2-Fluorobiphenyl
Concen: 0.081 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011651.D
Acq: 26 Aug 2020 18:45

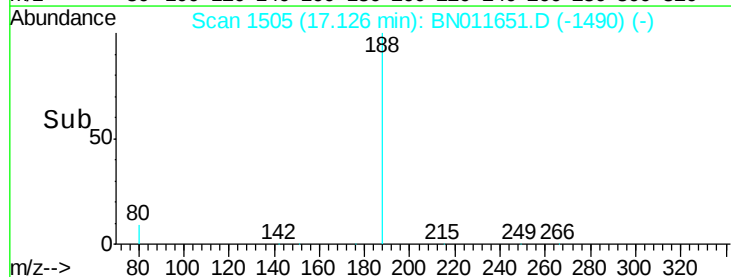
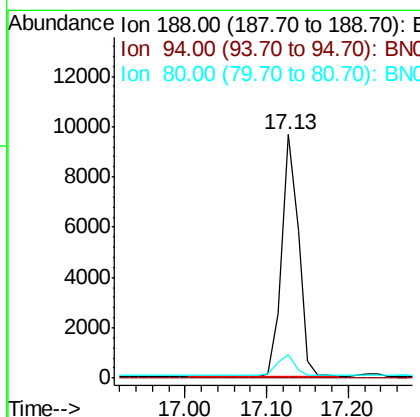
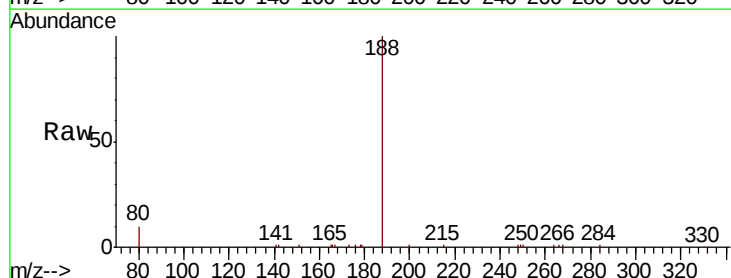
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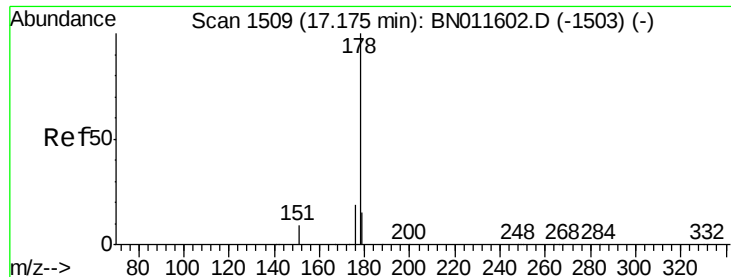
Tot Ion:172 Resp: 1973
Ion Ratio Lower Upper
172 100
171 37.7 28.6 42.8
170 24.3 18.2 27.2



#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

Tgt Ion:188 Resp: 13764
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 9.2 13.8





#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

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

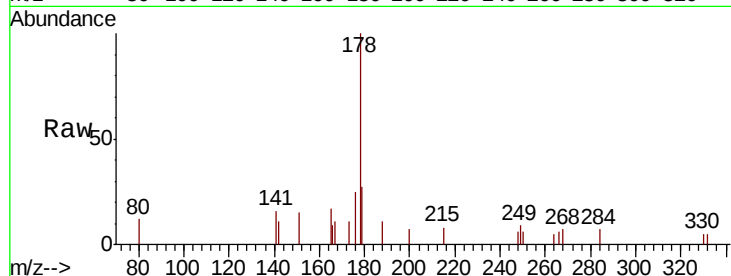
Tot Ion:178 Resp: 1406

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

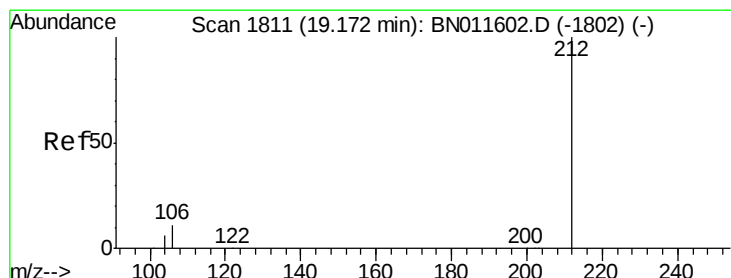
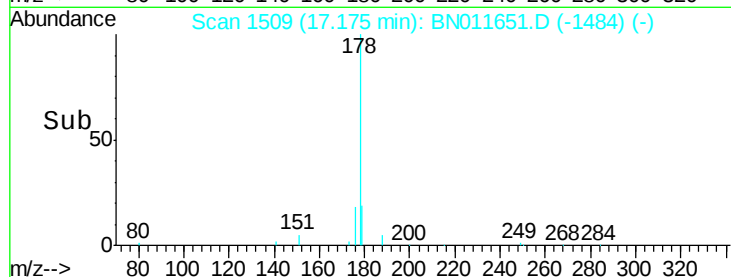
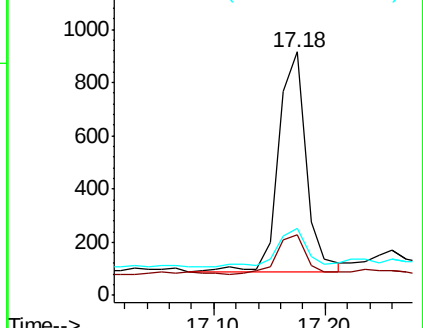
179 18.4 12.6 18.8



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

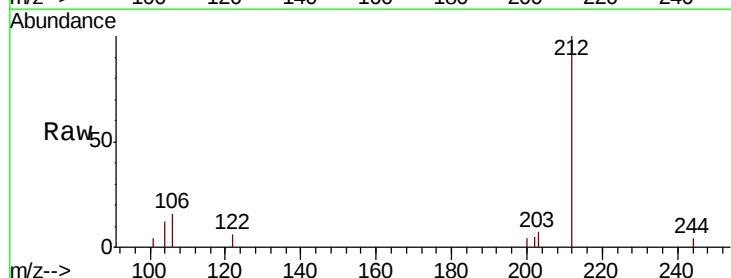
Tgt Ion:212 Resp: 2909

Ion Ratio Lower Upper

212 100

106 12.9 8.9 13.3

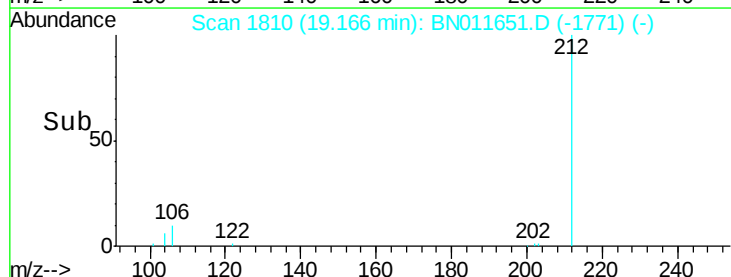
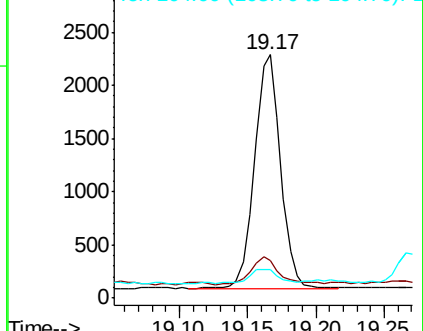
104 6.6 5.3 7.9

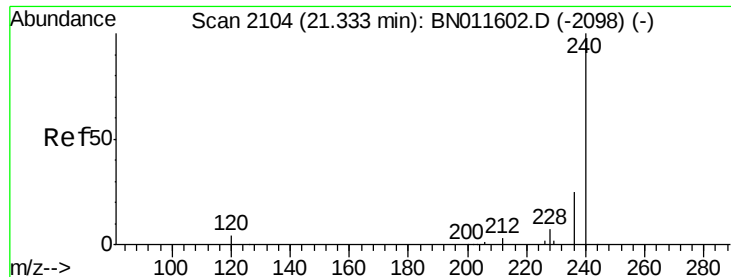


Abundance Ion 212.00 (211.70 to 212.70): E

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

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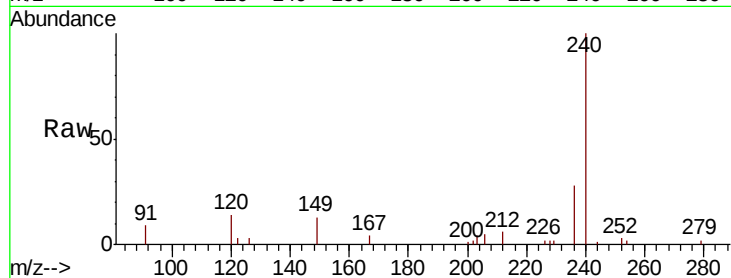
Tot Ion:240 Resp: 16296

Ion Ratio Lower Upper

240 100

120 14.1 6.0 9.0#

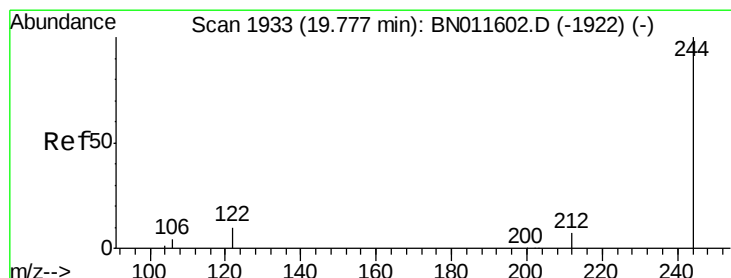
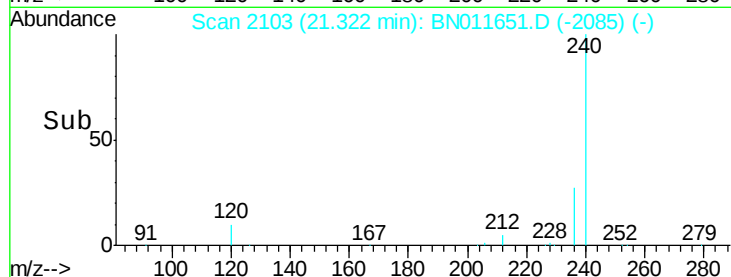
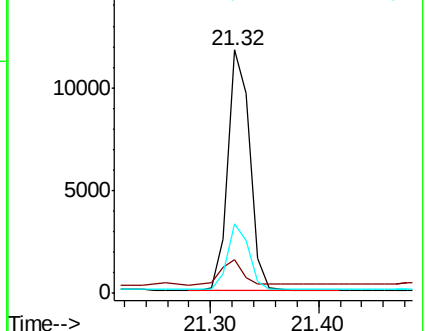
236 28.3 20.8 31.2



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

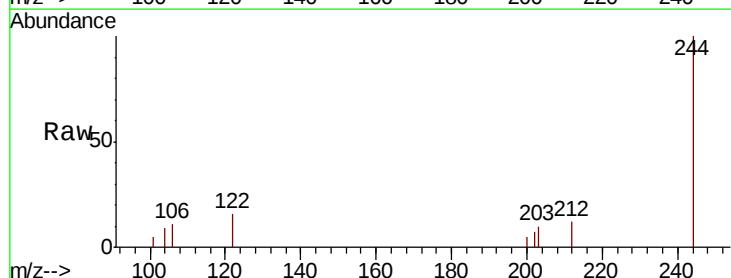
Tgt Ion:244 Resp: 2717

Ion Ratio Lower Upper

244 100

212 12.4 6.5 9.7#

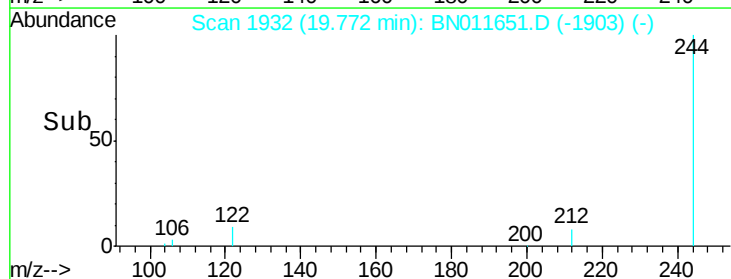
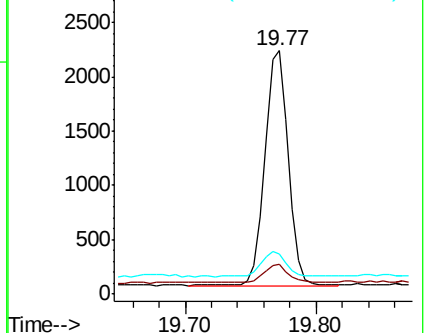
122 16.4 9.5 14.3#

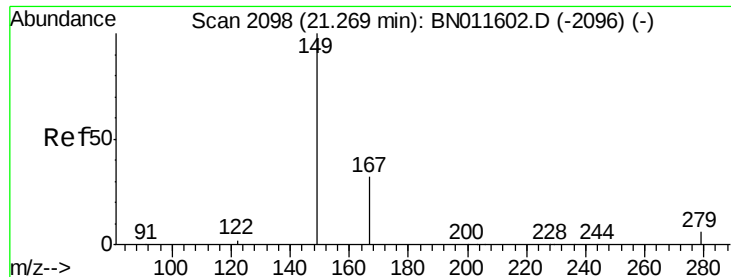


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

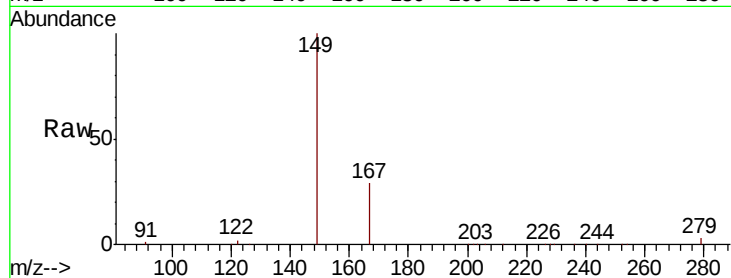
Tot Ion:149 Resp: 168287

Ion Ratio Lower Upper

149 100

167 29.3 20.6 31.0

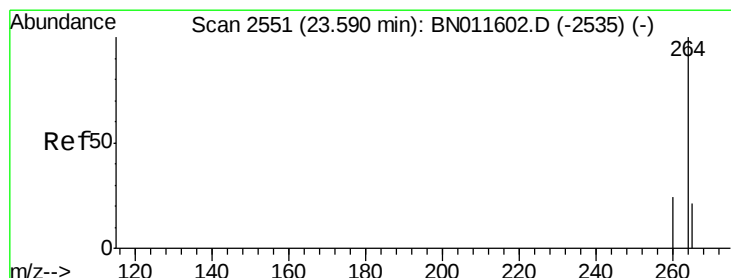
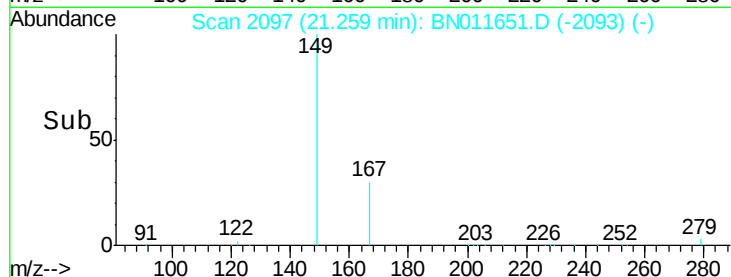
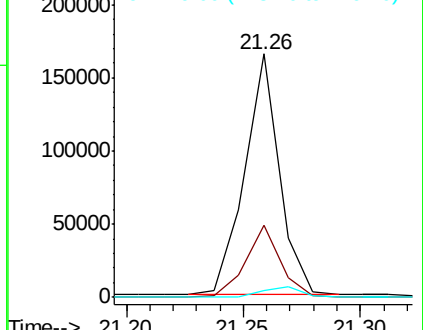
279 5.0 3.8 5.8



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

Perylene-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

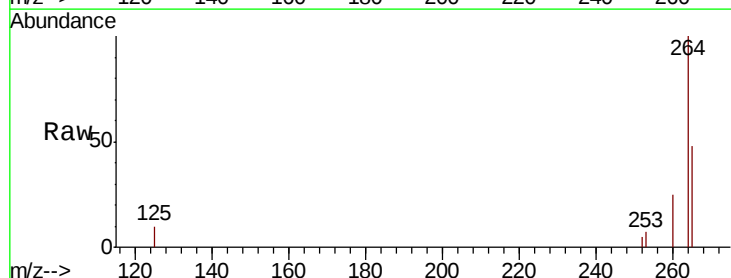
Tgt Ion:264 Resp: 18514

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 48.4 40.7 61.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

