

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
 Data File : BN011677.D
 Acq On : 27 Aug 2020 23:32
 Operator : CG/JU
 Sample : L3820-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-658-660

Quant Time: Aug 28 00:40:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 14:34:48 2020
 Response via : Initial Calibration

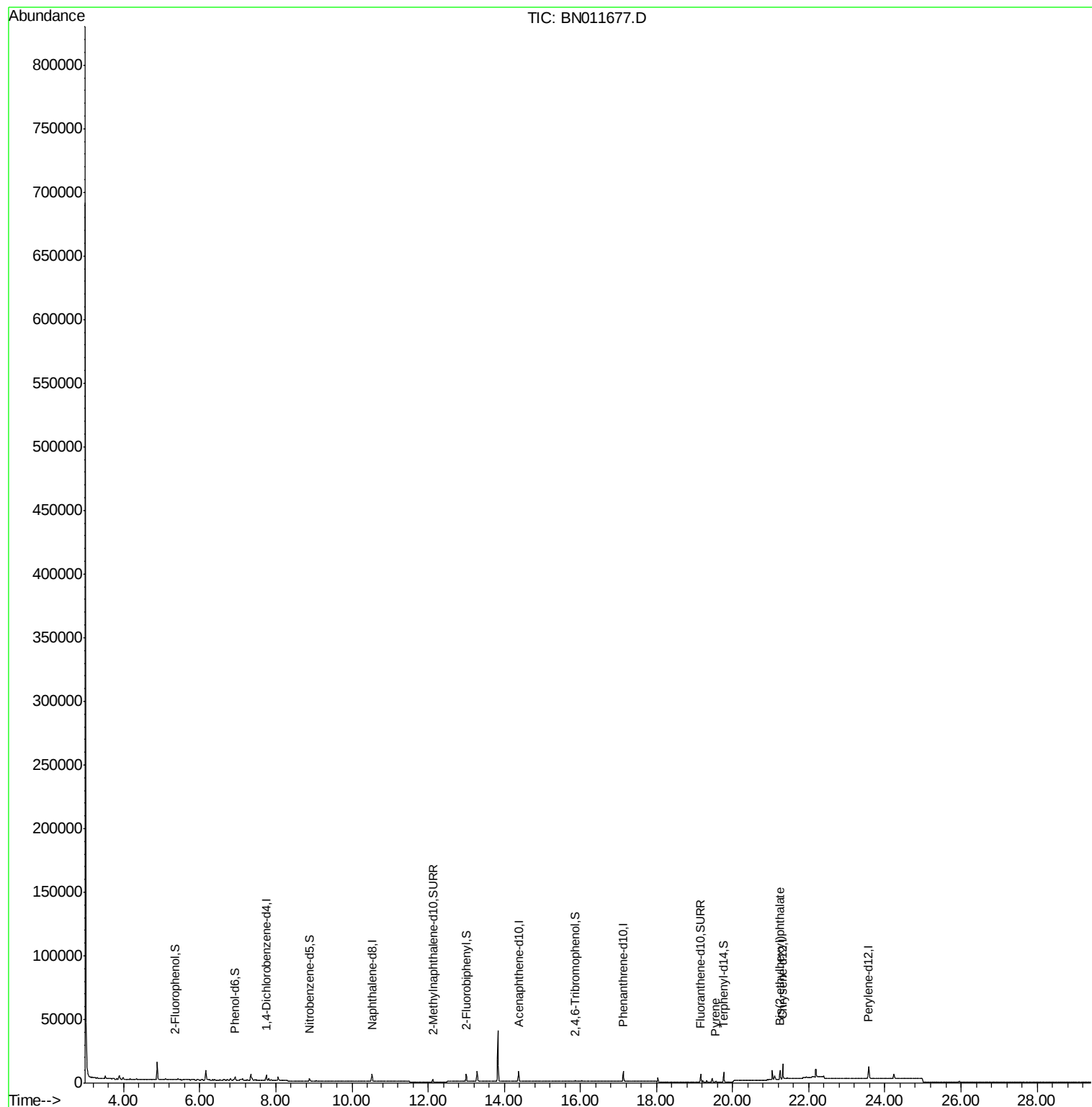
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2027	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	7714	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4608	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	10311	0.40	ng	0.00
29) Chrysene-d12	21.32	240	12001	0.40	ng	0.00
36) Perylene-d12	23.58	264	12305	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	380	0.07	ng	0.00
5) Phenol-d6	6.91	99	339	0.04	ng	0.00
8) Nitrobenzene-d5	8.88	82	1741	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	3065	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	349	0.16	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	4882	0.25	ng	0.00
27) Fluoranthene-d10	19.16	212	8066	0.24	ng	0.00
31) Terphenyl-d14	19.76	244	8115	0.27	ng	-0.01
Target Compounds						
30) Pyrene	19.55	202	926	0.022	ng	96
34) Bis(2-ethylhexyl)phthalate	21.25	149	5666	0.325	ng	100

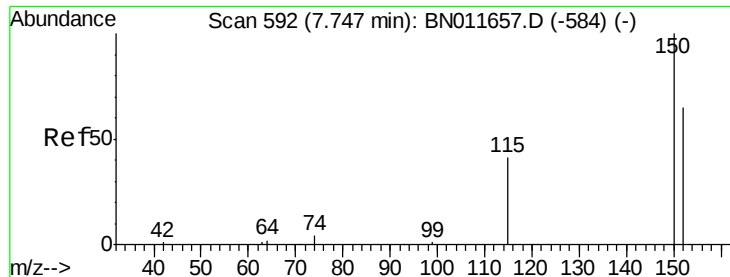
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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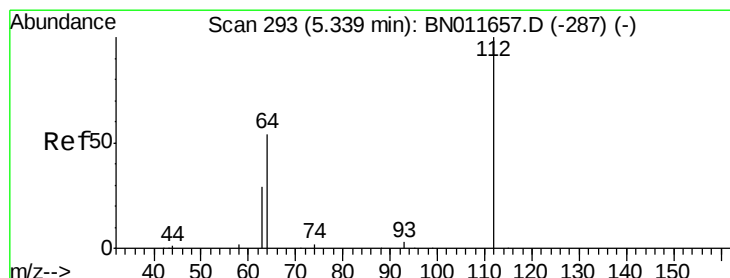
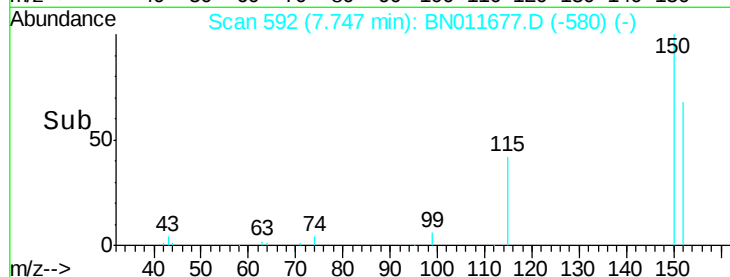
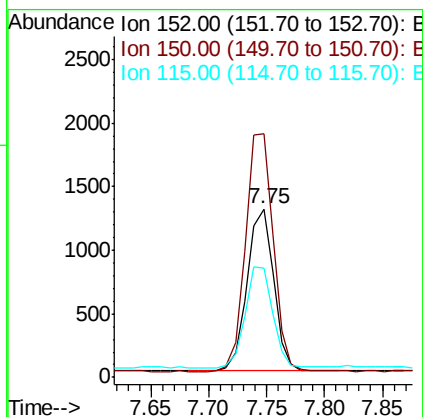
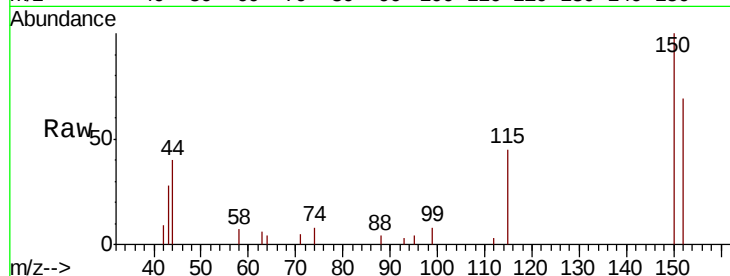


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. -0.00 min
Lab File: BN011677.D
Acq: 27 Aug 2020 23:32

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-658-660

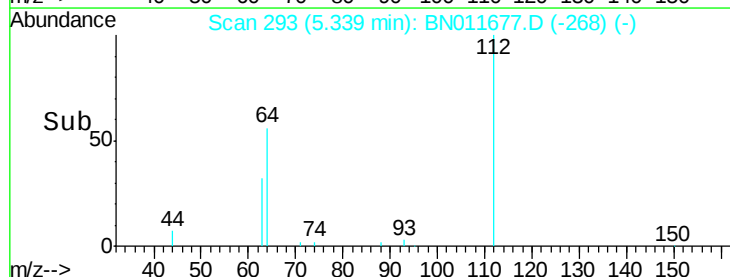
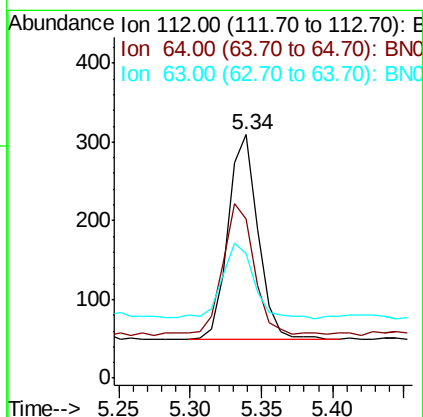
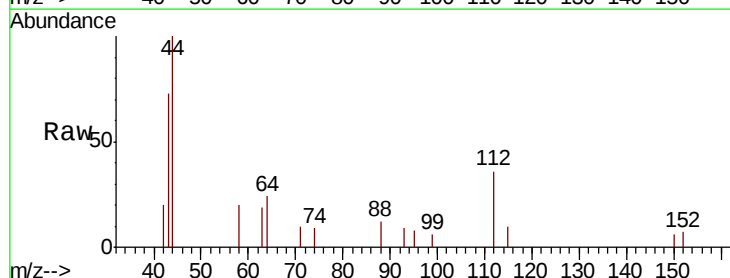
Tot Ion:152 Resp: 2027
Ion Ratio Lower Upper
152 100
150 144.4 121.0 181.6
115 65.0 52.6 78.8

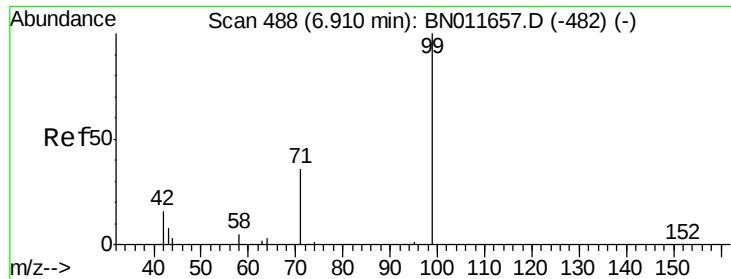


#4

2-Fluorophenol
Concen: 0.066 ng
RT: 5.34 min Scan# 293
Delta R.T. -0.00 min
Lab File: BN011677.D
Acq: 27 Aug 2020 23:32

Tgt Ion:112 Resp: 380
Ion Ratio Lower Upper
112 100
64 67.6 49.7 74.5
63 42.4 29.4 44.0





#5

Phenol-d6

Concen: 0.044 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.00 min

Lab File: BN011677.D

Acq: 27 Aug 2020 23:32

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-658-660

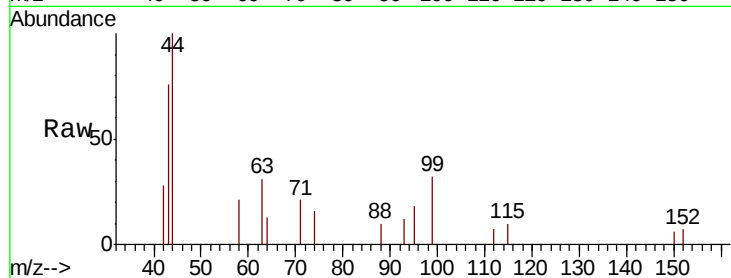
Tot Ion: 99 Resp: 339

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

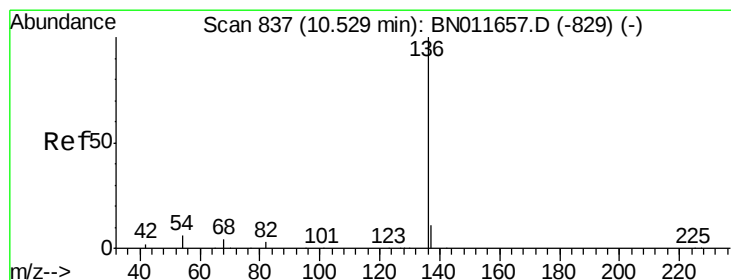
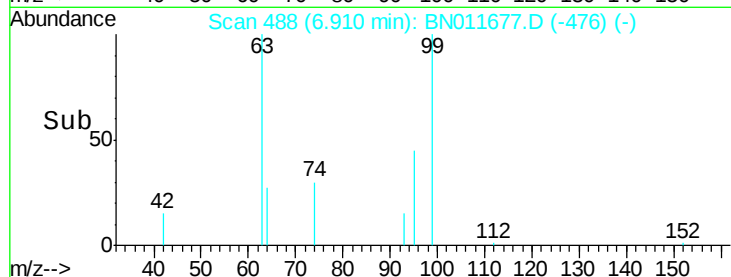
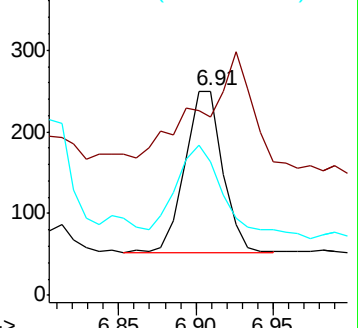
71 74.0 33.3 49.9#



Abundance Ion 99.00 (98.70 to 99.70): BN011657.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011657.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011657.D (-482) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN011677.D

Acq: 27 Aug 2020 23:32

Tgt Ion: 136 Resp: 7714

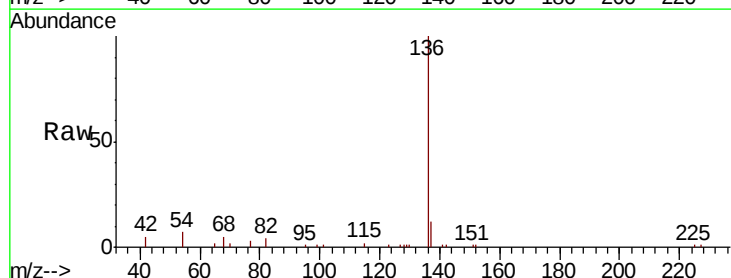
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 6.9 5.8 8.8

68 4.8 4.1 6.1

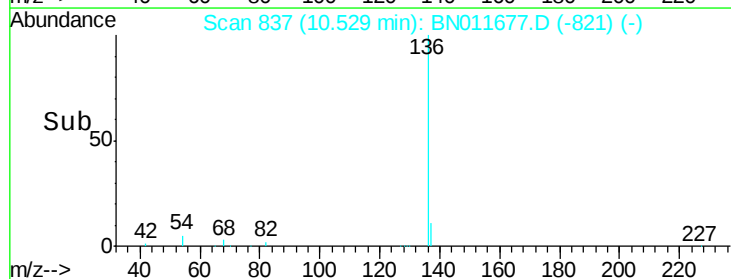
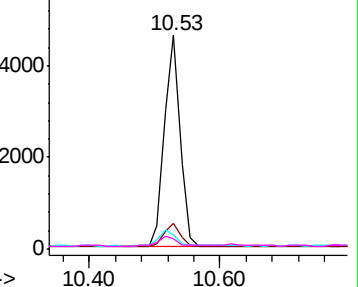


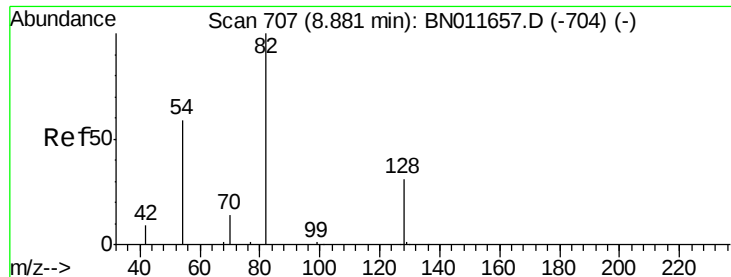
Abundance Ion 136.00 (135.70 to 136.70): BN011657.D (-829) (-)

Ion 137.00 (136.70 to 137.70): BN011657.D (-829) (-)

Ion 54.00 (53.70 to 54.70): BN011657.D (-829) (-)

Ion 68.00 (67.70 to 68.70): BN011657.D (-829) (-)





#8

Nitrobenzene-d5

Concen: 0.233 ng

RT: 8.88 min Scan# 707

Delta R.T. -0.00 min

Lab File: BN011677.D

Acq: 27 Aug 2020 23:32

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-658-660

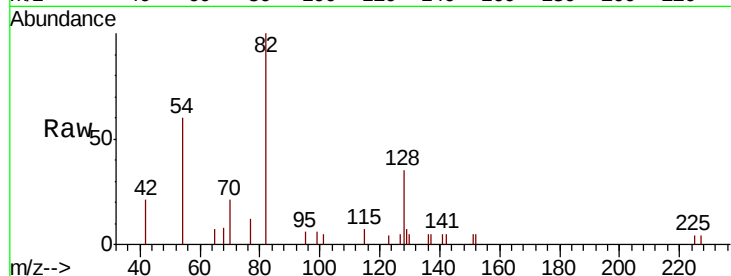
Tot Ion: 82 Resp: 1741

Ion Ratio Lower Upper

82 100

128 35.4 26.2 39.2

54 59.8 48.2 72.4

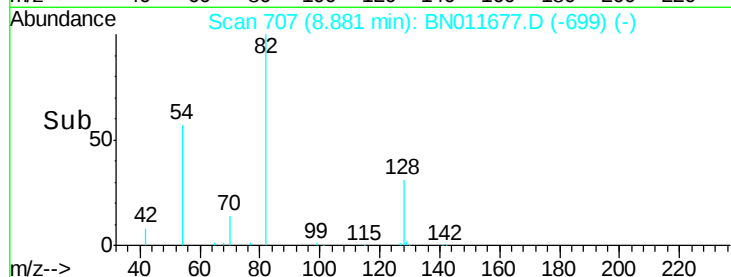


Abundance Ion 82.00 (81.70 to 82.70): BNC

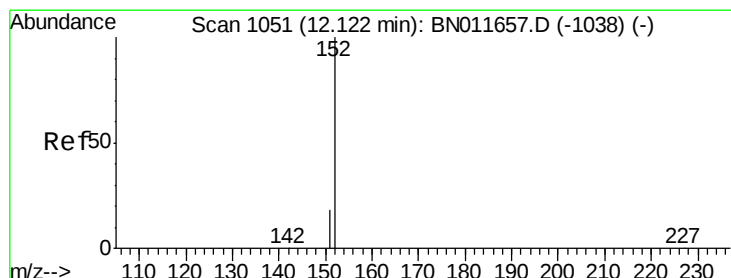
Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.220 ng

RT: 12.12 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BN011677.D

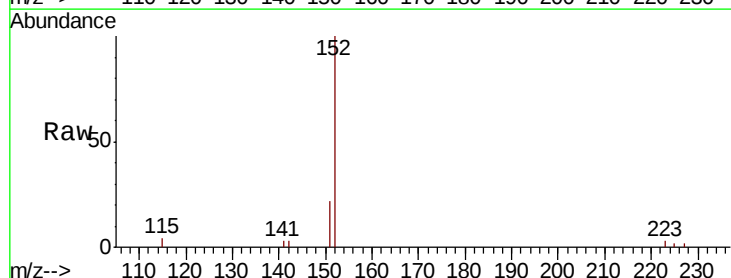
Acq: 27 Aug 2020 23:32

Tgt Ion: 152 Resp: 3065

Ion Ratio Lower Upper

152 100

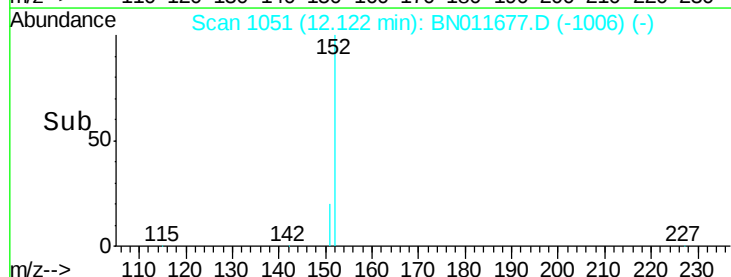
151 21.4 16.7 25.1



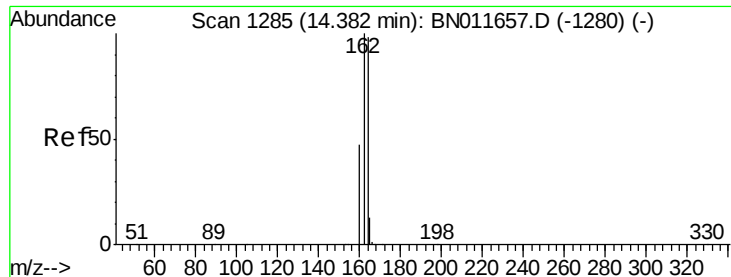
Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BN011677.D

Acq: 27 Aug 2020 23:32

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-658-660

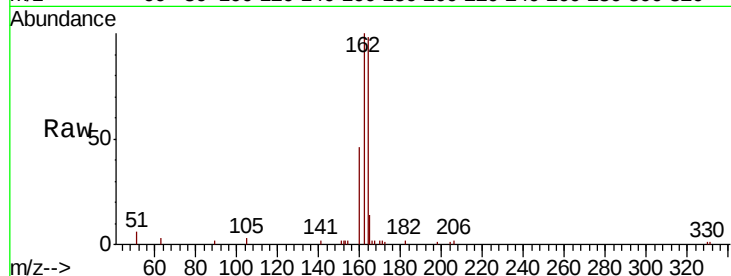
Tot Ion:164 Resp: 4608

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

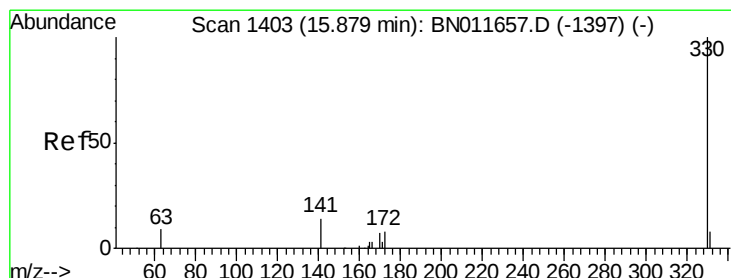
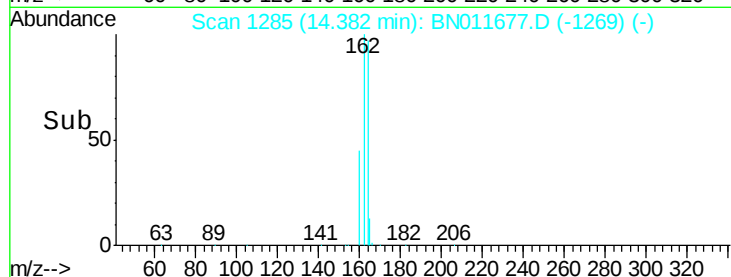
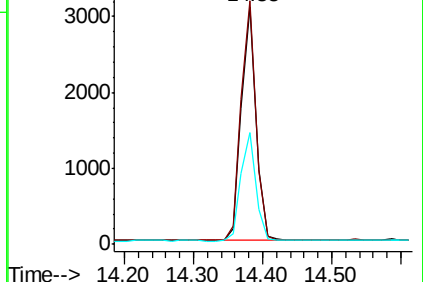
160 47.1 38.5 57.7



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: 0.156 ng

RT: 15.87 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BN011677.D

Acq: 27 Aug 2020 23:32

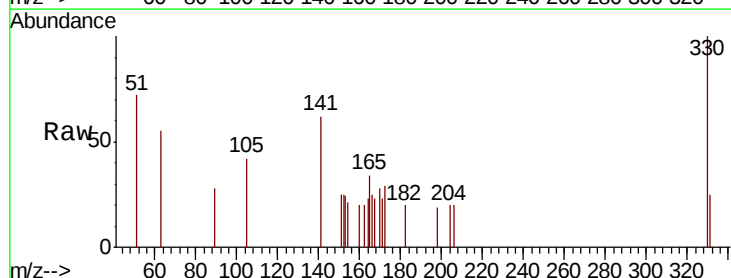
Tgt Ion:330 Resp: 349

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

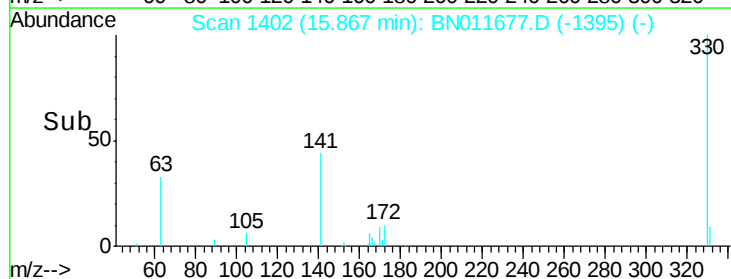
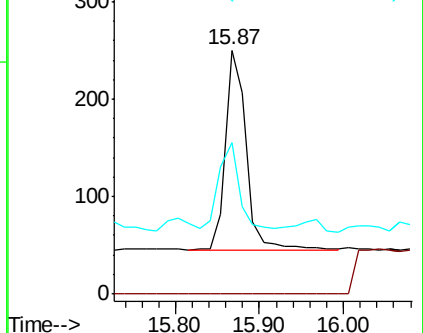
141 42.4 30.0 45.0

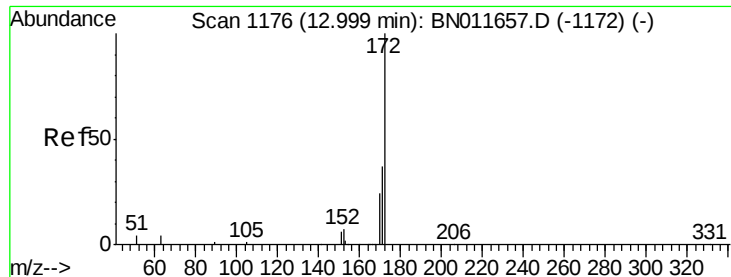


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

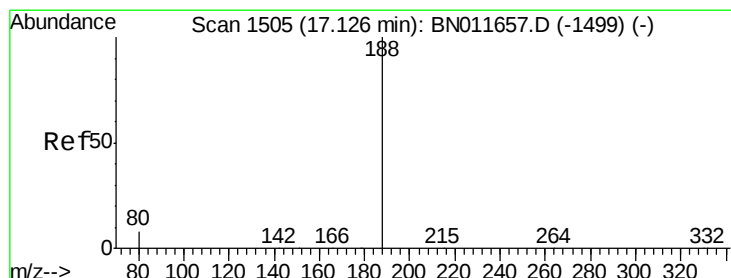
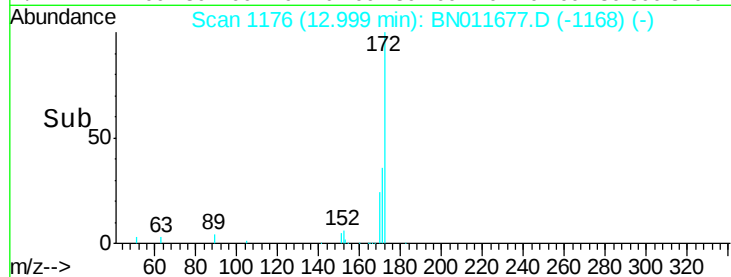
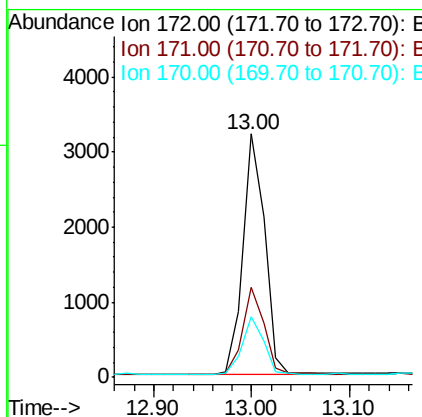
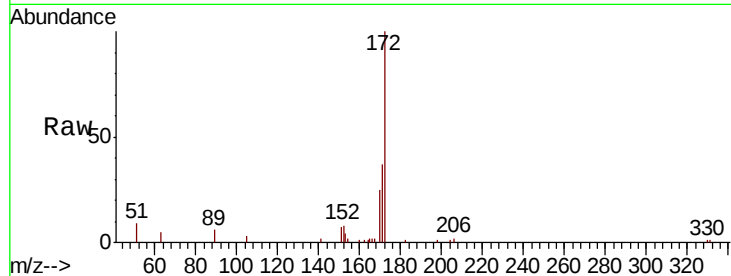




#15
2-Fluorobiphenyl
Concen: 0.251 ng
RT: 13.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BN011677.D
Acq: 27 Aug 2020 23:32

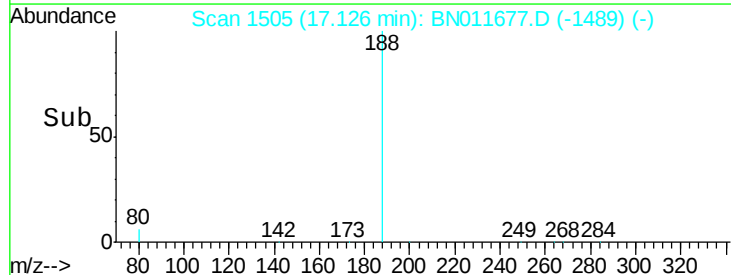
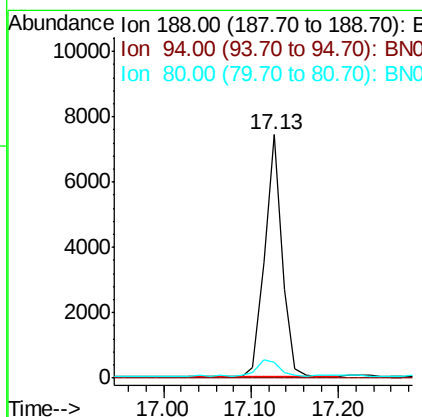
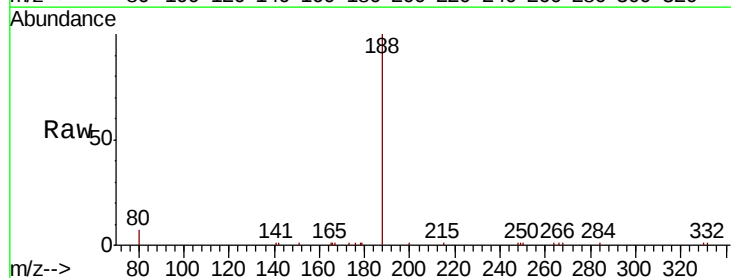
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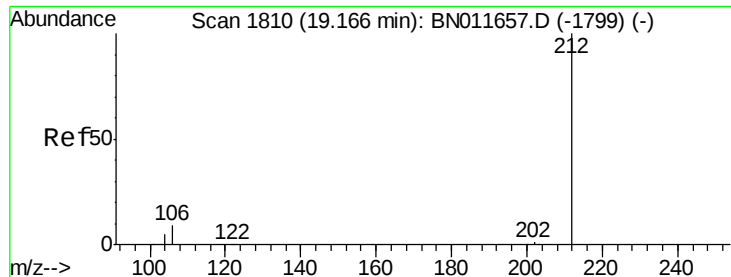
Tot Ion:172 Resp: 4882
Ion Ratio Lower Upper
172 100
171 36.8 30.0 45.0
170 24.7 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BN011677.D
Acq: 27 Aug 2020 23:32

Tgt Ion:188 Resp: 10311
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 6.6 9.8

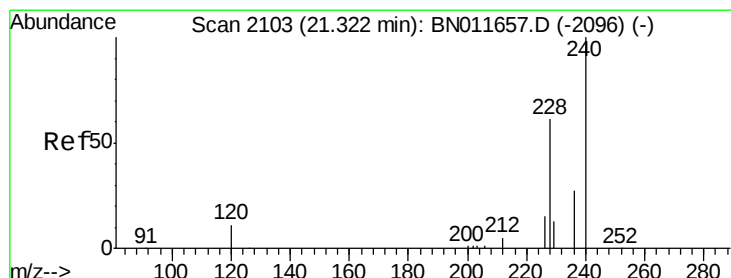
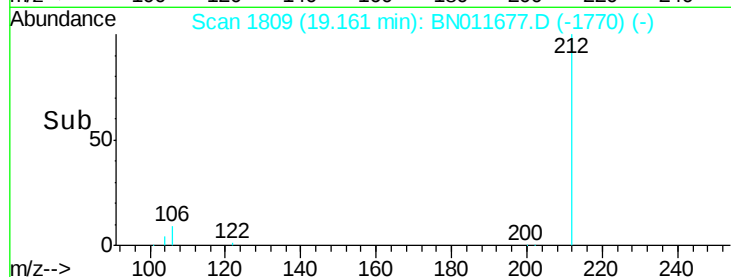
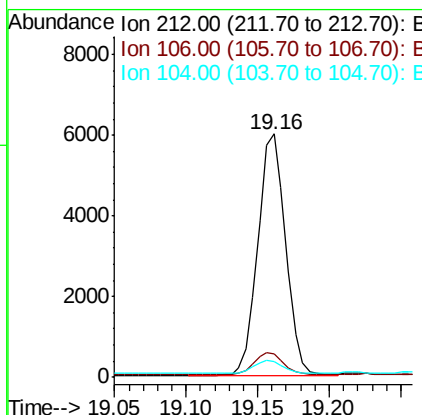
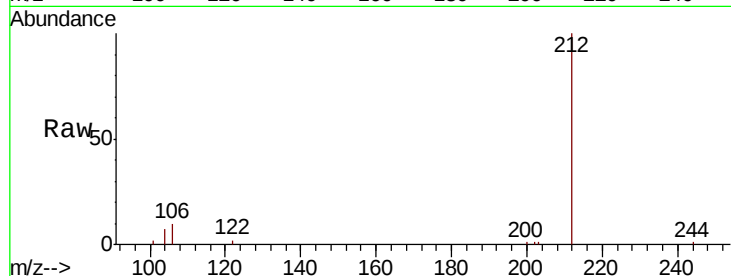




#27
 Fluoranthene-d10
 Concen: 0.244 ng
 RT: 19.16 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BN011677.D
 Acq: 27 Aug 2020 23:32

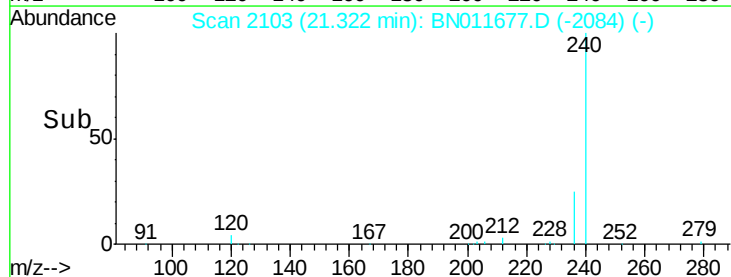
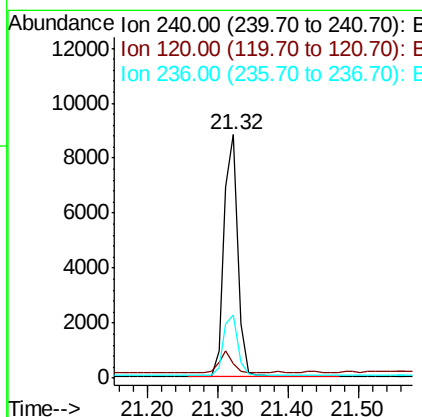
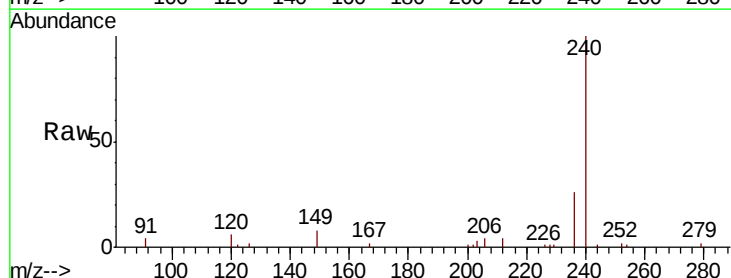
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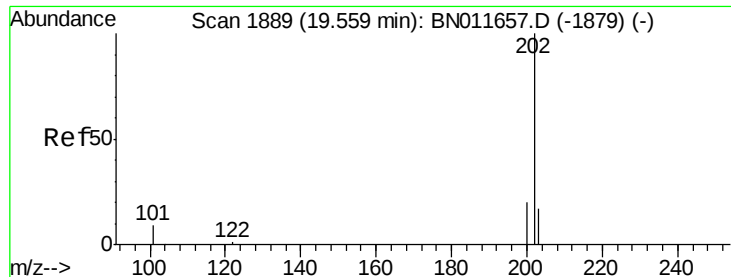
Tot Ion:212 Resp: 8066
 Ion Ratio Lower Upper
 212 100
 106 9.6 7.6 11.4
 104 5.7 4.6 6.8



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.32 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BN011677.D
 Acq: 27 Aug 2020 23:32

Tgt Ion:240 Resp: 12001
 Ion Ratio Lower Upper
 240 100
 120 5.8 9.9 14.9#
 236 26.1 22.2 33.4





#30

Pvrene

Concen: 0.022 ng

RT: 19.55 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BN011677.D

Acq: 27 Aug 2020 23:32

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-658-660

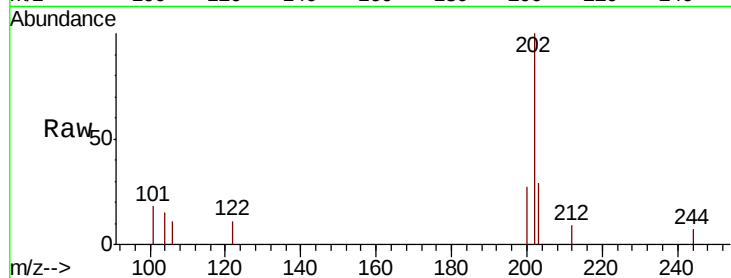
Tot Ion:202 Resp: 926

Ion Ratio Lower Upper

202 100

200 21.1 16.3 24.5

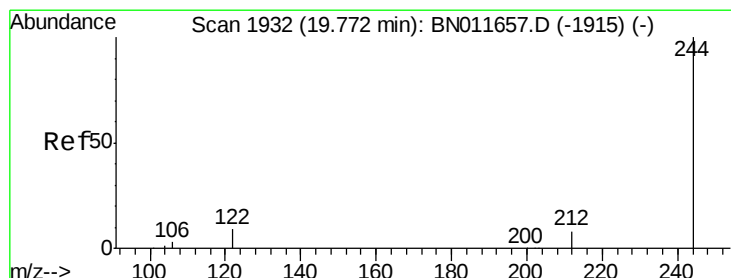
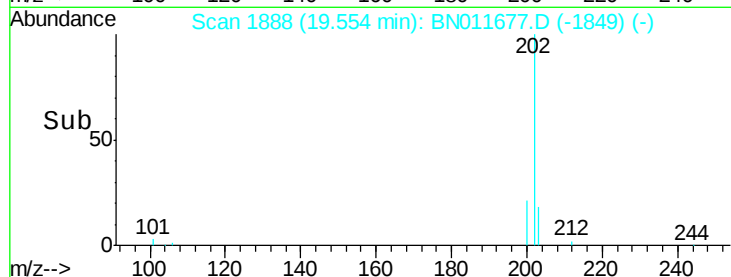
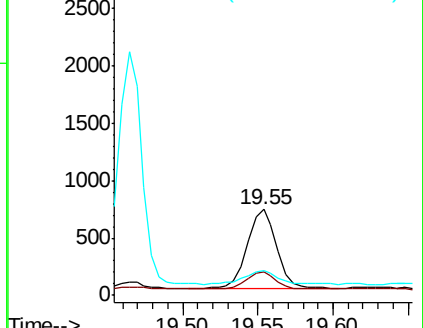
203 20.8 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#31

Terphenyl-d14

Concen: 0.272 ng

RT: 19.76 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BN011677.D

Acq: 27 Aug 2020 23:32

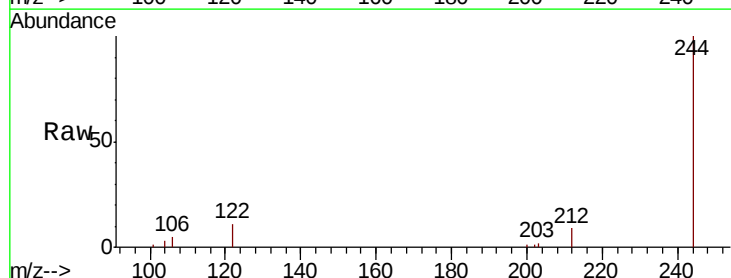
Tgt Ion:244 Resp: 8115

Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

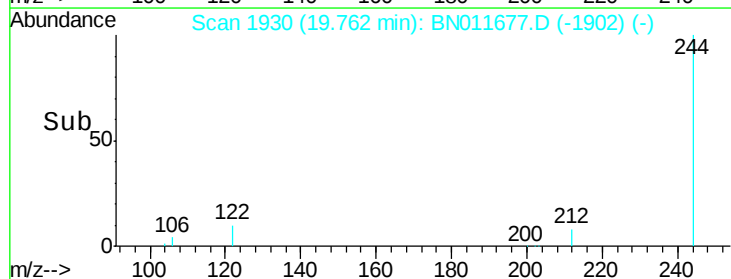
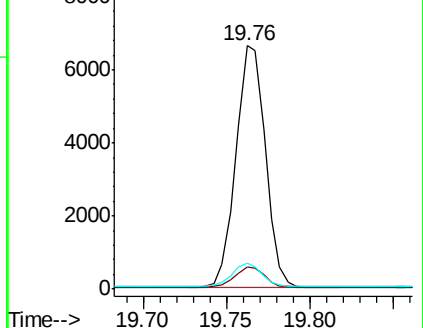
122 10.6 7.4 11.2

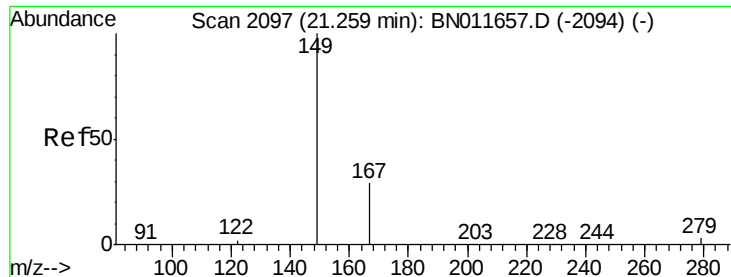


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.325 ng

RT: 21.25 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BN011677.D

Acq: 27 Aug 2020 23:32

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-658-660

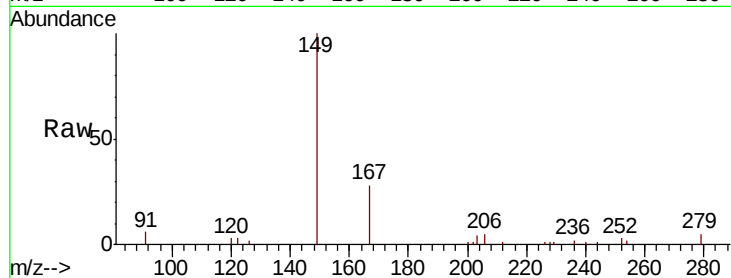
Tot Ion:149 Resp: 5666

Ion Ratio Lower Upper

149 100

167 29.1 23.2 34.8

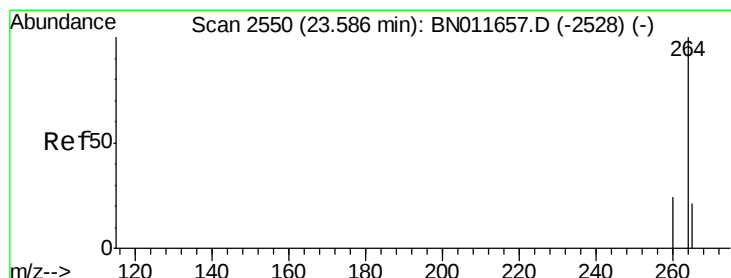
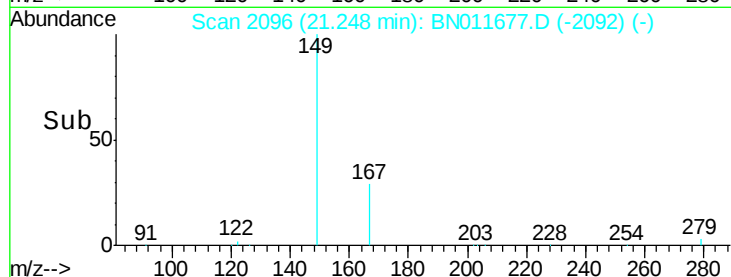
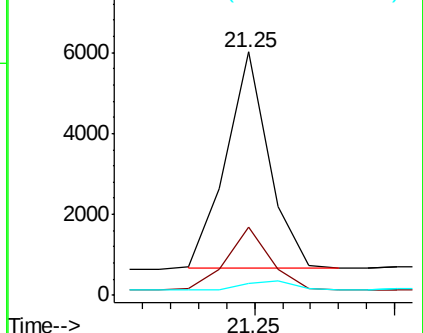
279 5.2 4.0 6.0



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# 2547

Delta R.T. -0.01 min

Lab File: BN011677.D

Acq: 27 Aug 2020 23:32

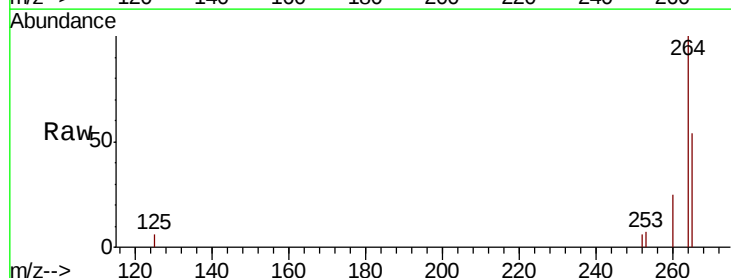
Tgt Ion:264 Resp: 12305

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

265 54.4 38.9 58.3



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

