

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
 Data File : BN011671.D
 Acq On : 27 Aug 2020 19:19
 Operator : CG/JU
 Sample : L3783-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 28 00:40:21 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	2051	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	7767	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4511	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	9742	0.40	ng	0.00
29) Chrysene-d12	21.32	240	10685	0.40	ng	0.00
36) Perylene-d12	23.58	264	12439	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	563	0.10	ng	0.00
5) Phenol-d6	6.91	99	716	0.09	ng	0.00
8) Nitrobenzene-d5	8.88	82	1327	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	2076	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	173	0.08	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	3083	0.16	ng	0.00
27) Fluoranthene-d10	19.16	212	4408	0.14	ng	0.00
31) Terphenyl-d14	19.77	244	3925	0.15	ng	0.00

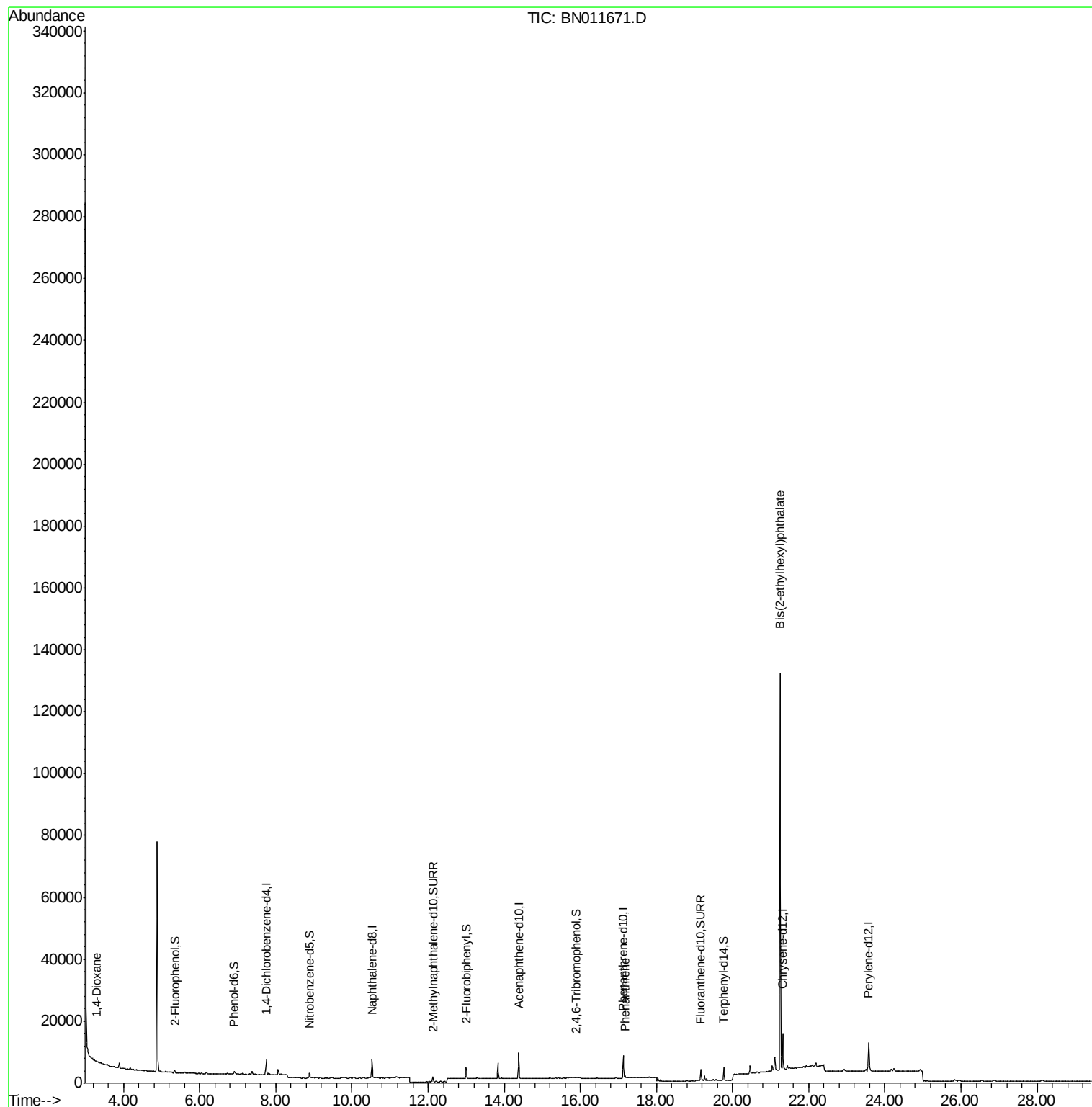
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	124	0.038	ng	# 1
25) Phenanthrene	17.16	178	1040	0.033	ng	96
34) Bis(2-ethylhexyl)phthalate	21.25	149	101420	6.535	ng	99

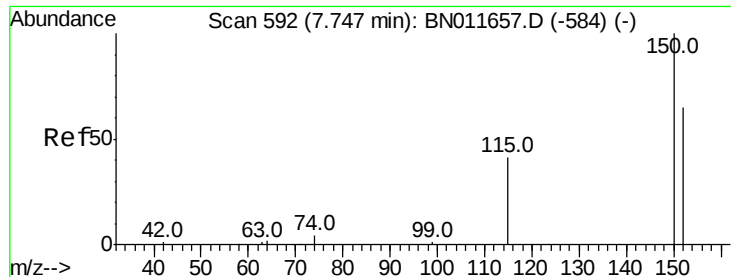
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN011671.D

Acq: 27 Aug 2020 19:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

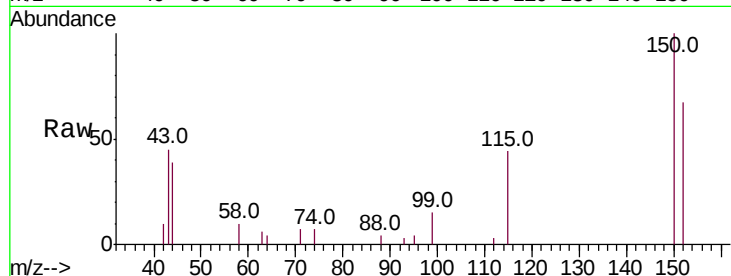
Tot Ion:152 Resp: 2051

Ion Ratio Lower Upper

152 100

150 149.7 121.0 181.6

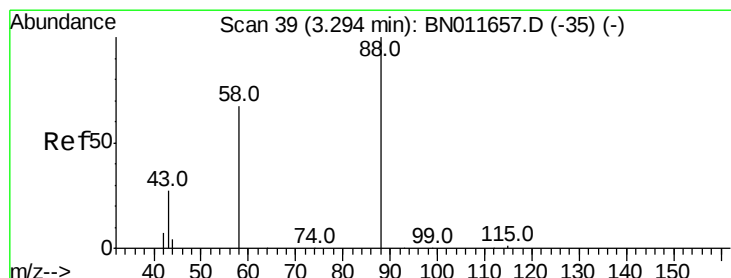
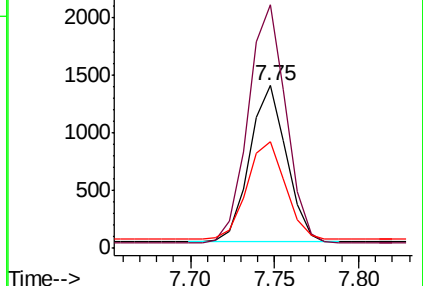
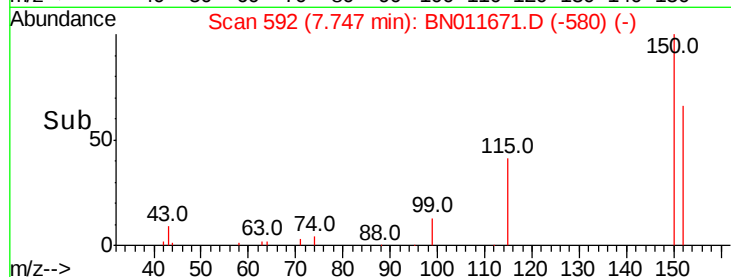
115 65.6 52.6 78.8



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: 0.038 ng

RT: 3.29 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN011671.D

Acq: 27 Aug 2020 19:19

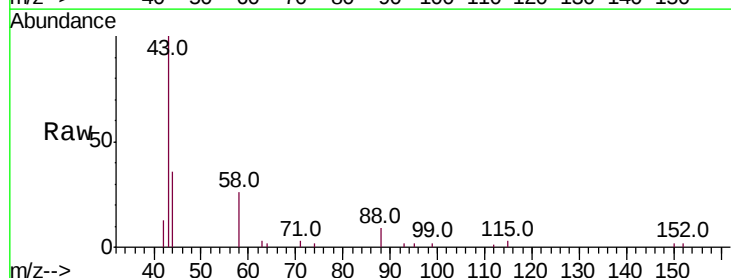
Tgt Ion: 88 Resp: 124

Ion Ratio Lower Upper

88 100

58 252.4 61.4 92.0#

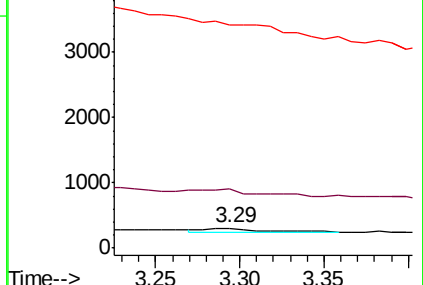
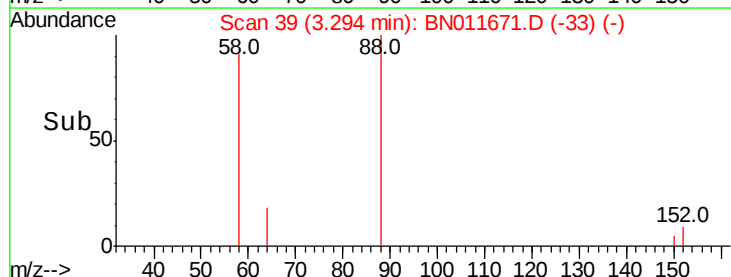
43 0.0 29.8 44.8#

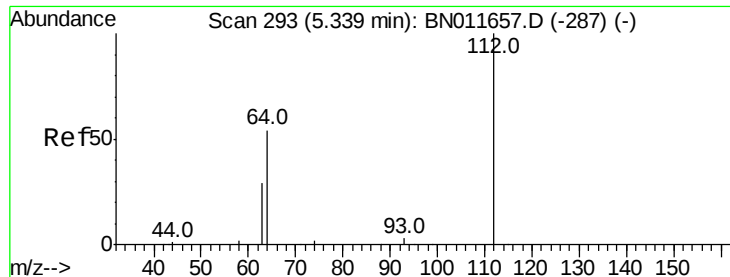


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.097 ng

RT: 5.34 min Scan# 293

Delta R.T. 0.00 min

Lab File: BN011671.D

Acq: 27 Aug 2020 19:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

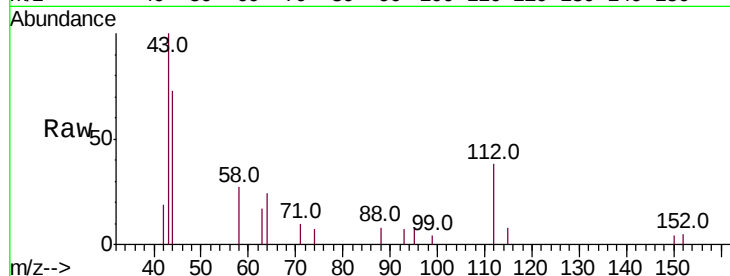
Tot Ion:112 Resp: 563

Ion Ratio Lower Upper

112 100

64 60.7 49.7 74.5

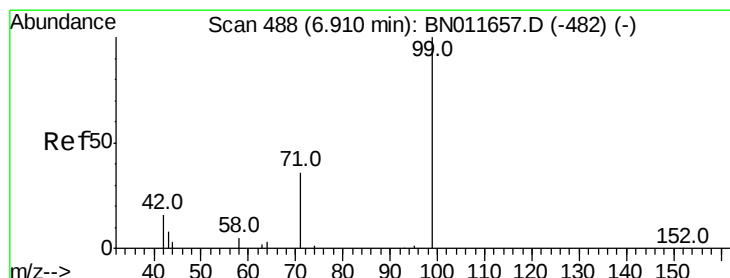
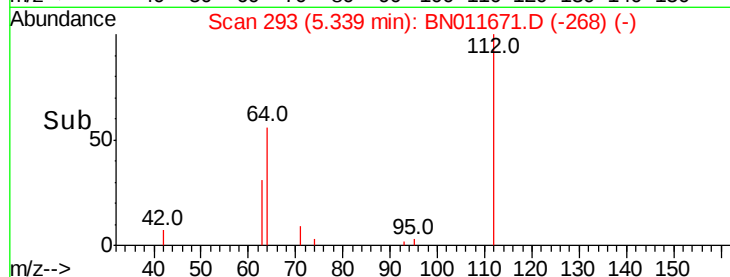
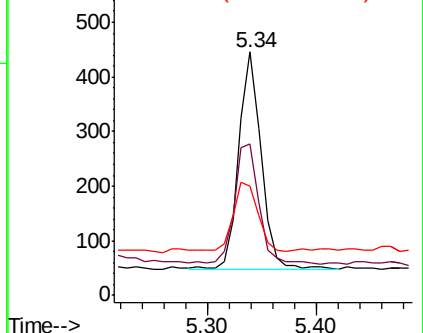
63 36.4 29.4 44.0



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: 0.091 ng

RT: 6.91 min Scan# 488

Delta R.T. 0.00 min

Lab File: BN011671.D

Acq: 27 Aug 2020 19:19

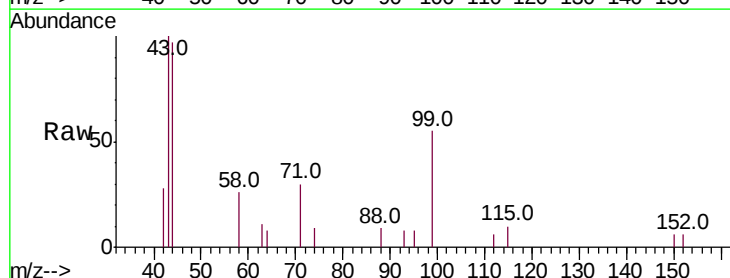
Tgt Ion: 99 Resp: 716

Ion Ratio Lower Upper

99 100

42 33.4 20.2 30.2#

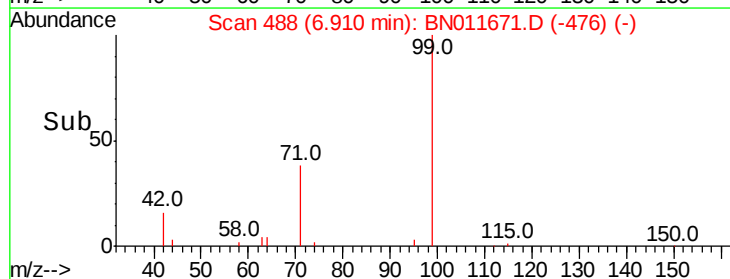
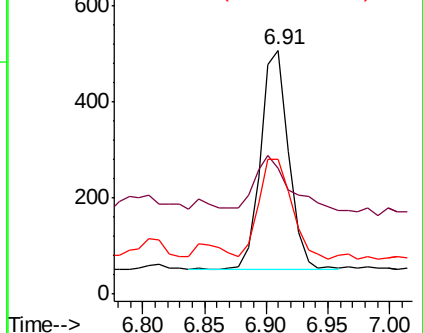
71 53.1 33.3 49.9#

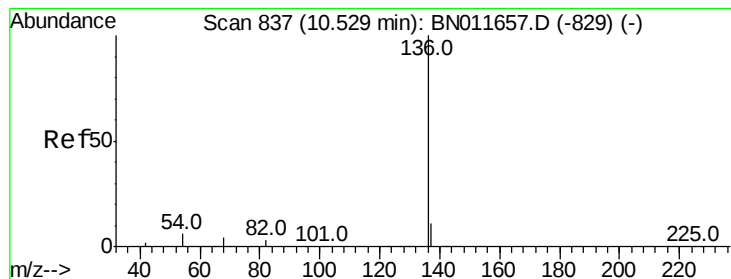


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011671.D

Acq: 27 Aug 2020 19:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

Tot Ion:136 Resp: 7767

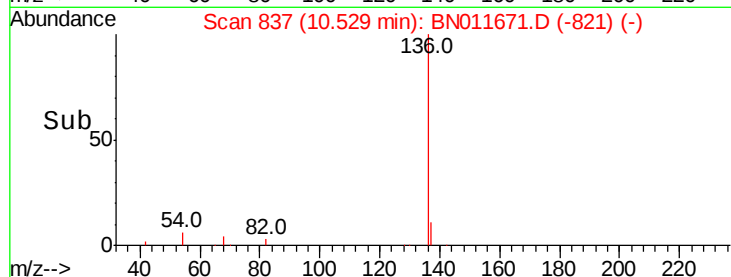
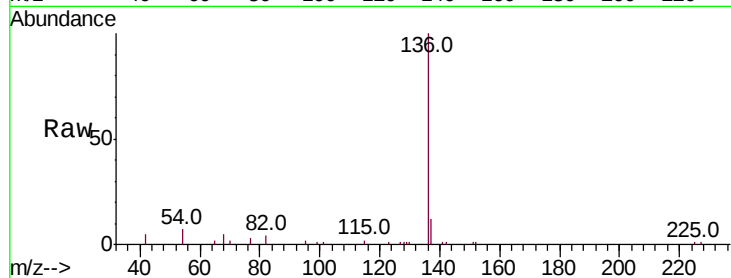
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 7.4 5.8 8.8

68 5.1 4.1 6.1

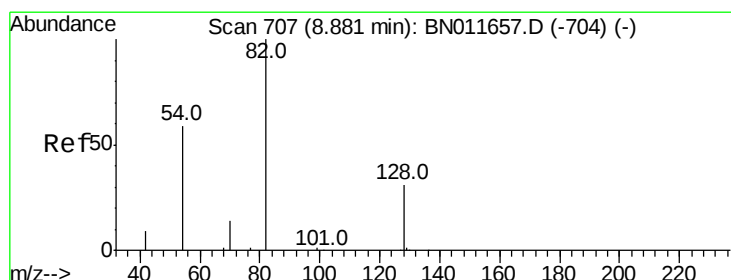
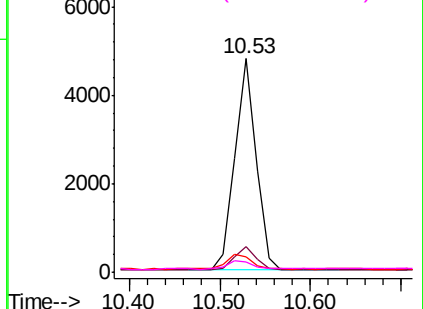


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.176 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011671.D

Acq: 27 Aug 2020 19:19

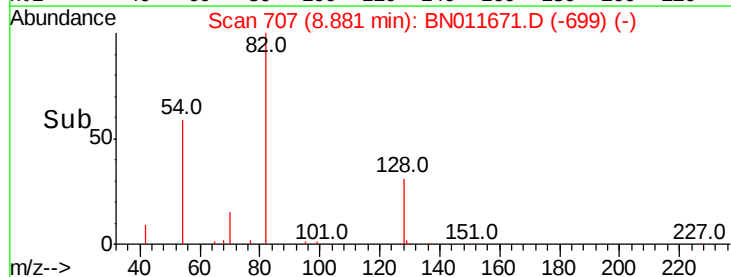
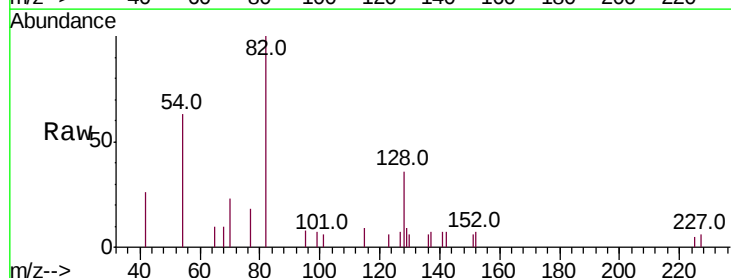
Tgt Ion: 82 Resp: 1327

Ion Ratio Lower Upper

82 100

128 36.1 26.2 39.2

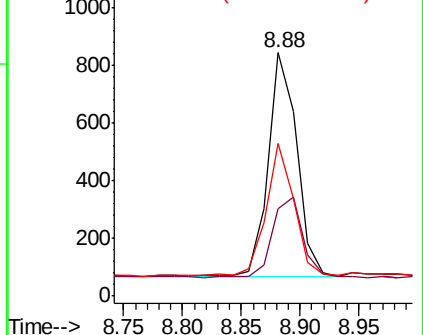
54 62.8 48.2 72.4

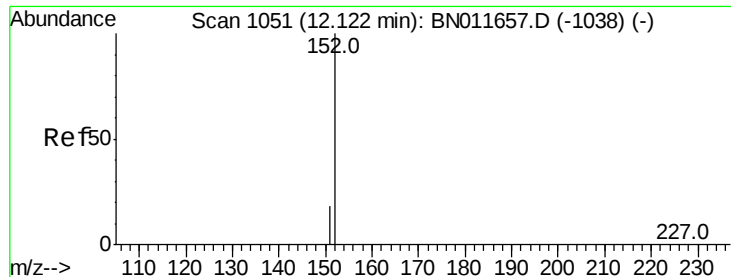


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

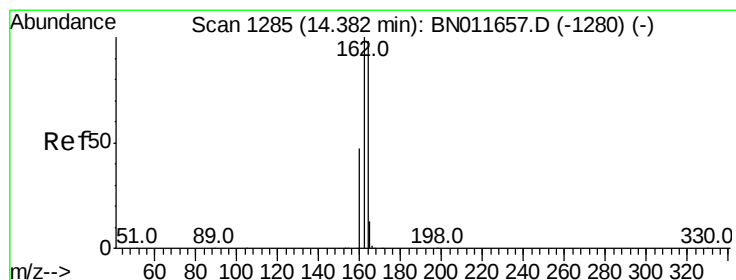
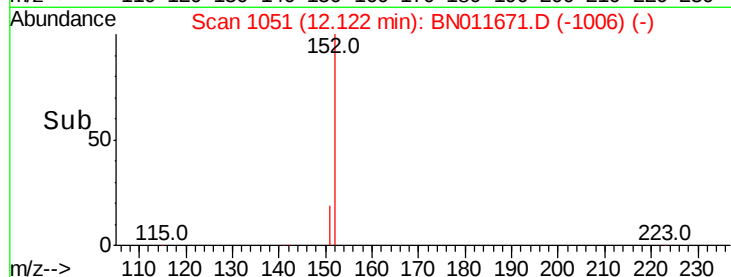
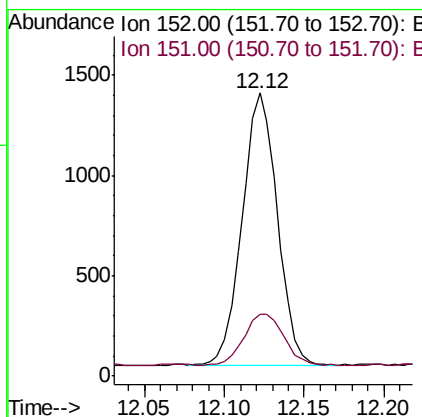
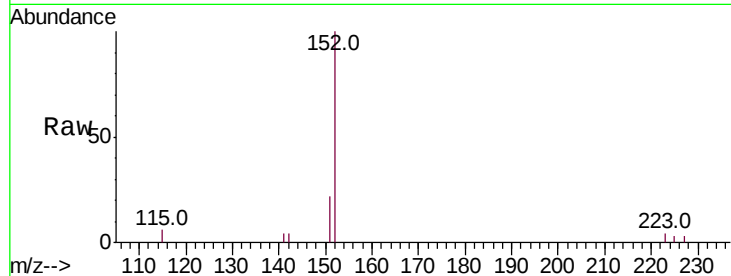




#11
2-Methylnaphthalene-d10
Concen: 0.148 ng
RT: 12.12 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BN011671.D
Acq: 27 Aug 2020 19:19

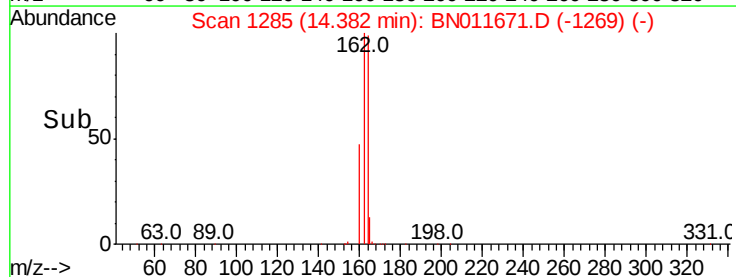
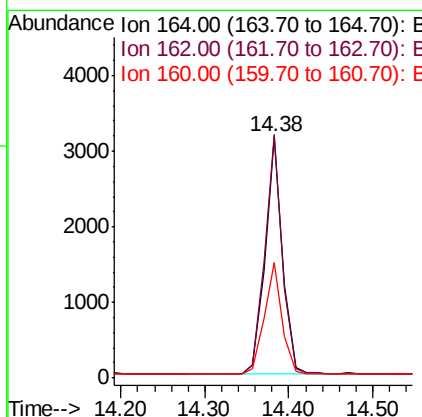
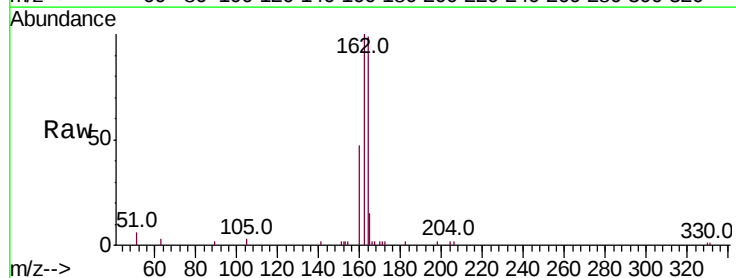
Instrument :
BNA_N
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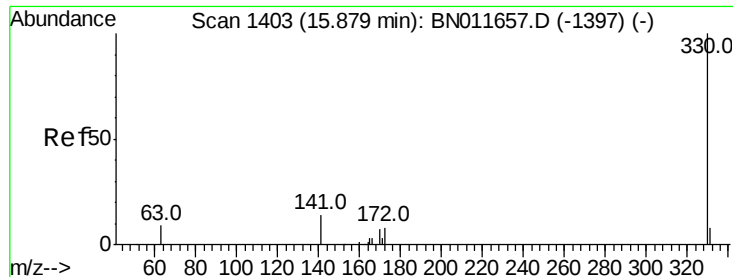
Tot Ion:152 Resp: 2076
Ion Ratio Lower Upper
152 100
151 21.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN011671.D
Acq: 27 Aug 2020 19:19

Tgt Ion:164 Resp: 4511
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 47.7 38.5 57.7

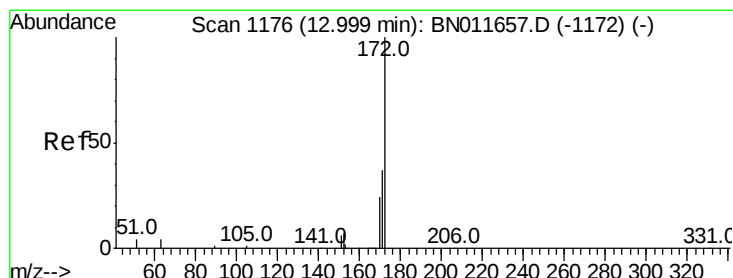
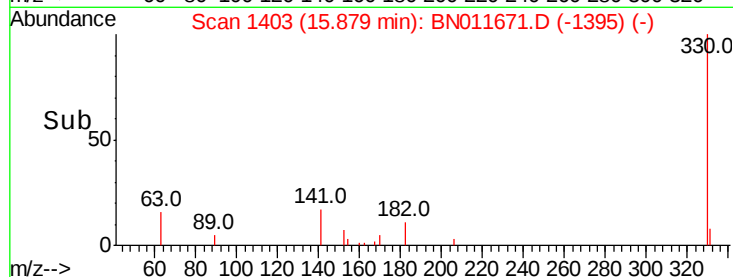
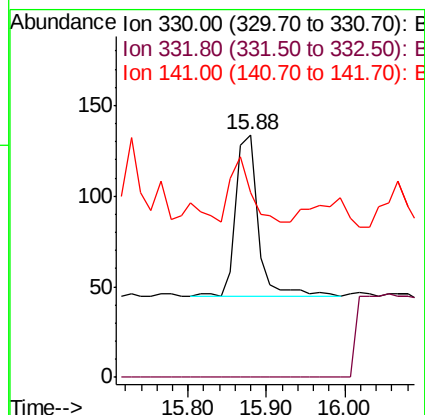
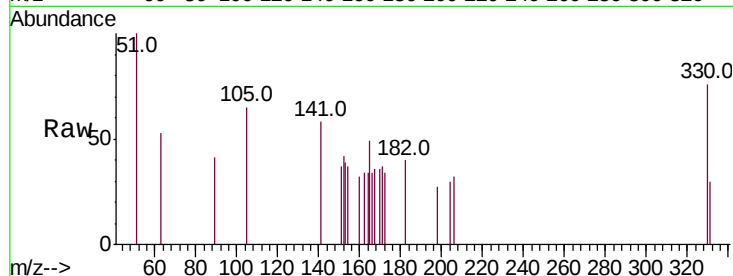




#14
2,4,6-Tribromophenol
Concen: 0.079 ng
RT: 15.88 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN011671.D
Acq: 27 Aug 2020 19:19

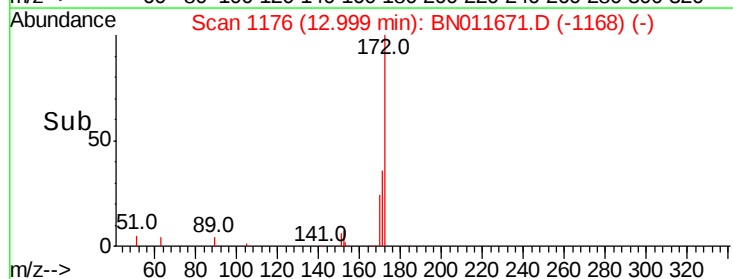
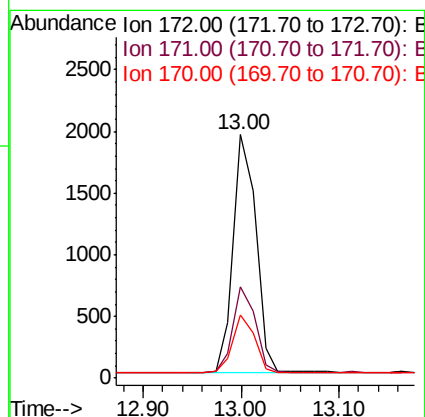
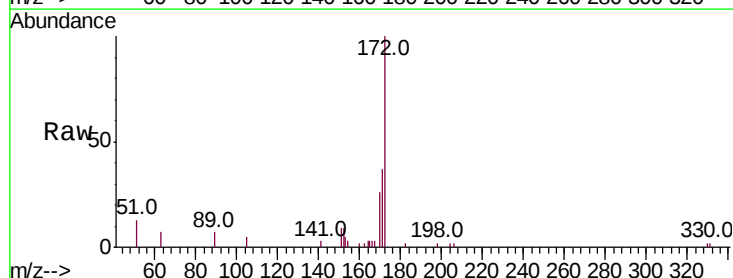
Instrument :
BNA_N
ClientSampleId :
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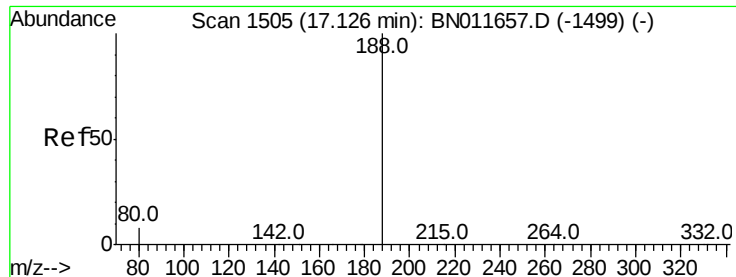
Tot Ion:330 Resp: 173
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.6 30.0 45.0



#15
2-Fluorobiphenyl
Concen: 0.162 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011671.D
Acq: 27 Aug 2020 19:19

Tgt Ion:172 Resp: 3083
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 26.1 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: BN011671.D

Acq: 27 Aug 2020 19:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

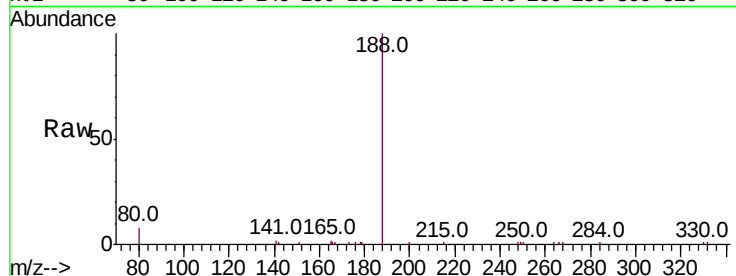
Tot Ion:188 Resp: 9742

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

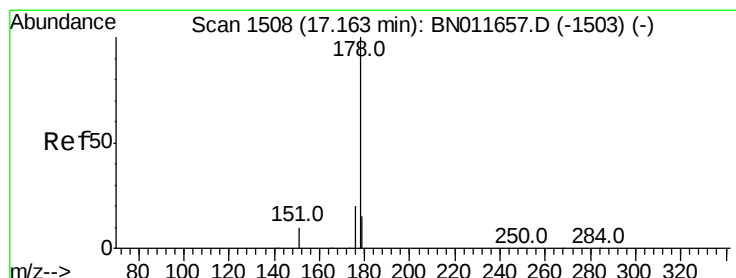
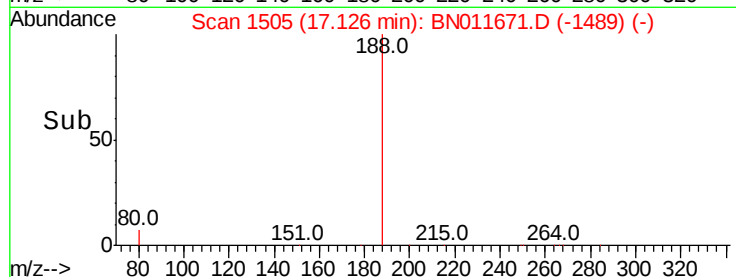
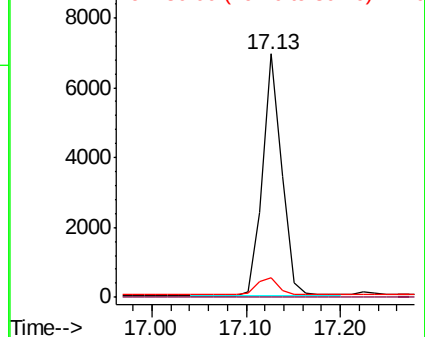
80 8.1 6.6 9.8



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: 17.16 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN011671.D

Acq: 27 Aug 2020 19:19

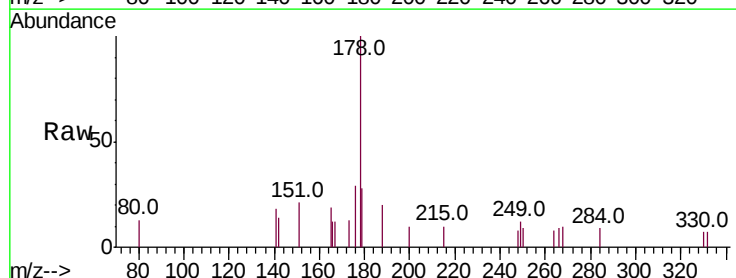
Tgt Ion:178 Resp: 1040

Ion Ratio Lower Upper

178 100

176 20.5 15.2 22.8

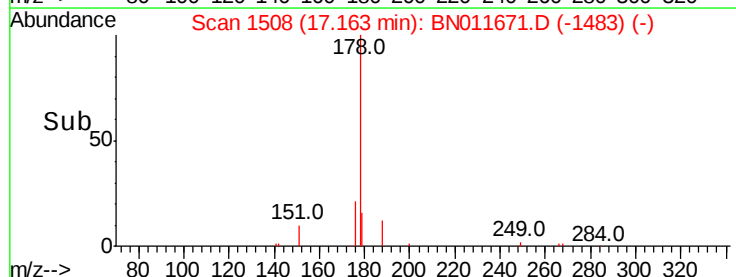
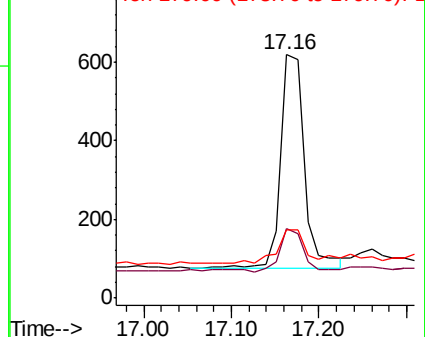
179 17.5 12.4 18.6

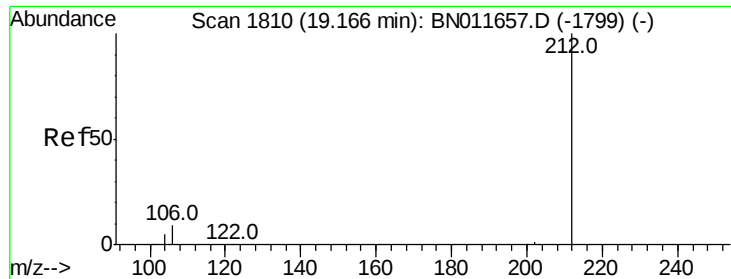


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.141 ng

RT: 19.16 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BN011671.D

Acq: 27 Aug 2020 19:19

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BP-VPB181-GW-588-590

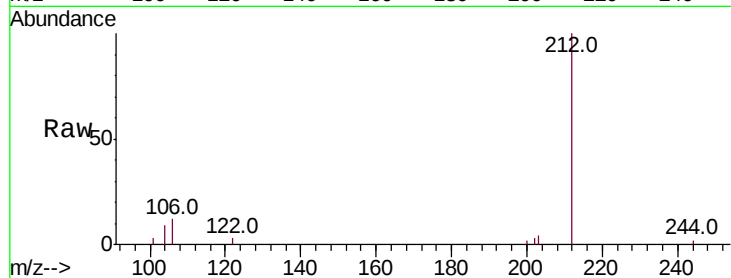
Tot Ion:212 Resp: 4408

Ion Ratio Lower Upper

212 100

106 9.8 7.6 11.4

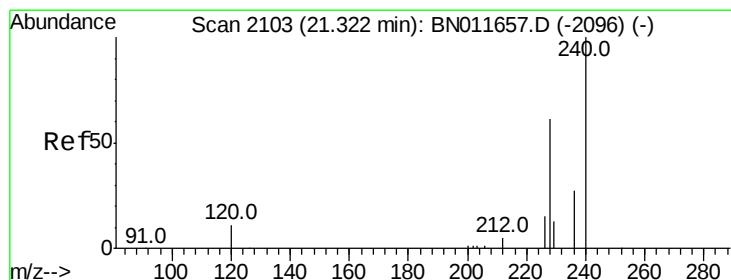
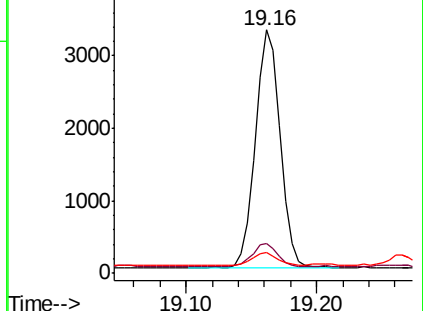
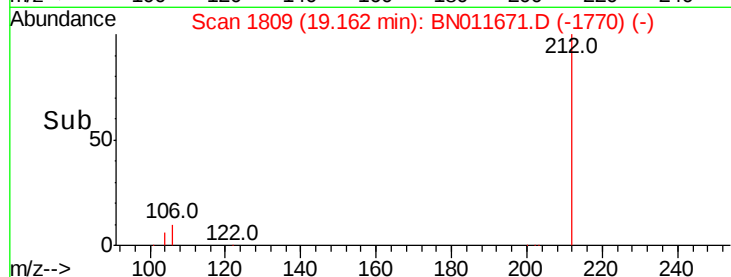
104 5.8 4.6 6.8



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. 0.00 min

Lab File: BN011671.D

Acq: 27 Aug 2020 19:19

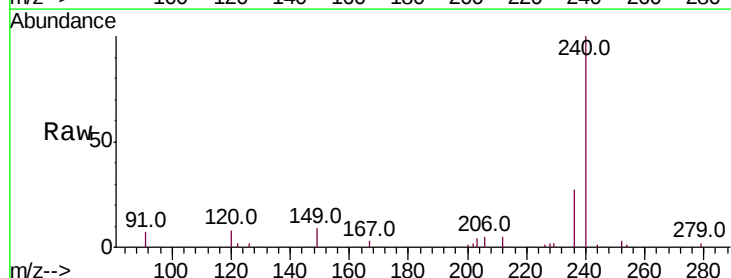
Tgt Ion:240 Resp: 10685

Ion Ratio Lower Upper

240 100

120 7.7 9.9 14.9#

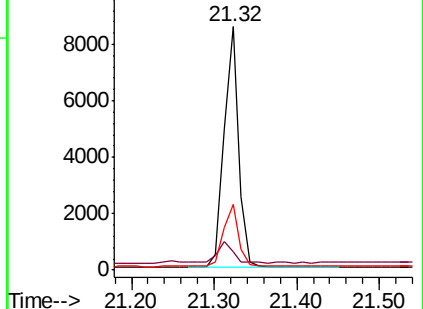
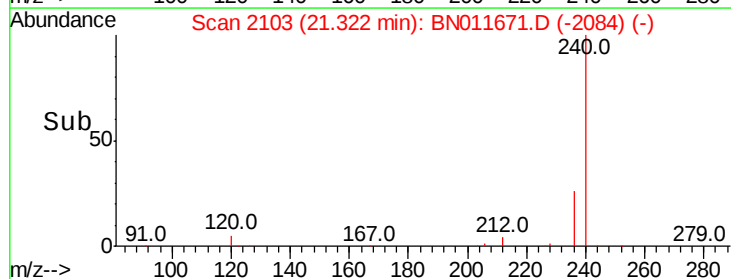
236 27.0 22.2 33.4

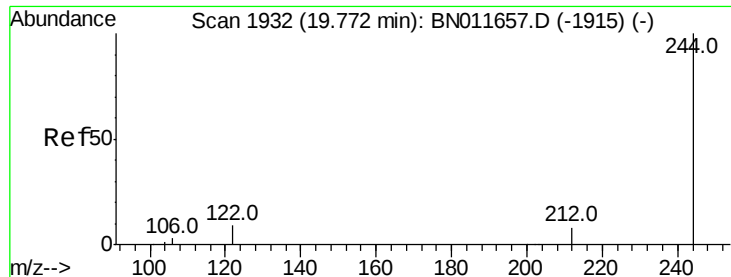


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.148 ng

RT: 19.77 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BN011671.D

Acq: 27 Aug 2020 19:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

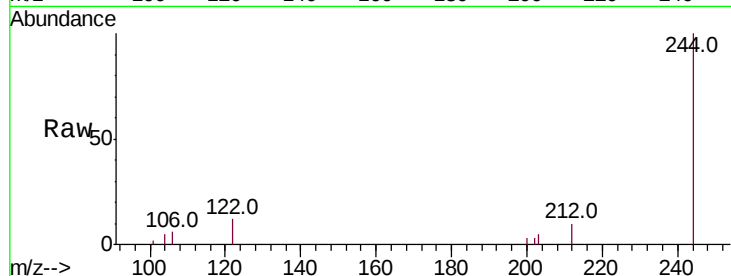
Tot Ion:244 Resp: 3925

Ion Ratio Lower Upper

244 100

212 10.1 6.5 9.7#

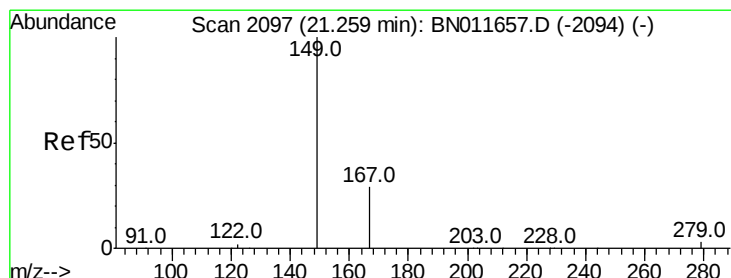
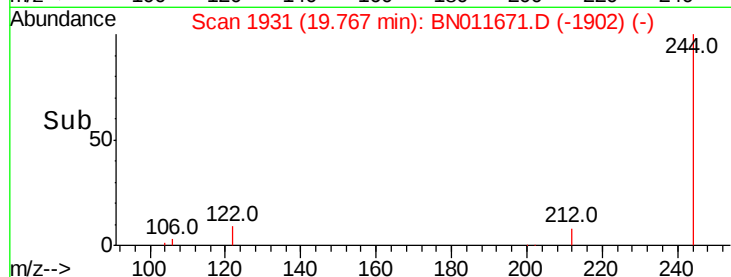
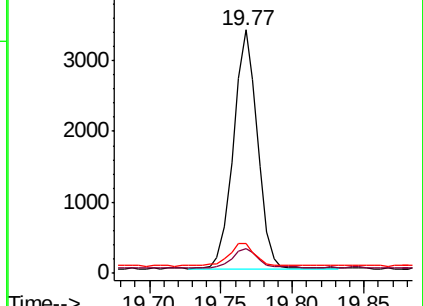
122 12.1 7.4 11.2#



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: 6.535 ng

RT: 21.25 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BN011671.D

Acq: 27 Aug 2020 19:19

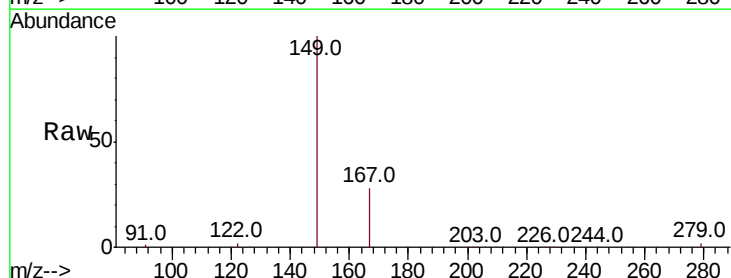
Tgt Ion:149 Resp: 101420

Ion Ratio Lower Upper

149 100

167 28.7 23.2 34.8

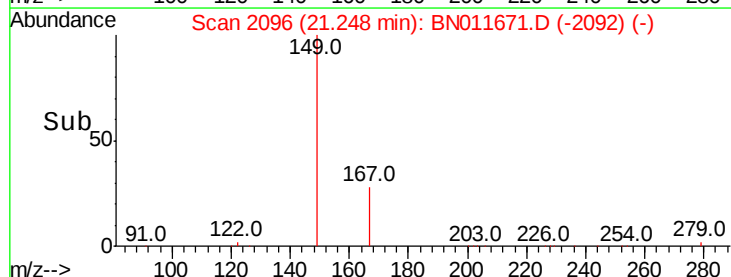
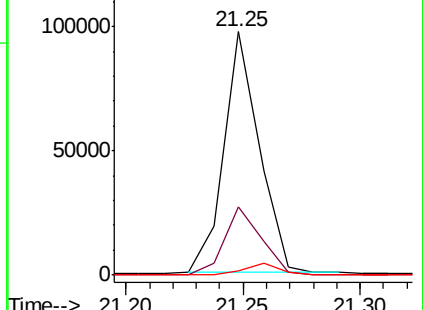
279 4.6 4.0 6.0

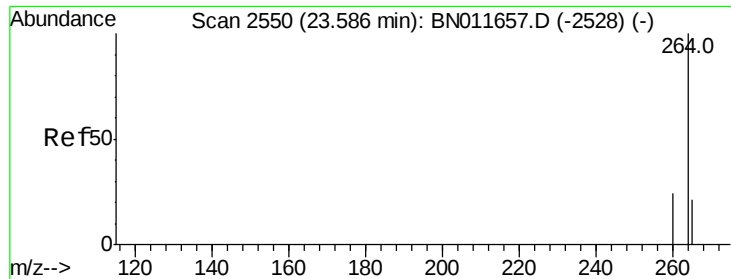


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#36
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BN011671.D
 Acq: 27 Aug 2020 19:19

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

Tot Ion: 264 Resp: 12439
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 56.5 38.9 58.3

