

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 00:51:11 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

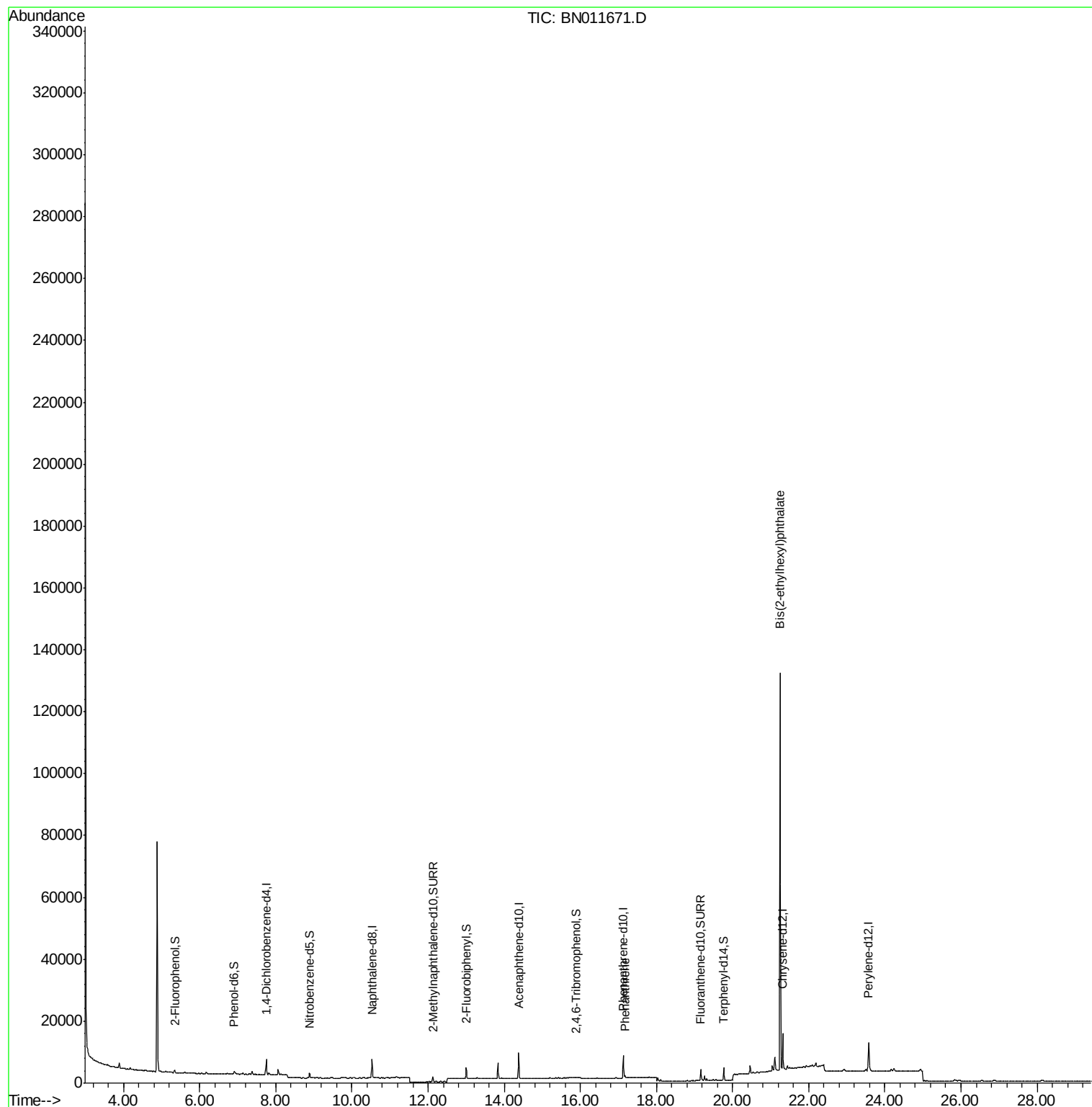
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2051	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	7767	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4511	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	9742	0.40	ng	0.00
29) Chrysene-d12	21.32	240	10685	0.40	ng	0.00
36) Perylene-d12	23.58	264	12439	0.40	ng	-0.01
System Monitoring Compounds						
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						Qvalue
25) Phenanthrene	17.16	178	1040	0.033	ng	96
34) Bis(2-ethylhexyl)phthalate	21.25	149	101420	6.535	ng	99

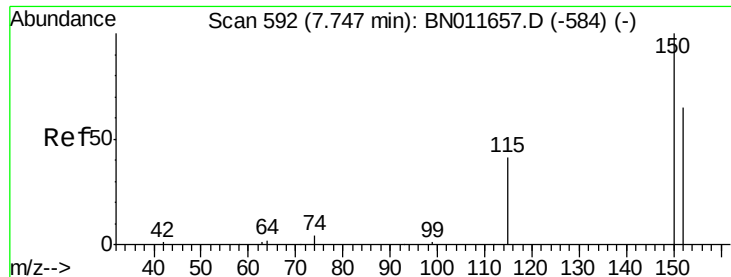
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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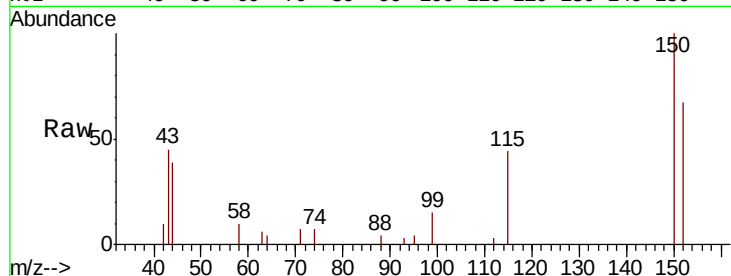


#1

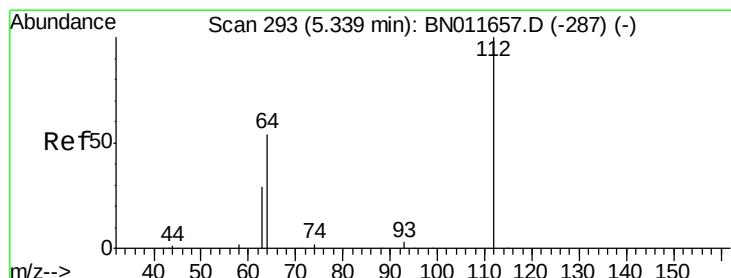
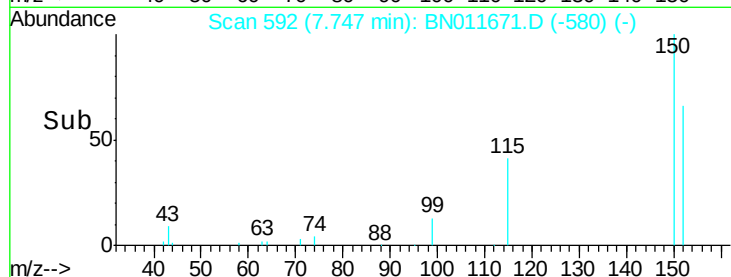
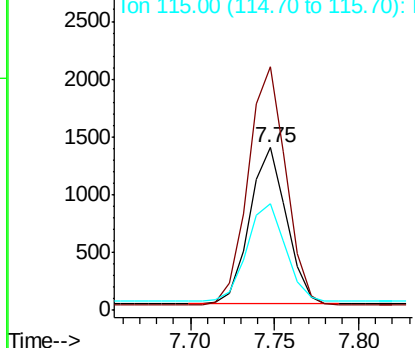
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN011671.D
Acq: 27 Aug 2020 19:19

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



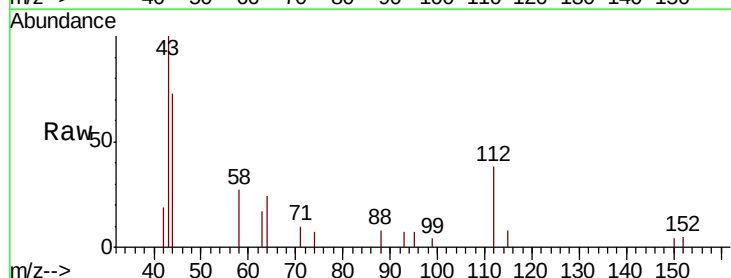
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



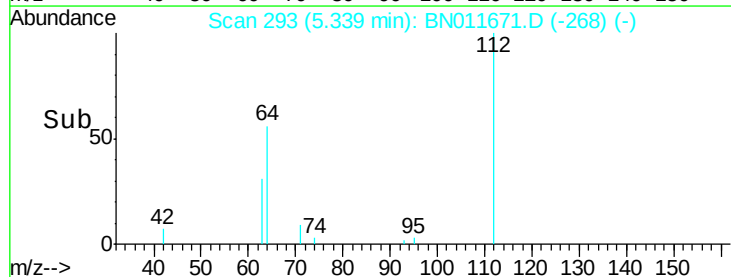
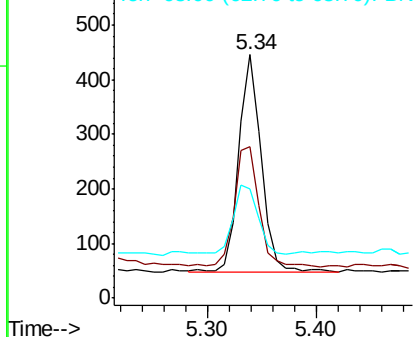
#4

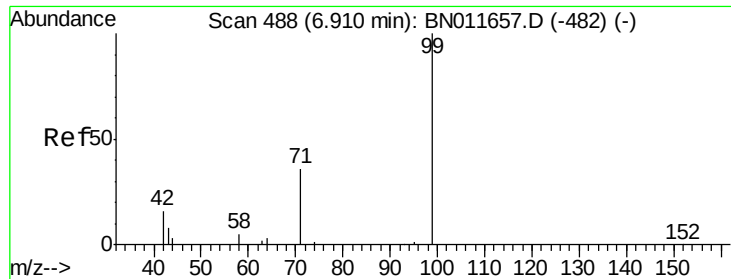
2-Fluorophenol
Concen: 0.097 ng
RT: 5.34 min Scan# 293
Delta R.T. 0.00 min
Lab File: BN011671.D
Acq: 27 Aug 2020 19:19

Tgt 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): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#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

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

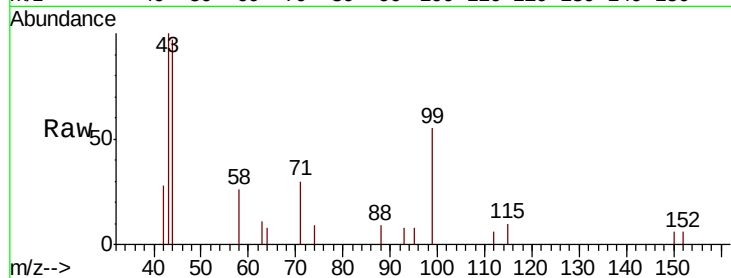
Tot Ion: 99 Resp: 716

Ion Ratio Lower Upper

99 100

42 33.4 20.2 30.2#

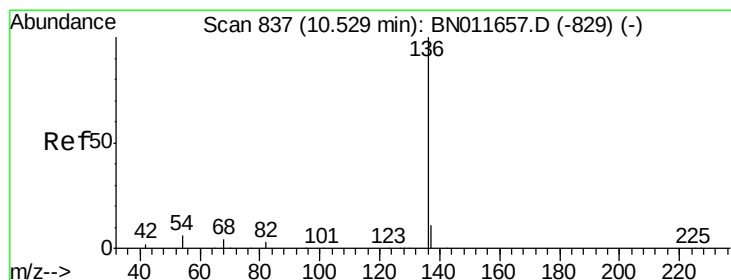
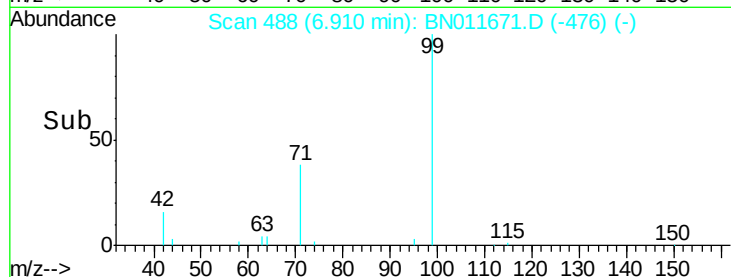
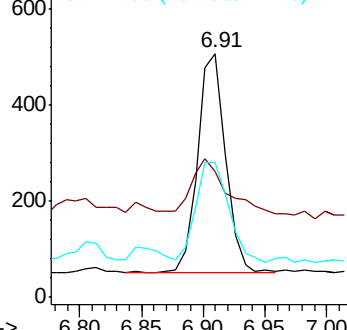
71 53.1 33.3 49.9#



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#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

Tgt Ion: 136 Resp: 7767

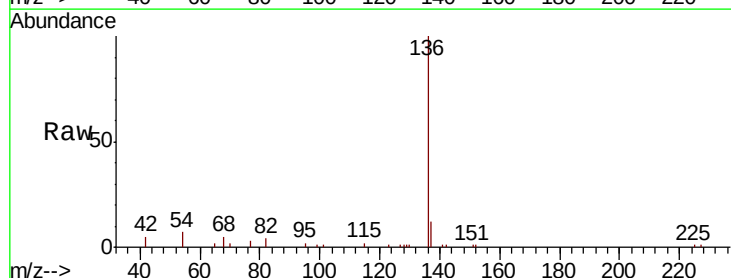
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 7.4 5.8 8.8

68 5.1 4.1 6.1

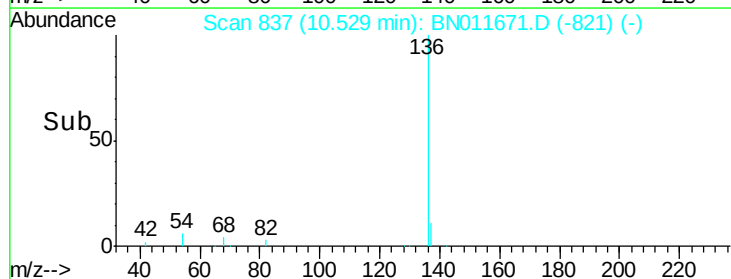
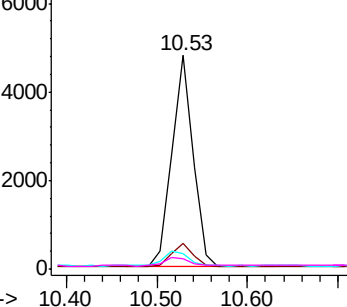


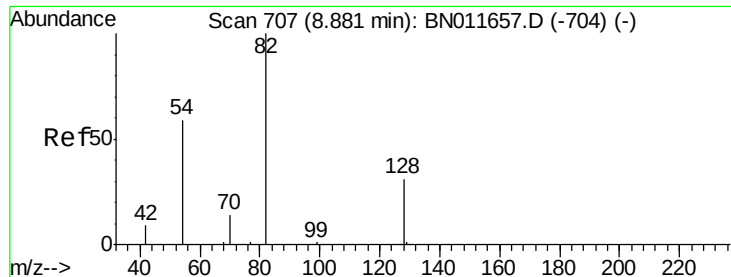
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

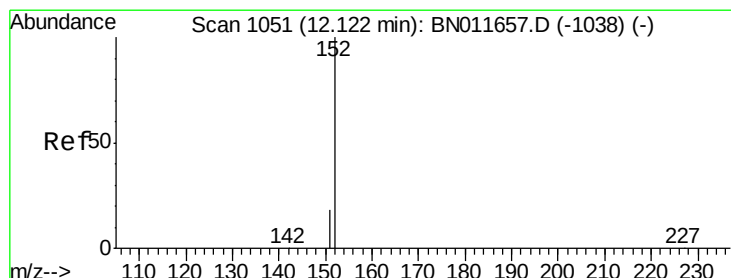
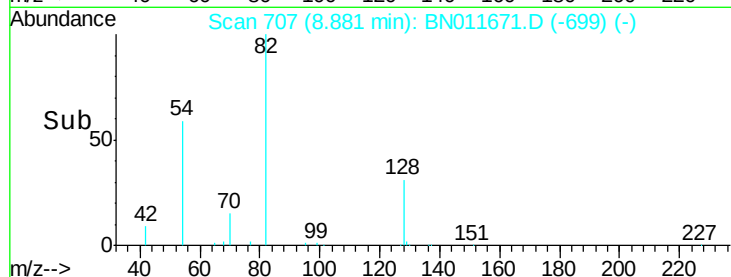
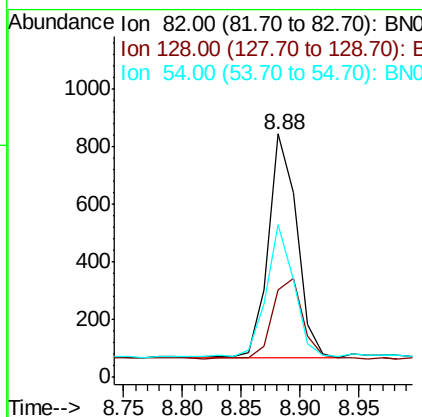
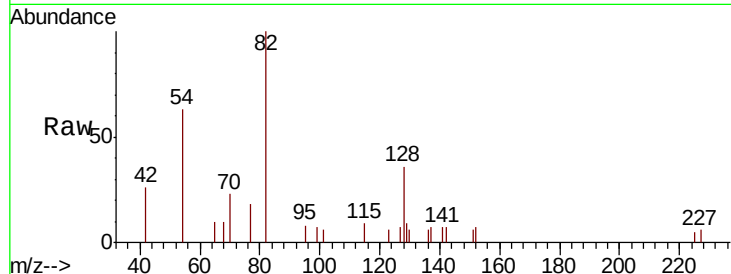




#8
 Nitrobenzene-d5
 Concen: 0.176 ng
 RT: 8.88 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BN011671.D
 Acq: 27 Aug 2020 19:19

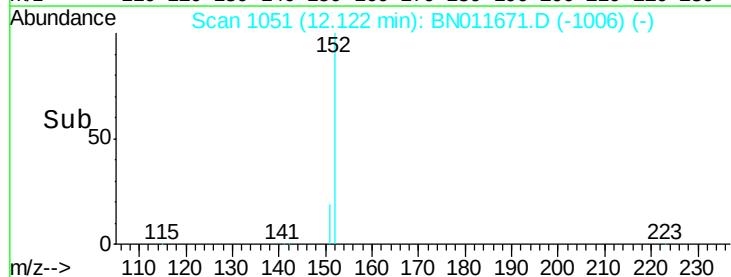
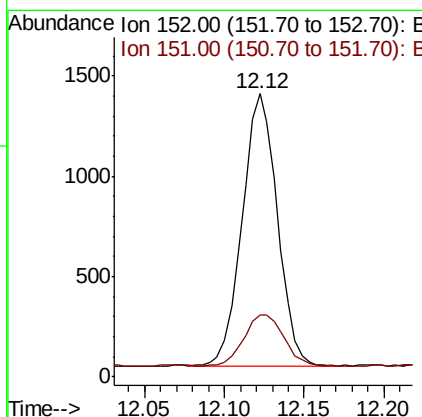
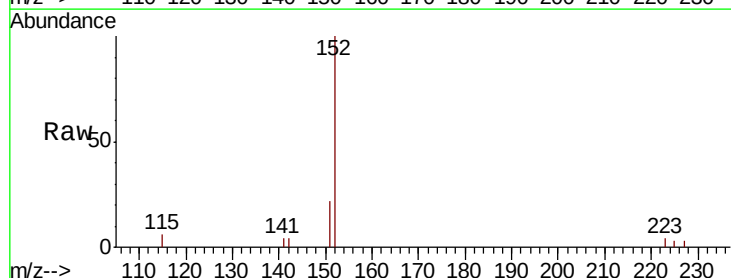
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-588-590

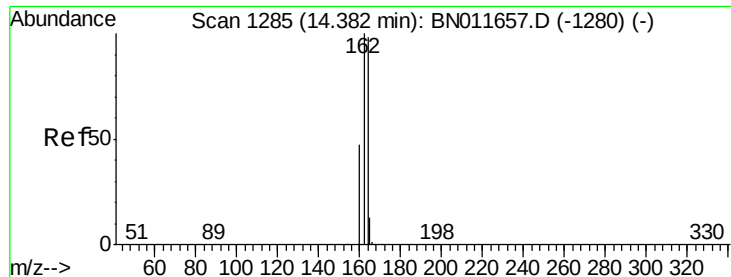
Tot Ion	82.00	Resp	1327
Ion Ratio	Lower	Upper	
82	100		
128	36.1	26.2	39.2
54	62.8	48.2	72.4



#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

Tgt Ion	152.00	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

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

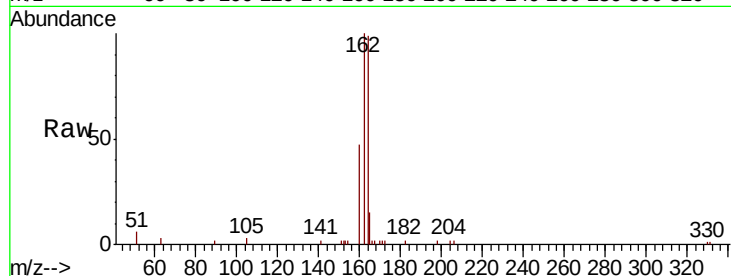
Tot Ion:164 Resp: 4511

Ion Ratio Lower Upper

164 100

162 100.9 81.4 122.0

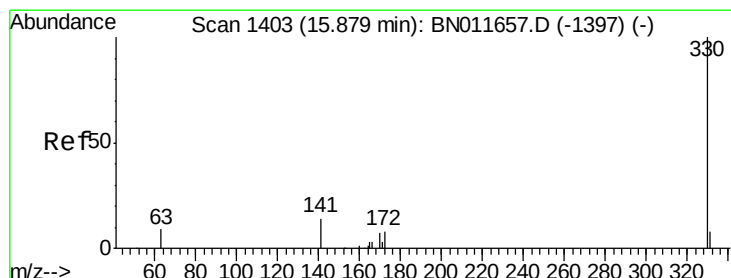
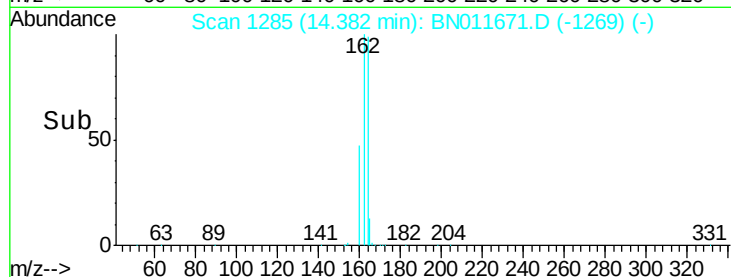
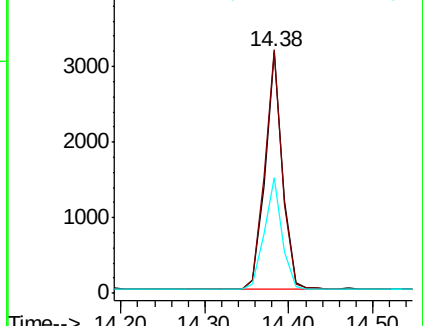
160 47.7 38.5 57.7



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: 0.079 ng

RT: 15.88 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN011671.D

Acq: 27 Aug 2020 19:19

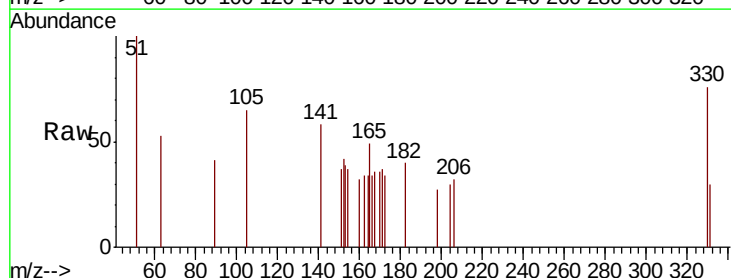
Tgt Ion:330 Resp: 173

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

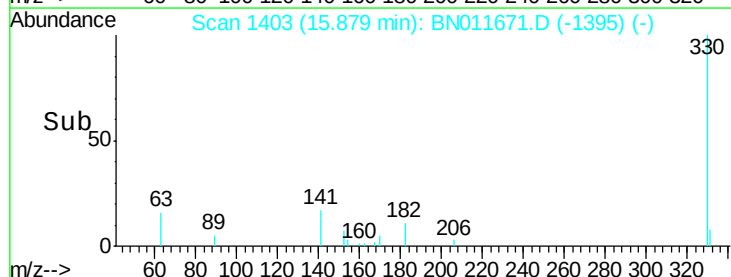
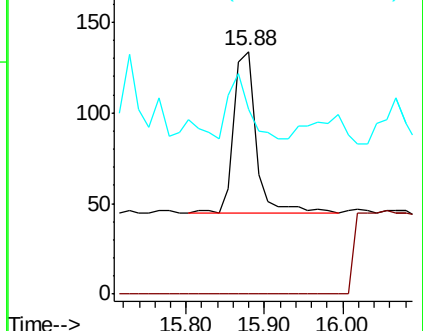
141 37.6 30.0 45.0

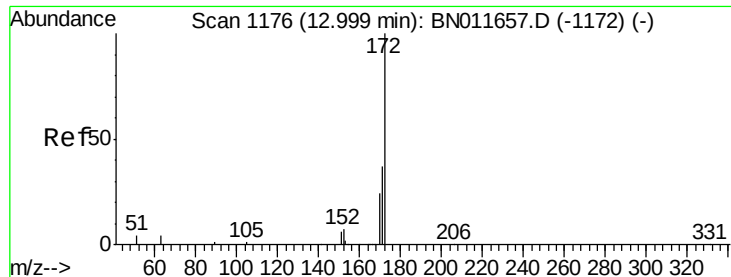


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

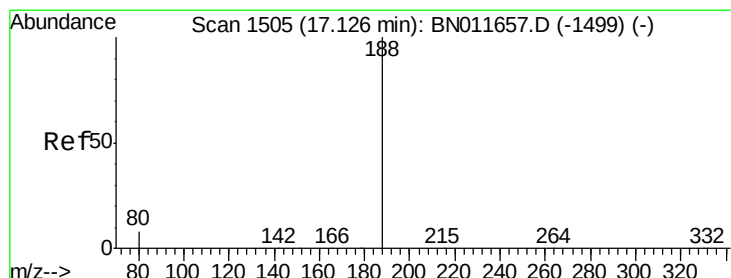
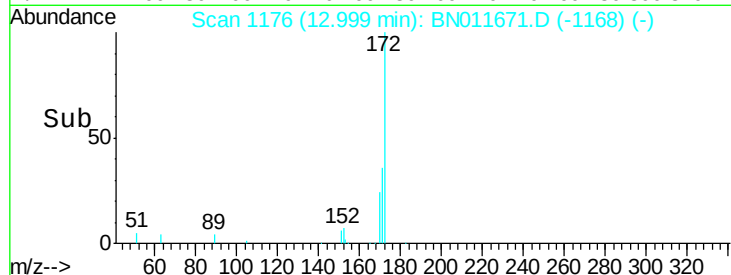
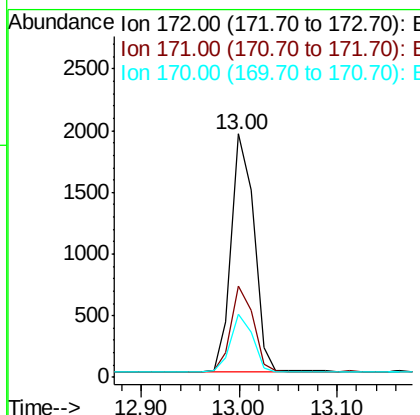
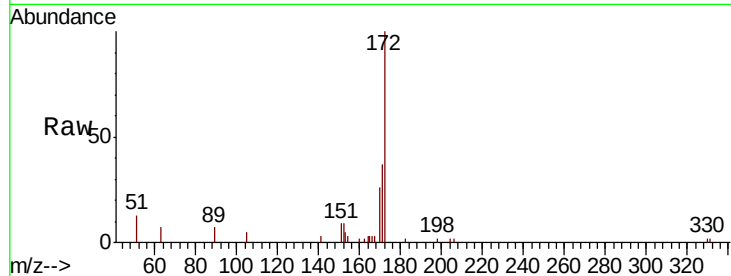




#15
2-Fluorobiphenyl
Concen: 0.162 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011671.D
Acq: 27 Aug 2020 19:19

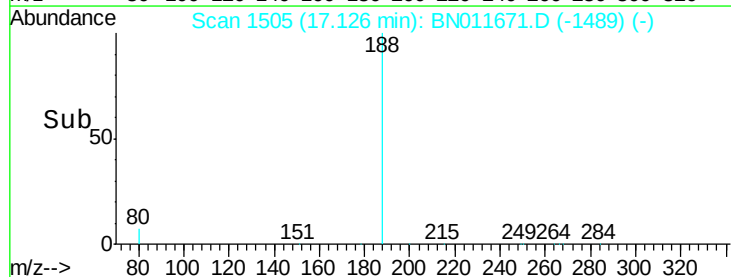
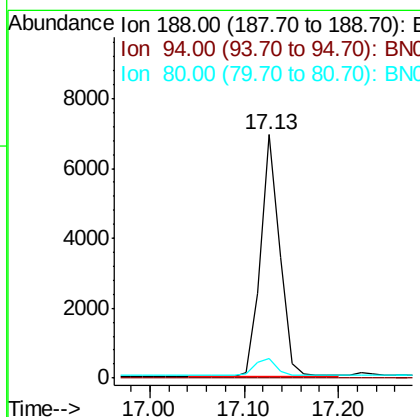
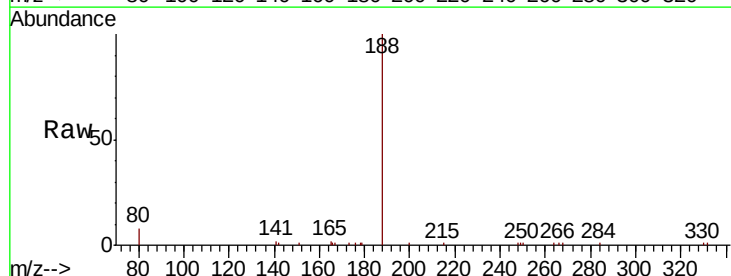
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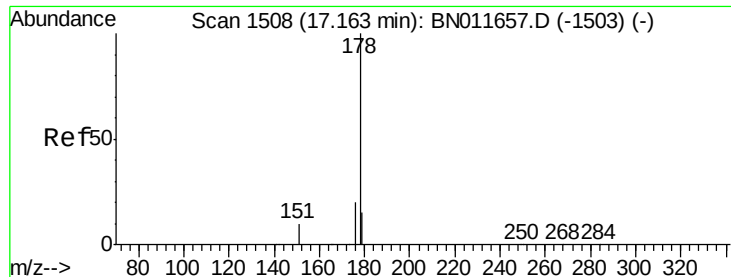
Tot Ion:172 Resp: 3083
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 26.1 20.1 30.1



#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

Tgt Ion:188 Resp: 9742
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 6.6 9.8





#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

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

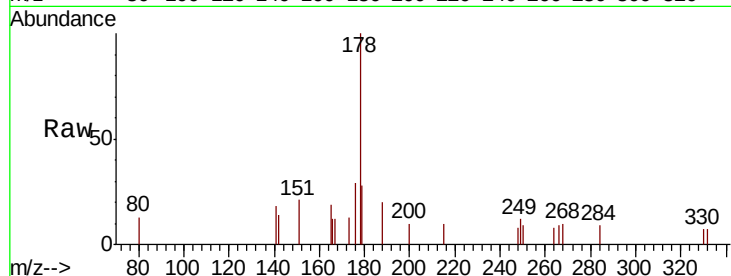
Tot Ion:178 Resp: 1040

Ion Ratio Lower Upper

178 100

176 20.5 15.2 22.8

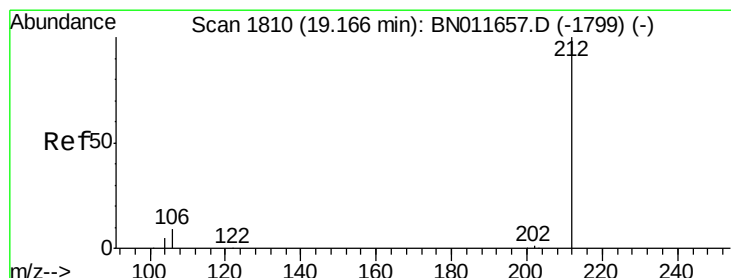
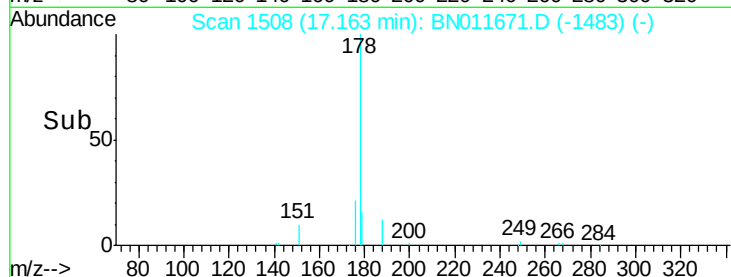
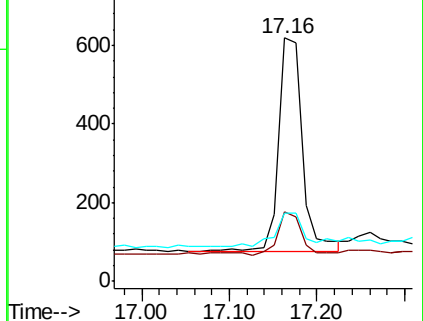
179 17.5 12.4 18.6



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

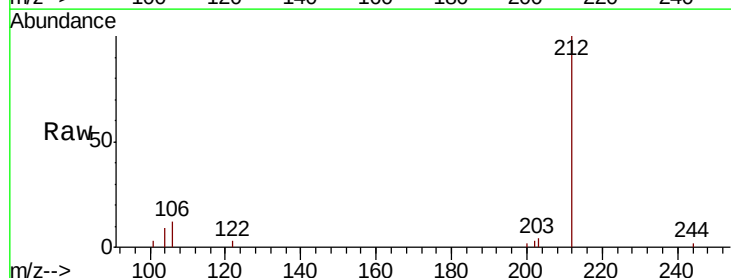
Tgt Ion:212 Resp: 4408

Ion Ratio Lower Upper

212 100

106 9.8 7.6 11.4

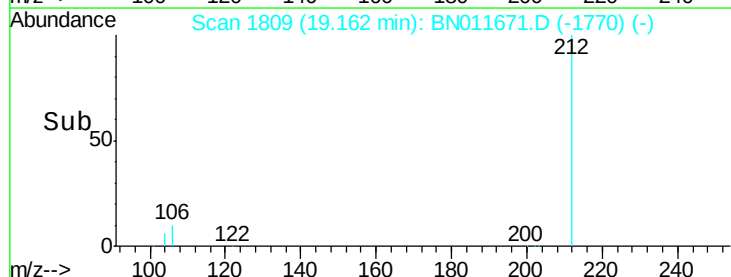
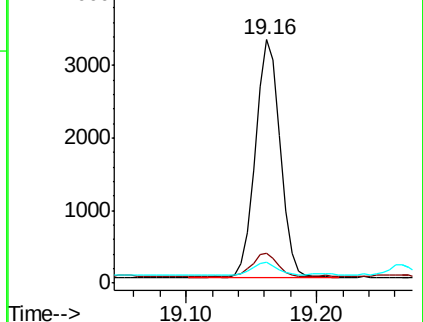
104 5.8 4.6 6.8

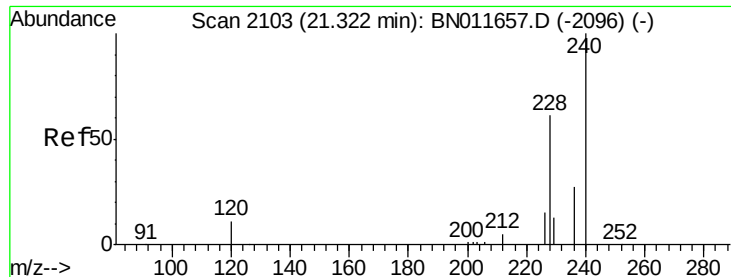


Abundance Ion 212.00 (211.70 to 212.70): E

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

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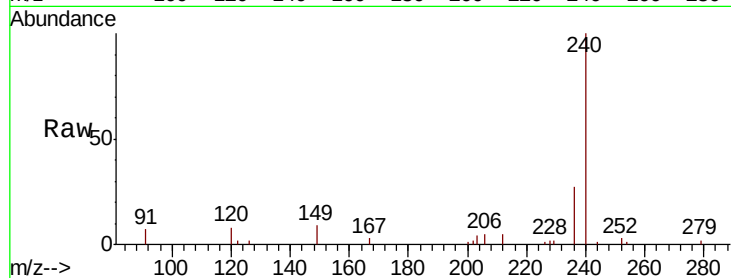
Tot Ion:240 Resp: 10685

Ion Ratio Lower Upper

240 100

120 7.7 9.9 14.9#

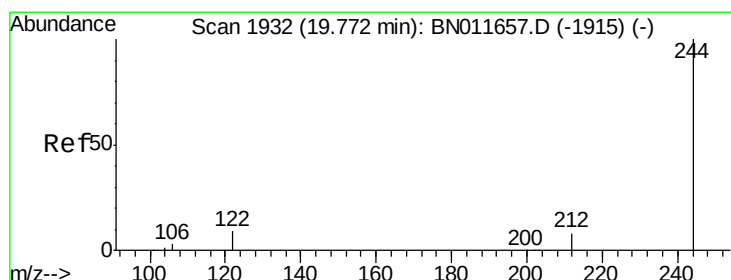
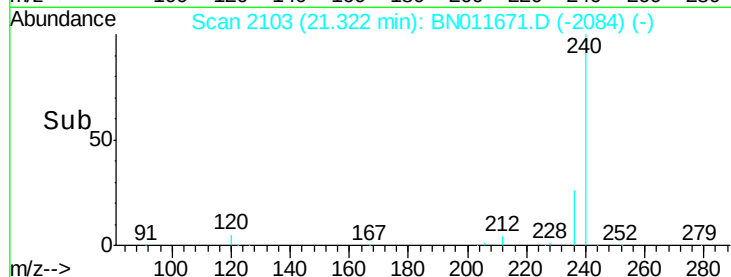
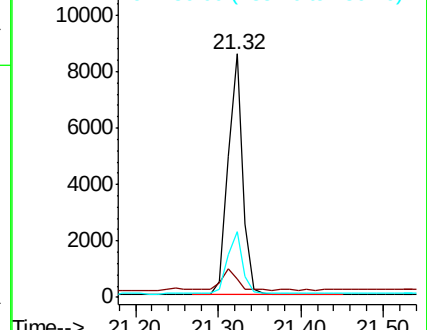
236 27.0 22.2 33.4



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

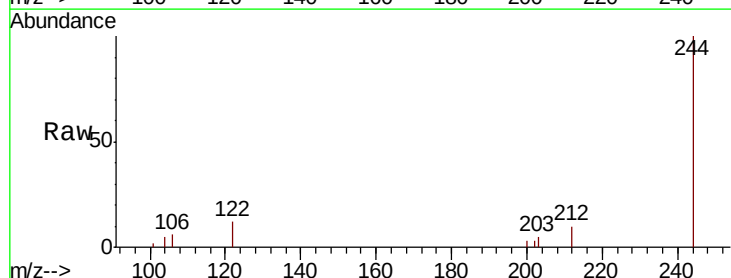
Tgt Ion:244 Resp: 3925

Ion Ratio Lower Upper

244 100

212 10.1 6.5 9.7#

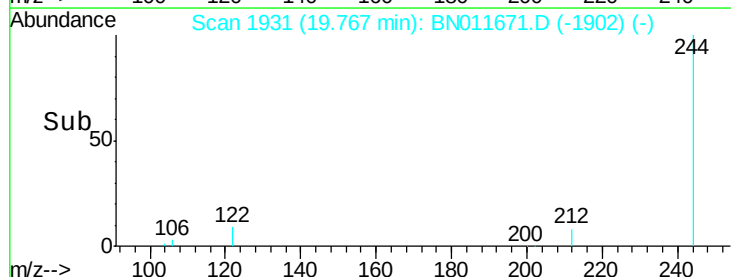
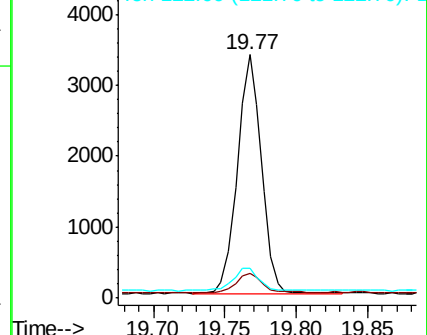
122 12.1 7.4 11.2#

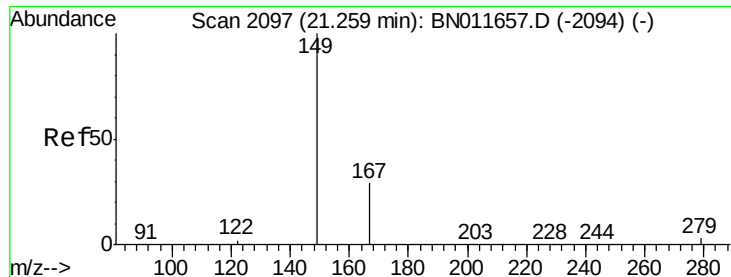


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-588-590

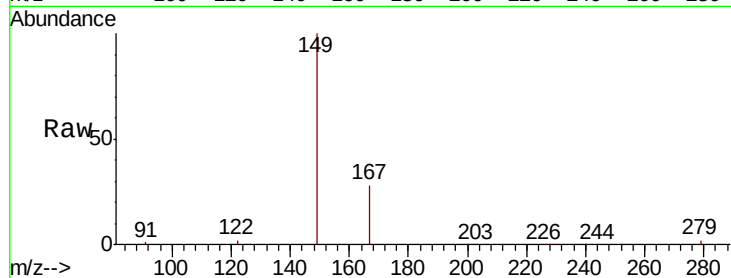
Tot Ion:149 Resp: 101420

Ion Ratio Lower Upper

149 100

167 28.7 23.2 34.8

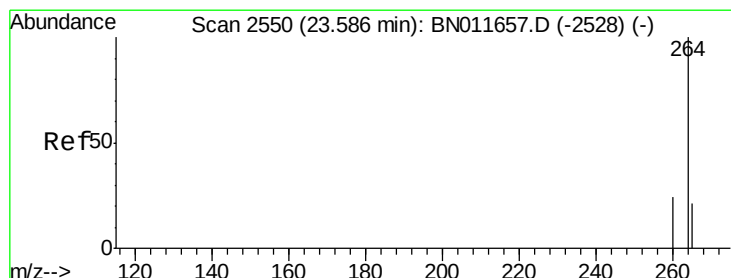
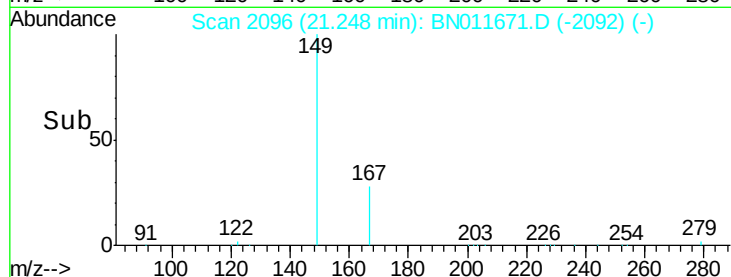
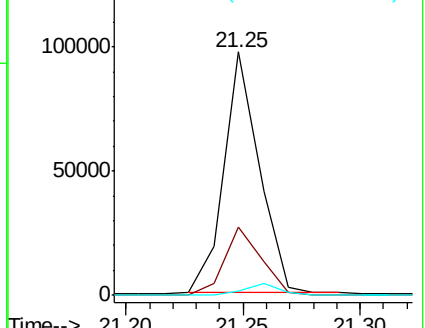
279 4.6 4.0 6.0



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

Perylene-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

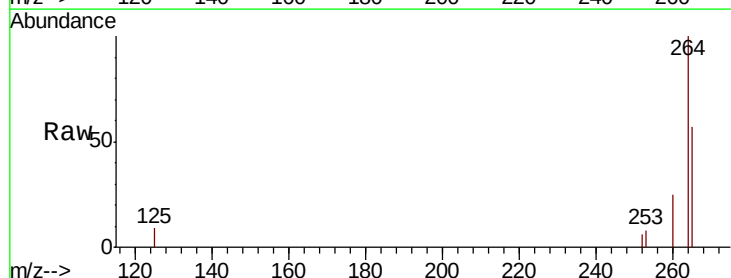
Tgt Ion:264 Resp: 12439

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 56.5 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

