

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
 Data File : BN011693.D
 Acq On : 03 Sep 2020 11:59
 Operator : CG/JU
 Sample : L3846-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-738-740

Quant Time: Sep 03 12:36:44 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 Sep 03 12:33:00 2020
 Response via : Initial Calibration

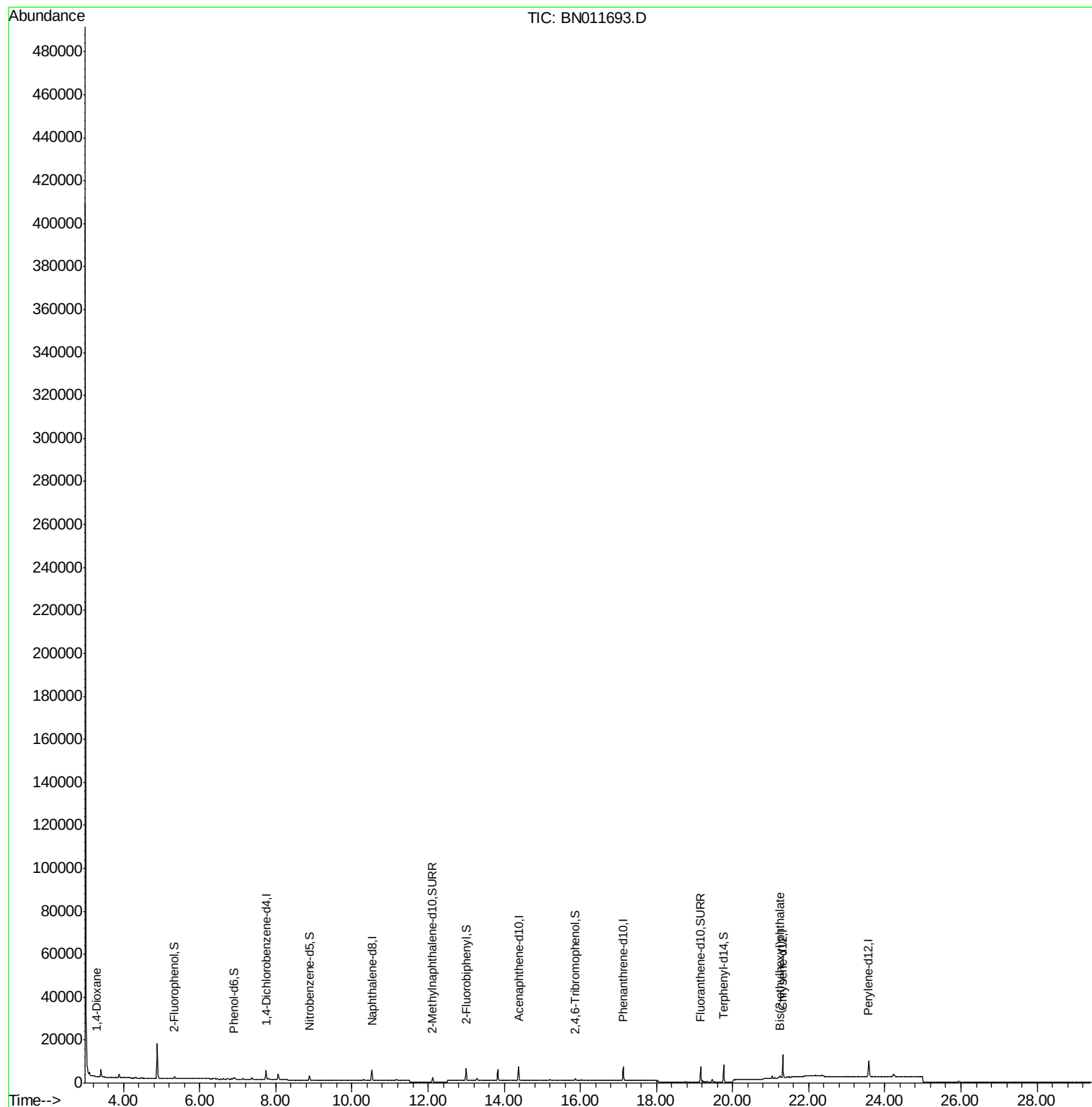
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1851	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	6852	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4011	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	9129	0.40	ng	0.00
29) Chrysene-d12	21.32	240	10306	0.40	ng	0.00
36) Perylene-d12	23.58	264	9956	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	647	0.12	ng	0.00
5) Phenol-d6	6.90	99	520	0.07	ng	0.00
8) Nitrobenzene-d5	8.88	82	1662	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	2809	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	492	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	4515	0.27	ng	0.00
27) Fluoranthene-d10	19.16	212	8106	0.28	ng	0.00
31) Terphenyl-d14	19.76	244	7909	0.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	104	0.035	ng	# 75
34) Bis(2-ethylhexyl)phthalate	21.25	149	908	0.061	ng	# 99

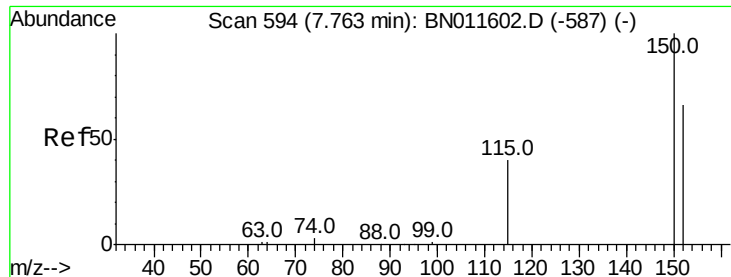
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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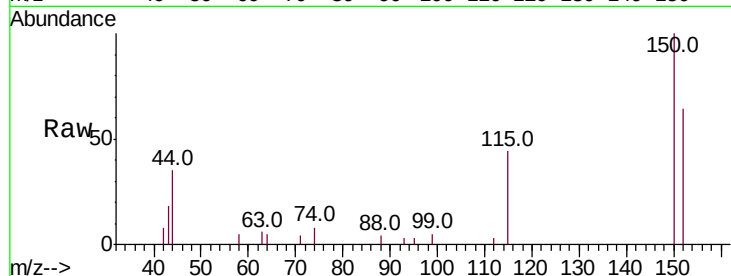


#1

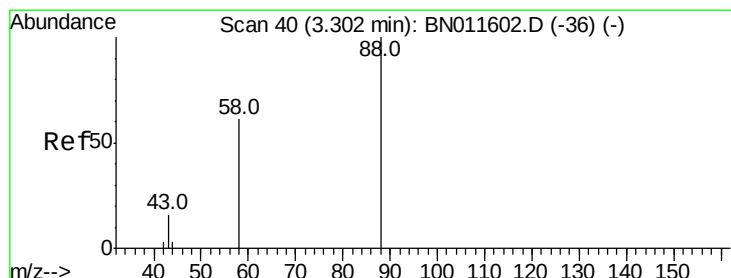
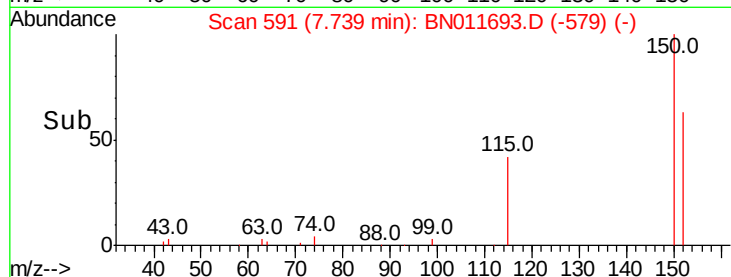
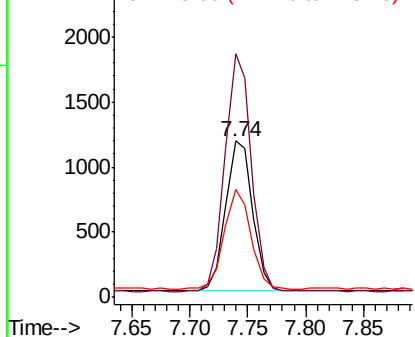
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 591
Delta R.T. 0.00 min
Lab File: BN011693.D
Acq: 03 Sep 2020 11:59

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-738-740

Tot Ion:152 Resp: 1851
Ion Ratio Lower Upper
152 100
150 156.0 121.0 181.6
115 69.4 52.6 78.8



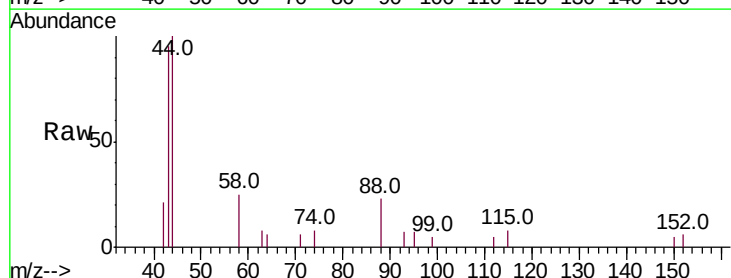
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



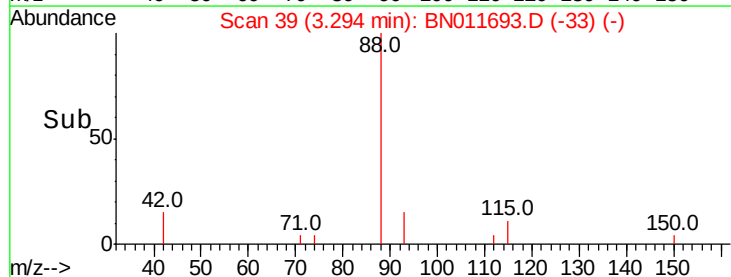
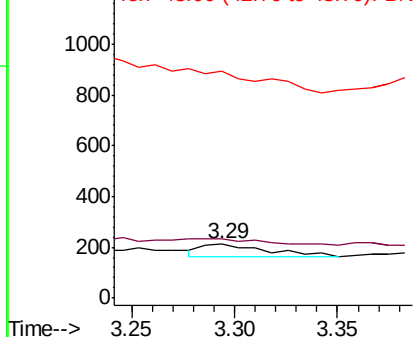
#2

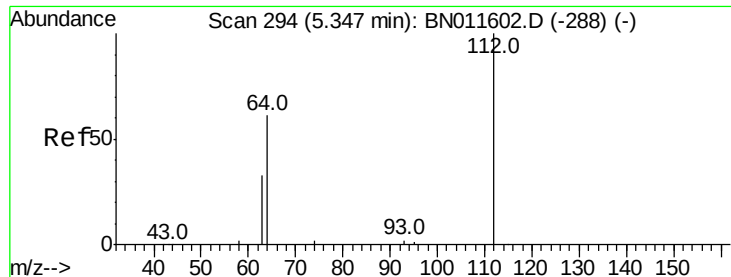
1,4-Dioxane
Concen: 0.035 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011693.D
Acq: 03 Sep 2020 11:59

Tgt Ion: 88 Resp: 104
Ion Ratio Lower Upper
88 100
58 71.2 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: 0.124 ng

RT: 5.34 min Scan# 293

Delta R.T. 0.01 min

Lab File: BN011693.D

Acq: 03 Sep 2020 11:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-738-740

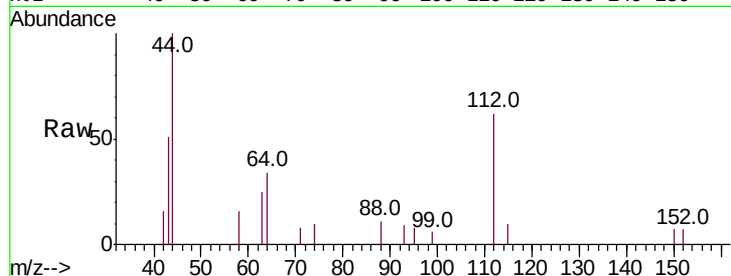
Tot Ion:112 Resp: 647

Ion Ratio Lower Upper

112 100

64 58.6 49.7 74.5

63 38.3 29.4 44.0

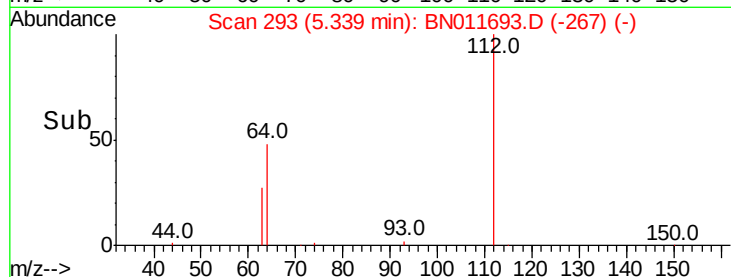


Abundance Ion 112.00 (111.70 to 112.70): B

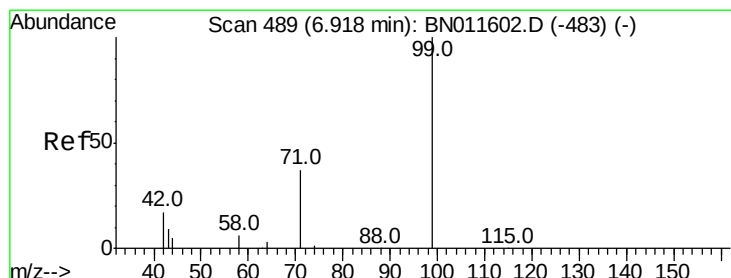
Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO

5.34



Time--> 5.20 5.30 5.40



#5

Phenol-d6

Concen: 0.073 ng

RT: 6.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN011693.D

Acq: 03 Sep 2020 11:59

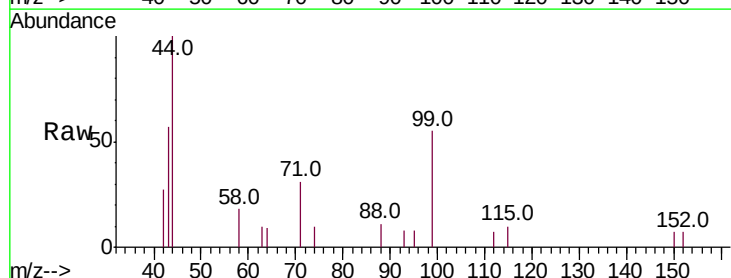
Tgt Ion: 99 Resp: 520

Ion Ratio Lower Upper

99 100

42 31.3 20.2 30.2#

71 51.3 33.3 49.9#

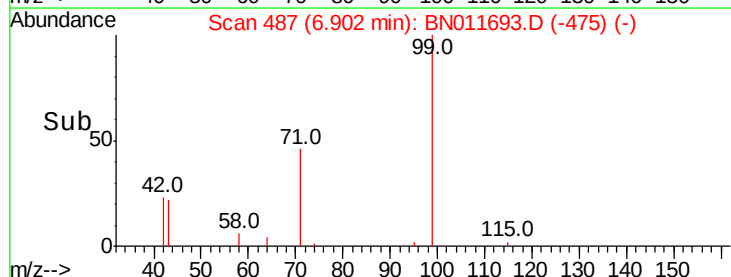


Abundance Ion 99.00 (98.70 to 99.70): BNO

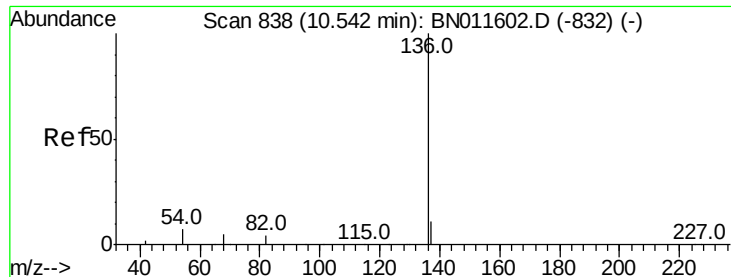
Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

6.90



Time--> 6.85 6.90 6.95 7.00



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011693.D

Acq: 03 Sep 2020 11:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-738-740

Tot Ion:136 Resp: 6852

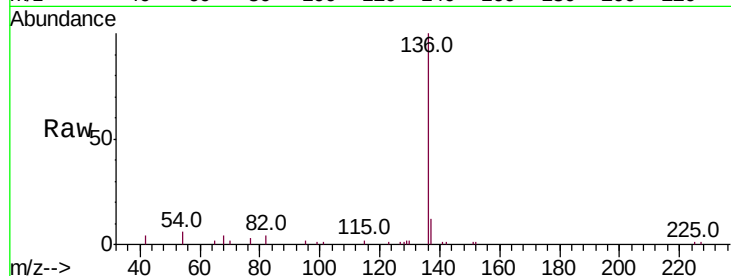
Ion Ratio Lower Upper

136 100

137 12.4 9.3 13.9

54 5.8 5.8 8.8#

68 4.0 4.1 6.1#

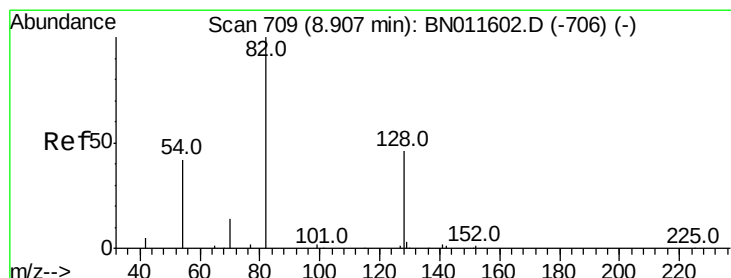
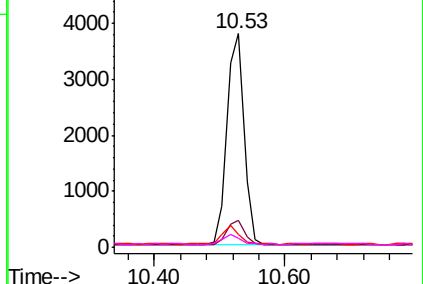
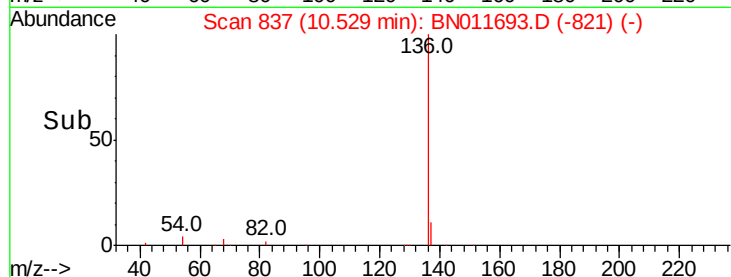


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.251 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011693.D

Acq: 03 Sep 2020 11:59

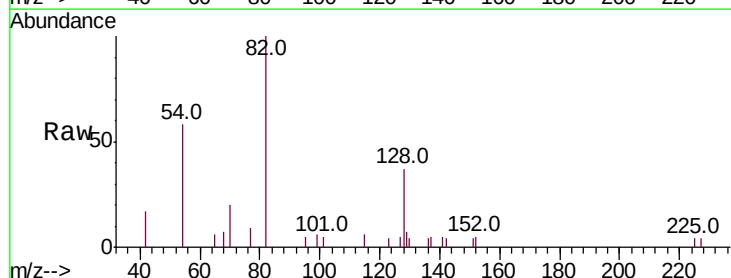
Tgt Ion: 82 Resp: 1662

Ion Ratio Lower Upper

82 100

128 37.1 26.2 39.2

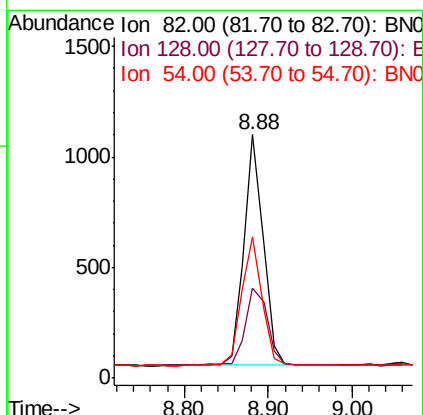
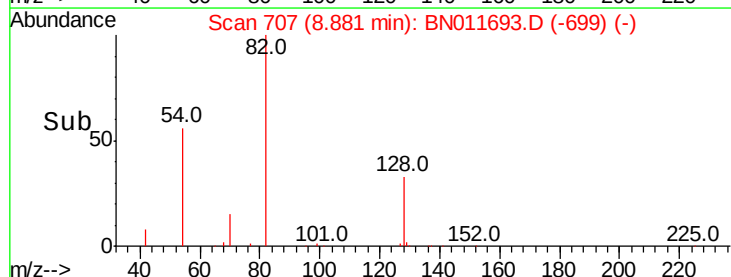
54 57.9 48.2 72.4

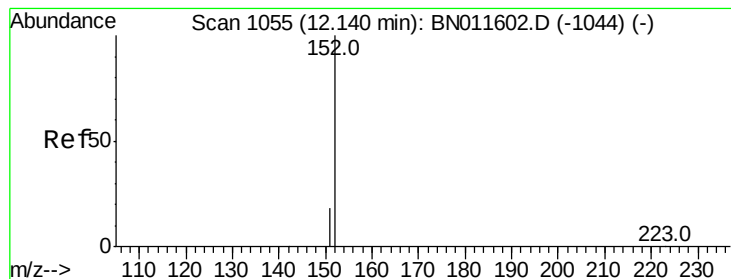


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.227 ng

RT: 12.12 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BN011693.D

Acq: 03 Sep 2020 11:59

Instrument :

BNA_N

ClientSampleId :

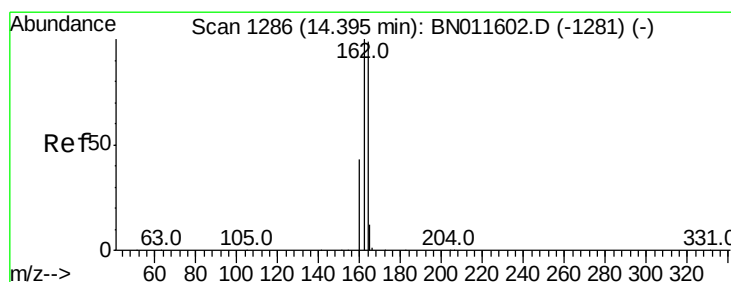
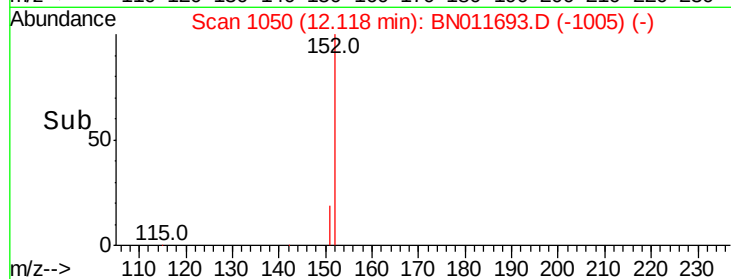
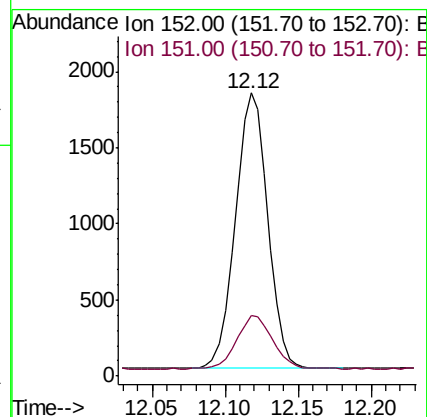
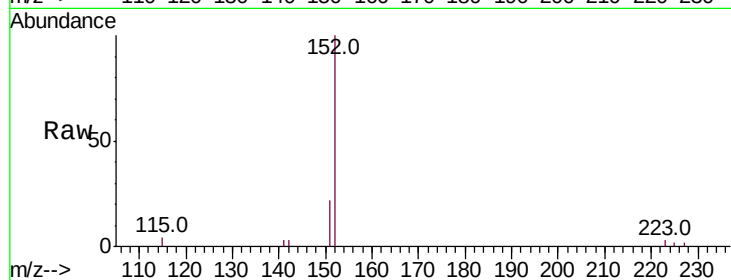
BP-VPB181-GW-738-740

Tot Ion:152 Resp: 2809

Ion Ratio Lower Upper

152 100

151 21.5 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: BN011693.D

Acq: 03 Sep 2020 11:59

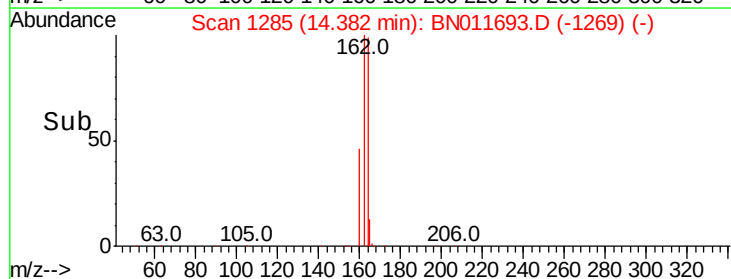
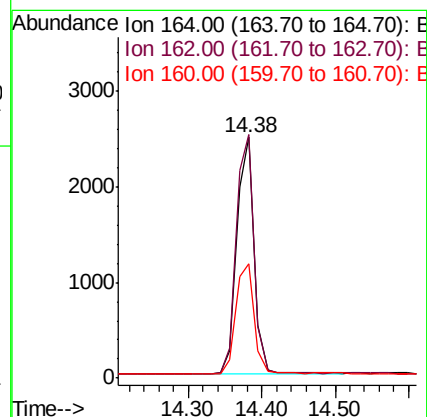
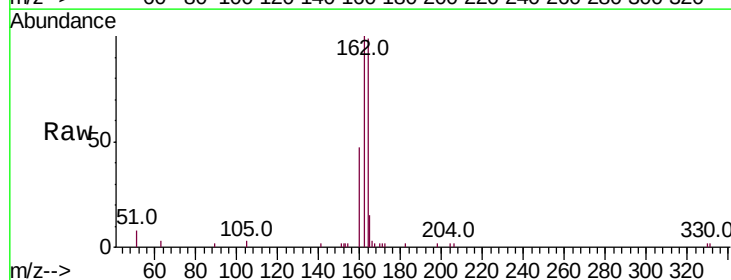
Tgt Ion:164 Resp: 4011

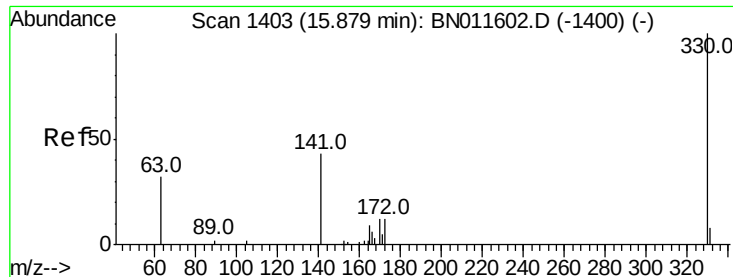
Ion Ratio Lower Upper

164 100

162 101.2 81.4 122.0

160 47.4 38.5 57.7

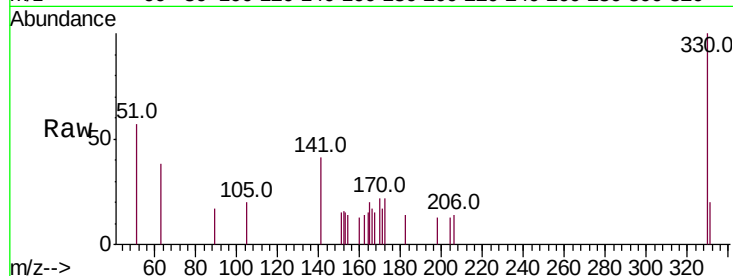




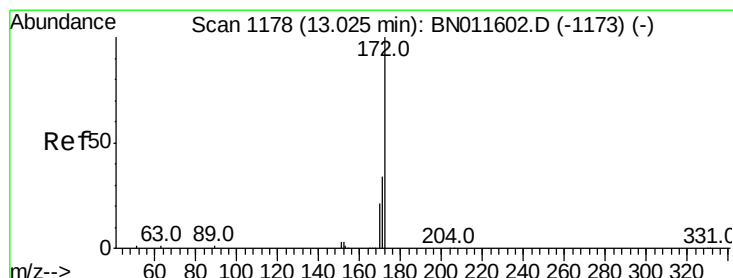
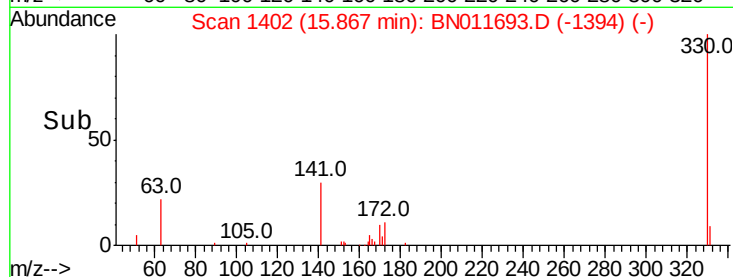
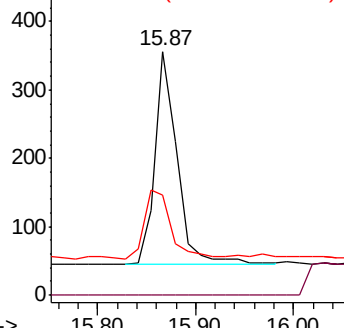
#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 15.87 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BN011693.D
Acq: 03 Sep 2020 11:59

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-738-740

Tot Ion:330 Resp: 492
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.6 29.8 44.8

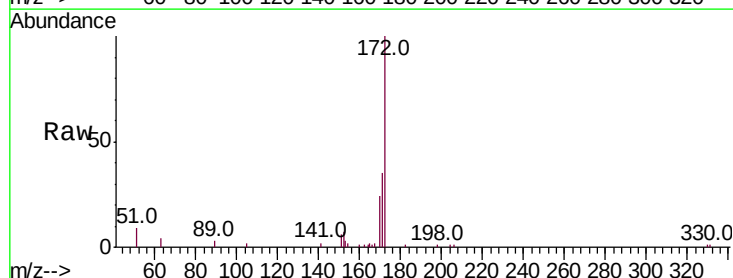


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

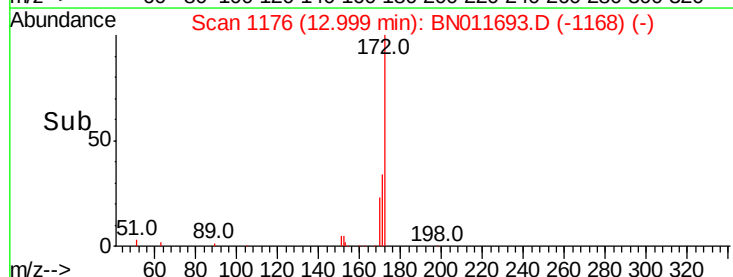
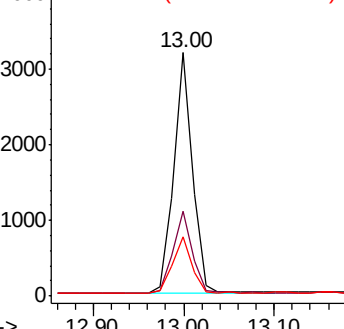


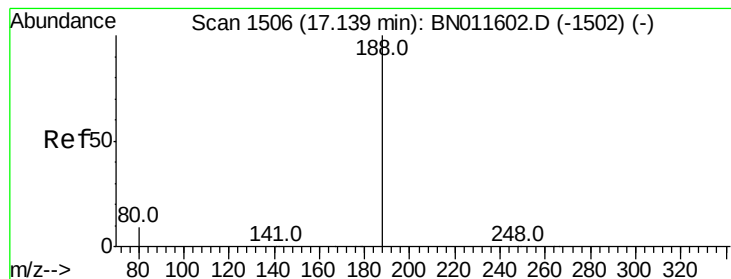
#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011693.D
Acq: 03 Sep 2020 11:59

Tgt Ion:172 Resp: 4515
Ion Ratio Lower Upper
172 100
171 34.7 30.0 45.0
170 24.1 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BN011693.D

Acq: 03 Sep 2020 11:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-738-740

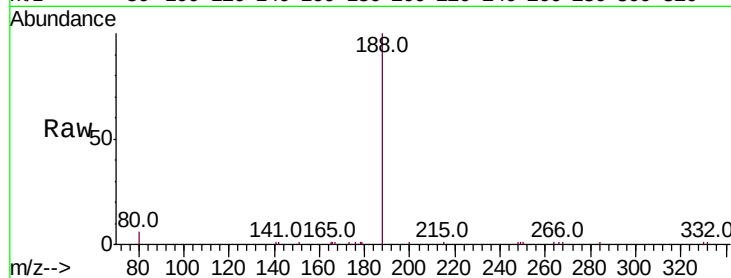
Tot Ion:188 Resp: 9129

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

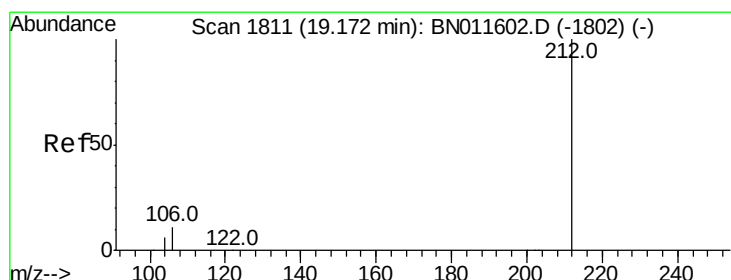
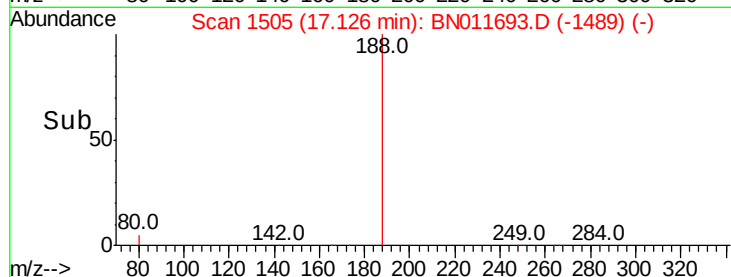
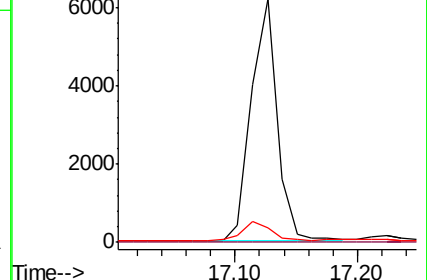
80 5.7 6.6 9.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#27

Fluoranthene-d10

Concen: 0.277 ng

RT: 19.16 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BN011693.D

Acq: 03 Sep 2020 11:59

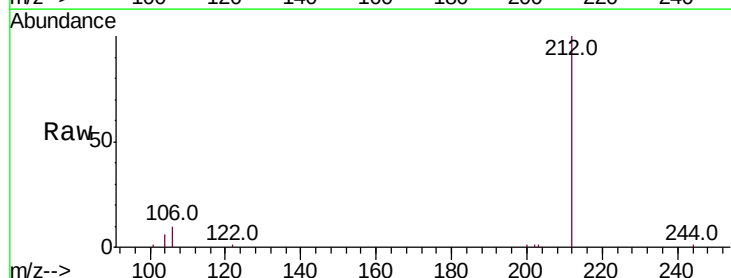
Tgt Ion:212 Resp: 8106

Ion Ratio Lower Upper

212 100

106 8.7 7.6 11.4

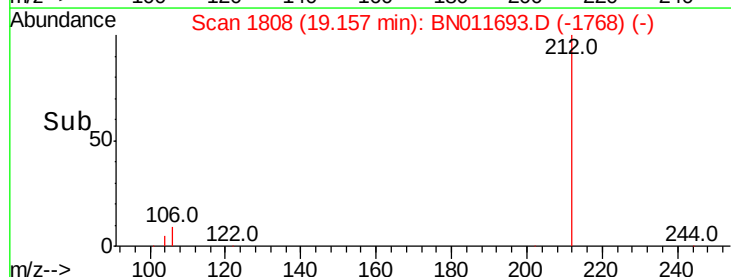
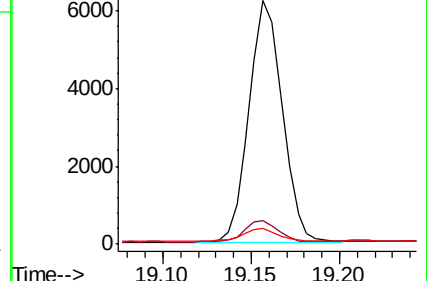
104 5.2 4.6 6.8

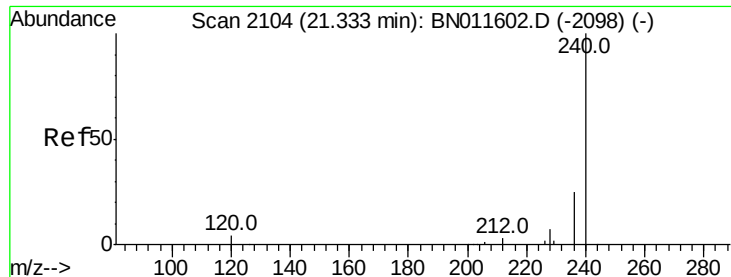


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

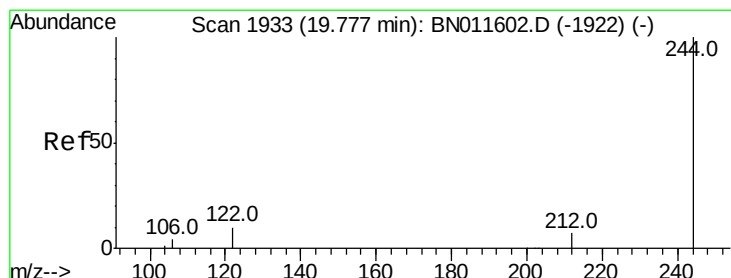
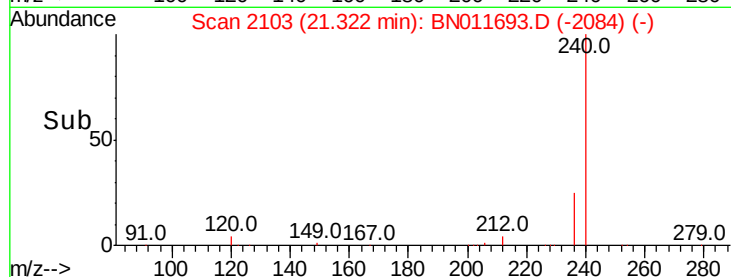
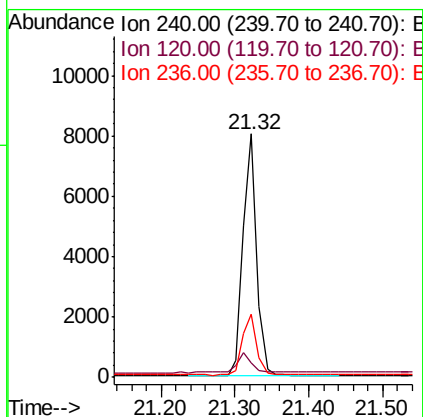
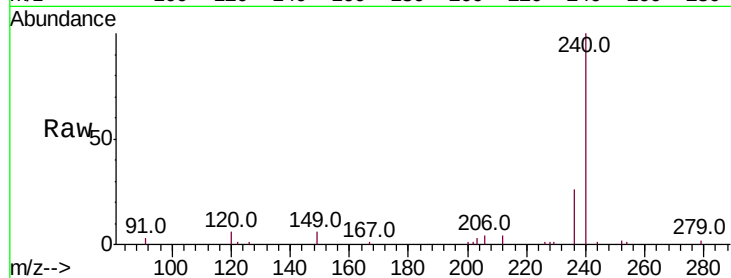




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011693.D
Acq: 03 Sep 2020 11:59

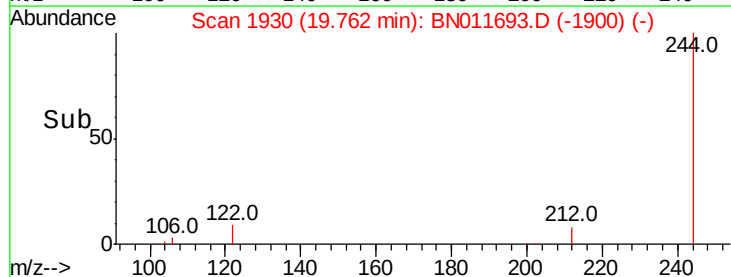
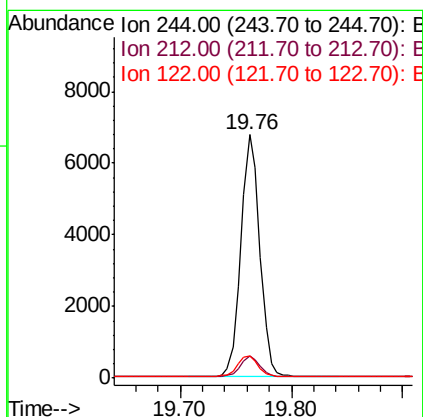
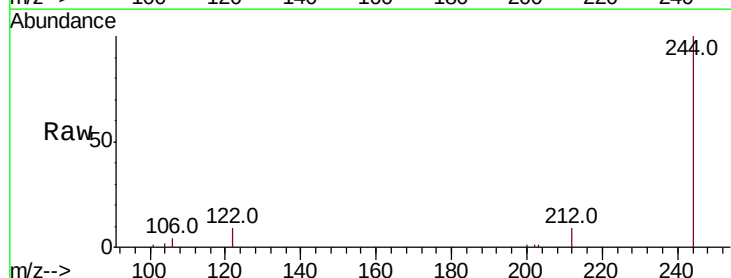
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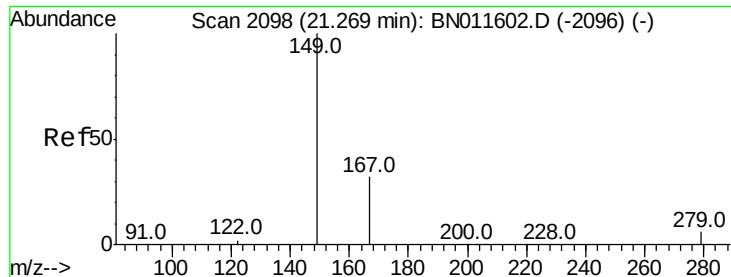
Tot Ion:240 Resp: 10306
Ion Ratio Lower Upper
240 100
120 5.9 9.9 14.9#
236 26.1 22.2 33.4



#31
Terphenyl-d14
Concen: 0.309 ng
RT: 19.76 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BN011693.D
Acq: 03 Sep 2020 11:59

Tgt Ion:244 Resp: 7909
Ion Ratio Lower Upper
244 100
212 9.0 6.5 9.7
122 9.3 7.4 11.2





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.061 ng

RT: 21.25 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BN011693.D

Acq: 03 Sep 2020 11:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-738-740

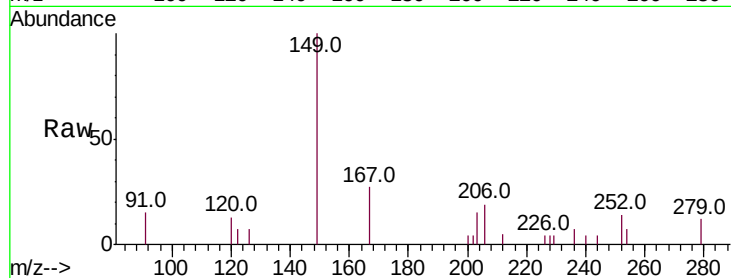
Tot Ion:149 Resp: 908

Ion Ratio Lower Upper

149 100

167 29.0 23.2 34.8

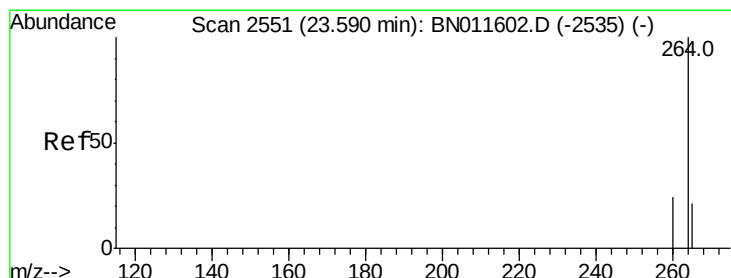
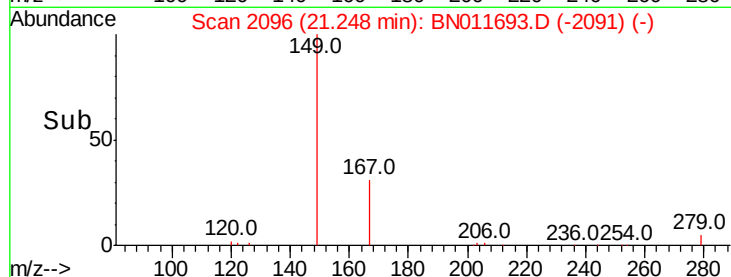
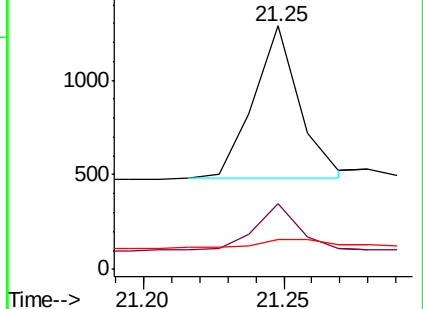
279 7.3 4.0 6.0#



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. 0.00 min

Lab File: BN011693.D

Acq: 03 Sep 2020 11:59

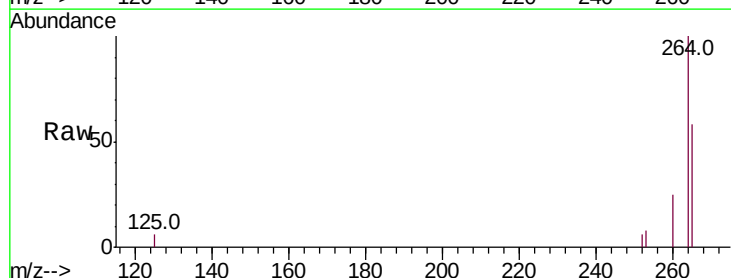
Tgt Ion:264 Resp: 9956

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.6

265 57.8 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

