

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011633.D
 Acq On : 26 Aug 2020 02:15
 Operator : CG/JU
 Sample : L3717-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB179-GW-758-760

Quant Time: Aug 26 04:03:08 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

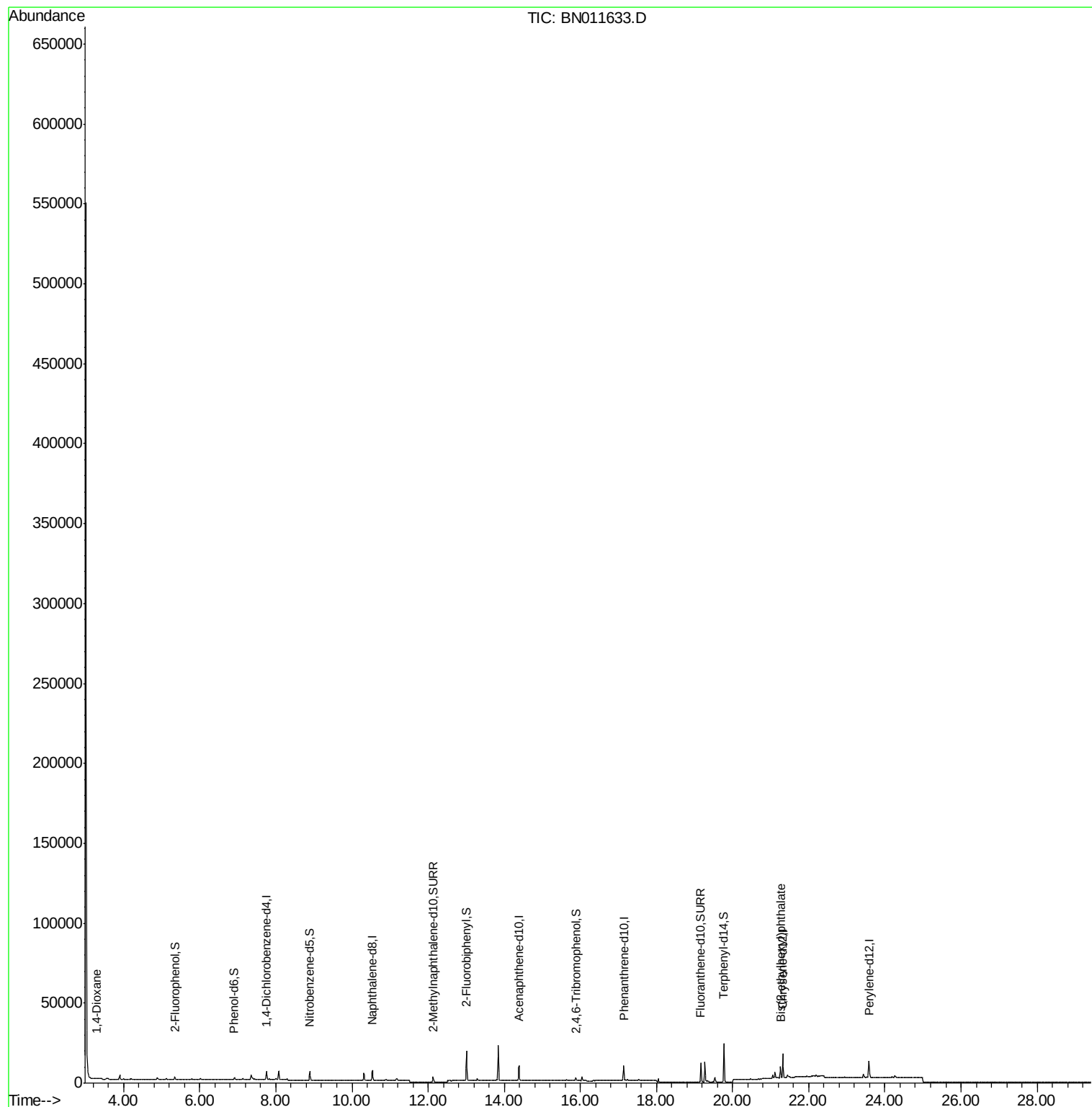
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2260	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9186	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5872	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	13396	0.40	ng	0.00
29) Chrysene-d12	21.32	240	13173	0.40	ng	-0.01
36) Perylene-d12	23.58	264	13919	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1153	0.16	ng	0.00
5) Phenol-d6	6.91	99	933	0.09	ng	0.00
8) Nitrobenzene-d5	8.89	82	4220	0.53	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	4499	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1219	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	15359	0.67	ng	-0.01
27) Fluoranthene-d10	19.17	212	13964	0.32	ng	0.00
31) Terphenyl-d14	19.77	244	23714	0.70	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	294	0.084	ng	# 1
34) Bis(2-ethylhexyl)phthalate	21.26	149	6110	0.136	ng	95

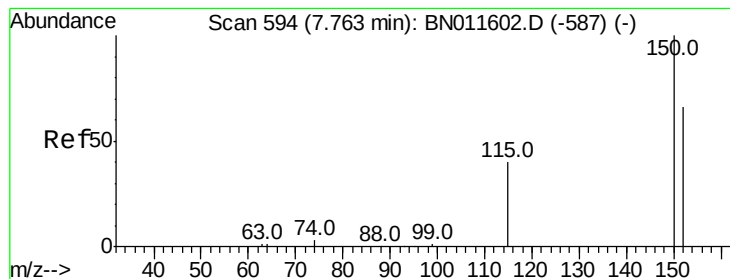
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 593

Delta R.T. -0.01 min

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BP-VPB179-GW-758-760

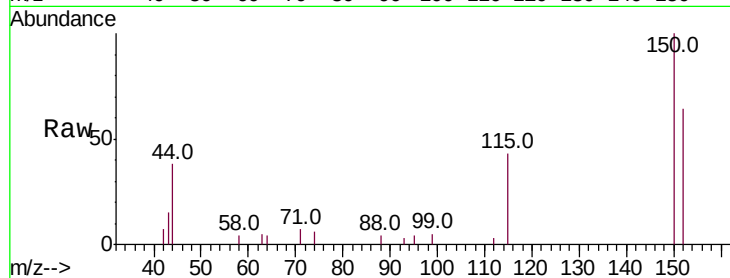
Tot Ion:152 Resp: 2260

Ion Ratio Lower Upper

152 100

150 155.3 112.4 168.6

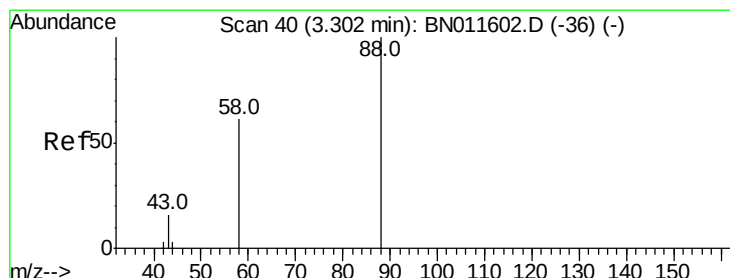
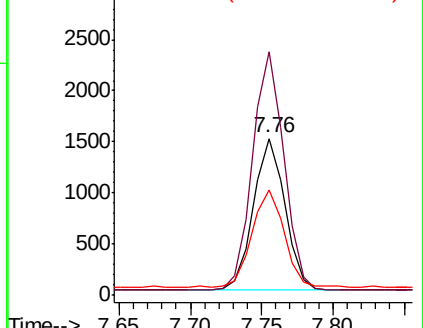
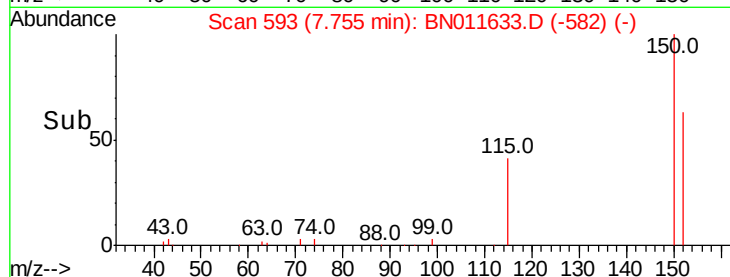
115 66.9 56.9 85.3



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: 0.084 ng

RT: 3.30 min Scan# 40

Delta R.T. -0.00 min

Lab File: BN011633.D

Acq: 26 Aug 2020 02:15

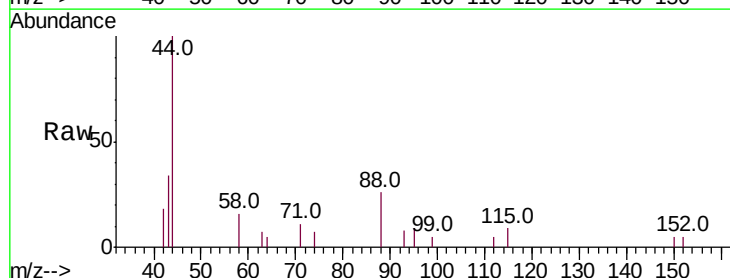
Tgt Ion: 88 Resp: 294

Ion Ratio Lower Upper

88 100

58 64.6 3.0 4.4#

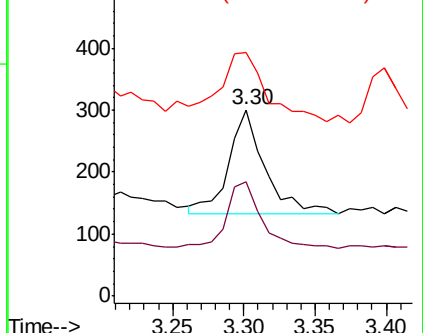
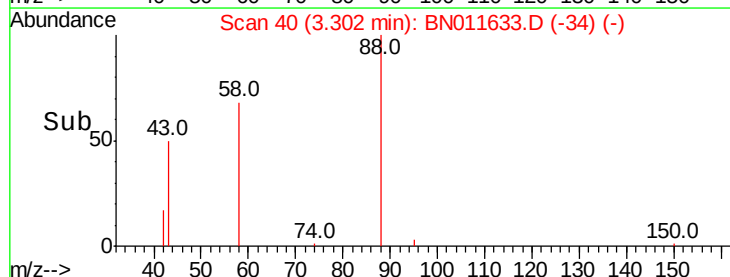
43 85.7 0.0 0.0#

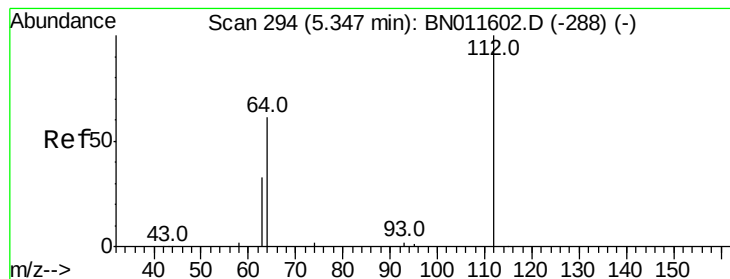


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.160 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011633.D

Acq: 26 Aug 2020 02:15

Instrument :

BNA_N

ClientSampleId :

BP-VPB179-GW-758-760

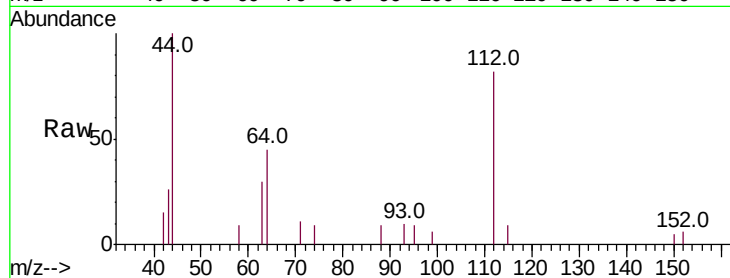
Tot Ion:112 Resp: 1153

Ion Ratio Lower Upper

112 100

64 60.8 49.6 74.4

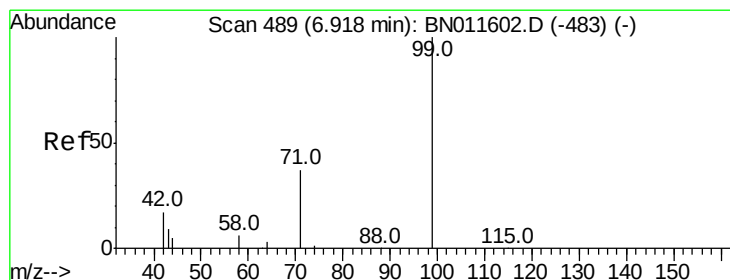
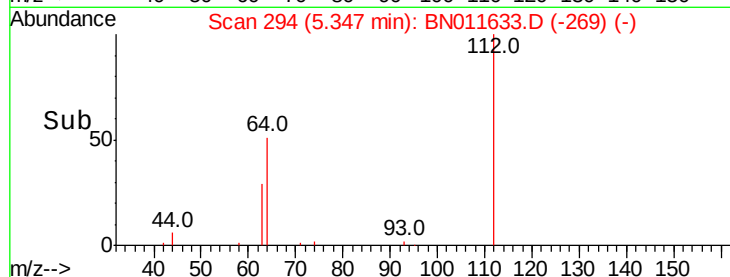
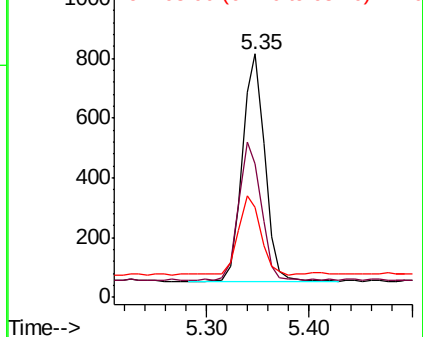
63 34.4 26.4 39.6



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. -0.01 min

Lab File: BN011633.D

Acq: 26 Aug 2020 02:15

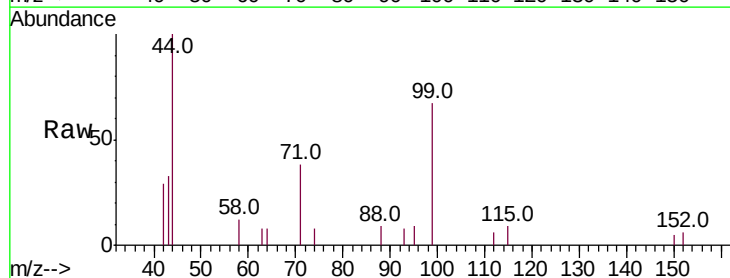
Tgt Ion: 99 Resp: 933

Ion Ratio Lower Upper

99 100

42 26.7 0.0 0.0#

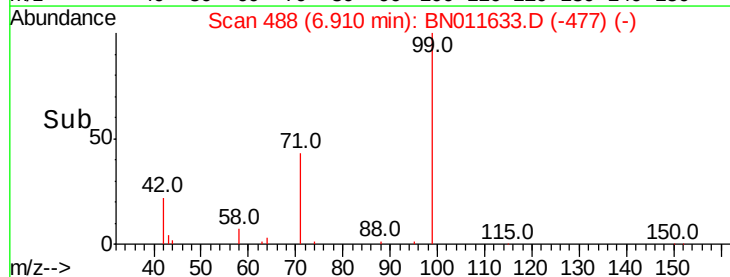
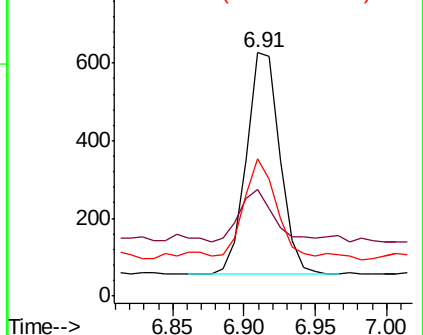
71 43.8 0.0 0.0#

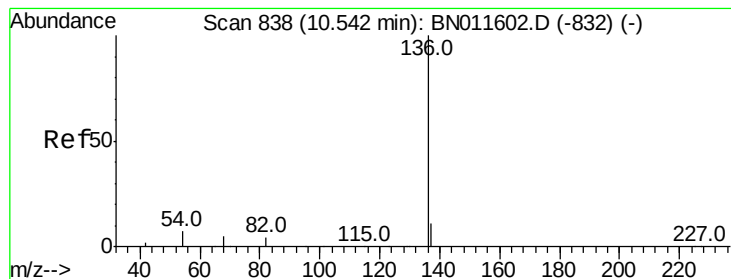


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011633.D

Acq: 26 Aug 2020 02:15

Instrument :

BNA_N

ClientSampleId :

BP-VPB179-GW-758-760

Tot Ion:136 Resp: 9186

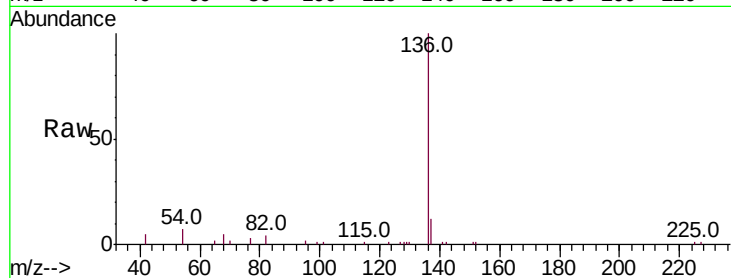
Ion Ratio Lower Upper

136 100

137 11.9 11.5 17.3

54 6.6 11.9 17.9#

68 5.0 12.3 18.5#

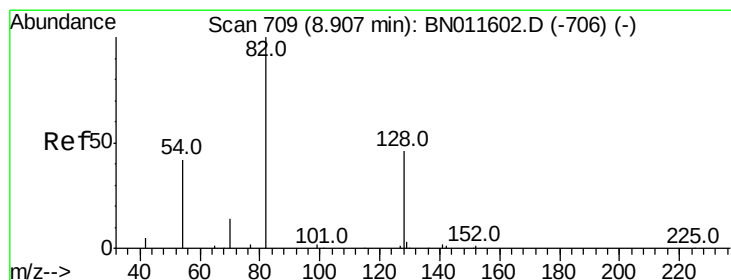
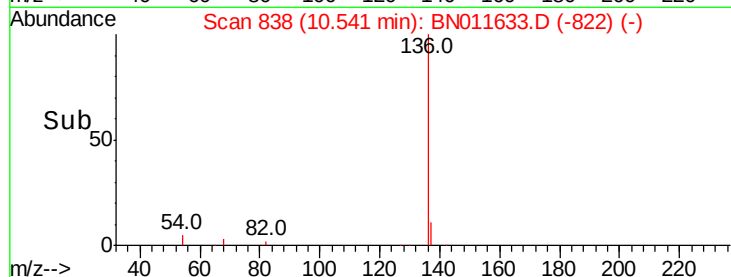
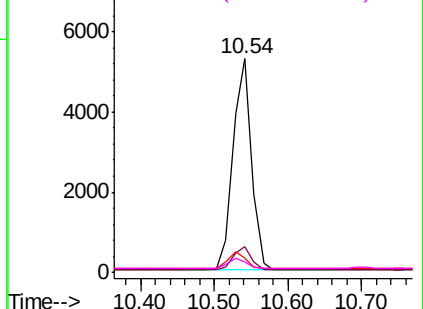


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.531 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011633.D

Acq: 26 Aug 2020 02:15

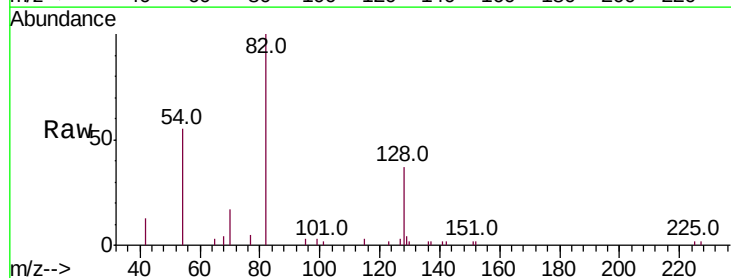
Tgt Ion: 82 Resp: 4220

Ion Ratio Lower Upper

82 100

128 36.6 31.1 46.7

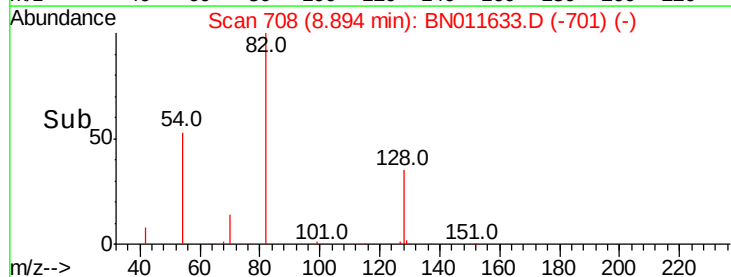
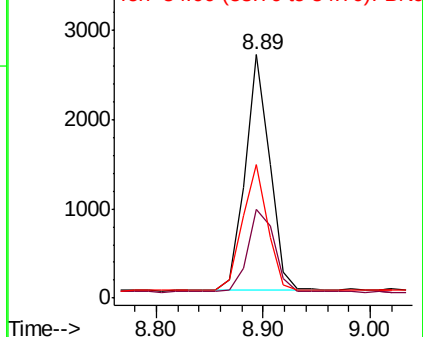
54 54.7 37.1 55.7

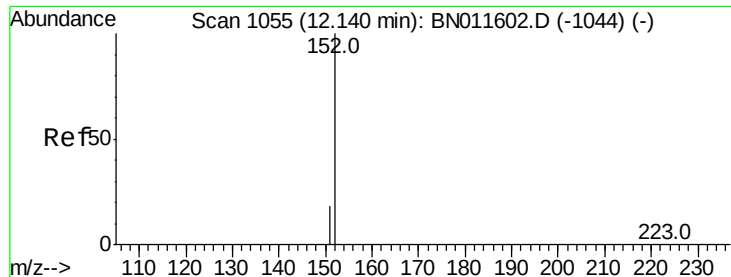


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

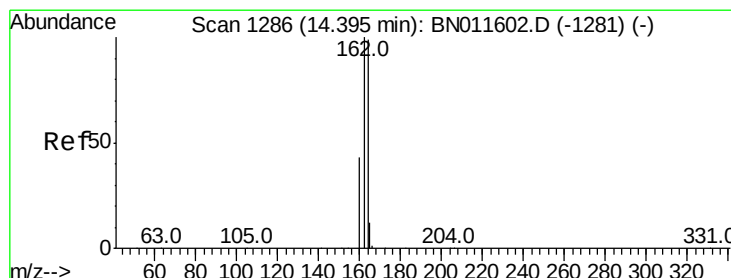
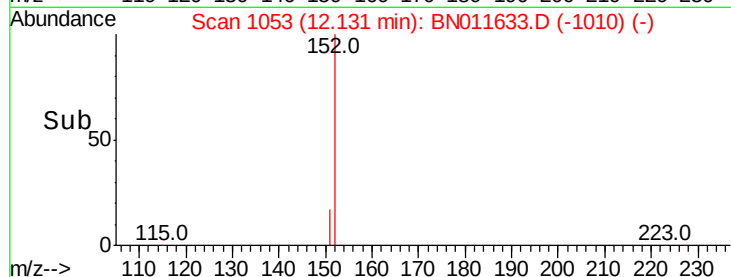
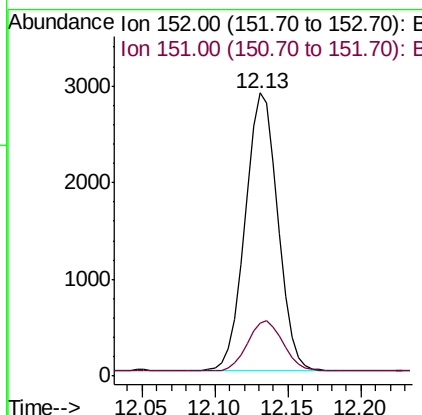
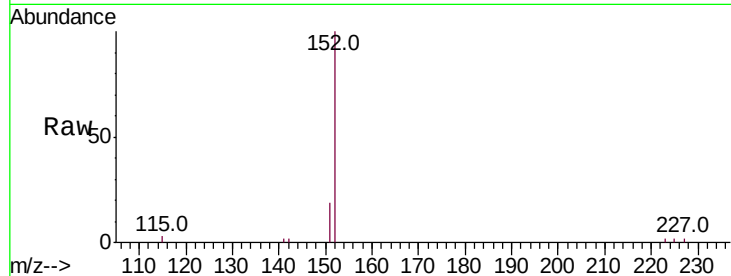




#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.13 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN011633.D
Acq: 26 Aug 2020 02:15

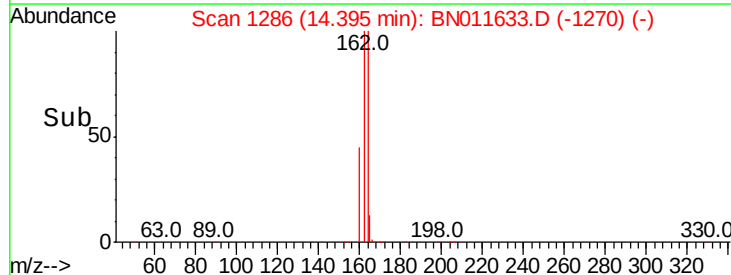
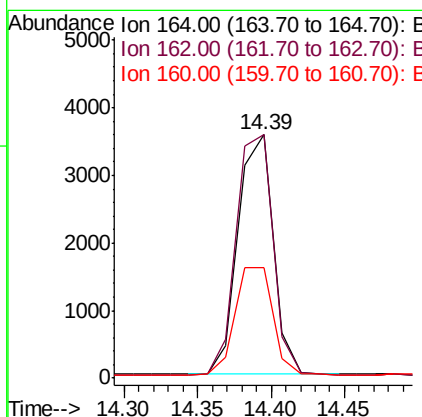
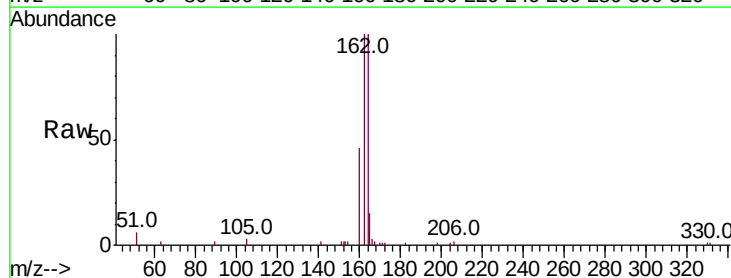
Instrument :
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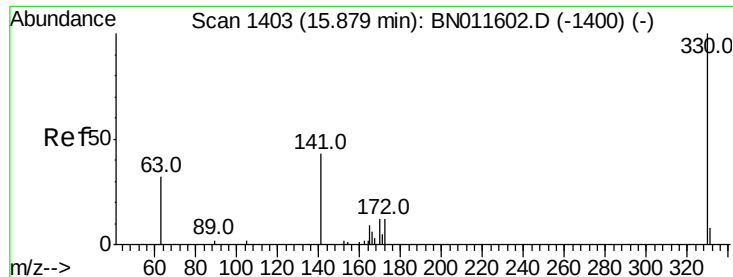
Tot Ion:152 Resp: 4499
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN011633.D
Acq: 26 Aug 2020 02:15

Tgt Ion:164 Resp: 5872
Ion Ratio Lower Upper
164 100
162 100.1 80.8 121.2
160 45.6 35.6 53.4

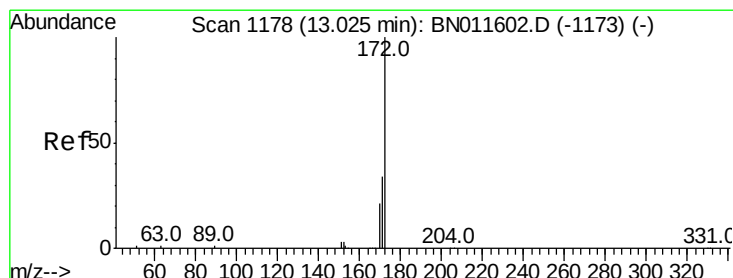
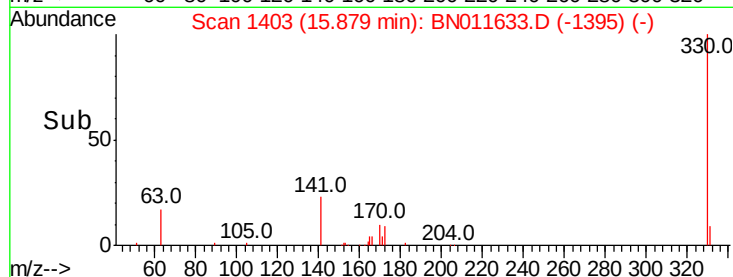
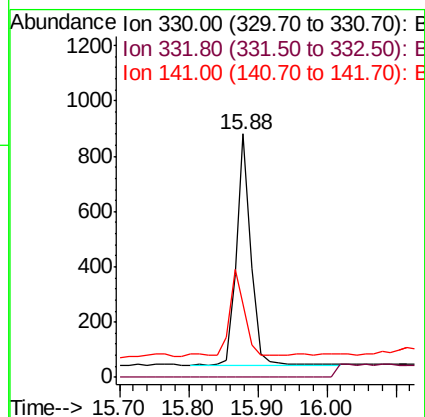
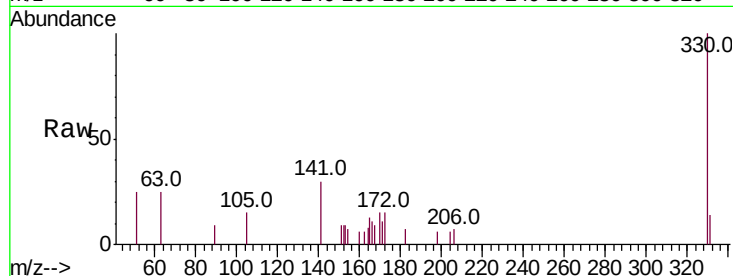




#14
 2,4,6-Tribromophenol
 Concen: 0.378 ng
 RT: 15.88 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BN011633.D
 Acq: 26 Aug 2020 02:15

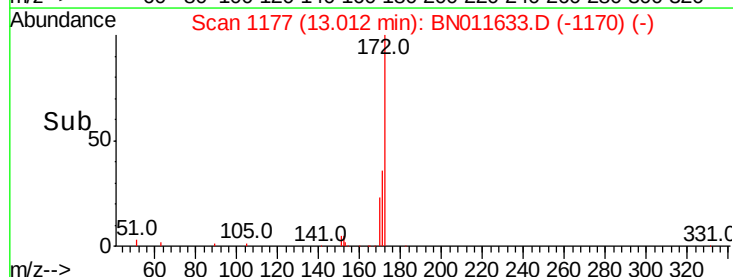
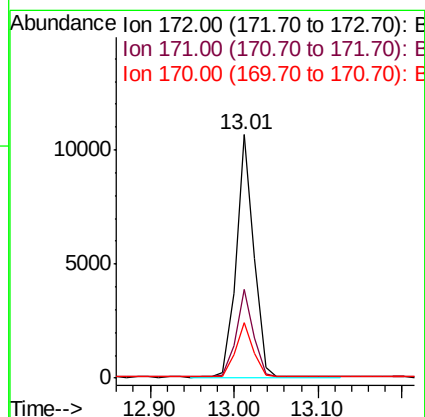
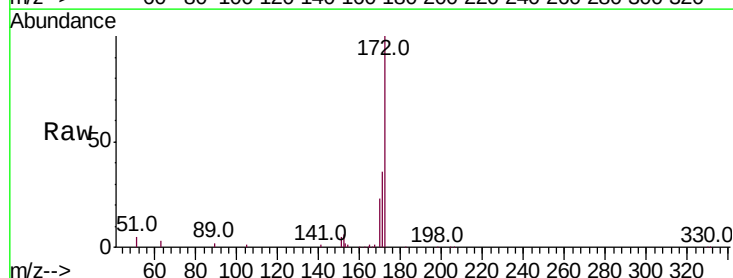
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB179-GW-758-760

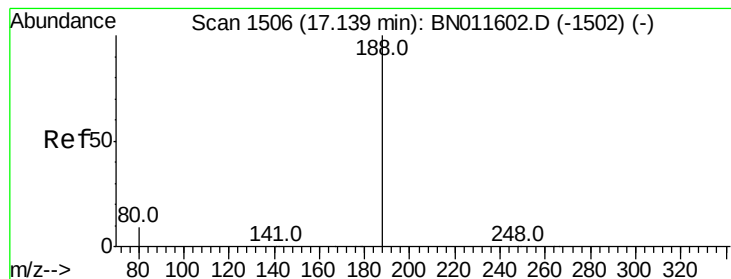
Tot Ion:330 Resp: 1219
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 37.5 29.4 44.2



#15
 2-Fluorobiphenyl
 Concen: 0.672 ng
 RT: 13.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BN011633.D
 Acq: 26 Aug 2020 02:15

Tgt Ion:172 Resp: 15359
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 23.0 18.2 27.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011633.D

Acq: 26 Aug 2020 02:15

Instrument :

BNA_N

ClientSampleId :

BP-VPB179-GW-758-760

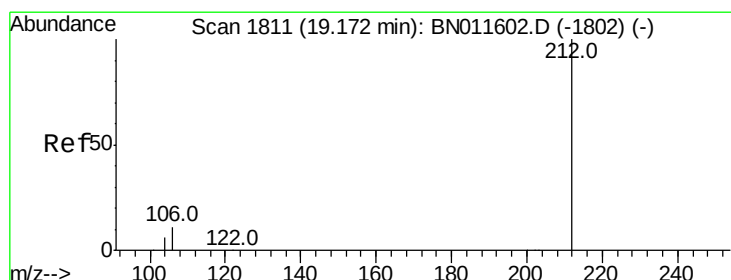
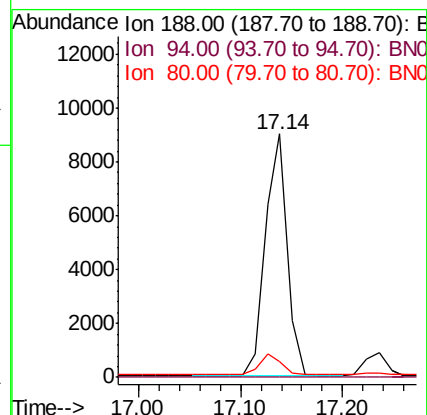
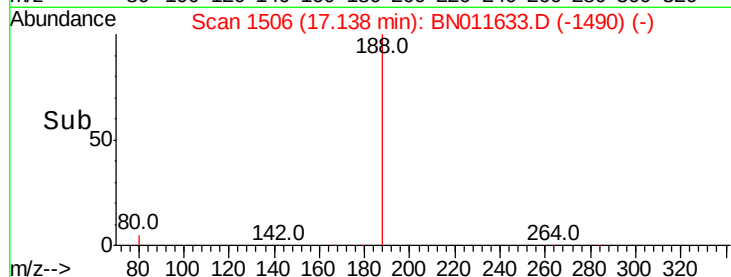
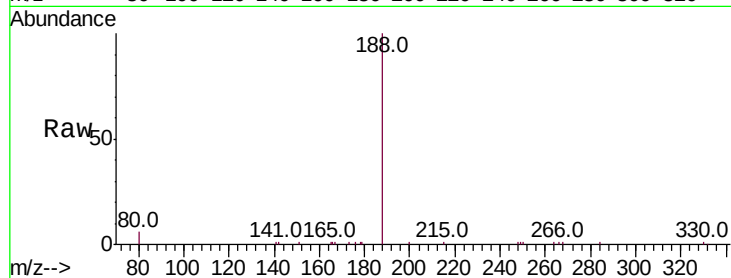
Tot Ion:188 Resp: 13396

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.3 9.2 13.8#



#27

Fluoranthene-d10

Concen: 0.320 ng

RT: 19.17 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BN011633.D

Acq: 26 Aug 2020 02:15

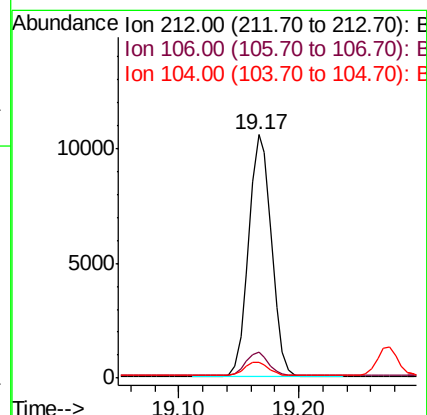
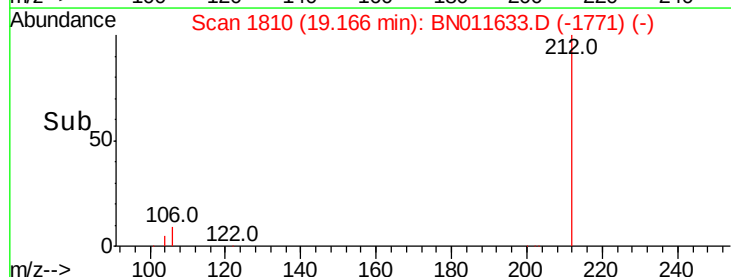
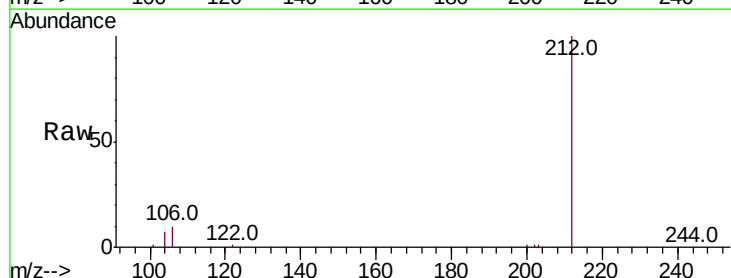
Tgt Ion:212 Resp: 13964

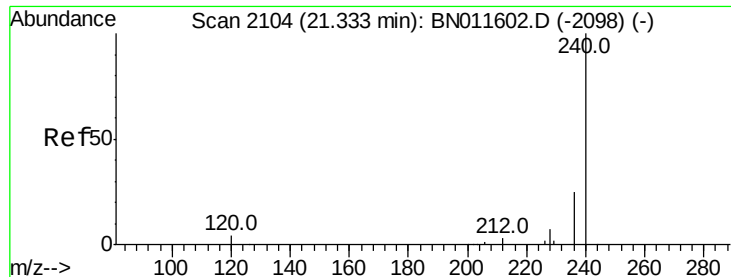
Ion Ratio Lower Upper

212 100

106 9.7 8.9 13.3

104 5.7 5.3 7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.32 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011633.D

Acq: 26 Aug 2020 02:15

Instrument :

BNA_N

ClientSampleId :

BP-VPB179-GW-758-760

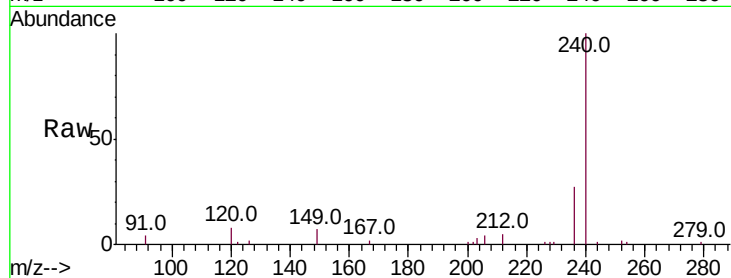
Tot Ion:240 Resp: 13173

Ion Ratio Lower Upper

240 100

120 8.4 6.0 9.0

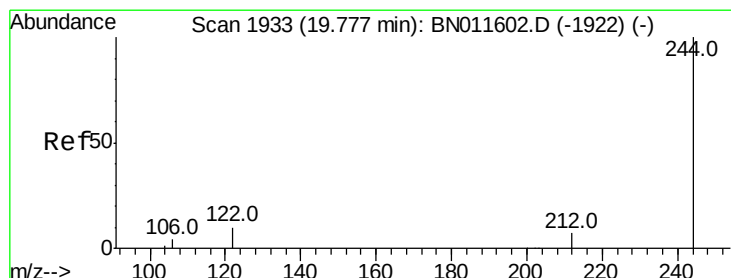
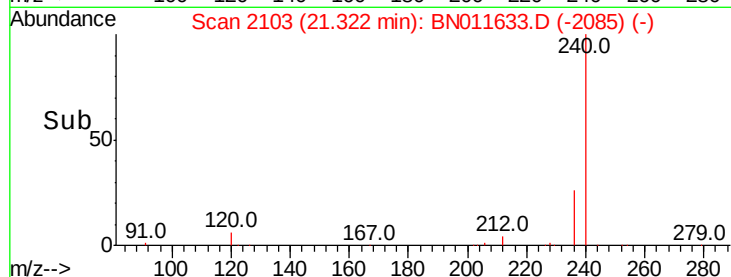
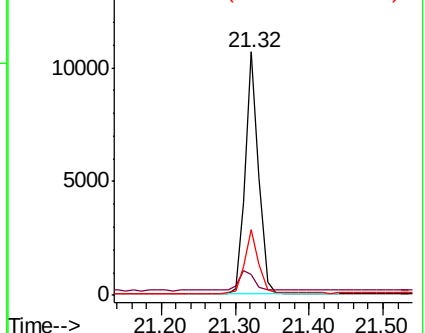
236 27.1 20.8 31.2



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: 0.705 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN011633.D

Acq: 26 Aug 2020 02:15

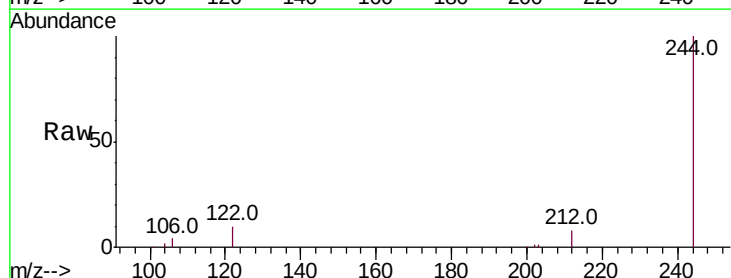
Tgt Ion:244 Resp: 23714

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

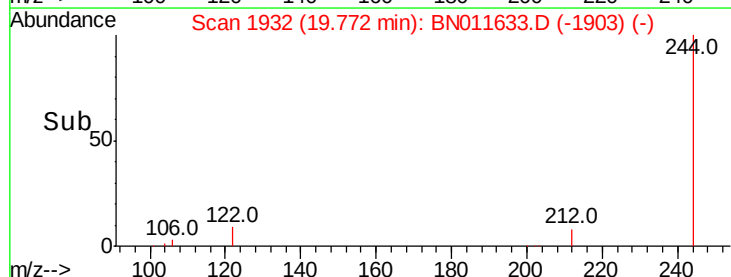
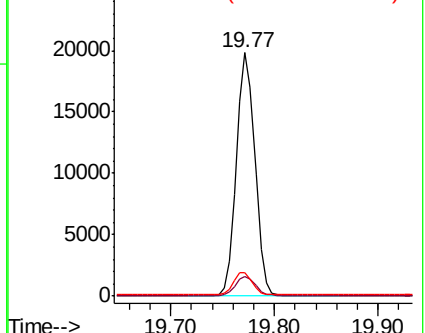
122 9.6 9.5 14.3

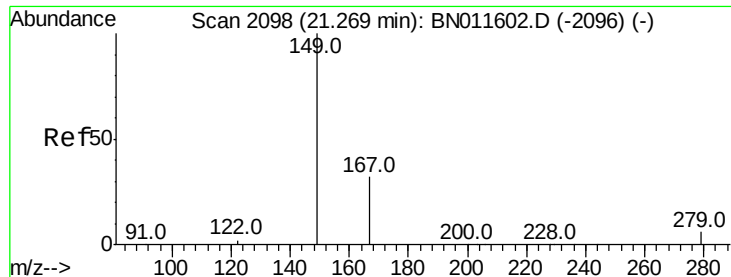


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.136 ng

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011633.D

Acq: 26 Aug 2020 02:15

Instrument :

BNA_N

ClientSampleId :

BP-VPB179-GW-758-760

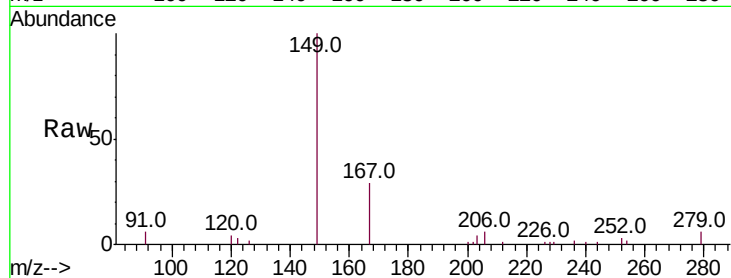
Tot Ion:149 Resp: 6110

Ion Ratio Lower Upper

149 100

167 28.9 20.6 31.0

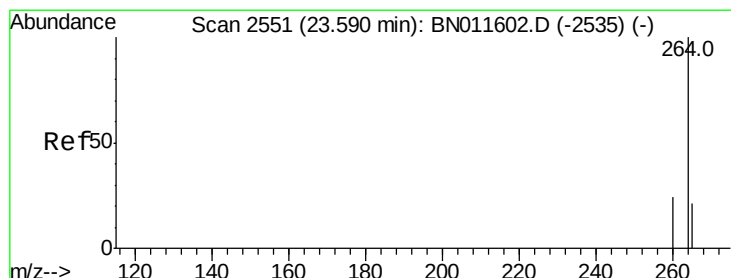
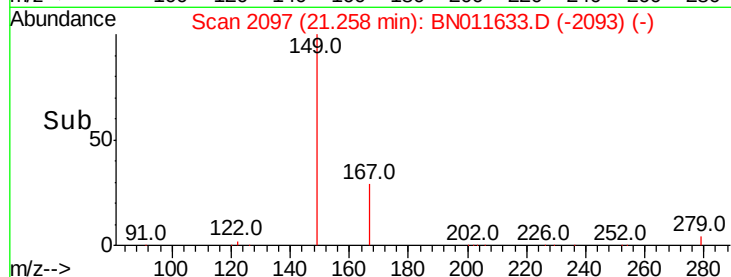
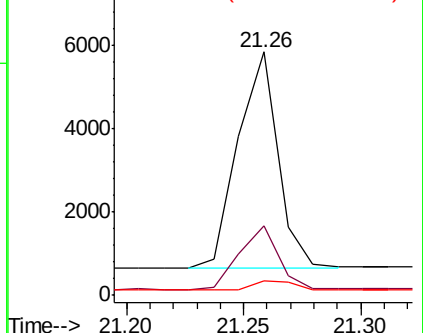
279 4.8 3.8 5.8



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: BN011633.D

Acq: 26 Aug 2020 02:15

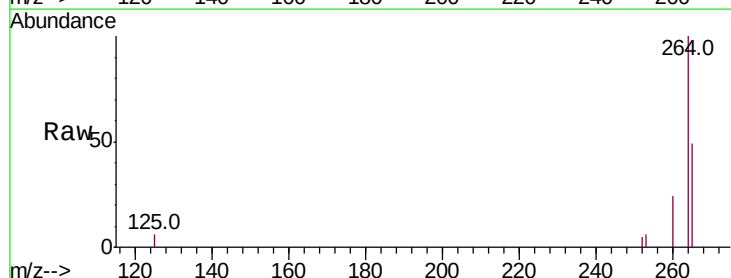
Tgt Ion:264 Resp: 13919

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 49.4 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

