

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011638.D
 Acq On : 26 Aug 2020 05:15
 Operator : CG/JU
 Sample : L3738-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-478-480

Quant Time: Aug 26 09:07:57 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

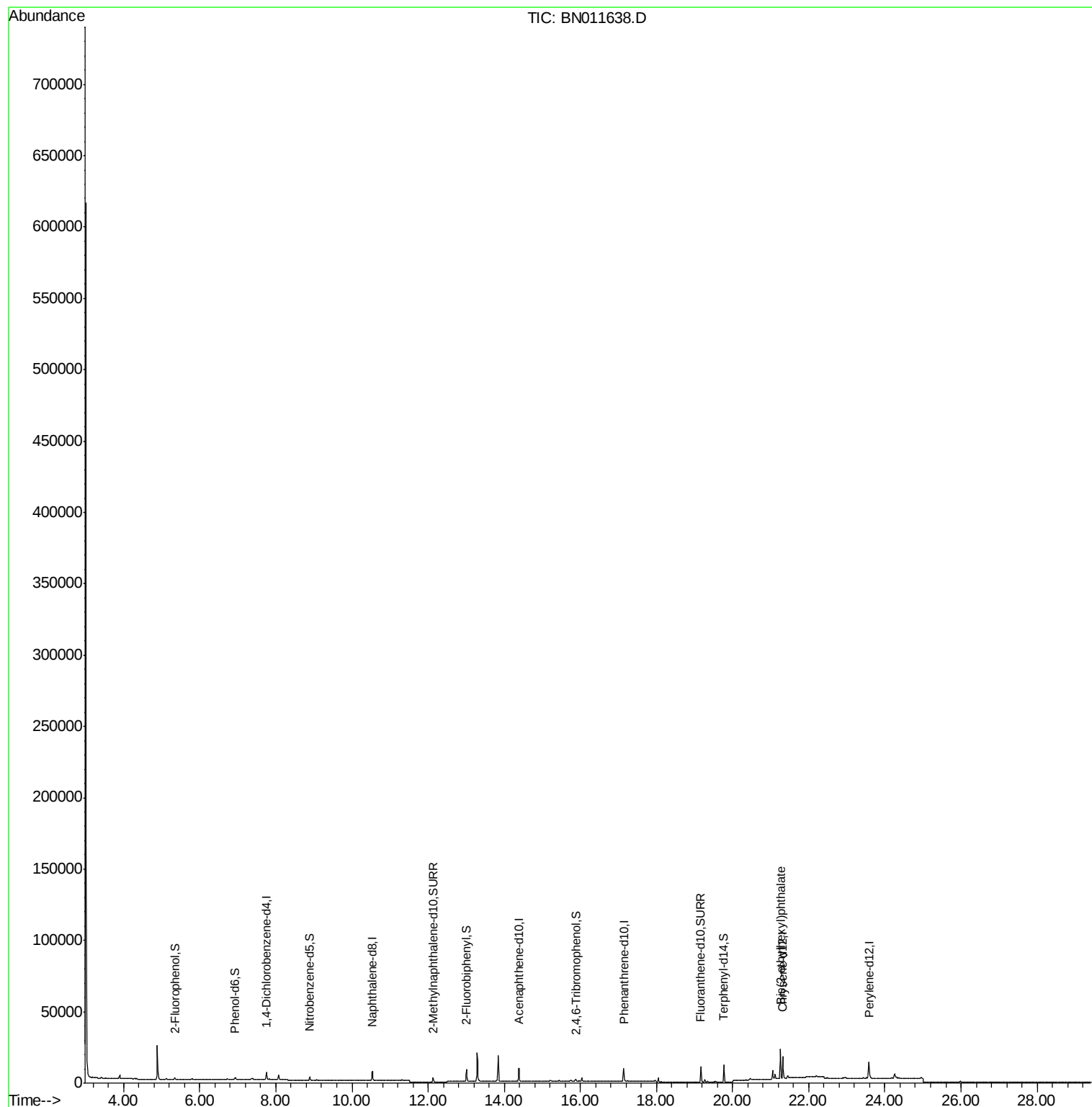
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2341	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9373	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5928	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	13280	0.40	ng	0.00
29) Chrysene-d12	21.32	240	13405	0.40	ng	-0.01
36) Perylene-d12	23.58	264	14509	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	839	0.11	ng	0.00
5) Phenol-d6	6.91	99	669	0.06	ng	0.00
8) Nitrobenzene-d5	8.89	82	2335	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	4339	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	805	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	6596	0.29	ng	-0.01
27) Fluoranthene-d10	19.17	212	11994	0.28	ng	0.00
31) Terphenyl-d14	19.77	244	11817	0.35	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phthalate	21.26	149	17894	0.586	ng	96

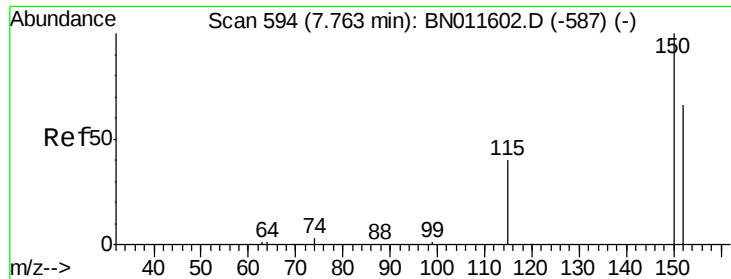
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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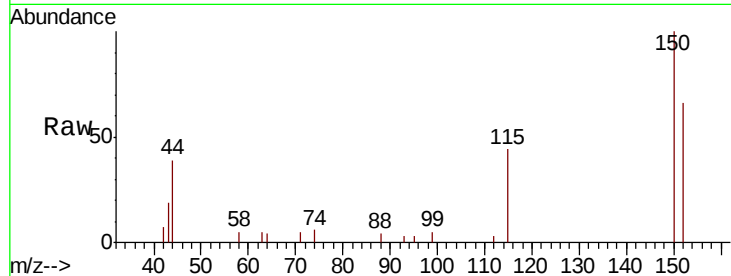


#1

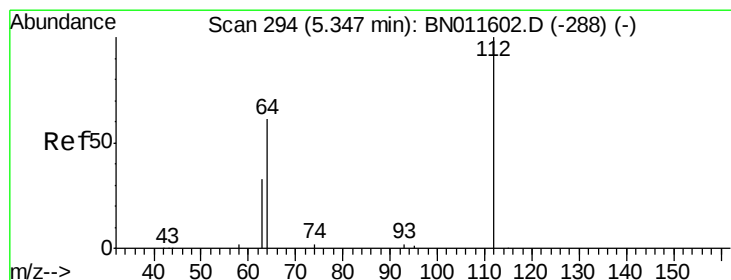
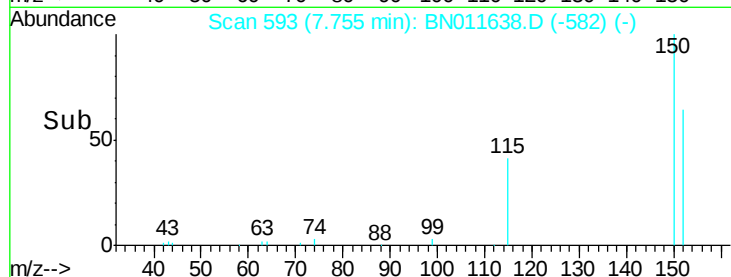
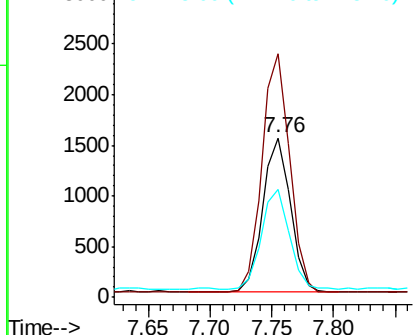
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN011638.D
Acq: 26 Aug 2020 05:15

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-478-480

Tot Ion:152 Resp: 2341
Ion Ratio Lower Upper
152 100
150 152.5 112.4 168.6
115 67.2 56.9 85.3



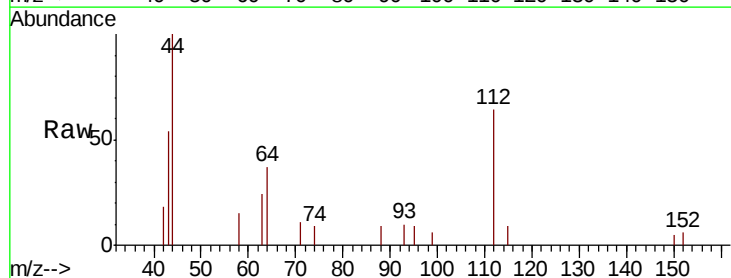
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



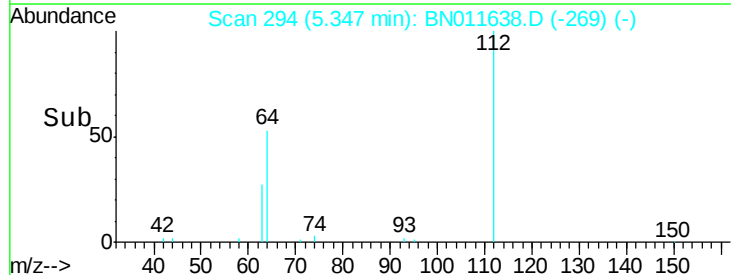
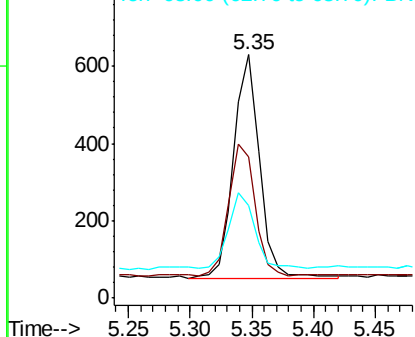
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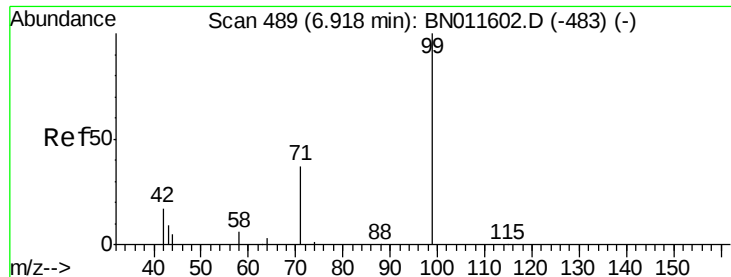
2-Fluorophenol
Concen: 0.112 ng
RT: 5.35 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN011638.D
Acq: 26 Aug 2020 05:15

Tgt Ion:112 Resp: 839
Ion Ratio Lower Upper
112 100
64 59.8 49.6 74.4
63 35.3 26.4 39.6



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: 0.063 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011638.D

Acq: 26 Aug 2020 05:15

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-478-480

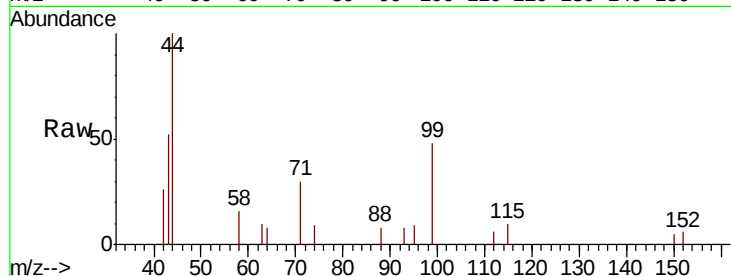
Tot Ion: 99 Resp: 669

Ion Ratio Lower Upper

99 100

42 43.9 0.0 0.0#

71 51.4 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011602.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011602.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011602.D (-483) (-)

6.91

500

400

300

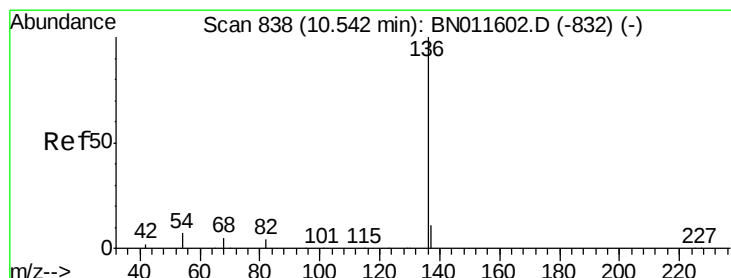
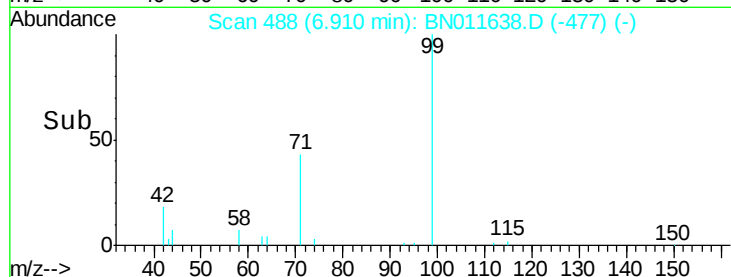
200

100

0

6.85 6.90 6.95 7.00

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011638.D

Acq: 26 Aug 2020 05:15

Tgt Ion: 136 Resp: 9373

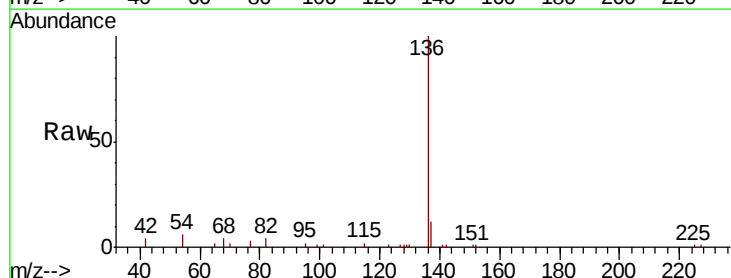
Ion Ratio Lower Upper

136 100

137 12.2 11.5 17.3

54 6.1 11.9 17.9#

68 4.4 12.3 18.5#



Abundance Ion 136.00 (135.70 to 136.70): BN011602.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN011602.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN011602.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN011602.D (-832) (-)

10.54

8000

6000

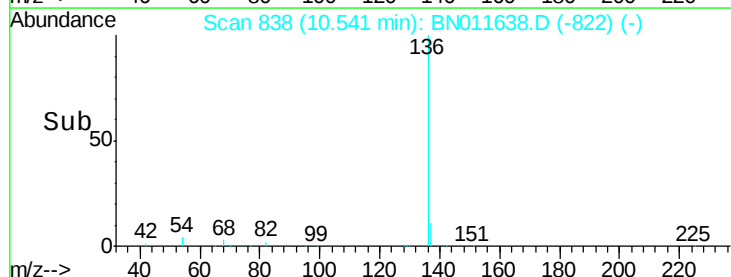
4000

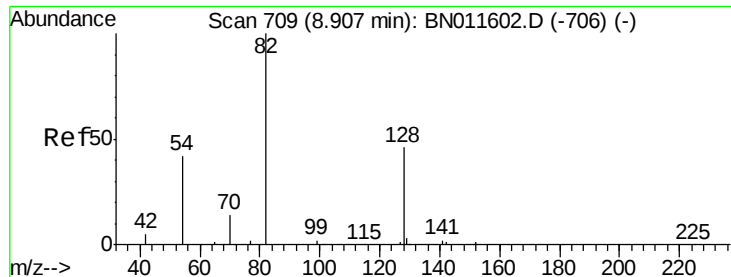
2000

0

10.40 10.50 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.288 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011638.D

Acq: 26 Aug 2020 05:15

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-478-480

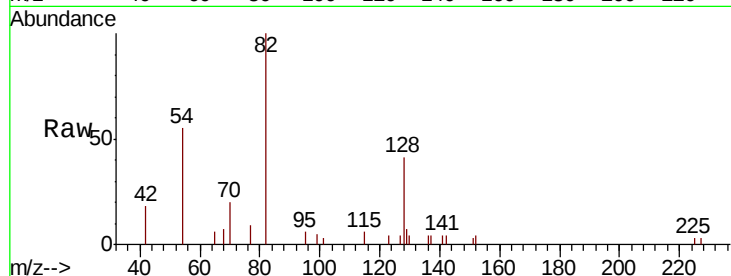
Tot Ion: 82 Resp: 2335

Ion Ratio Lower Upper

82 100

128 41.2 31.1 46.7

54 54.8 37.1 55.7



Abundance Ion 82.00 (81.70 to 82.70): BN011602.D (-706) (-)

Ion 128.00 (127.70 to 128.70): BN011602.D (-706) (-)

Ion 54.00 (53.70 to 54.70): BN011602.D (-706) (-)

8.89

1500

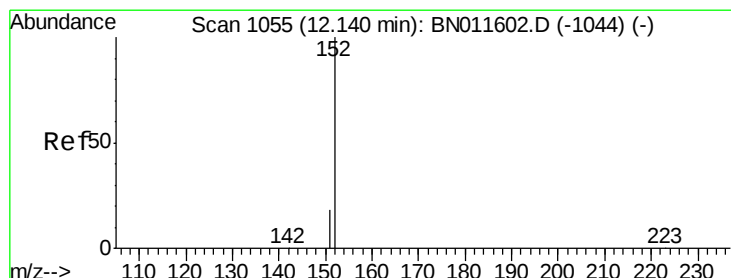
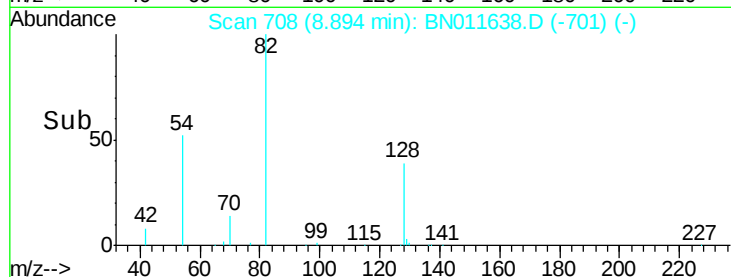
1000

500

0

8.80 8.85 8.90 8.95

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.244 ng

RT: 12.13 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BN011638.D

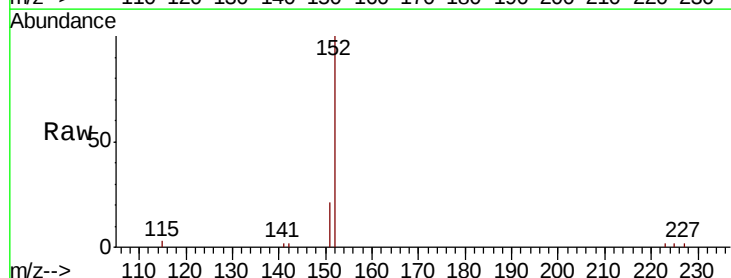
Acq: 26 Aug 2020 05:15

Tgt Ion: 152 Resp: 4339

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): BN011602.D (-1044) (-)

Ion 151.00 (150.70 to 151.70): BN011602.D (-1044) (-)

12.13

3000

2500

2000

1500

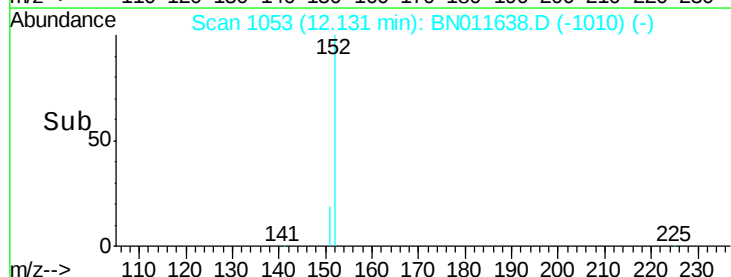
1000

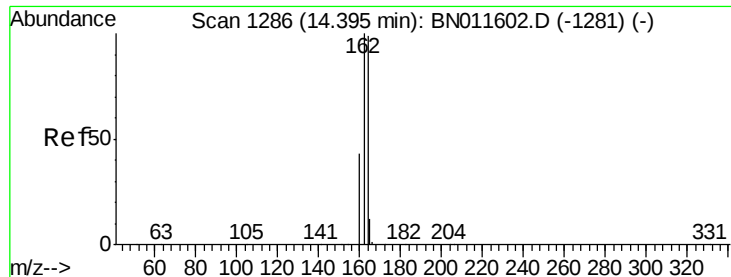
500

0

12.10 12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011638.D

Acq: 26 Aug 2020 05:15

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-478-480

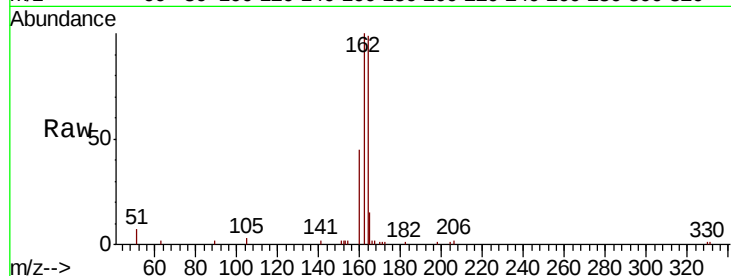
Tot Ion:164 Resp: 5928

Ion Ratio Lower Upper

164 100

162 101.2 80.8 121.2

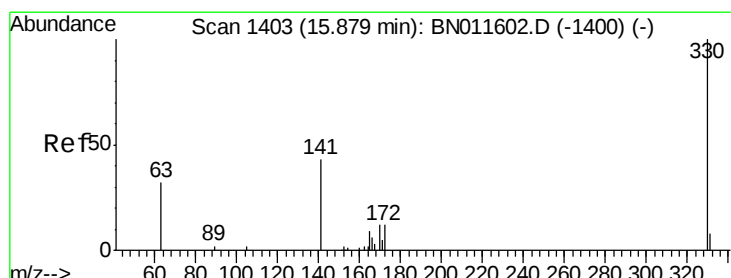
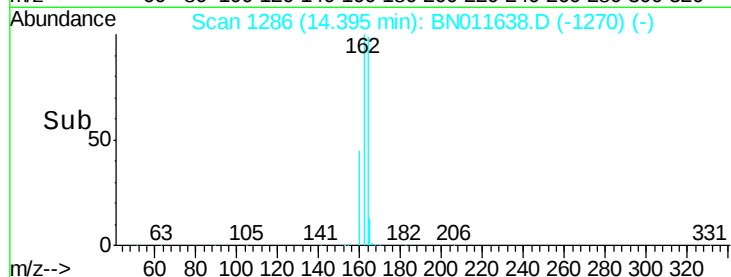
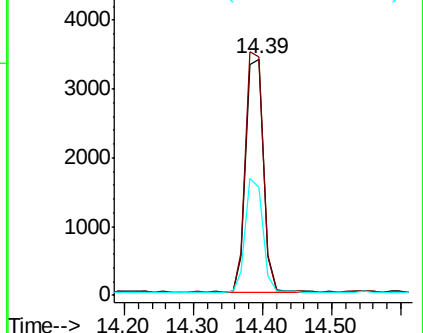
160 45.9 35.6 53.4



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: 0.247 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011638.D

Acq: 26 Aug 2020 05:15

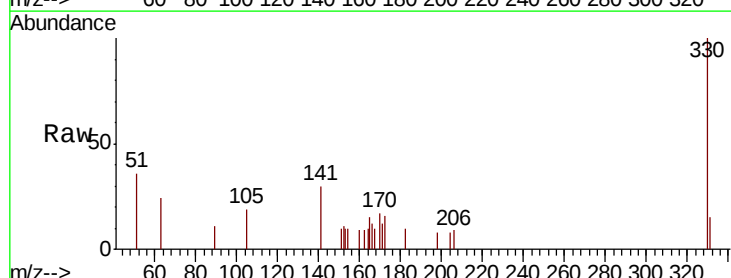
Tgt Ion:330 Resp: 805

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

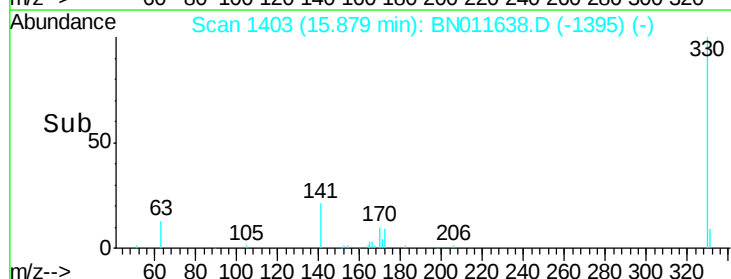
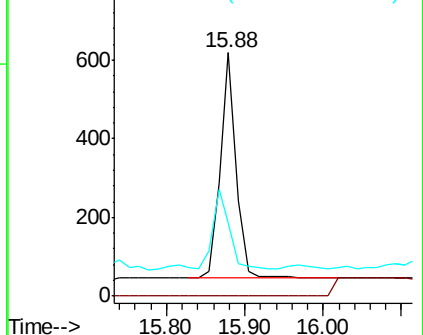
141 37.9 29.4 44.2

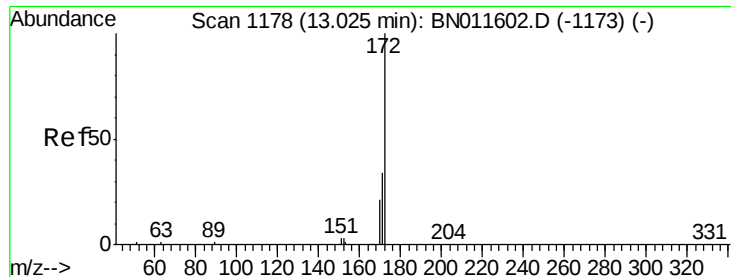


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

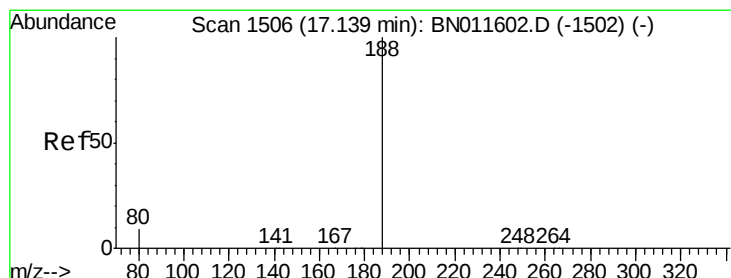
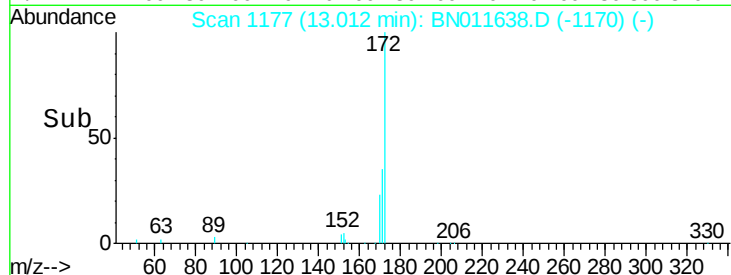
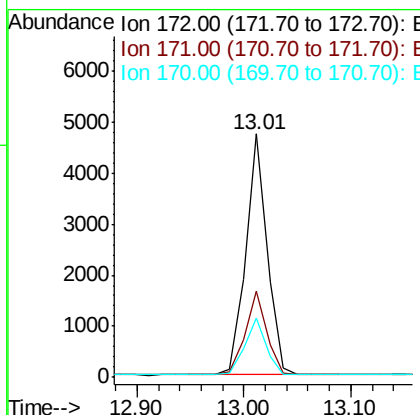
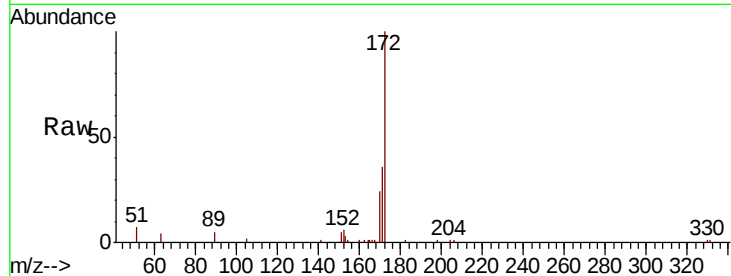




#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011638.D
Acq: 26 Aug 2020 05:15

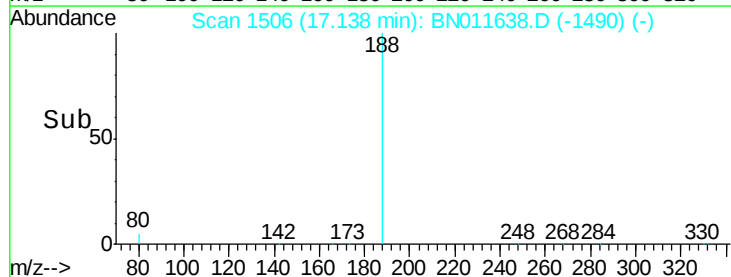
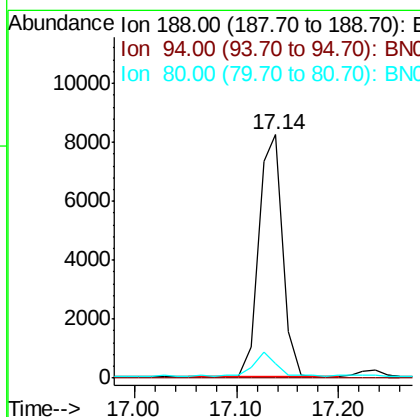
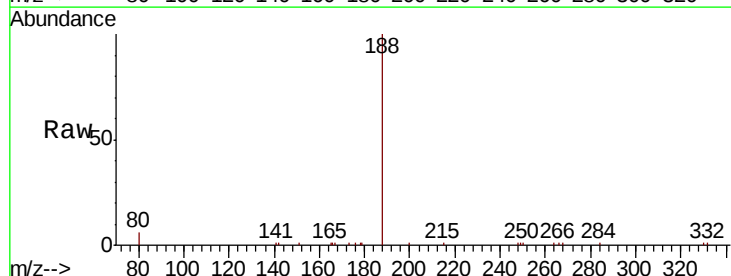
Instrument :
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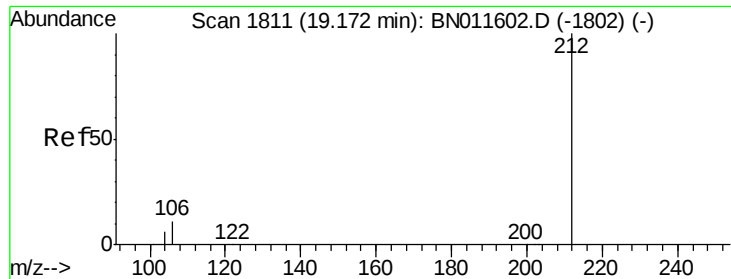
Tot Ion:172 Resp: 6596
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.3 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.14 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN011638.D
Acq: 26 Aug 2020 05:15

Tgt Ion:188 Resp: 13280
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.8 9.2 13.8#

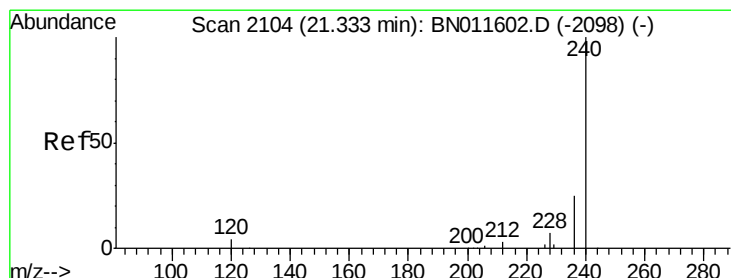
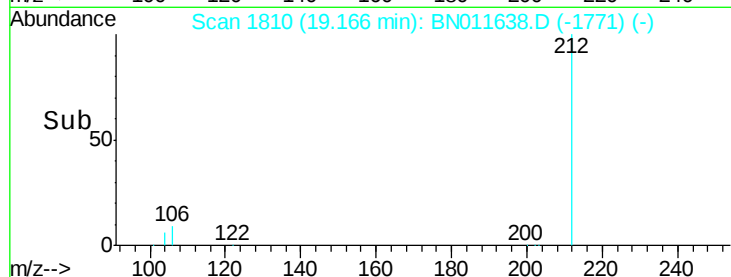
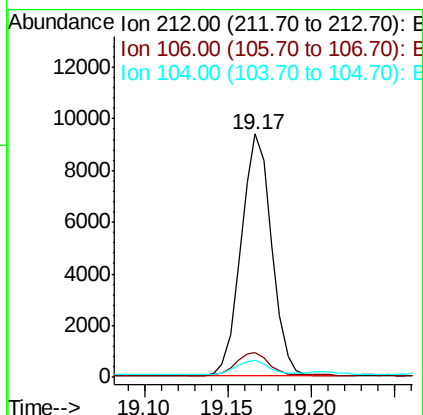
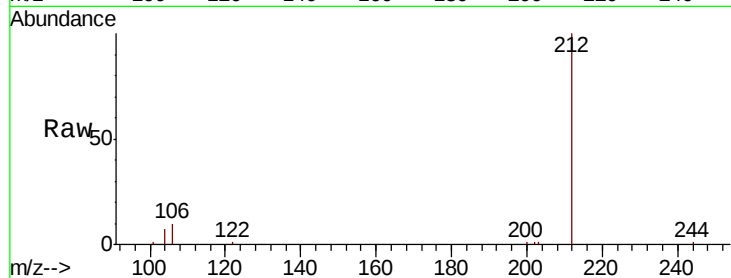




#27
Fluoranthene-d10
Concen: 0.277 ng
RT: 19.17 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BN011638.D
Acq: 26 Aug 2020 05:15

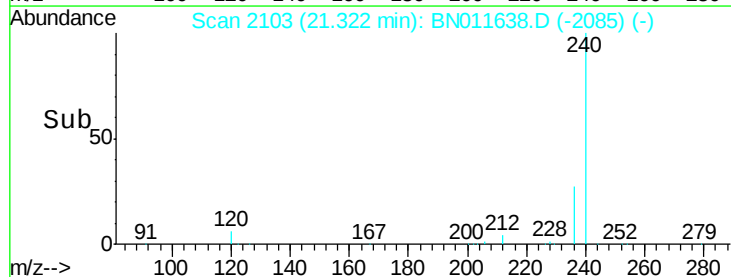
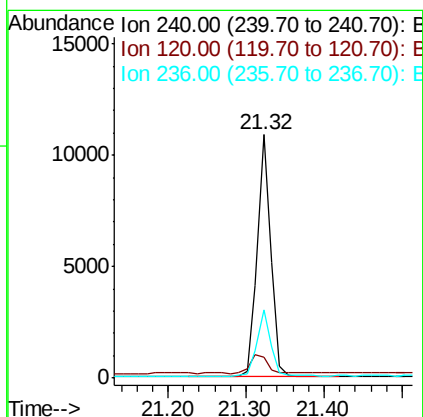
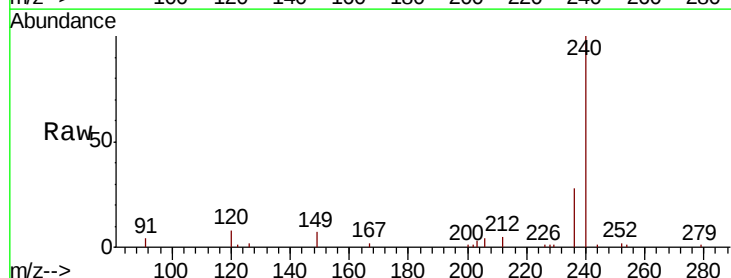
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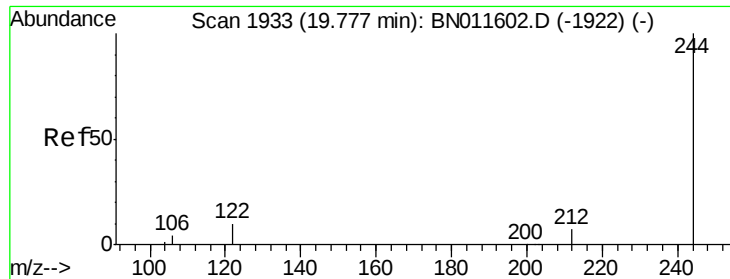
Tot Ion:212 Resp: 11994
Ion Ratio Lower Upper
212 100
106 9.8 8.9 13.3
104 6.0 5.3 7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011638.D
Acq: 26 Aug 2020 05:15

Tgt Ion:240 Resp: 13405
Ion Ratio Lower Upper
240 100
120 8.5 6.0 9.0
236 28.2 20.8 31.2





#31

Terphenyl-d14

Concen: 0.345 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN011638.D

Acq: 26 Aug 2020 05:15

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-478-480

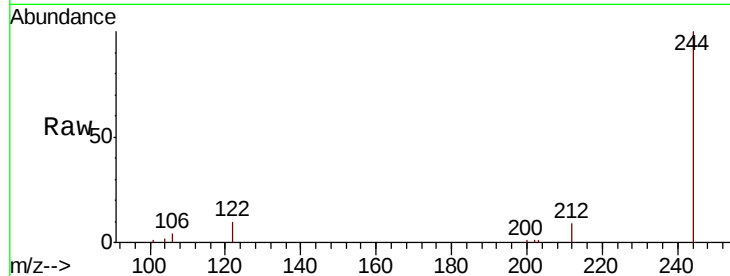
Tot Ion:244 Resp: 11817

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

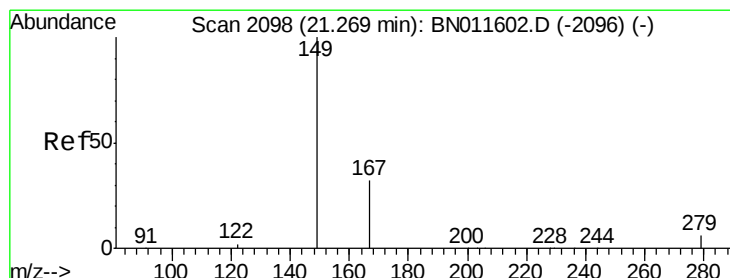
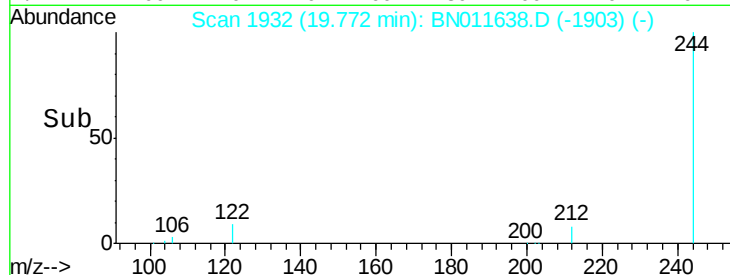
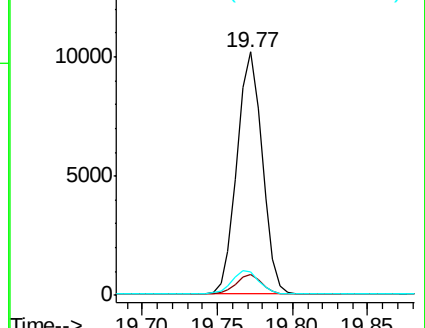
122 9.7 9.5 14.3



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: 0.586 ng

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011638.D

Acq: 26 Aug 2020 05:15

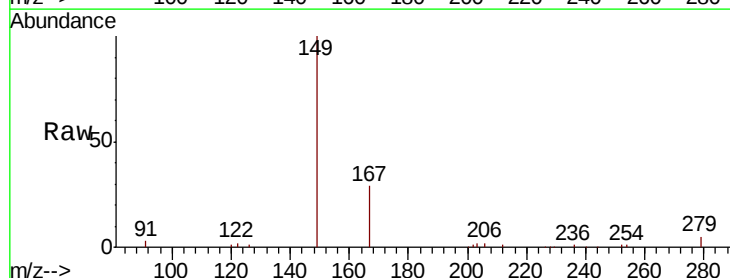
Tgt Ion:149 Resp: 17894

Ion Ratio Lower Upper

149 100

167 28.5 20.6 31.0

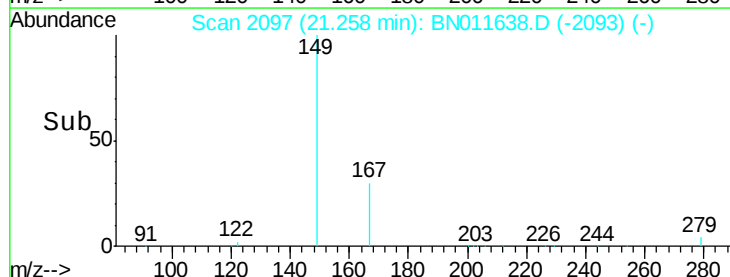
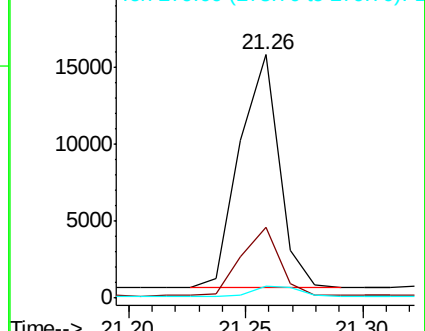
279 4.8 3.8 5.8

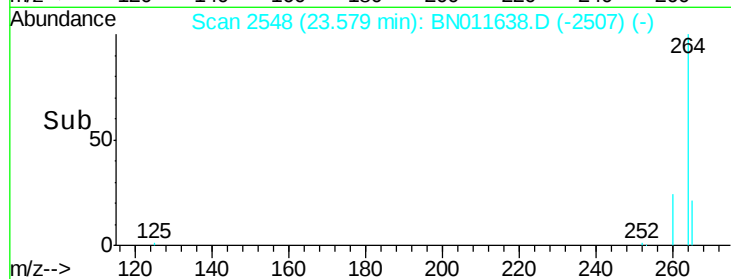
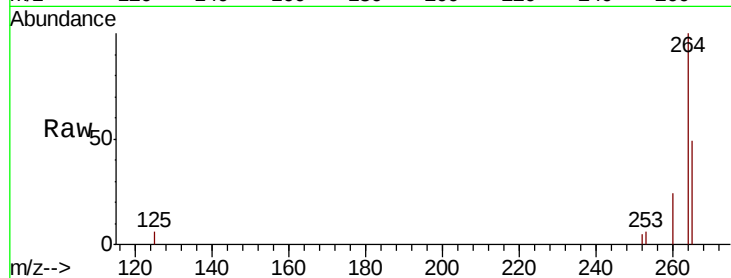
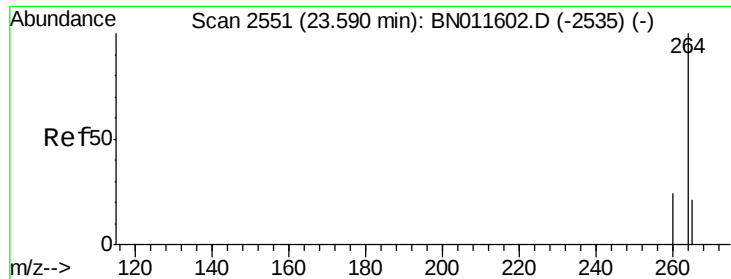


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#36

Pervlene-d12

Concen: 0.400 ng

RT: 23.58 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BN011638.D

Acq: 26 Aug 2020 05:15

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-478-480

Tot Ion: 264 Resp: 14509

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 48.5 40.7 61.1

