

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011583.D
 Acq On : 22 Aug 2020 12:06
 Operator : CG/JU
 Sample : L3718-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-238-240

Quant Time: Aug 24 01:23:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1470	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	5589	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	3641	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	7432	0.40	ng	0.00
29) Chrysene-d12	21.01	240	6244	0.40	ng	0.00
36) Perylene-d12	23.10	264	6125	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	704	0.22	ng	0.00
5) Phenol-d6	6.63	99	325	0.10	ng	0.00
8) Nitrobenzene-d5	8.54	82	1661	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	11.74	152	2506	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	660	0.36	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	8246	0.55	ng	-0.01
27) Fluoranthene-d10	18.83	212	7300	0.29	ng	0.00
31) Terphenyl-d14	19.45	244	11819	0.73	ng	0.00

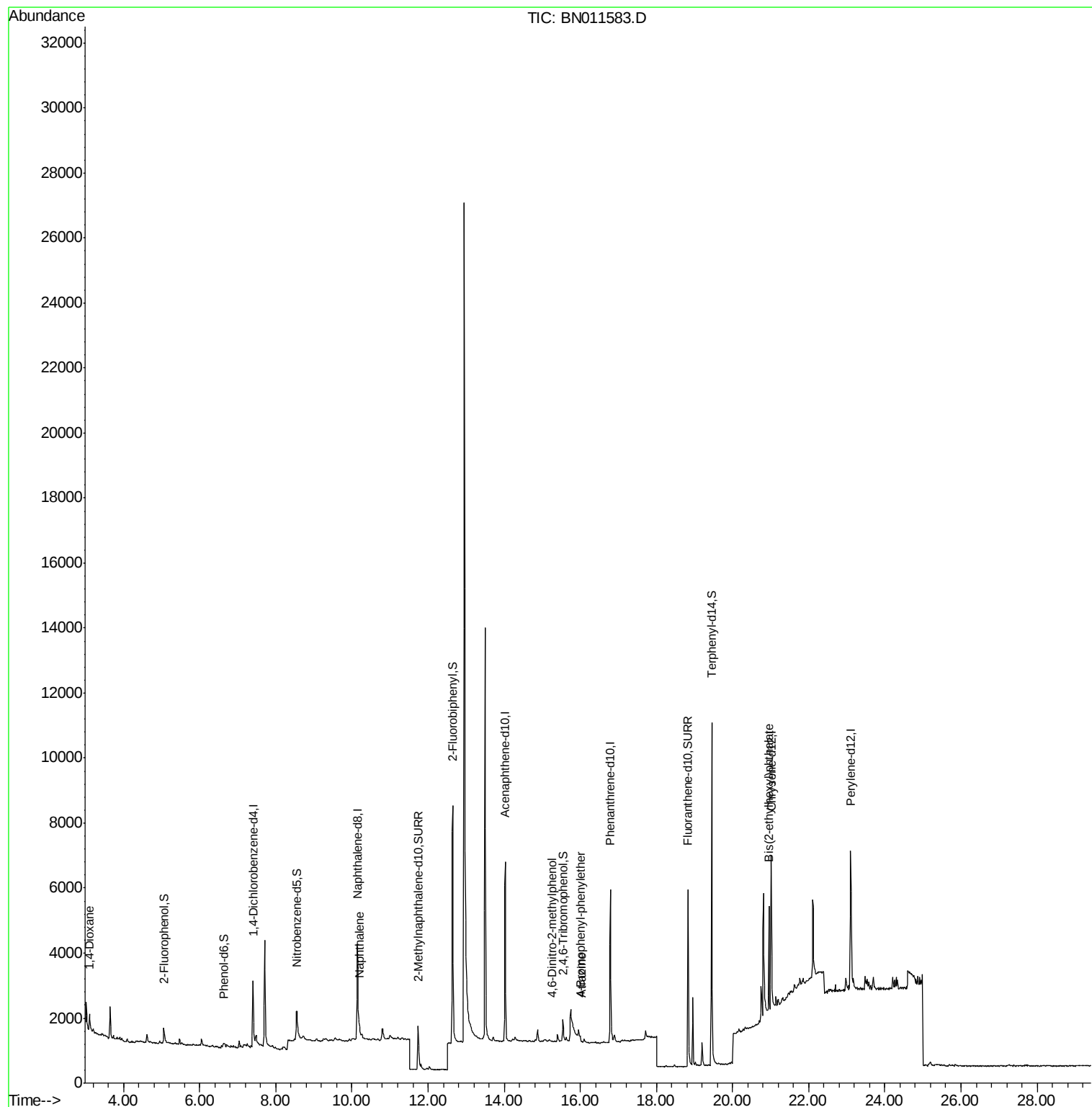
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	578	0.288	ng	# 100
9) Naphthalene	10.19	128	411	0.025	ng	# 56
20) 4,6-Dinitro-2-methylphenol	15.26	198	1	0.176	ng	# 22
21) 4-Bromophenyl-phenylether	16.02	248	169	0.104	ng	# 64
23) Atrazine	16.03	200	104	0.027	ng	# 14
34) Bis(2-ethylhexyl)phthalate	20.95	149	3083	0.331	ng	100

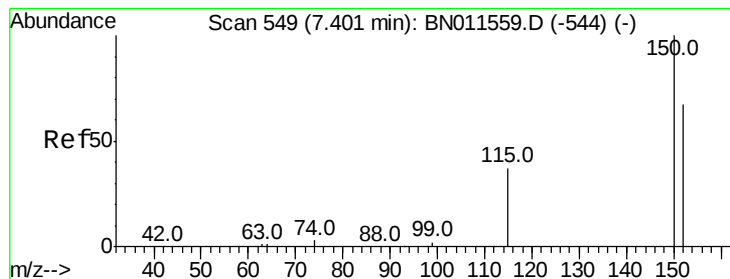
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 549

Delta R.T. 0.00 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-238-240

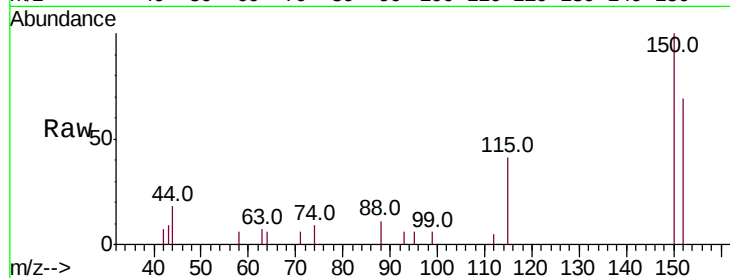
Tot Ion:152 Resp: 1470

Ion Ratio Lower Upper

152 100

150 144.2 117.1 175.7

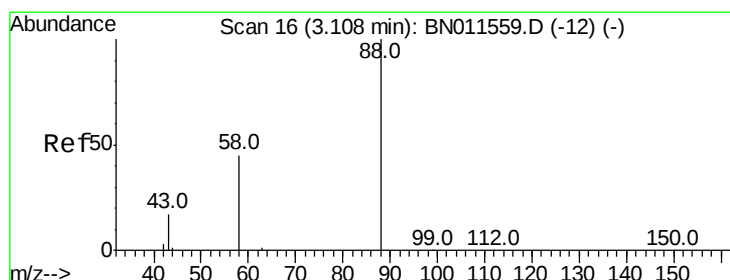
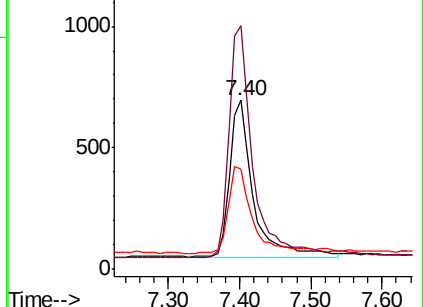
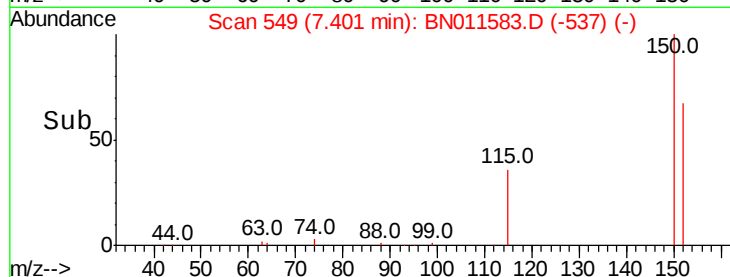
115 59.6 48.7 73.1



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: 0.288 ng

RT: 3.11 min Scan# 16

Delta R.T. 0.00 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

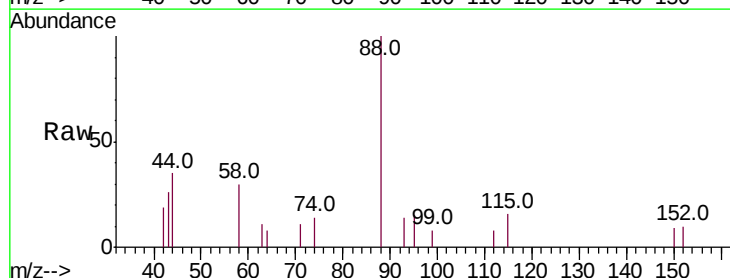
Tgt Ion: 88 Resp: 578

Ion Ratio Lower Upper

88 100

58 41.3 0.0 0.0#

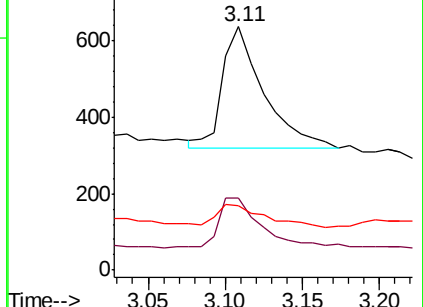
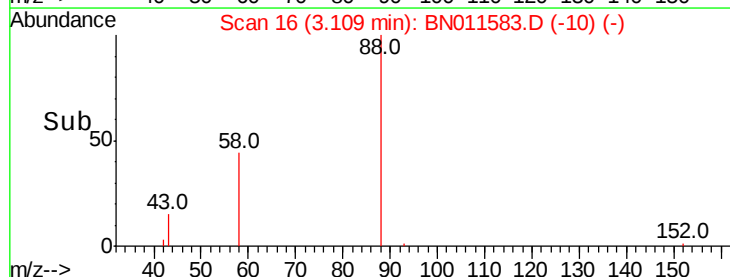
43 21.3 0.0 0.0#

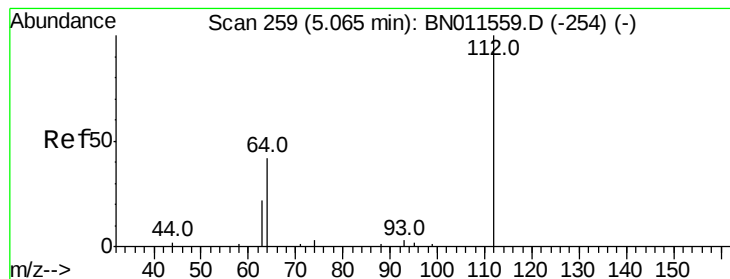


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.224 ng

RT: 5.06 min Scan# 258

Delta R.T. -0.01 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

Instrument :

BNA_N

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BP-VPB181-GW-238-240

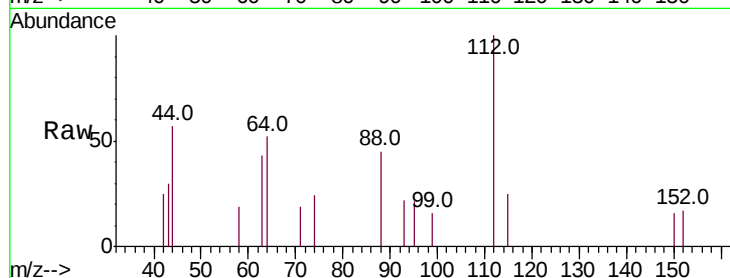
Tot Ion:112 Resp: 704

Ion Ratio Lower Upper

112 100

64 42.5 33.9 50.9

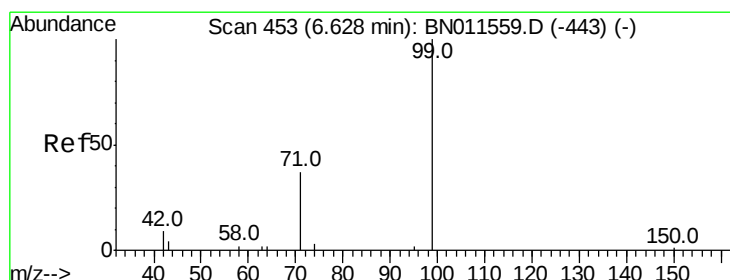
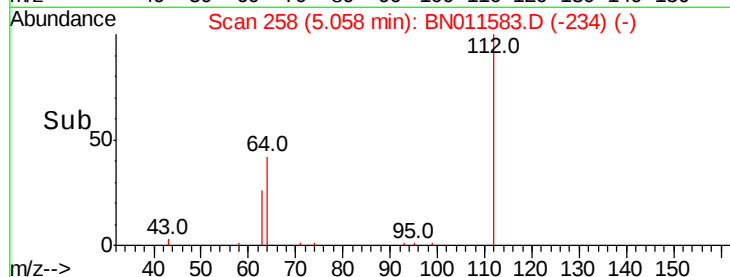
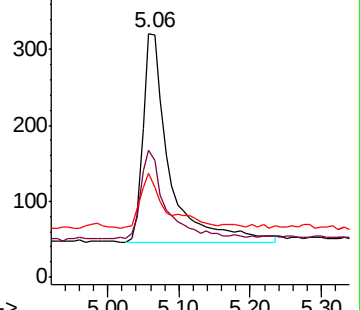
63 25.4 17.7 26.5



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: 0.103 ng

RT: 6.63 min Scan# 453

Delta R.T. 0.00 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

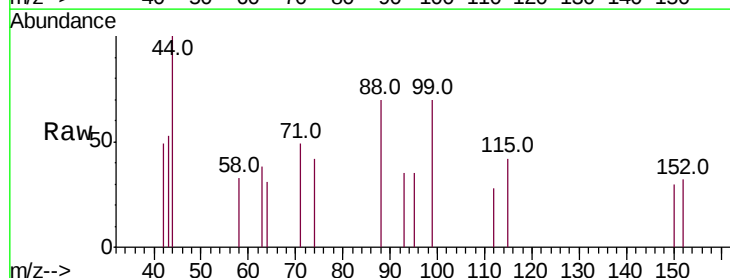
Tgt Ion: 99 Resp: 325

Ion Ratio Lower Upper

99 100

42 2.5 9.0 13.4#

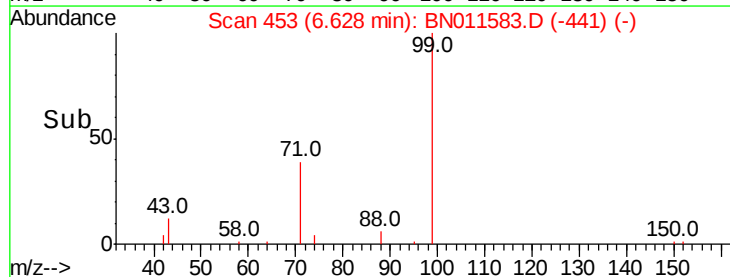
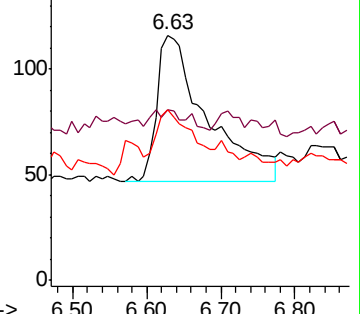
71 23.4 30.4 45.6#

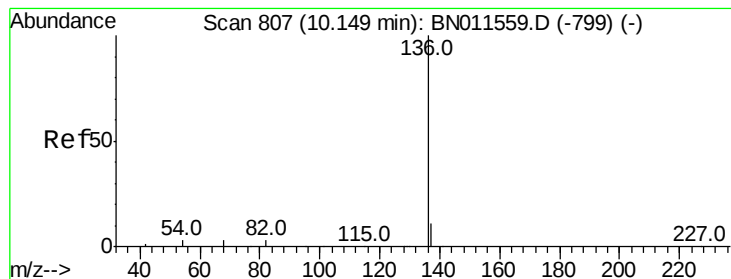


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-238-240

Tot Ion:136 Resp: 5589

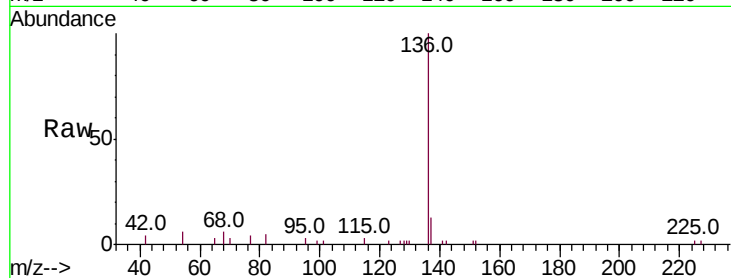
Ion Ratio Lower Upper

136 100

137 12.9 11.0 16.4

54 5.8 4.3 6.5

68 6.0 4.9 7.3

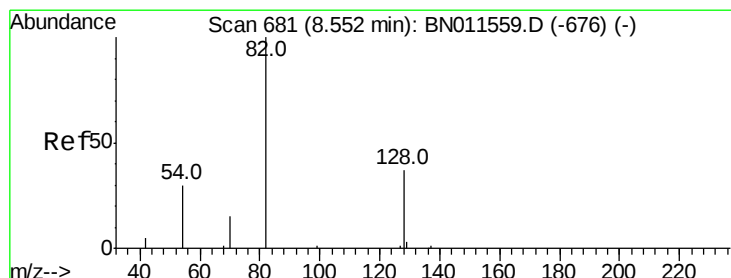
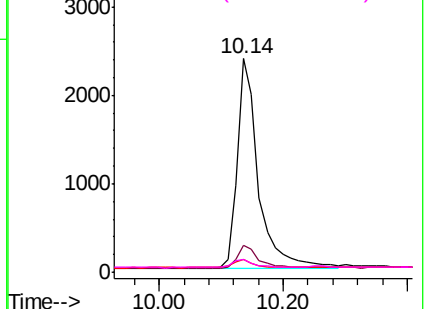
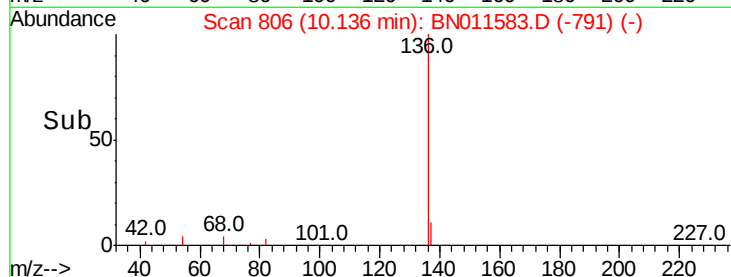


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.452 ng

RT: 8.54 min Scan# 680

Delta R.T. -0.01 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

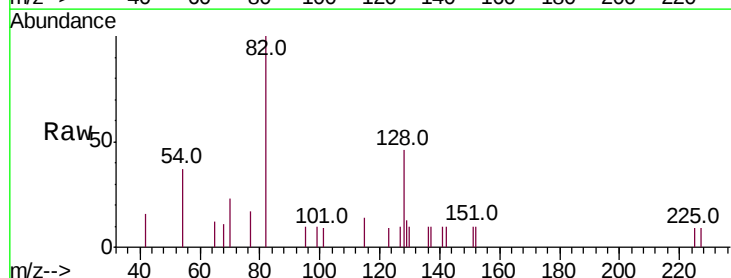
Tgt Ion: 82 Resp: 1661

Ion Ratio Lower Upper

82 100

128 45.5 41.7 62.5

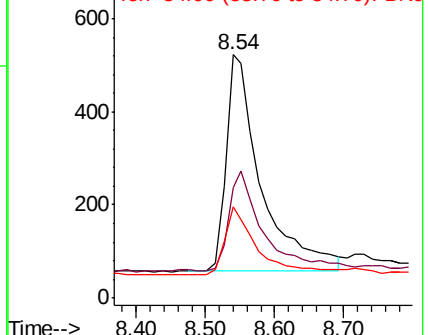
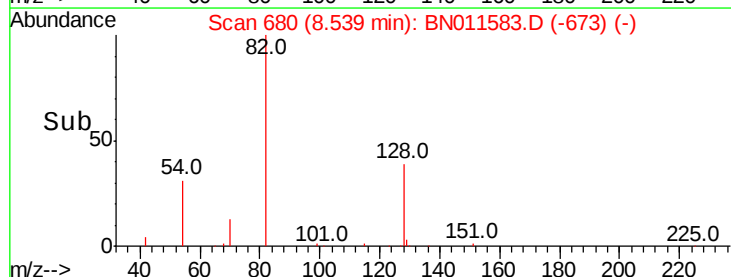
54 37.3 34.4 51.6

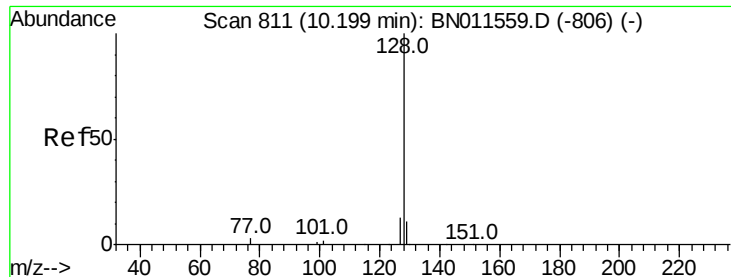


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.025 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-238-240

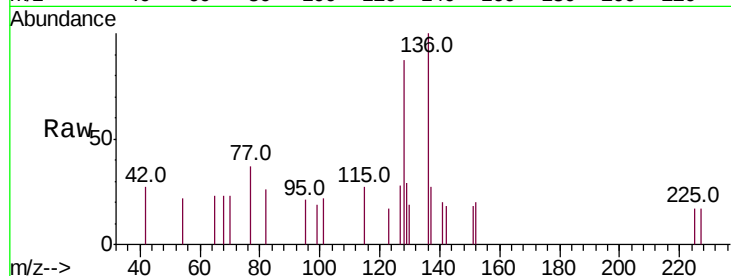
Tot Ion:128 Resp: 411

Ion Ratio Lower Upper

128 100

129 33.1 10.8 16.2#

127 32.2 12.3 18.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.19

250

200

150

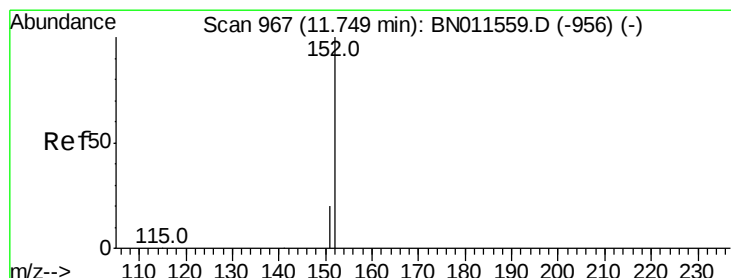
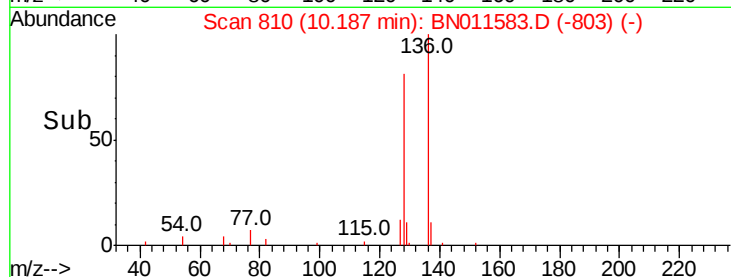
100

50

0

10.10 10.20 10.30

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.251 ng

RT: 11.74 min Scan# 965

Delta R.T. -0.01 min

Lab File: BN011583.D

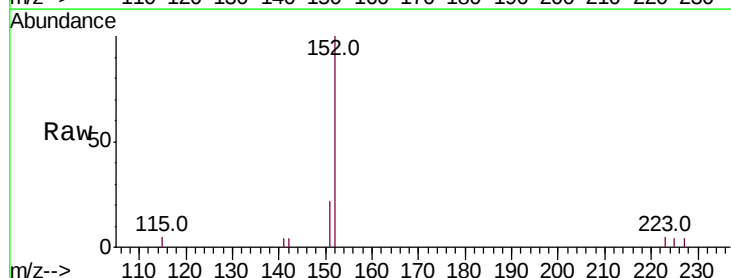
Acq: 22 Aug 2020 12:06

Tgt Ion:152 Resp: 2506

Ion Ratio Lower Upper

152 100

151 19.9 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

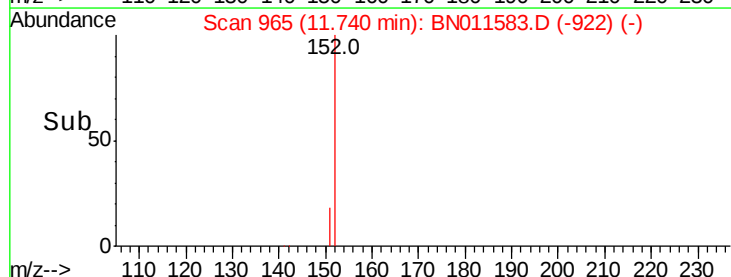
1000

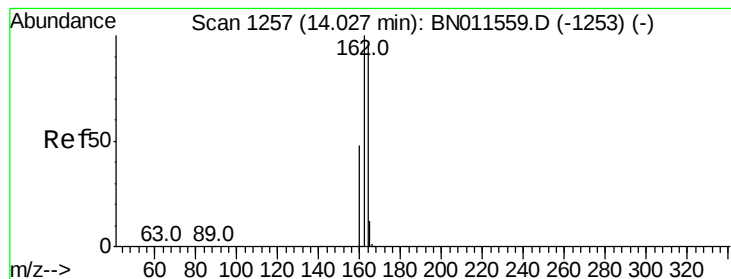
500

0

11.60 11.70 11.80 11.90

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-238-240

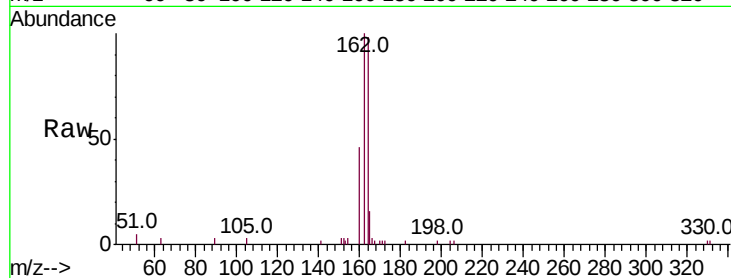
Tot Ion:164 Resp: 3641

Ion Ratio Lower Upper

164 100

162 102.1 83.7 125.5

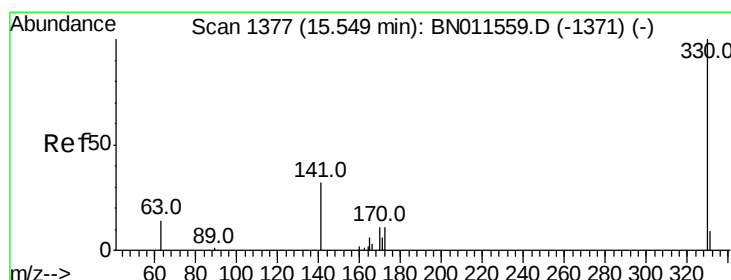
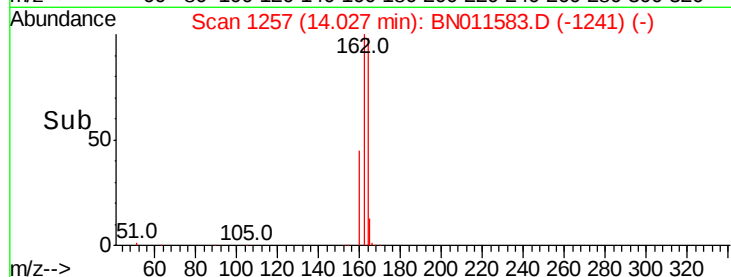
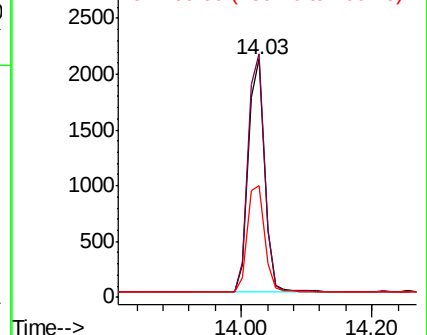
160 47.1 41.1 61.7



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: 0.364 ng

RT: 15.54 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

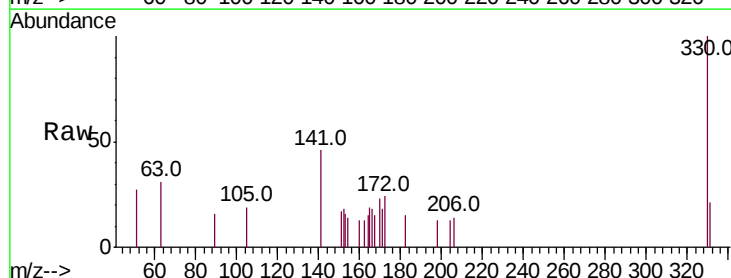
Tgt Ion:330 Resp: 660

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

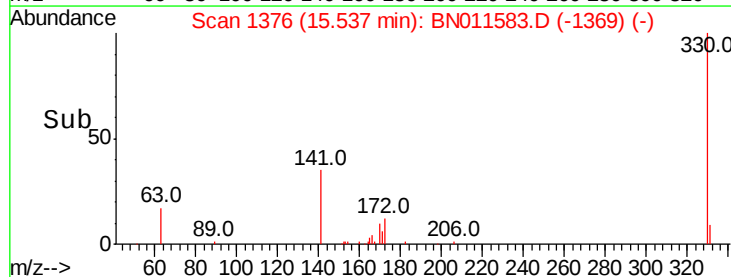
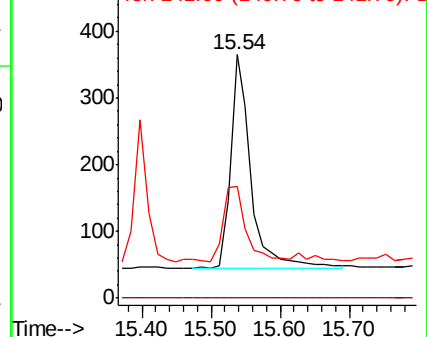
141 37.9 34.6 52.0

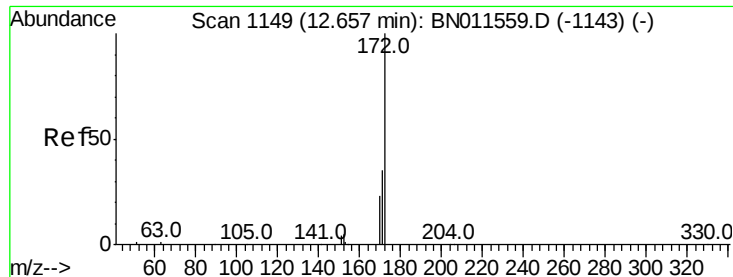


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

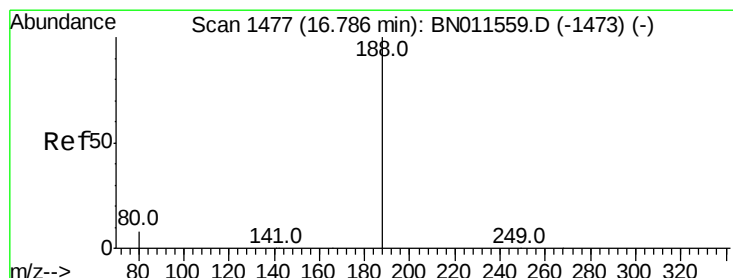
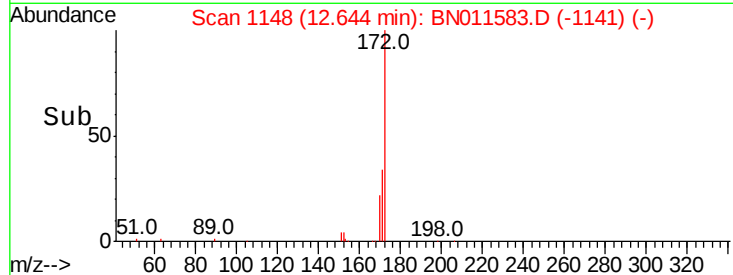
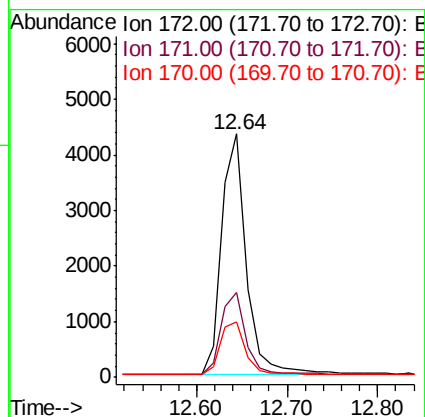
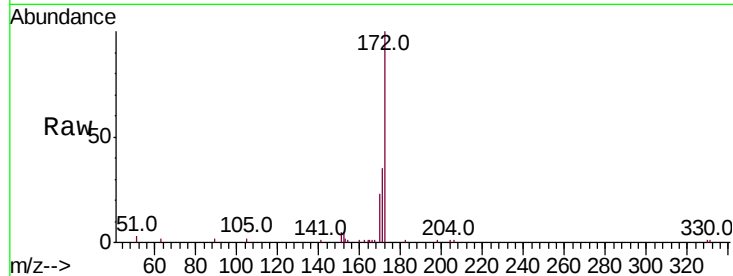




#15
 2-Fluorobiphenyl
 Concen: 0.551 ng
 RT: 12.64 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BN011583.D
 Acq: 22 Aug 2020 12:06

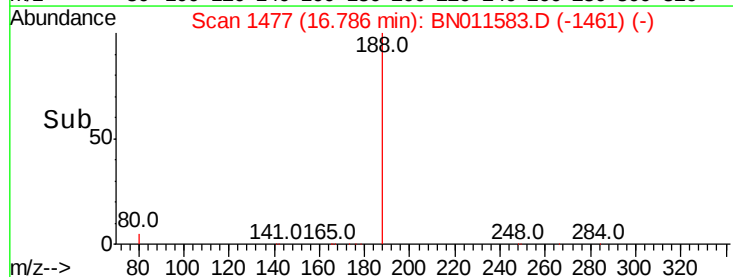
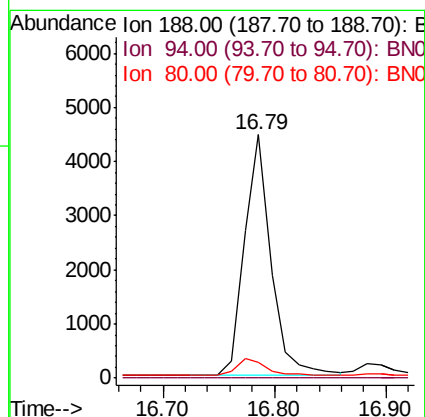
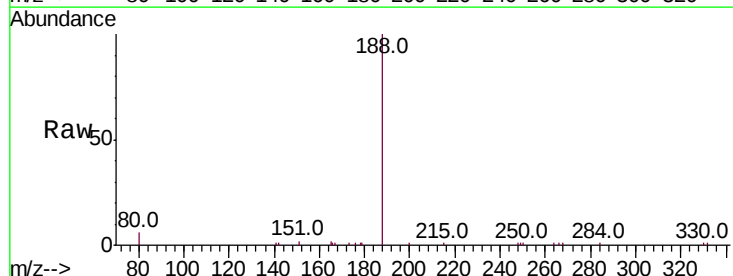
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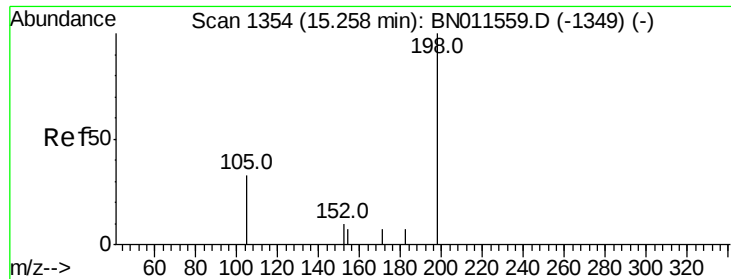
Tot Ion:172 Resp: 8246
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.4 44.0
 170 22.7 20.1 30.1



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.79 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BN011583.D
 Acq: 22 Aug 2020 12:06

Tgt Ion:188 Resp: 7432
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 6.4 7.6 11.4#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.176 ng

RT: 15.26 min Scan# 1354

Delta R.T. 0.00 min

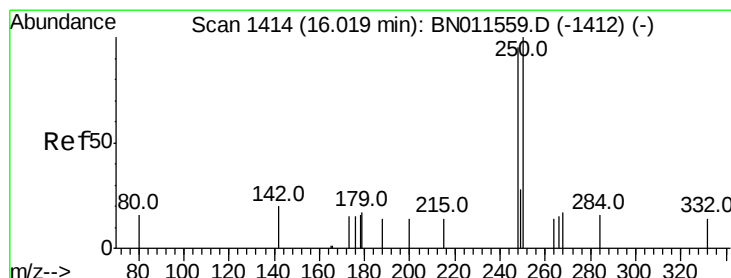
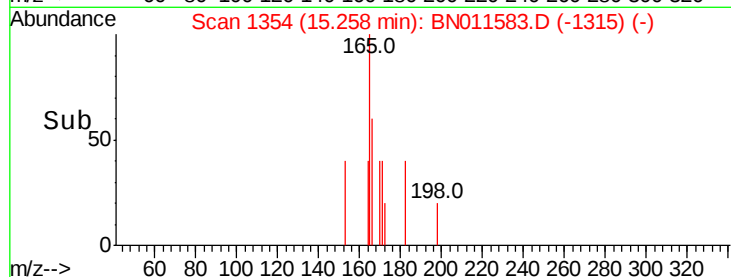
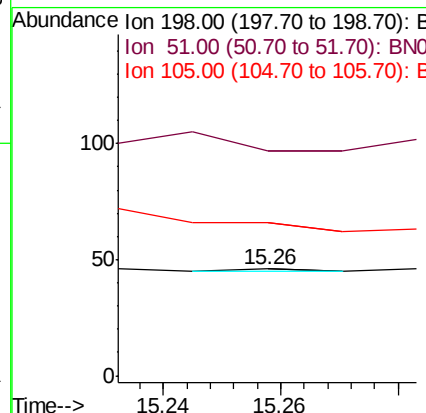
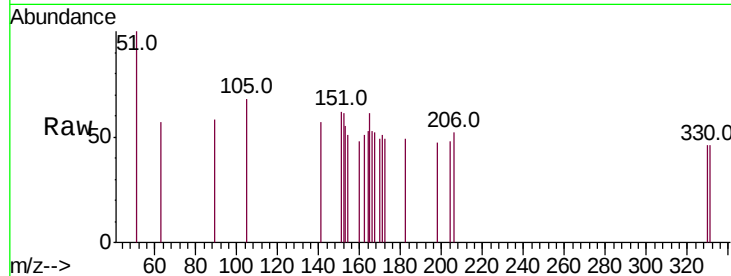
Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-238-240

Tot Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	210.9	89.4	134.2#
105	143.5	70.6	105.8#



#21

4-Bromophenyl-phenylether

Concen: 0.104 ng

RT: 16.02 min Scan# 1414

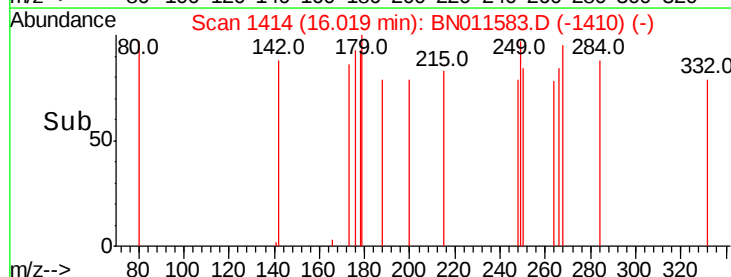
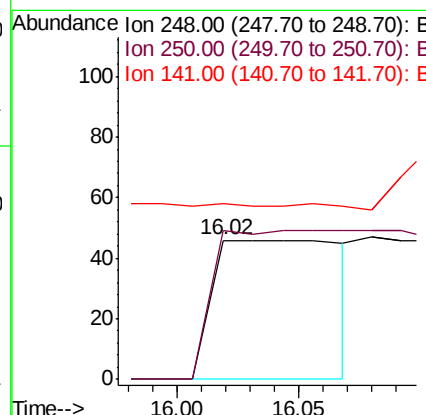
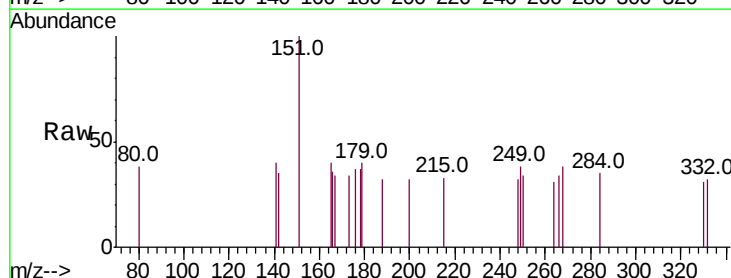
Delta R.T. 0.00 min

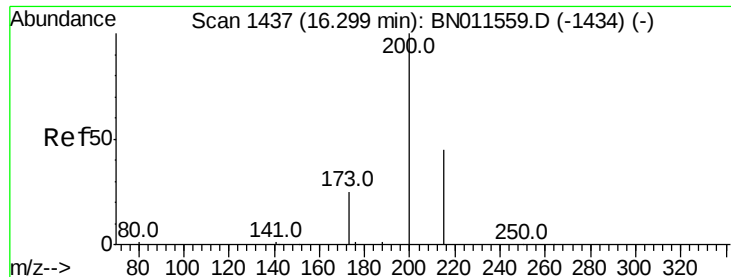
Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

Tgt Ion:248 Resp: 169

Ion	Ratio	Lower	Upper
248	100		
250	106.5	83.8	125.8
141	126.1	41.0	61.6#





#23

Atrazine

Concen: 0.027 ng

RT: 16.03 min Scan# 1415

Delta R.T. -0.27 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-238-240

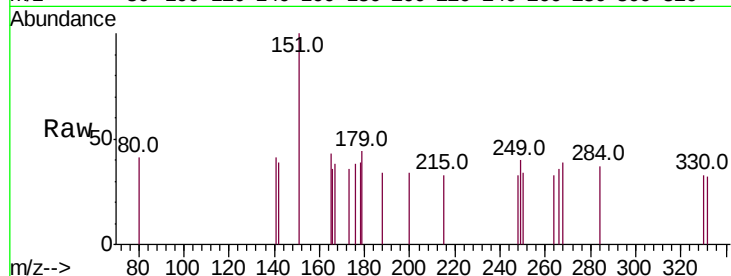
Tot Ion:200 Resp: 104

Ion Ratio Lower Upper

200 100

173 104.2 27.7 41.5#

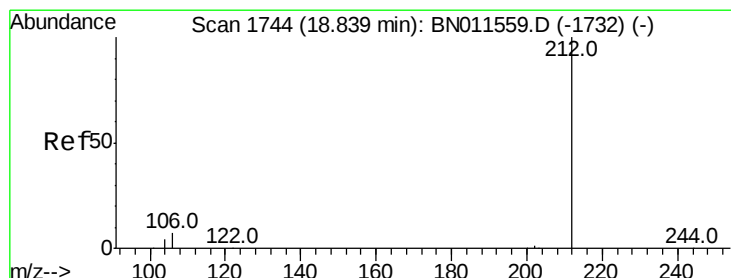
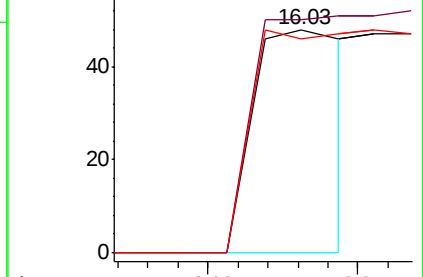
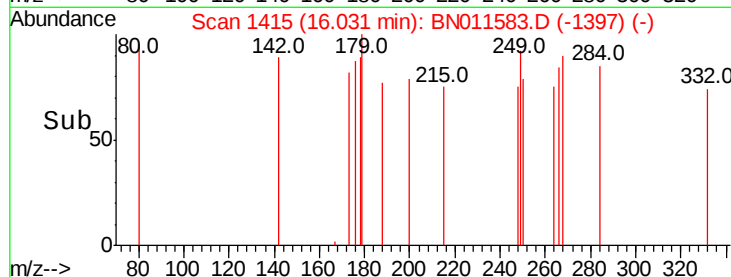
215 95.8 41.5 62.3#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#27

Fluoranthene-d10

Concen: 0.291 ng

RT: 18.83 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

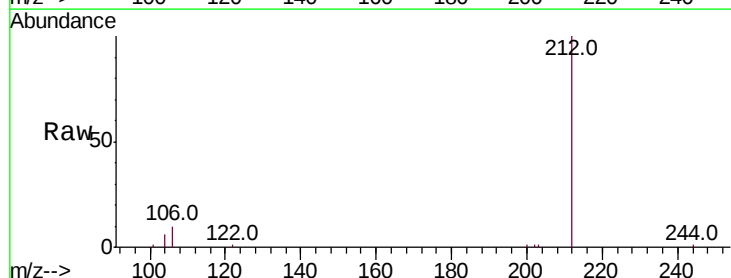
Tgt Ion:212 Resp: 7300

Ion Ratio Lower Upper

212 100

106 8.5 6.2 9.2

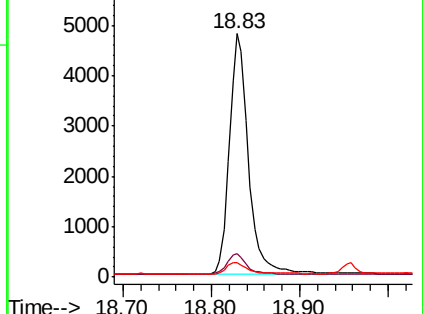
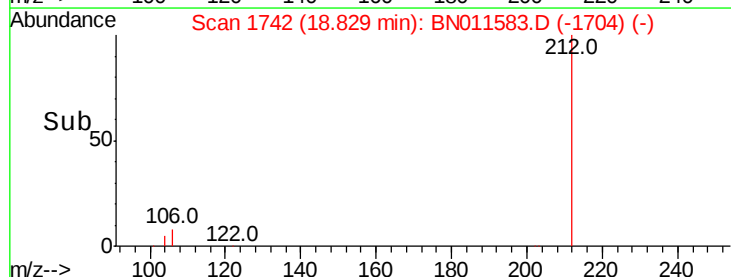
104 4.9 3.8 5.6

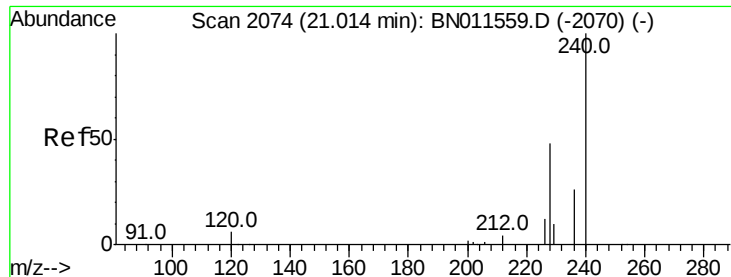


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.01 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-238-240

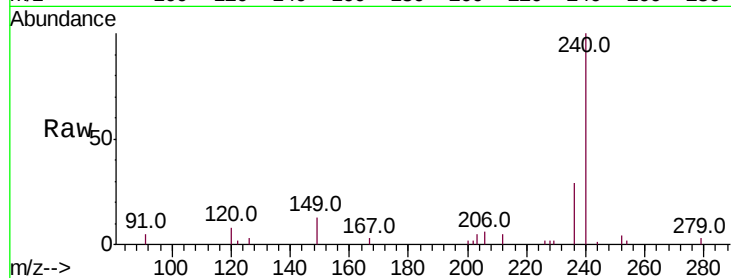
Tot Ion:240 Resp: 6244

Ion Ratio Lower Upper

240 100

120 7.6 7.4 11.0

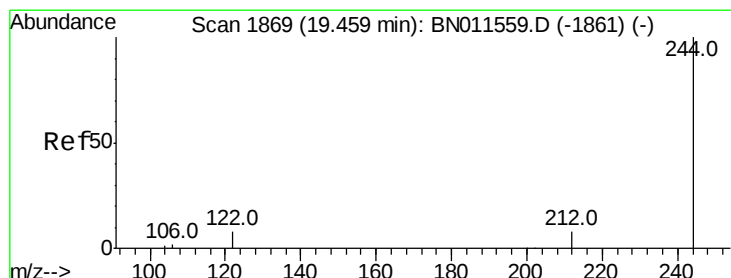
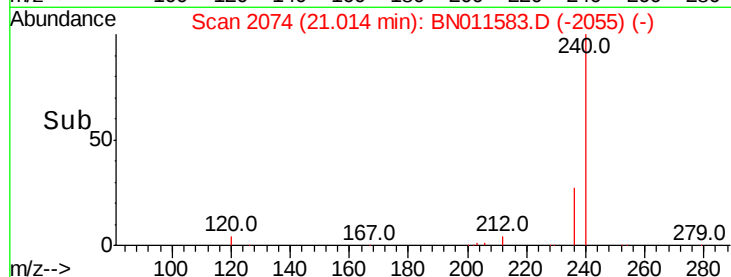
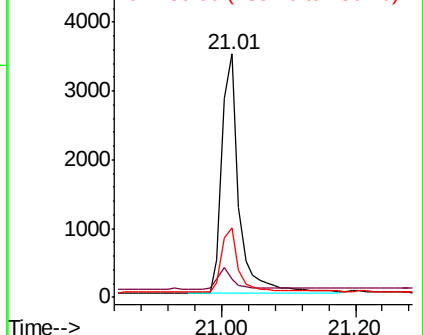
236 28.5 22.3 33.5



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: 0.726 ng

RT: 19.45 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

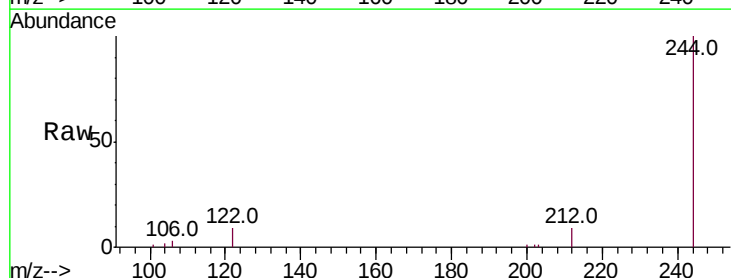
Tgt Ion:244 Resp: 11819

Ion Ratio Lower Upper

244 100

212 8.6 8.2 12.4

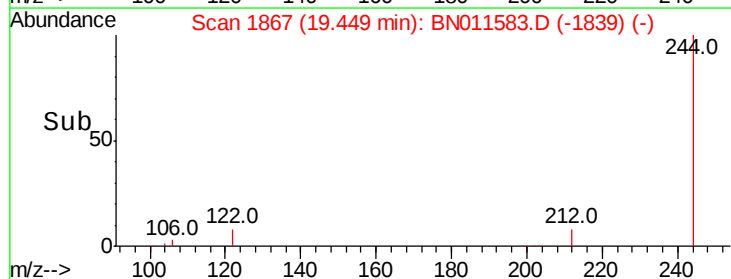
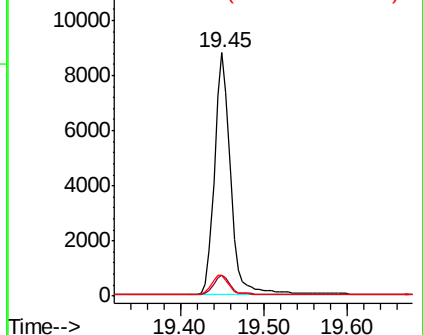
122 8.8 8.0 12.0

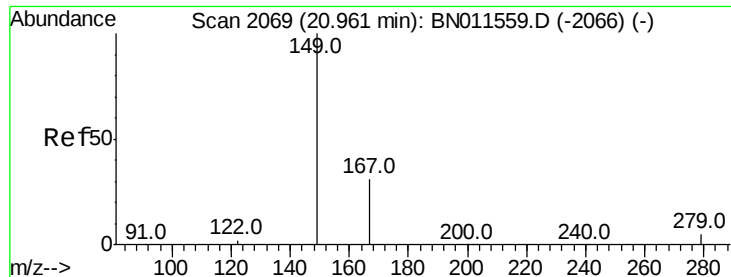


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.331 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-238-240

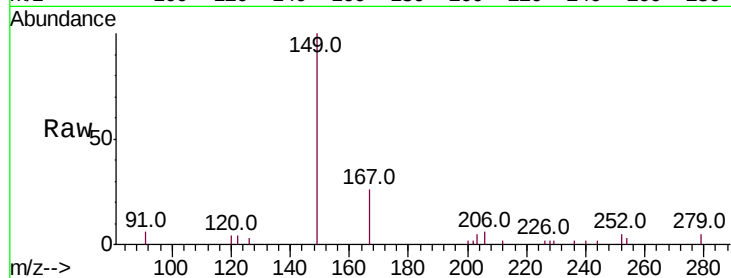
Tot Ion:149 Resp: 3083

Ion Ratio Lower Upper

149 100

167 28.5 22.8 34.2

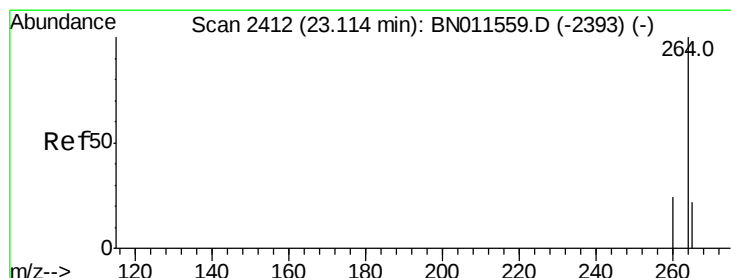
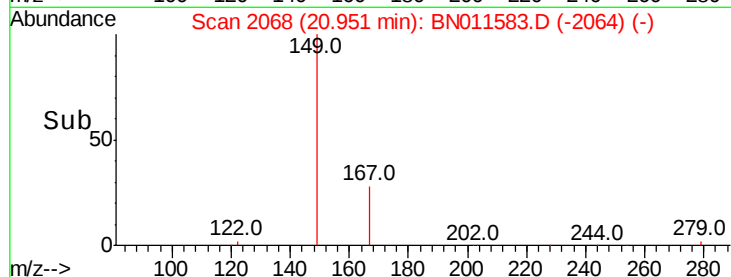
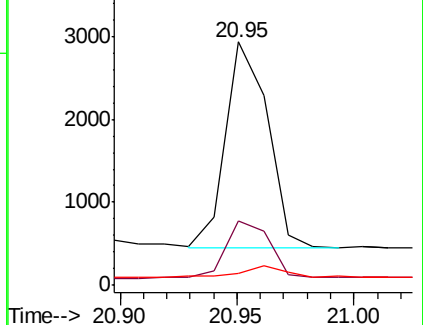
279 5.0 4.2 6.2



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: 23.10 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BN011583.D

Acq: 22 Aug 2020 12:06

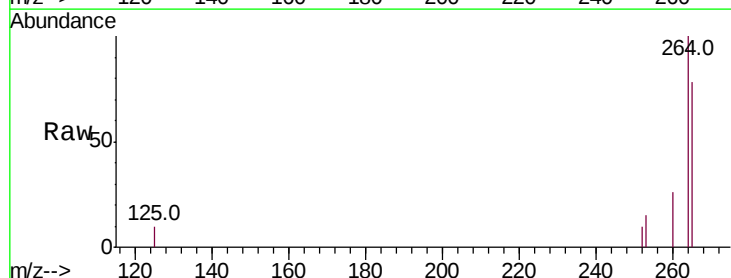
Tgt Ion:264 Resp: 6125

Ion Ratio Lower Upper

264 100

260 25.7 20.3 30.5

265 78.4 96.1 144.1#



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

