

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011576.D
 Acq On : 22 Aug 2020 07:53
 Operator : CG/JU
 Sample : L3718-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB181-GW-198-200

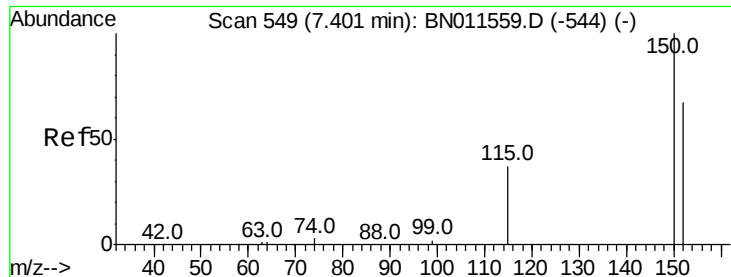
Quant Time: Aug 24 01:22:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1600	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	6403	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	4060	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	8929	0.40	ng	0.00
29) Chrysene-d12	21.01	240	8856	0.40	ng	0.00
36) Perylene-d12	23.10	264	8012	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	629	0.18	ng	0.00
5) Phenol-d6	6.63	99	303	0.09	ng	0.00
8) Nitrobenzene-d5	8.54	82	1961	0.47	ng	-0.01
11) 2-Methylnaphthalene-d10	11.74	152	2870	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	778	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	9003	0.54	ng	-0.01
27) Fluoranthene-d10	18.83	212	9905	0.33	ng	0.00
31) Terphenyl-d14	19.45	244	16311	0.71	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	233	0.107	ng	# 100
3) n-Nitrosodimethylamine	3.43	42	19	0.021	ng	# 7
9) Naphthalene	10.19	128	2718	0.146	ng	99
12) 2-Methylnaphthalene	11.81	142	652	0.051	ng	97
20) 4,6-Dinitro-2-methylphenol	15.24	198	3	0.177	ng	# 45
21) 4-Bromophenyl-phenylether	16.02	248	169	0.087	ng	# 60
23) Atrazine	16.07	200	347	0.075	ng	# 14
34) Bis(2-ethylhexyl)phthalate	20.95	149	6548	0.495	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 549

Delta R.T. 0.00 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

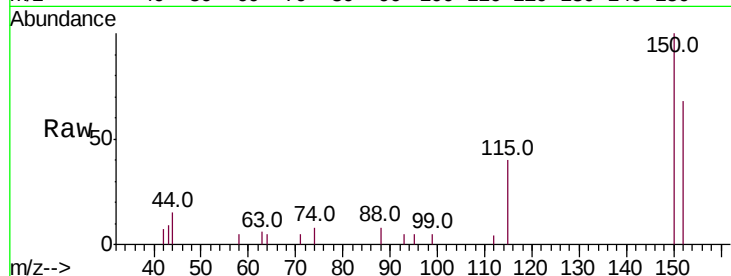
Tot Ion:152 Resp: 1600

Ion Ratio Lower Upper

152 100

150 146.4 117.1 175.7

115 58.2 48.7 73.1

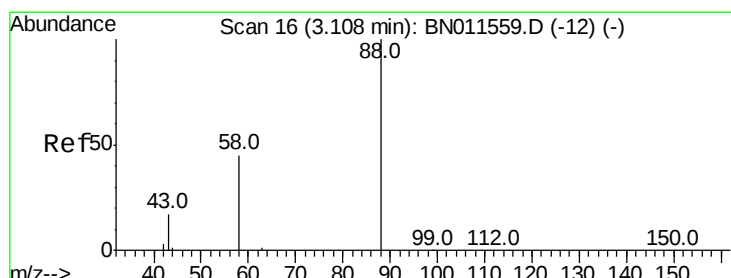
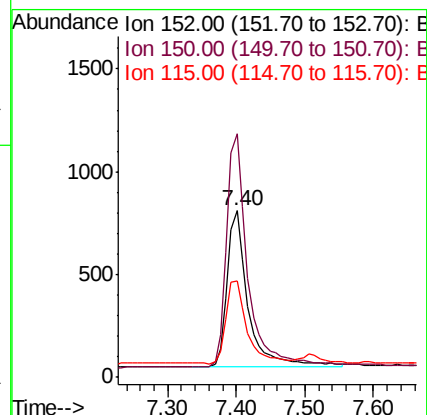
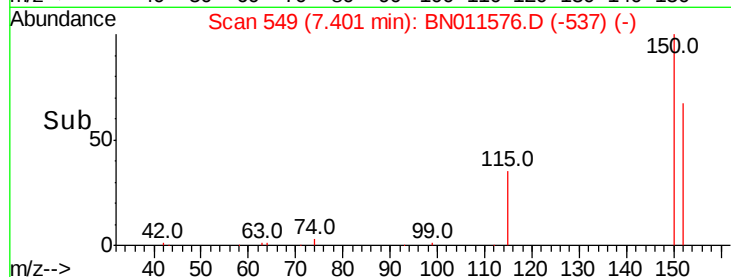


Abundance

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: 0.107 ng

RT: 3.11 min Scan# 16

Delta R.T. 0.00 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

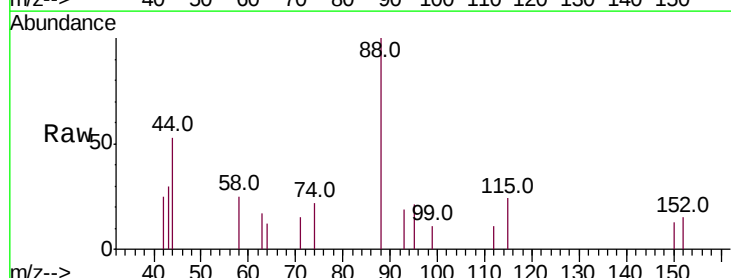
Tgt Ion: 88 Resp: 233

Ion Ratio Lower Upper

88 100

58 40.8 0.0 0.0#

43 21.9 0.0 0.0#

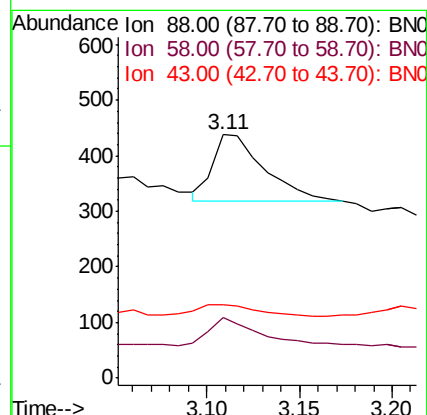
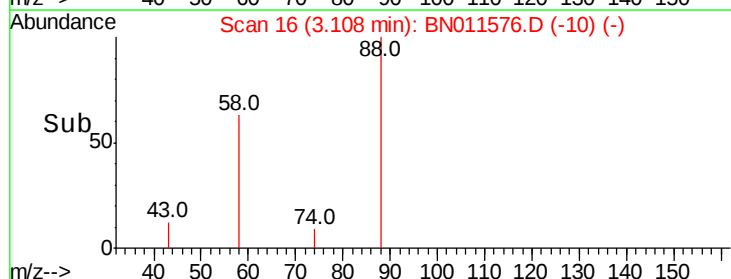


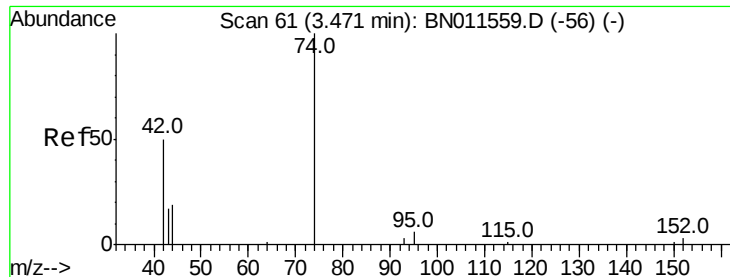
Abundance

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





#3

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.43 min Scan# 56

Delta R.T. -0.04 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

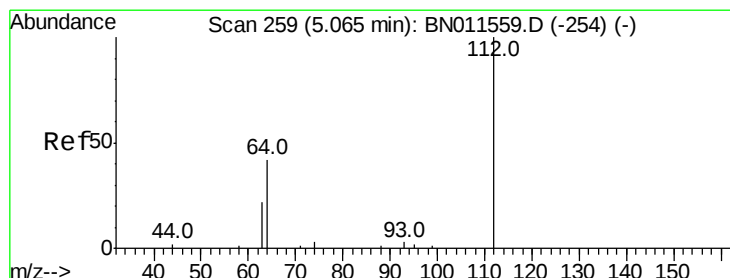
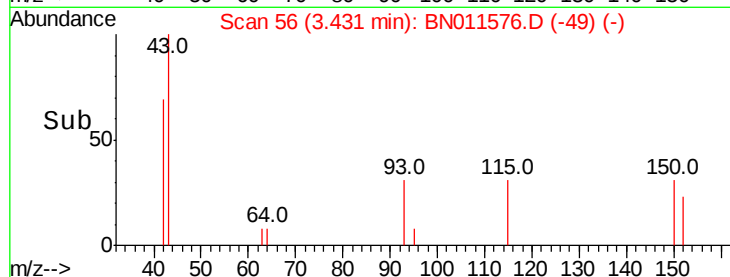
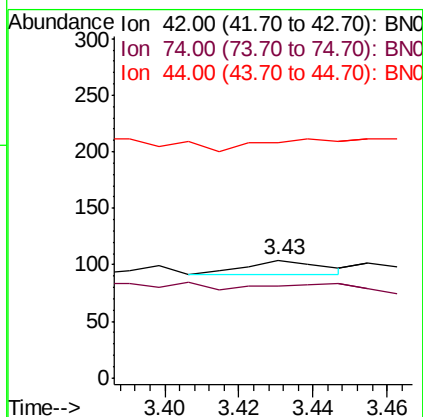
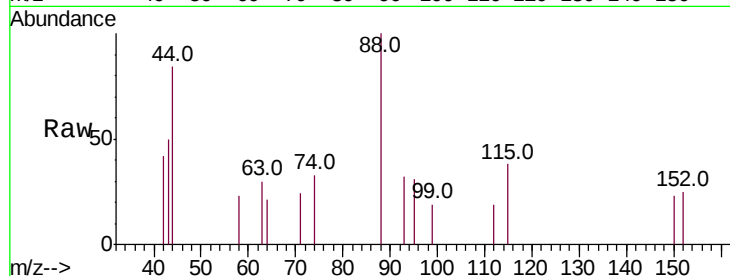
Tot Ion: 42 Resp: 19

Ion Ratio Lower Upper

42 100

74 57.9 169.0 253.4#

44 0.0 21.6 32.4#



#4

2-Fluorophenol

Concen: 0.184 ng

RT: 5.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

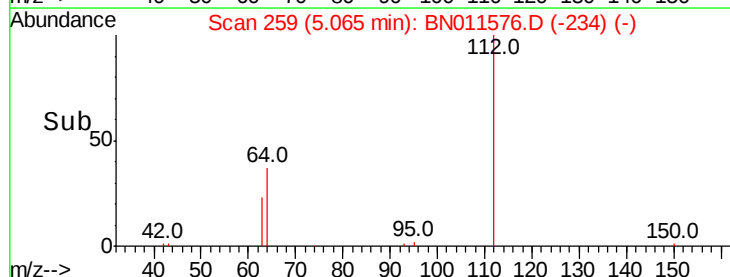
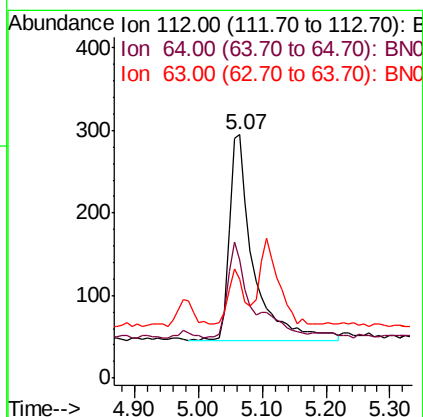
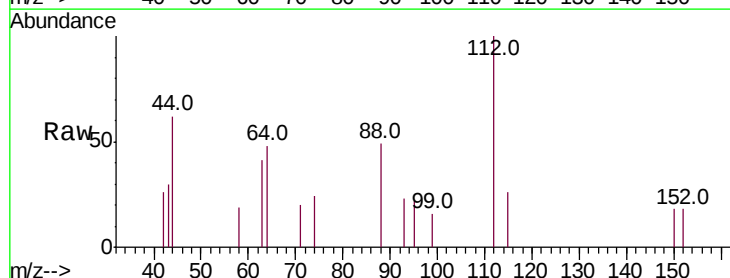
Tgt Ion: 112 Resp: 629

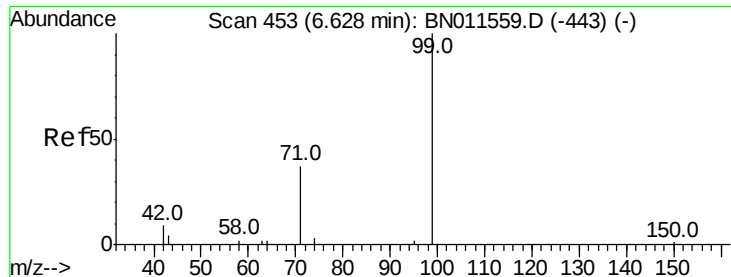
Ion Ratio Lower Upper

112 100

64 47.2 33.9 50.9

63 18.3 17.7 26.5





#5

Phenol-d6

Concen: 0.088 ng

RT: 6.63 min Scan# 453

Delta R.T. 0.00 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

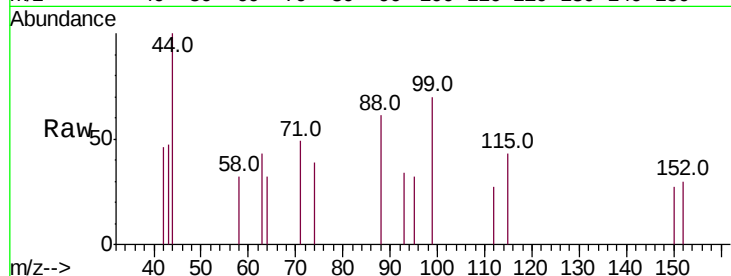
Tot Ion: 99 Resp: 303

Ion Ratio Lower Upper

99 100

42 20.8 9.0 13.4#

71 36.3 30.4 45.6



Abundance Ion 99.00 (98.70 to 99.70): BN011559.D (-443) (-)

Ion 42.00 (41.70 to 42.70): BN011559.D (-443) (-)

Ion 71.00 (70.70 to 71.70): BN011559.D (-443) (-)

6.63

150

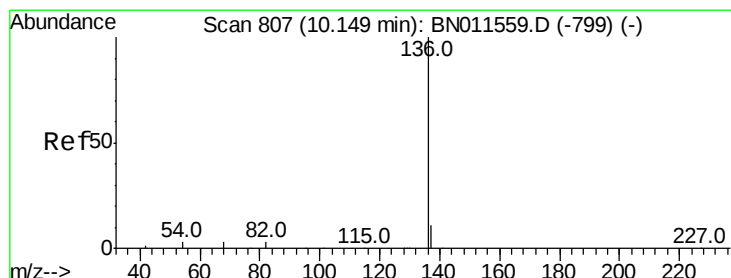
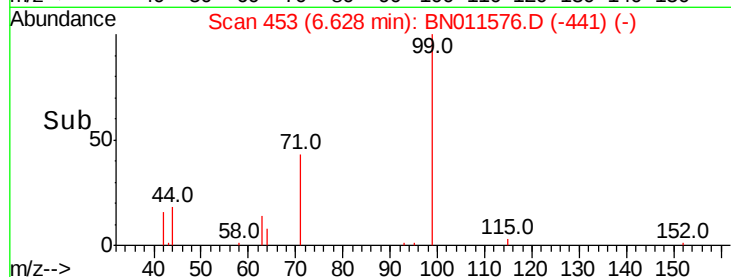
100

50

0

6.50 6.60 6.70 6.80

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Tgt Ion: 136 Resp: 6403

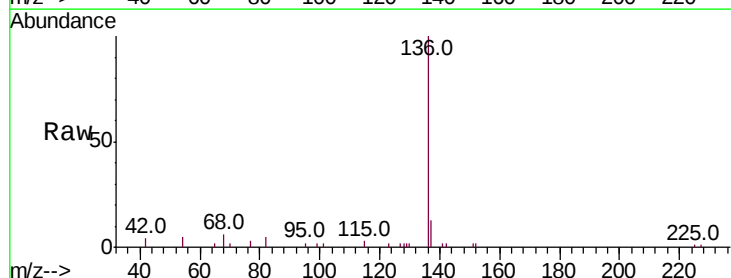
Ion Ratio Lower Upper

136 100

137 12.8 11.0 16.4

54 5.2 4.3 6.5

68 5.8 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BN011559.D (-799) (-)

Ion 137.00 (136.70 to 137.70): BN011559.D (-799) (-)

Ion 54.00 (53.70 to 54.70): BN011559.D (-799) (-)

Ion 68.00 (67.70 to 68.70): BN011559.D (-799) (-)

4000

3000

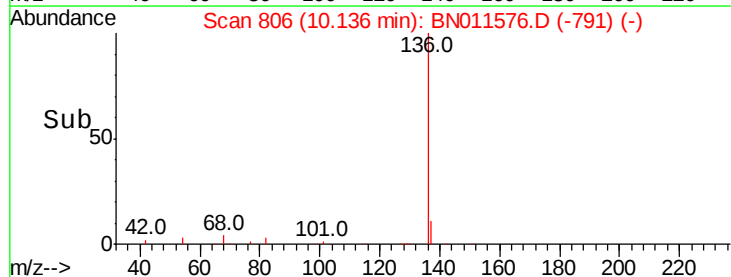
2000

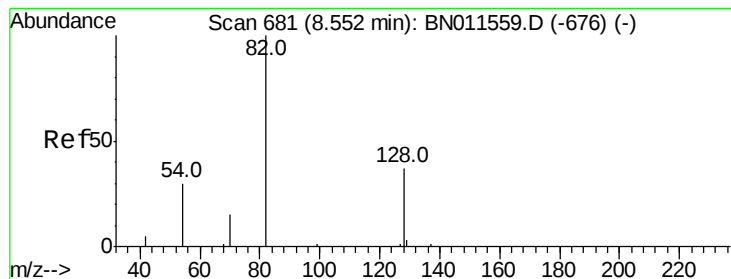
1000

0

10.00 10.20

Time-->





#8

Nitrobenzene-d5

Concen: 0.466 ng

RT: 8.54 min Scan# 680

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

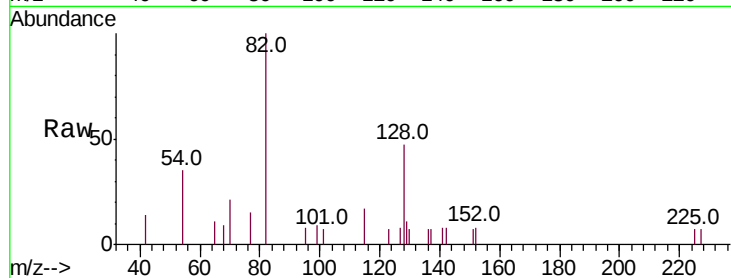
Tot Ion: 82 Resp: 1961

Ion Ratio Lower Upper

82 100

128 46.5 41.7 62.5

54 34.6 34.4 51.6



Abundance Ion 82.00 (81.70 to 82.70): BN011559.D (-676) (-)

Ion 128.00 (127.70 to 128.70): BN011559.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BN011559.D (-676) (-)

8.54

600

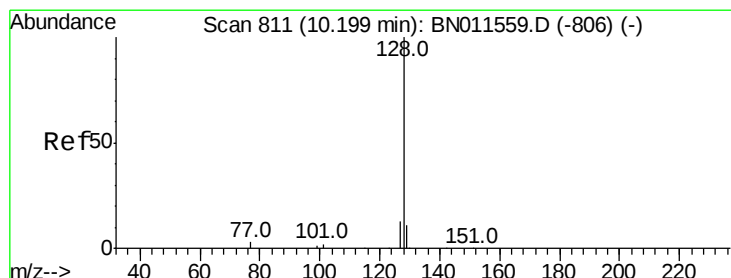
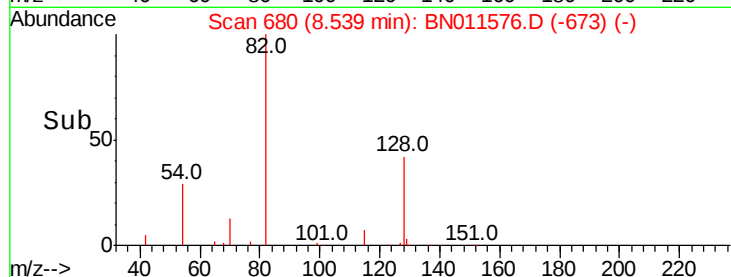
400

200

0

8.40 8.50 8.60 8.70

Time-->



#9

Naphthalene

Concen: 0.146 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

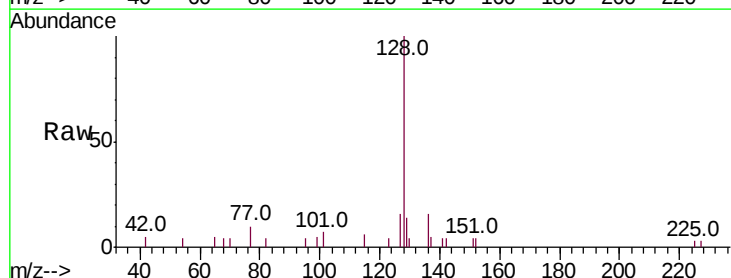
Tgt Ion: 128 Resp: 2718

Ion Ratio Lower Upper

128 100

129 13.9 10.8 16.2

127 16.1 12.3 18.5



Abundance Ion 128.00 (127.70 to 128.70): BN011559.D (-806) (-)

Ion 129.00 (128.70 to 129.70): BN011559.D (-806) (-)

Ion 127.00 (126.70 to 127.70): BN011559.D (-806) (-)

10.19

1500

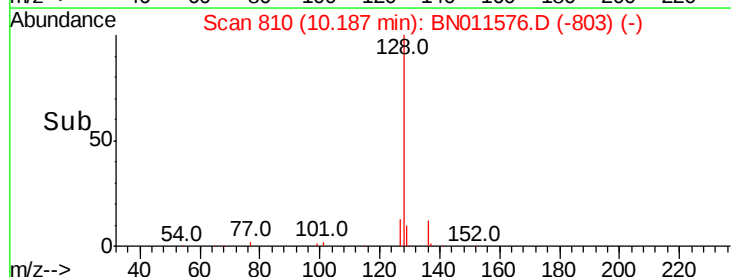
1000

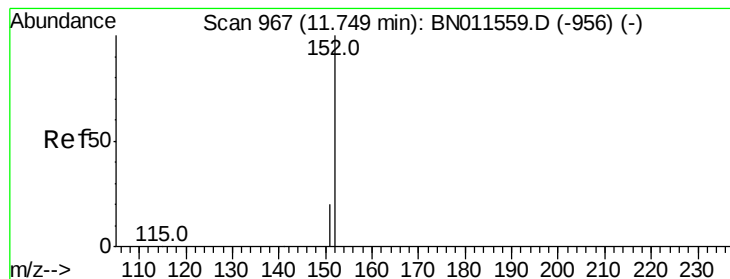
500

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: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

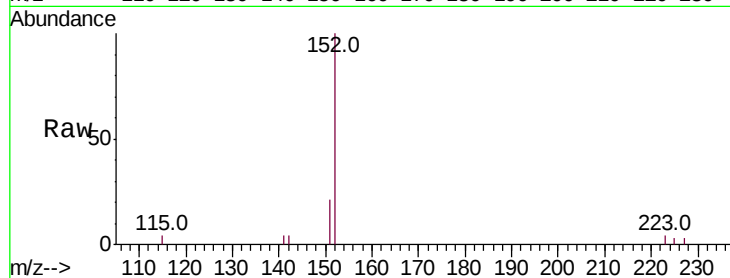
BP-VPB181-GW-198-200

Tot Ion:152 Resp: 2870

Ion Ratio Lower Upper

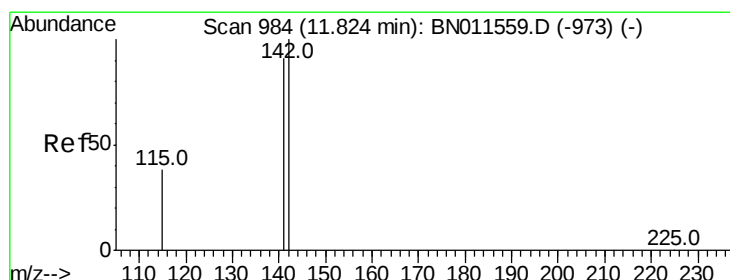
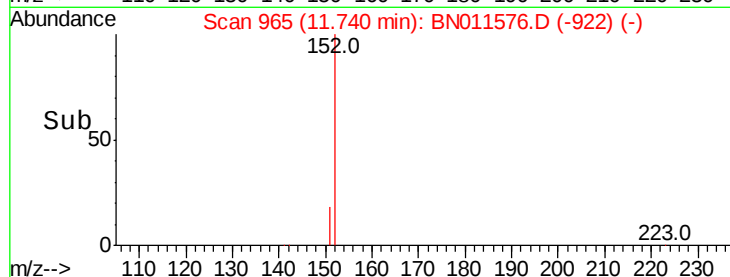
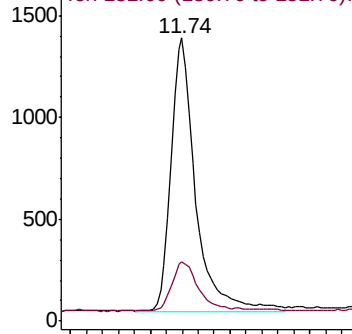
152 100

151 19.1 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.051 ng

RT: 11.81 min Scan# 981

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

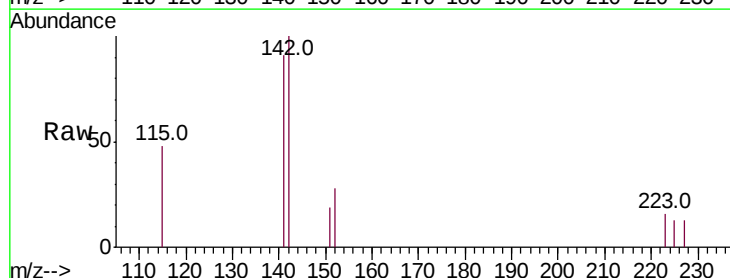
Tgt Ion:142 Resp: 652

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.6

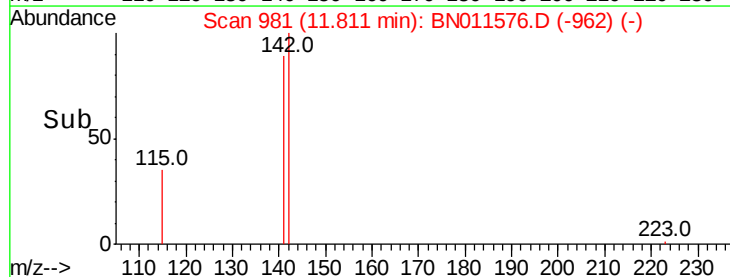
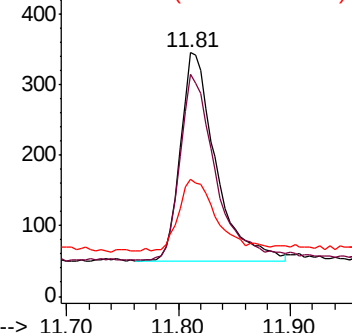
115 48.1 33.4 50.0

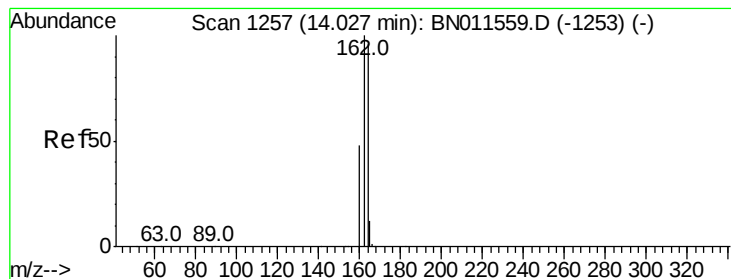


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

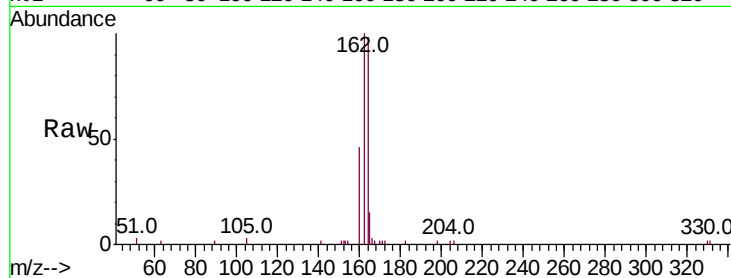
BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

Tot Ion:164 Resp: 4060

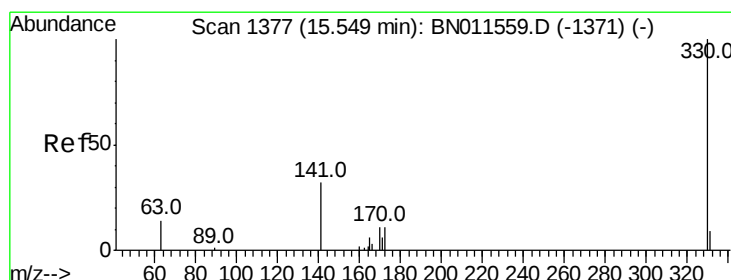
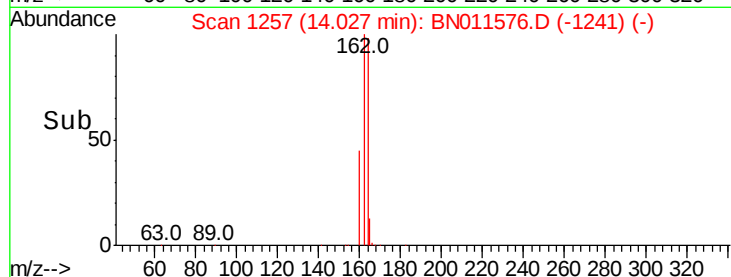
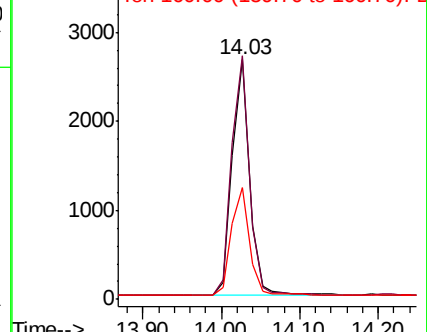
Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.7	125.5
160	46.9	41.1	61.7



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: 0.385 ng

RT: 15.54 min Scan# 1376

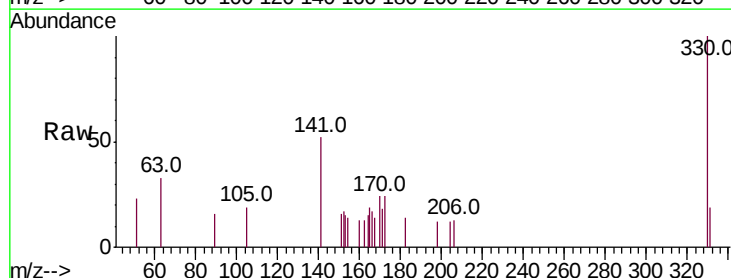
Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Tgt Ion:330 Resp: 778

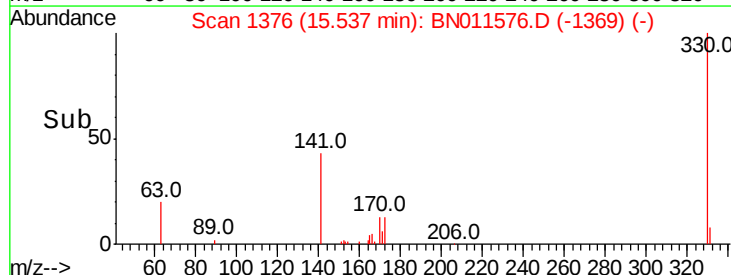
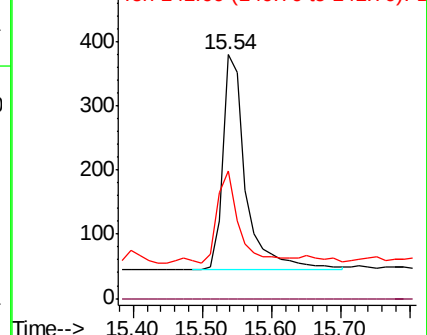
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.2	34.6	52.0

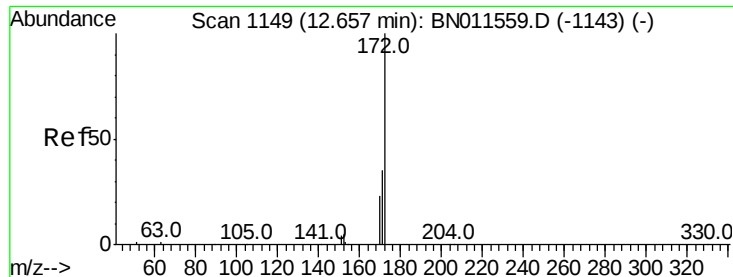


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

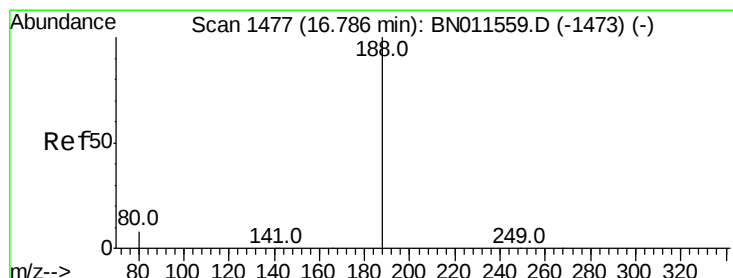
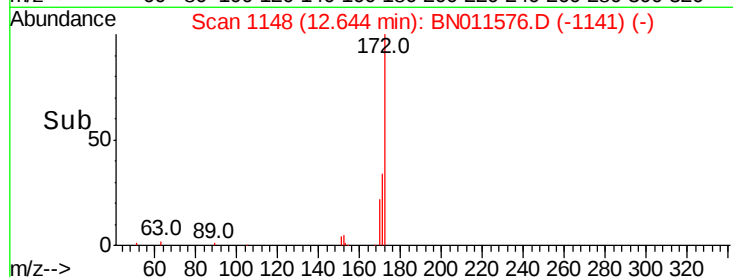
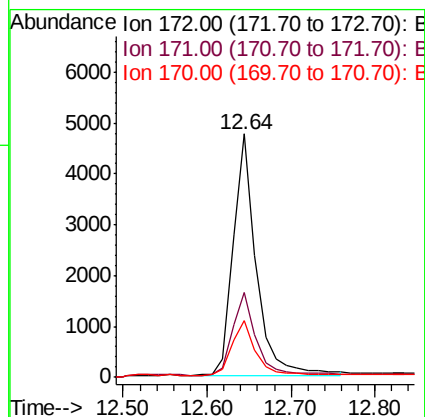
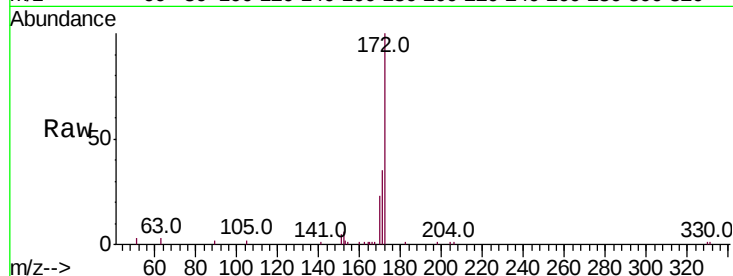




#15
2-Fluorobiphenyl
Concen: 0.539 ng
RT: 12.64 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

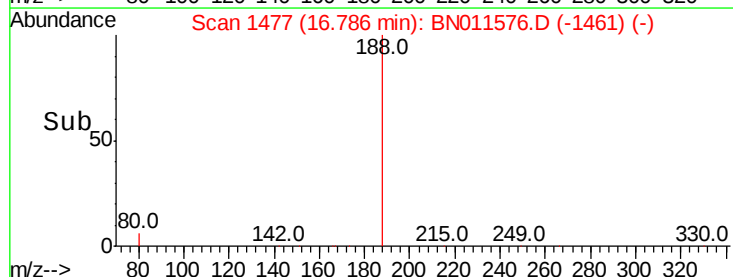
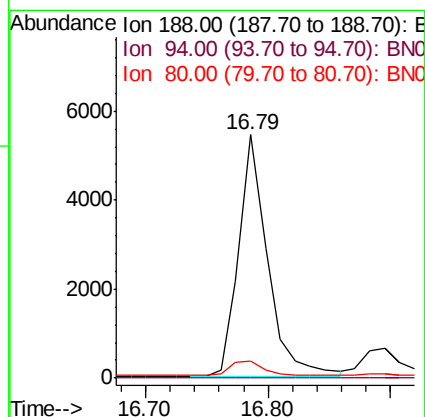
Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-198-200

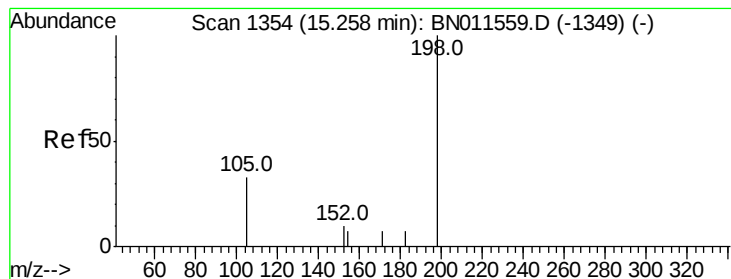
Tot Ion:172 Resp: 9003
Ion Ratio Lower Upper
172 100
171 34.9 29.4 44.0
170 23.2 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Tgt Ion:188 Resp: 8929
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 7.6 11.4#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.177 ng

RT: 15.24 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

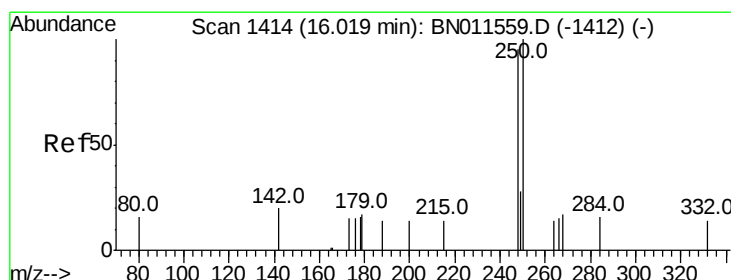
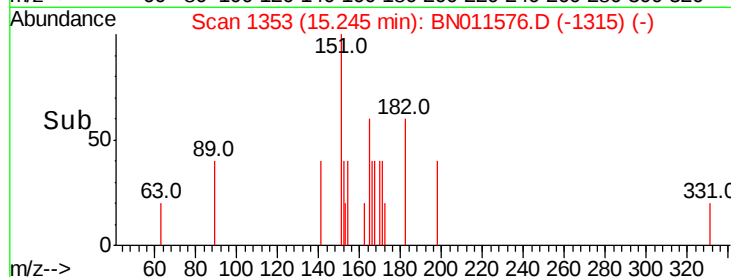
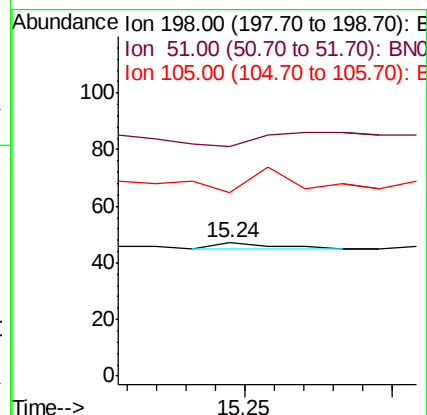
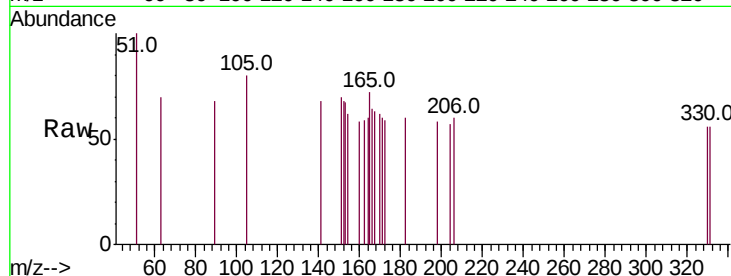
Tot Ion:198 Resp: 3

Ion Ratio Lower Upper

198 100

51 172.3 89.4 134.2#

105 138.3 70.6 105.8#



#21

4-Bromophenyl-phenylether

Concen: 0.087 ng

RT: 16.02 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

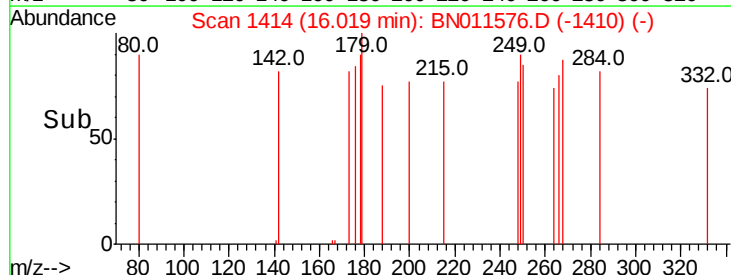
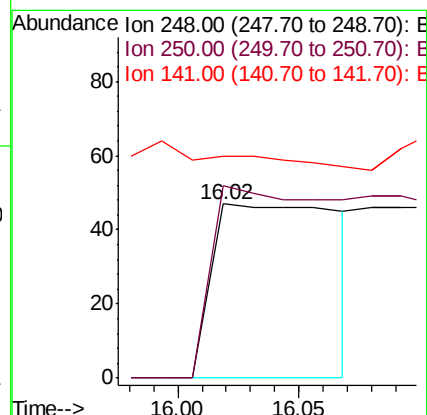
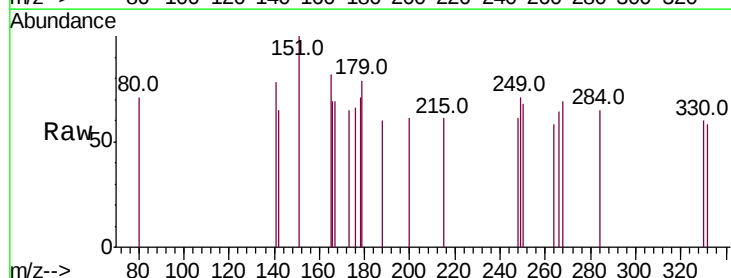
Tgt Ion:248 Resp: 169

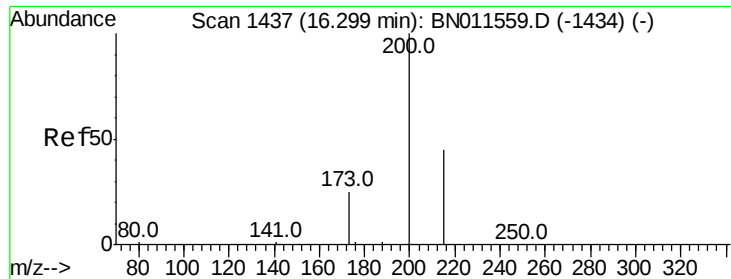
Ion Ratio Lower Upper

248 100

250 110.6 83.8 125.8

141 127.7 41.0 61.6#





#23

Atrazine

Concen: 0.075 ng

RT: 16.07 min Scan# 1418

Delta R.T. -0.23 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

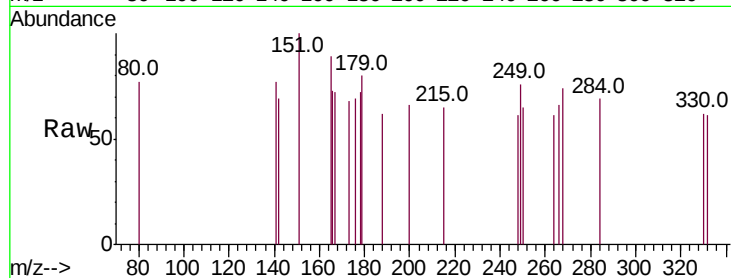
Tot Ion:200 Resp: 347

Ion Ratio Lower Upper

200 100

173 102.0 27.7 41.5#

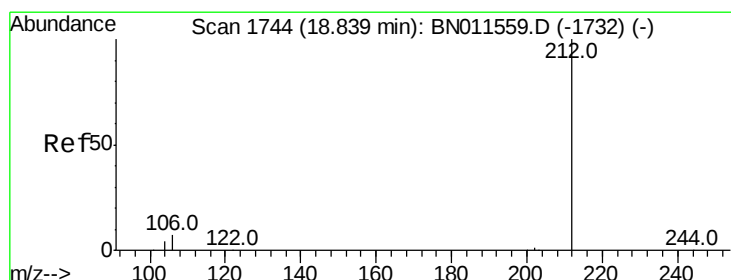
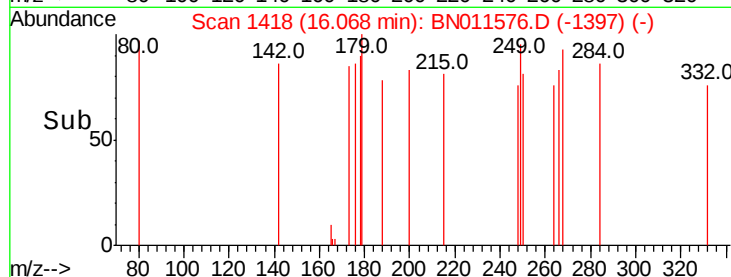
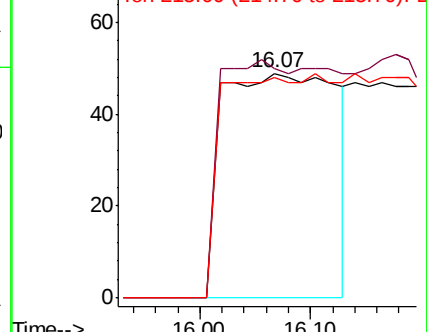
215 98.0 41.5 62.3#



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: 0.329 ng

RT: 18.83 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

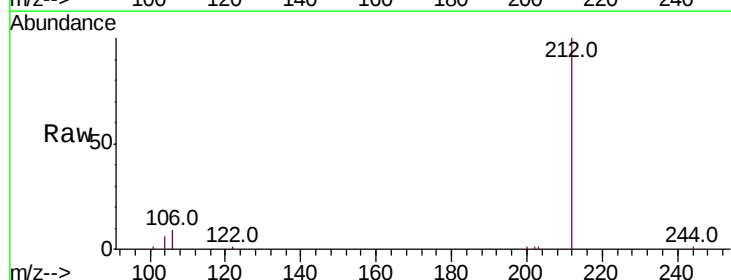
Tgt Ion:212 Resp: 9905

Ion Ratio Lower Upper

212 100

106 8.1 6.2 9.2

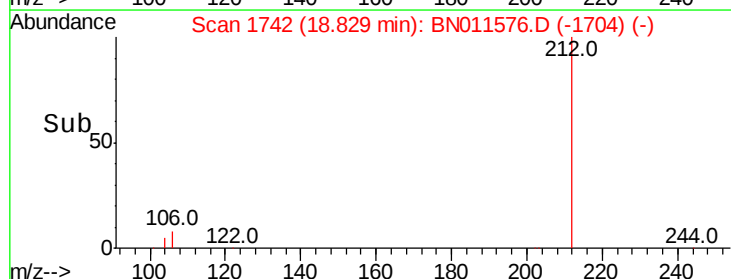
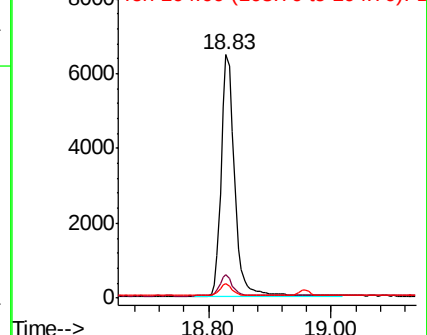
104 5.0 3.8 5.6

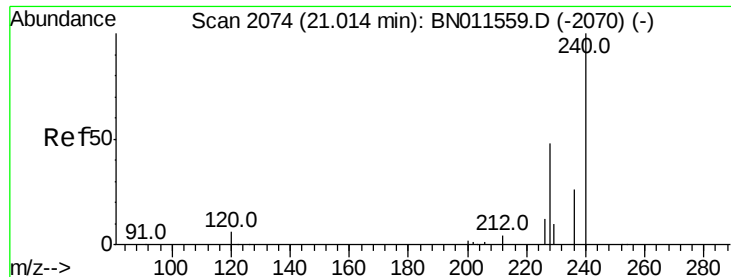


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN011576.D

Acq: 22 Aug 2020 07:53

Instrument :

BNA_N

ClientSampleId :

BP-VPB181-GW-198-200

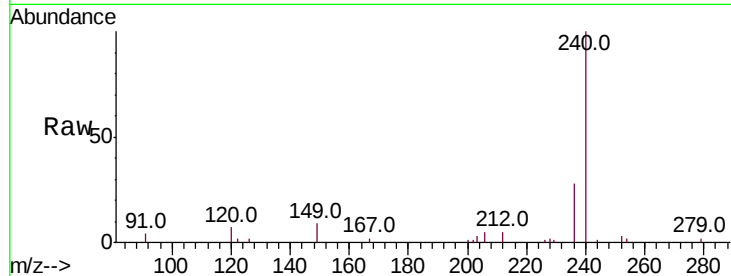
Tot Ion:240 Resp: 8856

Ion Ratio Lower Upper

240 100

120 6.9 7.4 11.0#

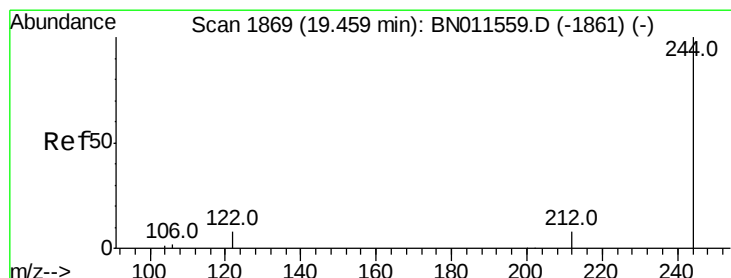
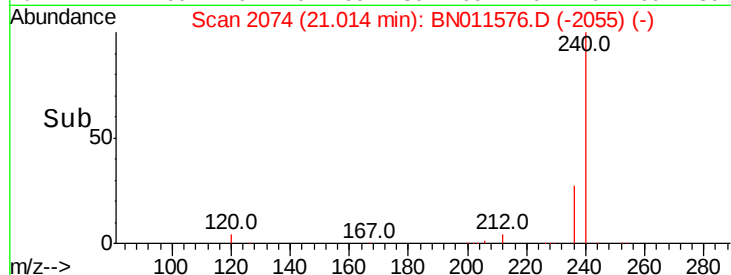
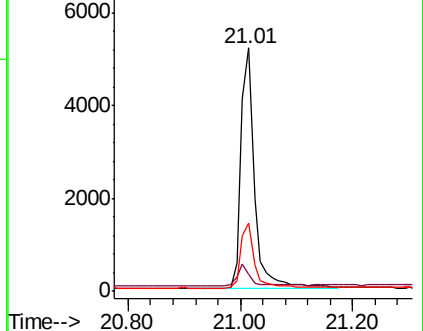
236 27.8 22.3 33.5



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: 0.706 ng

RT: 19.45 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BN011576.D

Acq: 22 Aug 2020 07:53

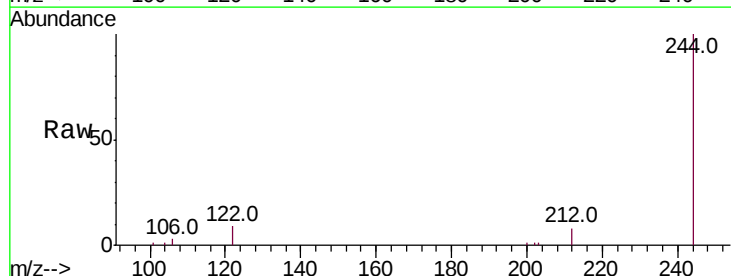
Tgt Ion:244 Resp: 16311

Ion Ratio Lower Upper

244 100

212 8.3 8.2 12.4

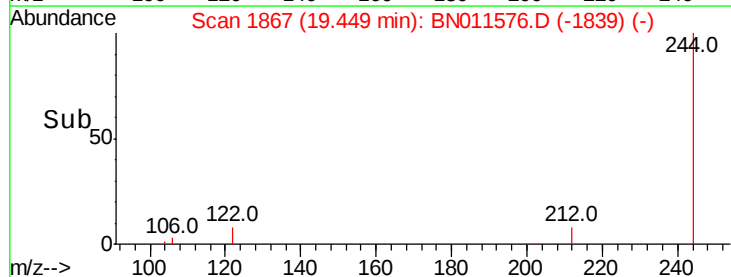
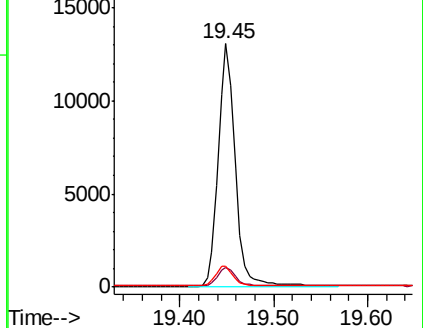
122 8.7 8.0 12.0

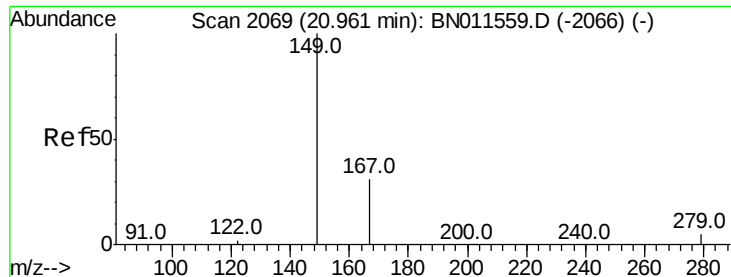


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

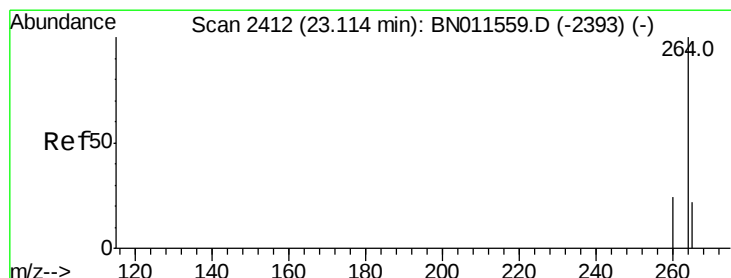
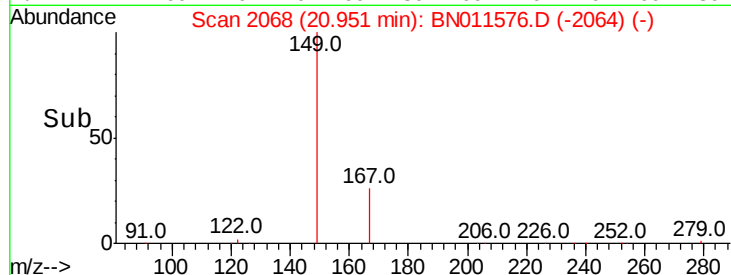
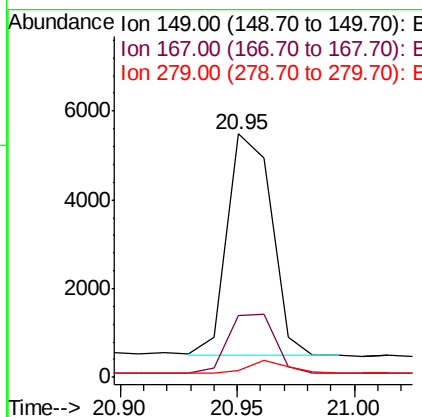
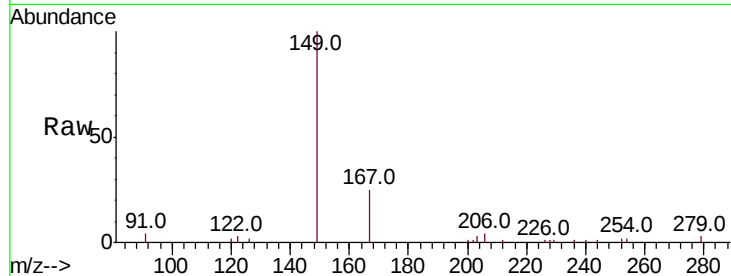




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.495 ng
RT: 20.95 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-198-200

Tot Ion:149 Resp: 6548
Ion Ratio Lower Upper
149 100
167 28.0 22.8 34.2
279 4.6 4.2 6.2



#36
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Tgt Ion:264 Resp: 8012
Ion Ratio Lower Upper
264 100
260 24.9 20.3 30.5
265 64.6 96.1 144.1#

