

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061720\
 Data File : BN010949.D
 Acq On : 17 Jun 2020 20:11
 Operator : CG/JU
 Sample : L3020-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-22

Quant Time: Jun 18 00:14:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 13:14:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2287	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8034	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4347	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8846	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8497	0.40	ng	0.00
34) Perylene-d12	23.27	264	8812	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	676	0.15	ng	0.00
5) Phenol-d6	6.74	99	515	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2264	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5517	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	564	0.36	ng	-0.01
15) 2-Fluorobiphenyl	12.78	172	7087	0.41	ng	-0.01
25) Fluoranthene-d10	18.95	212	14193	0.58	ng	0.00
29) Terphenyl-d14	19.56	244	10954	0.55	ng	0.00

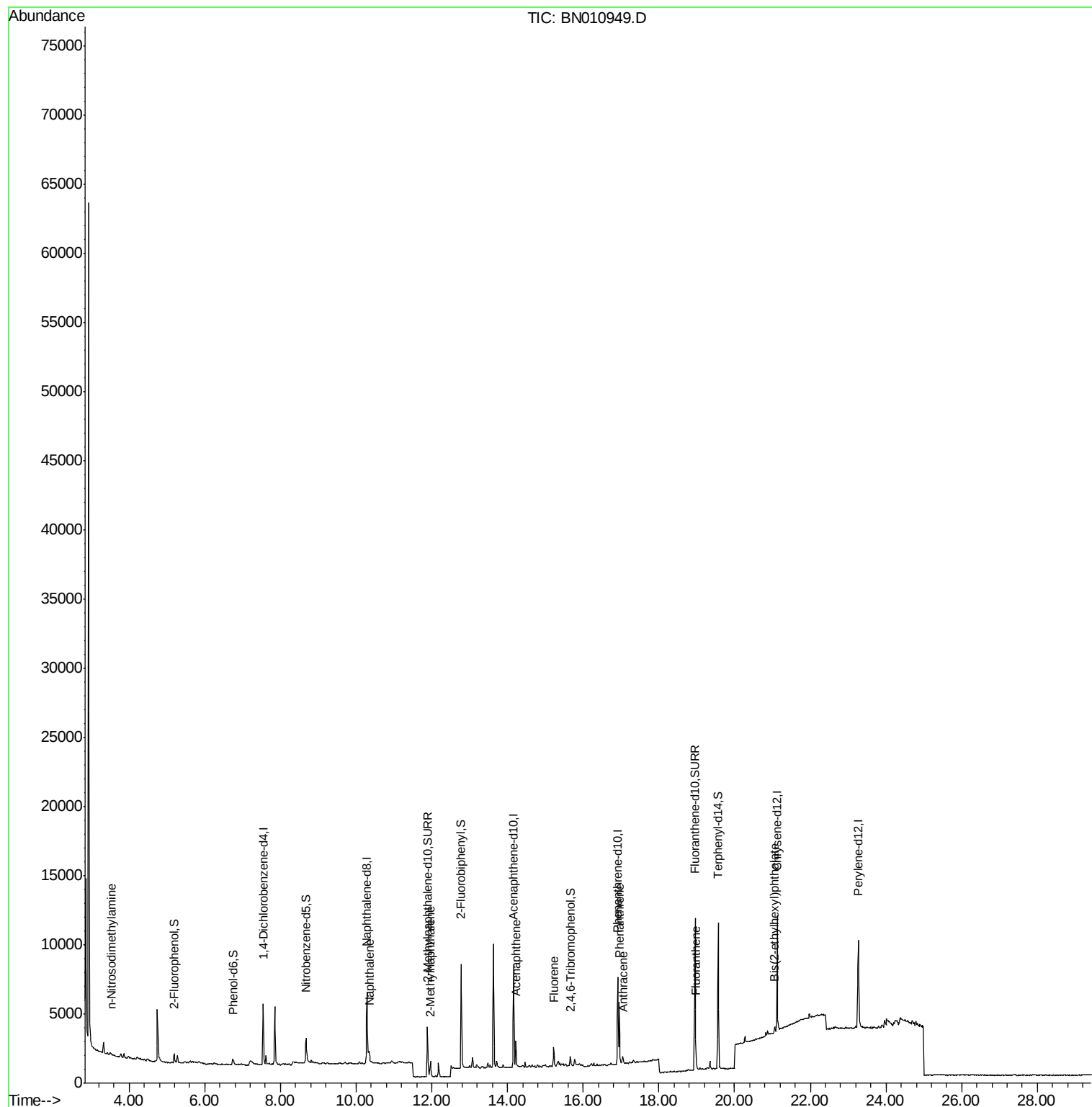
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.55	42	33	0.025	ng	# 1
9) Naphthalene	10.34	128	1171	0.058	ng	# 86
12) 2-Methylnaphthalene	11.96	142	892	0.066	ng	96
17) Acenaphthene	14.22	154	949	0.078	ng	98
18) Fluorene	15.22	166	904	0.058	ng	94
23) Phenanthrene	16.95	178	4825	0.200	ng	99
24) Anthracene	17.05	178	690	0.034	ng	98
26) Fluoranthene	18.98	202	606	0.022	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.06	149	513	0.062	ng	# 86

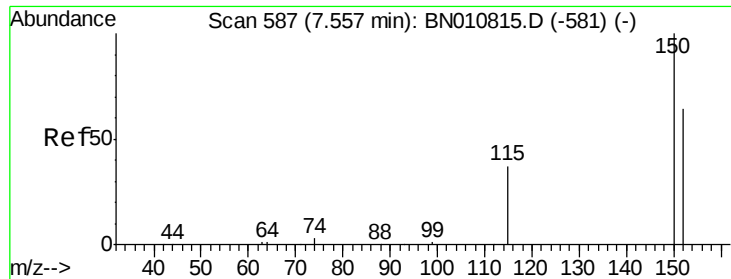
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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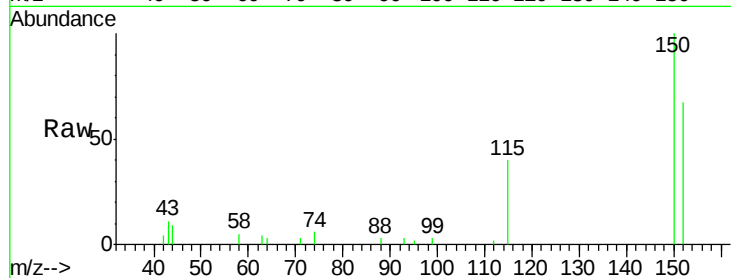


#1

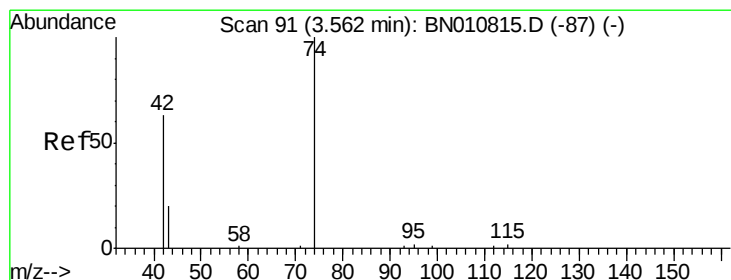
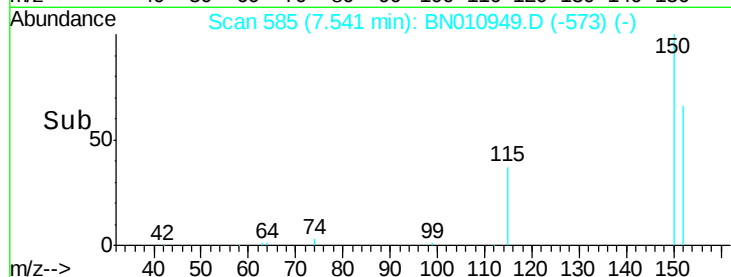
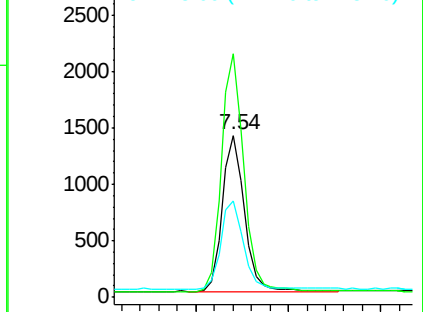
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.00 min
Lab File: BN010949.D
Acq: 17 Jun 2020 20:11

Instrument :
BNA_N
ClientSampleId :
MW-22

Tot Ion:152 Resp: 2287
Ion Ratio Lower Upper
152 100
150 150.1 123.8 185.6
115 59.8 49.2 73.8



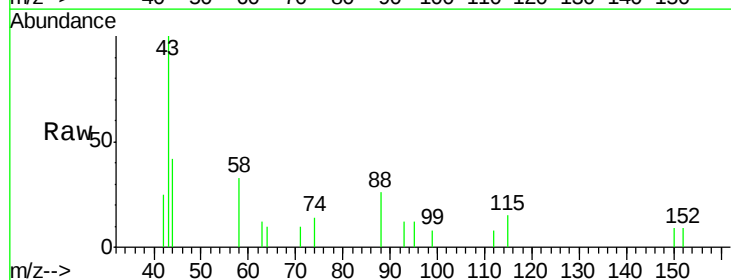
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



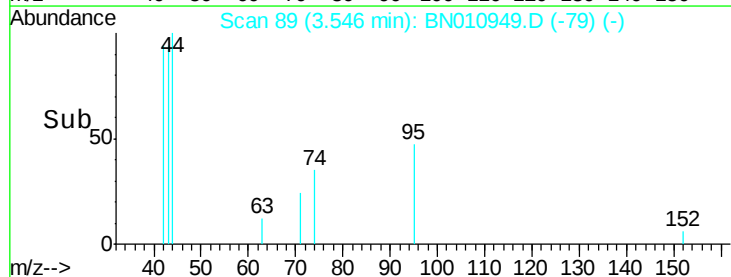
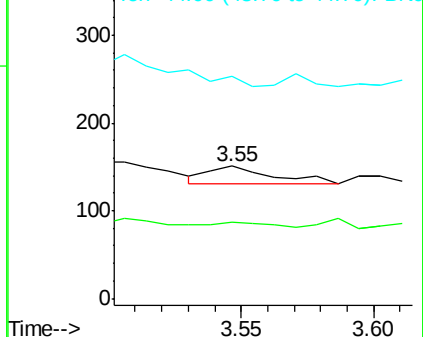
#3

n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.55 min Scan# 89
Delta R.T. -0.02 min
Lab File: BN010949.D
Acq: 17 Jun 2020 20:11

Tgt Ion: 42 Resp: 33
Ion Ratio Lower Upper
42 100
74 21.2 140.7 211.1#
44 0.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.153 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.00 min

Lab File: BN010949.D

Acq: 17 Jun 2020 20:11

Instrument :

BNA_N

ClientSampled :

MW-22

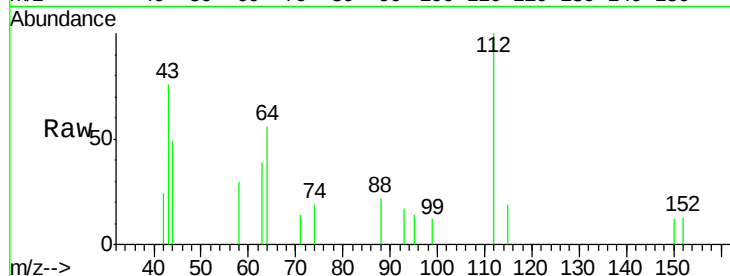
Tot Ion: 112 Resp: 676

Ion Ratio Lower Upper

112 100

64 43.8 37.4 56.0

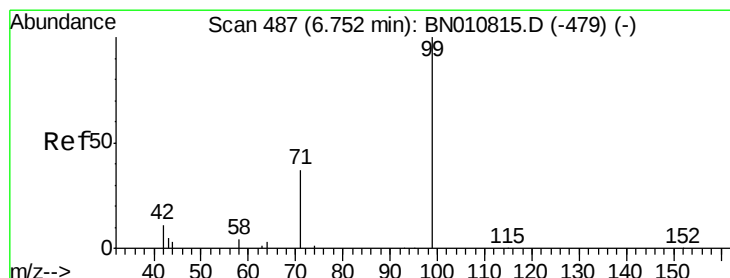
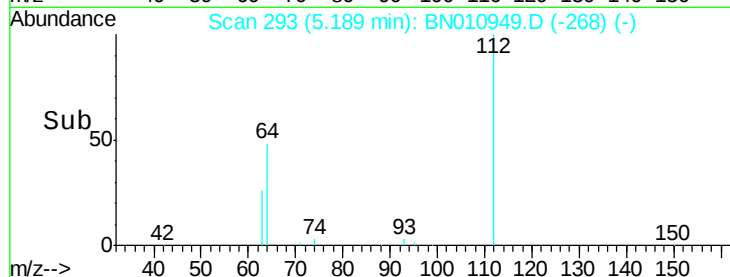
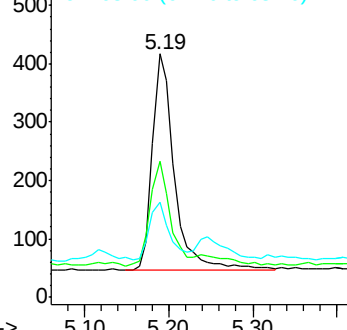
63 24.0 22.2 33.4



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: 0.099 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN010949.D

Acq: 17 Jun 2020 20:11

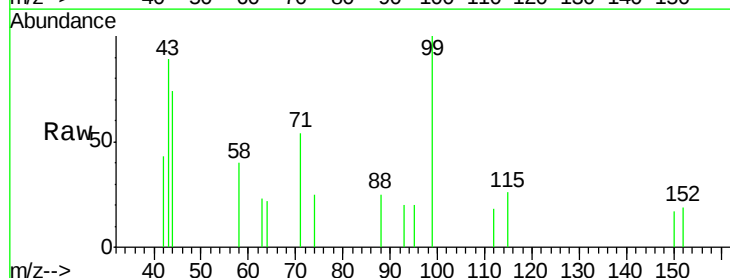
Tgt Ion: 99 Resp: 515

Ion Ratio Lower Upper

99 100

42 20.0 11.1 16.7#

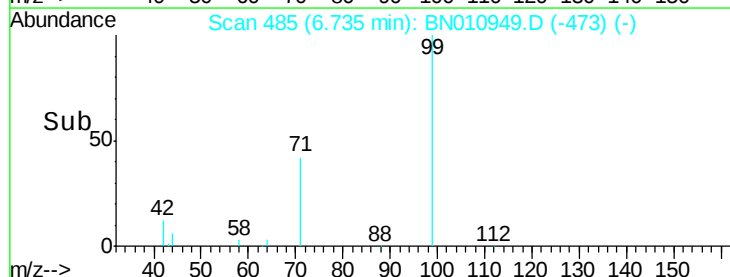
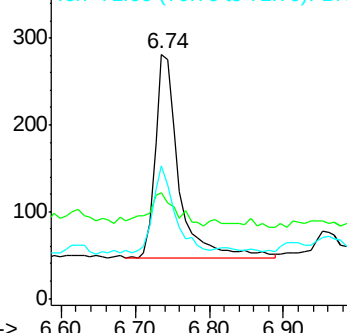
71 39.0 31.4 47.2

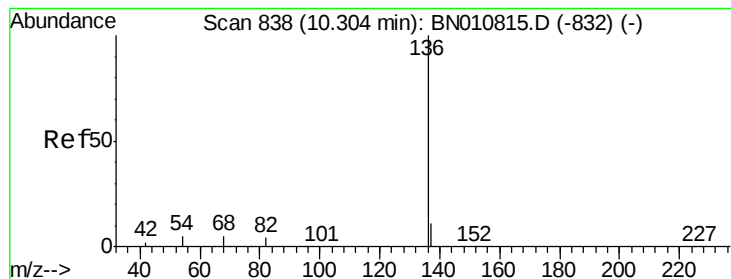


Abundance Ion 99.00 (98.70 to 99.70): BNO

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: 10.29 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN010949.D

Acq: 17 Jun 2020 20:11

Instrument :

BNA_N

ClientSampleId :

MW-22

Tot Ion:136 Resp: 8034

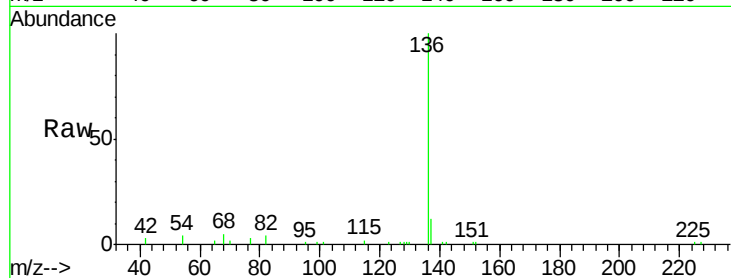
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 4.5 4.9 7.3#

68 5.0 4.7 7.1

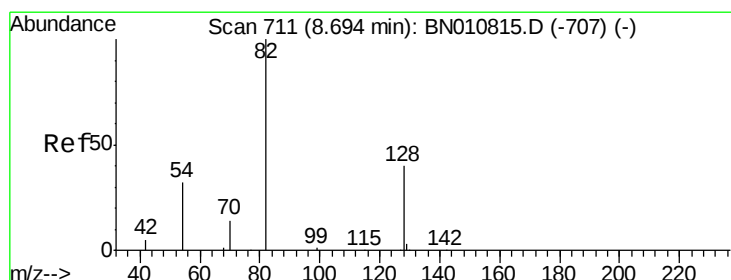
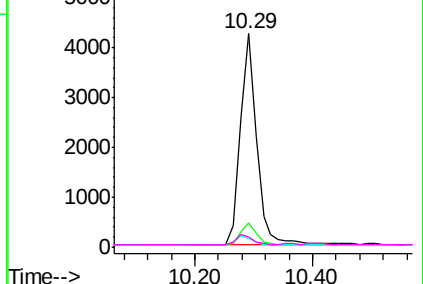
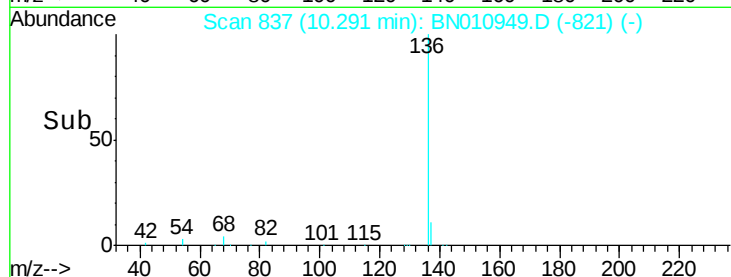


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.381 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010949.D

Acq: 17 Jun 2020 20:11

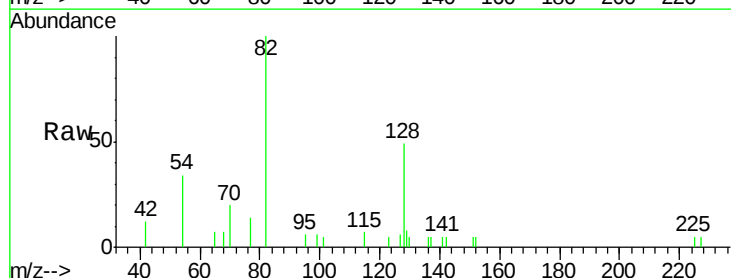
Tgt Ion: 82 Resp: 2264

Ion Ratio Lower Upper

82 100

128 48.7 35.4 53.0

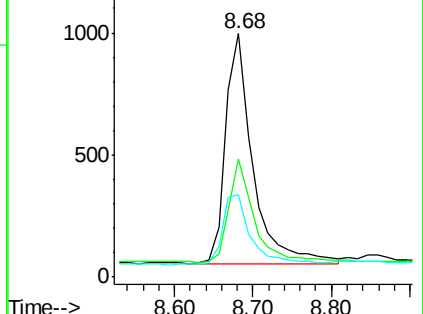
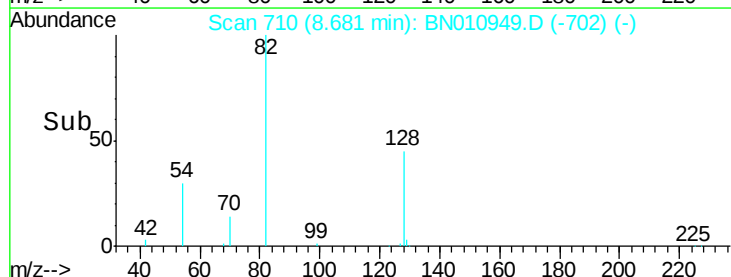
54 33.9 28.2 42.4

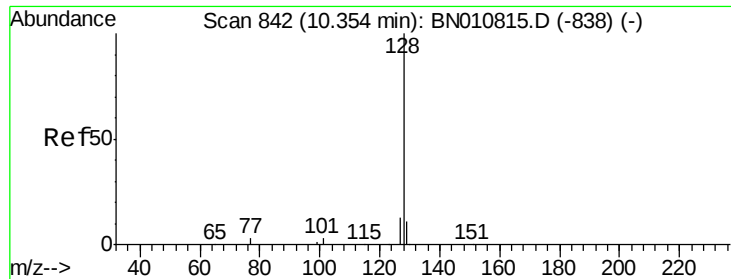


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

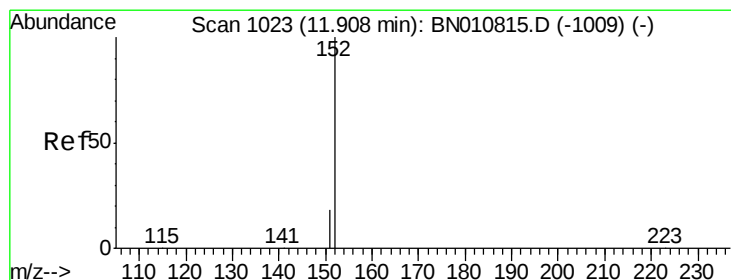
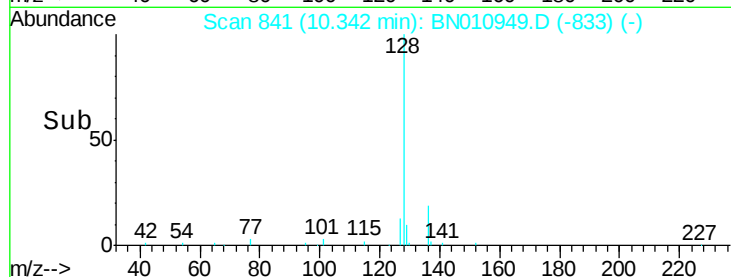
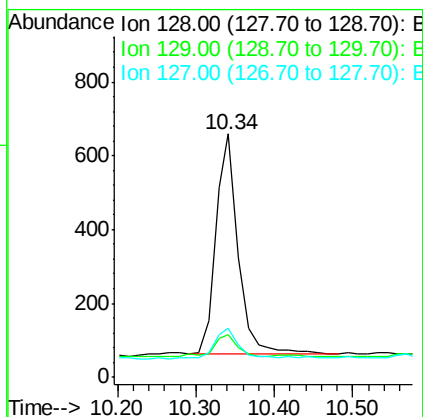
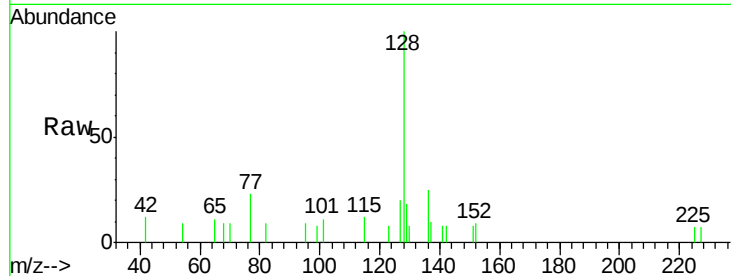




#9
Naphthalene
Concen: 0.058 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010949.D
Acq: 17 Jun 2020 20:11

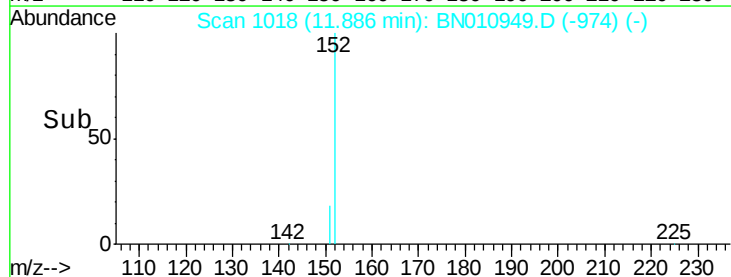
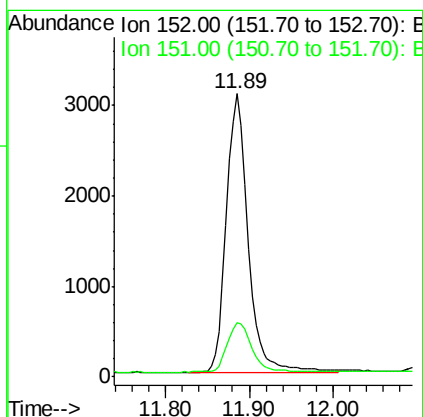
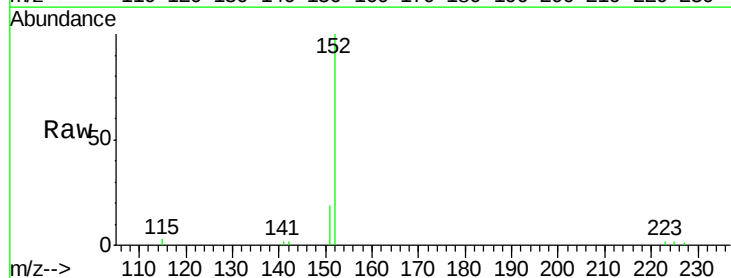
Instrument :
BNA_N
ClientSampleId :
MW-22

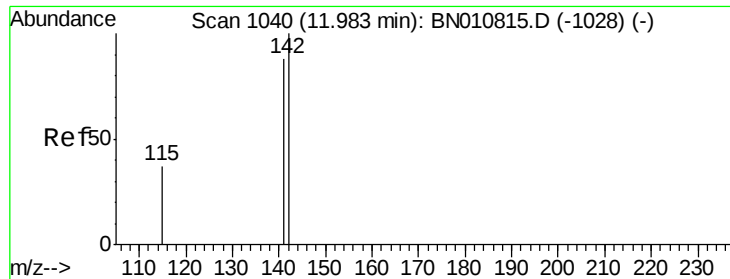
Tot Ion:128 Resp: 1171
Ion Ratio Lower Upper
128 100
129 17.8 9.6 14.4#
127 19.9 11.4 17.2#



#11
2-Methylnaphthalene-d10
Concen: 0.443 ng
RT: 11.89 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BN010949.D
Acq: 17 Jun 2020 20:11

Tgt Ion:152 Resp: 5517
Ion Ratio Lower Upper
152 100
151 19.4 15.3 22.9

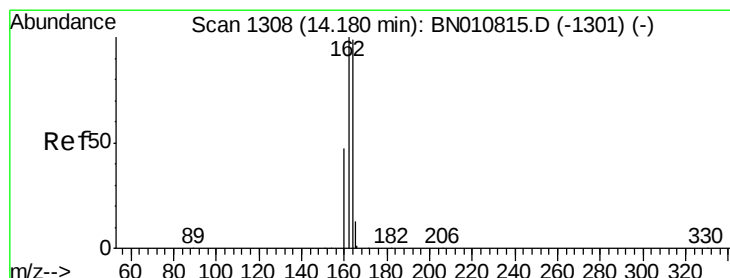
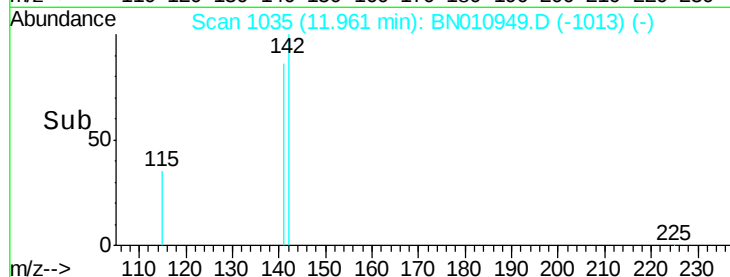
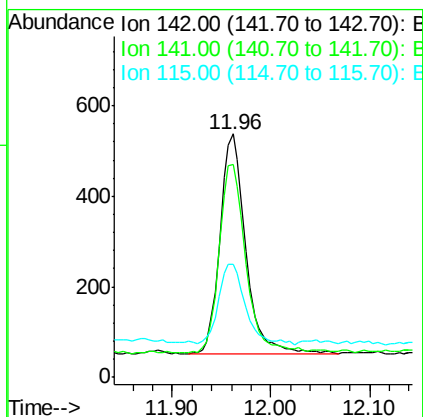
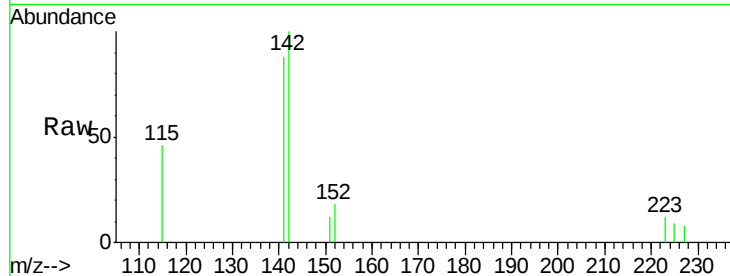




#12
2-Methylnaphthalene
Concen: 0.066 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BN010949.D
Acq: 17 Jun 2020 20:11

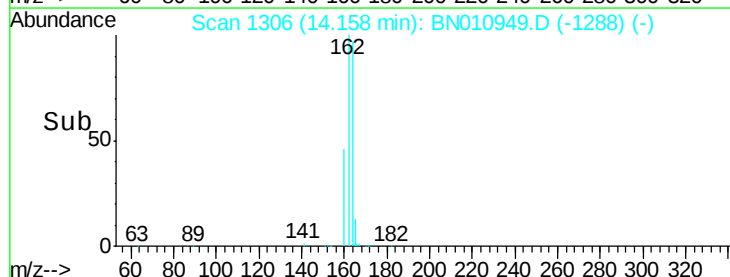
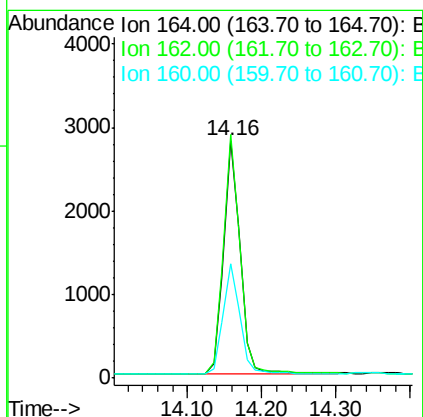
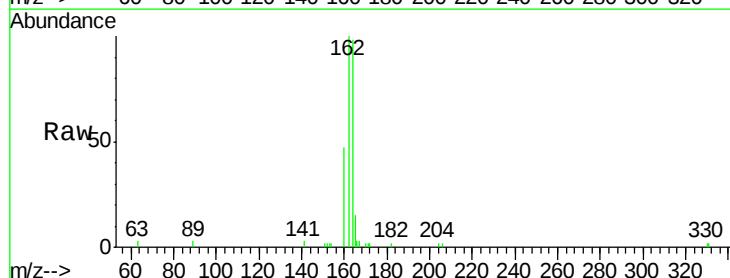
Instrument :
BNA_N
ClientSampleId :
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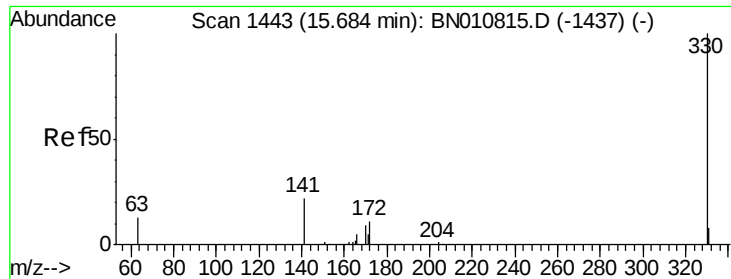
Tot Ion:142 Resp: 892
Ion Ratio Lower Upper
142 100
141 87.5 70.8 106.2
115 46.5 31.5 47.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010949.D
Acq: 17 Jun 2020 20:11

Tgt Ion:164 Resp: 4347
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.6
160 48.2 38.9 58.3

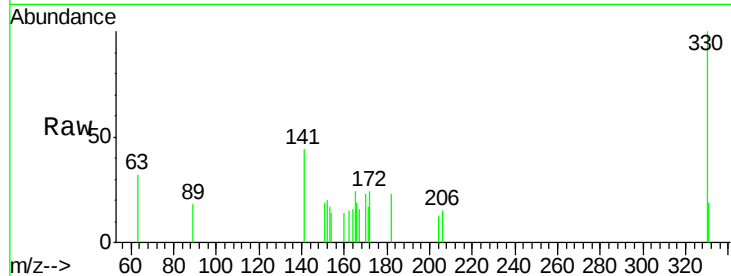




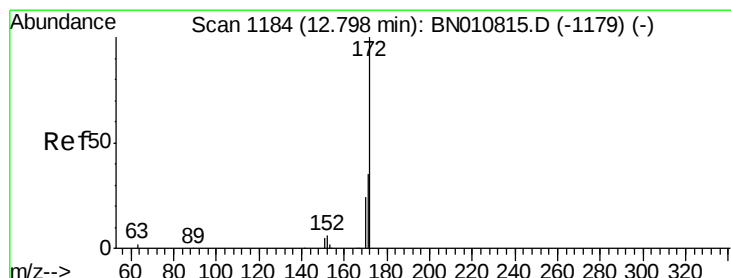
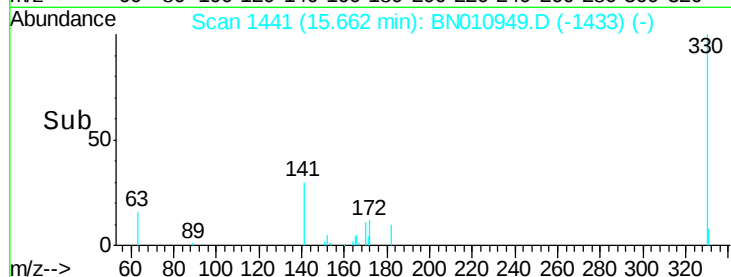
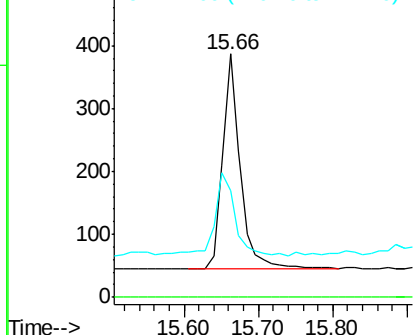
#14
 2,4,6-Tribromophenol
 Concen: 0.363 ng
 RT: 15.66 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BN010949.D
 Acq: 17 Jun 2020 20:11

Instrument :
 BNA_N
 ClientSampled :
 MW-22

Tot Ion:330 Resp: 564
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.4 33.2 49.8

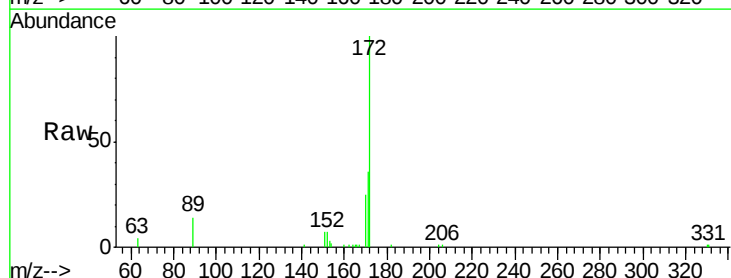


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

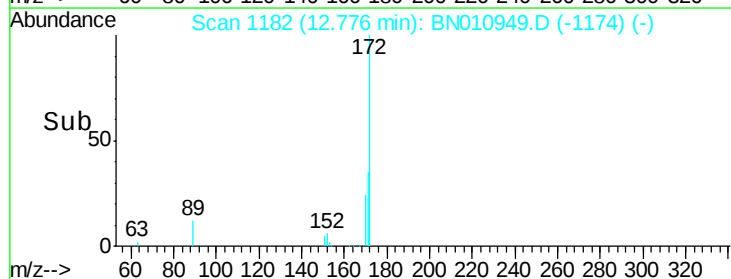
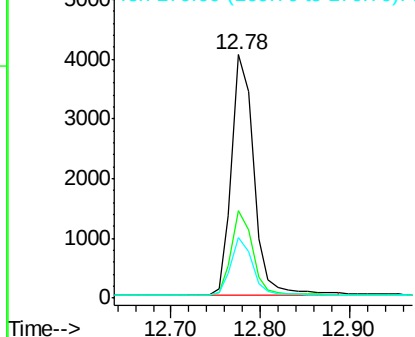


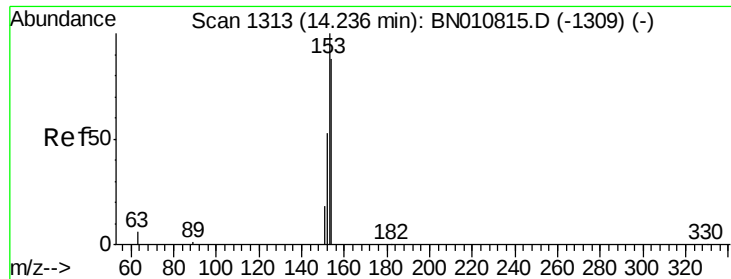
#15
 2-Fluorobiphenyl
 Concen: 0.413 ng
 RT: 12.78 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BN010949.D
 Acq: 17 Jun 2020 20:11

Tgt Ion:172 Resp: 7087
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.7 19.7 29.5



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





#17

Acenaphthene

Concen: 0.078 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BN010949.D

Acq: 17 Jun 2020 20:11

Instrument :

BNA_N

ClientSampleId :

MW-22

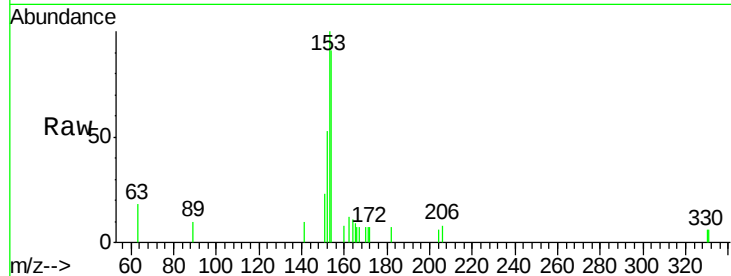
Tot Ion:154 Resp: 949

Ion Ratio Lower Upper

154 100

153 112.1 91.8 137.6

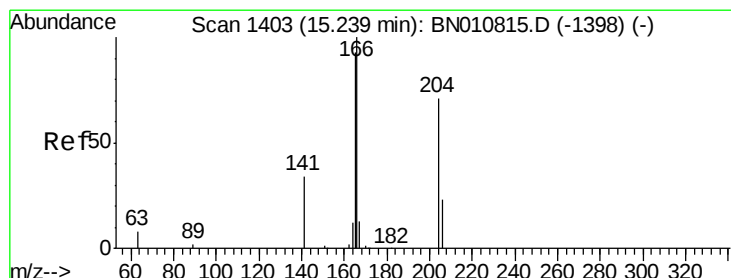
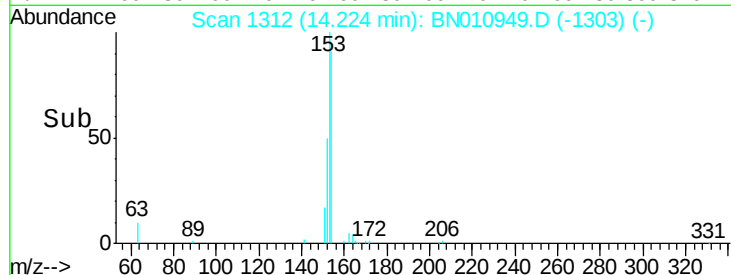
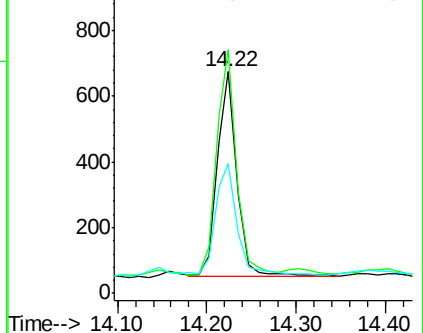
152 60.2 47.6 71.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.058 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN010949.D

Acq: 17 Jun 2020 20:11

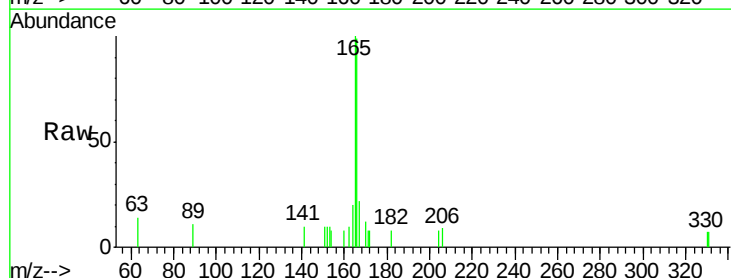
Tgt Ion:166 Resp: 904

Ion Ratio Lower Upper

166 100

165 103.3 77.2 115.8

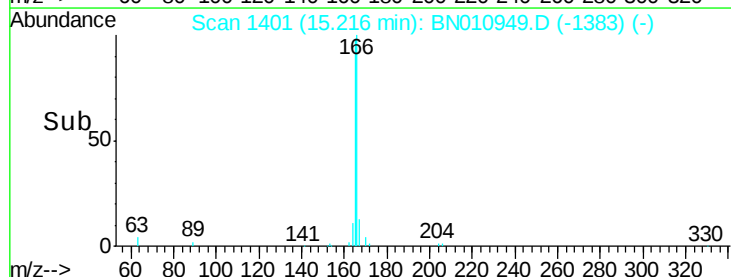
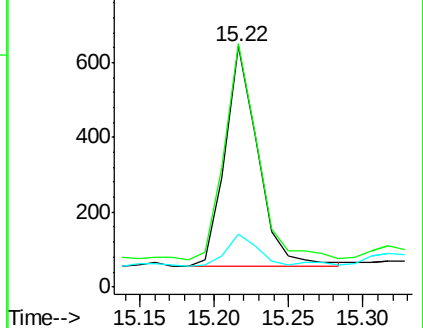
167 13.9 10.7 16.1

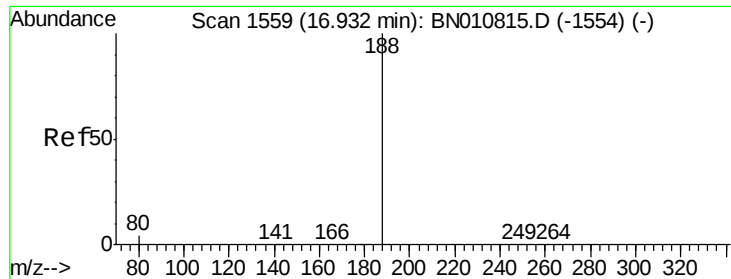


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BN010949.D

Acq: 17 Jun 2020 20:11

Instrument :

BNA_N

ClientSampleId :

MW-22

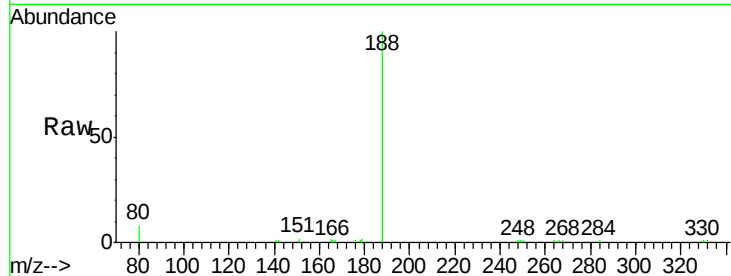
Tot Ion:188 Resp: 8846

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

16.91

6000

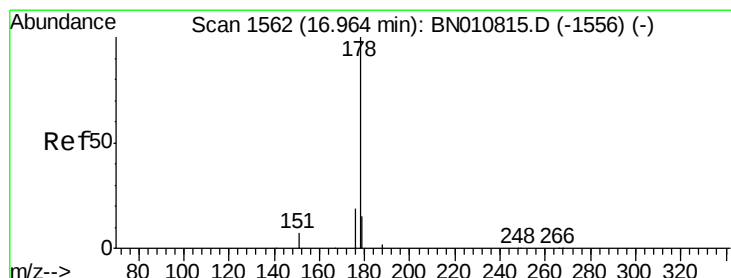
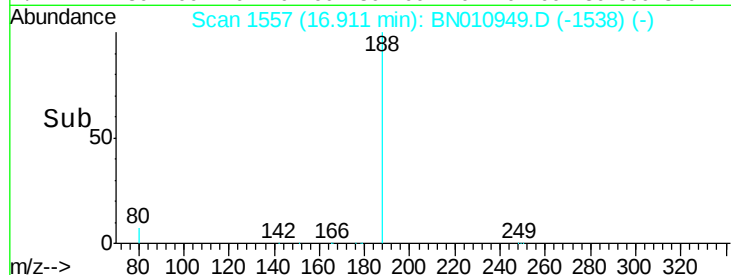
4000

2000

0

16.80 16.90 17.00

Time-->



#23

Phenanthrene

Concen: 0.200 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN010949.D

Acq: 17 Jun 2020 20:11

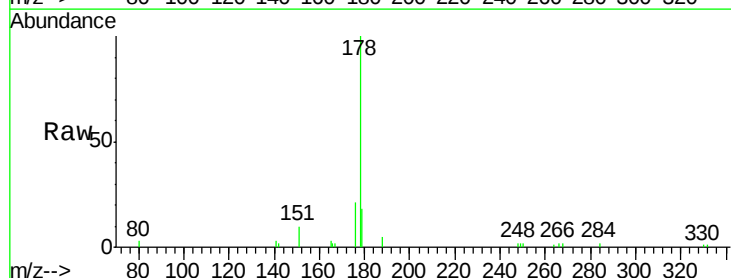
Tgt Ion:178 Resp: 4825

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 16.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

16.95

4000

3000

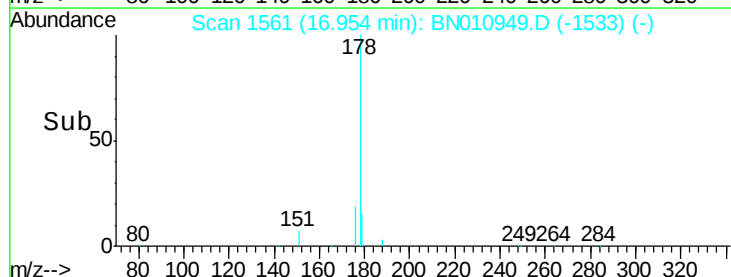
2000

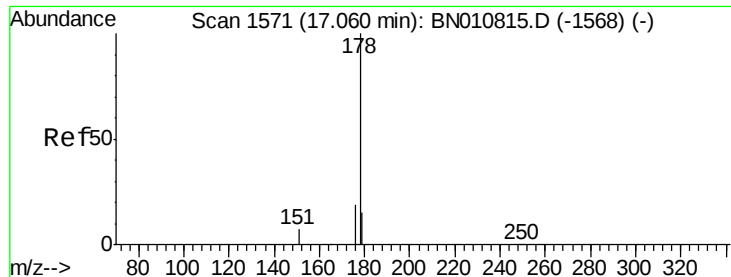
1000

0

16.80 16.90 17.00

Time-->





#24

Anthracene

Concen: 0.034 ng

RT: 17.05 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BN010949.D

Acq: 17 Jun 2020 20:11

Instrument :

BNA_N

ClientSampleId :

MW-22

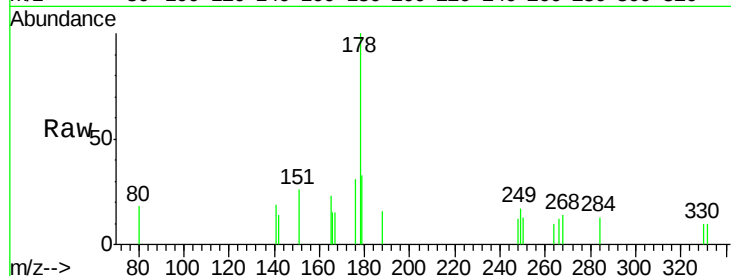
Tot Ion:178 Resp: 690

Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

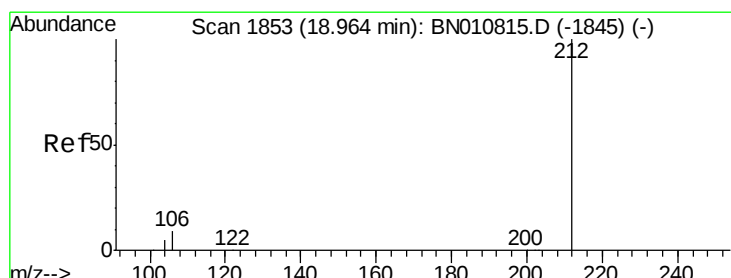
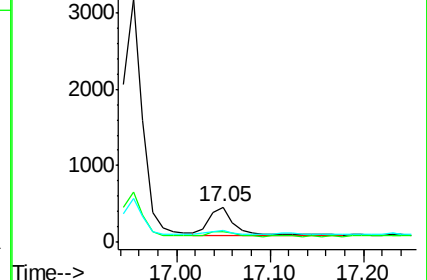
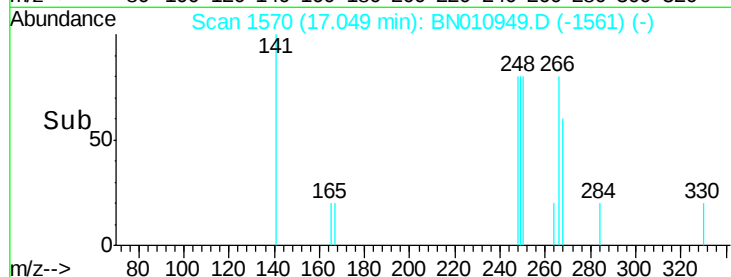
179 13.6 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.581 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010949.D

Acq: 17 Jun 2020 20:11

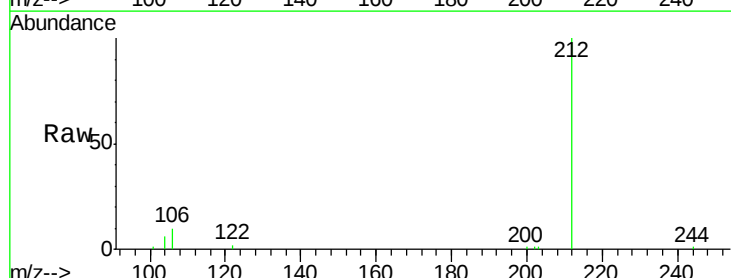
Tgt Ion:212 Resp: 14193

Ion Ratio Lower Upper

212 100

106 9.7 6.6 10.0

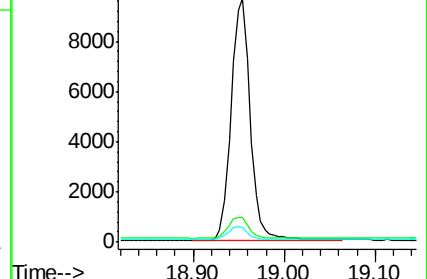
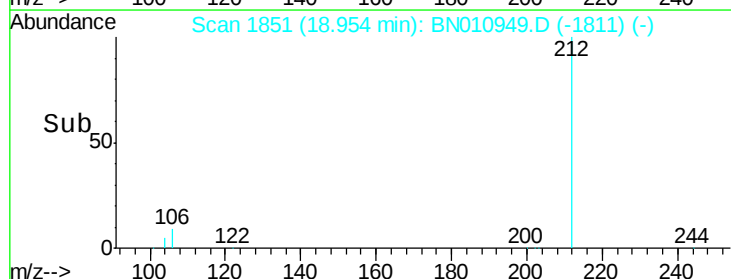
104 5.3 4.0 6.0

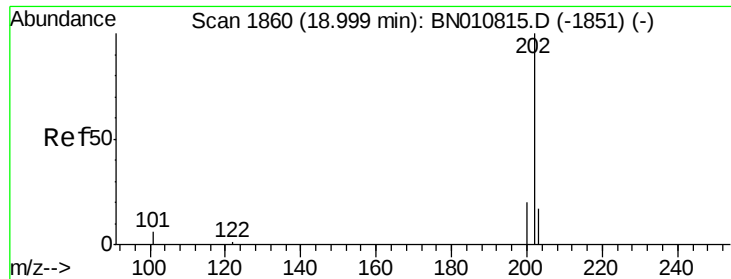


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

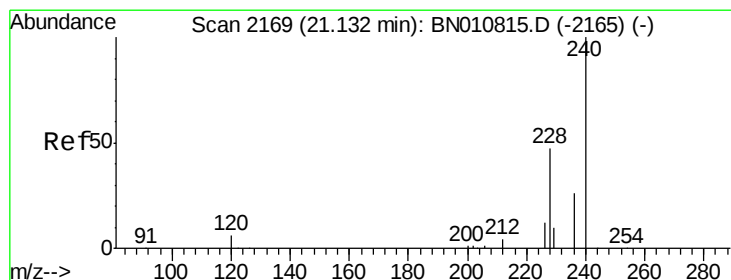
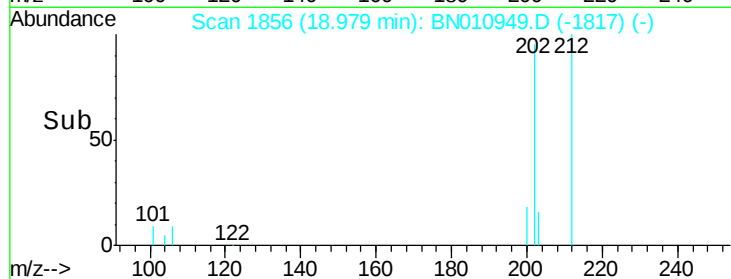
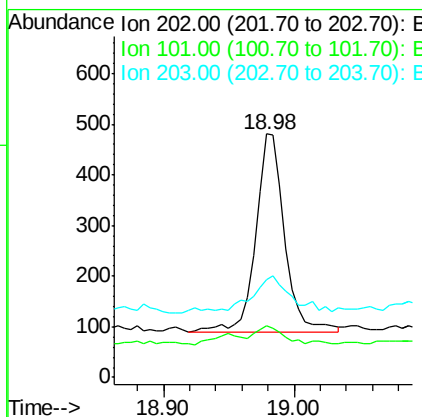
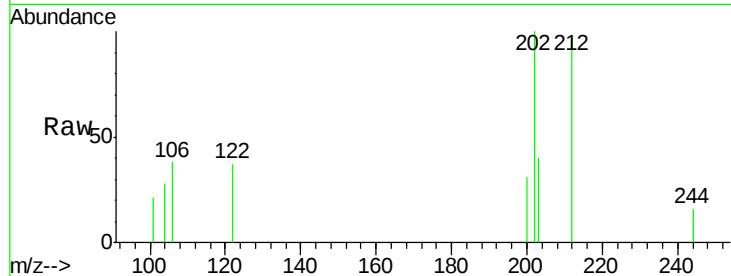




#26
 Fluoranthene
 Concen: 0.022 ng
 RT: 18.98 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BN010949.D
 Acq: 17 Jun 2020 20:11

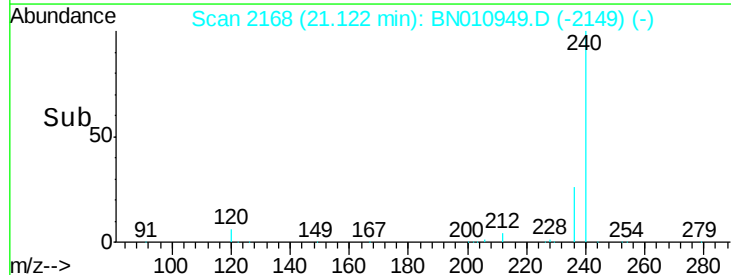
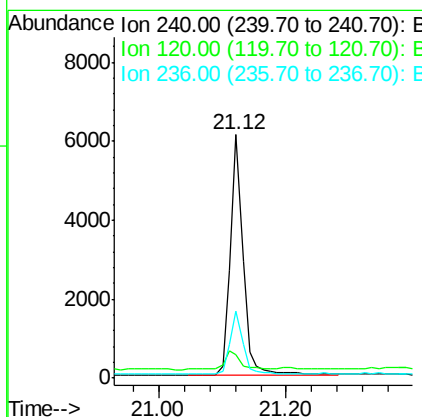
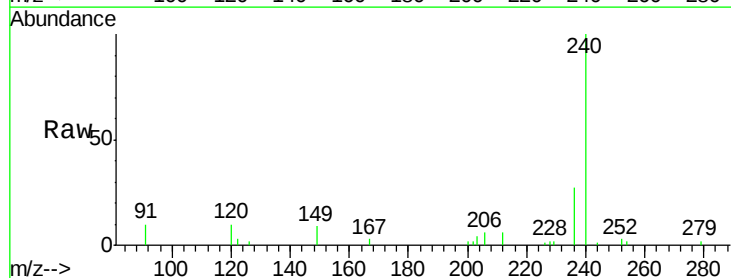
Instrument :
 BNA_N
 ClientSampleId :
 MW-22

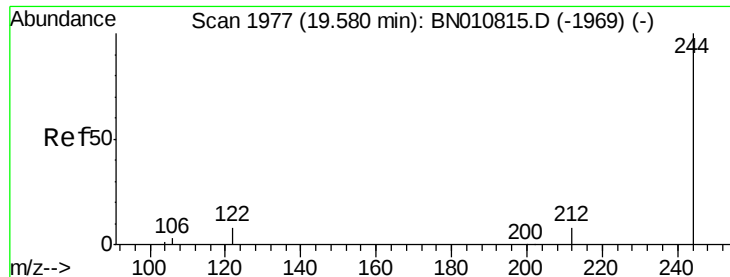
Tot Ion:202 Resp: 606
 Ion Ratio Lower Upper
 202 100
 101 7.8 5.8 8.6
 203 22.6 13.7 20.5#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BN010949.D
 Acq: 17 Jun 2020 20:11

Tgt Ion:240 Resp: 8497
 Ion Ratio Lower Upper
 240 100
 120 9.6 7.5 11.3
 236 27.4 22.3 33.5





#29

Terphenyl-d14

Concen: 0.551 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN010949.D

Acq: 17 Jun 2020 20:11

Instrument :

BNA_N

ClientSampleId :

MW-22

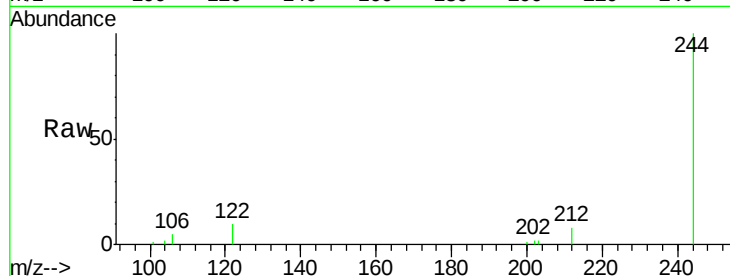
Tot Ion:244 Resp: 10954

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

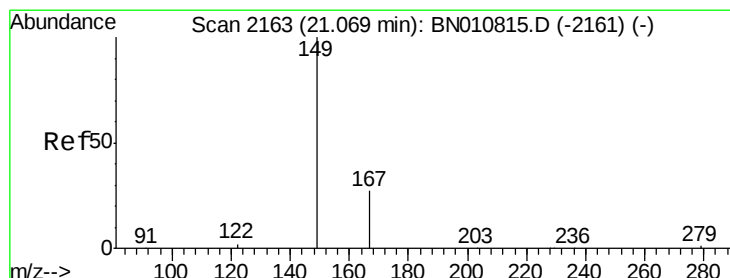
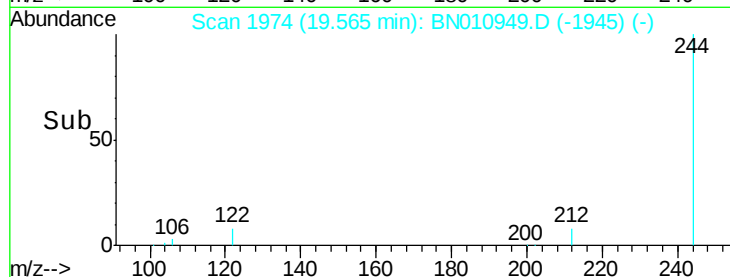
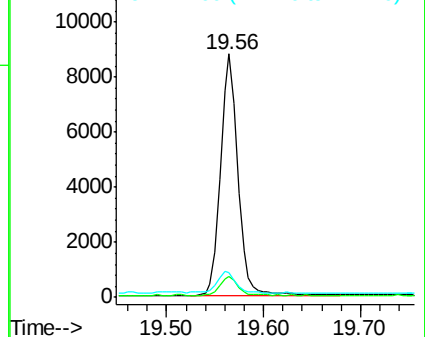
122 10.3 7.5 11.3



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.062 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010949.D

Acq: 17 Jun 2020 20:11

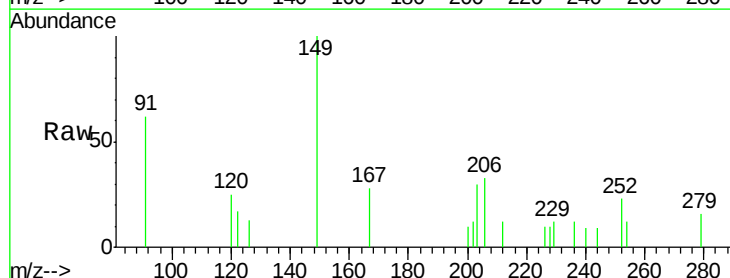
Tgt Ion:149 Resp: 513

Ion Ratio Lower Upper

149 100

167 22.8 24.1 36.1#

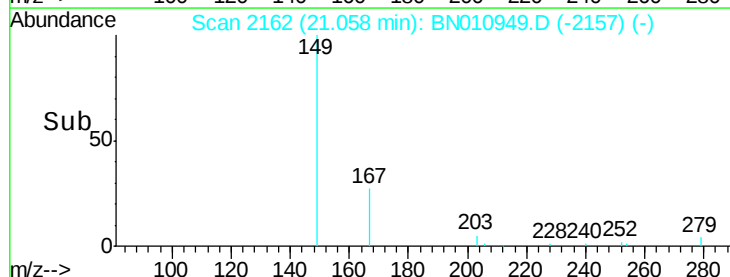
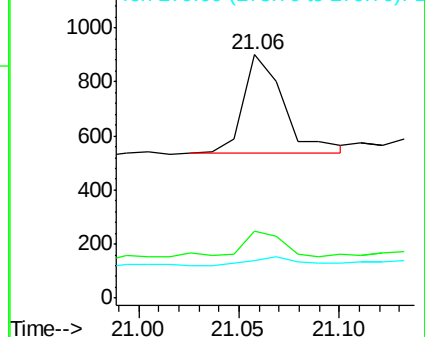
279 11.1 4.6 7.0#

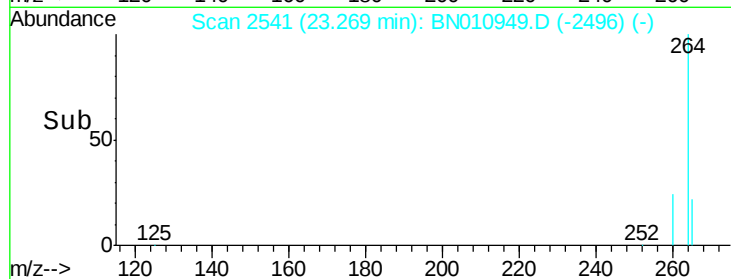
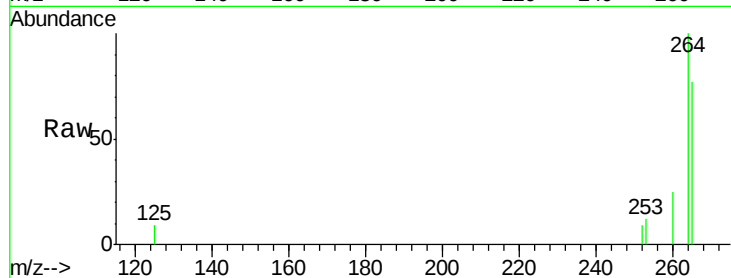
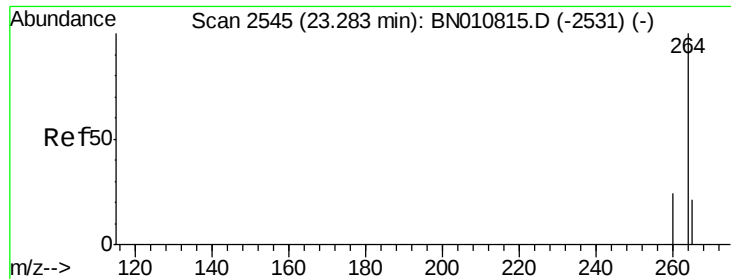


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BN010949.D

Acq: 17 Jun 2020 20:11

Instrument :

BNA_N

ClientSampleId :

MW-22

Tot Ion: 264 Resp: 8812

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

265 76.7 75.0 112.4

