

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061820\
 Data File : BN010960.D
 Acq On : 18 Jun 2020 19:12
 Operator : CG/JU
 Sample : L3020-21MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-23MS

Quant Time: Jun 18 19:42:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 18 14:14:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2447	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8897	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4902	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	10734	0.40	ng	0.00
27) Chrysene-d12	21.12	240	10255	0.40	ng	0.00
34) Perylene-d12	23.26	264	10923	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1048	0.22	ng	0.00
5) Phenol-d6	6.74	99	865	0.16	ng	0.00
8) Nitrobenzene-d5	8.67	82	2720	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	5042	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	1008	0.57	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	9374	0.48	ng	0.00
25) Fluoranthene-d10	18.95	212	11822	0.40	ng	0.00
29) Terphenyl-d14	19.56	244	14304	0.60	ng	0.00

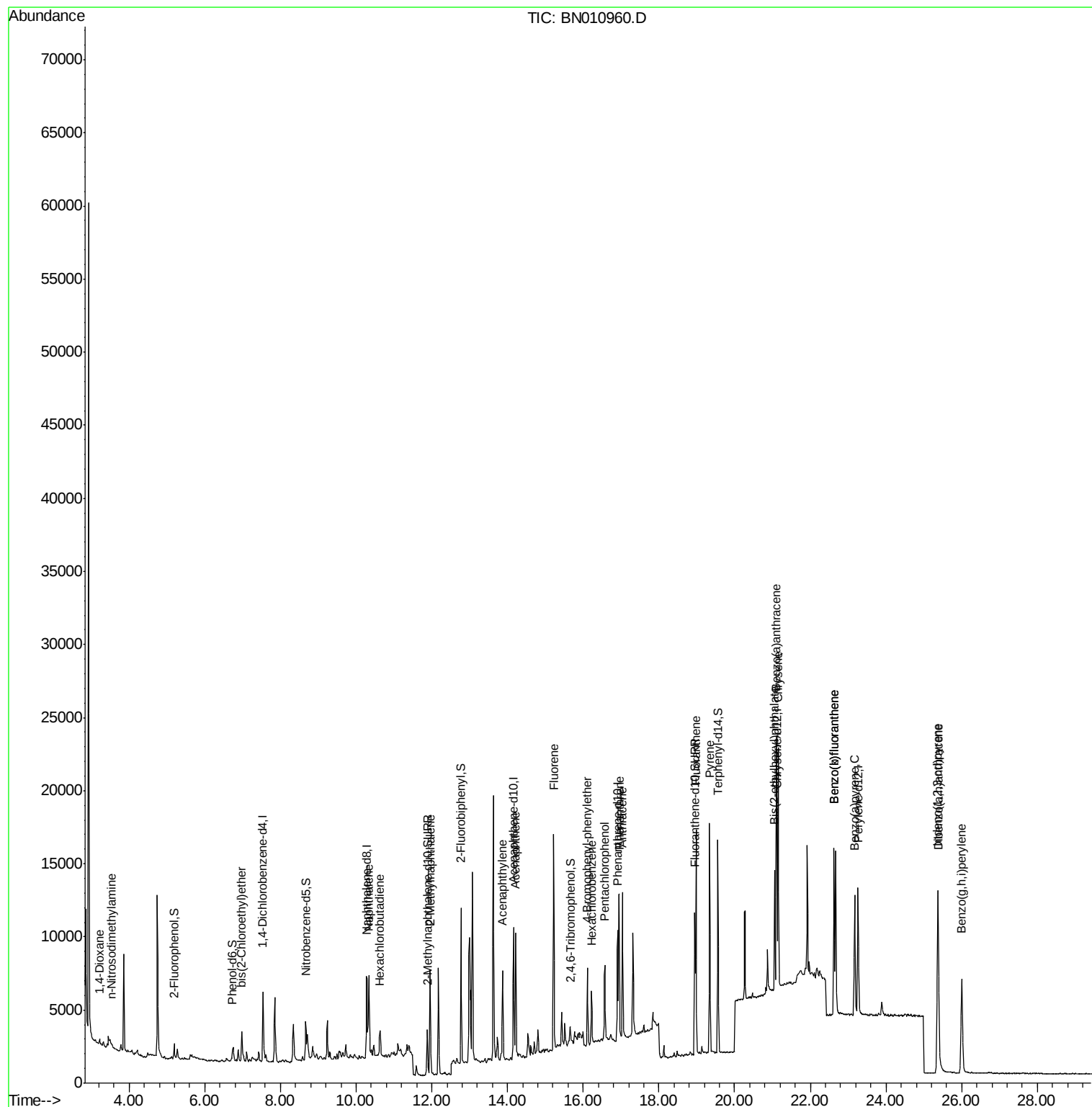
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	347	0.145	ng	# 53
3) n-Nitrosodimethylamine	3.53	42	326	0.234	ng	# 76
6) bis(2-Chloroethyl)ether	6.99	93	1974	0.364	ng	94
9) Naphthalene	10.33	128	7566	0.338	ng	99
10) Hexachlorobutadiene	10.63	225	1430	0.259	ng	# 99
12) 2-Methylnaphthalene	11.96	142	5338	0.357	ng	99
16) Acenaphthylene	13.87	152	7340	0.366	ng	97
17) Acenaphthene	14.21	154	4715	0.344	ng	97
18) Fluorene	15.22	166	6645	0.376	ng	99
20) 4-Bromophenyl-phenylether	16.11	248	2427	0.376	ng	96
21) Hexachlorobenzene	16.22	284	2479	0.368	ng	# 89
22) Pentachlorophenol	16.57	266	2803	1.241	ng	94
23) Phenanthrene	16.95	178	11944	0.407	ng	99
24) Anthracene	17.04	178	10475	0.428	ng	98
26) Fluoranthene	18.98	202	14158	0.425	ng	# 98
28) Pyrene	19.34	202	14390	0.424	ng	99
30) Benzo(a)anthracene	21.10	228	13185	0.437	ng	98
31) Chrysene	21.15	228	12992	0.370	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	6847	0.681	ng	96
33) Indeno(1,2,3-cd)pyrene	25.36	276	14816	0.377	ng	# 96
35) Benzo(b)fluoranthene	22.63	252	13238	0.356	ng	98
36) Benzo(k)fluoranthene	22.63	252	13238	0.335	ng	99
37) Benzo(a)pyrene	23.17	252	11474	0.360	ng	98
38) Dibenzo(a,h)anthracene	25.38	278	12099	0.333	ng	96
39) Benzo(g,h,i)perylene	26.00	276	12929	0.340	ng	96

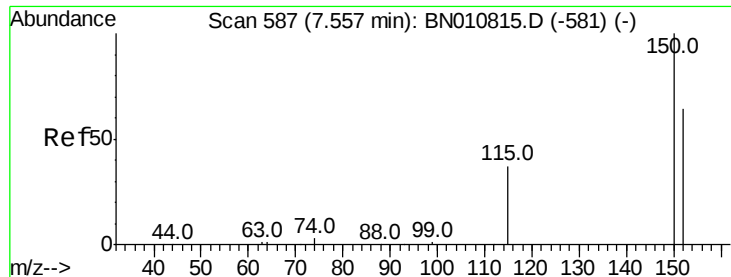
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 18 14:14:42 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.53 min Scan# 584

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

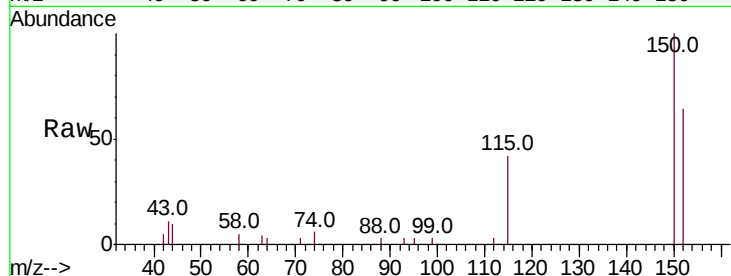
Tot Ion:152 Resp: 2447

Ion Ratio Lower Upper

152 100

150 155.9 123.8 185.6

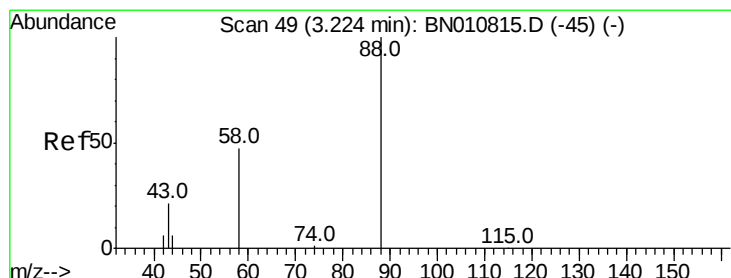
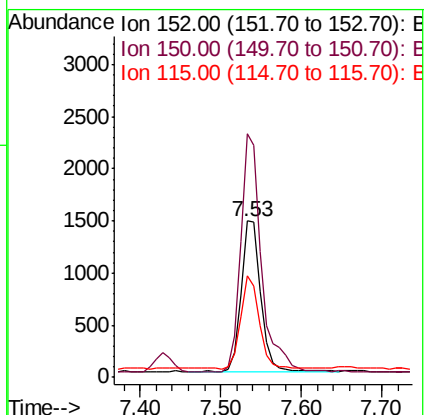
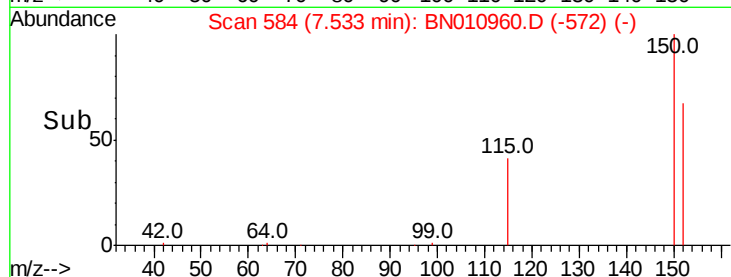
115 65.1 49.2 73.8



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



#2

1,4-Dioxane

Concen: 0.145 ng

RT: 3.22 min Scan# 49

Delta R.T. 0.01 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

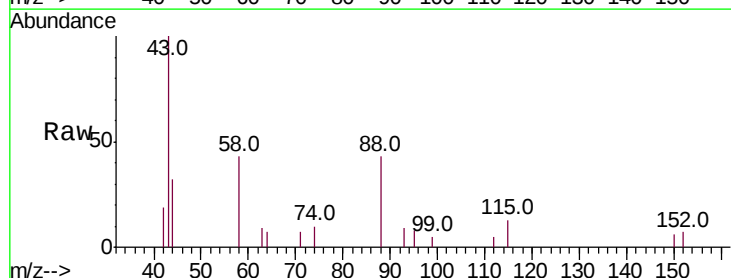
Tgt Ion: 88 Resp: 347

Ion Ratio Lower Upper

88 100

58 57.6 38.2 57.4#

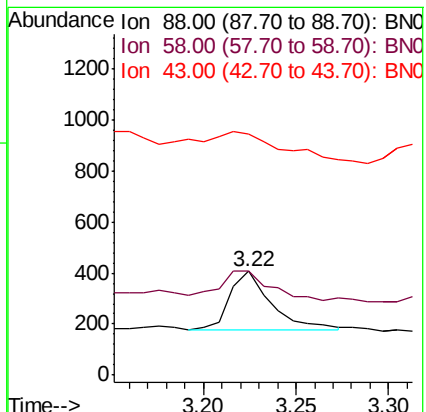
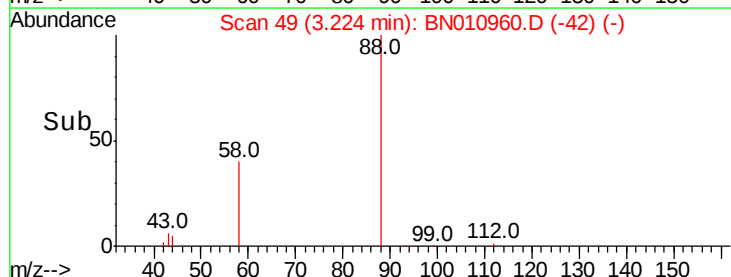
43 77.5 15.1 22.7#

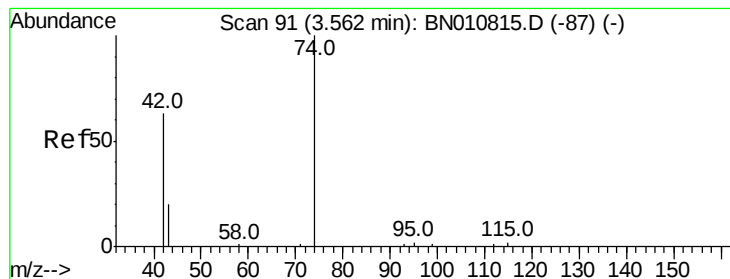


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.234 ng

RT: 3.53 min Scan# 87

Delta R.T. -0.03 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

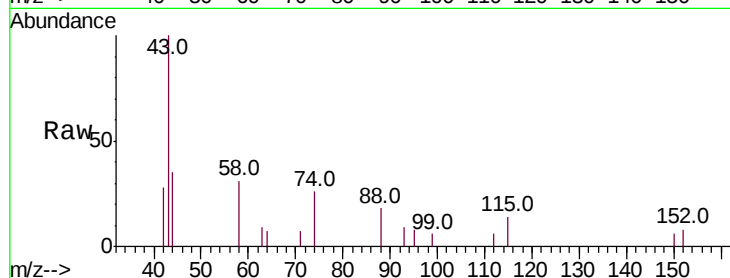
Tot Ion: 42 Resp: 326

Ion Ratio Lower Upper

42 100

74 141.7 140.7 211.1

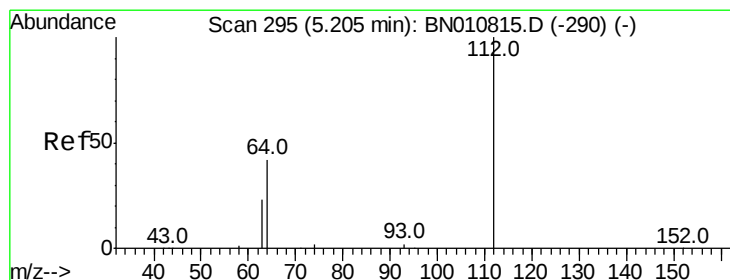
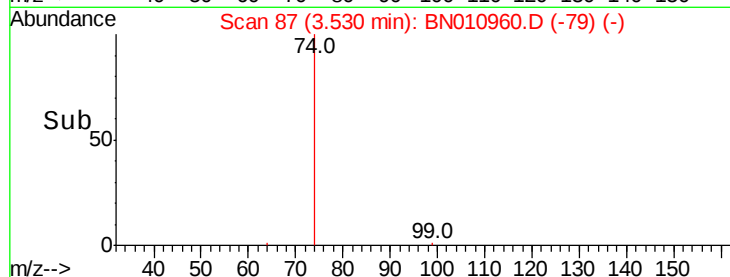
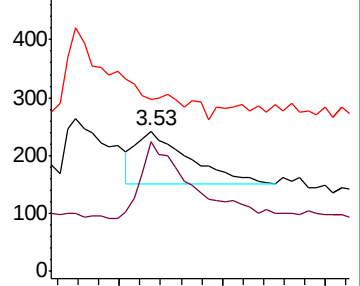
44 0.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN010815.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN010815.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN010815.D (-87) (-)



#4

2-Fluorophenol

Concen: 0.222 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

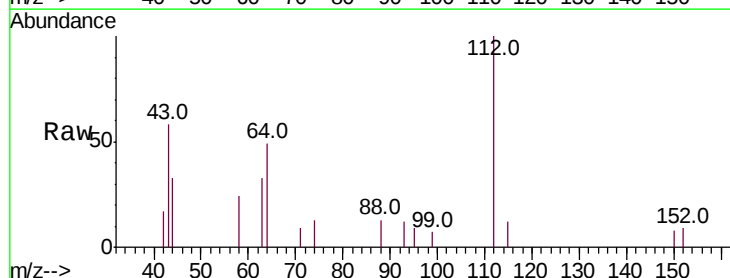
Tgt Ion: 112 Resp: 1048

Ion Ratio Lower Upper

112 100

64 49.3 37.4 56.0

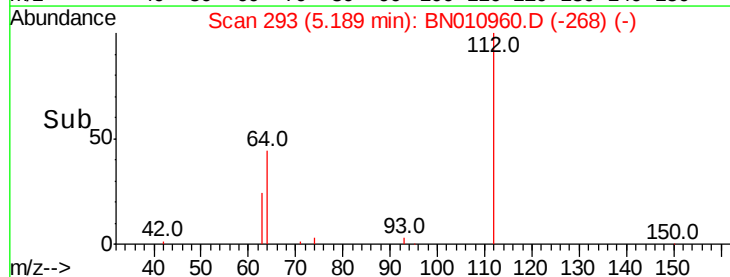
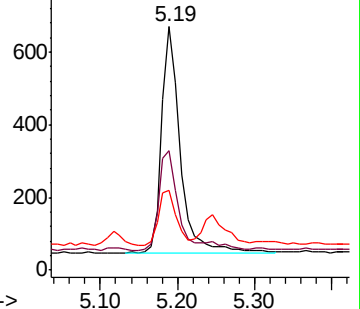
63 23.5 22.2 33.4

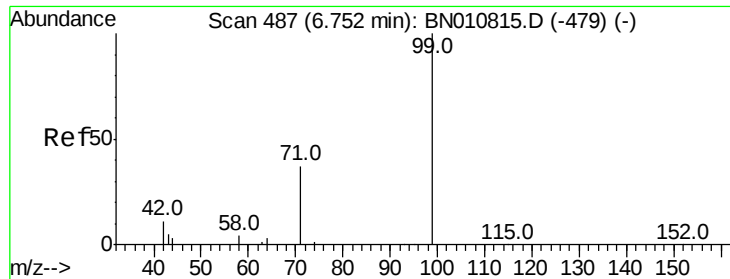


Abundance Ion 112.00 (111.70 to 112.70): BN010815.D (-290) (-)

Ion 64.00 (63.70 to 64.70): BN010815.D (-290) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-290) (-)





#5

Phenol-d6

Concen: 0.155 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

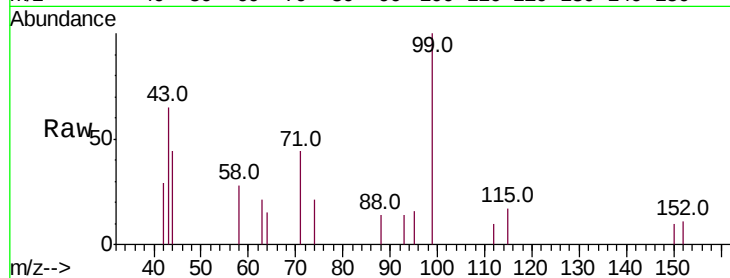
Tot Ion: 99 Resp: 865

Ion Ratio Lower Upper

99 100

42 18.6 11.1 16.7#

71 53.9 31.4 47.2#



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)

6.74

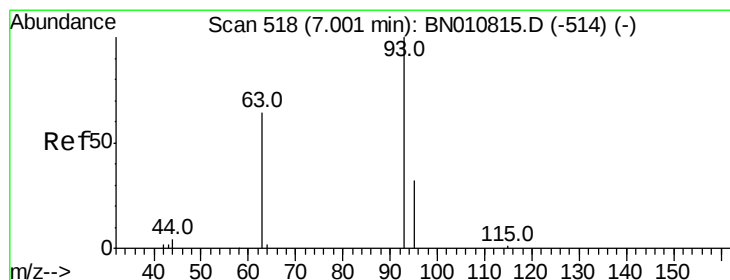
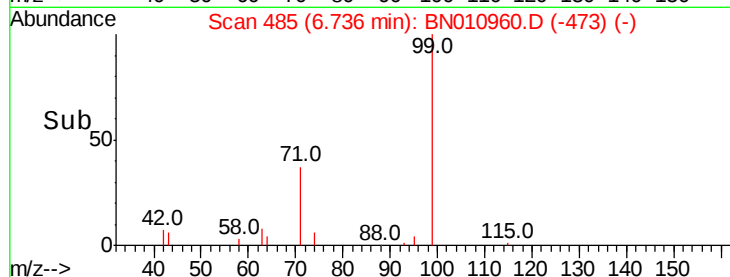
400

200

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.364 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

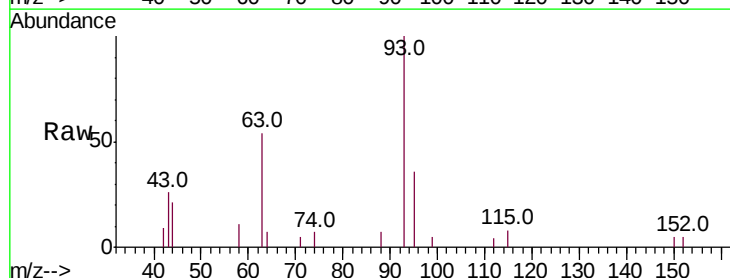
Tgt Ion: 93 Resp: 1974

Ion Ratio Lower Upper

93 100

63 55.2 49.4 74.2

95 33.0 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)

6.99

1500

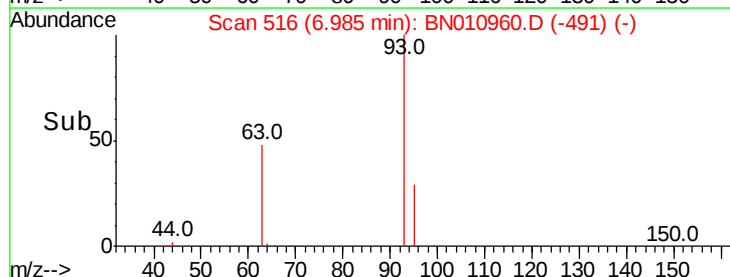
1000

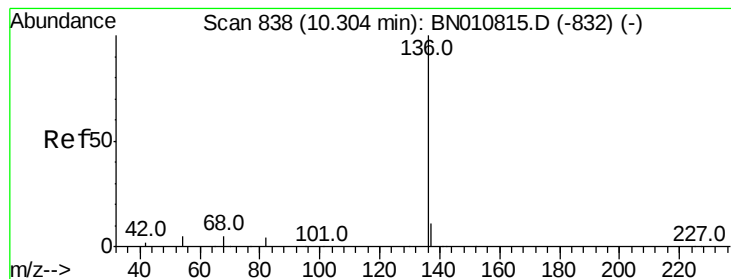
500

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

Tot Ion:136 Resp: 8897

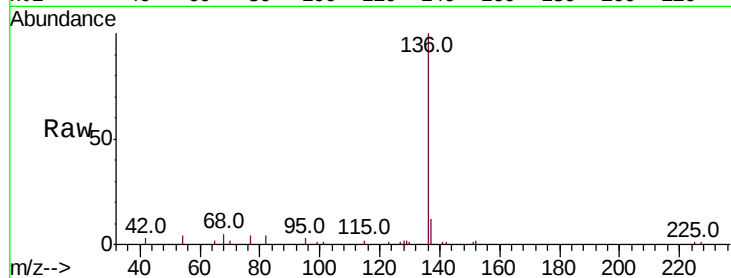
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 3.7 4.9 7.3#

68 4.9 4.7 7.1

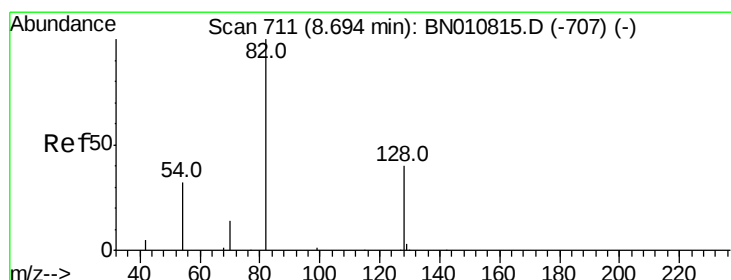
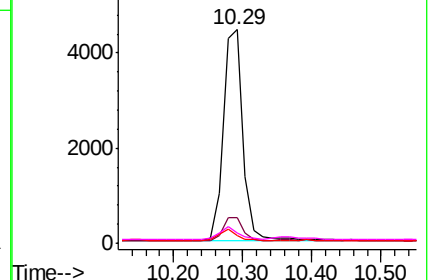
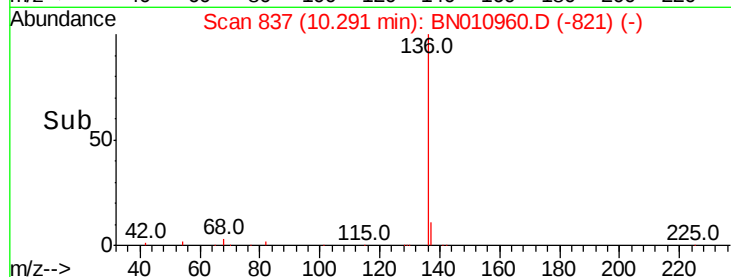


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.413 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

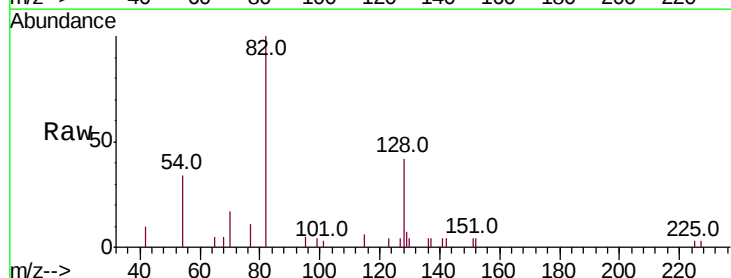
Tgt Ion: 82 Resp: 2720

Ion Ratio Lower Upper

82 100

128 42.5 35.4 53.0

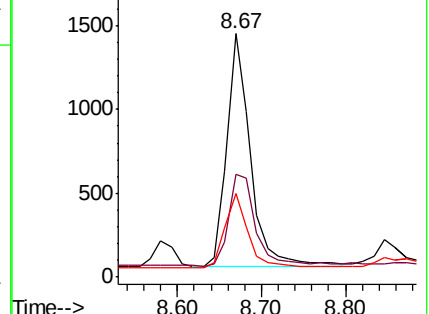
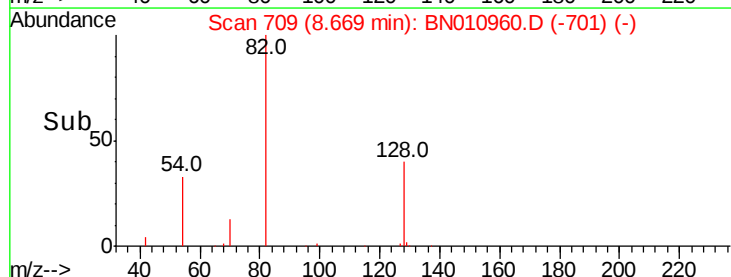
54 34.3 28.2 42.4



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: 0.338 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

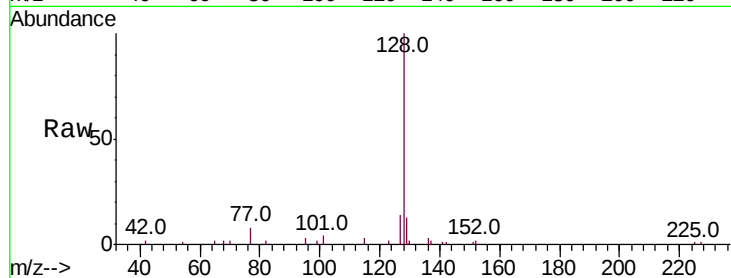
Tot Ion:128 Resp: 7566

Ion Ratio Lower Upper

128 100

129 13.0 9.6 14.4

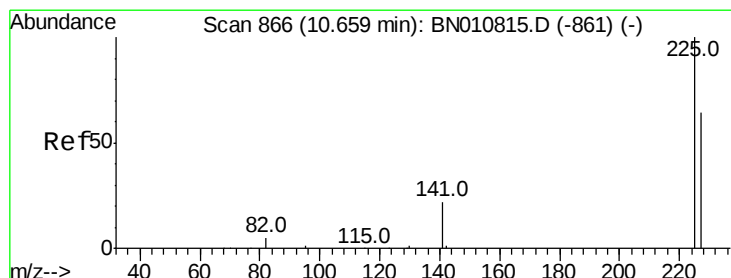
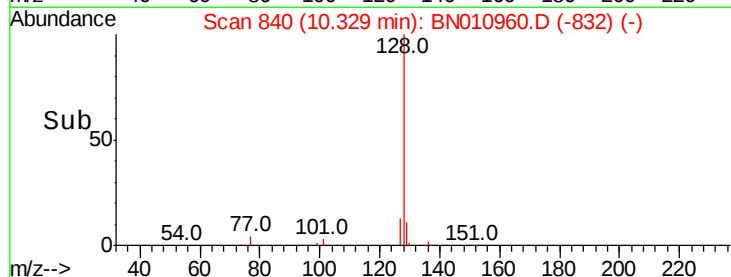
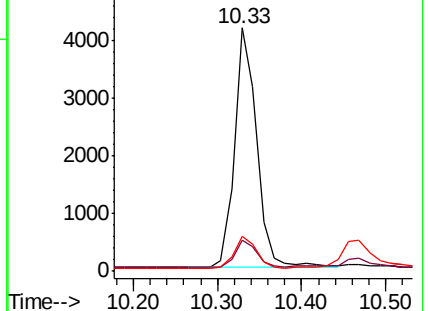
127 14.4 11.4 17.2



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

Hexachlorobutadiene

Concen: 0.259 ng

RT: 10.63 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

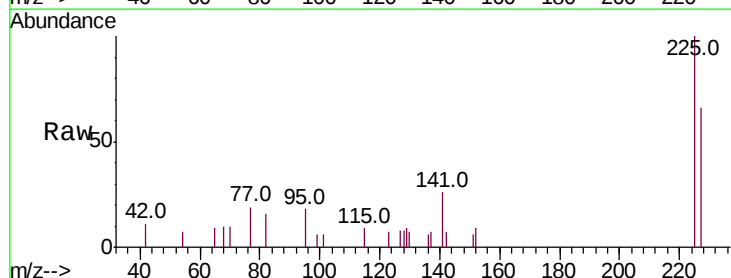
Tgt Ion:225 Resp: 1430

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

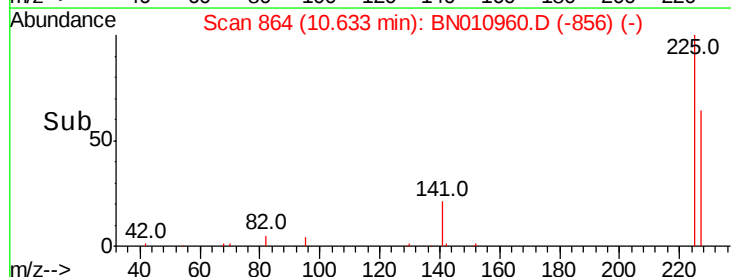
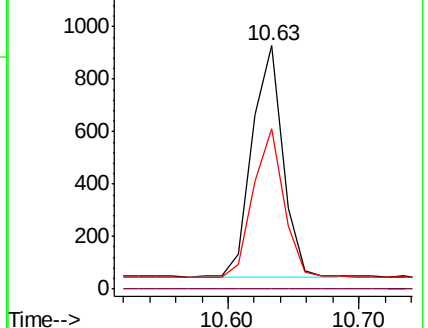
227 63.7 50.5 75.7

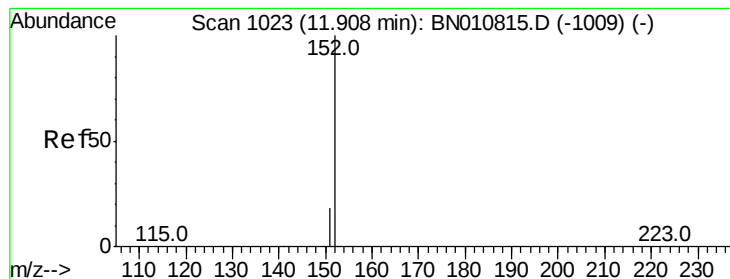


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 11.88 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

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ClientSampleId :

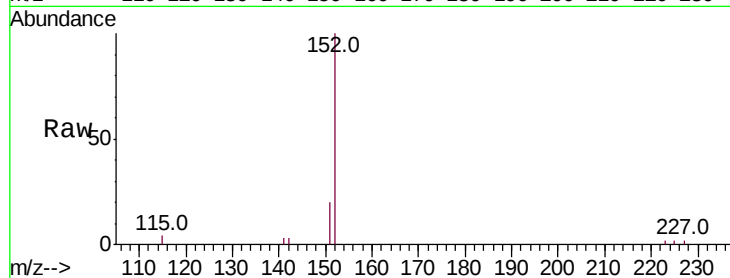
MW-23MS

Tot Ion:152 Resp: 5042

Ion Ratio Lower Upper

152 100

151 17.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.88

3000

2500

2000

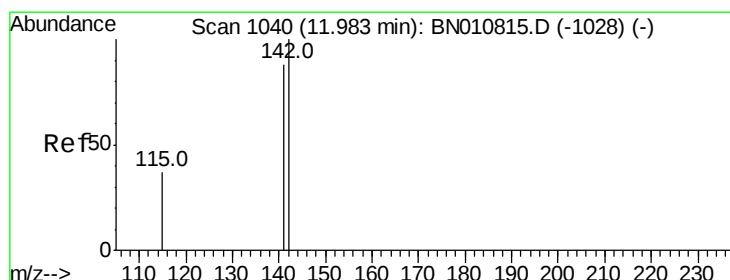
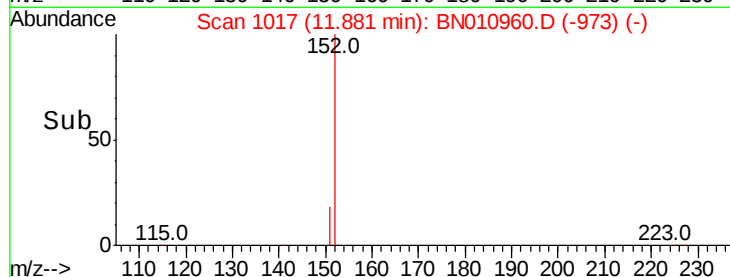
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.357 ng

RT: 11.96 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

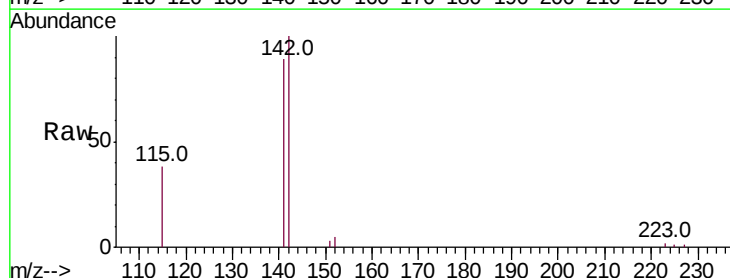
Tgt Ion:142 Resp: 5338

Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2

115 37.8 31.5 47.3



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

4000

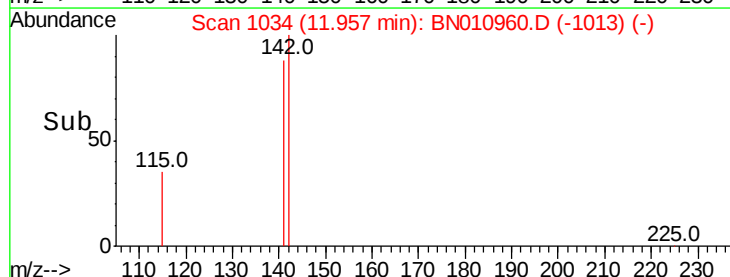
3000

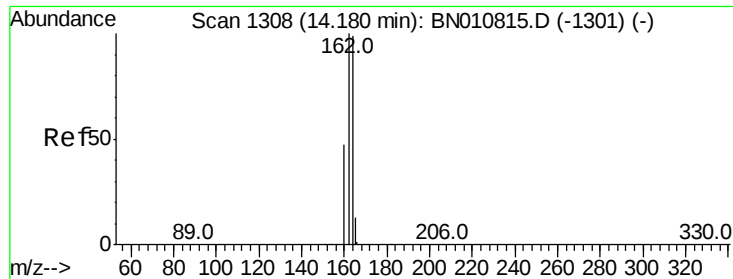
2000

1000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

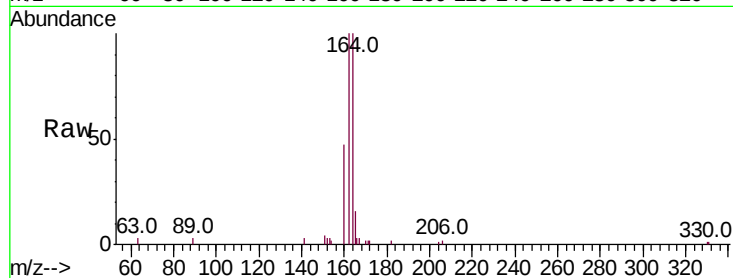
Tot Ion:164 Resp: 4902

Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.6

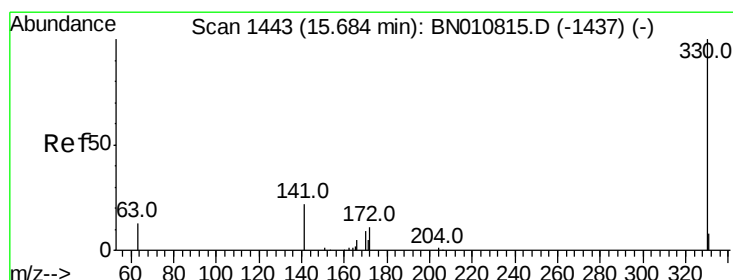
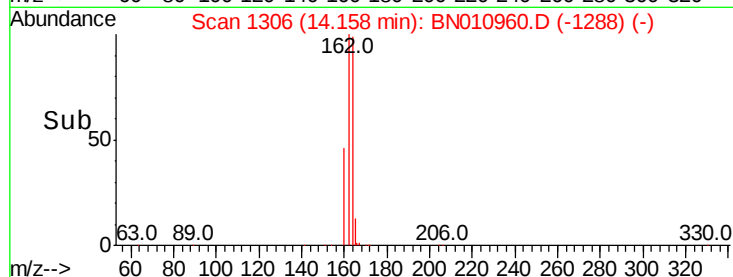
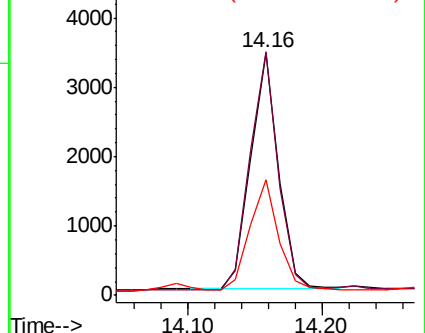
160 47.5 38.9 58.3



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: 0.575 ng

RT: 15.66 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

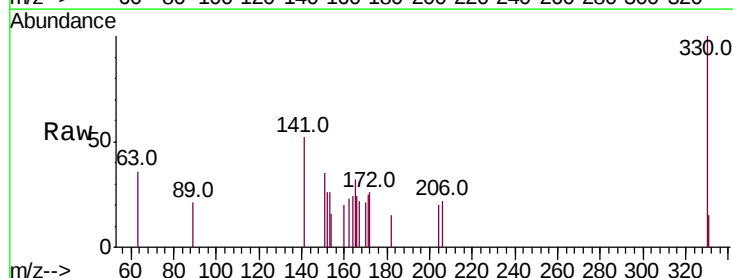
Tgt Ion:330 Resp: 1008

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

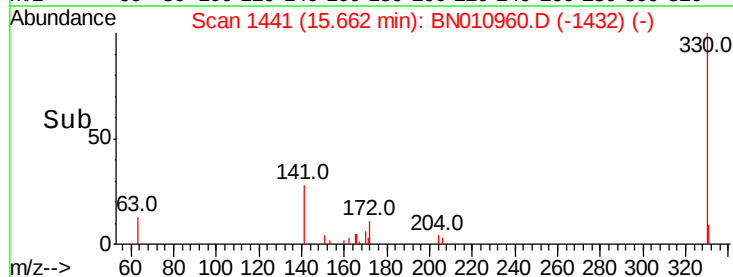
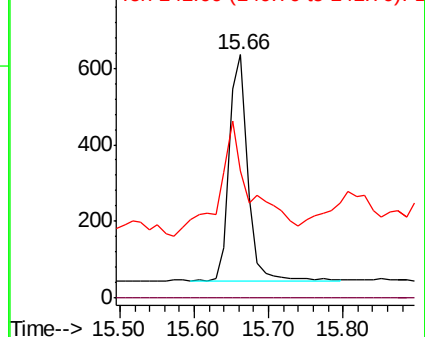
141 66.8 33.2 49.8#



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

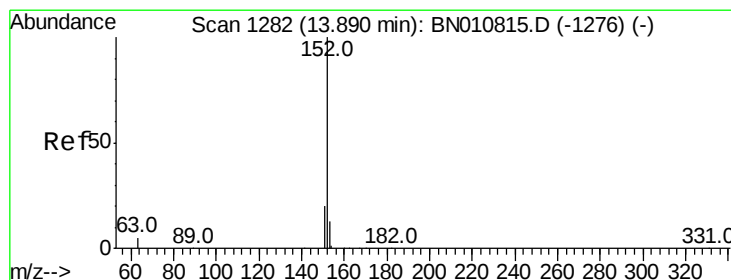
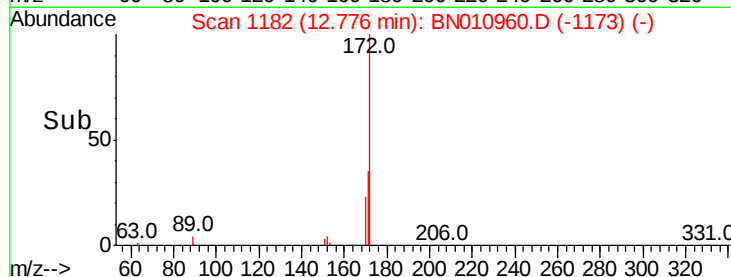
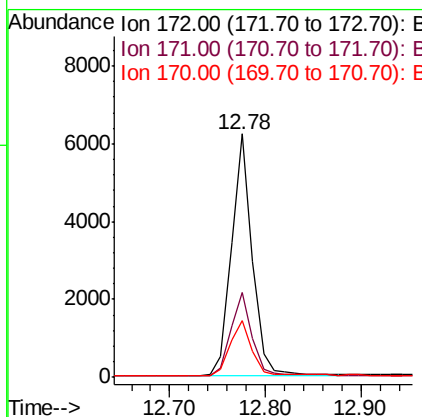
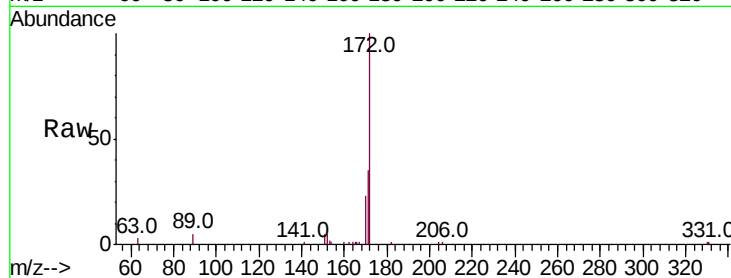




#15
2-Fluorobiphenyl
Concen: 0.485 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

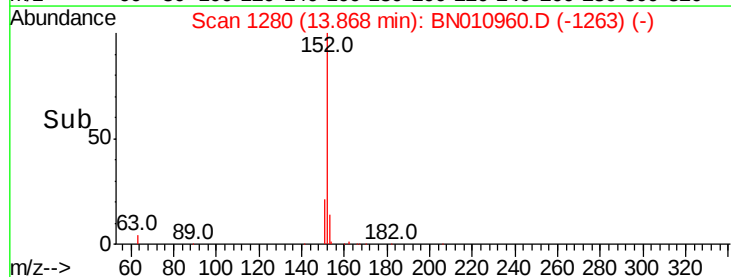
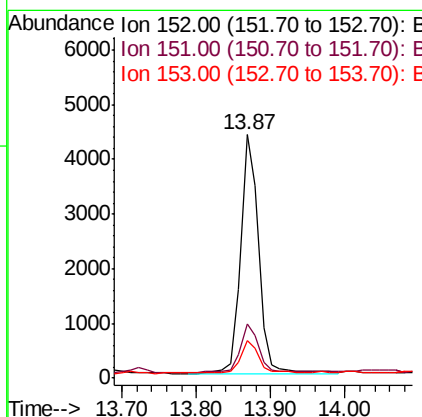
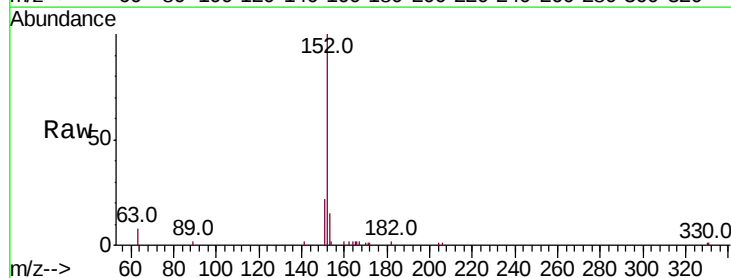
Instrument :
BNA_N
ClientSampleId :
MW-23MS

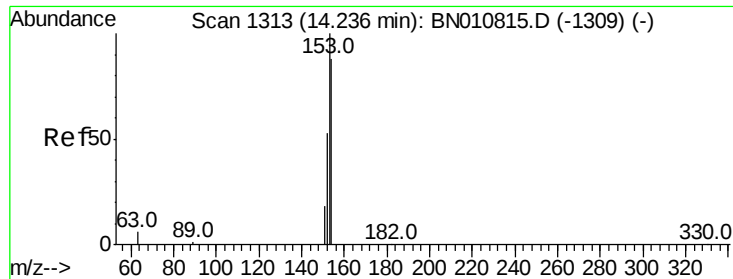
Tot Ion:172 Resp: 9374
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.1 19.7 29.5



#16
Acenaphthylene
Concen: 0.366 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:152 Resp: 7340
Ion Ratio Lower Upper
152 100
151 20.6 15.6 23.4
153 14.8 10.6 16.0





#17

Acenaphthene

Concen: 0.344 ng

RT: 14.21 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

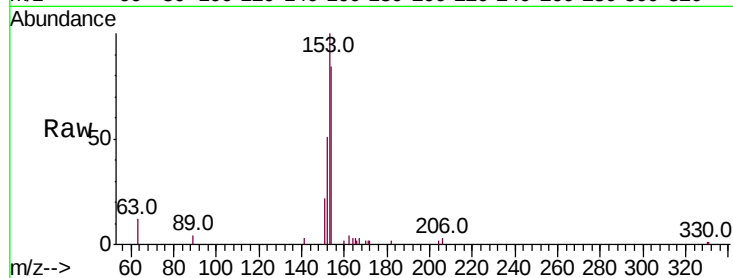
Tot Ion:154 Resp: 4715

Ion Ratio Lower Upper

154 100

153 117.9 91.8 137.6

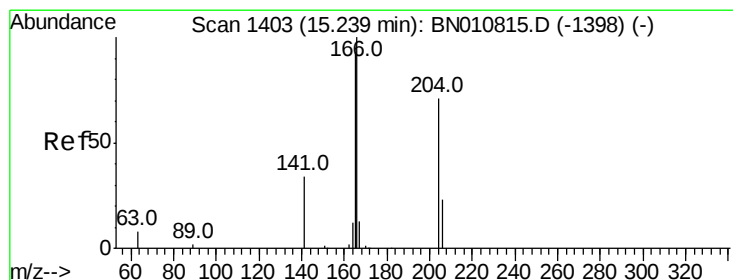
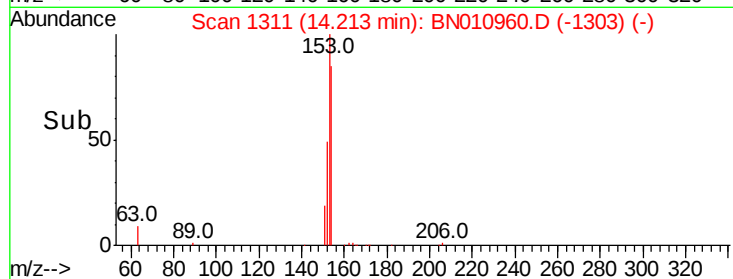
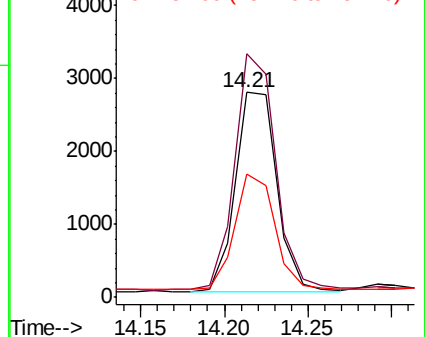
152 56.3 47.6 71.4



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: 0.376 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

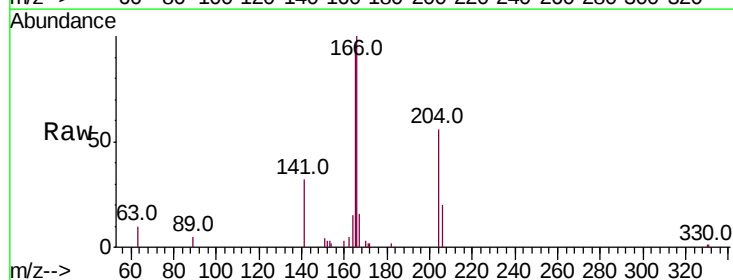
Tgt Ion:166 Resp: 6645

Ion Ratio Lower Upper

166 100

165 97.6 77.2 115.8

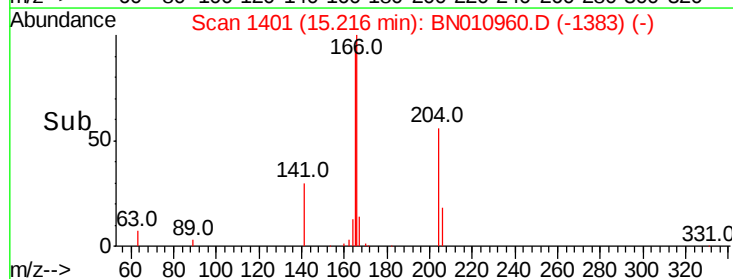
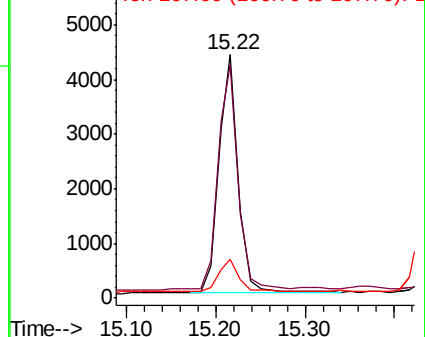
167 14.6 10.7 16.1

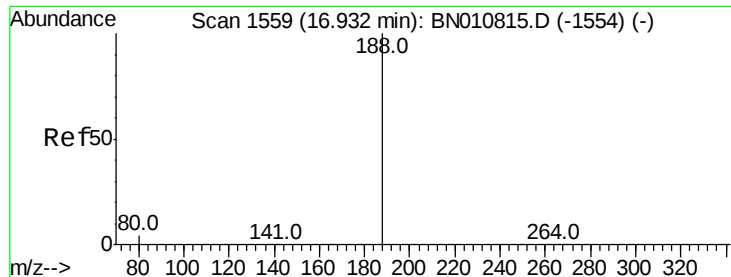


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

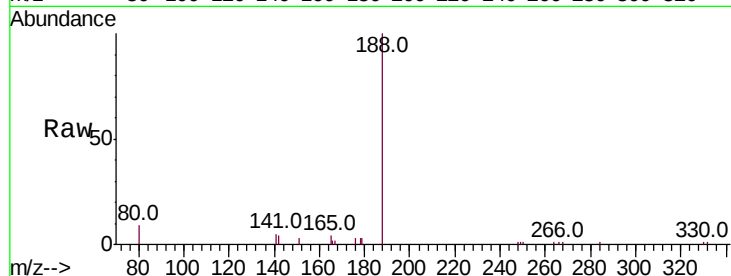
Tot Ion:188 Resp: 10734

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

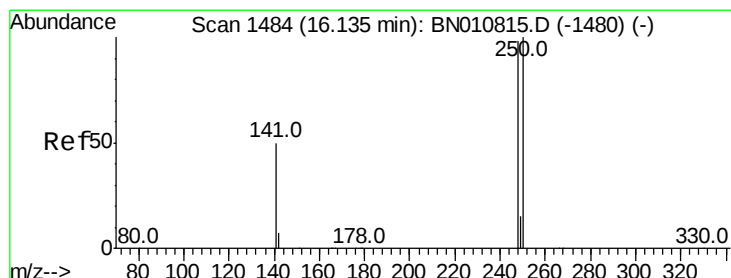
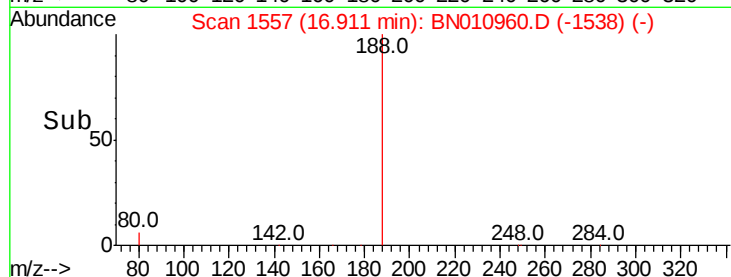
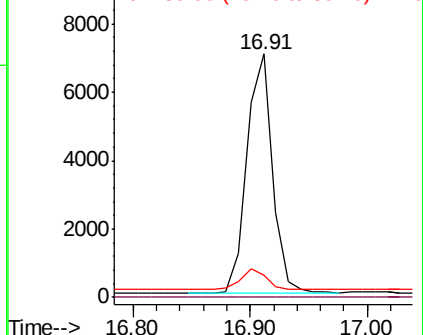
80 9.2 4.5 6.7#



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



#20

4-Bromophenyl-phenylether

Concen: 0.376 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

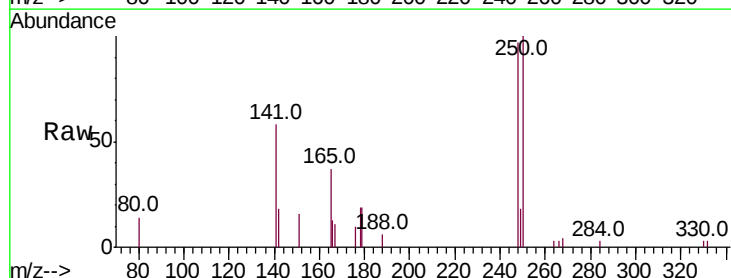
Tgt Ion:248 Resp: 2427

Ion Ratio Lower Upper

248 100

250 103.1 81.8 122.8

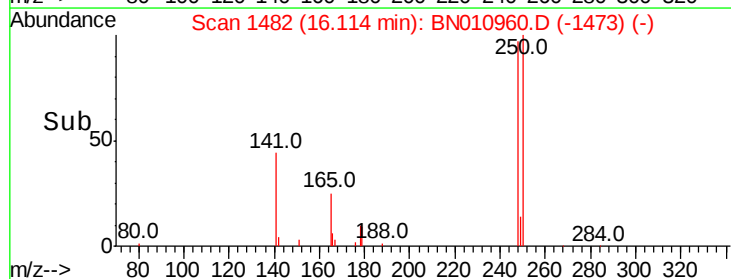
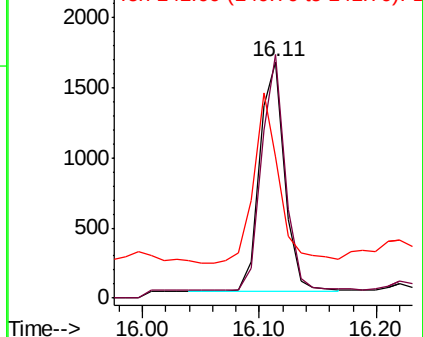
141 59.9 42.6 64.0

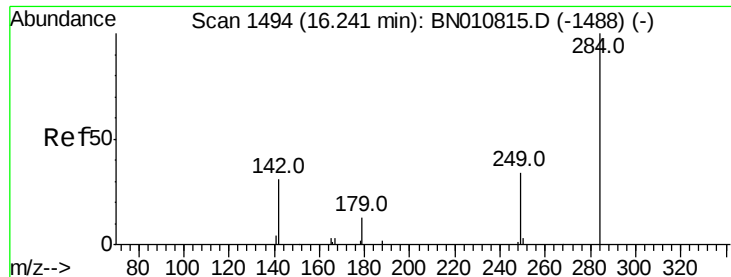


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

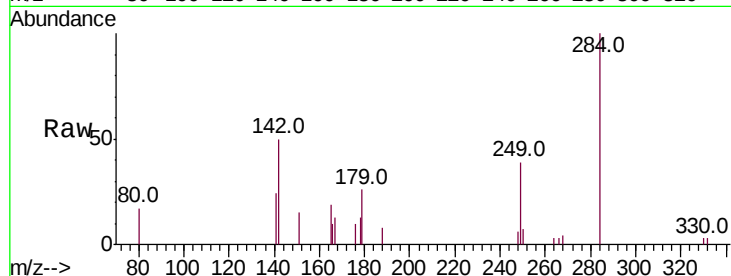




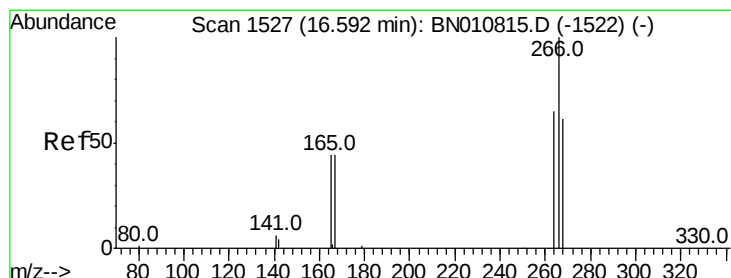
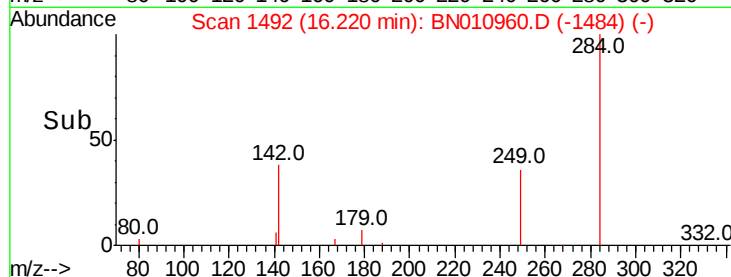
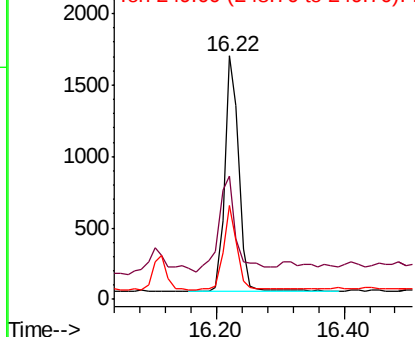
#21
Hexachlorobenzene
Concen: 0.368 ng
RT: 16.22 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	51.2	31.0	46.4#
249	33.6	27.1	40.7

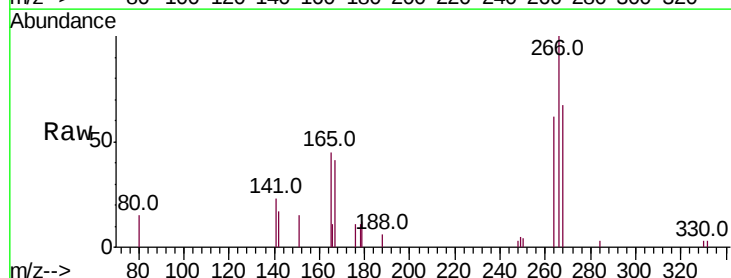


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

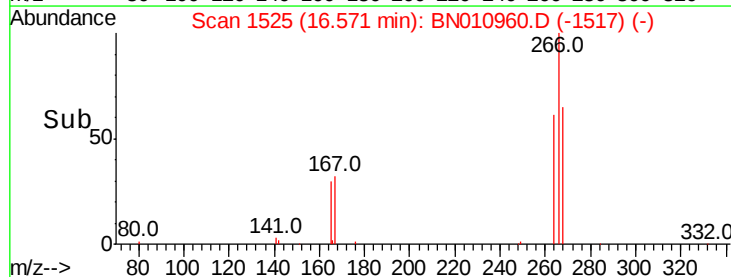
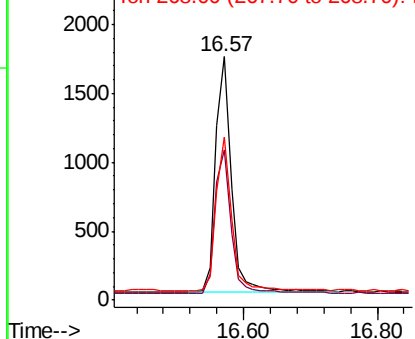


#22
Pentachlorophenol
Concen: 1.241 ng
RT: 16.57 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.9	54.8	82.2
268	67.1	55.9	83.9



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

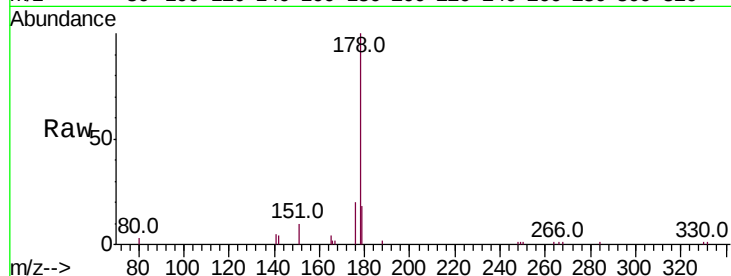
Tot Ion:178 Resp: 11944

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

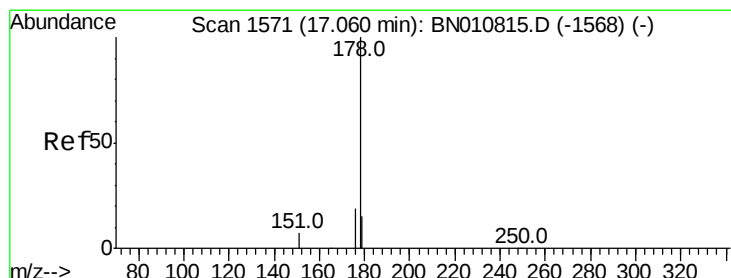
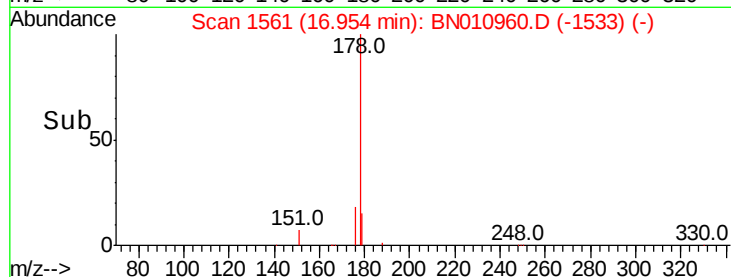
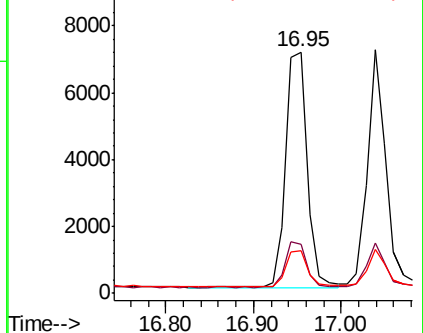
179 15.9 12.6 19.0



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



#24

Anthracene

Concen: 0.428 ng

RT: 17.04 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

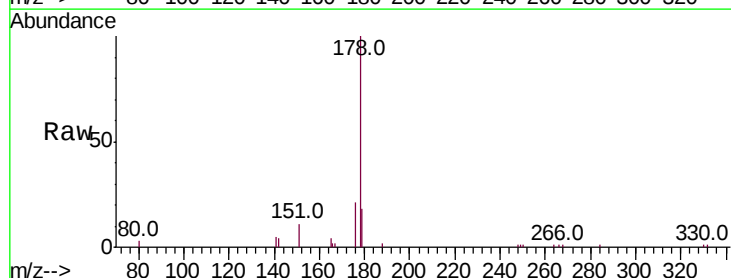
Tgt Ion:178 Resp: 10475

Ion Ratio Lower Upper

178 100

176 19.3 14.6 22.0

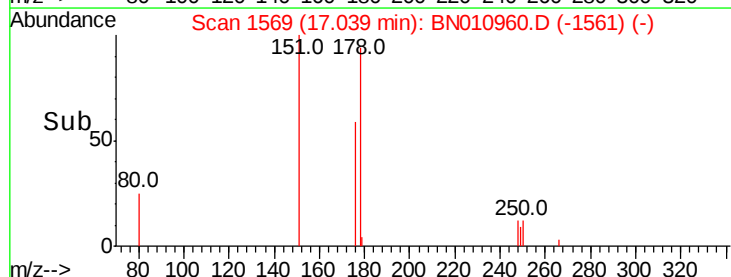
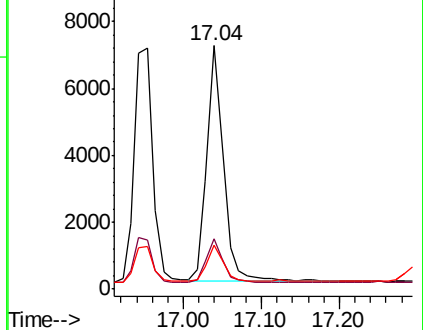
179 15.0 12.3 18.5

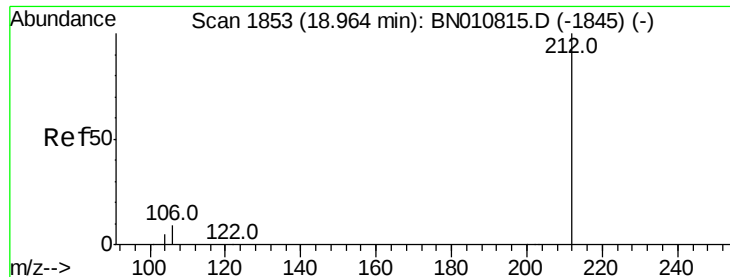


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 18.95 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

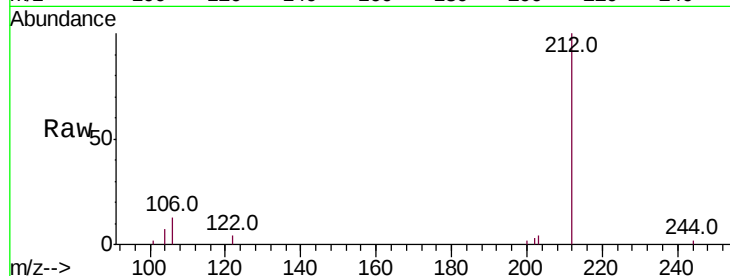
Tot Ion:212 Resp: 11822

Ion Ratio Lower Upper

212 100

106 10.2 6.6 10.0#

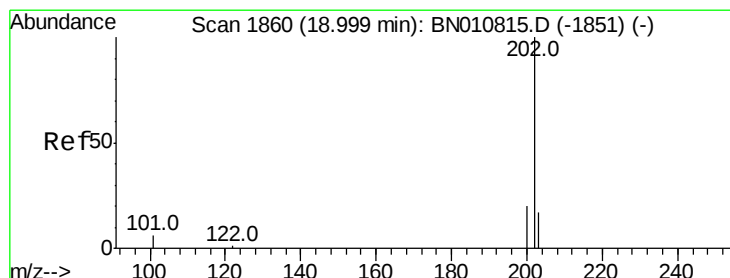
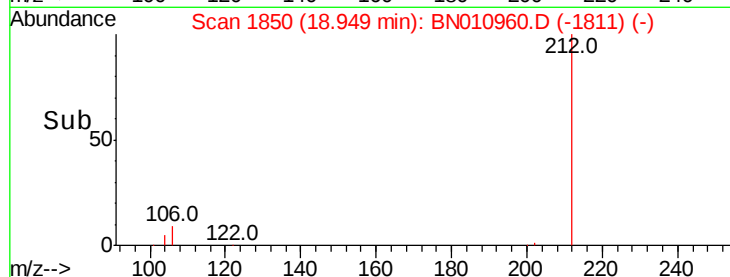
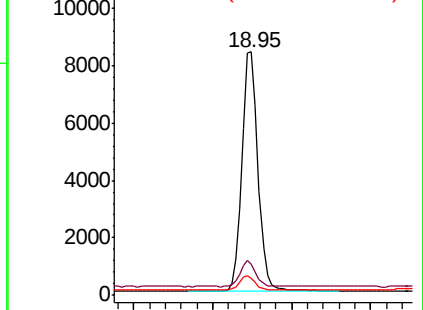
104 5.7 4.0 6.0



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: 0.425 ng

RT: 18.98 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

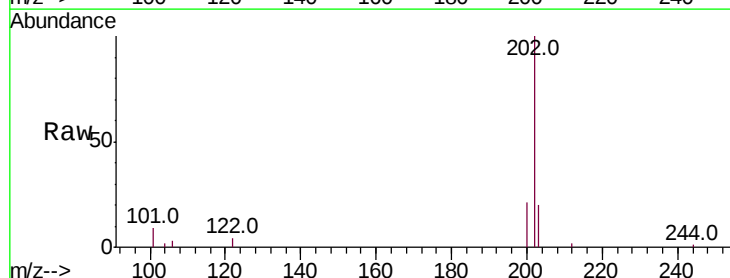
Tgt Ion:202 Resp: 14158

Ion Ratio Lower Upper

202 100

101 8.9 5.8 8.6#

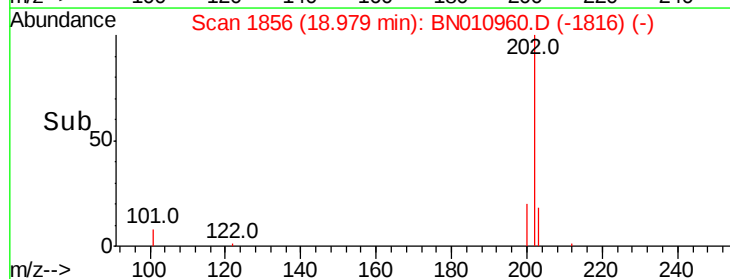
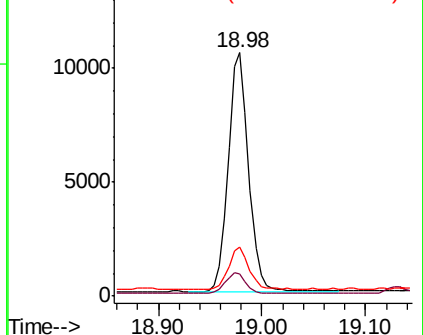
203 17.5 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

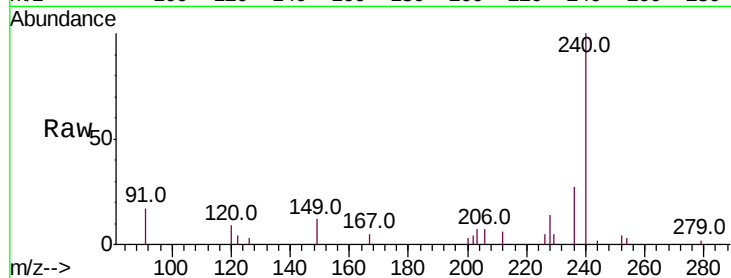
Tot Ion:240 Resp: 10255

Ion Ratio Lower Upper

240 100

120 8.8 7.5 11.3

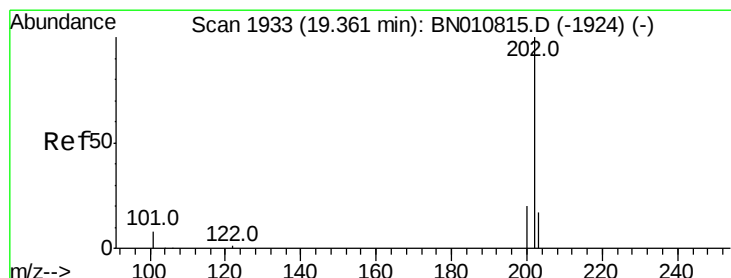
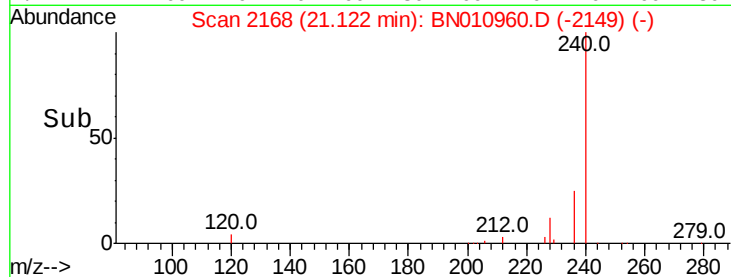
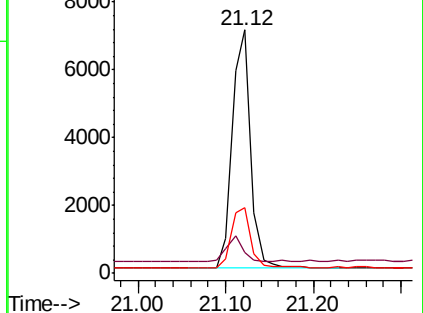
236 27.2 22.3 33.5



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



#28

Pyrene

Concen: 0.424 ng

RT: 19.34 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

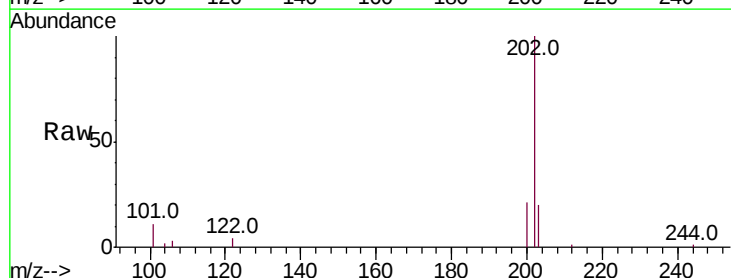
Tgt Ion:202 Resp: 14390

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

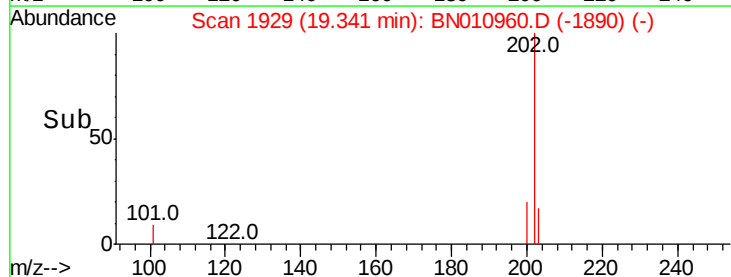
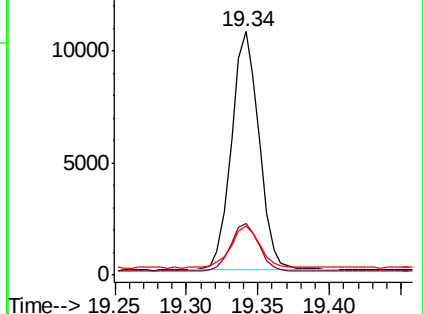
203 19.0 14.2 21.4

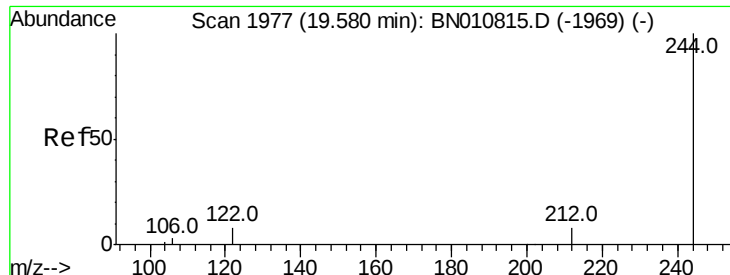


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.596 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

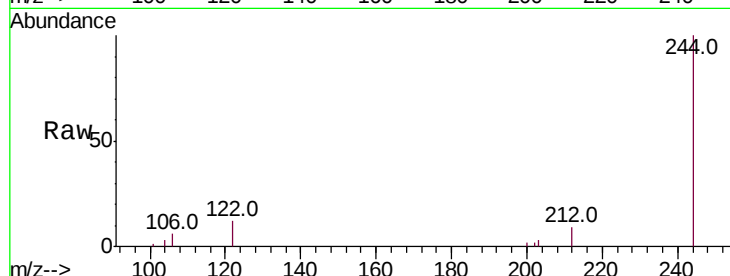
Tot Ion:244 Resp: 14304

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.2

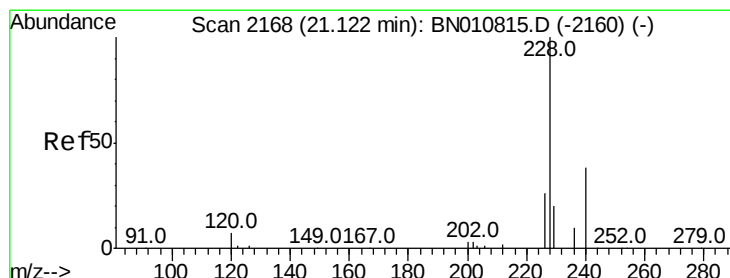
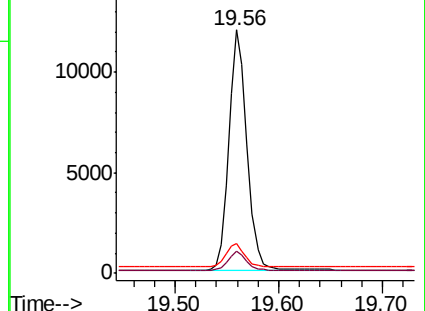
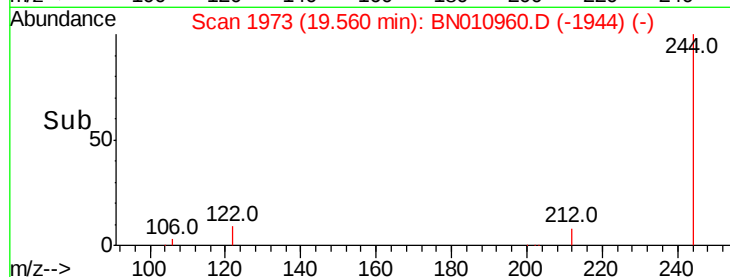
122 12.0 7.5 11.3#



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



#30

Benzo(a)anthracene

Concen: 0.437 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

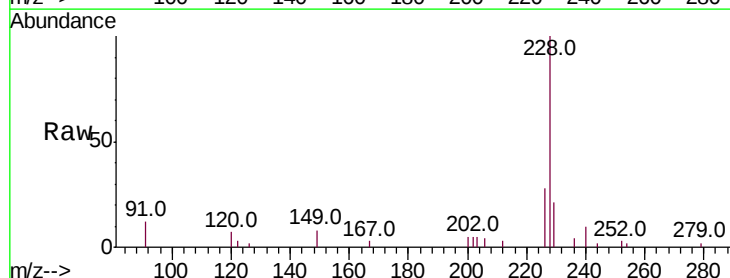
Tgt Ion:228 Resp: 13185

Ion Ratio Lower Upper

228 100

226 28.0 21.3 31.9

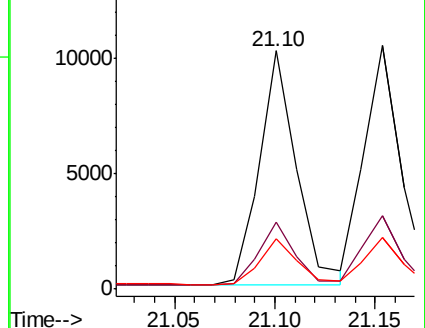
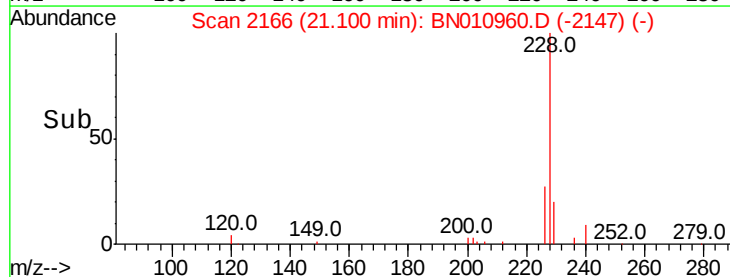
229 21.4 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.370 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampled :

MW-23MS

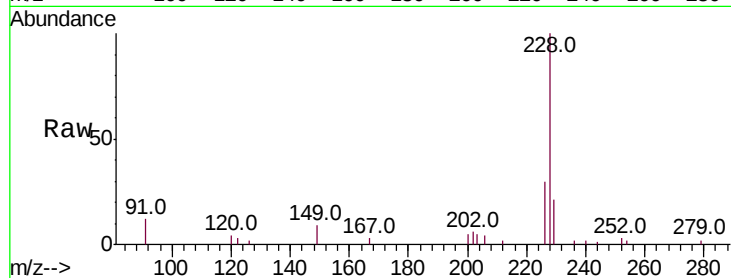
Tot Ion:228 Resp: 12992

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

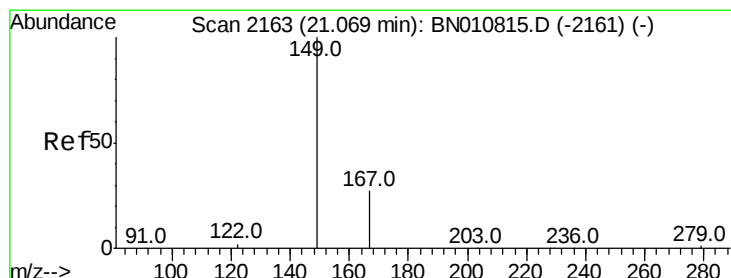
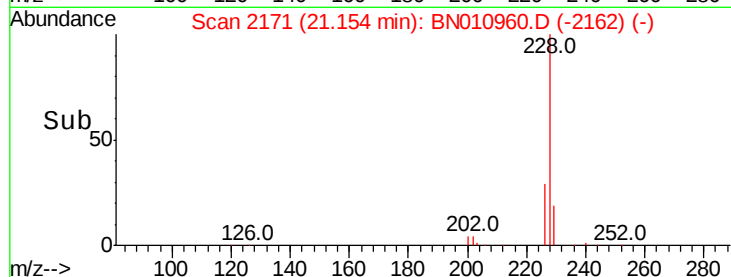
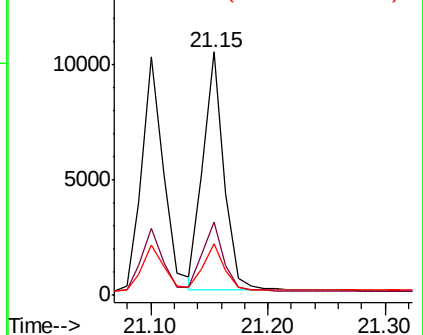
229 21.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.681 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

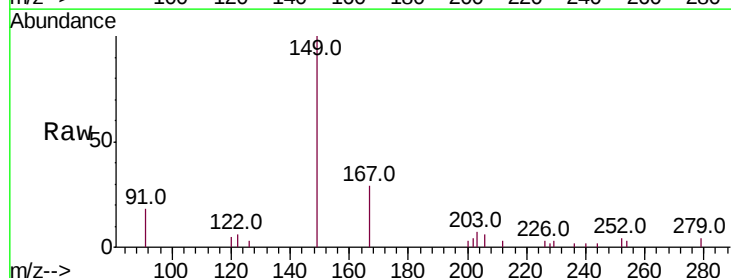
Tgt Ion:149 Resp: 6847

Ion Ratio Lower Upper

149 100

167 27.7 24.1 36.1

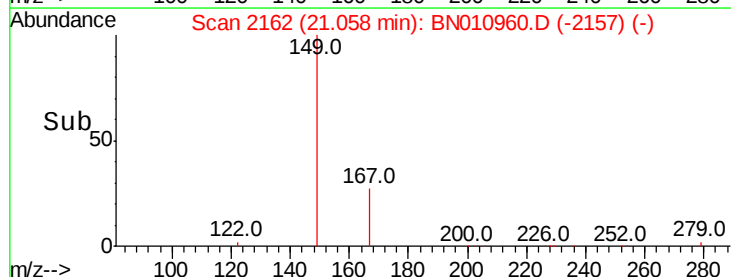
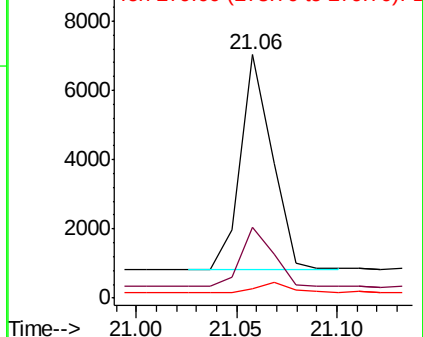
279 4.8 4.6 7.0

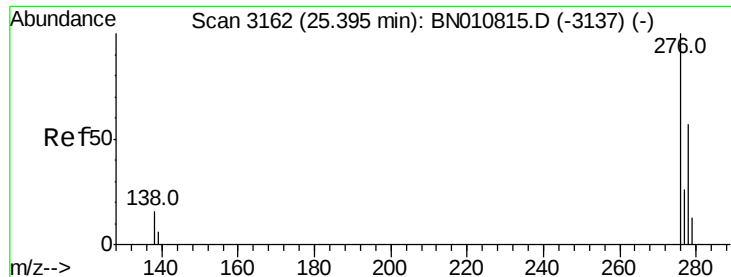


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.377 ng

RT: 25.36 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

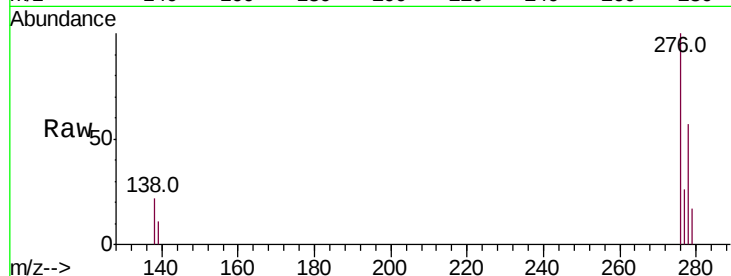
Tot Ion:276 Resp: 14816

Ion Ratio Lower Upper

276 100

138 20.7 13.0 19.6#

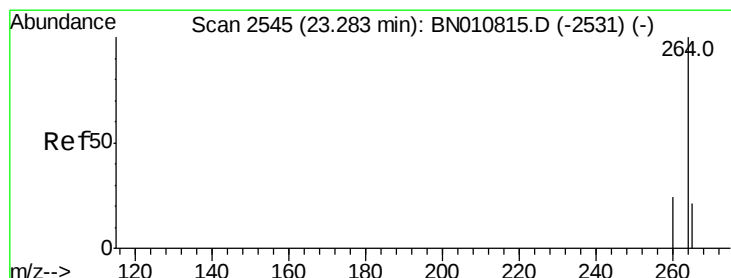
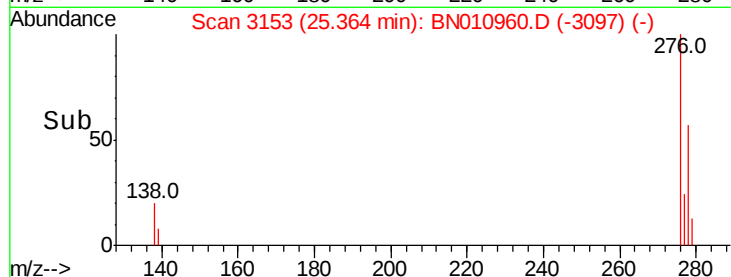
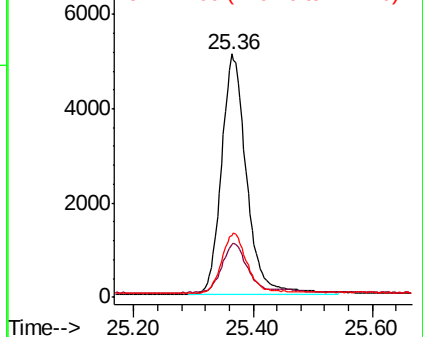
277 24.7 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

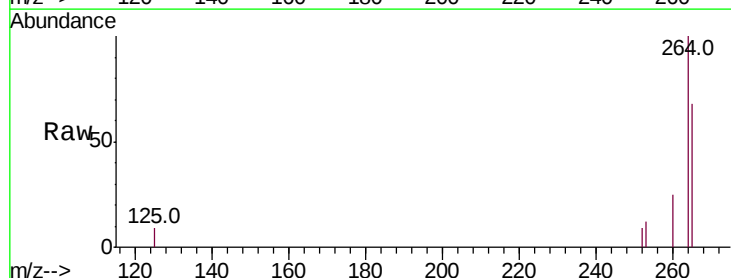
Tgt Ion:264 Resp: 10923

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

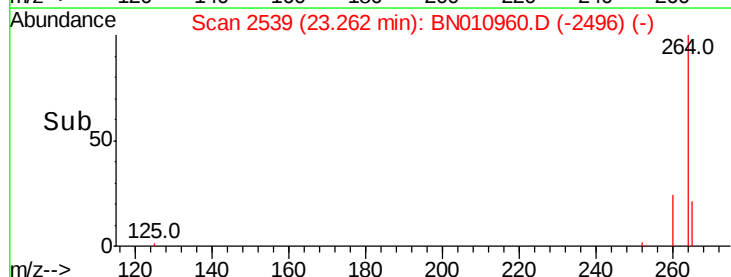
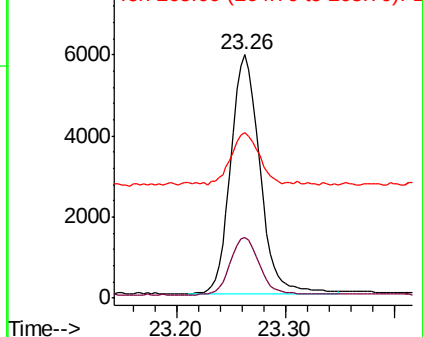
265 68.1 75.0 112.4#



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

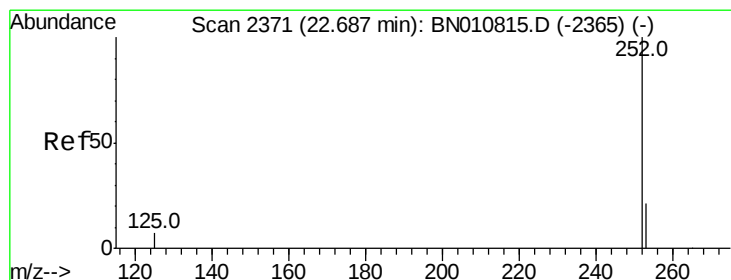
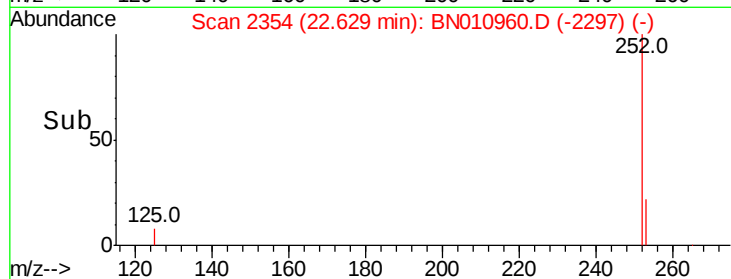
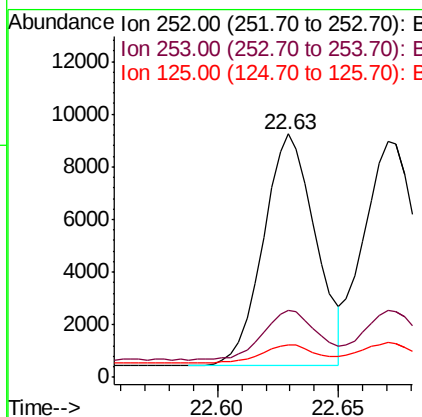
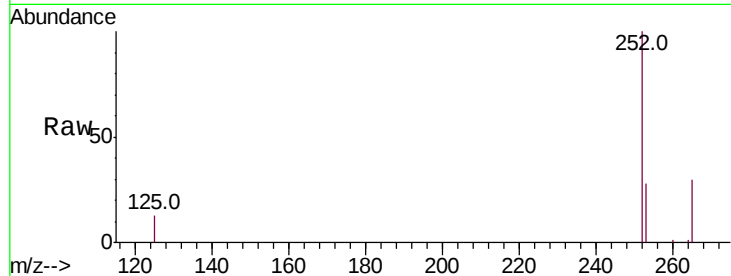




#35
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 22.63 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

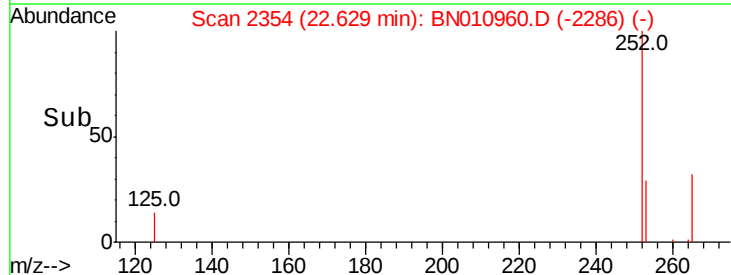
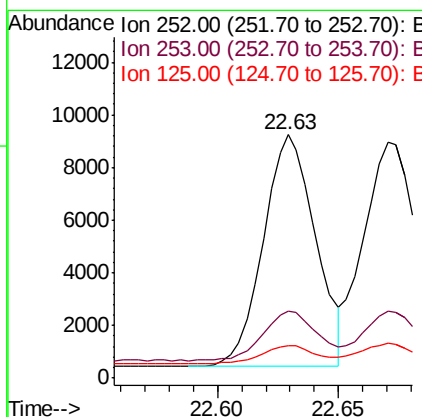
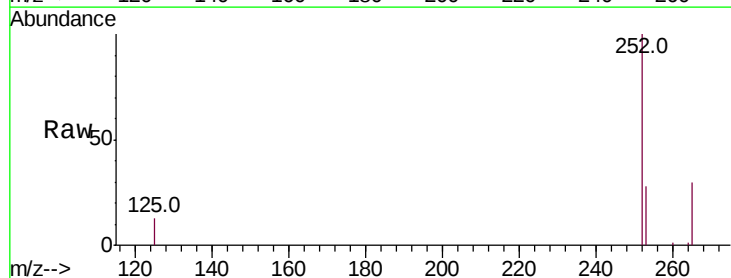
Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tot Ion:252 Resp: 13238
Ion Ratio Lower Upper
252 100
253 27.7 22.4 33.6
125 13.4 9.4 14.0



#36
Benzo(k)fluoranthene
Concen: 0.335 ng
RT: 22.63 min Scan# 2354
Delta R.T. -0.04 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:252 Resp: 13238
Ion Ratio Lower Upper
252 100
253 27.7 22.2 33.4
125 13.4 9.8 14.8





#37

Benzo(a)pyrene

Concen: 0.360 ng

RT: 23.17 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

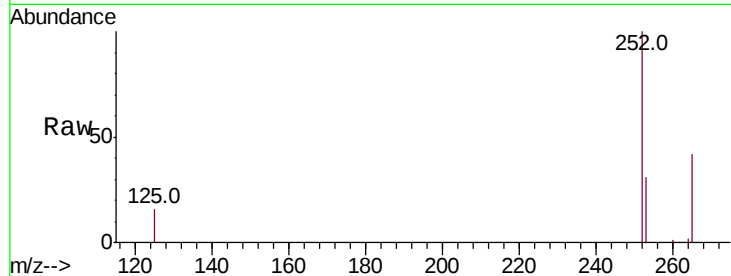
Tot Ion:252 Resp: 11474

Ion Ratio Lower Upper

252 100

253 30.8 25.8 38.8

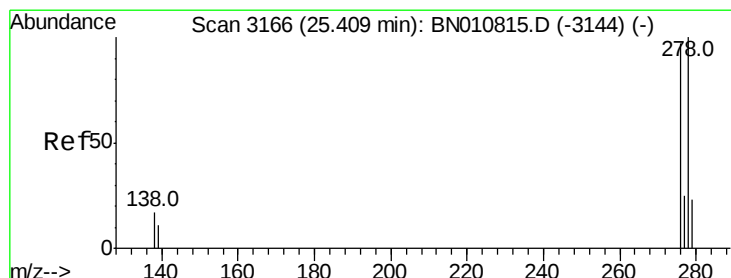
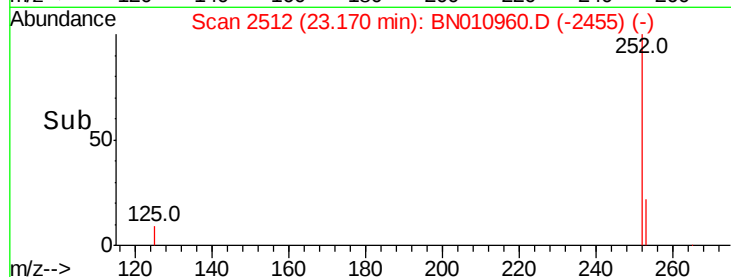
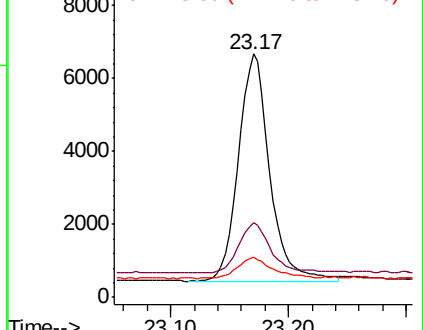
125 16.3 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.333 ng

RT: 25.38 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

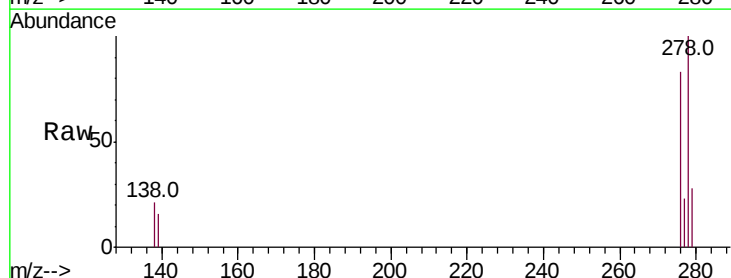
Tgt Ion:278 Resp: 12099

Ion Ratio Lower Upper

278 100

139 15.5 10.6 15.8

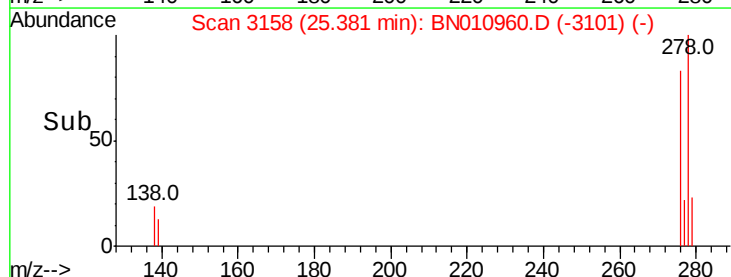
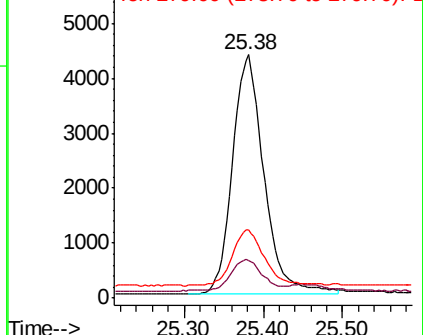
279 27.9 23.6 35.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.340 ng

RT: 26.00 min Scan# 3339

Delta R.T. -0.01 min

Lab File: BN010960.D

Acq: 18 Jun 2020 19:12

Instrument :

BNA_N

ClientSampleId :

MW-23MS

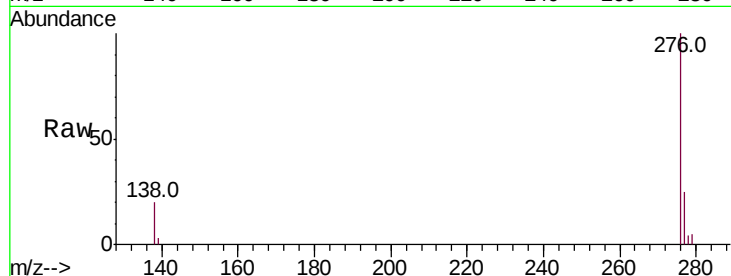
Tot Ion:276 Resp: 12929

Ion Ratio Lower Upper

276 100

277 25.0 20.5 30.7

138 20.3 13.7 20.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

