

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010991.D
 Acq On : 20 Jun 2020 06:11
 Operator : CG/JU
 Sample : L3020-22MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-23MSD

Quant Time: Jun 20 06:56:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2483	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	9115	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	5367	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	11280	0.40	ng	0.00
27) Chrysene-d12	21.11	240	10702	0.40	ng	0.00
34) Perylene-d12	23.25	264	11003	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1226	0.26	ng	0.00
5) Phenol-d6	6.73	99	922	0.16	ng	0.00
8) Nitrobenzene-d5	8.67	82	2979	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.87	152	5662	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	1043	0.54	ng	0.00
15) 2-Fluorobiphenyl	12.77	172	10299	0.49	ng	0.00
25) Fluoranthene-d10	18.94	212	12361	0.40	ng	0.00
29) Terphenyl-d14	19.56	244	14127	0.56	ng	0.00

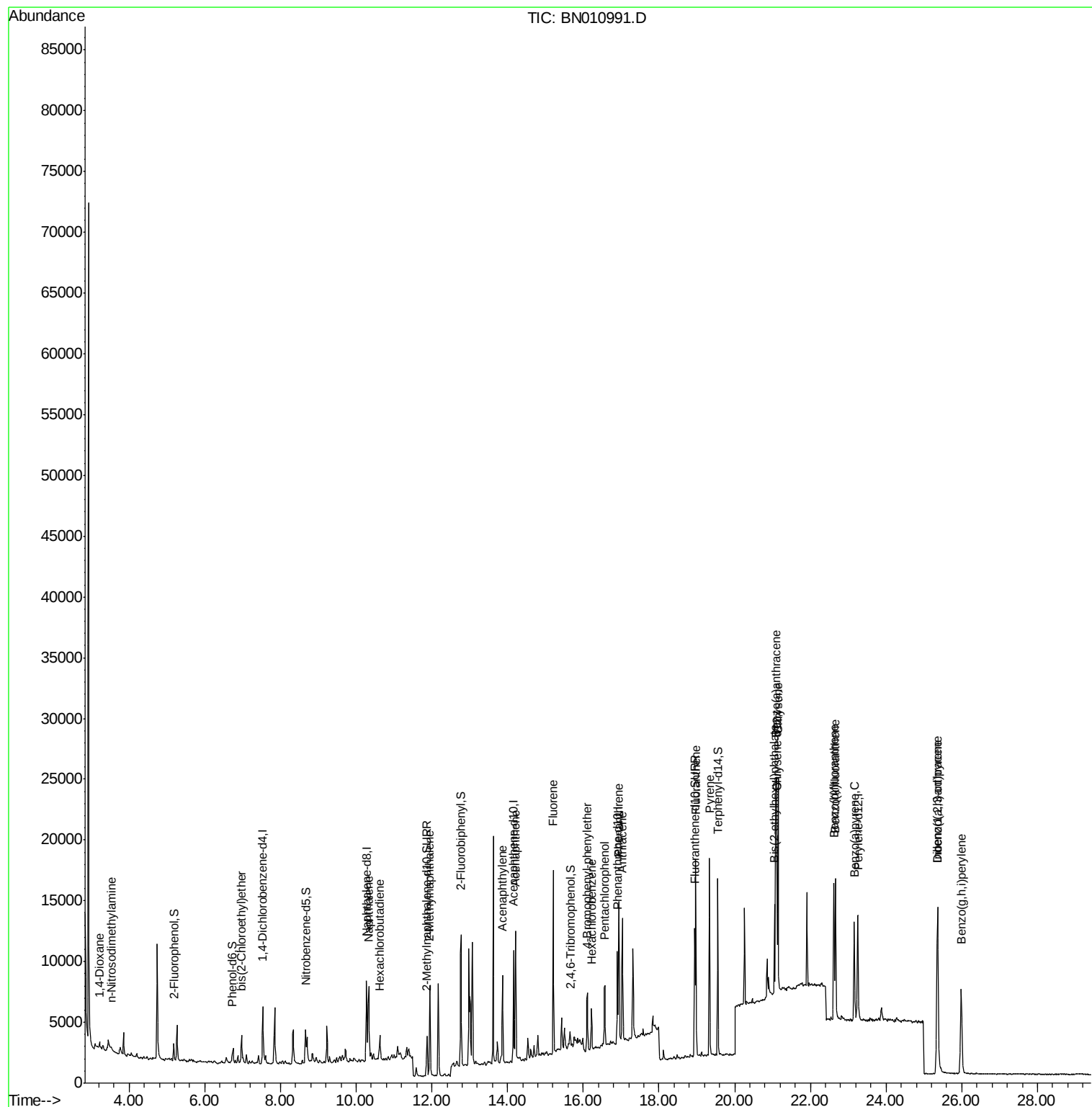
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	405	0.167	ng	# 50
3) n-Nitrosodimethylamine	3.53	42	292	0.207	ng	# 87
6) bis(2-Chloroethyl)ether	6.98	93	2190	0.398	ng	96
9) Naphthalene	10.33	128	8289	0.362	ng	99
10) Hexachlorobutadiene	10.62	225	1561	0.276	ng	# 98
12) 2-Methylnaphthalene	11.95	142	5617	0.366	ng	99
16) Acenaphthylene	13.86	152	7920	0.360	ng	98
17) Acenaphthene	14.21	154	5500	0.367	ng	98
18) Fluorene	15.21	166	7174	0.371	ng	97
20) 4-Bromophenyl-phenylether	16.11	248	2316	0.342	ng	98
21) Hexachlorobenzene	16.22	284	2318	0.328	ng	# 92
22) Pentachlorophenol	16.57	266	2660	1.121	ng	95
23) Phenanthrene	16.94	178	12710	0.413	ng	99
24) Anthracene	17.03	178	11123	0.432	ng	98
26) Fluoranthene	18.97	202	14956	0.428	ng	# 98
28) Pyrene	19.34	202	15123	0.427	ng	99
30) Benzo(a)anthracene	21.09	228	13781	0.438	ng	98
31) Chrysene	21.14	228	13755	0.375	ng	98
32) Bis(2-ethylhexyl)phthalate	21.05	149	7789	0.743	ng	96
33) Indeno(1,2,3-cd)pyrene	25.36	276	15639	0.382	ng	# 96
35) Benzo(b)fluoranthene	22.62	252	13603	0.364	ng	# 97
36) Benzo(k)fluoranthene	22.66	252	13747	0.345	ng	97
37) Benzo(a)pyrene	23.16	252	11607	0.362	ng	98
38) Dibenzo(a,h)anthracene	25.36	278	12896	0.352	ng	# 97
39) Benzo(g,h,i)perylene	25.99	276	13849	0.362	ng	97

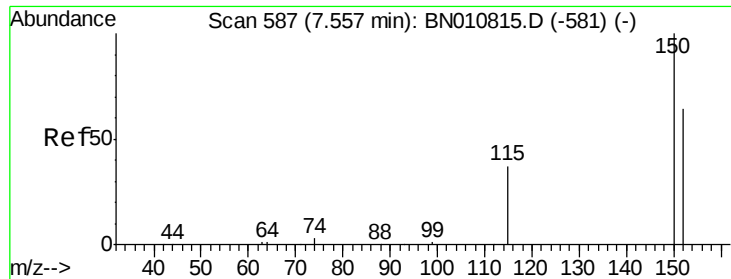
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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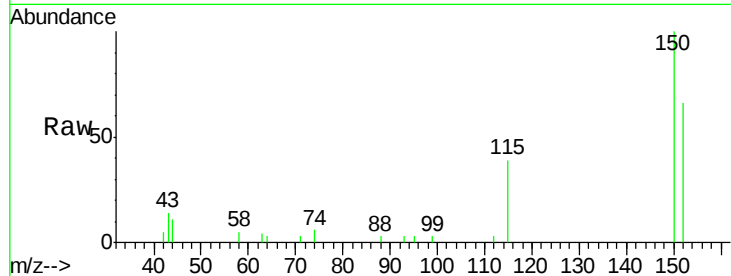


#1

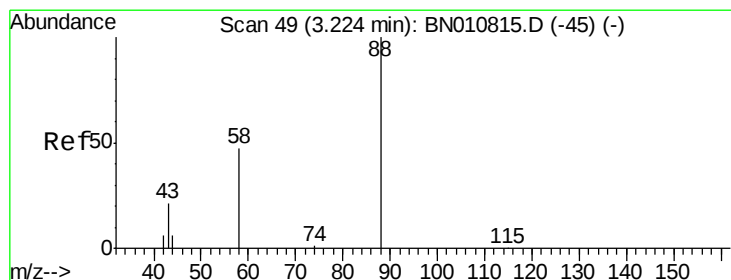
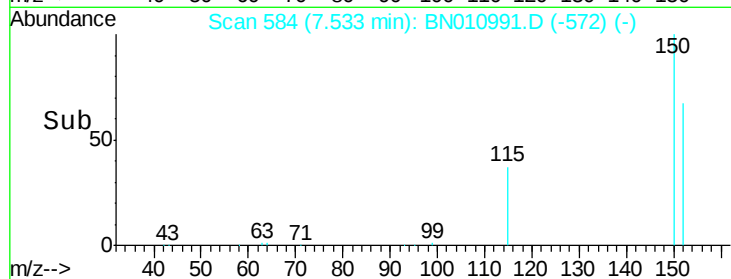
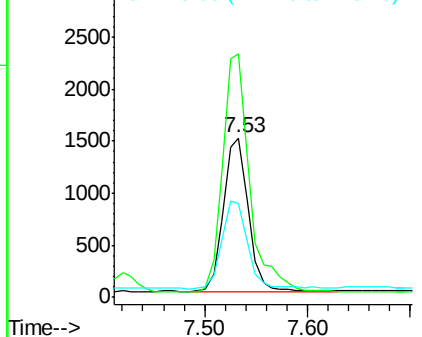
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tot Ion:152 Resp: 2483
Ion Ratio Lower Upper
152 100
150 152.6 123.8 185.6
115 58.8 49.2 73.8



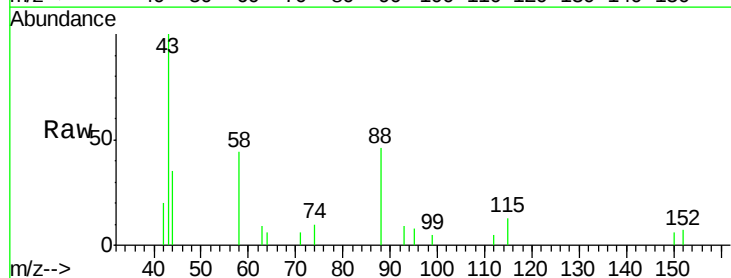
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



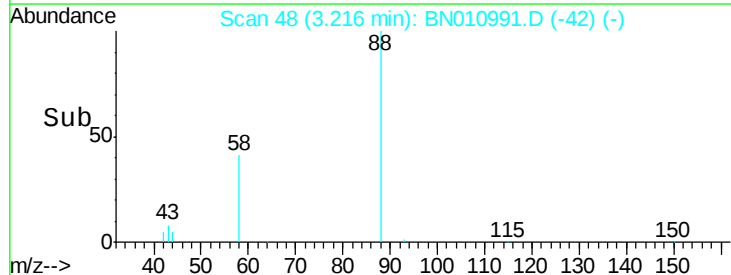
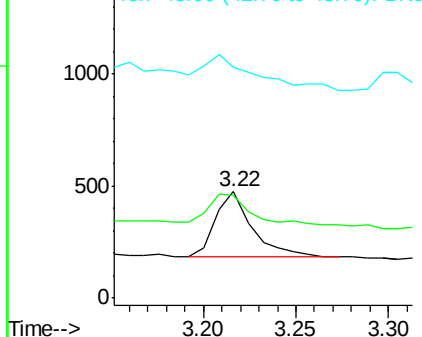
#2

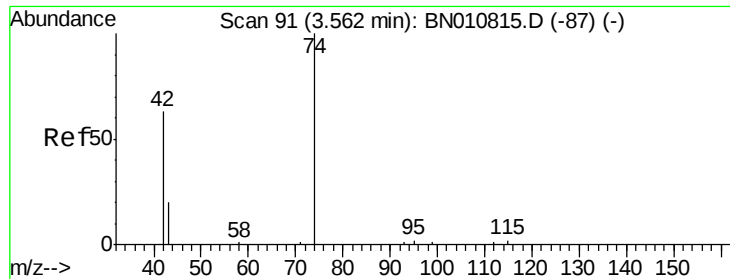
1,4-Dioxane
Concen: 0.167 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion: 88 Resp: 405
Ion Ratio Lower Upper
88 100
58 60.2 38.2 57.4#
43 76.5 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



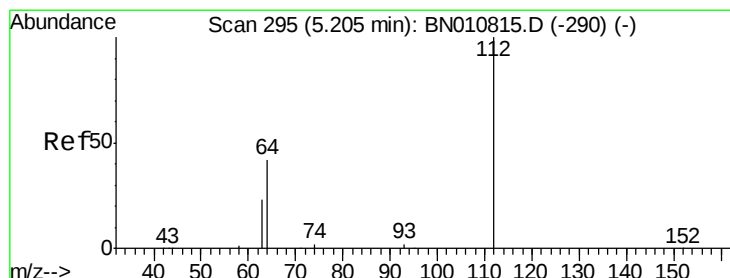
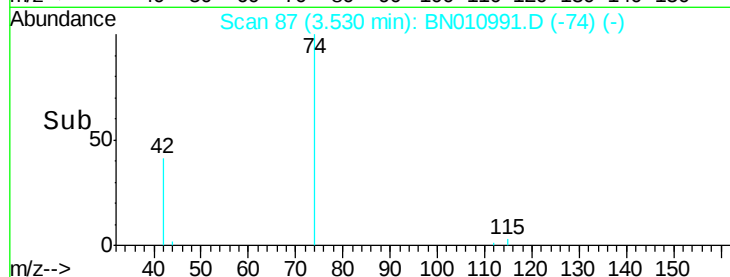
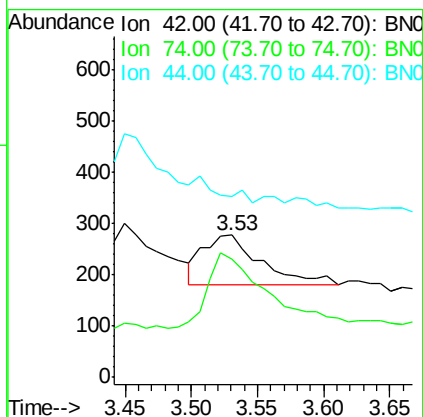
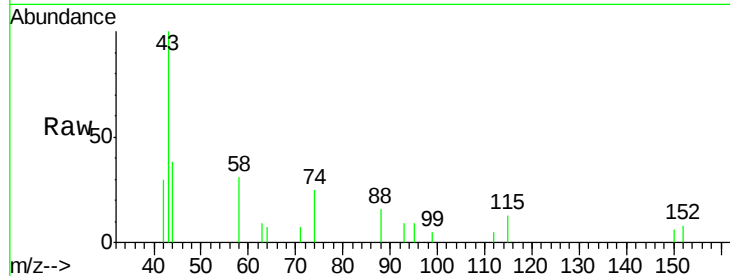


#3

n-Nitrosodimethylamine
 Concen: 0.207 ng
 RT: 3.53 min Scan# 87
 Delta R.T. 0.01 min
 Lab File: BN010991.D
 Acq: 20 Jun 2020 06:11

Instrument :
 BNA_N
 ClientSampleId :
 MW-23MSD

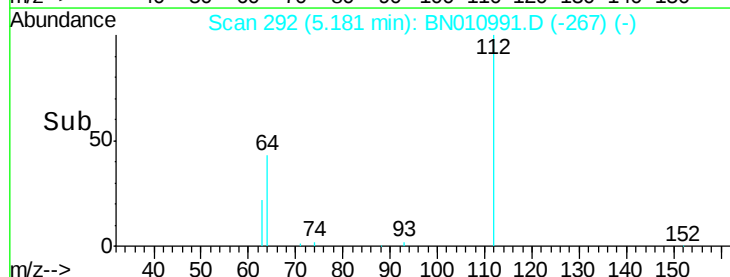
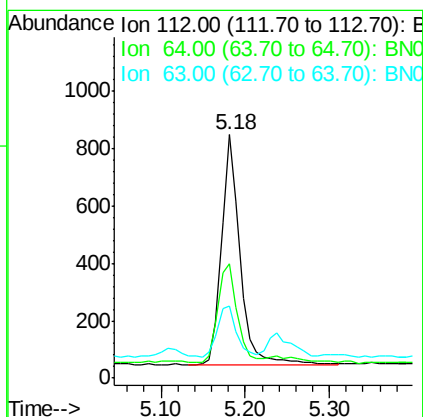
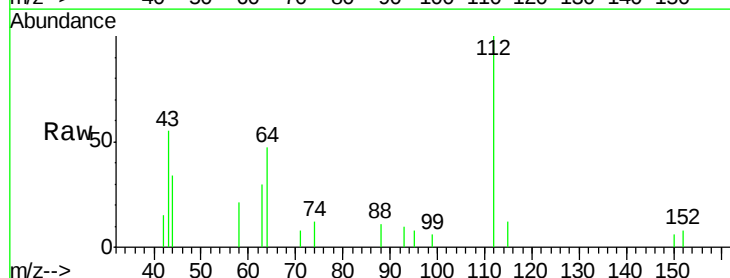
Tot Ion: 42 Resp: 292
 Ion Ratio Lower Upper
 42 100
 74 157.2 140.7 211.1
 44 0.0 1.4 2.2#

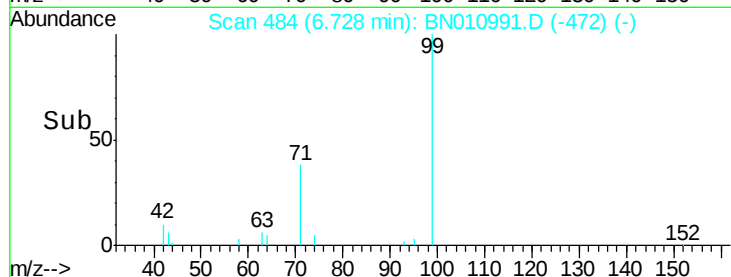
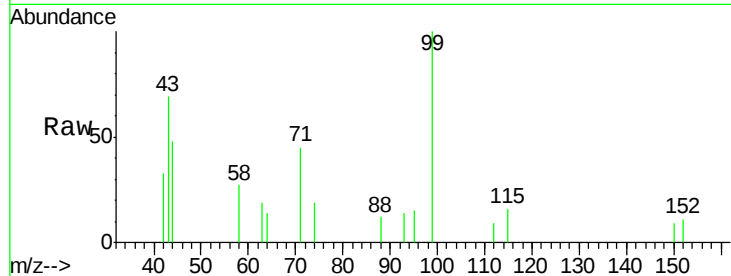


#4

2-Fluorophenol
 Concen: 0.256 ng
 RT: 5.18 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: BN010991.D
 Acq: 20 Jun 2020 06:11

Tgt Ion: 112 Resp: 1226
 Ion Ratio Lower Upper
 112 100
 64 44.4 37.4 56.0
 63 22.8 22.2 33.4

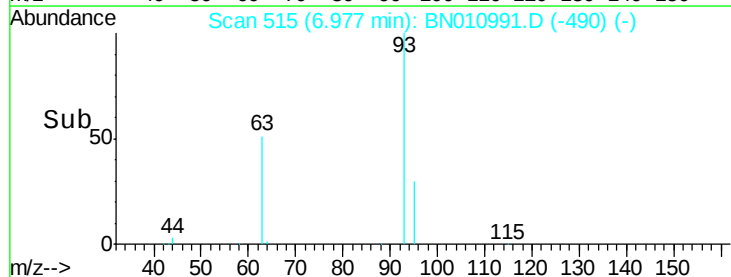
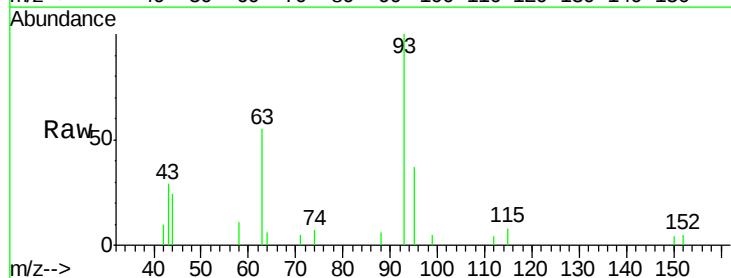
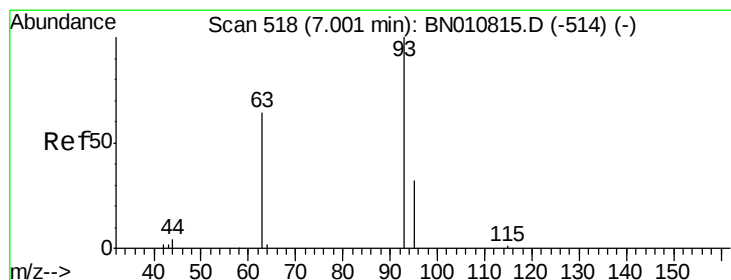
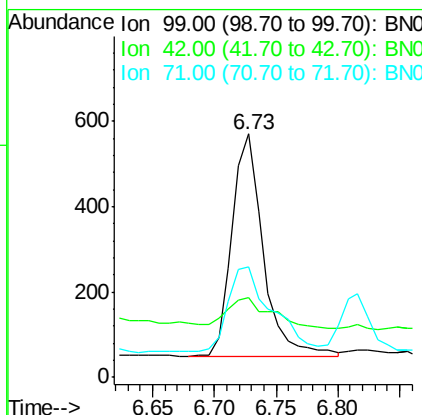




#5
Phenol-d6
Concen: 0.163 ng
RT: 6.73 min Scan# 484
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

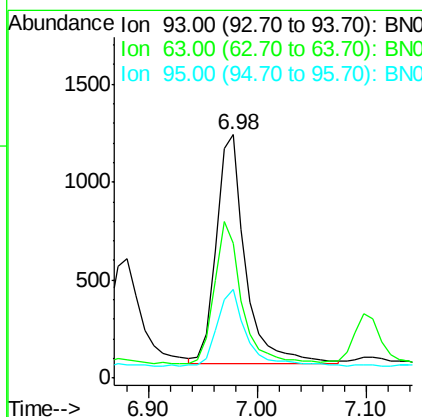
Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tot Ion: 99 Resp: 922
Ion Ratio Lower Upper
99 100
42 19.4 11.1 16.7#
71 53.1 31.4 47.2#



#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 6.98 min Scan# 515
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion: 93 Resp: 2190
Ion Ratio Lower Upper
93 100
63 57.7 49.4 74.2
95 33.1 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampleId :

MW-23MSD

Tot Ion:136 Resp: 9115

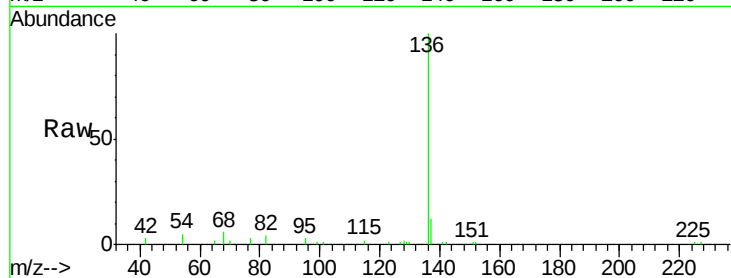
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 4.5 4.9 7.3#

68 6.2 4.7 7.1

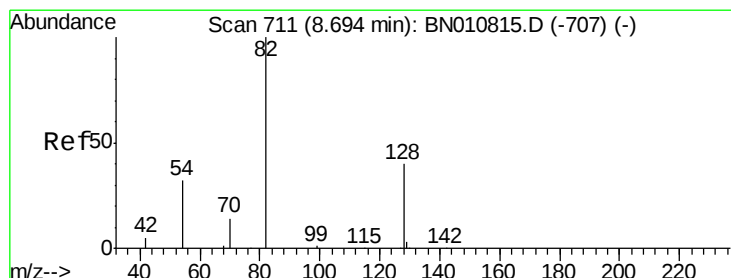
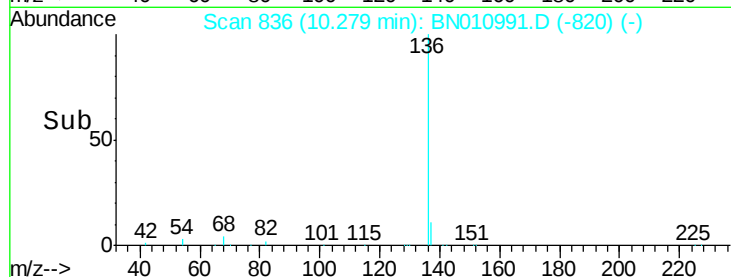
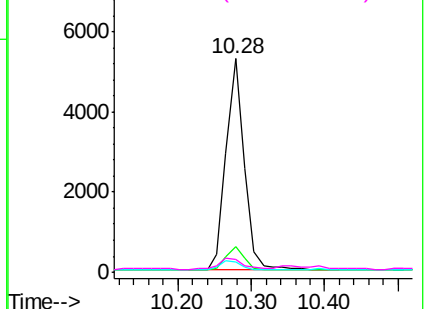


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.442 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

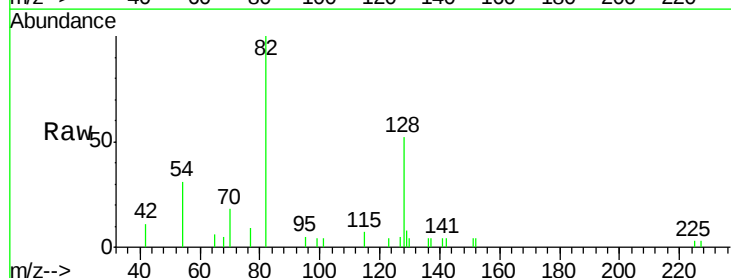
Tgt Ion: 82 Resp: 2979

Ion Ratio Lower Upper

82 100

128 52.3 35.4 53.0

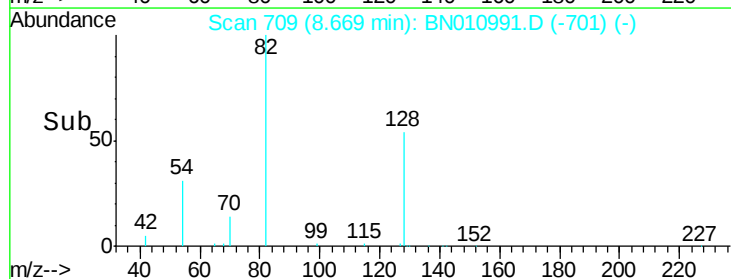
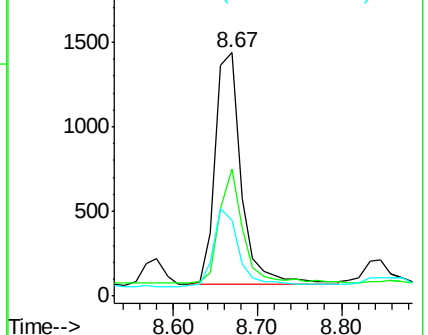
54 31.0 28.2 42.4



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: 0.362 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampleId :

MW-23MSD

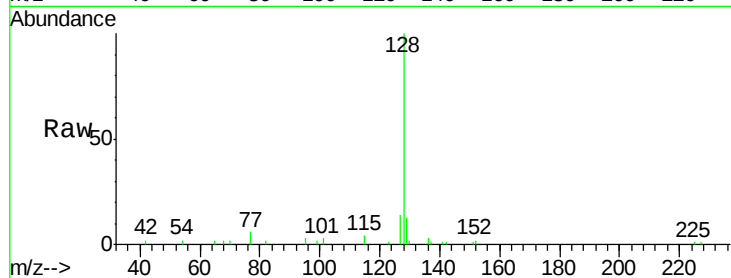
Tot Ion:128 Resp: 8289

Ion Ratio Lower Upper

128 100

129 12.9 9.6 14.4

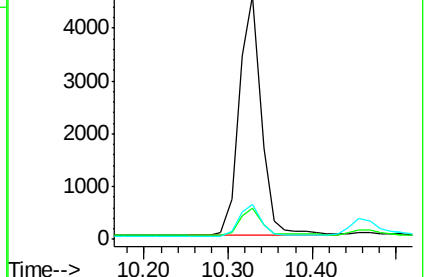
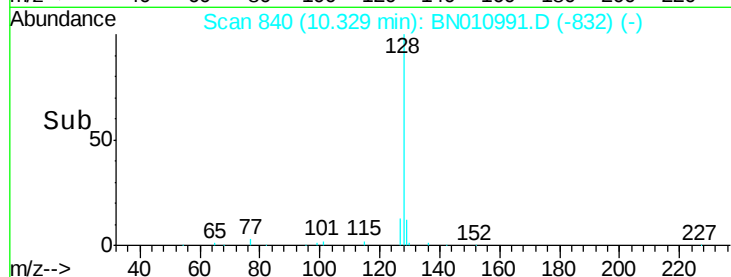
127 14.2 11.4 17.2



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: 0.276 ng

RT: 10.62 min Scan# 863

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

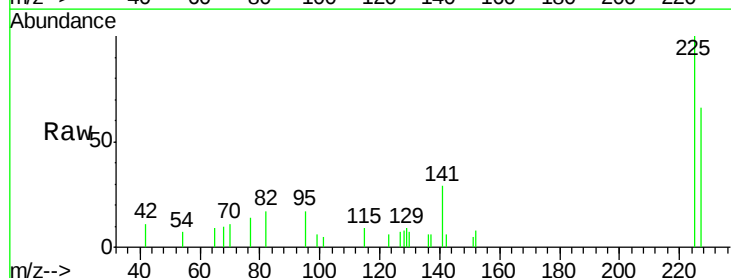
Tgt Ion:225 Resp: 1561

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

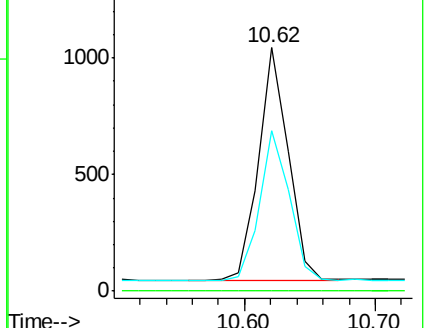
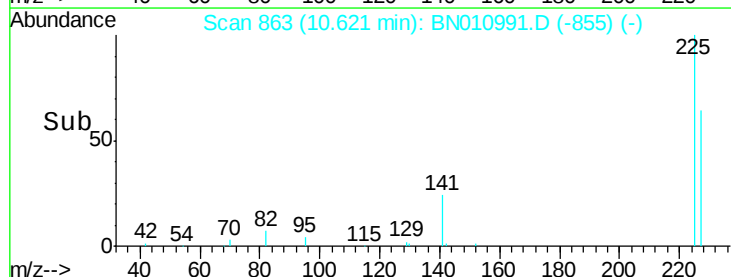
227 64.4 50.5 75.7

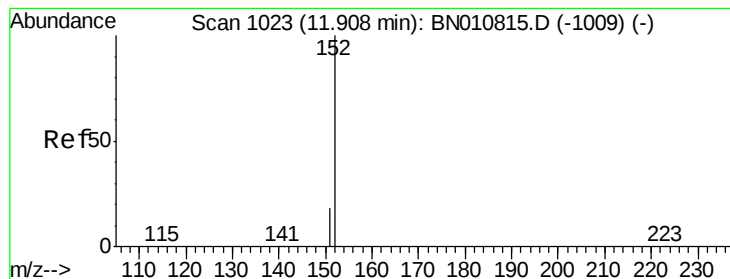


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.400 ng

RT: 11.87 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampleId :

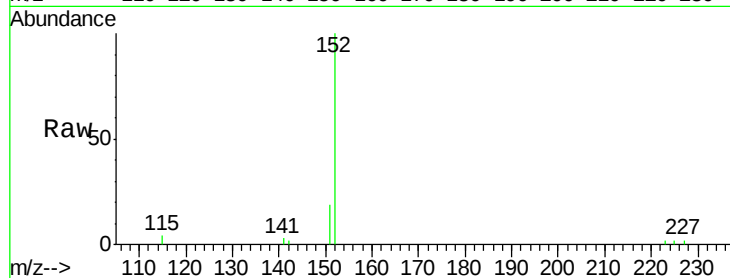
MW-23MSD

Tot Ion:152 Resp: 5662

Ion Ratio Lower Upper

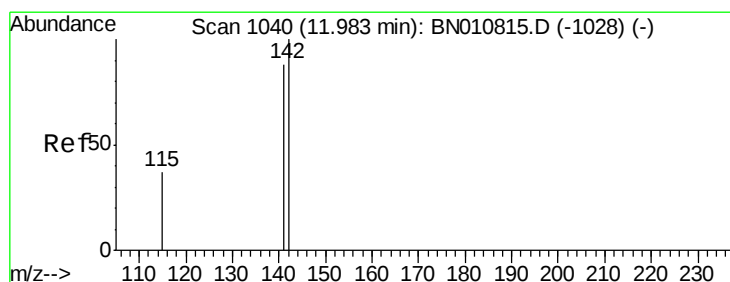
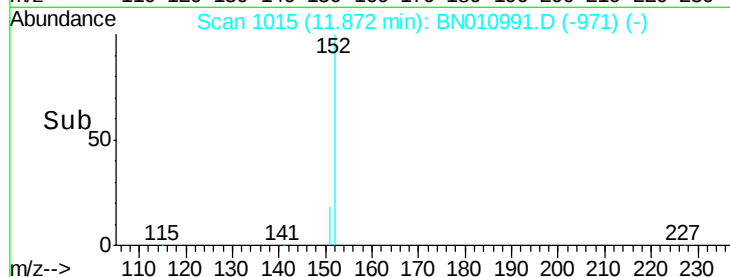
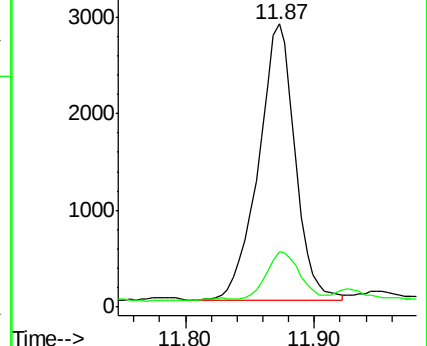
152 100

151 16.4 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.366 ng

RT: 11.95 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

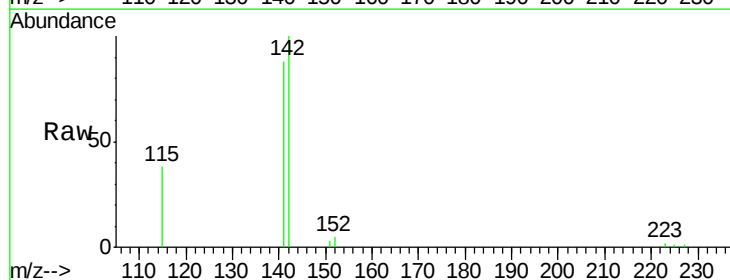
Tgt Ion:142 Resp: 5617

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2

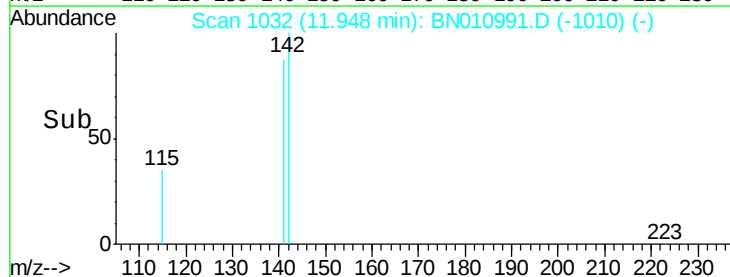
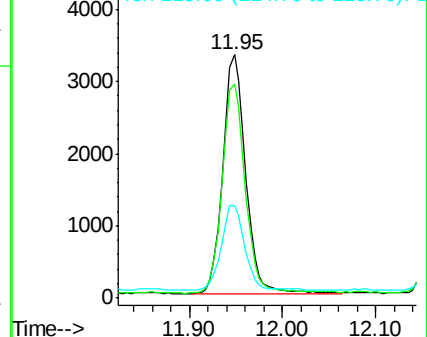
115 38.2 31.5 47.3



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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

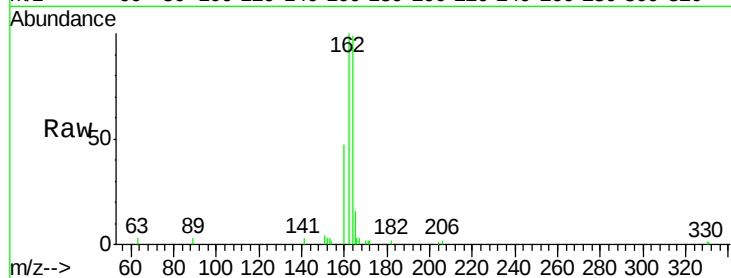
BNA_N

ClientSampleId :

MW-23MSD

Tot Ion:164 Resp: 5367

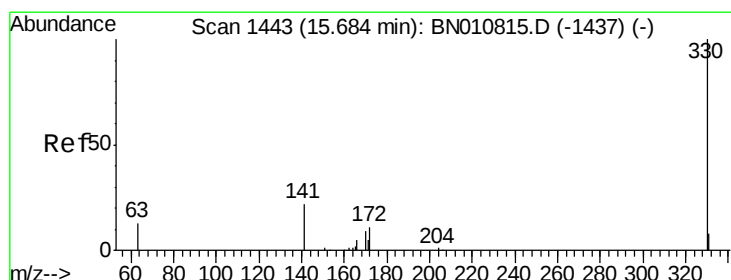
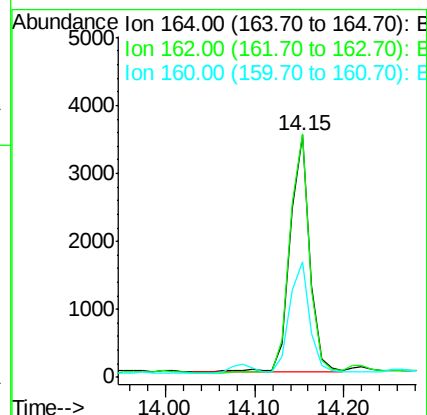
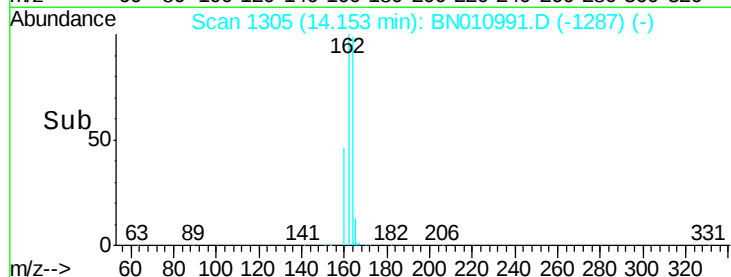
Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.0	121.6
160	47.8	38.9	58.3



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: 0.543 ng

RT: 15.66 min Scan# 1440

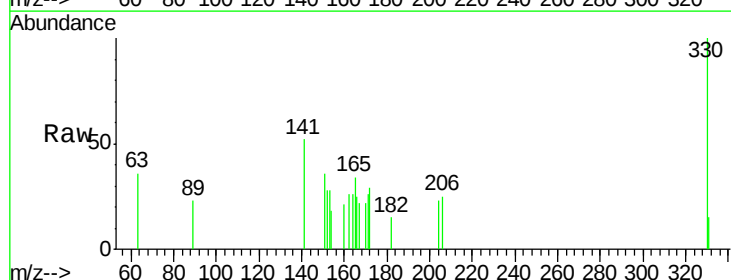
Delta R.T. 0.01 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Tgt Ion:330 Resp: 1043

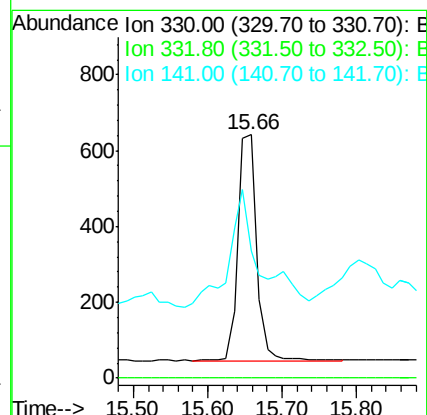
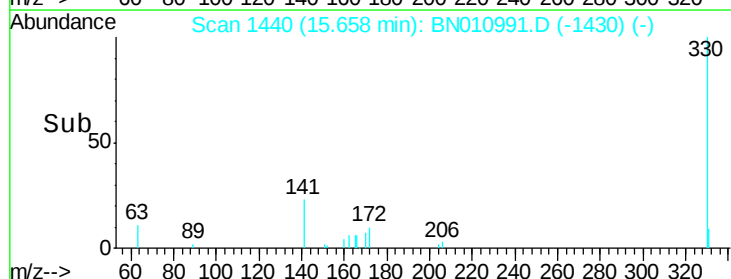
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	66.6	33.2	49.8

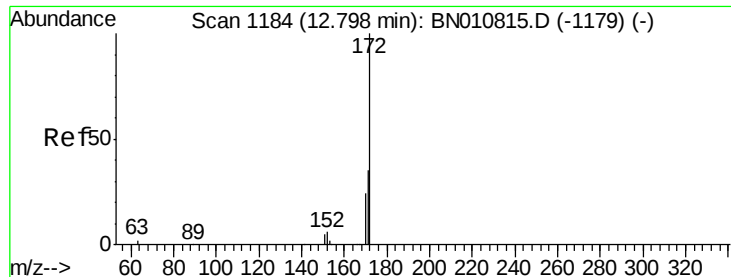


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

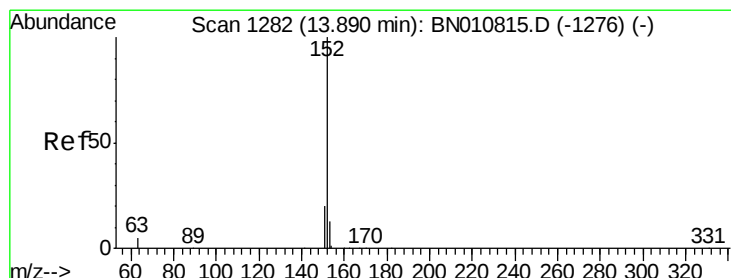
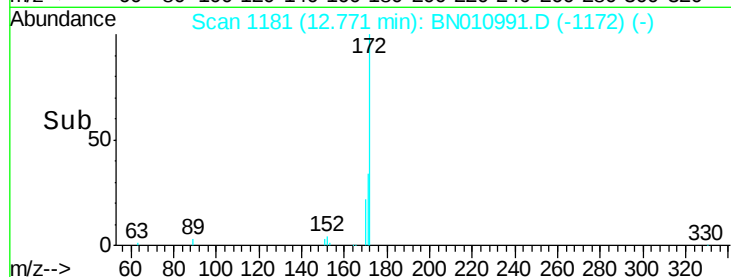
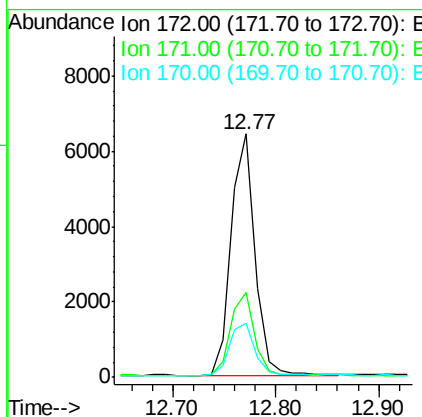
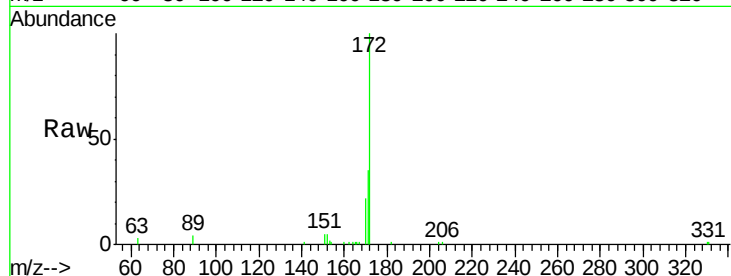




#15
2-Fluorobiphenyl
Concen: 0.486 ng
RT: 12.77 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

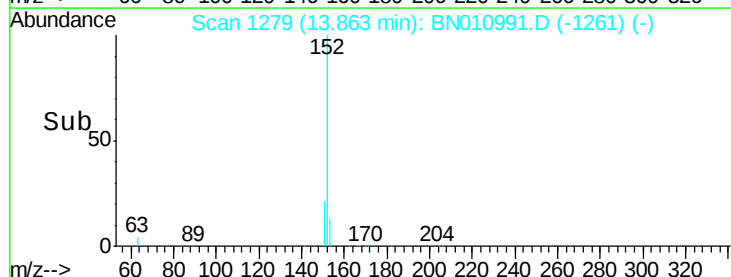
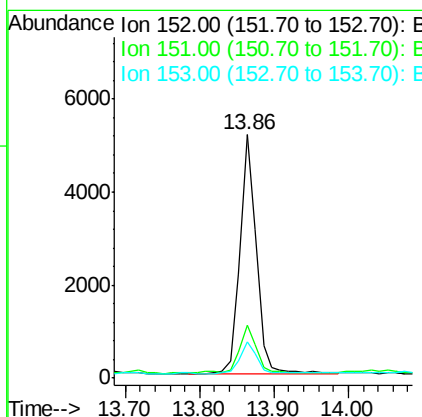
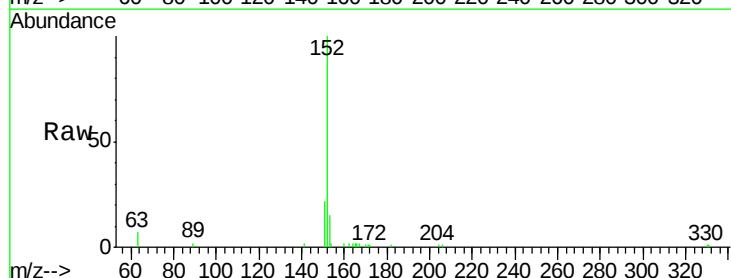
Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tot Ion:172 Resp: 10299
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.2 19.7 29.5



#16
Acenaphthylene
Concen: 0.360 ng
RT: 13.86 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:152 Resp: 7920
Ion Ratio Lower Upper
152 100
151 21.3 15.6 23.4
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.367 ng

RT: 14.21 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampled :

MW-23MSD

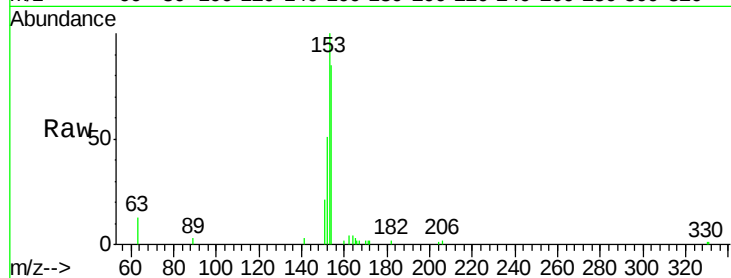
Tot Ion:154 Resp: 5500

Ion Ratio Lower Upper

154 100

153 114.9 91.8 137.6

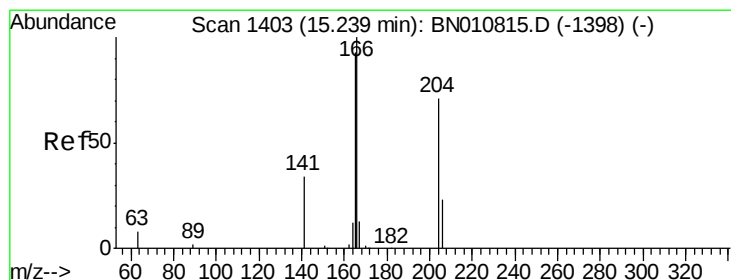
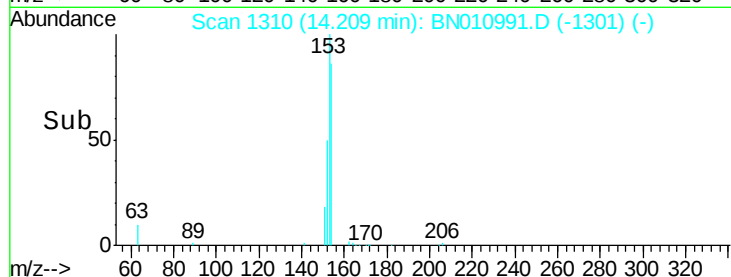
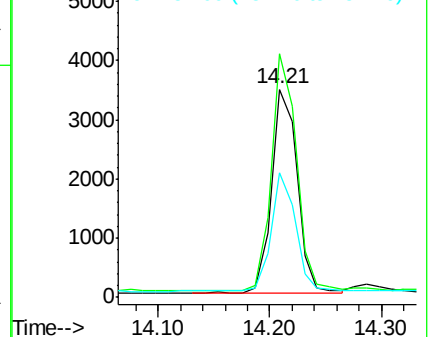
152 54.9 47.6 71.4



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: 0.371 ng

RT: 15.21 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

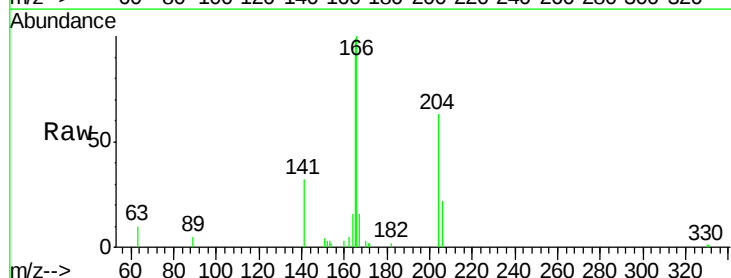
Tgt Ion:166 Resp: 7174

Ion Ratio Lower Upper

166 100

165 99.3 77.2 115.8

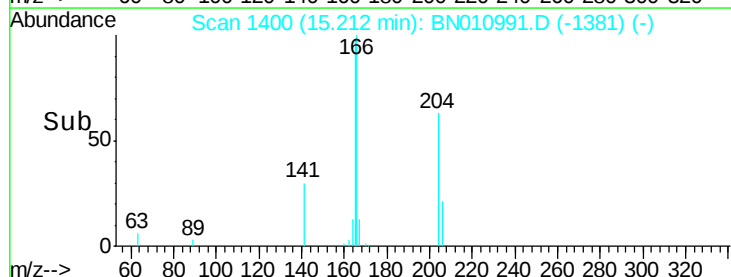
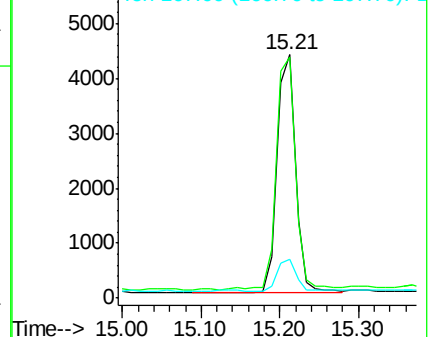
167 14.2 10.7 16.1

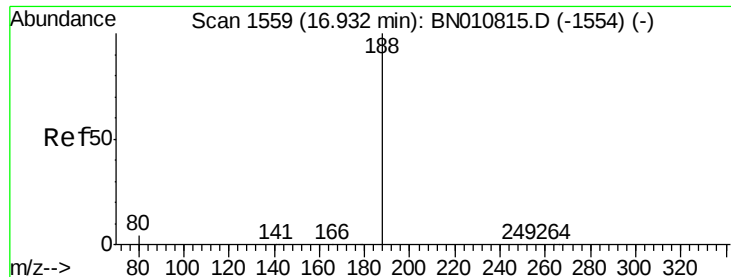


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1556

Delta R.T. 0.01 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampleId :

MW-23MSD

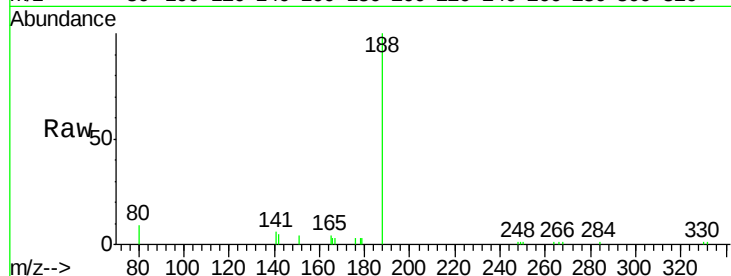
Tot Ion:188 Resp: 11280

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

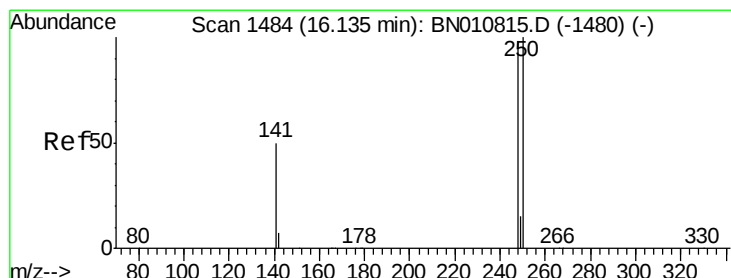
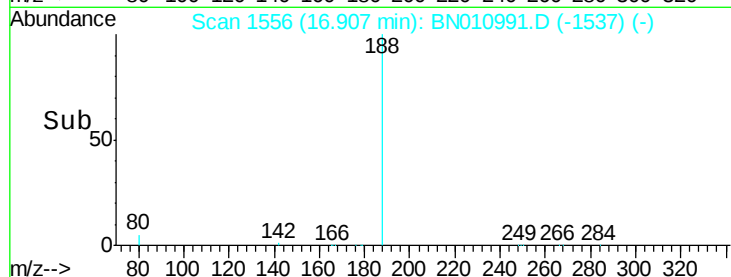
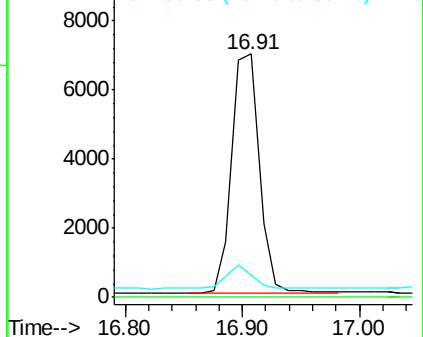
80 8.9 4.5 6.7#



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: 0.342 ng

RT: 16.11 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

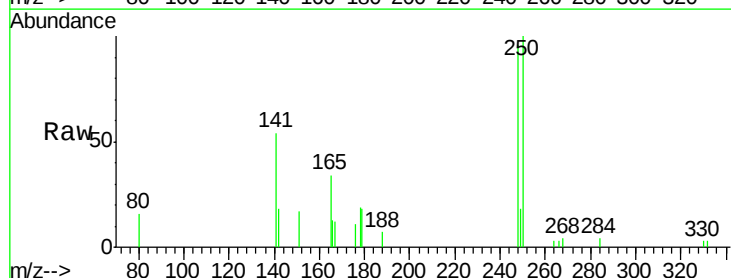
Tgt Ion:248 Resp: 2316

Ion Ratio Lower Upper

248 100

250 103.9 81.8 122.8

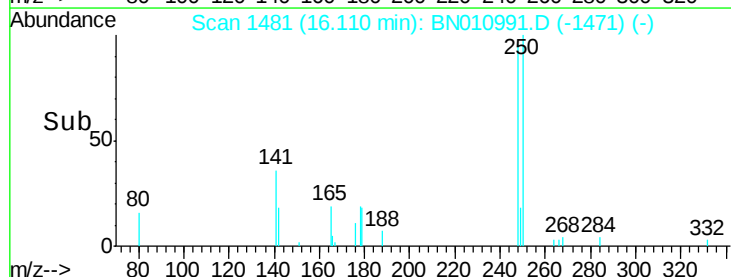
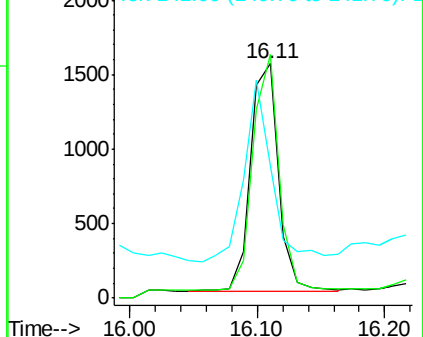
141 56.3 42.6 64.0

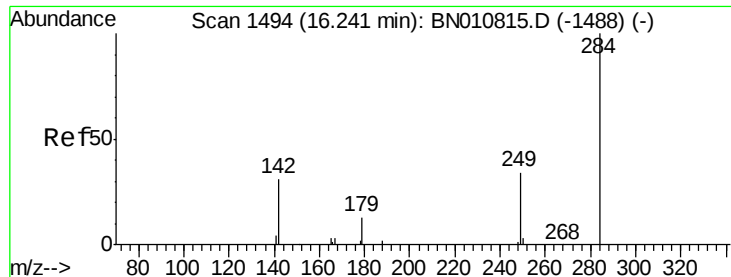


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.328 ng

RT: 16.22 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampleId :

MW-23MSD

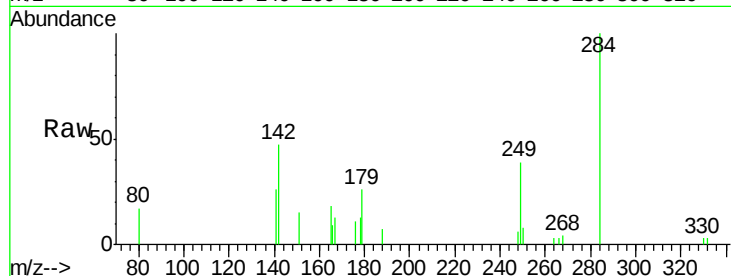
Tot Ion:284 Resp: 2318

Ion Ratio Lower Upper

284 100

142 46.8 31.0 46.4#

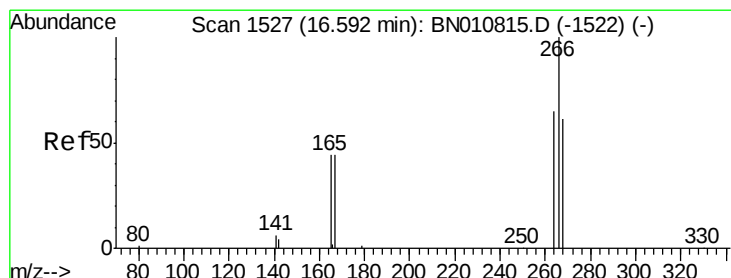
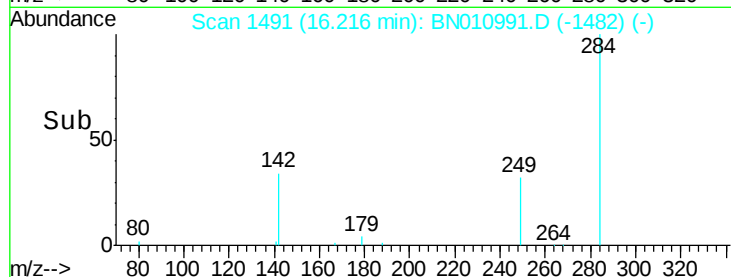
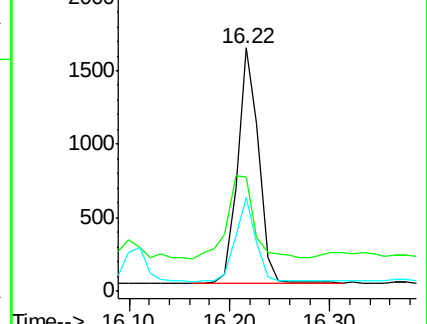
249 34.5 27.1 40.7



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: 1.121 ng

RT: 16.57 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

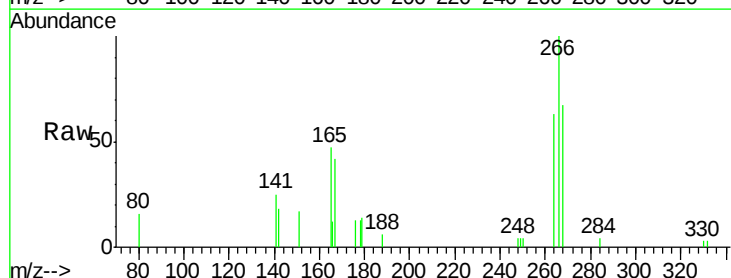
Tgt Ion:266 Resp: 2660

Ion Ratio Lower Upper

266 100

264 63.0 54.8 82.2

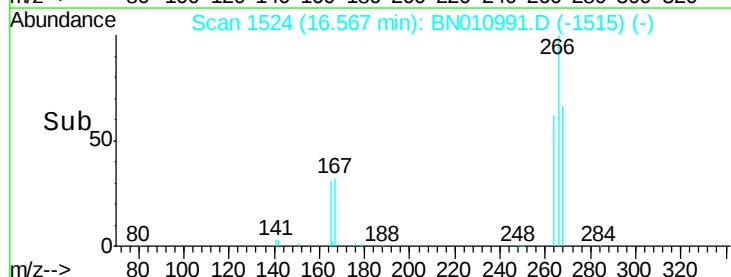
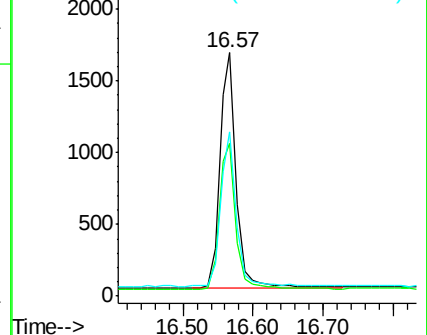
268 67.5 55.9 83.9



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: 0.413 ng

RT: 16.94 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampleId :

MW-23MSD

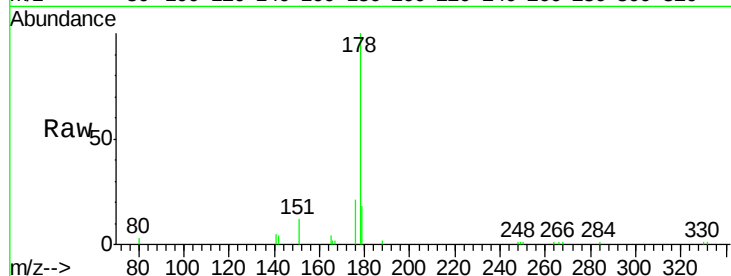
Tot Ion:178 Resp: 12710

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

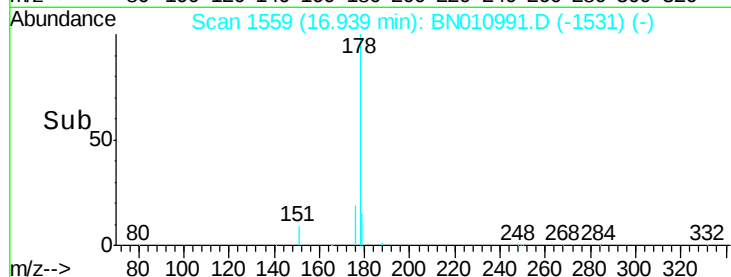
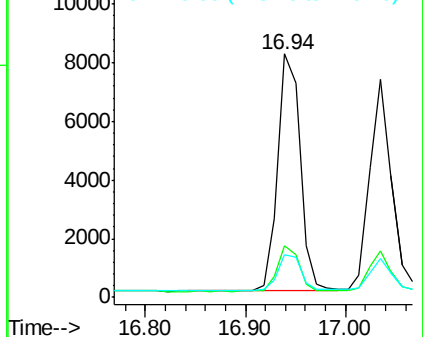
179 16.6 12.6 19.0



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: 0.432 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

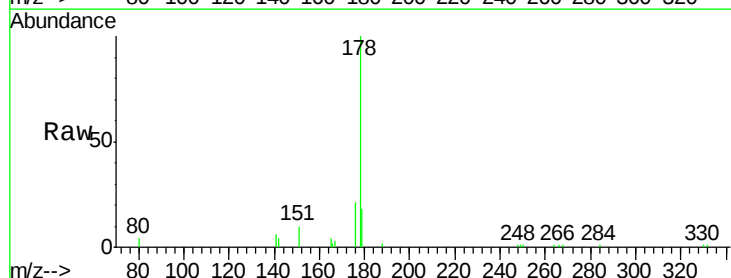
Tgt Ion:178 Resp: 11123

Ion Ratio Lower Upper

178 100

176 19.2 14.6 22.0

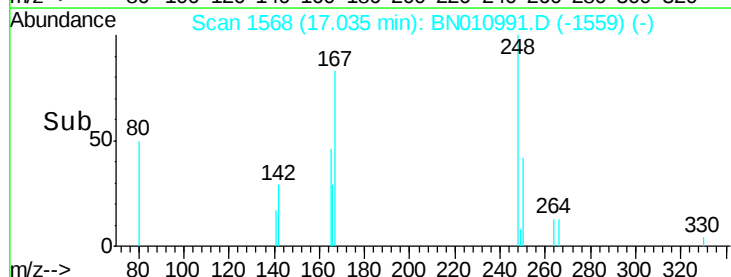
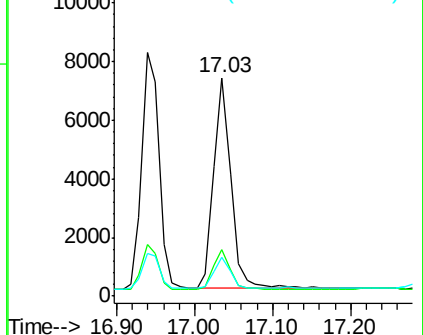
179 14.9 12.3 18.5

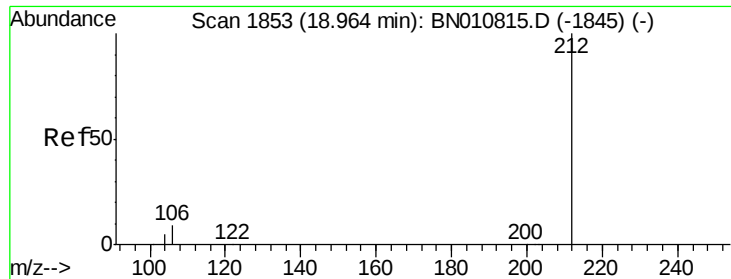


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 18.94 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampleId :

MW-23MSD

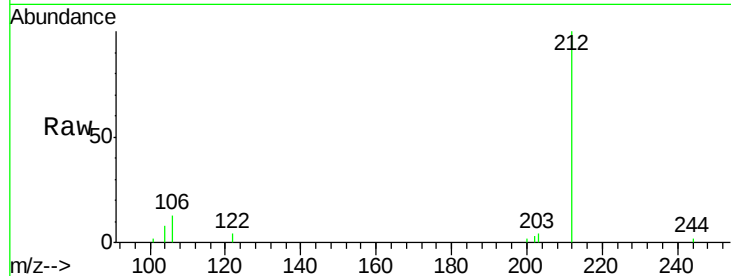
Tot Ion:212 Resp: 12361

Ion Ratio Lower Upper

212 100

106 10.5 6.6 10.0#

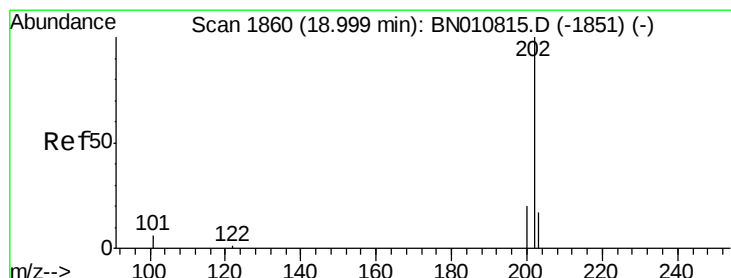
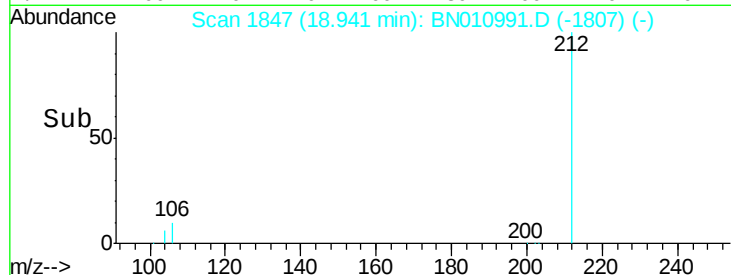
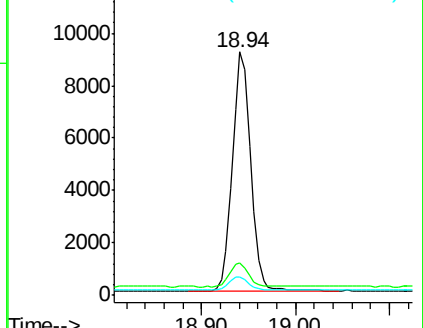
104 5.8 4.0 6.0



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: 0.428 ng

RT: 18.97 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

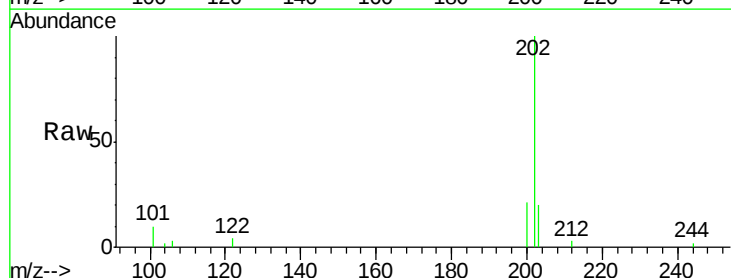
Tgt Ion:202 Resp: 14956

Ion Ratio Lower Upper

202 100

101 9.2 5.8 8.6#

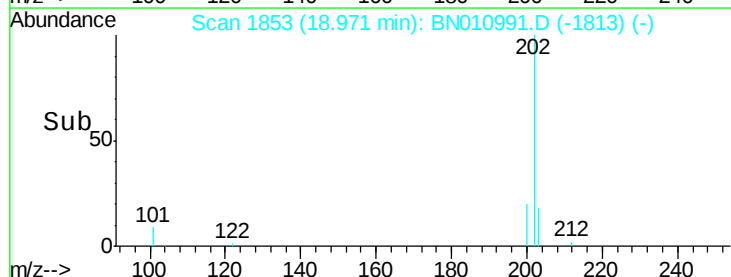
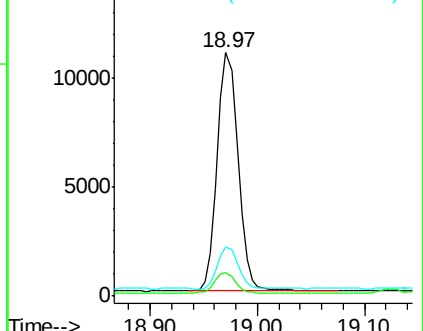
203 17.3 13.7 20.5



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: 21.11 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampled :

MW-23MSD

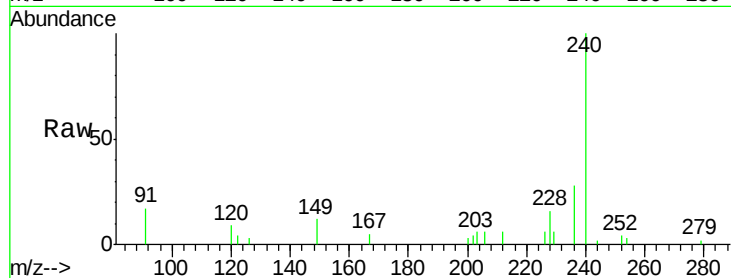
Tot Ion:240 Resp: 10702

Ion Ratio Lower Upper

240 100

120 9.3 7.5 11.3

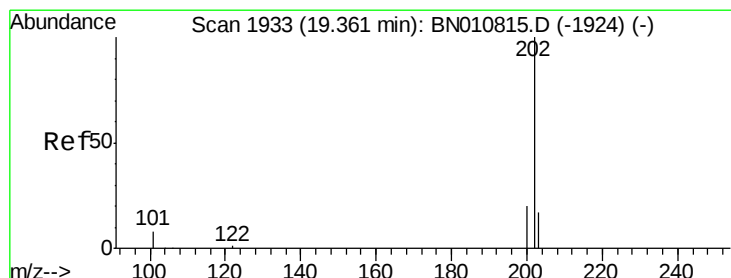
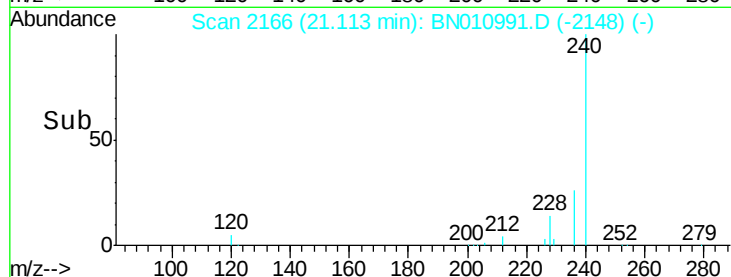
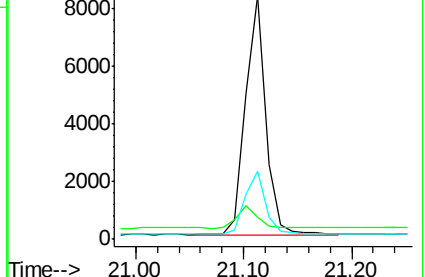
236 27.8 22.3 33.5



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



#28

Pyrene

Concen: 0.427 ng

RT: 19.34 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

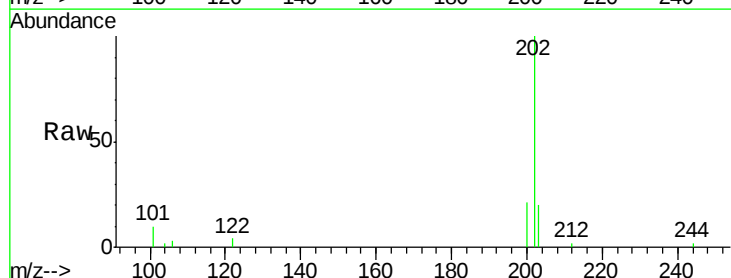
Tgt Ion:202 Resp: 15123

Ion Ratio Lower Upper

202 100

200 20.2 16.4 24.6

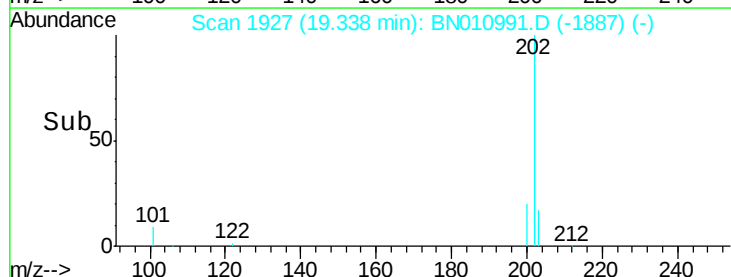
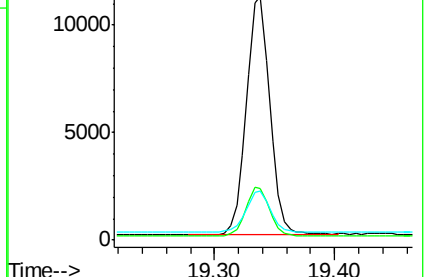
203 17.9 14.2 21.4

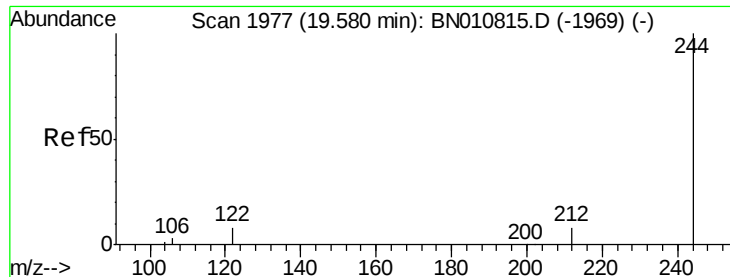


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.564 ng

RT: 19.56 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampleId :

MW-23MSD

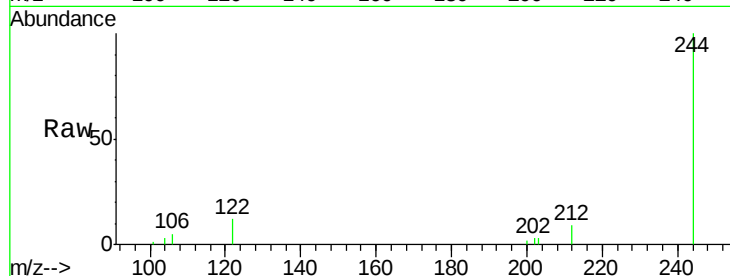
Tot Ion:244 Resp: 14127

Ion Ratio Lower Upper

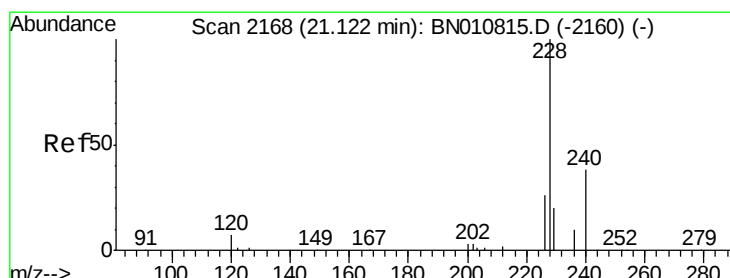
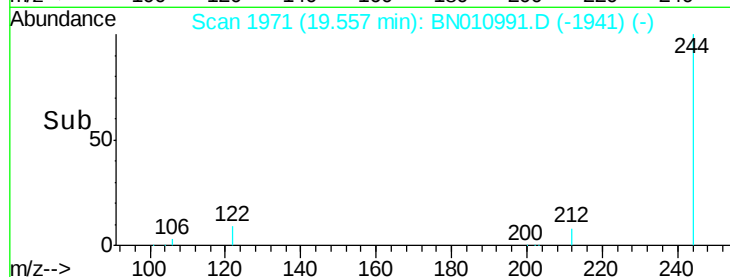
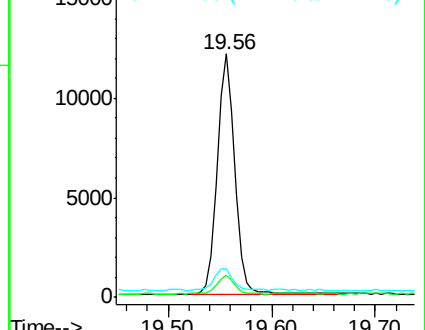
244 100

212 8.9 7.4 11.2

122 11.6 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: 0.438 ng

RT: 21.09 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

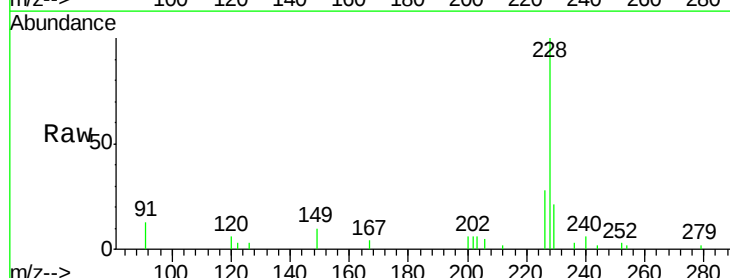
Tgt Ion:228 Resp: 13781

Ion Ratio Lower Upper

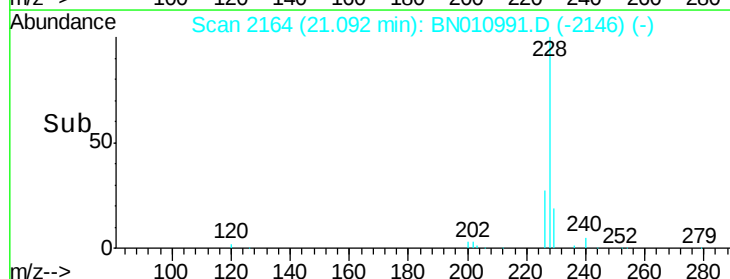
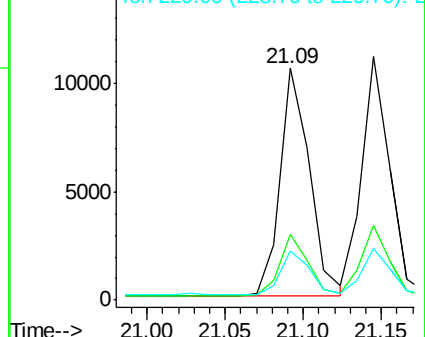
228 100

226 28.3 21.3 31.9

229 21.2 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: 0.375 ng

RT: 21.14 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampleId :

MW-23MSD

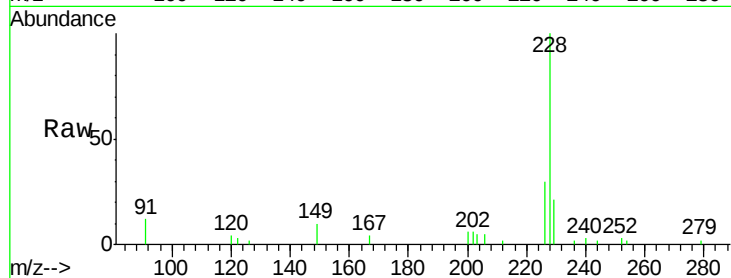
Tot Ion:228 Resp: 13755

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

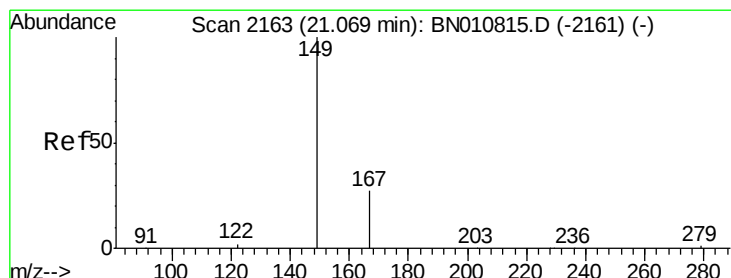
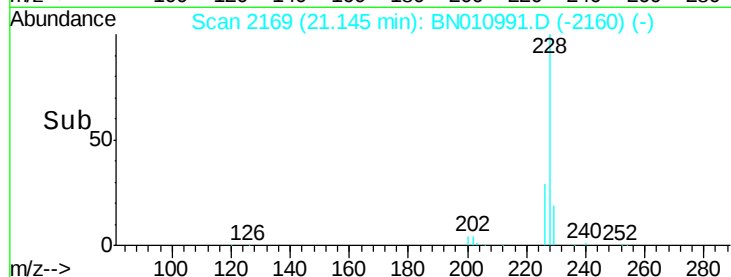
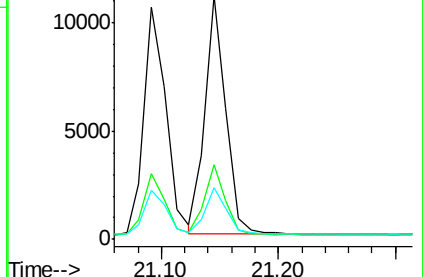
229 21.1 16.1 24.1



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: 0.743 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

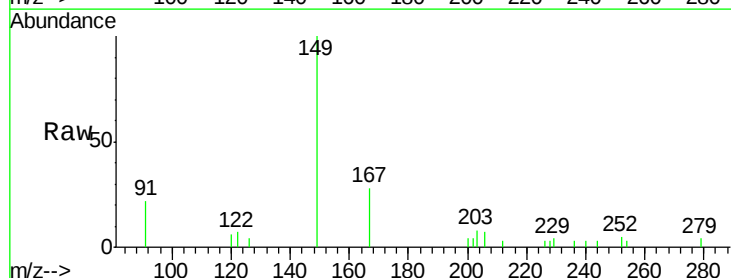
Tgt Ion:149 Resp: 7789

Ion Ratio Lower Upper

149 100

167 27.8 24.1 36.1

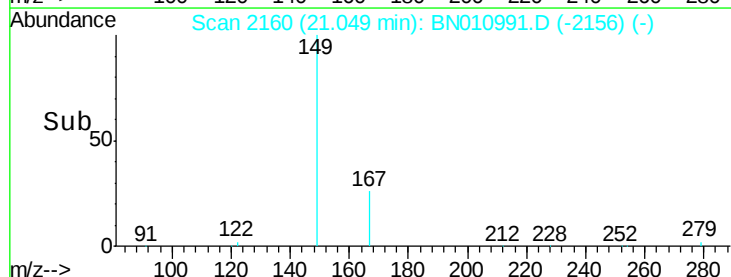
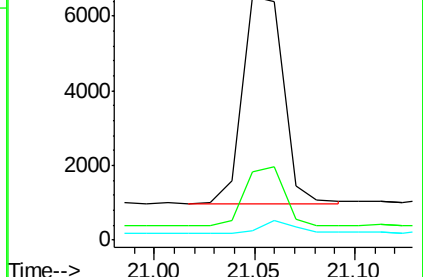
279 5.2 4.6 7.0

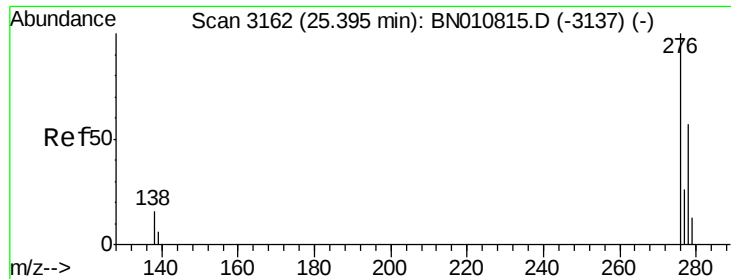


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.382 ng

RT: 25.36 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampleId :

MW-23MSD

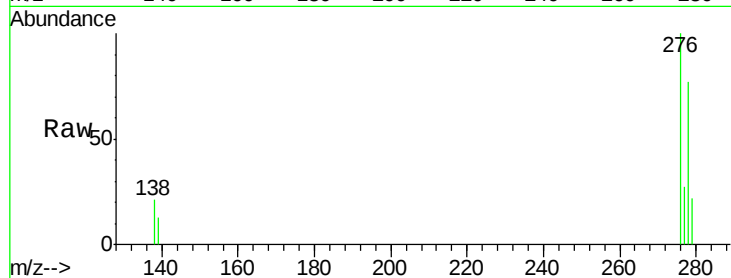
Tot Ion:276 Resp: 15639

Ion Ratio Lower Upper

276 100

138 20.1 13.0 19.6#

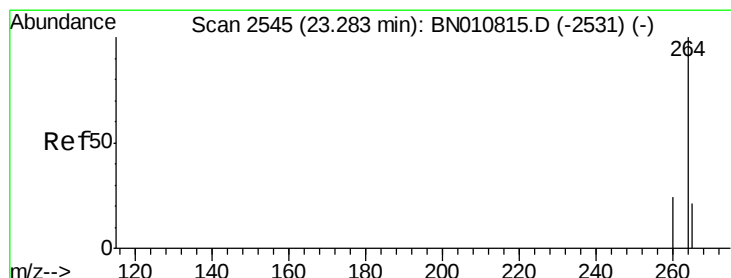
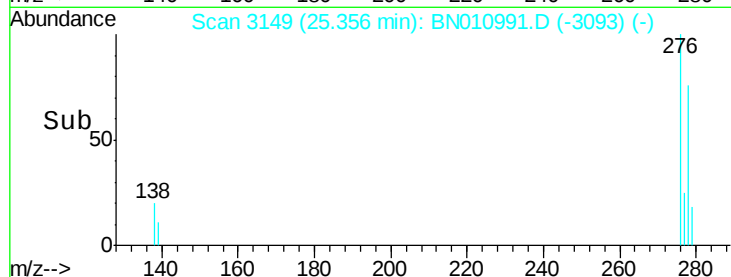
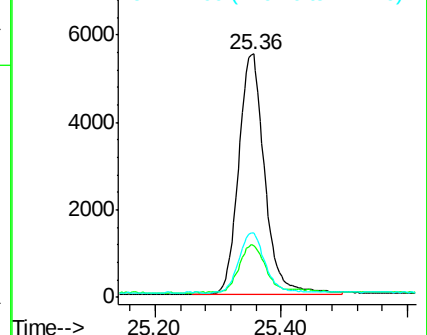
277 25.1 19.7 29.5



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: 23.25 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

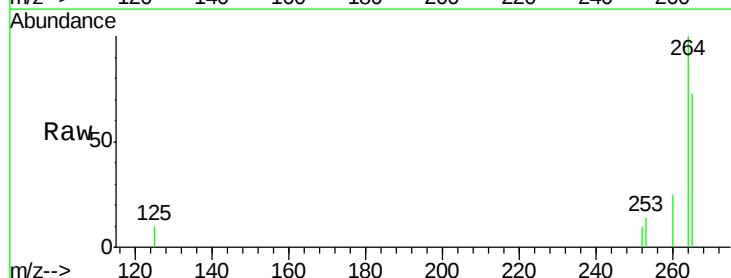
Tgt Ion:264 Resp: 11003

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

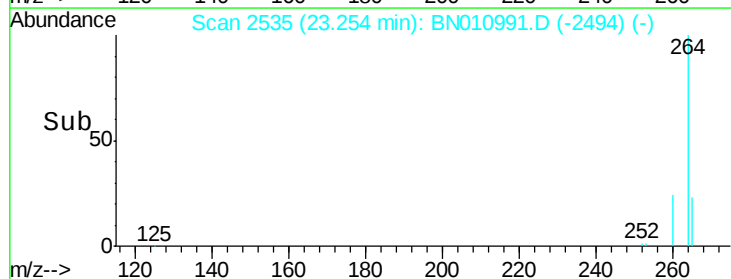
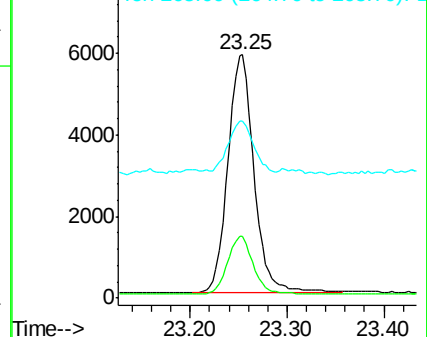
265 72.7 75.0 112.4#



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

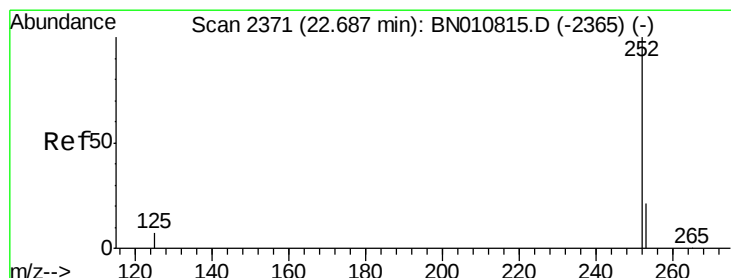
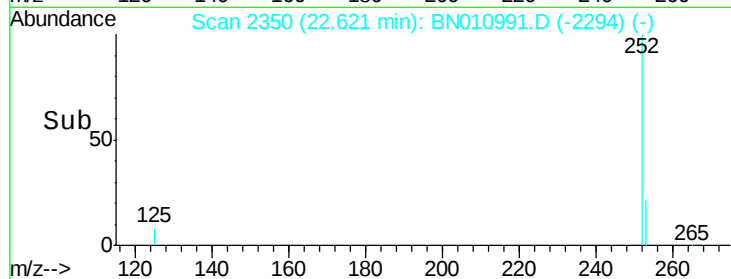
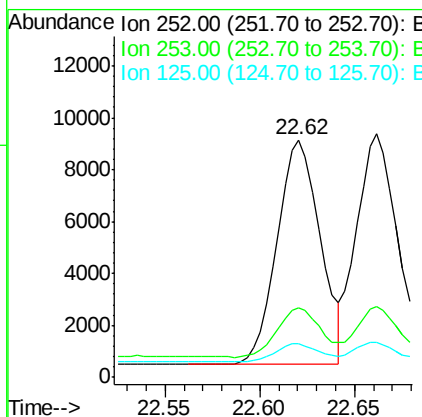
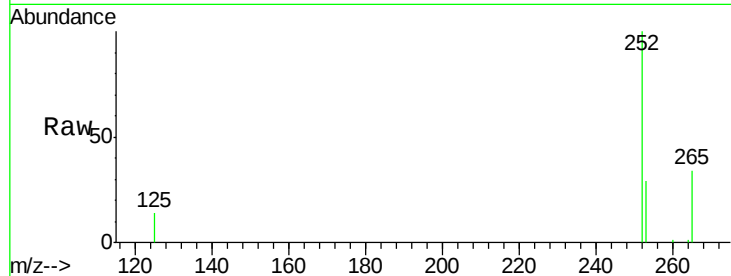




#35
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 22.62 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

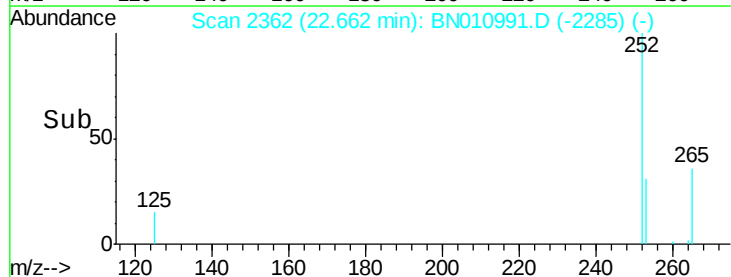
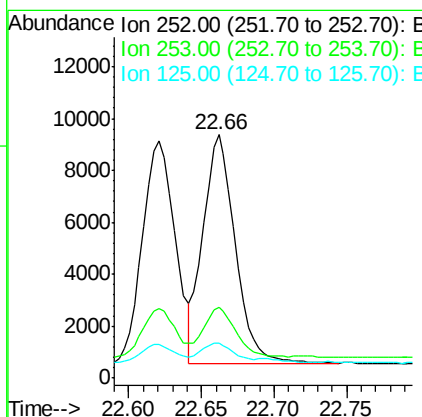
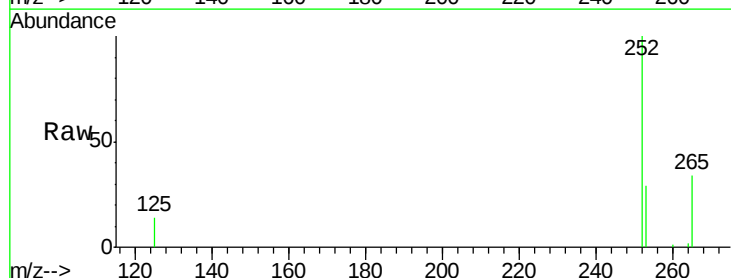
Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tot Ion:252 Resp: 13603
Ion Ratio Lower Upper
252 100
253 29.1 22.4 33.6
125 14.2 9.4 14.0#



#36
Benzo(k)fluoranthene
Concen: 0.345 ng
RT: 22.66 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:252 Resp: 13747
Ion Ratio Lower Upper
252 100
253 29.0 22.2 33.4
125 14.3 9.8 14.8





#37

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.16 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampleId :

MW-23MSD

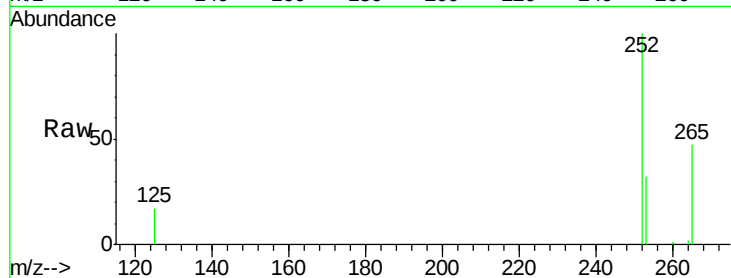
Tot Ion:252 Resp: 11607

Ion Ratio Lower Upper

252 100

253 31.6 25.8 38.8

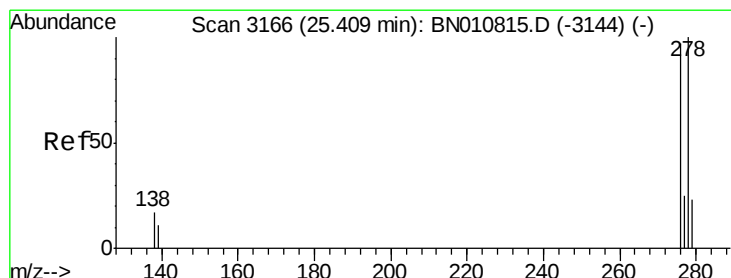
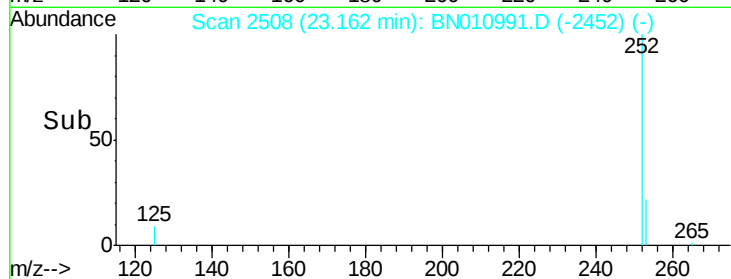
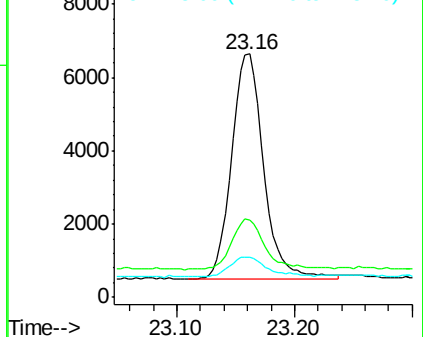
125 16.7 12.4 18.6



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: 0.352 ng

RT: 25.36 min Scan# 3151

Delta R.T. -0.02 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

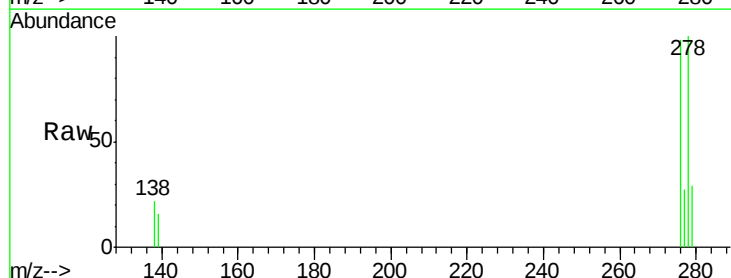
Tgt Ion:278 Resp: 12896

Ion Ratio Lower Upper

278 100

139 15.9 10.6 15.8#

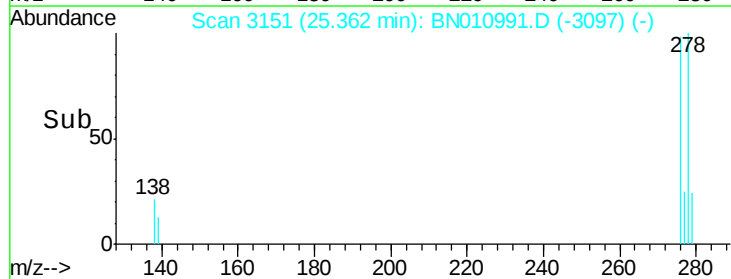
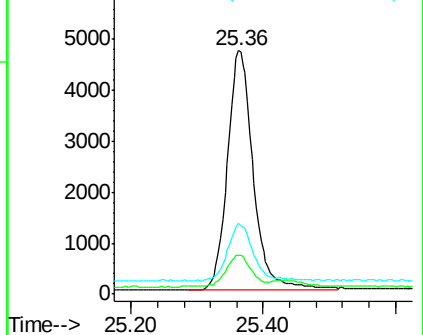
279 29.1 23.6 35.4



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: 0.362 ng

RT: 25.99 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BN010991.D

Acq: 20 Jun 2020 06:11

Instrument :

BNA_N

ClientSampleId :

MW-23MSD

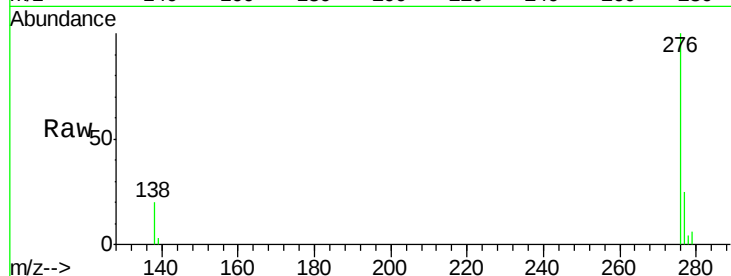
Tot Ion: 276 Resp: 13849

Ion Ratio Lower Upper

276 100

277 25.3 20.5 30.7

138 20.2 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

