

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091620\
 Data File : BN011815.D
 Acq On : 16 Sep 2020 16:11
 Operator : CG/JU
 Sample : L3988-22MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

Quant Time: Sep 16 16:40:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 12:37:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2671	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	10523	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7285	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	14413	0.40	ng	0.01
29) Chrysene-d12	21.31	240	15022	0.40	ng	0.00
36) Perylene-d12	23.57	264	15732	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2148	0.29	ng	0.00
5) Phenol-d6	6.89	99	2514	0.26	ng	0.00
8) Nitrobenzene-d5	8.87	82	3064	0.26	ng	0.01
11) 2-Methylnaphthalene-d10	12.10	152	6492	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1380	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	8066	0.25	ng	0.01
27) Fluoranthene-d10	19.15	212	18319	0.39	ng	0.00
31) Terphenyl-d14	19.75	244	15381	0.33	ng	0.00

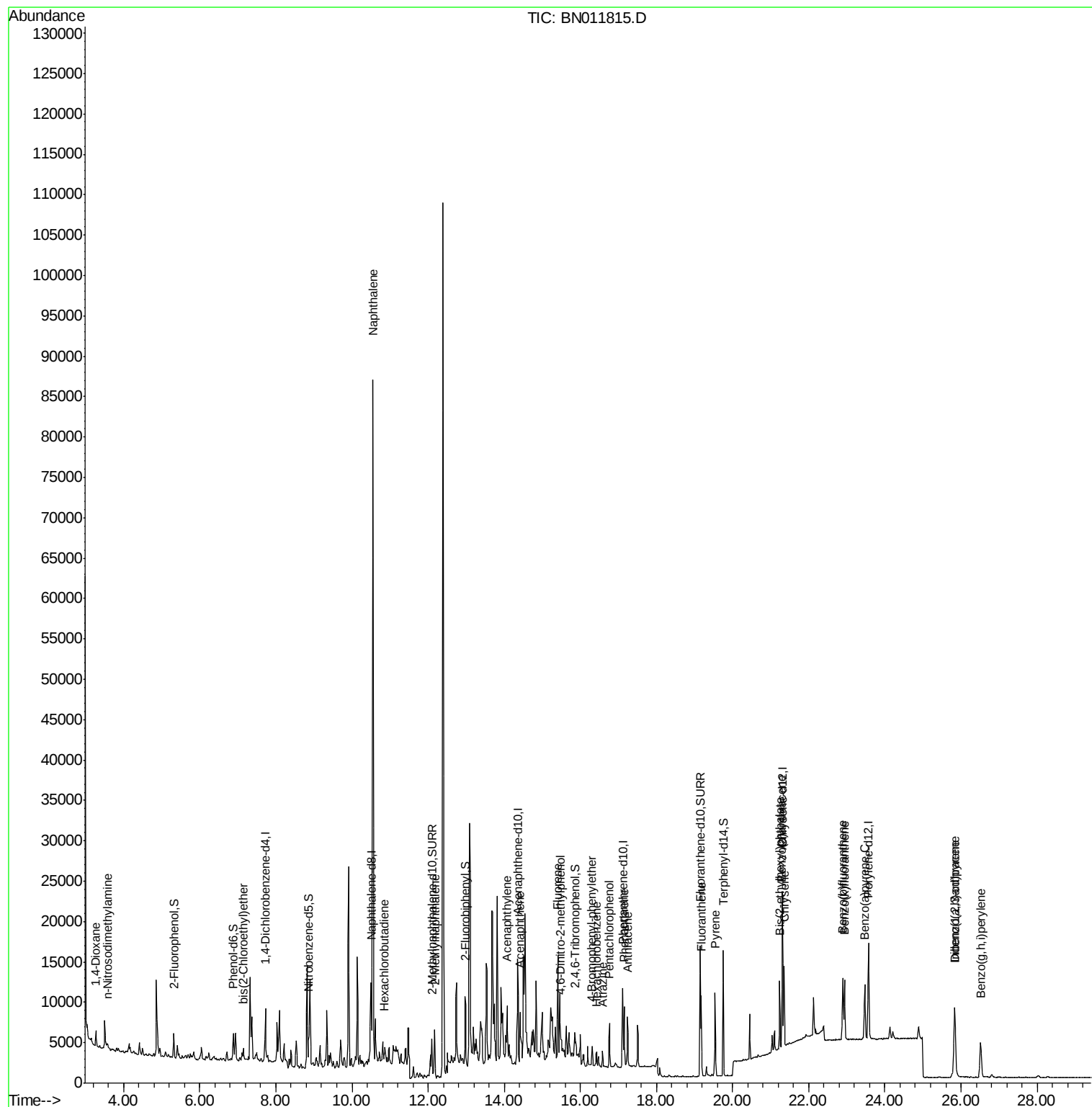
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	1277	0.333	ng	# 85
3) n-Nitrosodimethylamine	3.58	42	632	0.110	ng	# 80
6) bis(2-Chloroethyl)ether	7.15	93	1023	0.132	ng	98
9) Naphthalene	10.55	128	103508	3.435	ng	99
10) Hexachlorobutadiene	10.85	225	623	0.086	ng	# 100
12) 2-Methylnaphthalene	12.17	142	4034	0.187	ng	96
16) Acenaphthylene	14.08	152	4102	0.113	ng	# 84
17) Acenaphthene	14.42	154	3181	0.124	ng	# 85
18) Fluorene	15.41	166	5826	0.180	ng	# 97
20) 4,6-Dinitro-2-methylphenol	15.49	198	439	0.135	ng	# 1
21) 4-Bromophenyl-phenylether	16.31	248	1038	0.114	ng	# 81
22) Hexachlorobenzene	16.42	284	1235	0.116	ng	96
23) Atrazine	16.58	200	1409	0.168	ng	# 88
24) Pentachlorophenol	16.76	266	2483	0.551	ng	98
25) Phenanthrene	17.15	178	7247	0.154	ng	97
26) Anthracene	17.24	178	5868	0.139	ng	100
28) Fluoranthene	19.18	202	8755	0.150	ng	# 96
30) Pvrene	19.54	202	9164	0.172	ng	99
32) Benzo(a)anthracene	21.30	228	8715	0.159	ng	98
33) Chrysene	21.35	228	8853	0.154	ng	98
34) Bis(2-ethylhexyl)phthalate	21.24	149	6813	0.278	ng	97
35) Indeno(1,2,3-cd)pyrene	25.82	276	10952	0.145	ng	98
37) Benzo(b)fluoranthene	22.89	252	9623	0.148	ng	# 78
38) Benzo(k)fluoranthene	22.94	252	9382	0.144	ng	# 79
39) Benzo(a)pyrene	23.47	252	8504	0.149	ng	# 63
40) Dibenzo(a,h)anthracene	25.84	278	9140	0.139	ng	# 88
41) Benzo(g,h,i)perylene	26.51	276	9260	0.141	ng	# 92

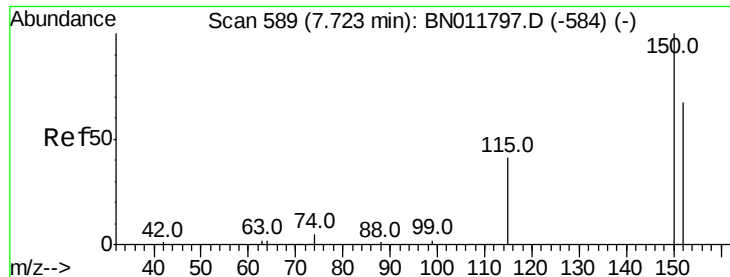
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091620\
Data File : BN011815.D
Acq On : 16 Sep 2020 16:11
Operator : CG/JU
Sample : L3988-22MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Quant Time: Sep 16 16:40:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 12:37:34 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 589

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

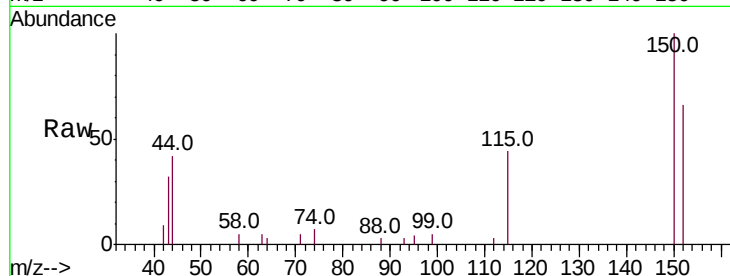
Tot Ion:152 Resp: 2671

Ion Ratio Lower Upper

152 100

150 151.2 118.3 177.5

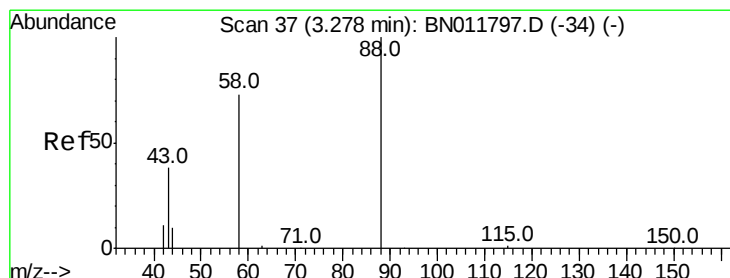
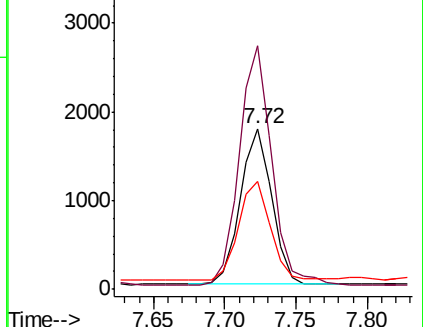
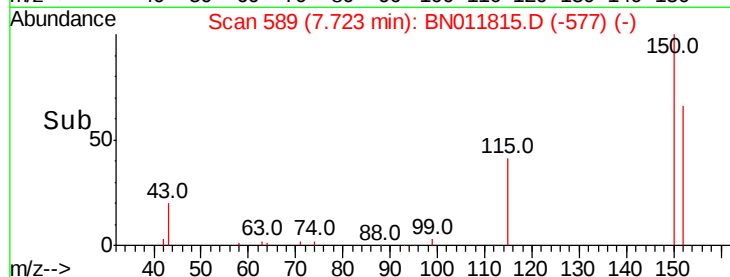
115 66.7 51.3 76.9



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: 0.333 ng

RT: 3.28 min Scan# 37

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

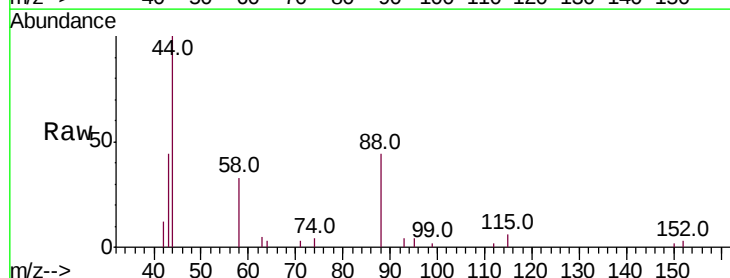
Tgt Ion: 88 Resp: 1277

Ion Ratio Lower Upper

88 100

58 70.1 63.3 94.9

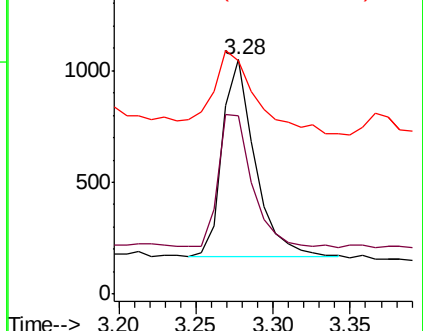
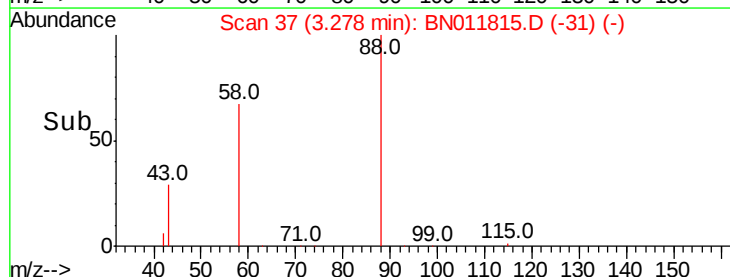
43 56.1 33.0 49.4#

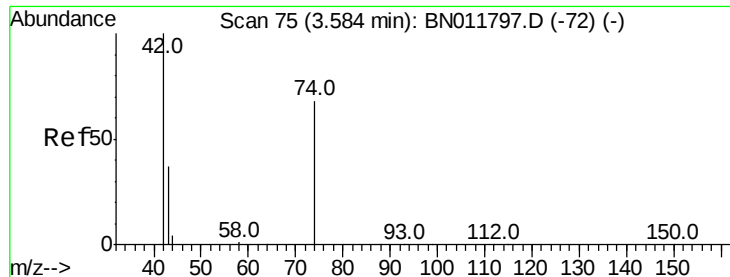


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.110 ng

RT: 3.58 min Scan# 74

Delta R.T. -0.01 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

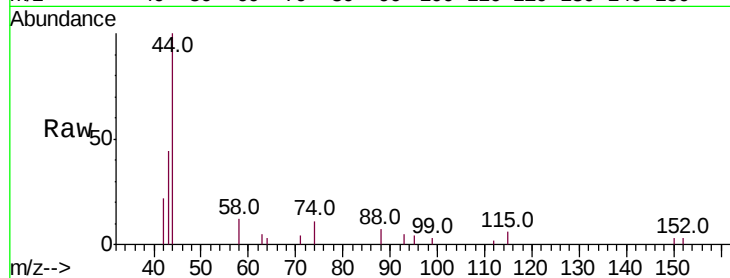
Tot Ion: 42 Resp: 632

Ion Ratio Lower Upper

42 100

74 62.8 64.4 96.6#

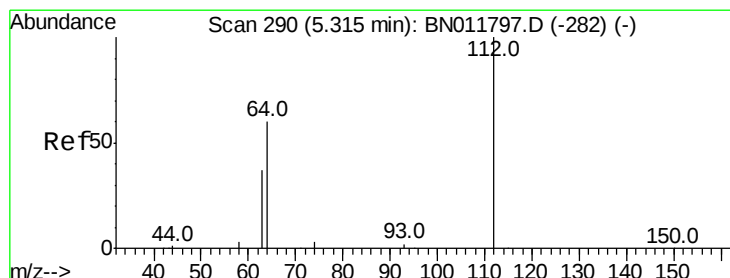
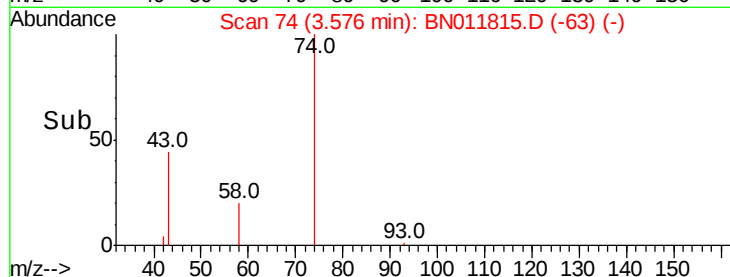
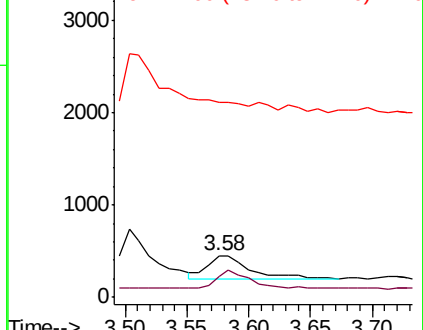
44 0.0 6.7 10.1#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.291 ng

RT: 5.32 min Scan# 290

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

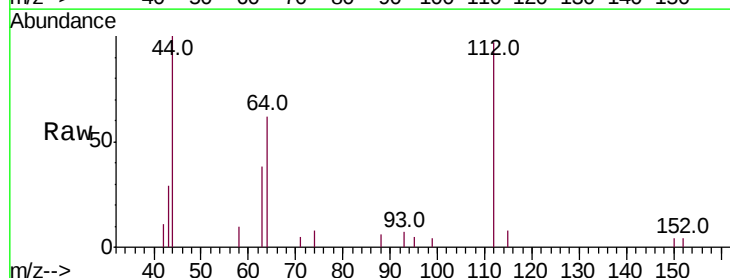
Tgt Ion: 112 Resp: 2148

Ion Ratio Lower Upper

112 100

64 61.6 49.0 73.6

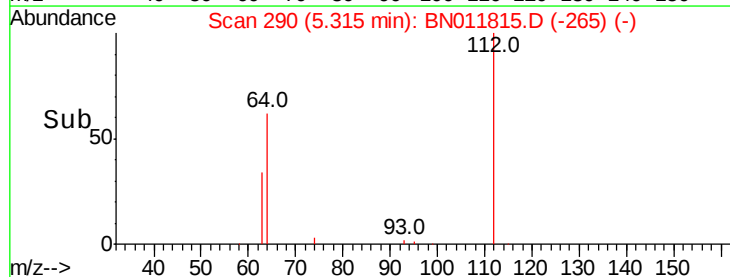
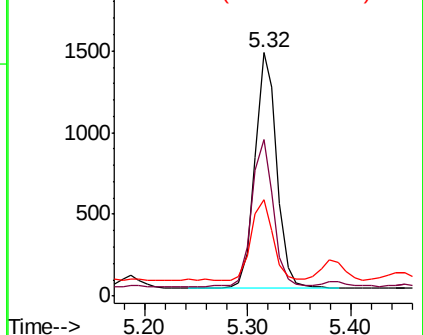
63 34.7 31.8 47.6

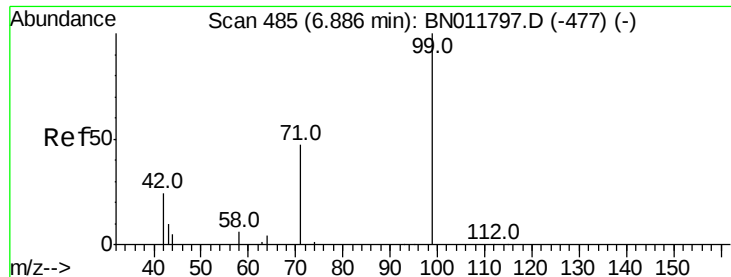


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.265 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

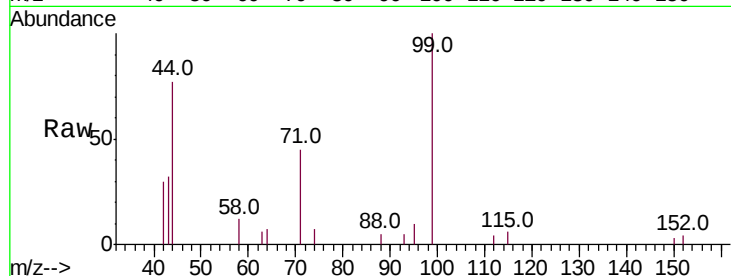
Tot Ion: 99 Resp: 2514

Ion Ratio Lower Upper

99 100

42 27.8 23.4 35.0

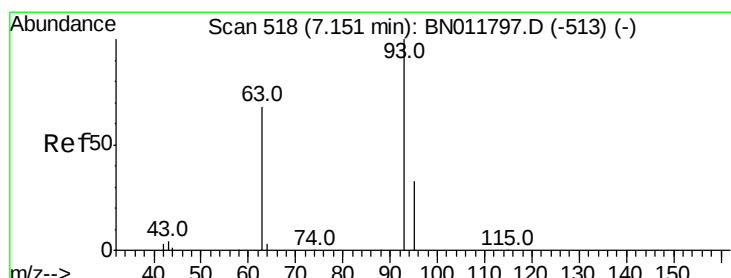
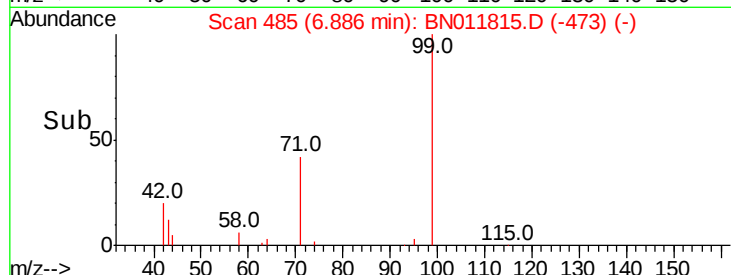
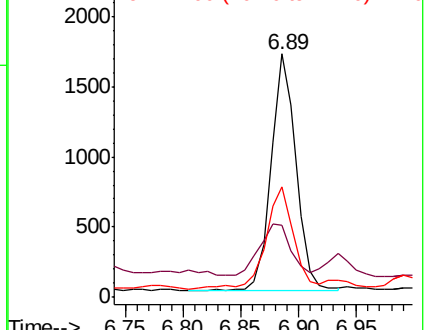
71 47.9 38.1 57.1



Abundance Ion 99.00 (98.70 to 99.70): BN011815.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011815.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011815.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.132 ng

RT: 7.15 min Scan# 518

Delta R.T. 0.01 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

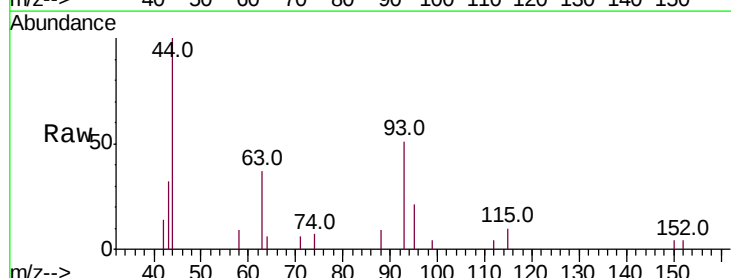
Tgt Ion: 93 Resp: 1023

Ion Ratio Lower Upper

93 100

63 76.1 61.1 91.7

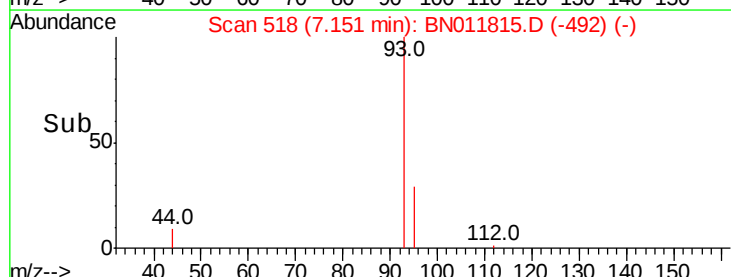
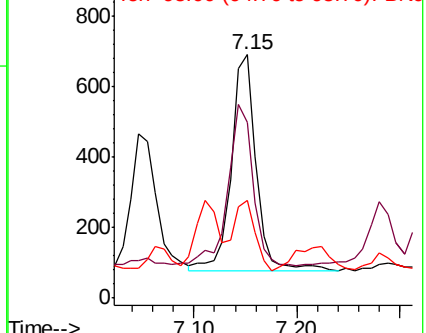
95 29.0 25.5 38.3

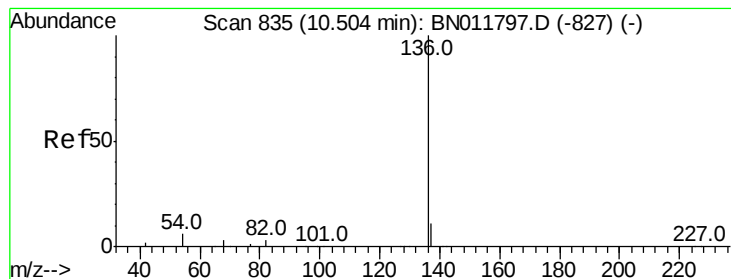


Abundance Ion 93.00 (92.70 to 93.70): BN011815.D (-492) (-)

Ion 63.00 (62.70 to 63.70): BN011815.D (-492) (-)

Ion 95.00 (94.70 to 95.70): BN011815.D (-492) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion:136 Resp: 10523

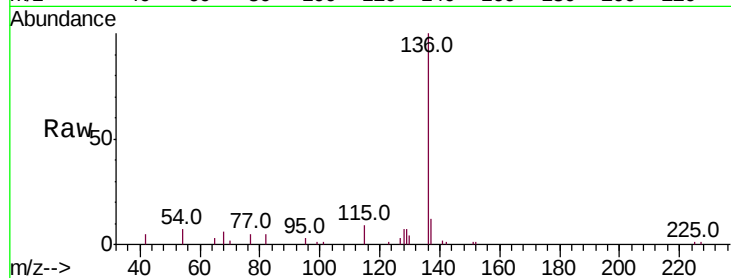
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 7.2 5.6 8.4

68 5.8 3.2 4.8#

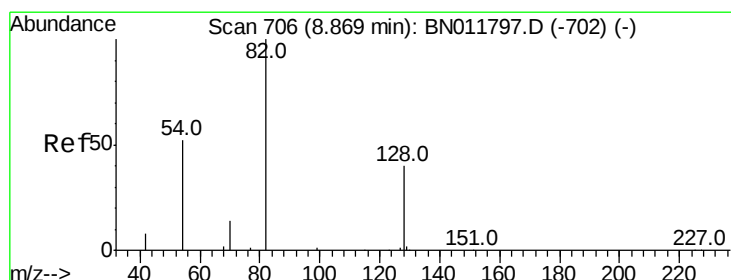
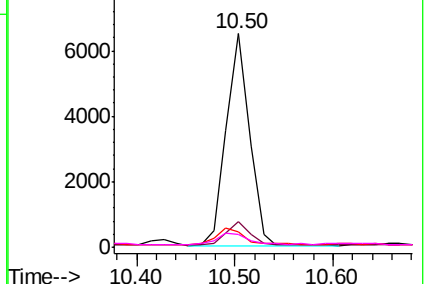
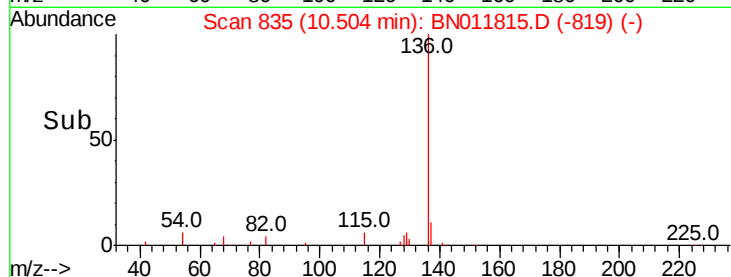


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.264 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.01 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

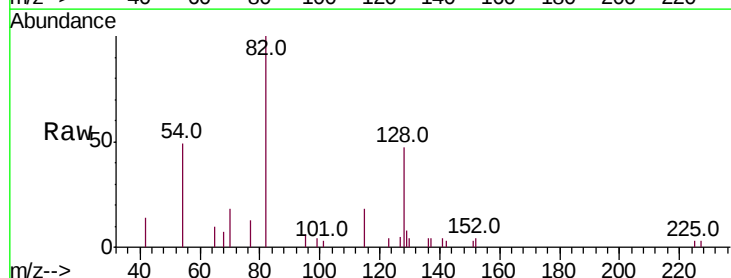
Tgt Ion: 82 Resp: 3064

Ion Ratio Lower Upper

82 100

128 47.3 34.2 51.2

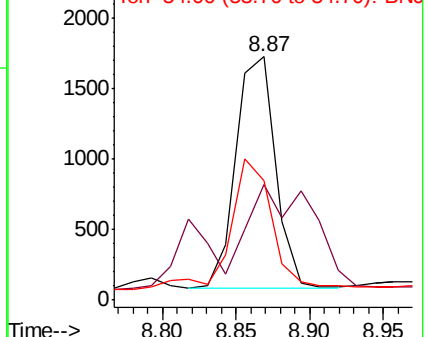
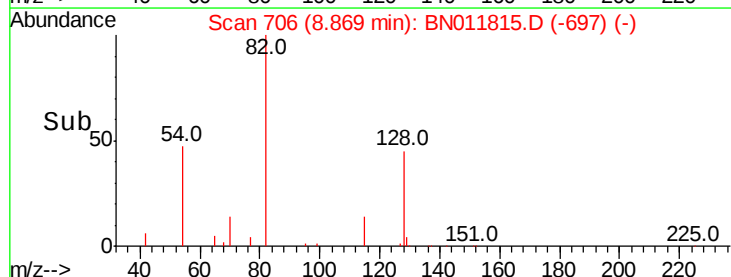
54 49.1 43.1 64.7

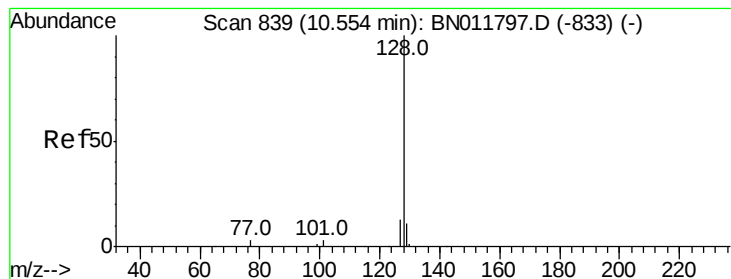


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.435 ng

RT: 10.55 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

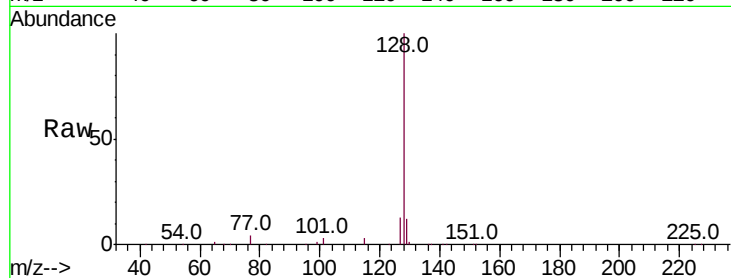
Tot Ion:128 Resp: 103508

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

127 13.2 11.0 16.4

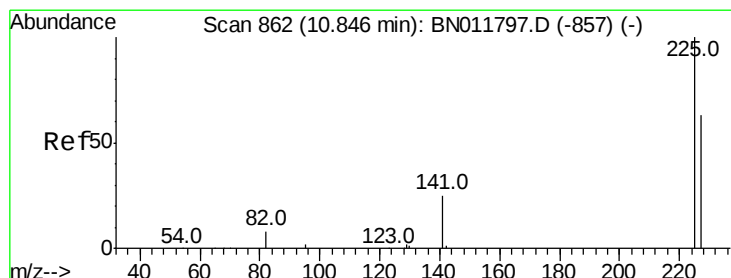
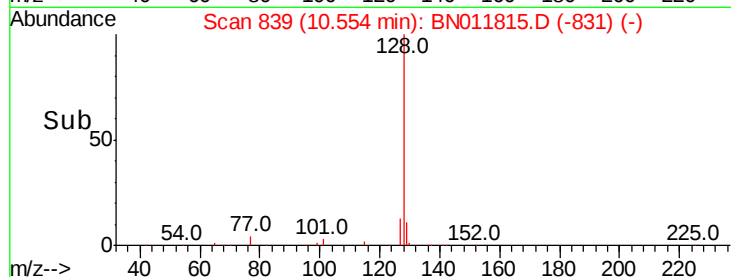
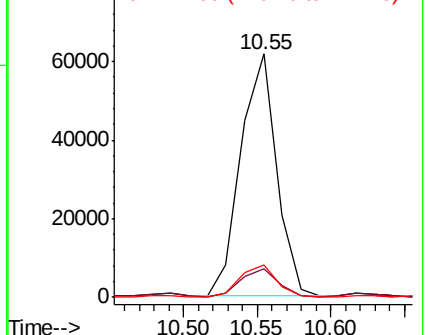


Abundance

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: 0.086 ng

RT: 10.85 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

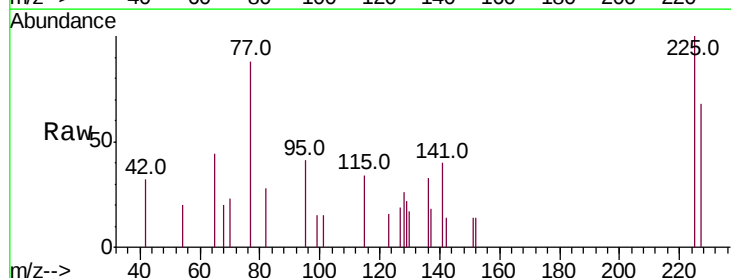
Tgt Ion:225 Resp: 623

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 65.0 51.9 77.9

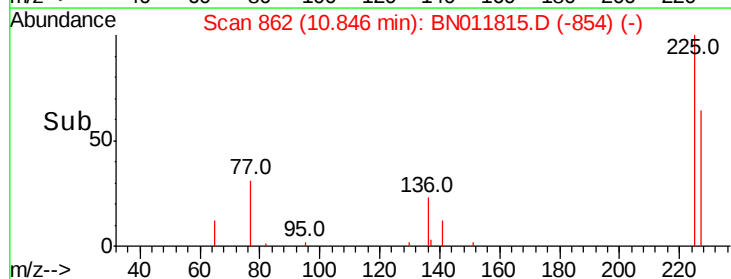
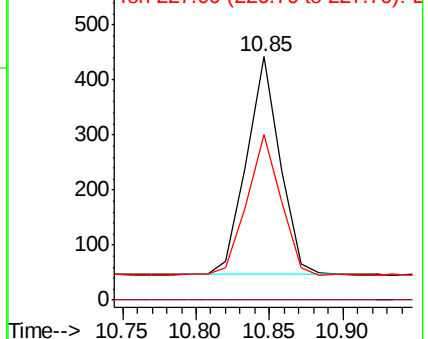


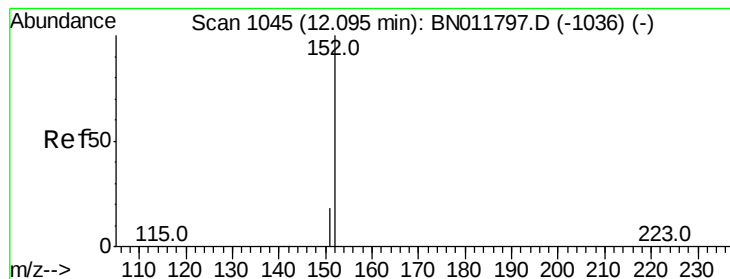
Abundance

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: 0.328 ng

RT: 12.10 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

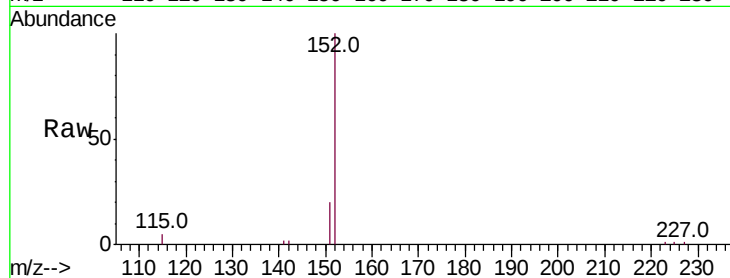
FC-MW03SR1-20200910MS

Tot Ion:152 Resp: 6492

Ion Ratio Lower Upper

152 100

151 19.5 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.10

4000

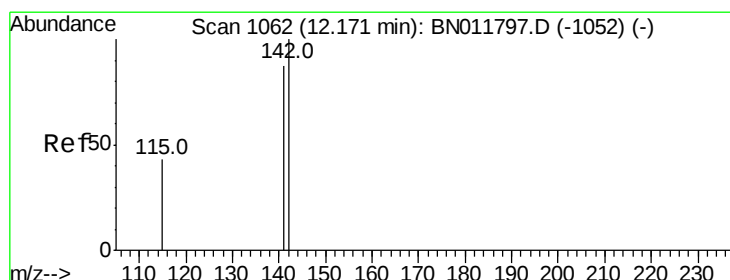
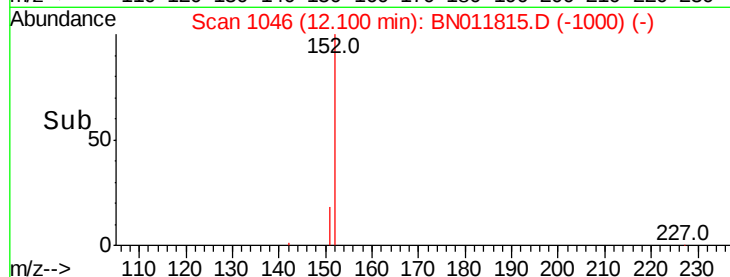
3000

2000

1000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.187 ng

RT: 12.17 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

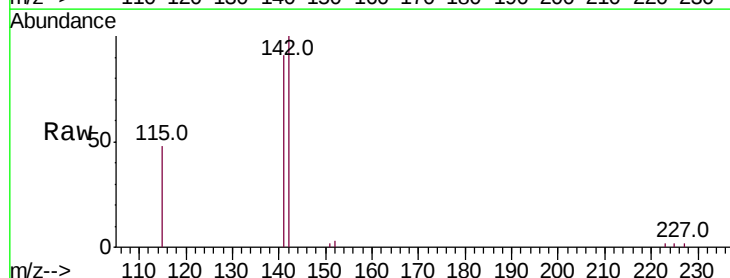
Tgt Ion:142 Resp: 4034

Ion Ratio Lower Upper

142 100

141 91.2 70.0 105.0

115 47.8 35.8 53.6



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

12.17

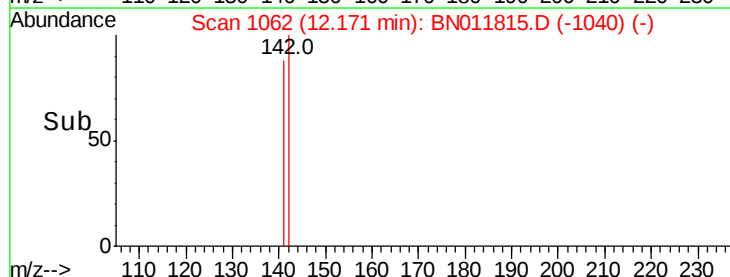
3000

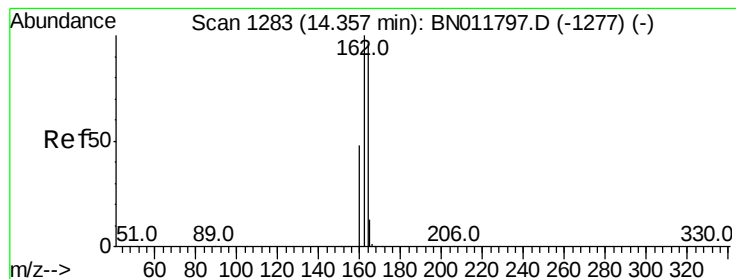
2000

1000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

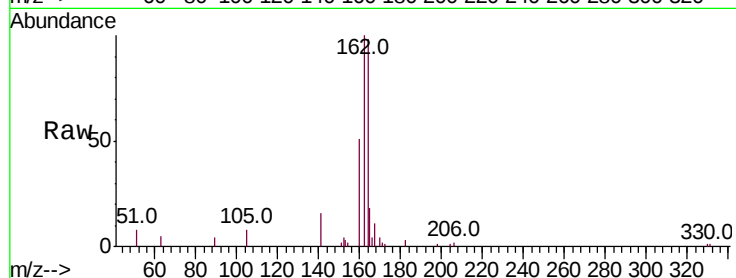
Tot Ion:164 Resp: 7285

Ion Ratio Lower Upper

164 100

162 102.5 83.6 125.4

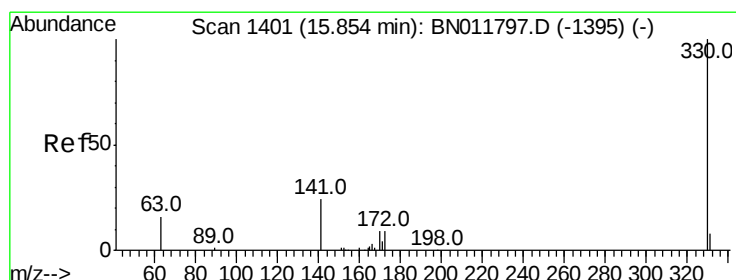
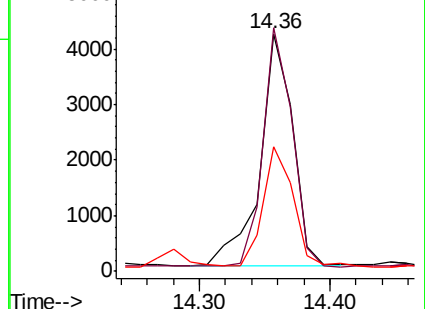
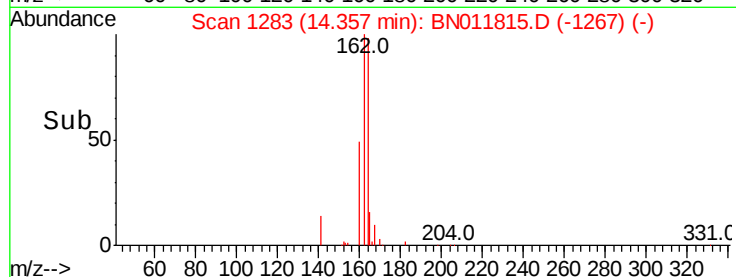
160 52.3 41.2 61.8



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: 0.346 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

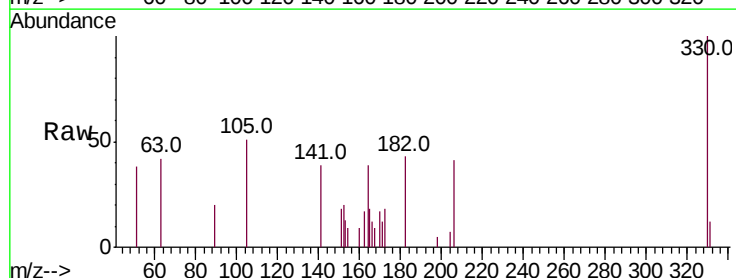
Tgt Ion:330 Resp: 1380

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

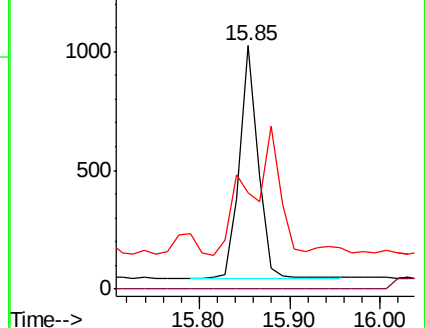
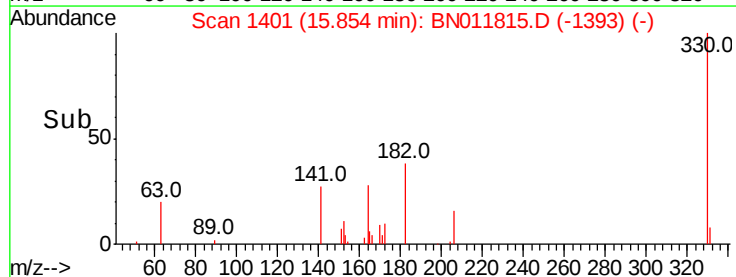
141 0.0 33.7 50.5#

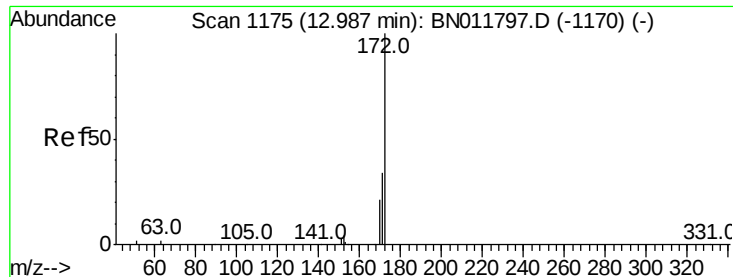


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

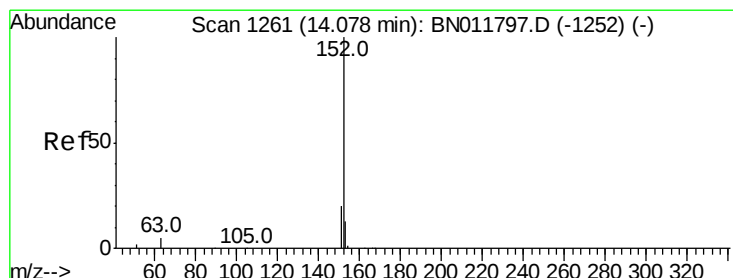
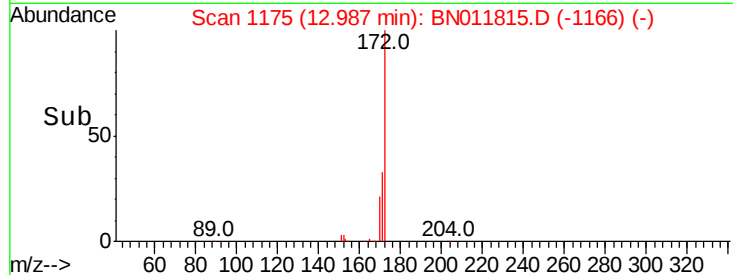
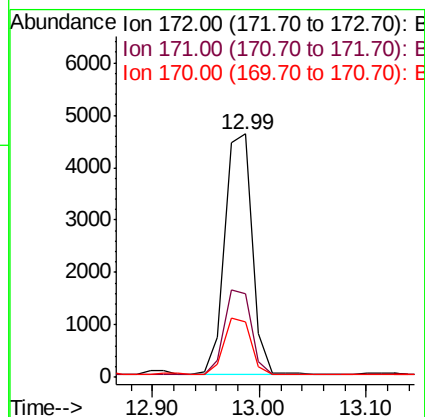
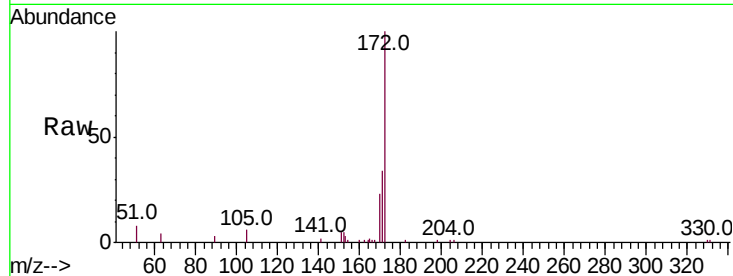




#15
2-Fluorobiphenyl
Concen: 0.247 ng
RT: 12.99 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BN011815.D
Acq: 16 Sep 2020 16:11

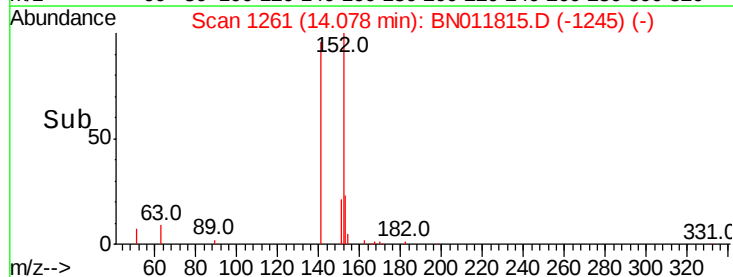
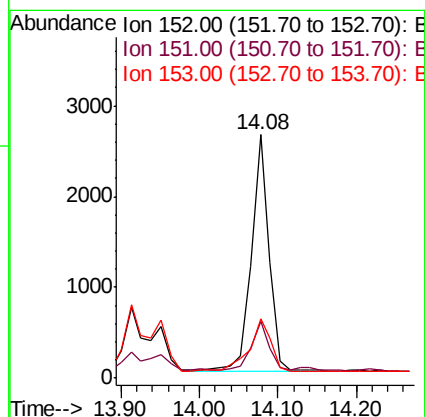
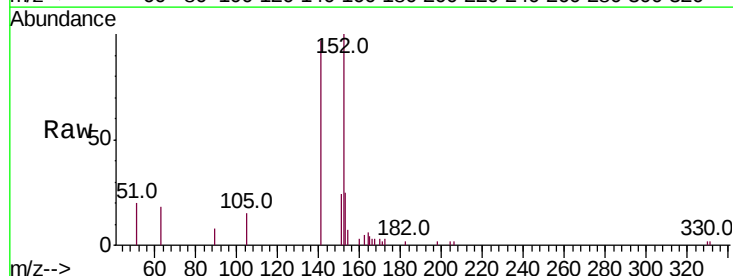
Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910MS

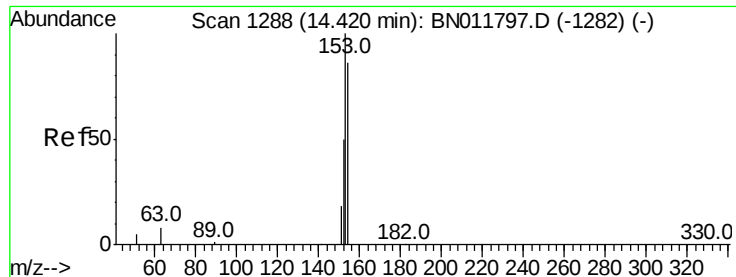
Tot Ion:172 Resp: 8066
Ion Ratio Lower Upper
172 100
171 34.2 27.4 41.2
170 22.5 17.8 26.6



#16
Acenaphthylene
Concen: 0.113 ng
RT: 14.08 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BN011815.D
Acq: 16 Sep 2020 16:11

Tgt Ion:152 Resp: 4102
Ion Ratio Lower Upper
152 100
151 21.0 15.9 23.9
153 27.7 10.5 15.7#





#17

Acenaphthene

Concen: 0.124 ng

RT: 14.42 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

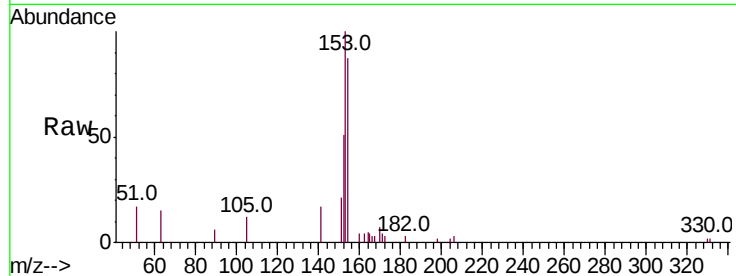
Tot Ion:154 Resp: 3181

Ion Ratio Lower Upper

154 100

153 118.8 83.4 125.2

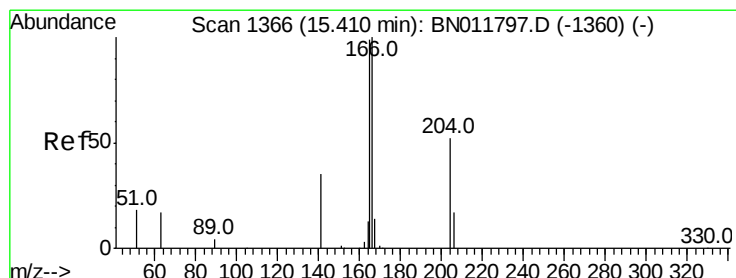
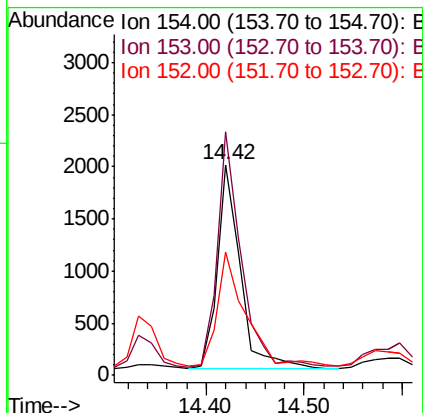
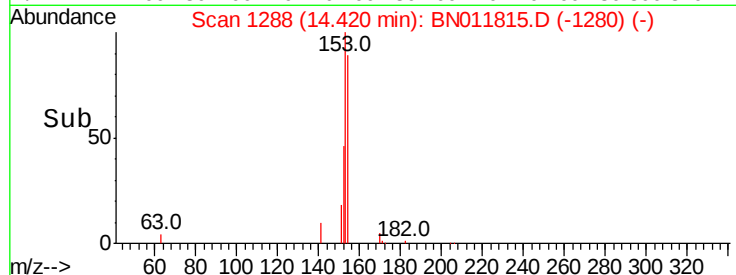
152 65.9 42.8 64.2#



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: 0.180 ng

RT: 15.41 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

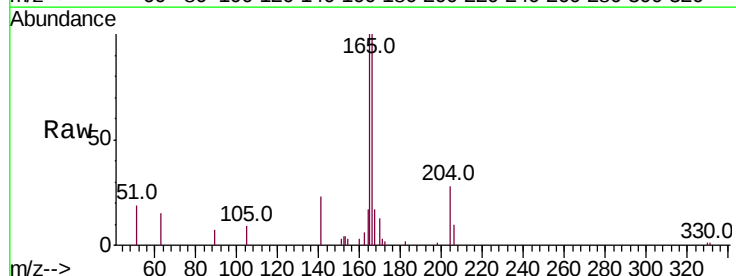
Tgt Ion:166 Resp: 5826

Ion Ratio Lower Upper

166 100

165 100.3 78.8 118.2

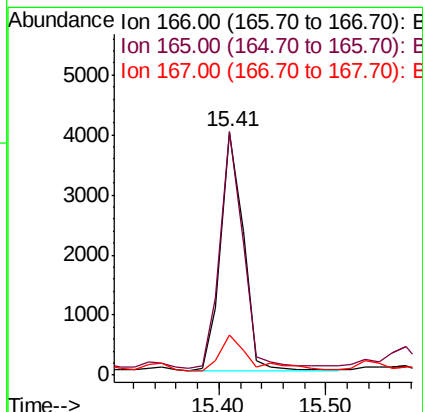
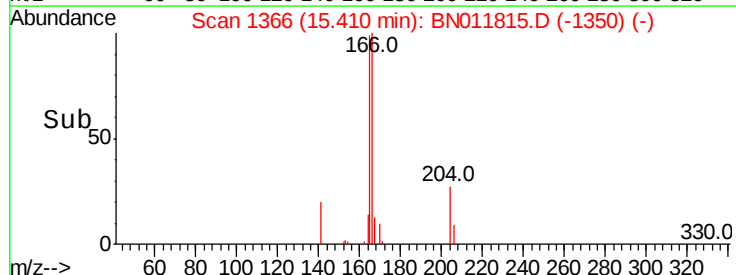
167 20.0 11.2 16.8#

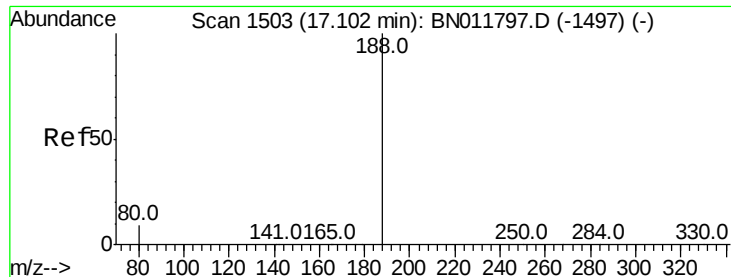


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.11 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

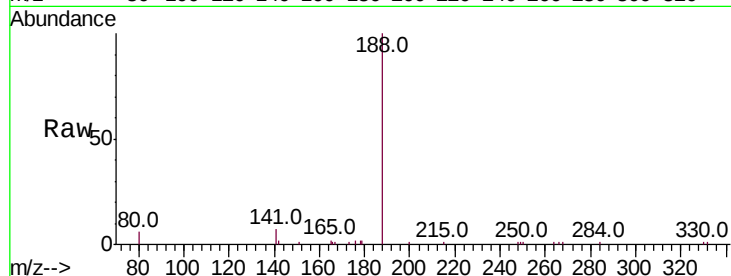
Tot Ion:188 Resp: 14413

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

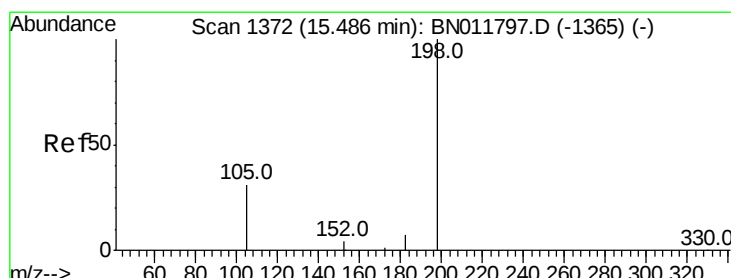
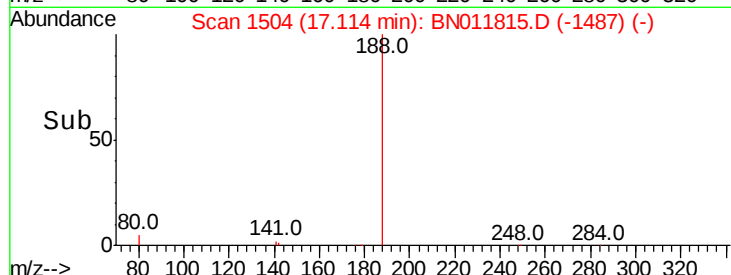
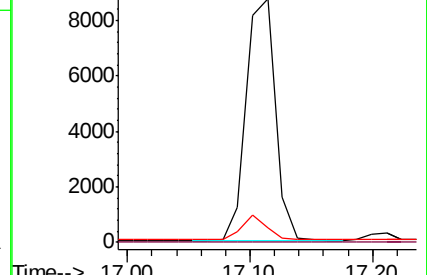
80 6.0 7.7 11.5#



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

4,6-Dinitro-2-methylphenol

Concen: 0.135 ng

RT: 15.49 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

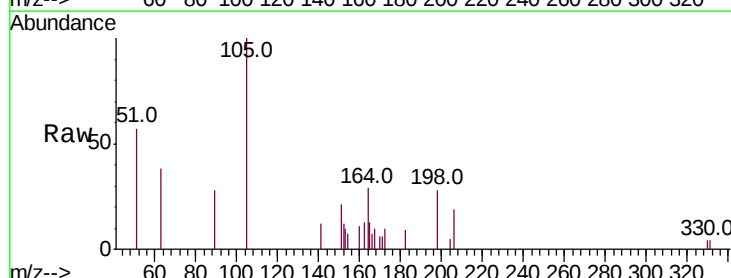
Tgt Ion:198 Resp: 439

Ion Ratio Lower Upper

198 100

51 203.6 45.0 67.4#

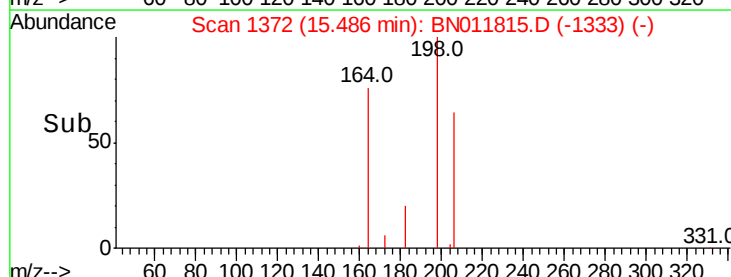
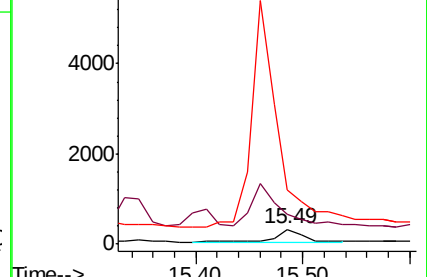
105 358.9 30.4 45.6#

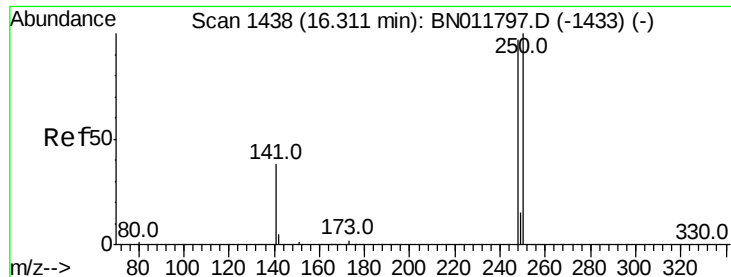


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

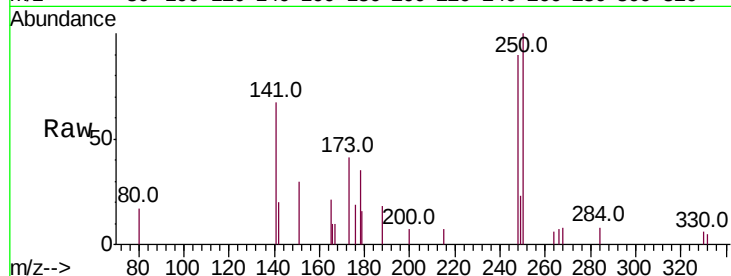




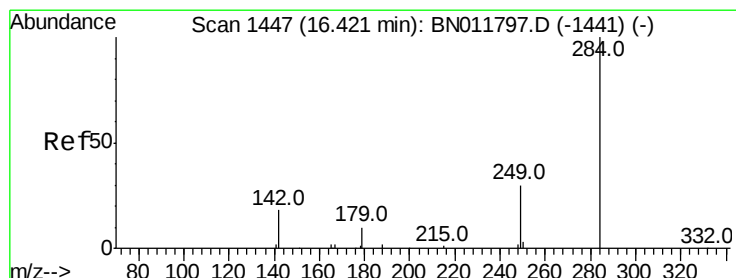
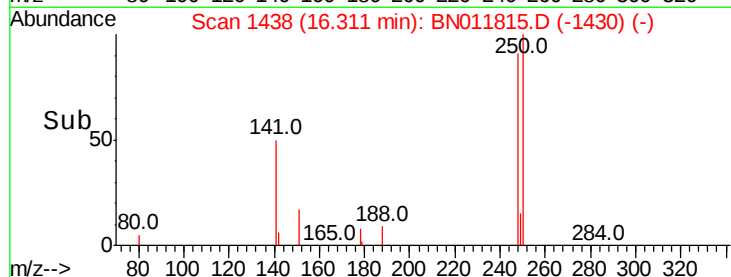
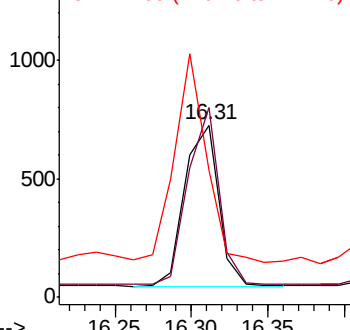
#21
4-Bromophenyl-phenylether
Concen: 0.114 ng
RT: 16.31 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BN011815.D
Acq: 16 Sep 2020 16:11

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion:248 Resp: 1038
Ion Ratio Lower Upper
248 100
250 110.6 82.7 124.1
141 73.6 33.7 50.5#

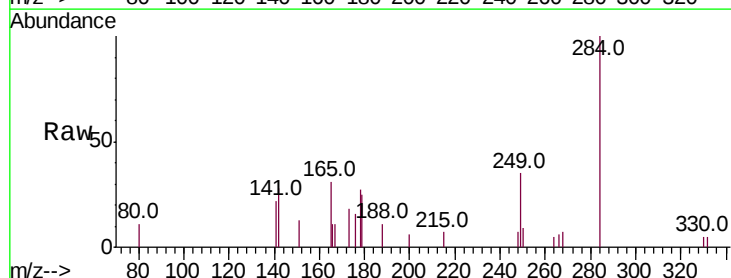


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

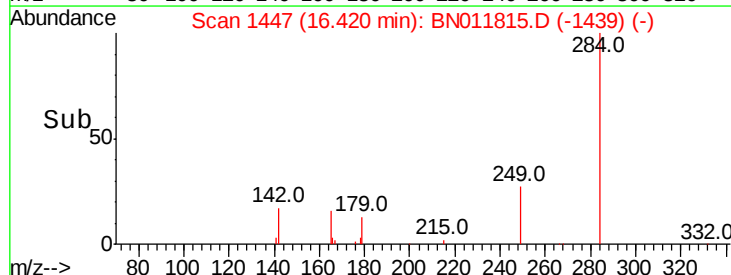
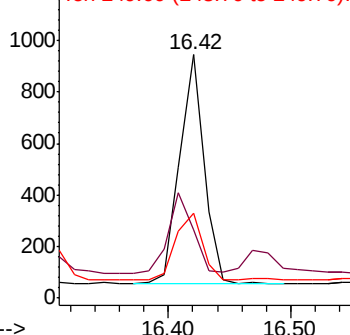


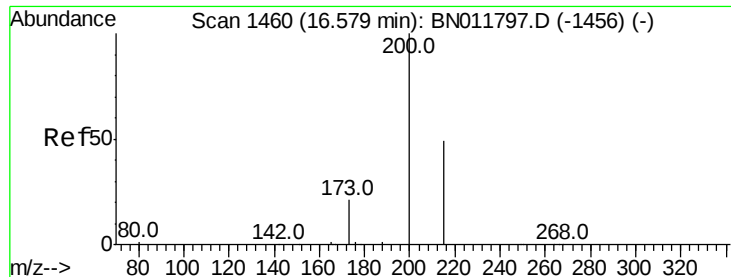
#22
Hexachlorobenzene
Concen: 0.116 ng
RT: 16.42 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN011815.D
Acq: 16 Sep 2020 16:11

Tgt Ion:284 Resp: 1235
Ion Ratio Lower Upper
284 100
142 37.0 32.4 48.6
249 32.1 26.8 40.2



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





#23

Atrazine

Concen: 0.168 ng

RT: 16.58 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

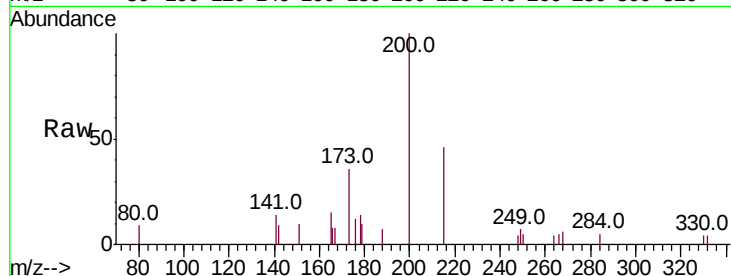
Tot Ion:200 Resp: 1409

Ion Ratio Lower Upper

200 100

173 35.7 18.7 28.1#

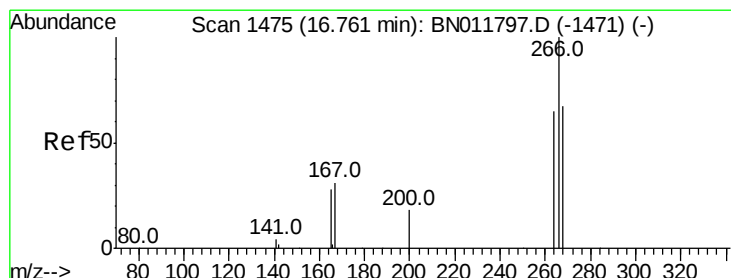
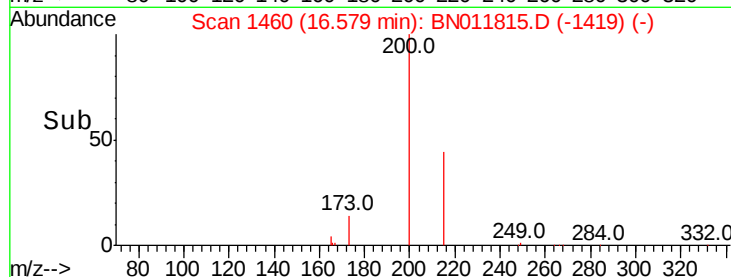
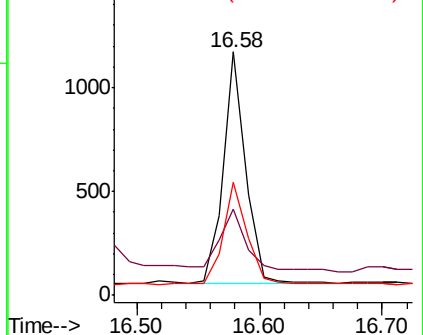
215 46.2 40.2 60.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.551 ng

RT: 16.76 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

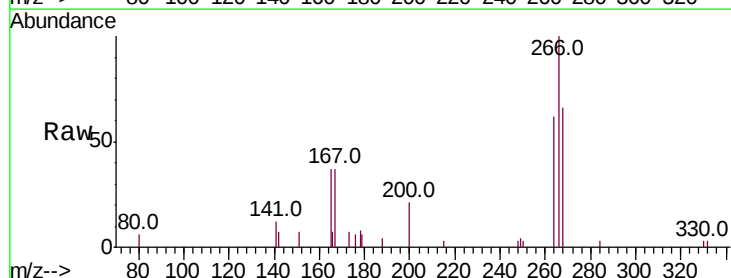
Tgt Ion:266 Resp: 2483

Ion Ratio Lower Upper

266 100

264 61.4 51.2 76.8

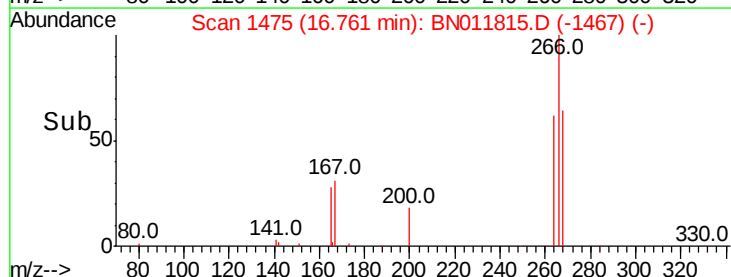
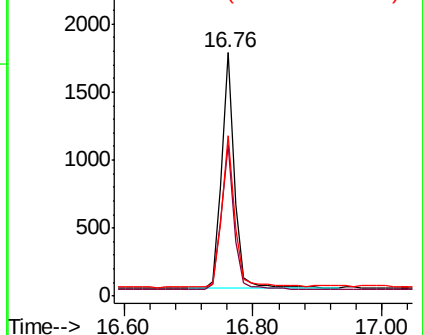
268 64.8 52.4 78.6

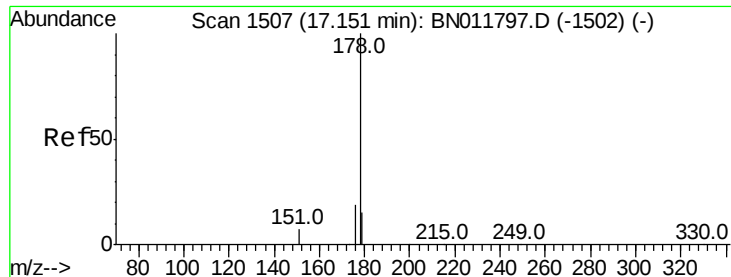


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.154 ng

RT: 17.15 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

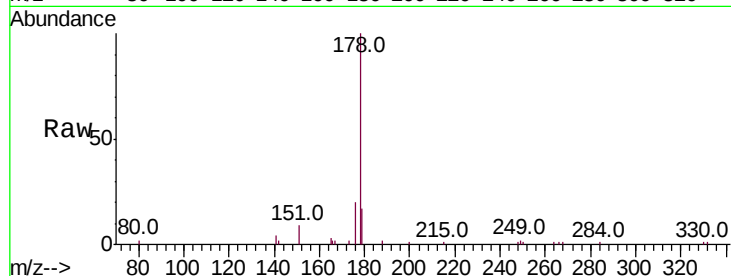
Tot Ion:178 Resp: 7247

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

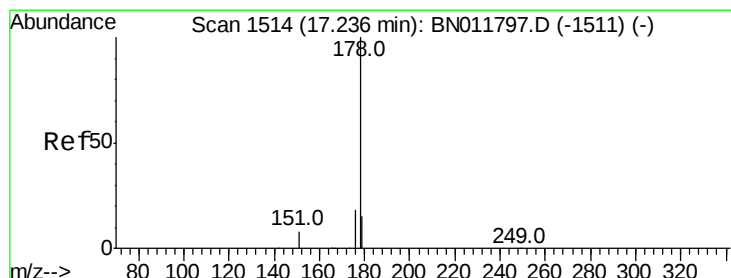
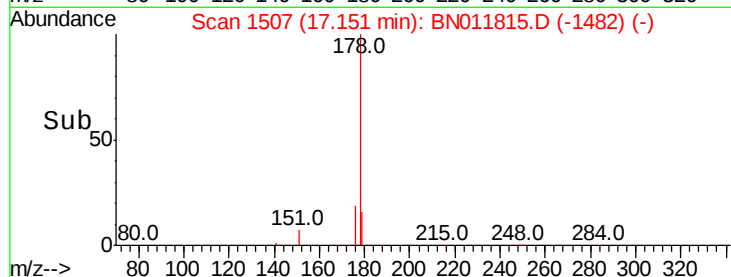
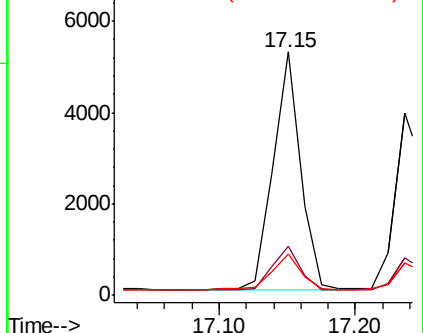
179 16.6 12.3 18.5



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



#26

Anthracene

Concen: 0.139 ng

RT: 17.24 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

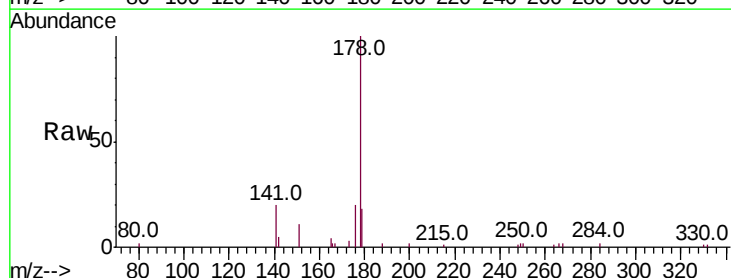
Tgt Ion:178 Resp: 5868

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

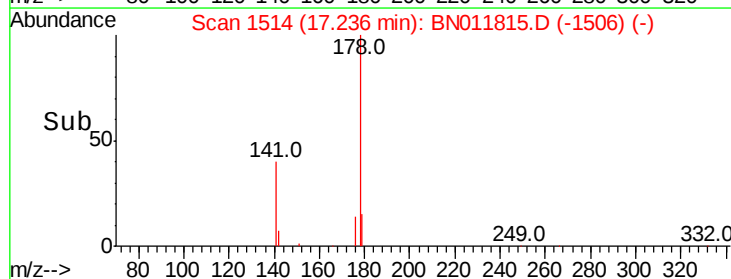
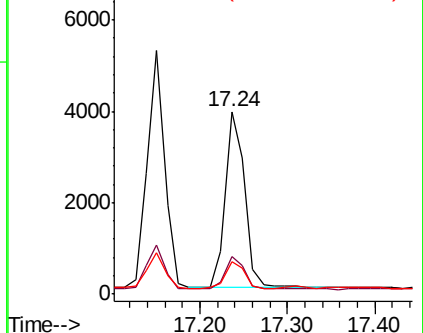
179 15.5 12.4 18.6

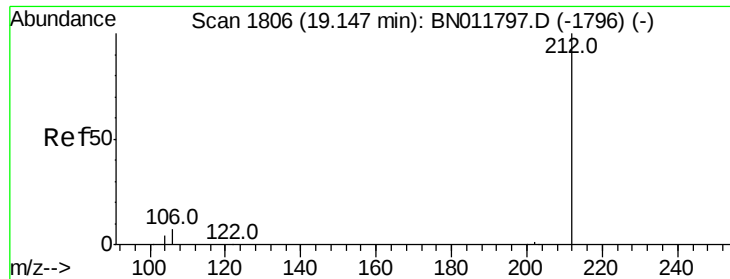


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

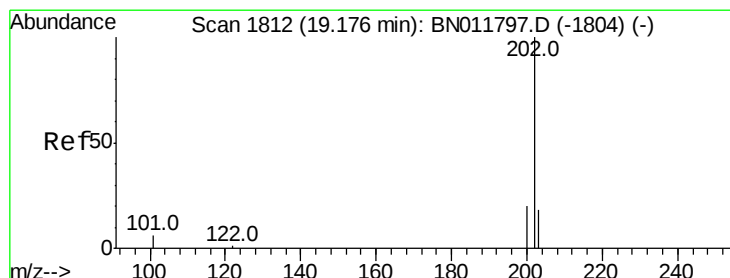
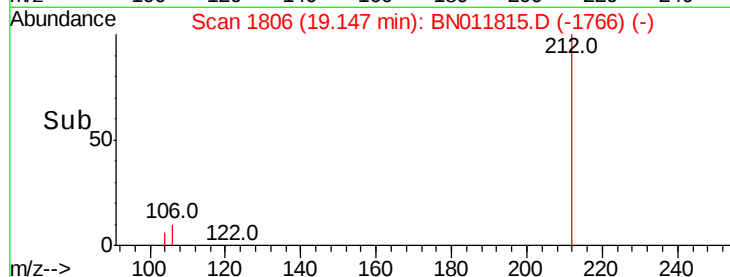
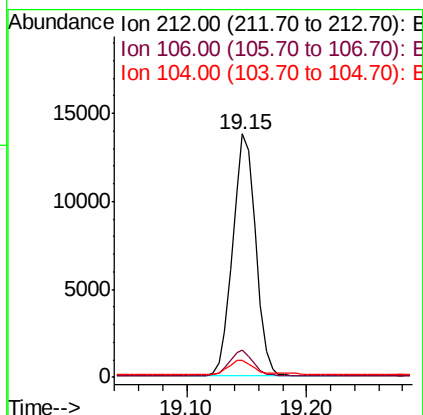
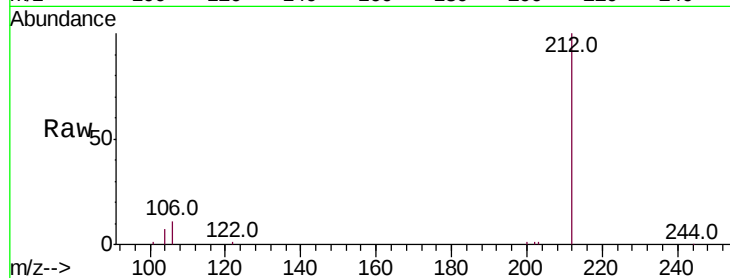




#27
 Fluoranthene-d10
 Concen: 0.390 ng
 RT: 19.15 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BN011815.D
 Acq: 16 Sep 2020 16:11

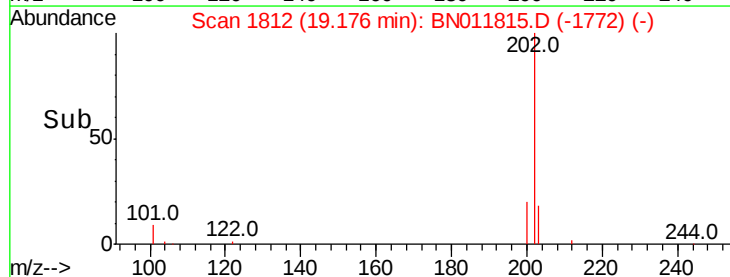
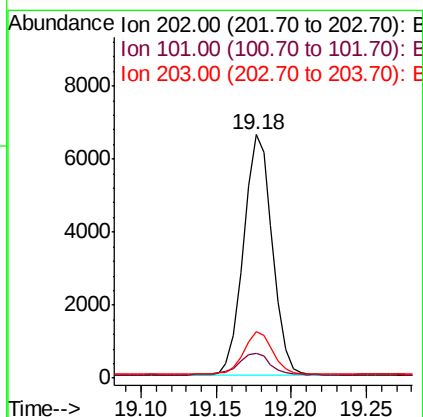
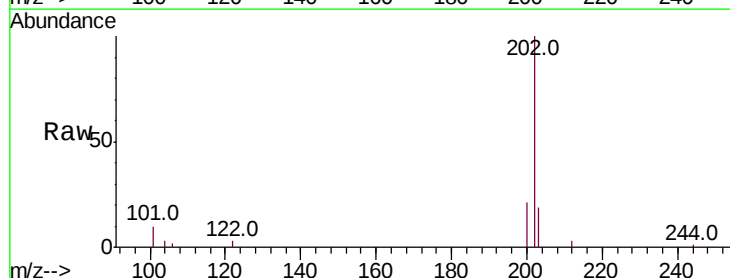
Instrument :
 BNA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

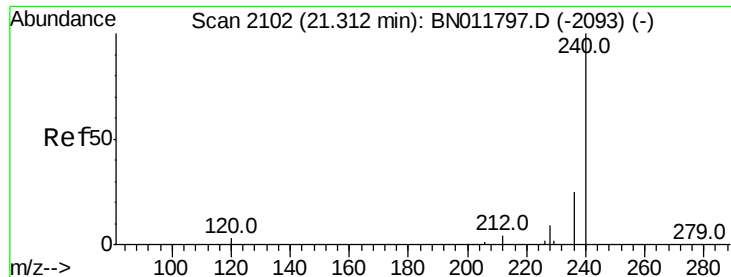
Tot Ion:212 Resp: 18319
 Ion Ratio Lower Upper
 212 100
 106 10.3 6.4 9.6#
 104 6.2 3.9 5.9#



#28
 Fluoranthene
 Concen: 0.150 ng
 RT: 19.18 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BN011815.D
 Acq: 16 Sep 2020 16:11

Tgt Ion:202 Resp: 8755
 Ion Ratio Lower Upper
 202 100
 101 10.0 5.4 8.2#
 203 18.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

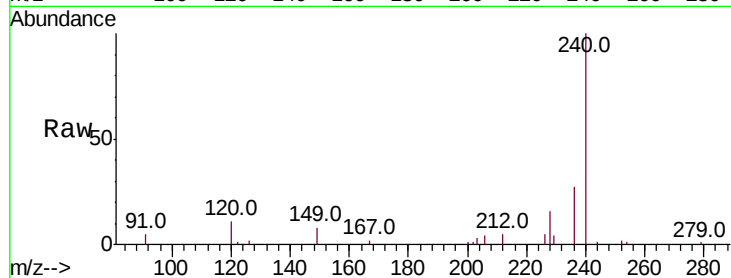
Tot Ion:240 Resp: 15022

Ion Ratio Lower Upper

240 100

120 10.5 3.5 5.3#

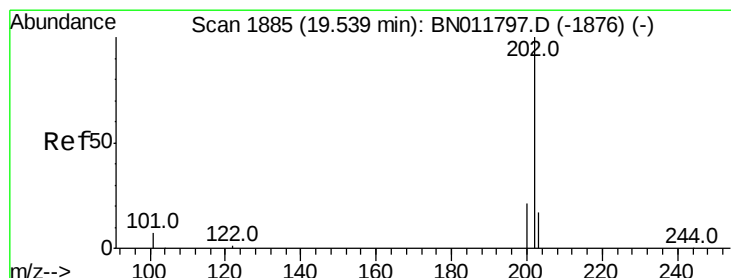
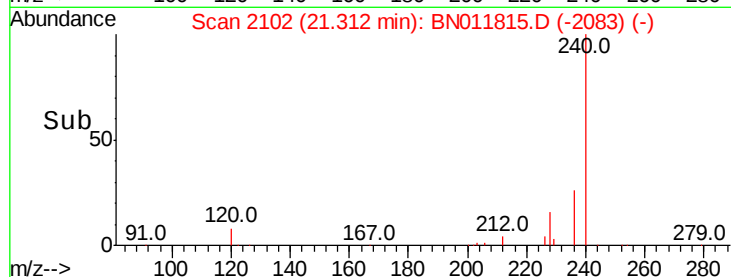
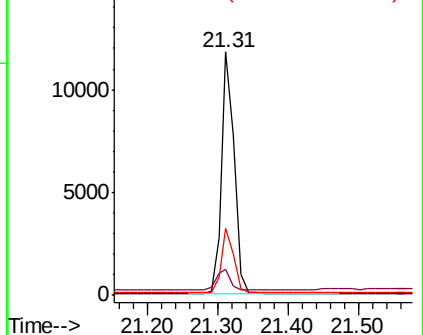
236 27.3 20.5 30.7



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



#30

Pyrene

Concen: 0.172 ng

RT: 19.54 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

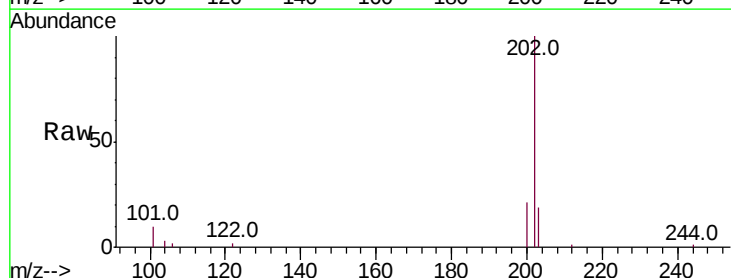
Tgt Ion:202 Resp: 9164

Ion Ratio Lower Upper

202 100

200 20.8 16.5 24.7

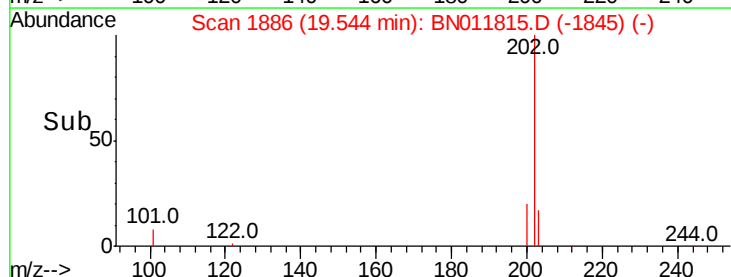
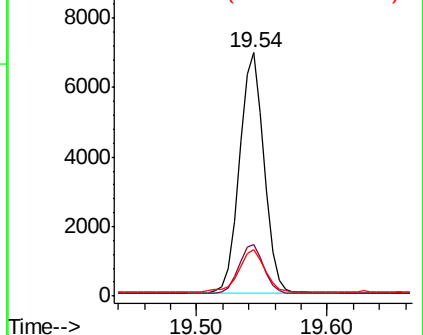
203 18.6 13.9 20.9

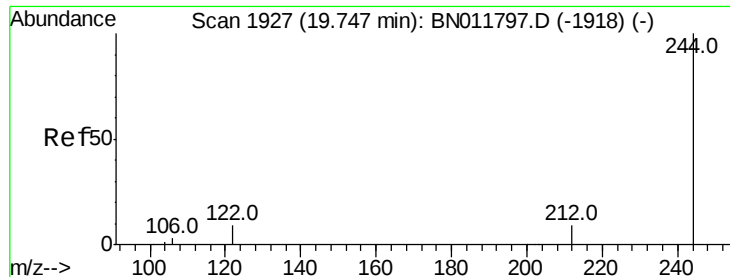


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.327 ng

RT: 19.75 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

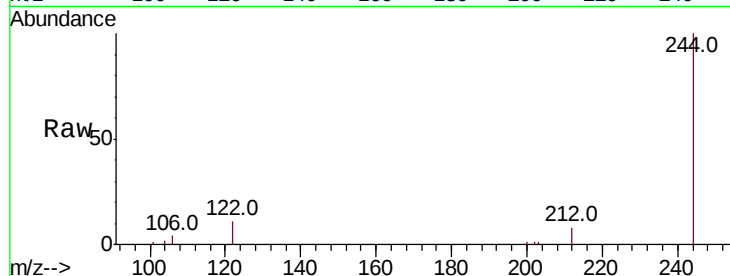
Tot Ion:244 Resp: 15381

Ion Ratio Lower Upper

244 100

212 8.4 7.3 10.9

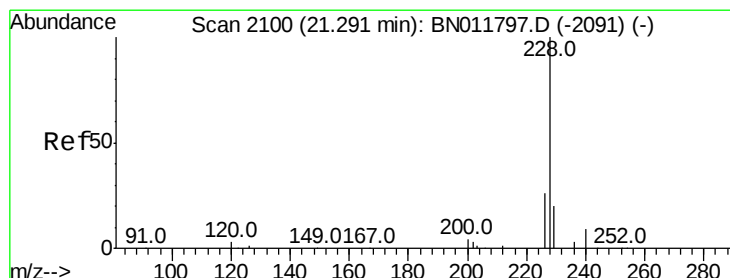
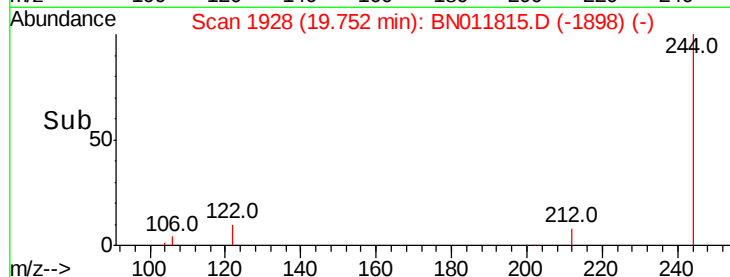
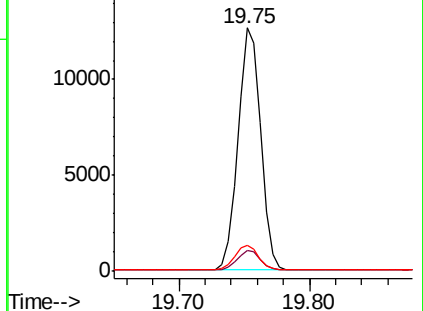
122 10.8 7.8 11.6



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

Benzo(a)anthracene

Concen: 0.159 ng

RT: 21.30 min Scan# 2101

Delta R.T. 0.01 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

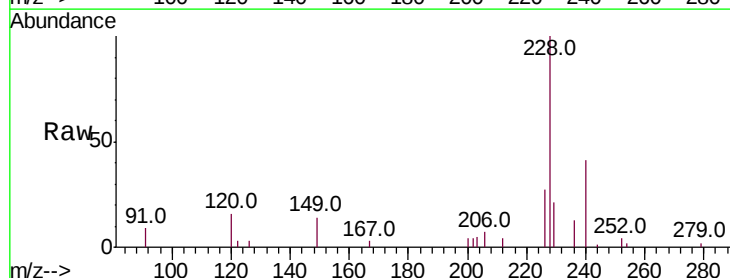
Tgt Ion:228 Resp: 8715

Ion Ratio Lower Upper

228 100

226 26.7 21.0 31.4

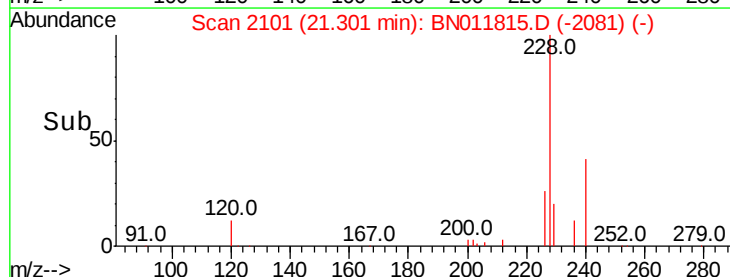
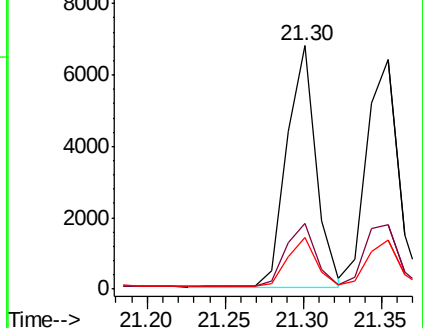
229 21.0 16.0 24.0

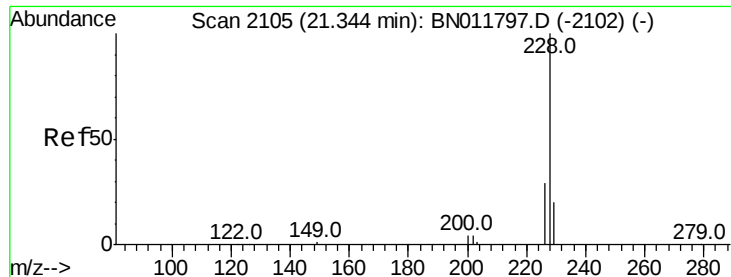


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.154 ng

RT: 21.35 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

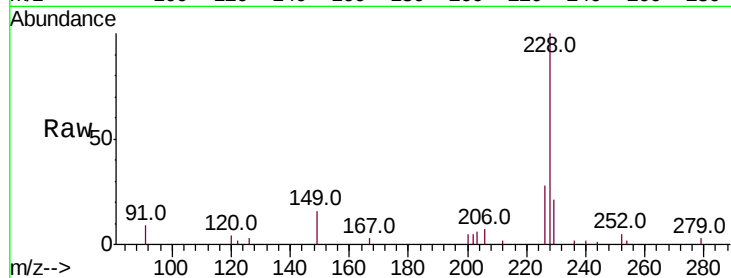
Tot Ion:228 Resp: 8853

Ion Ratio Lower Upper

228 100

226 28.3 23.3 34.9

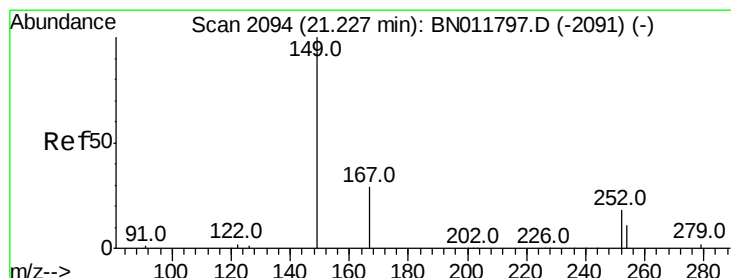
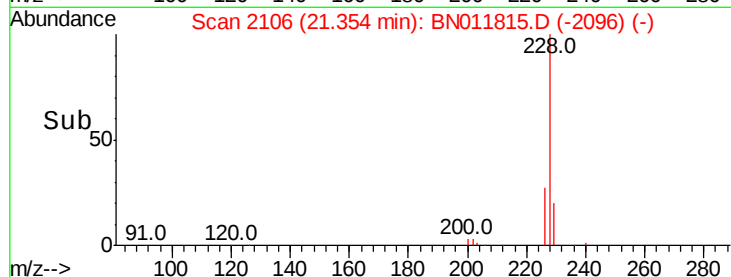
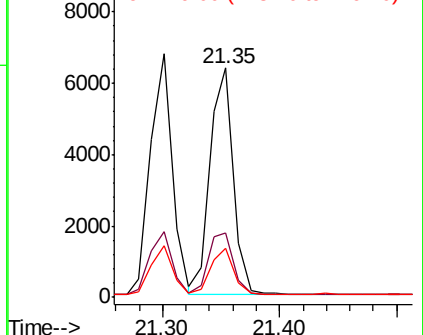
229 21.3 15.8 23.8



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.278 ng

RT: 21.24 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

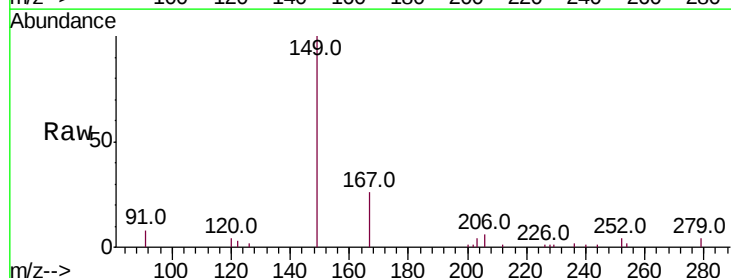
Tgt Ion:149 Resp: 6813

Ion Ratio Lower Upper

149 100

167 27.9 23.6 35.4

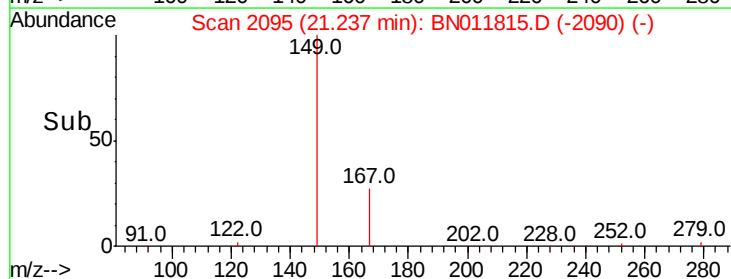
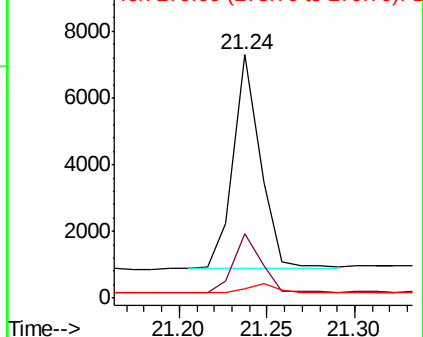
279 5.3 4.0 6.0

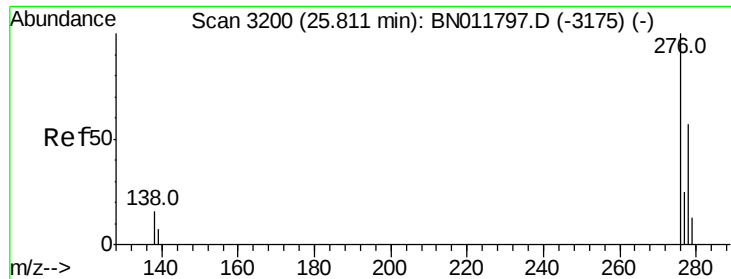


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

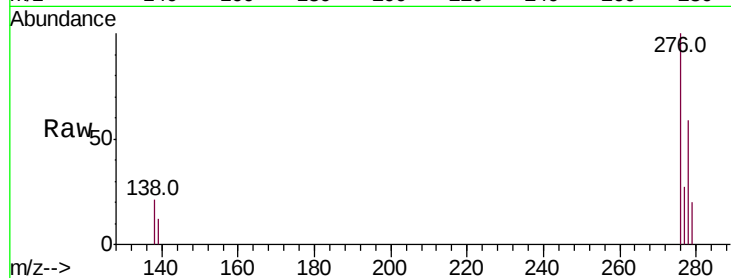




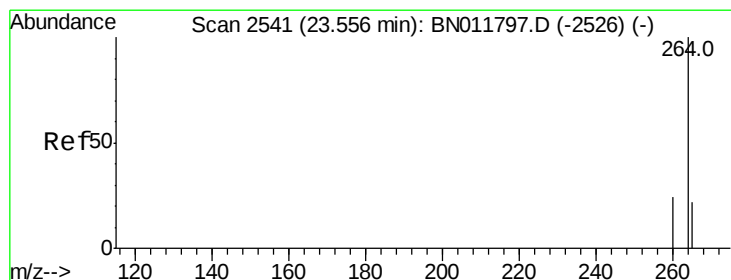
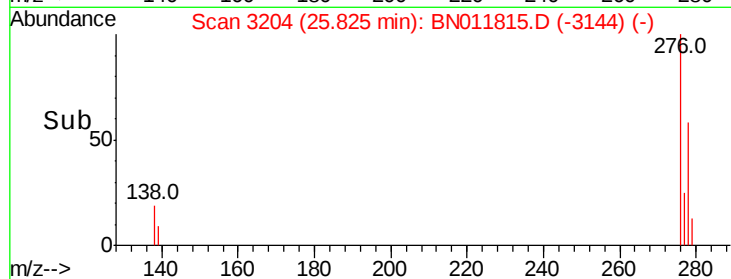
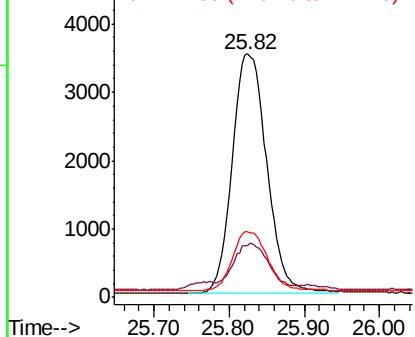
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.145 ng
 RT: 25.82 min Scan# 3204
 Delta R.T. 0.01 min
 Lab File: BN011815.D
 Acq: 16 Sep 2020 16:11

Instrument :
 BNA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

Tot Ion:276 Resp: 10952
 Ion Ratio Lower Upper
 276 100
 138 17.4 13.0 19.4
 277 24.6 20.0 30.0

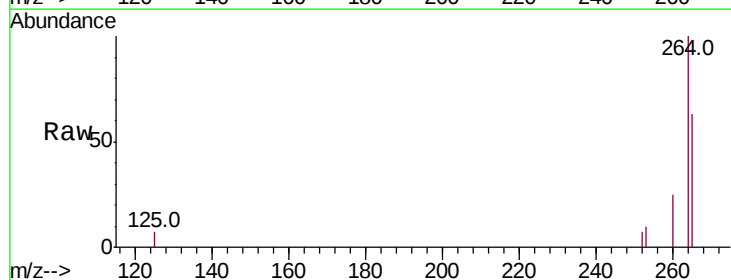


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

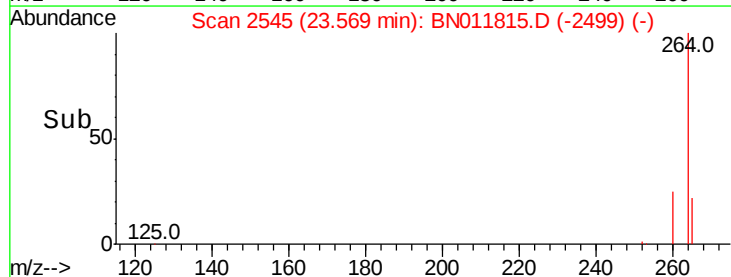
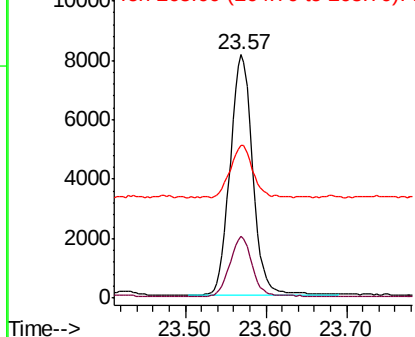


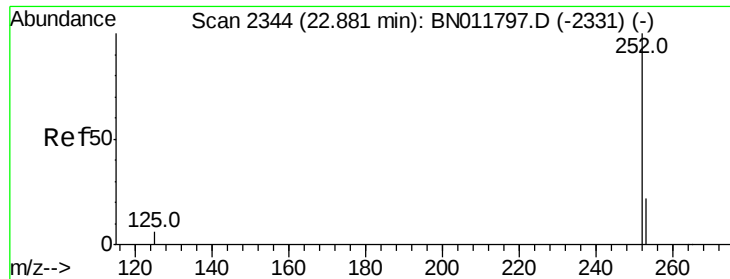
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.57 min Scan# 2545
 Delta R.T. 0.01 min
 Lab File: BN011815.D
 Acq: 16 Sep 2020 16:11

Tgt Ion:264 Resp: 15732
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.6 29.4
 265 62.8 38.6 58.0#



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

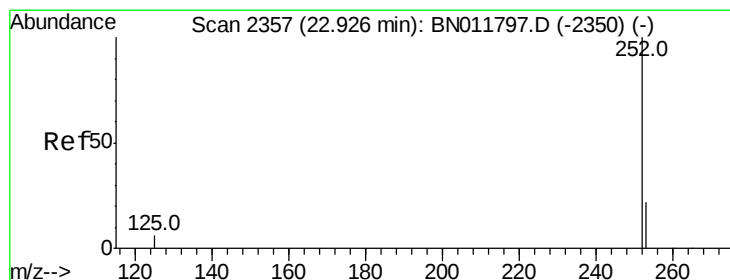
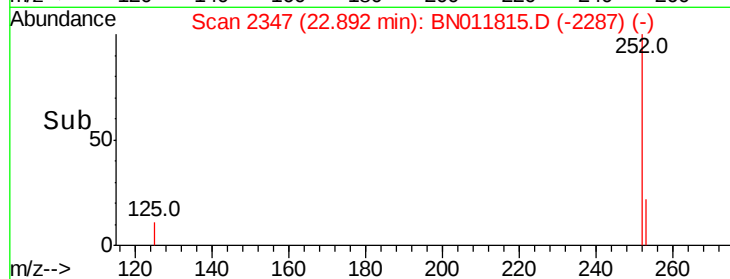
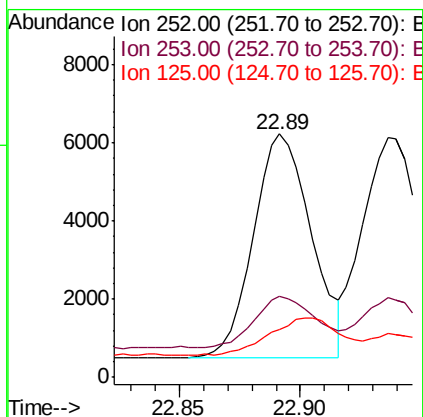
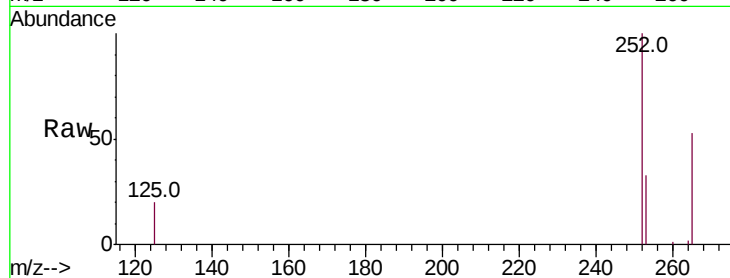




#37
Benzo(b)fluoranthene
Concen: 0.148 ng
RT: 22.89 min Scan# 2347
Delta R.T. 0.01 min
Lab File: BN011815.D
Acq: 16 Sep 2020 16:11

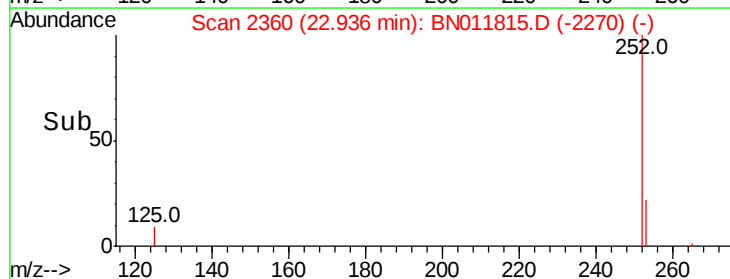
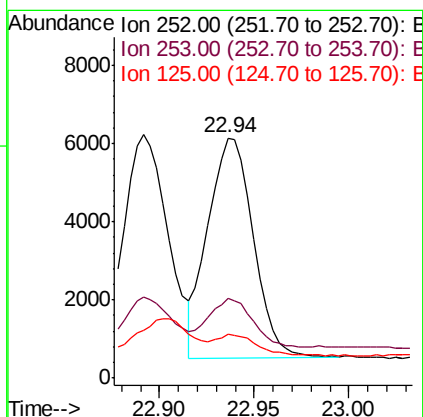
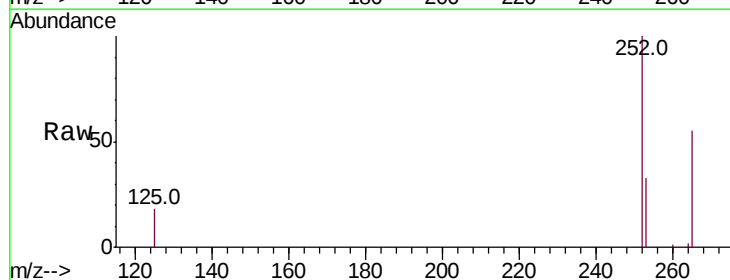
Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910MS

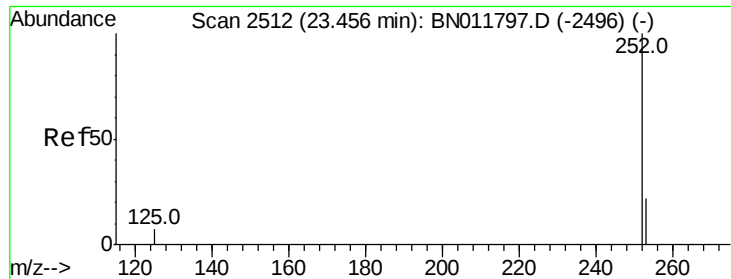
Tot Ion:252 Resp: 9623
Ion Ratio Lower Upper
252 100
253 33.0 19.1 28.7#
125 19.7 6.2 9.2#



#38
Benzo(k)fluoranthene
Concen: 0.144 ng
RT: 22.94 min Scan# 2360
Delta R.T. 0.01 min
Lab File: BN011815.D
Acq: 16 Sep 2020 16:11

Tgt Ion:252 Resp: 9382
Ion Ratio Lower Upper
252 100
253 33.1 19.3 28.9#
125 18.1 6.0 9.0#





#39

Benzo(a)pyrene

Concen: 0.149 ng

RT: 23.47 min Scan# 2516

Delta R.T. 0.01 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS

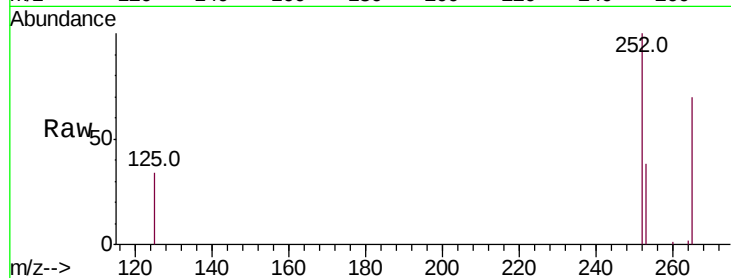
Tot Ion:252 Resp: 8504

Ion Ratio Lower Upper

252 100

253 37.7 19.8 29.6#

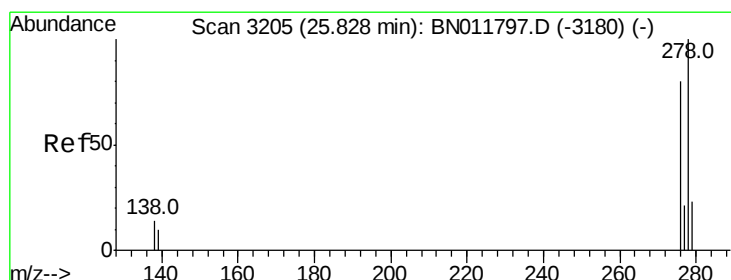
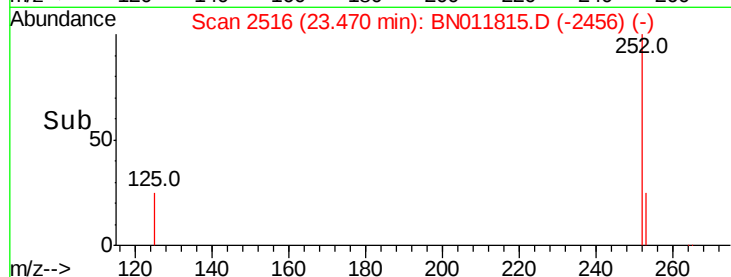
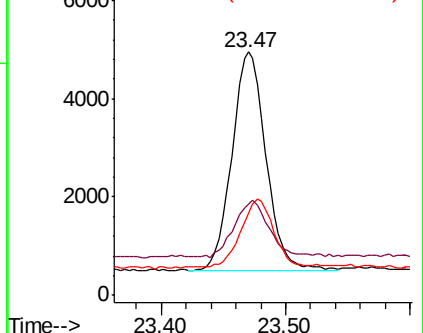
125 33.9 7.3 10.9#



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



#40

Dibenzo(a,h)anthracene

Concen: 0.139 ng

RT: 25.84 min Scan# 3209

Delta R.T. 0.01 min

Lab File: BN011815.D

Acq: 16 Sep 2020 16:11

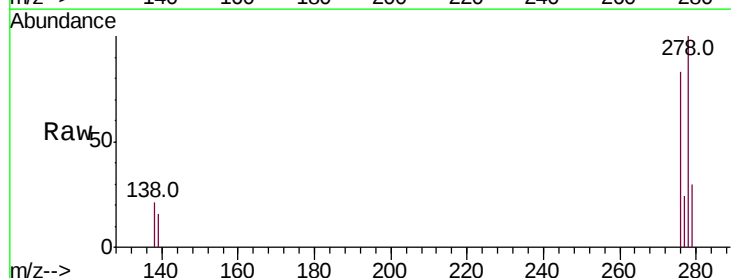
Tgt Ion:278 Resp: 9140

Ion Ratio Lower Upper

278 100

139 16.4 8.6 13.0#

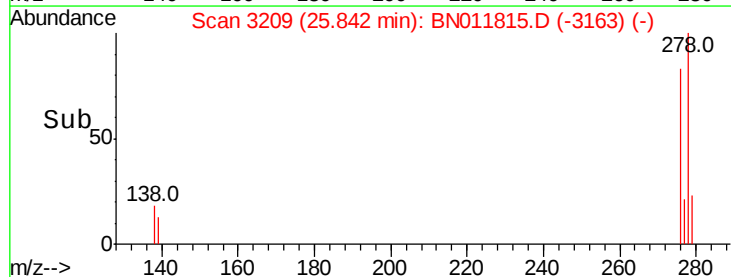
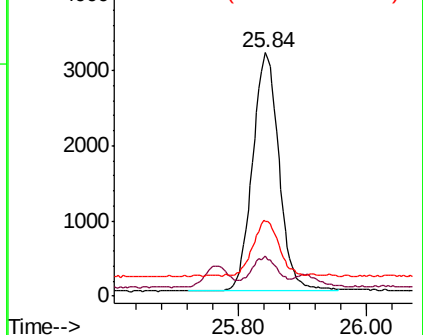
279 30.5 19.8 29.8#

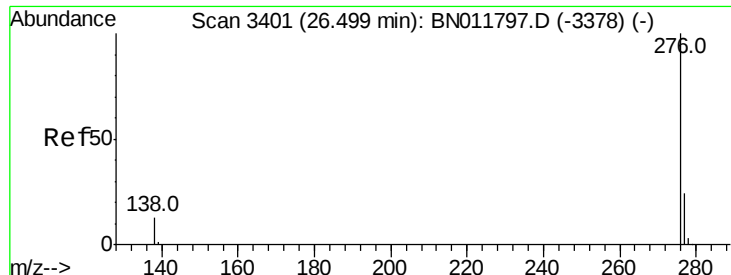


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.141 ng

RT: 26.51 min Scan# 3405

Delta R.T. 0.00 min

Lab File: BN011815.D

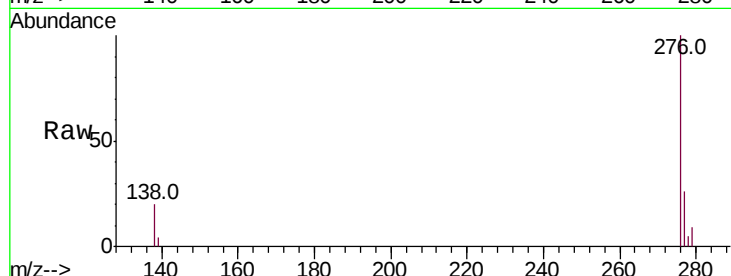
Acq: 16 Sep 2020 16:11

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MS



Tot Ion: 276 Resp: 9260

Ion Ratio Lower Upper

276 100

277 25.9 19.4 29.0

138 20.4 11.3 16.9#

