

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
 Data File : BN010906.D
 Acq On : 16 Jun 2020 14:43
 Operator : CG/JU
 Sample : L3011-10MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20200611MS

Quant Time: Jun 16 15:14:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2415	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8638	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	4755	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	9953	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	9474	0.40	ng	-0.01
34) Perylene-d12	23.27	264	9818	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	915	0.20	ng	0.00
5) Phenol-d6	6.74	99	661	0.12	ng	0.00
8) Nitrobenzene-d5	8.68	82	2752	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	7309	0.55	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	719	0.42	ng	-0.01
15) 2-Fluorobiphenyl	12.79	172	8290	0.44	ng	0.00
25) Fluoranthene-d10	18.95	212	15598	0.57	ng	0.00
29) Terphenyl-d14	19.57	244	11982	0.54	ng	0.00

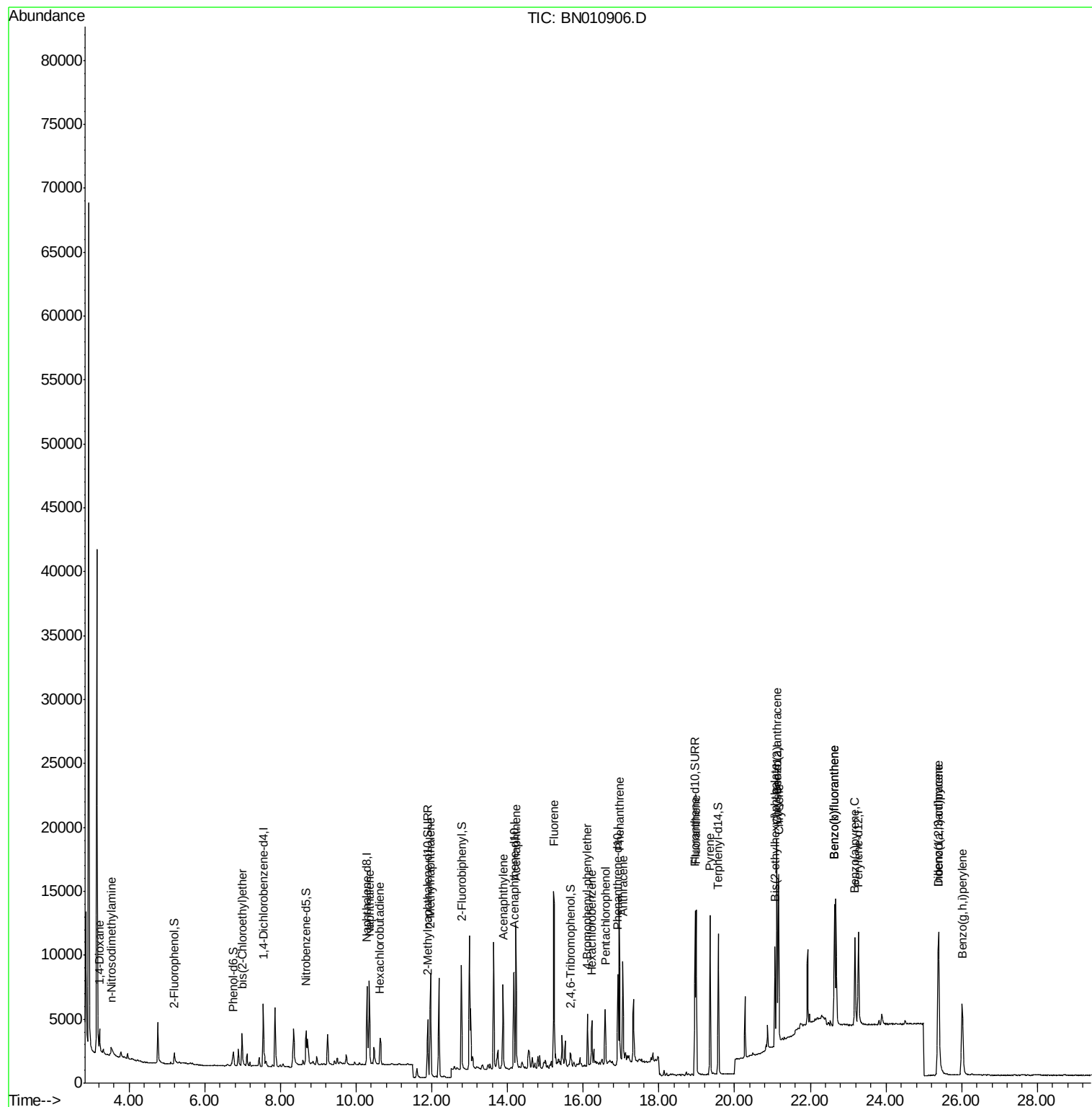
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	1405	0.594	ng	# 91
3) n-Nitrosodimethylamine	3.53	42	777	0.565	ng	# 82
6) bis(2-Chloroethyl)ether	6.99	93	2422	0.452	ng	95
9) Naphthalene	10.34	128	8572	0.395	ng	99
10) Hexachlorobutadiene	10.63	225	1818	0.339	ng	# 98
12) 2-Methylnaphthalene	11.96	142	6208	0.427	ng	98
16) Acenaphthylene	13.88	152	7455	0.383	ng	99
17) Acenaphthene	14.22	154	5141	0.387	ng	99
18) Fluorene	15.22	166	6851	0.400	ng	97
20) 4-Bromophenyl-phenylether	16.11	248	2014	0.337	ng	# 81
21) Hexachlorobenzene	16.23	284	2249	0.360	ng	98
22) Pentachlorophenol	16.58	266	2591	1.237	ng	96
23) Phenanthrene	16.95	178	13286	0.489	ng	99
24) Anthracene	17.05	178	8687	0.383	ng	99
26) Fluoranthene	18.98	202	12136	0.393	ng	# 98
28) Pyrene	19.35	202	12303	0.393	ng	99
30) Benzo(a)anthracene	21.11	228	11252	0.404	ng	99
31) Chrysene	21.16	228	12072	0.372	ng	97
32) Bis(2-ethylhexyl)phthalate	21.07	149	5867	0.632	ng	96
33) Indeno(1,2,3-cd)pyrene	25.38	276	13922	0.384	ng	# 95
35) Benzo(b)fluoranthene	22.64	252	11678	0.350	ng	# 98
36) Benzo(k)fluoranthene	22.64	252	11678	0.328	ng	98
37) Benzo(a)pyrene	23.18	252	10559	0.369	ng	96
38) Dibenzo(a,h)anthracene	25.39	278	11538	0.353	ng	98
39) Benzo(g,h,i)perylene	26.01	276	12292	0.360	ng	97

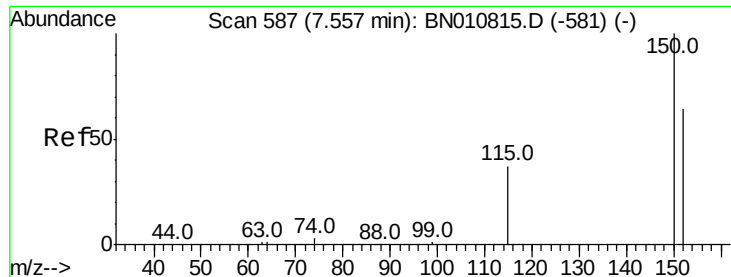
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

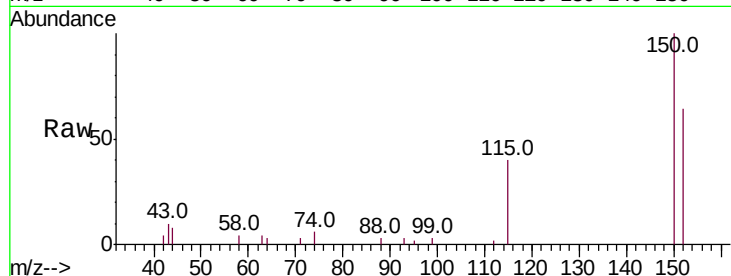
Tot Ion:152 Resp: 2415

Ion Ratio Lower Upper

152 100

150 155.3 123.8 185.6

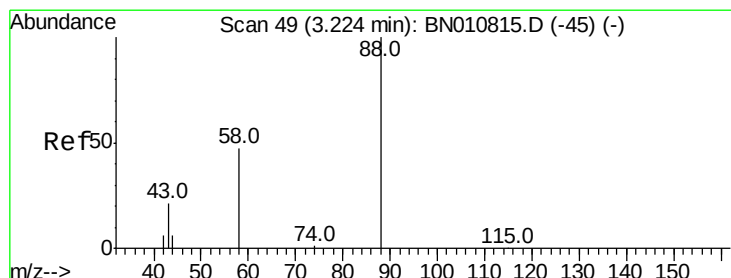
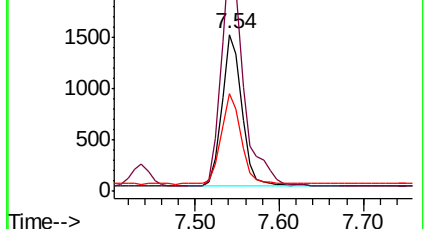
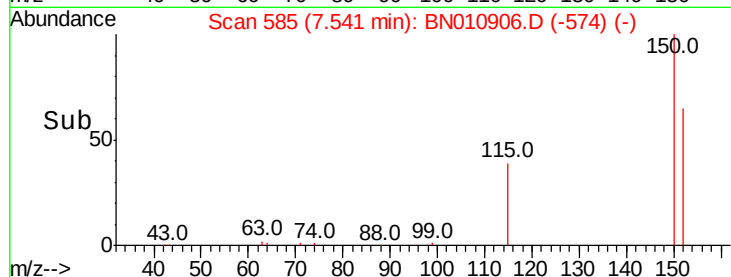
115 62.3 49.2 73.8



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: 0.594 ng

RT: 3.22 min Scan# 48

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

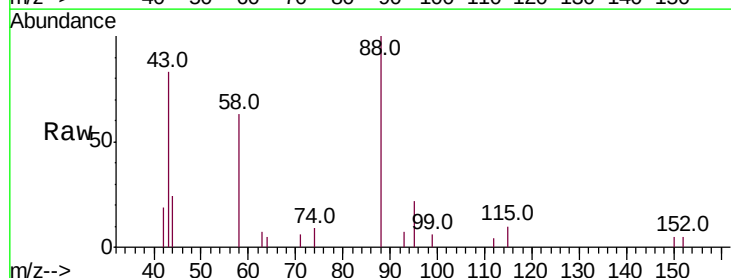
Tgt Ion: 88 Resp: 1405

Ion Ratio Lower Upper

88 100

58 46.2 38.2 57.4

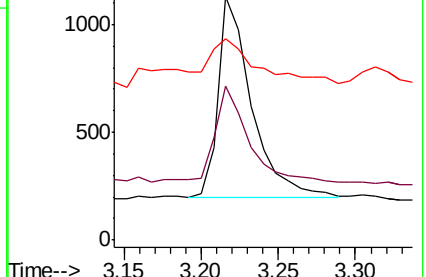
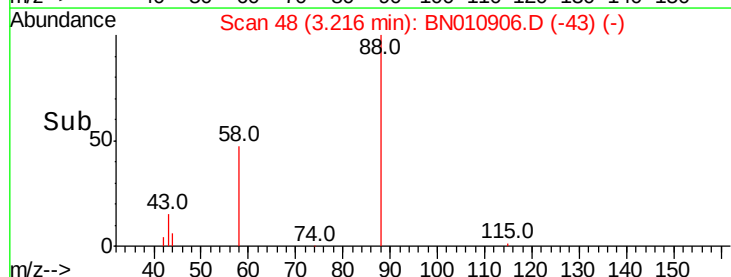
43 30.7 15.1 22.7#

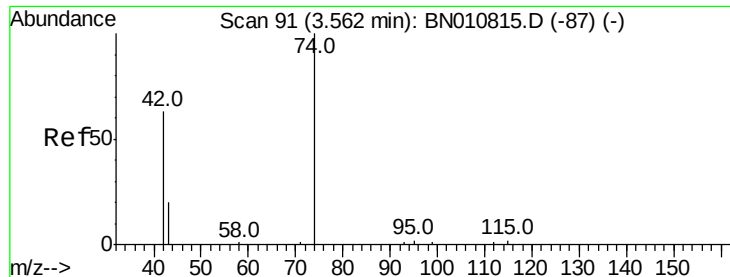


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.565 ng

RT: 3.53 min Scan# 87

Delta R.T. -0.02 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

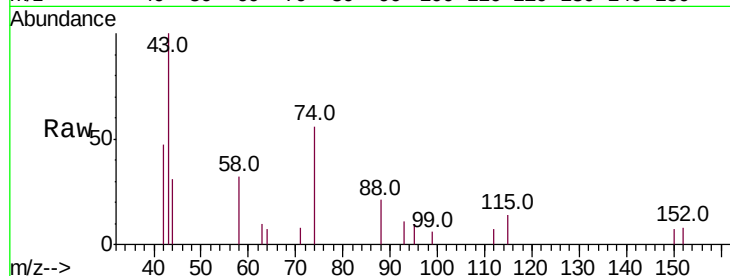
Tot Ion: 42 Resp: 777

Ion Ratio Lower Upper

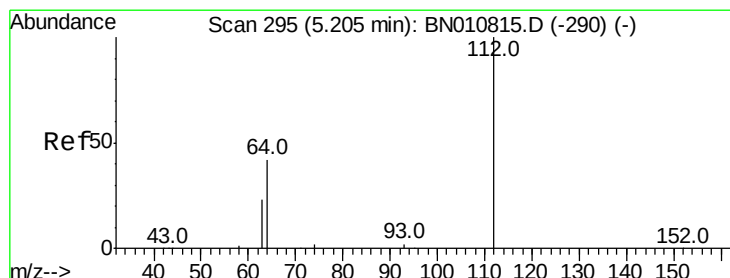
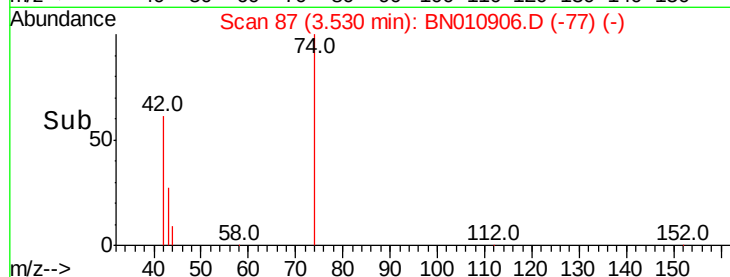
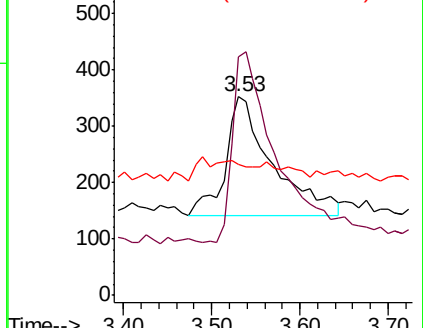
42 100

74 150.5 140.7 211.1

44 0.0 1.4 2.2#



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: 0.196 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

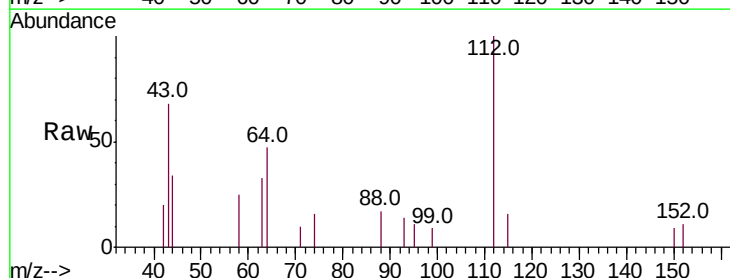
Tgt Ion: 112 Resp: 915

Ion Ratio Lower Upper

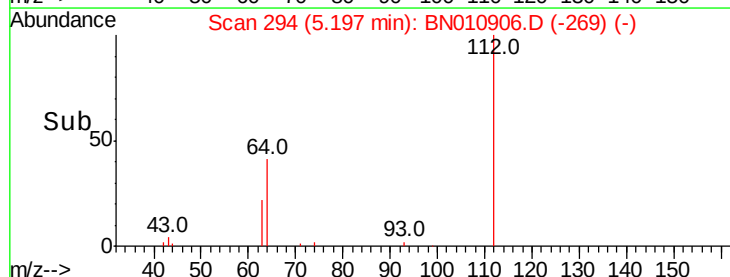
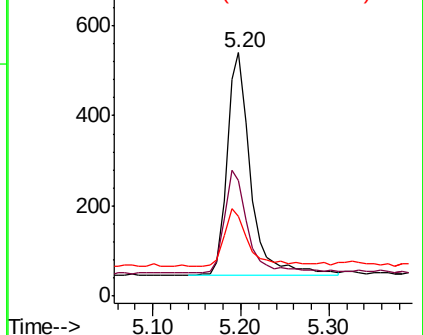
112 100

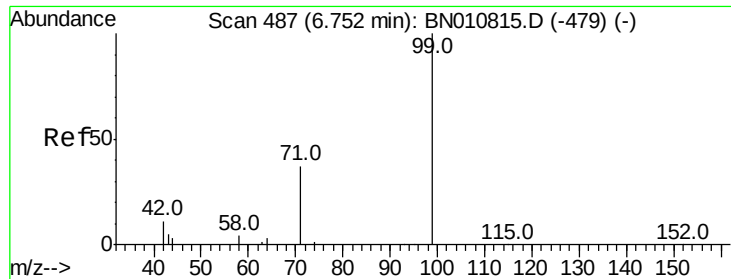
64 47.3 37.4 56.0

63 27.3 22.2 33.4



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: 0.120 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

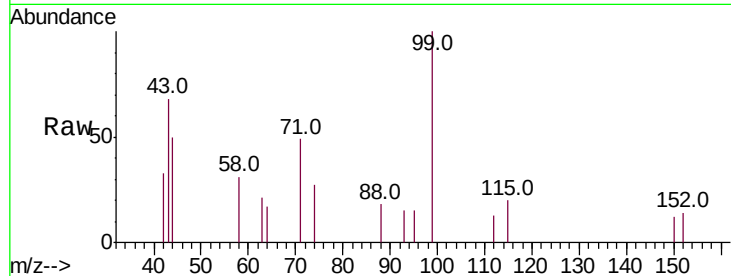
Tot Ion: 99 Resp: 661

Ion Ratio Lower Upper

99 100

42 20.7 11.1 16.7#

71 41.8 31.4 47.2

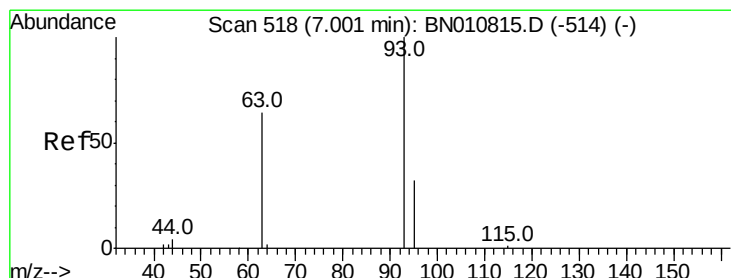
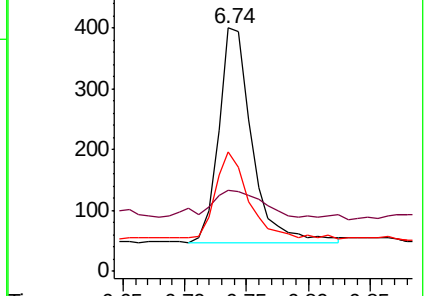
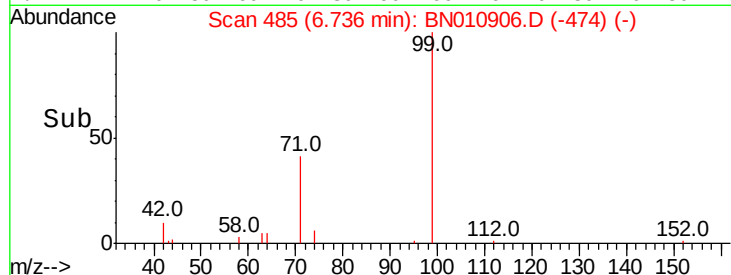


Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

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

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

Time--> 6.65 6.70 6.75 6.80 6.85



#6

bis(2-Chloroethyl)ether

Concen: 0.452 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

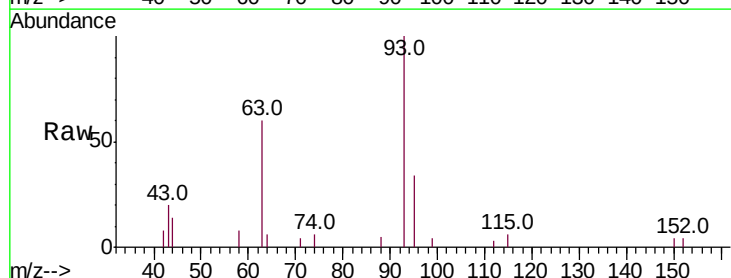
Tgt Ion: 93 Resp: 2422

Ion Ratio Lower Upper

93 100

63 56.5 49.4 74.2

95 32.2 26.7 40.1

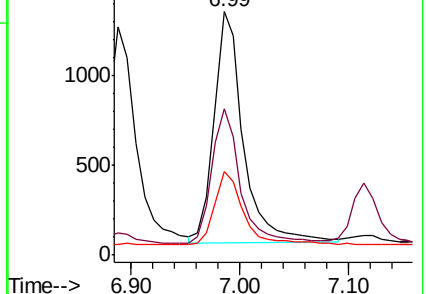
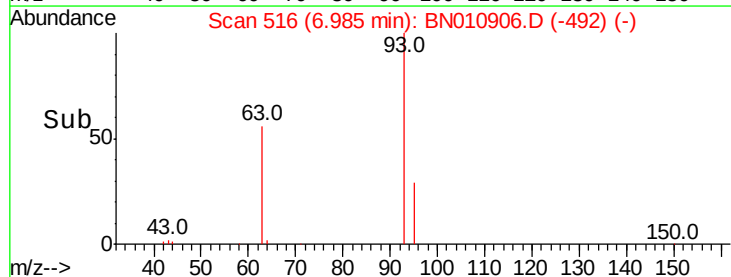


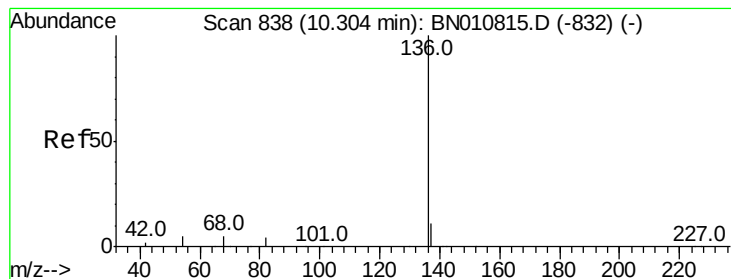
Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

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

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

Time--> 6.90 7.00 7.10





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion:136 Resp: 8638

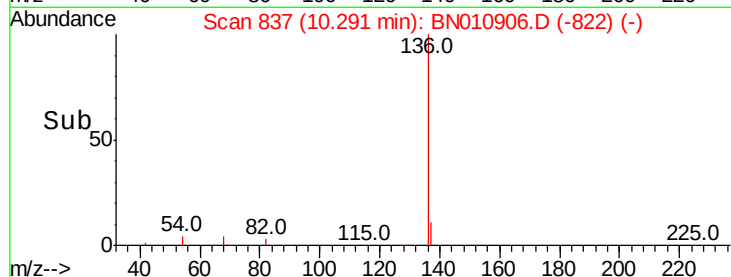
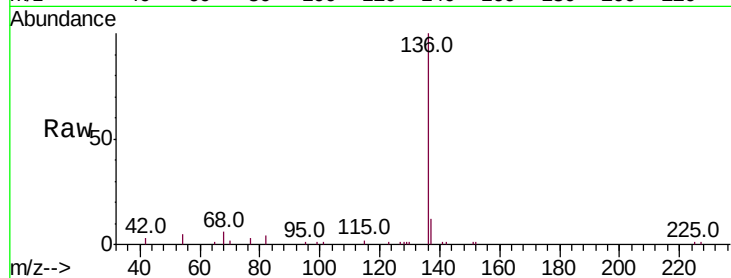
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 4.8 4.9 7.3#

68 5.6 4.7 7.1

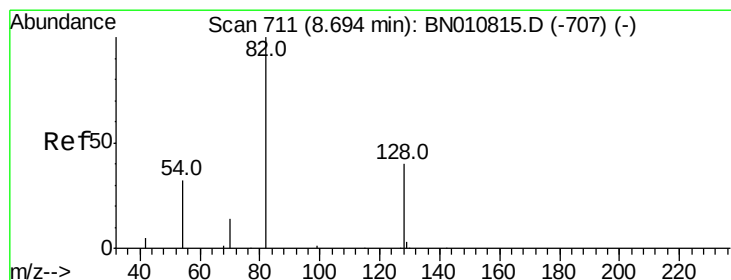
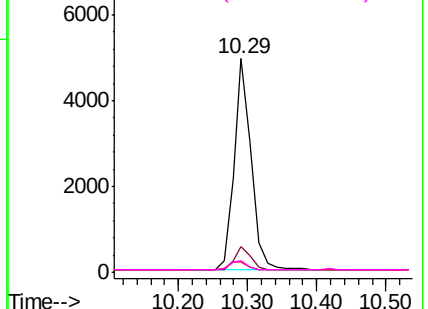


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.431 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

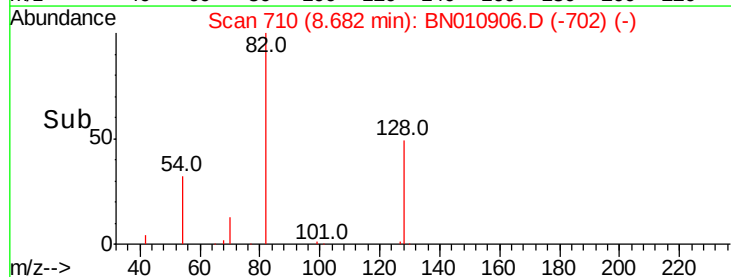
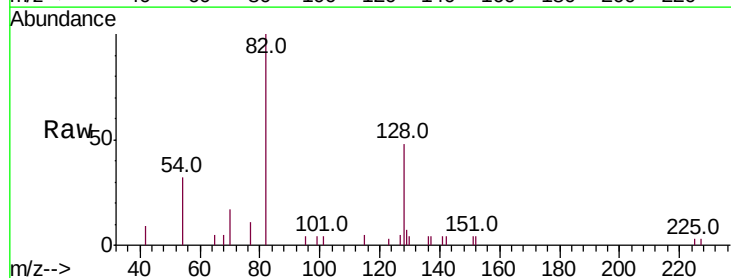
Tgt Ion: 82 Resp: 2752

Ion Ratio Lower Upper

82 100

128 48.3 35.4 53.0

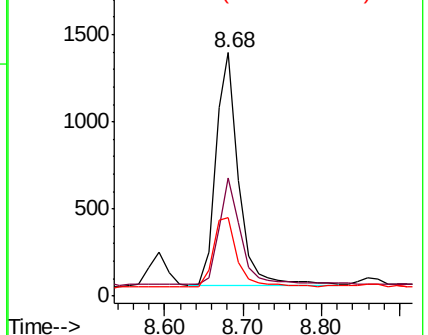
54 32.1 28.2 42.4

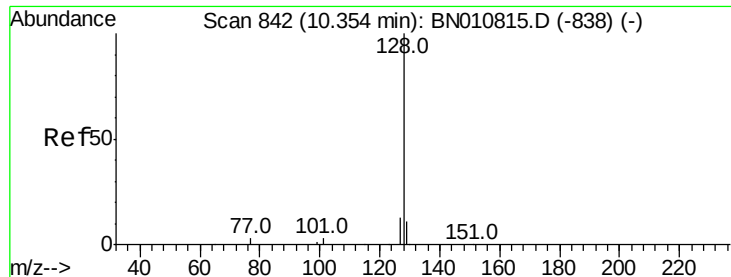


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.395 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

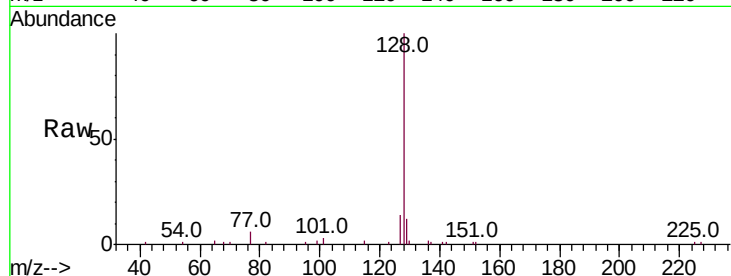
Tot Ion:128 Resp: 8572

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

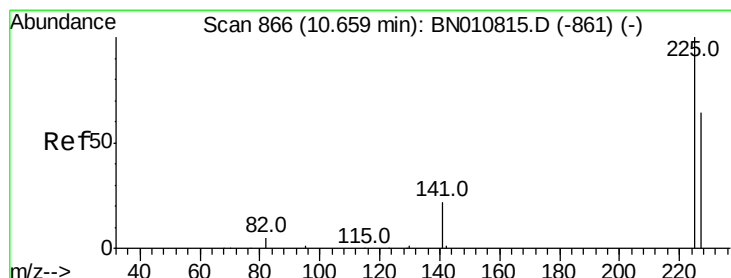
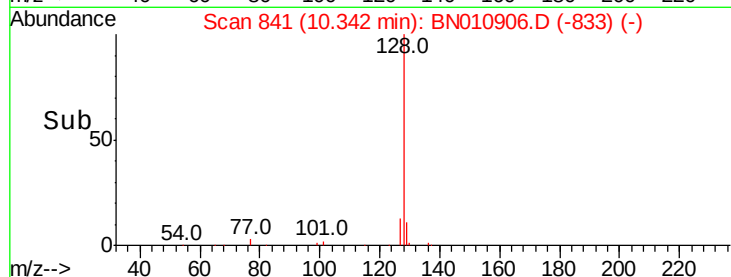
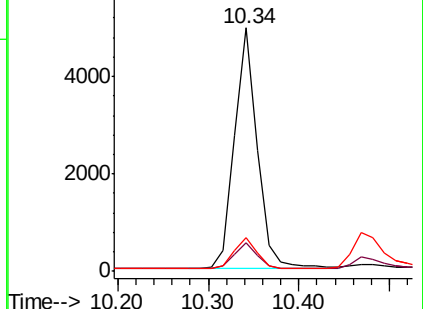
127 13.9 11.4 17.2



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: 0.339 ng

RT: 10.63 min Scan# 864

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

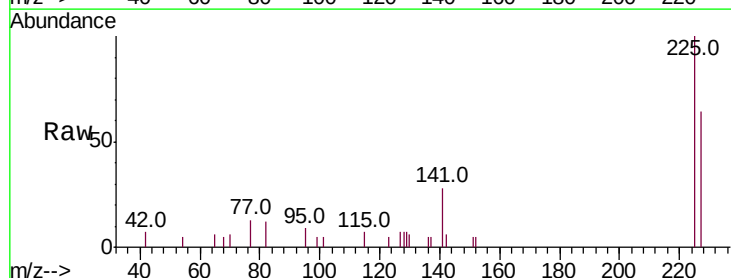
Tgt Ion:225 Resp: 1818

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

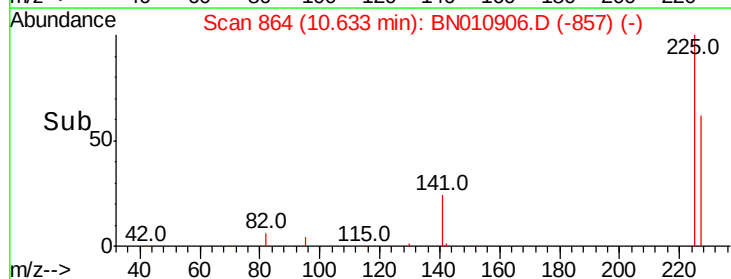
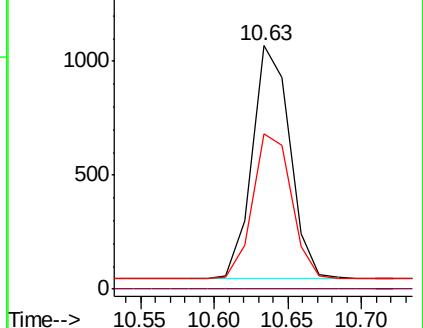
227 64.5 50.5 75.7

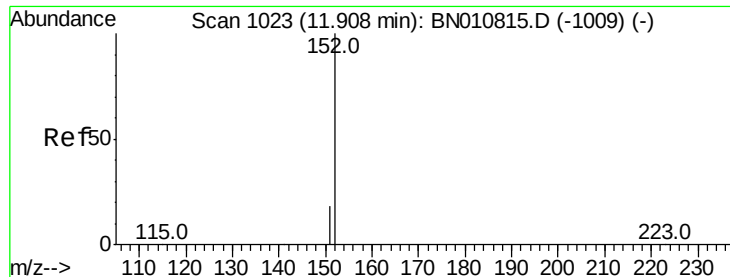


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

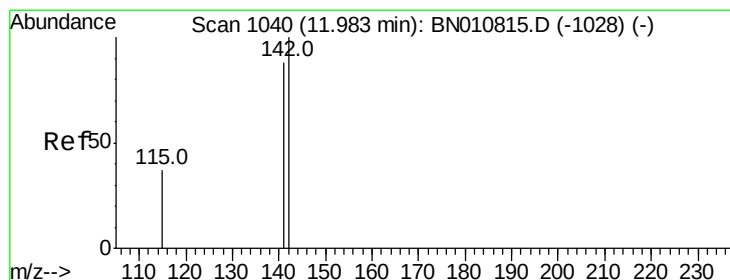
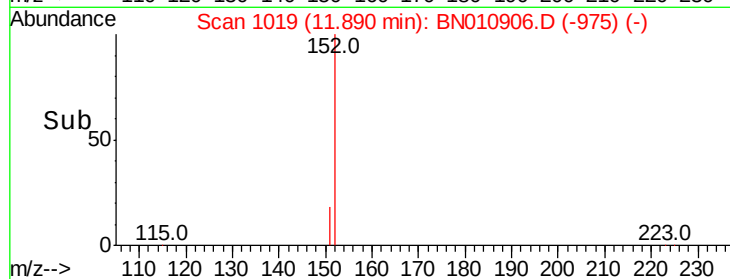
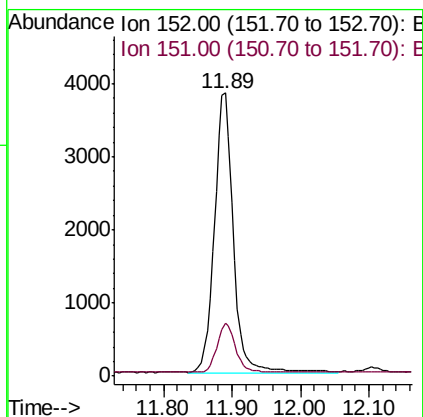
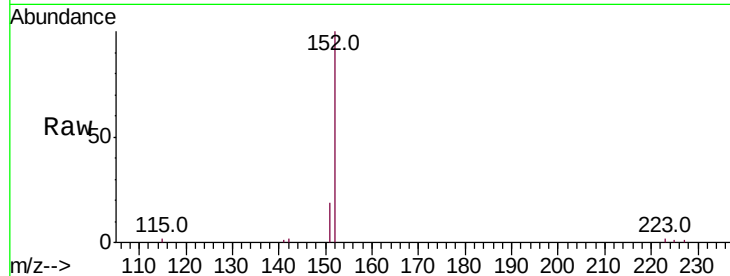




#11
 2-Methylnaphthalene-d10
 Concen: 0.545 ng
 RT: 11.89 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BN010906.D
 Acq: 16 Jun 2020 14:43

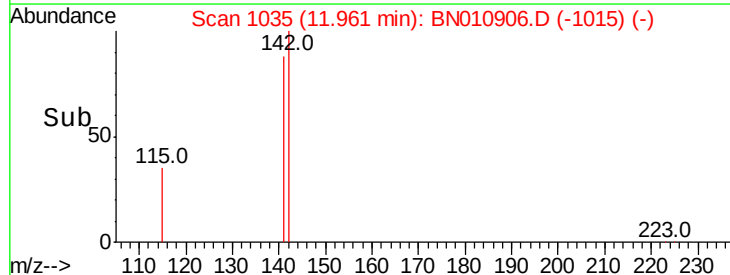
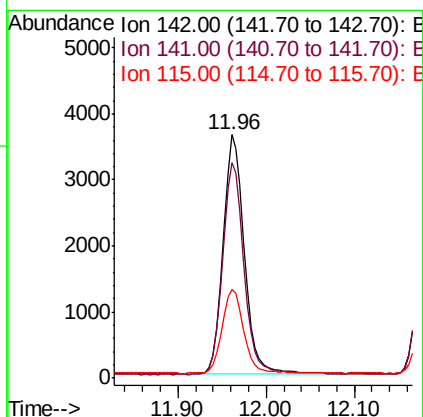
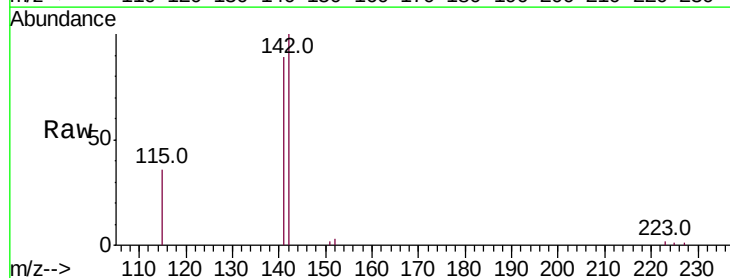
Instrument :
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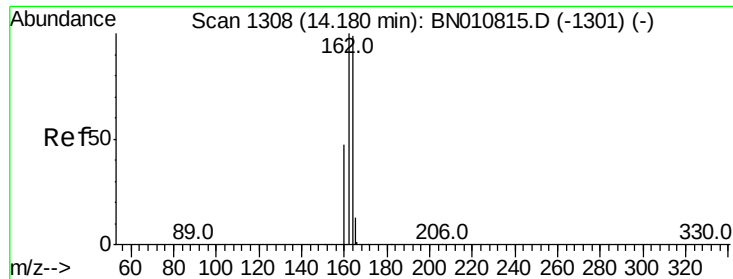
Tot Ion:152 Resp: 7309
 Ion Ratio Lower Upper
 152 100
 151 17.2 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.427 ng
 RT: 11.96 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BN010906.D
 Acq: 16 Jun 2020 14:43

Tgt Ion:142 Resp: 6208
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.8 106.2
 115 36.5 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

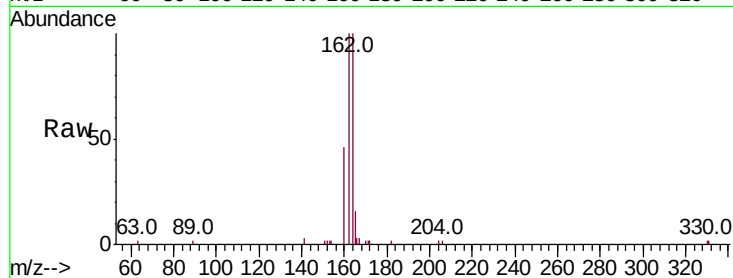
BNA_N

ClientSampleId :

RE117D1-20200611MS

Tot Ion:164 Resp: 4755

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.0	121.6
160	46.1	38.9	58.3

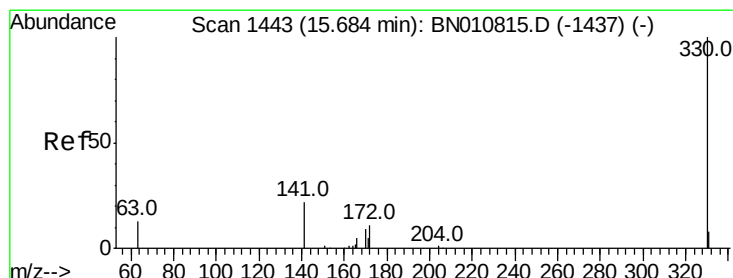
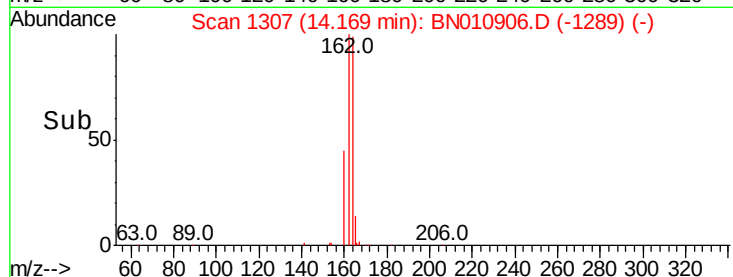
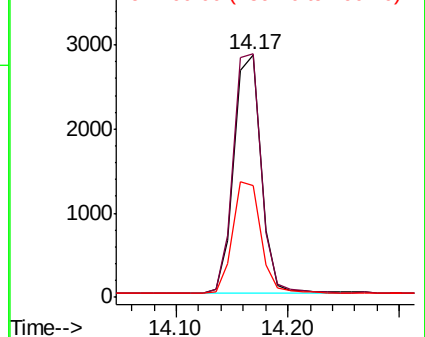


Abundance

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: 0.423 ng

RT: 15.66 min Scan# 1441

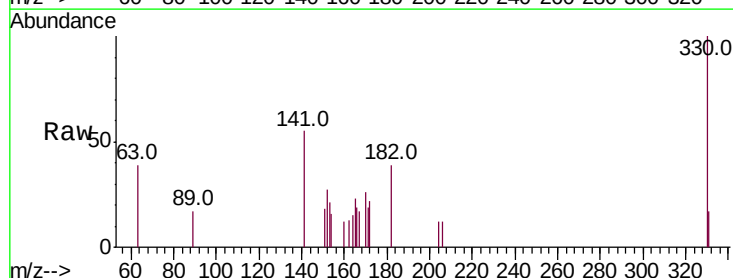
Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Tgt Ion:330 Resp: 719

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.0	33.2	49.8

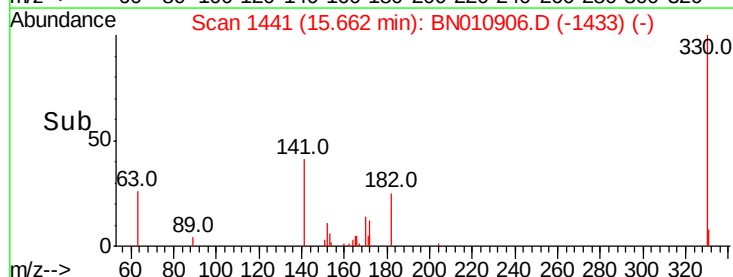
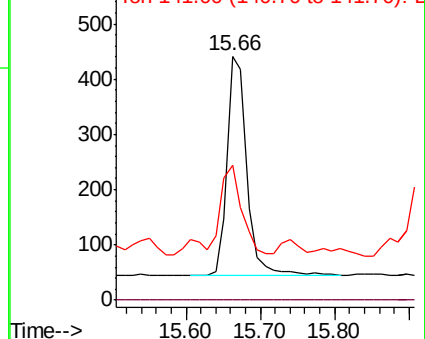


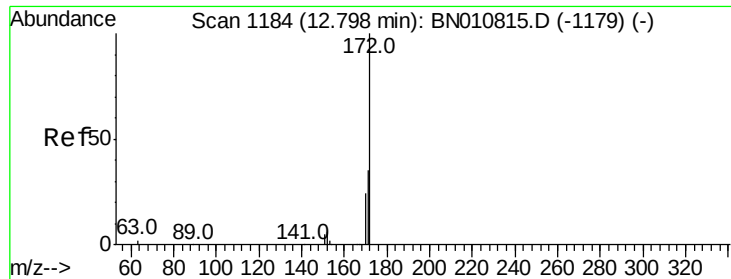
Abundance

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

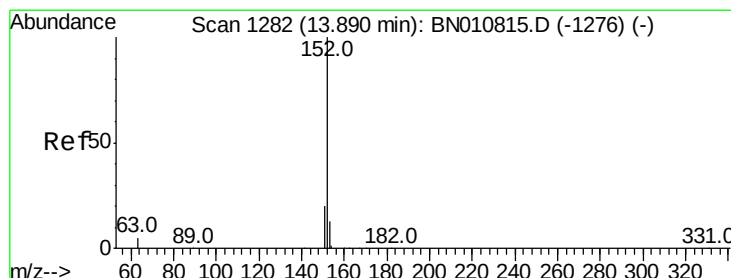
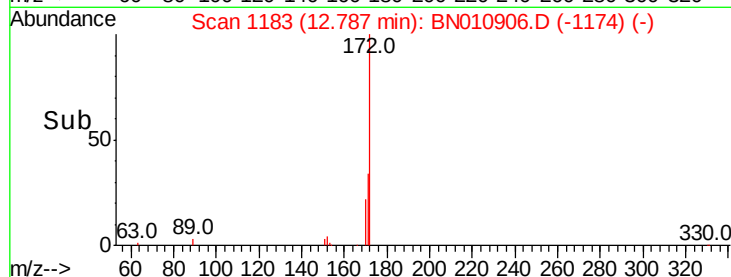
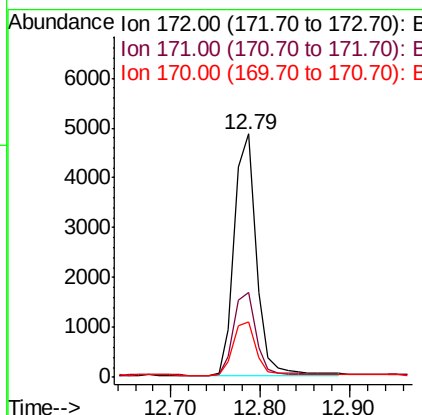
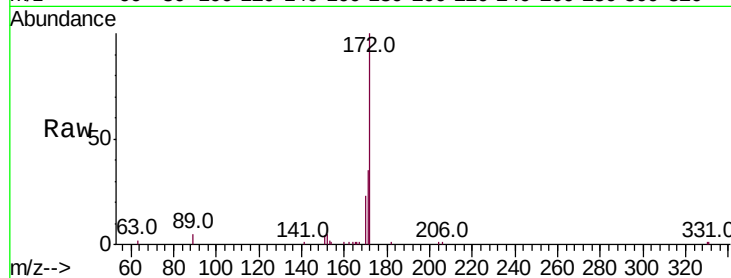




#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

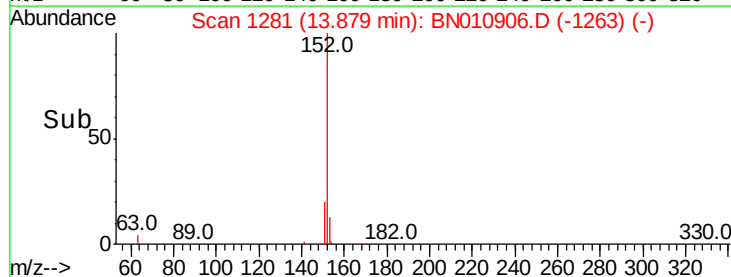
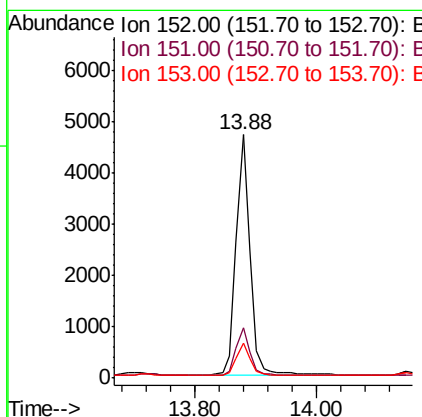
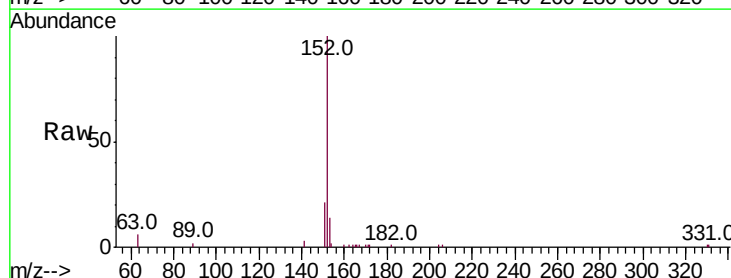
Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

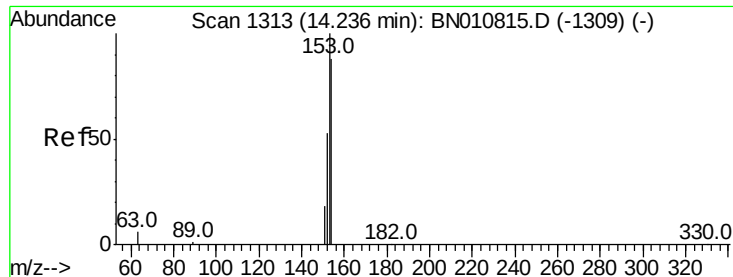
Tot Ion:172 Resp: 8290
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.5 19.7 29.5



#16
Acenaphthylene
Concen: 0.383 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:152 Resp: 7455
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 13.5 10.6 16.0





#17

Acenaphthene

Concen: 0.387 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

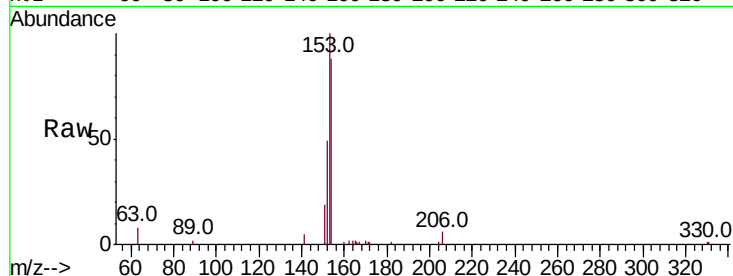
Tot Ion:154 Resp: 5141

Ion Ratio Lower Upper

154 100

153 114.4 91.8 137.6

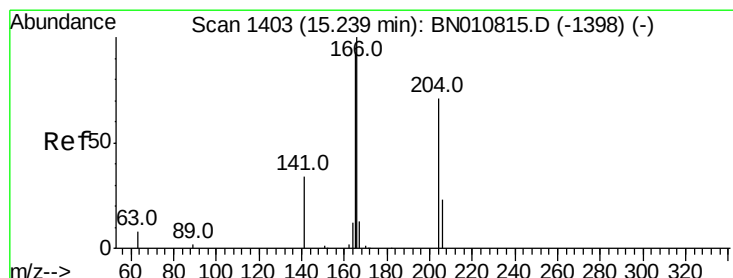
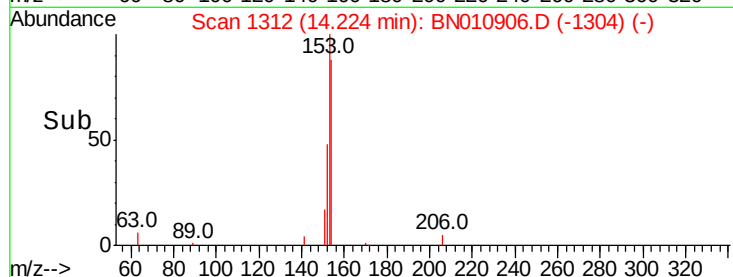
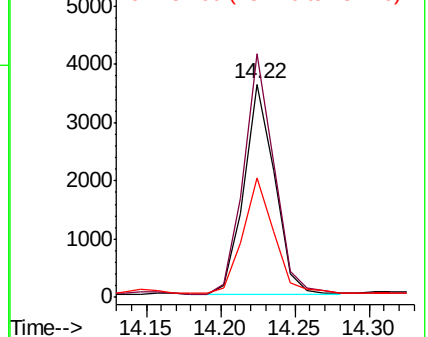
152 56.6 47.6 71.4



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: 0.400 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

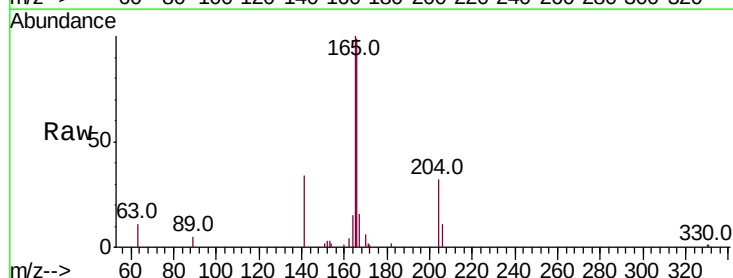
Tgt Ion:166 Resp: 6851

Ion Ratio Lower Upper

166 100

165 99.9 77.2 115.8

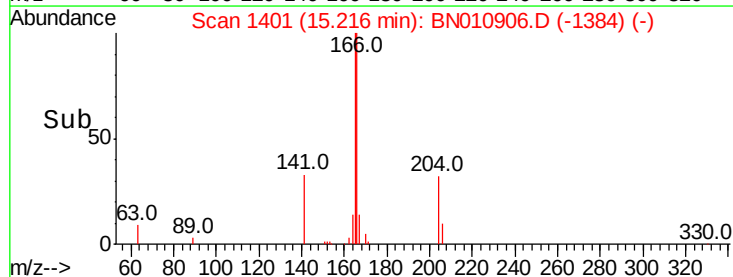
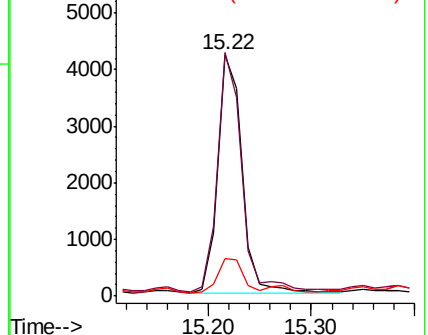
167 14.7 10.7 16.1

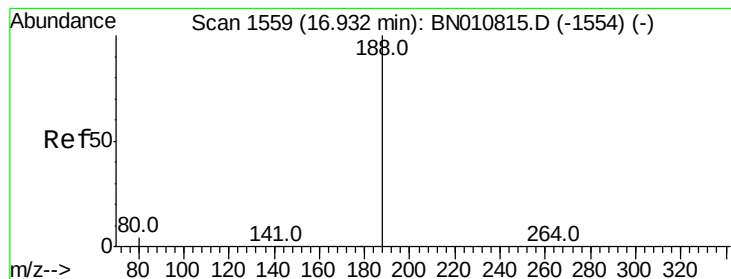


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

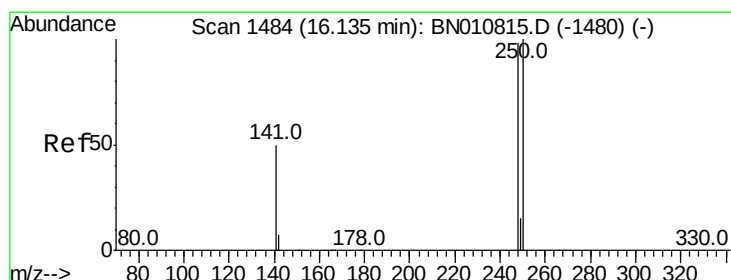
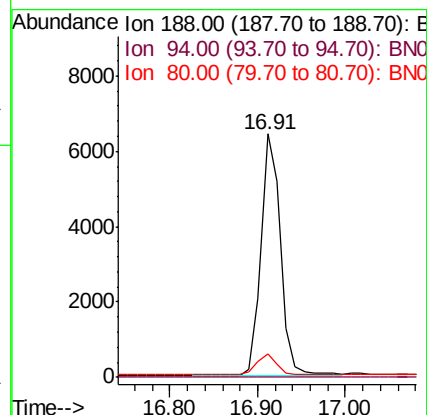
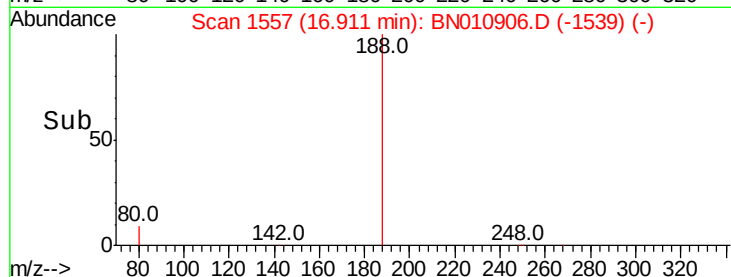
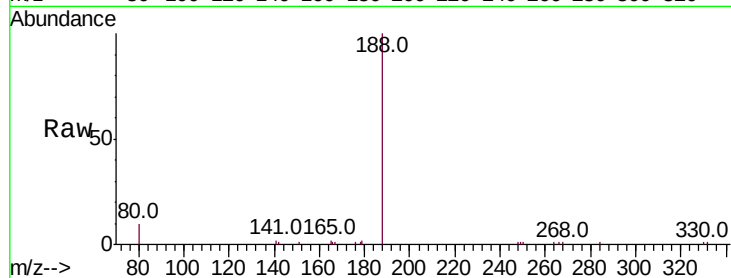
Tot Ion:188 Resp: 9953

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 4.5 6.7#



#20

4-Bromophenyl-phenylether

Concen: 0.337 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

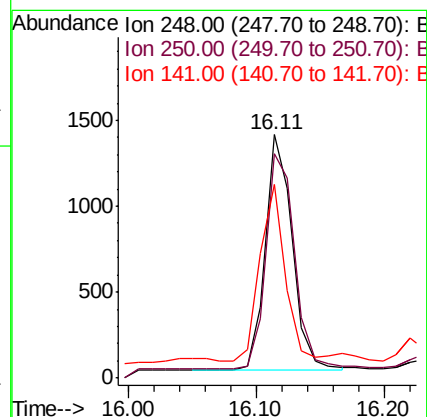
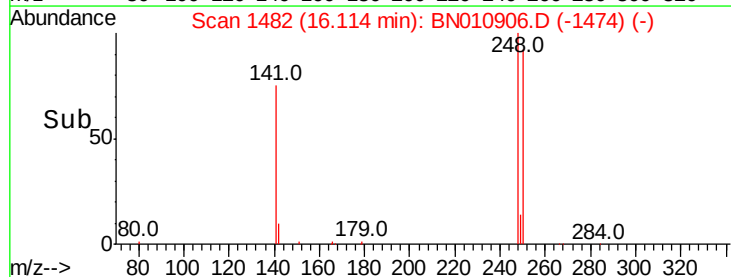
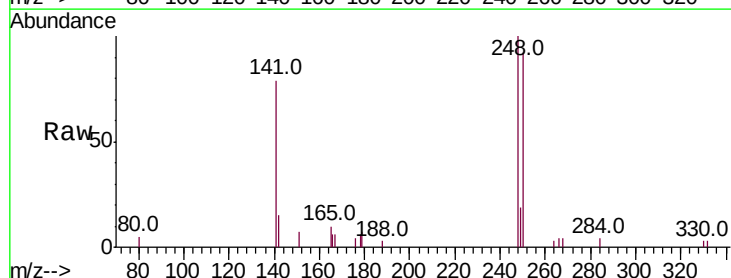
Tgt Ion:248 Resp: 2014

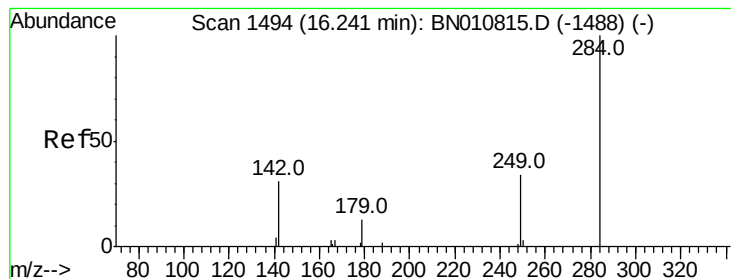
Ion Ratio Lower Upper

248 100

250 92.3 81.8 122.8

141 79.5 42.6 64.0#





#21

Hexachlorobenzene

Concen: 0.360 ng

RT: 16.23 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

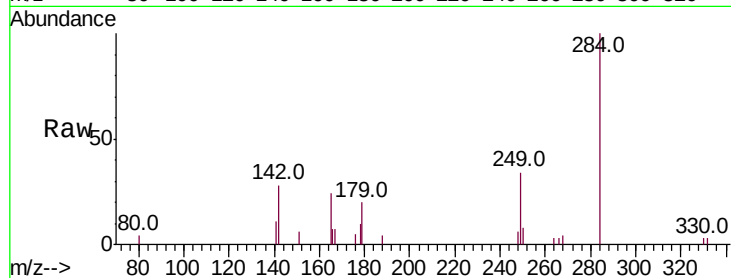
Tot Ion:284 Resp: 2249

Ion Ratio Lower Upper

284 100

142 37.3 31.0 46.4

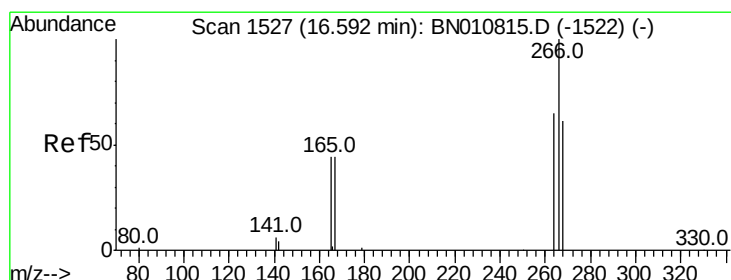
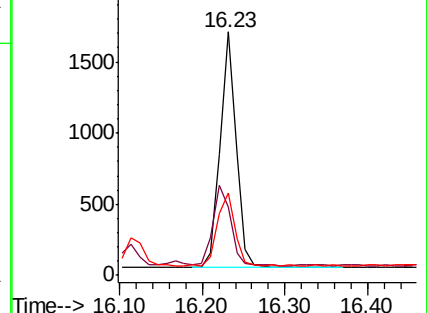
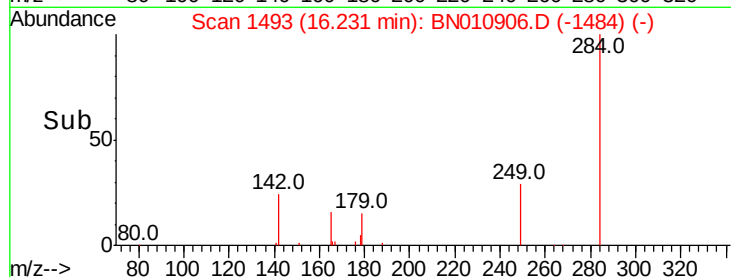
249 33.2 27.1 40.7



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: 1.237 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

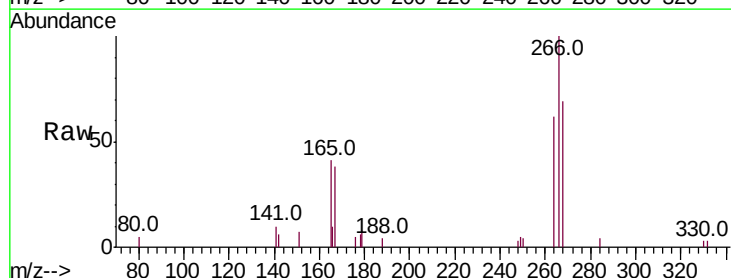
Tgt Ion:266 Resp: 2591

Ion Ratio Lower Upper

266 100

264 62.4 54.8 82.2

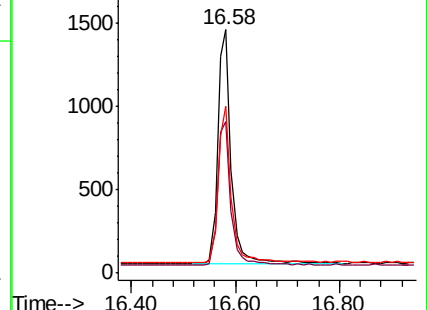
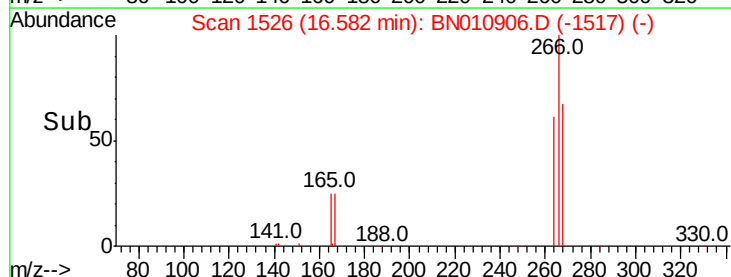
268 68.7 55.9 83.9

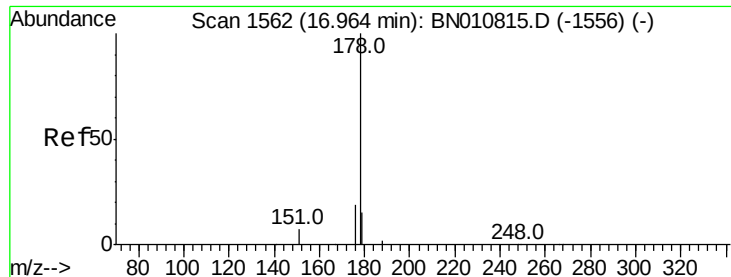


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.489 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

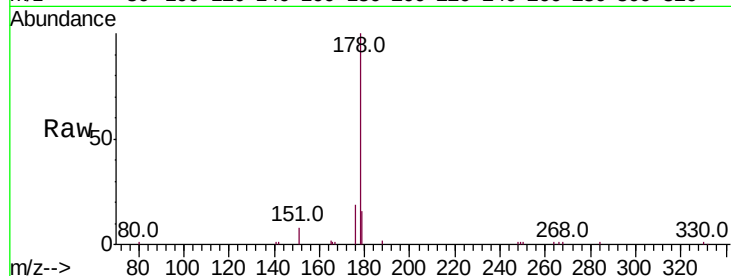
Tot Ion:178 Resp: 13286

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

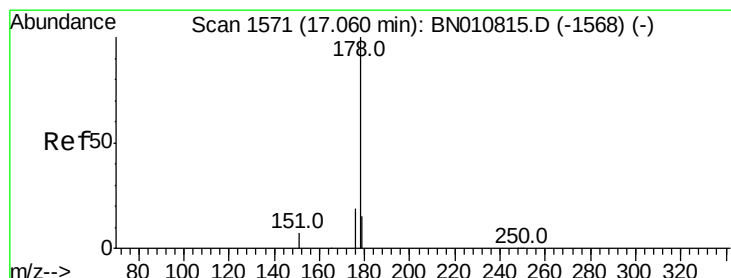
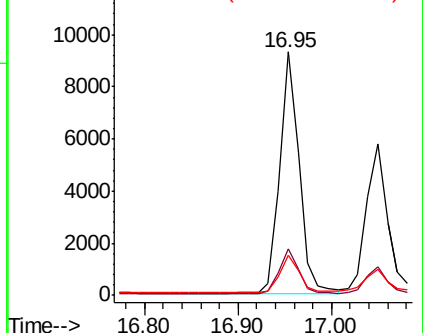
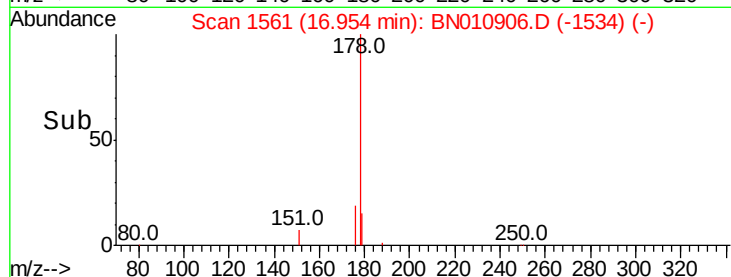
179 16.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.383 ng

RT: 17.05 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

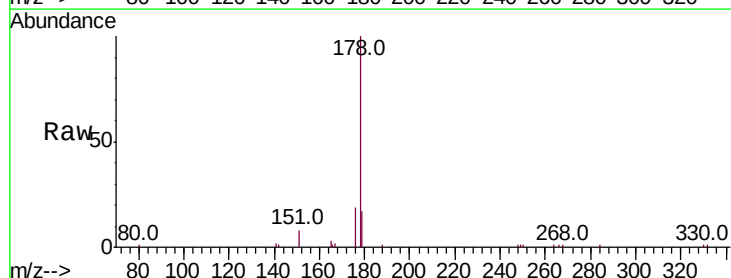
Tgt Ion:178 Resp: 8687

Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

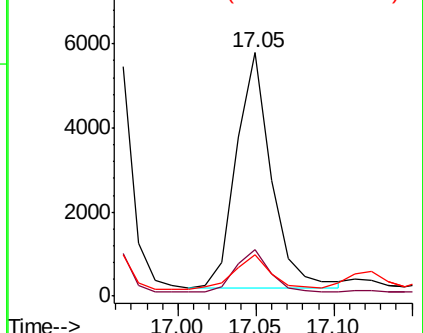
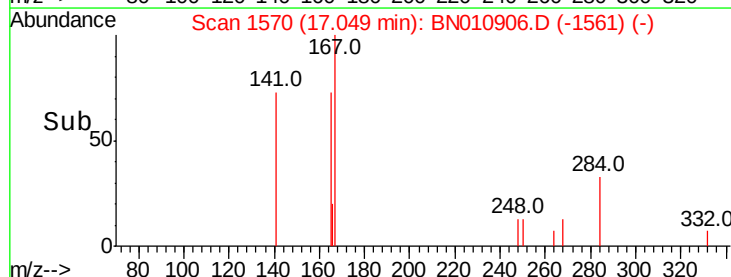
179 15.5 12.3 18.5

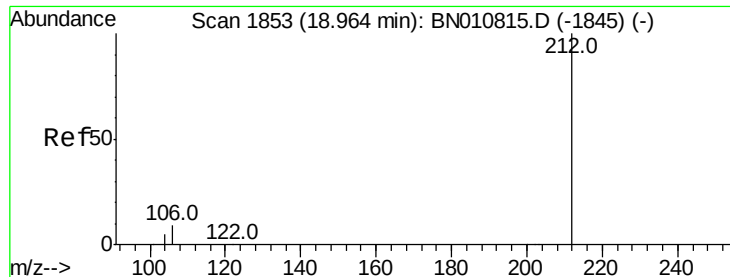


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.568 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

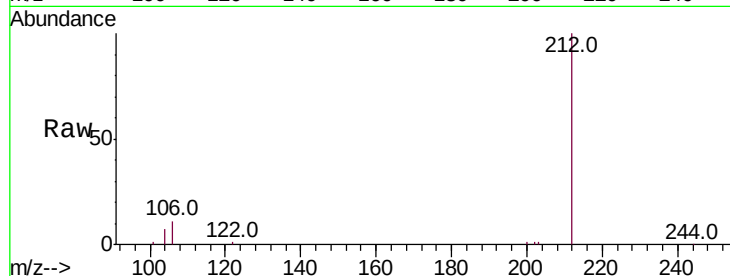
Tot Ion:212 Resp: 15598

Ion Ratio Lower Upper

212 100

106 10.1 6.6 10.0#

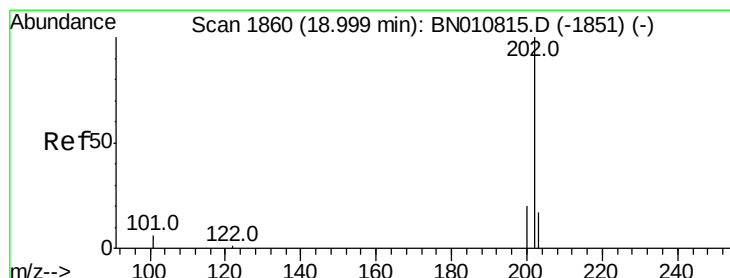
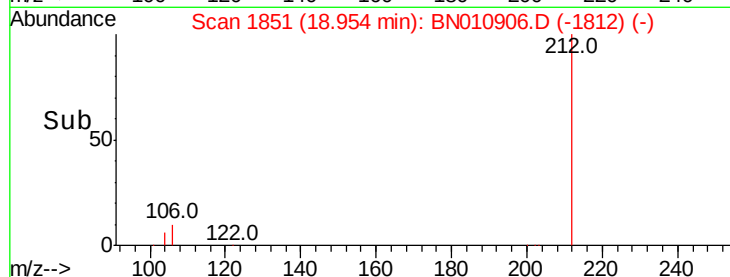
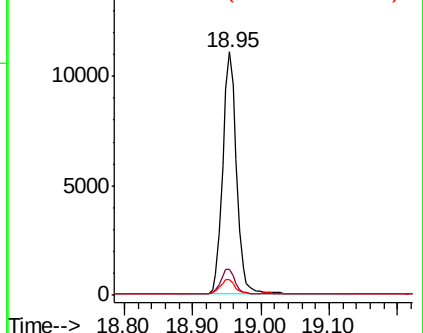
104 6.0 4.0 6.0



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: 0.393 ng

RT: 18.98 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

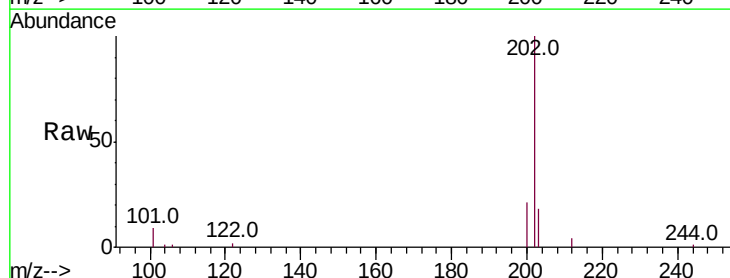
Tgt Ion:202 Resp: 12136

Ion Ratio Lower Upper

202 100

101 8.9 5.8 8.6#

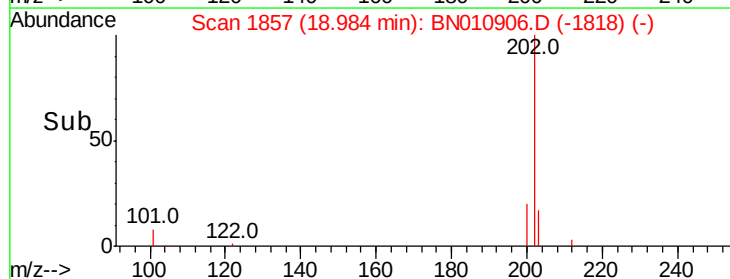
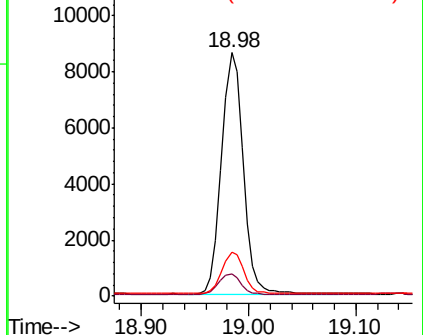
203 16.9 13.7 20.5

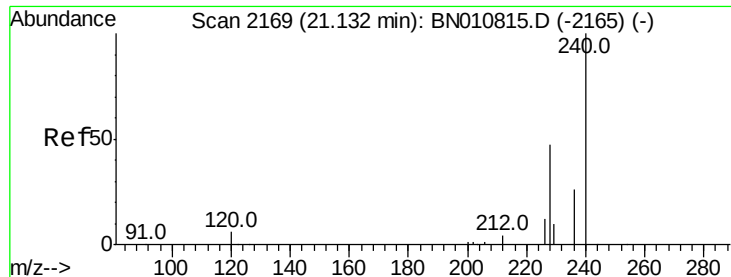


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

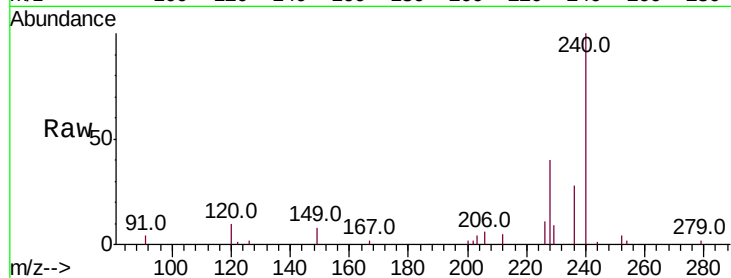
Tot Ion:240 Resp: 9474

Ion Ratio Lower Upper

240 100

120 10.4 7.5 11.3

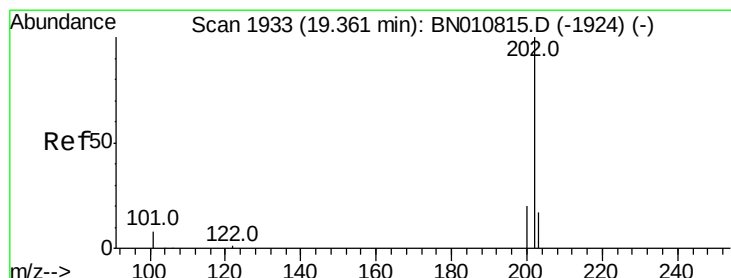
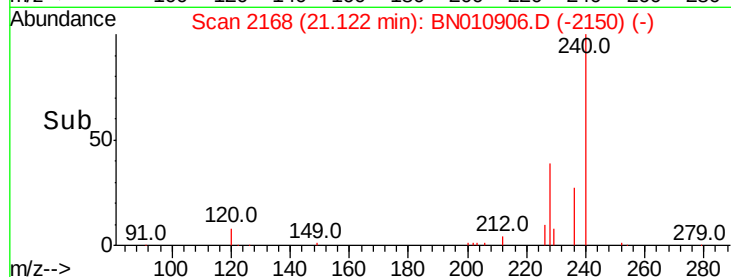
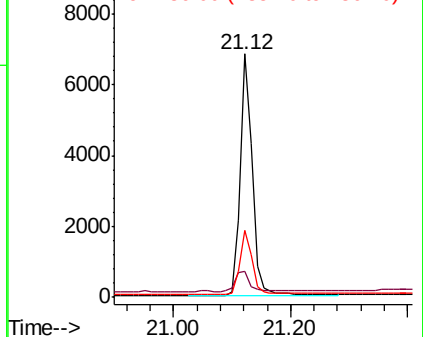
236 27.7 22.3 33.5



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: 0.393 ng

RT: 19.35 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

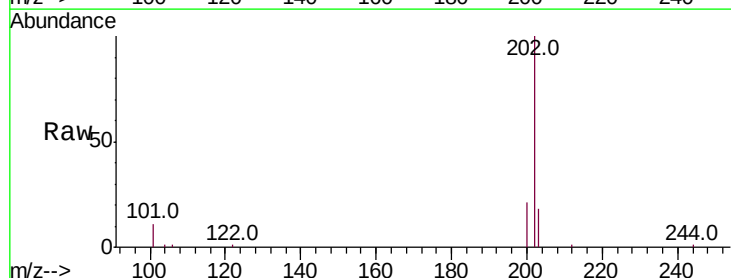
Tgt Ion:202 Resp: 12303

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

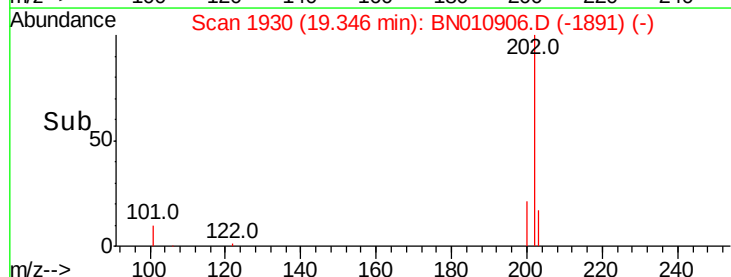
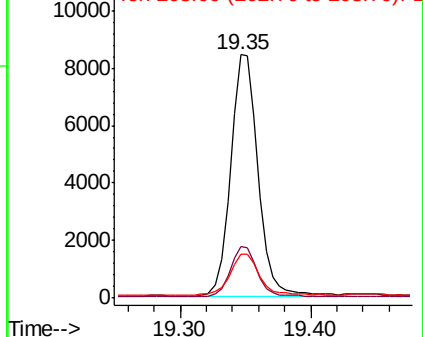
203 18.5 14.2 21.4

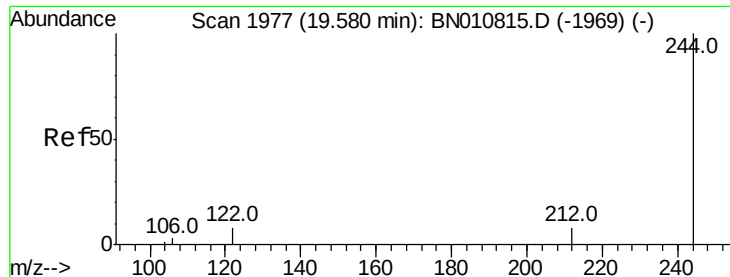


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.540 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

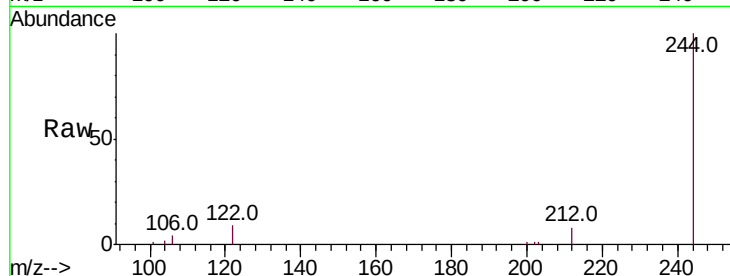
Tot Ion:244 Resp: 11982

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.2

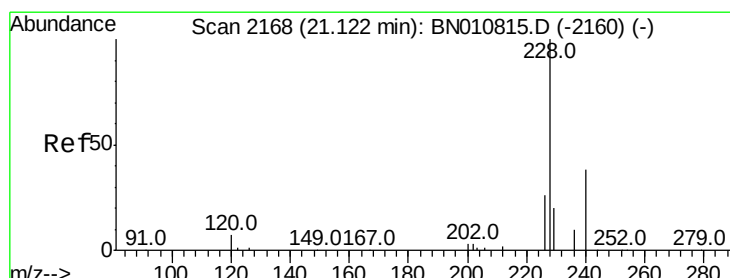
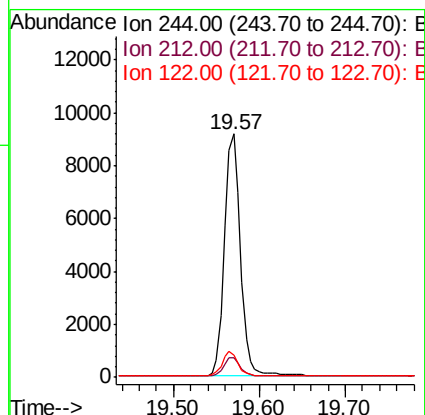
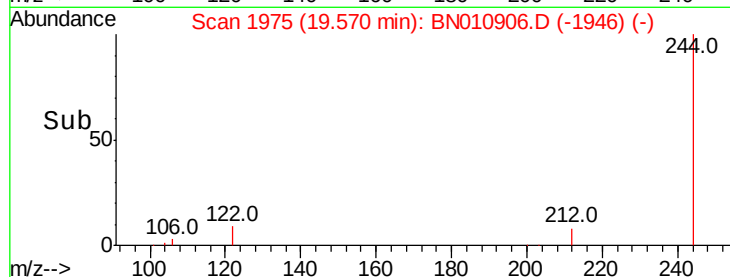
122 9.3 7.5 11.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.404 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

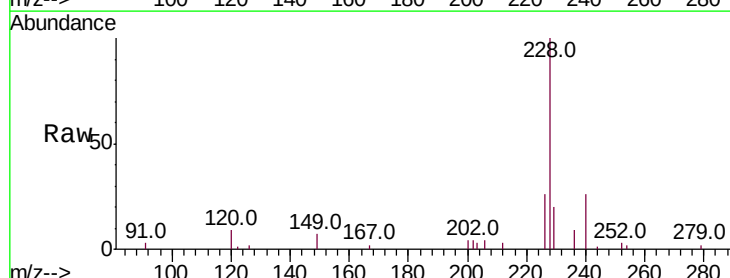
Tgt Ion:228 Resp: 11252

Ion Ratio Lower Upper

228 100

226 26.0 21.3 31.9

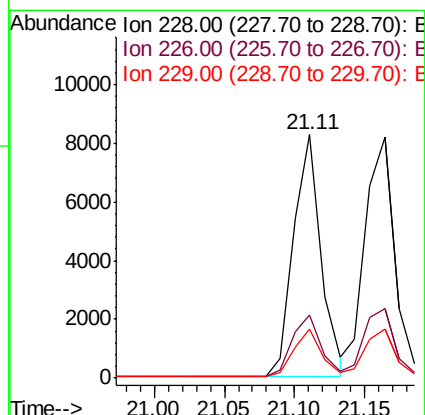
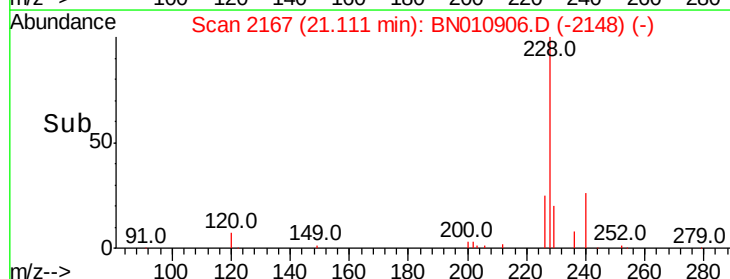
229 20.3 16.6 24.8

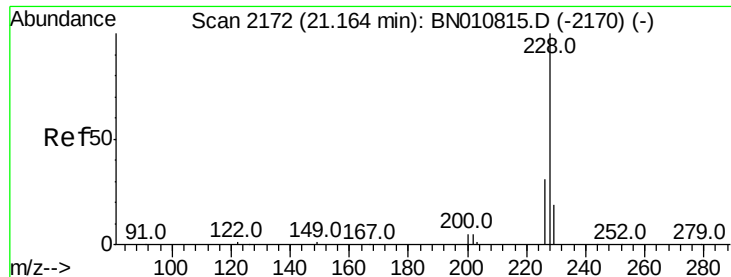


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.372 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

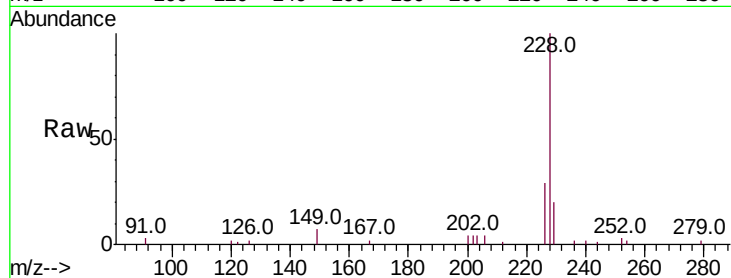
Tot Ion:228 Resp: 12072

Ion Ratio Lower Upper

228 100

226 28.8 25.0 37.6

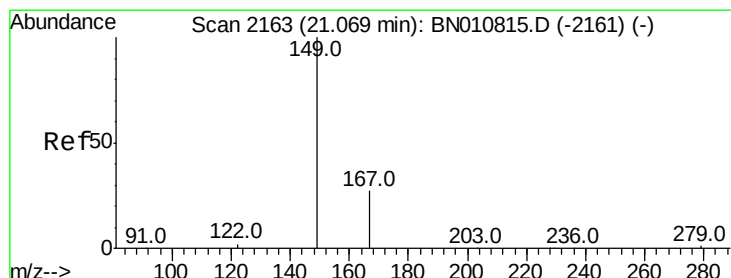
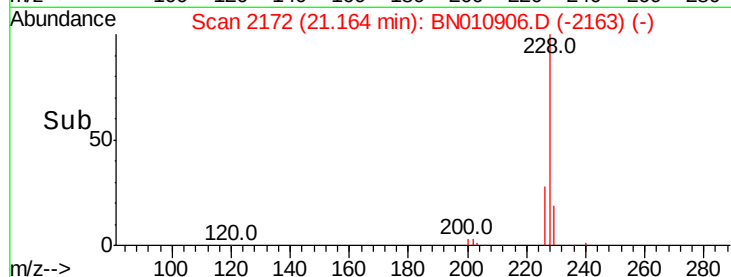
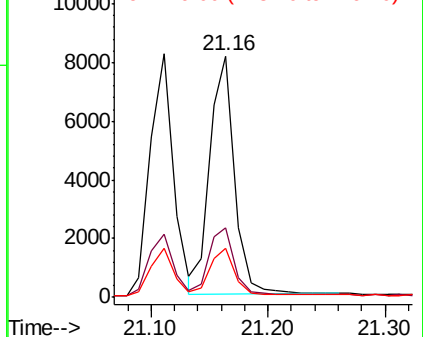
229 20.2 16.1 24.1



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: 0.632 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

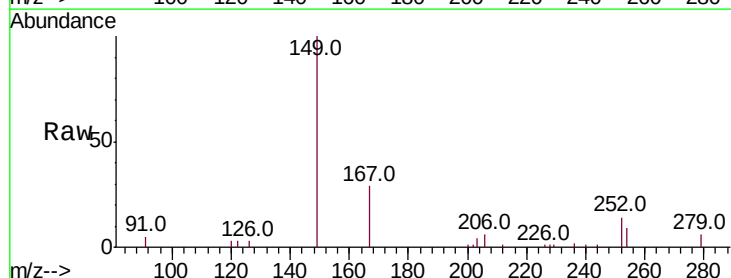
Tgt Ion:149 Resp: 5867

Ion Ratio Lower Upper

149 100

167 27.9 24.1 36.1

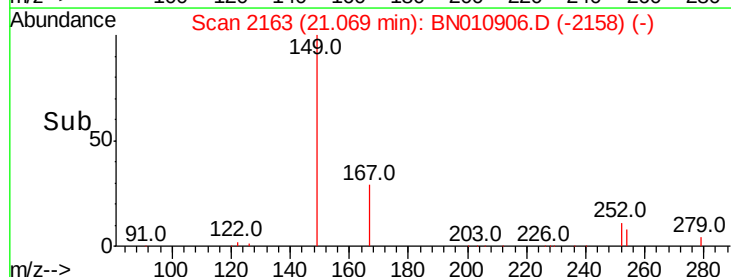
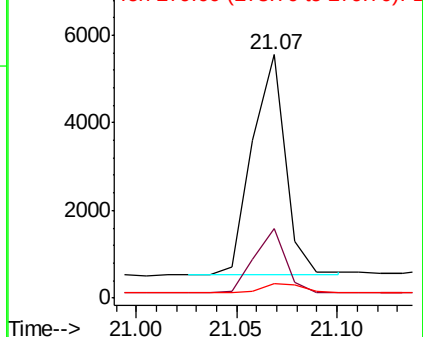
279 5.2 4.6 7.0

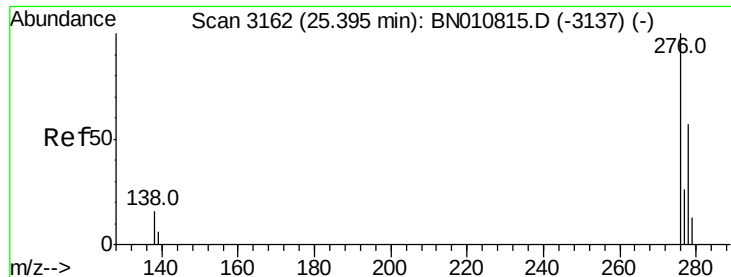


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.384 ng

RT: 25.38 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

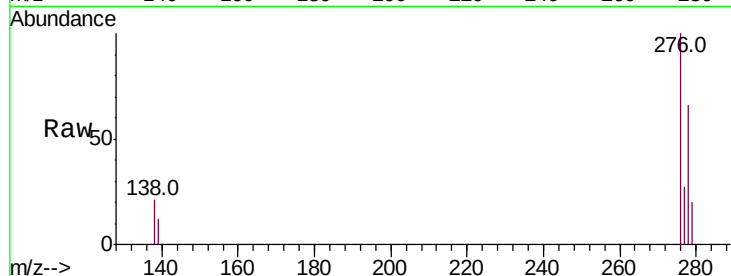
Tot Ion:276 Resp: 13922

Ion Ratio Lower Upper

276 100

138 21.2 13.0 19.6#

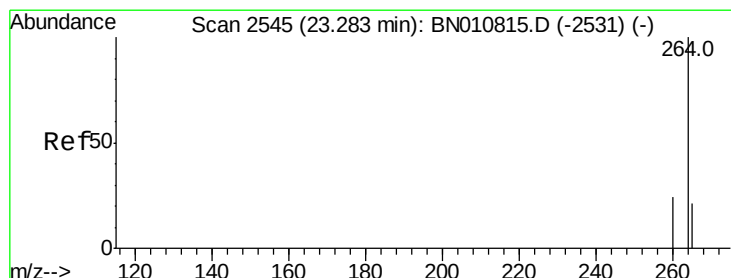
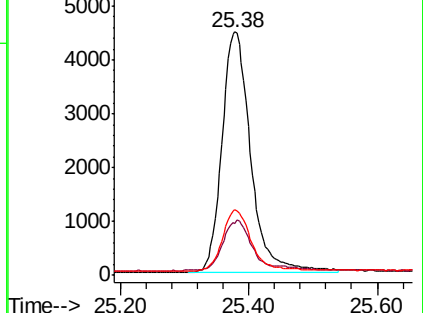
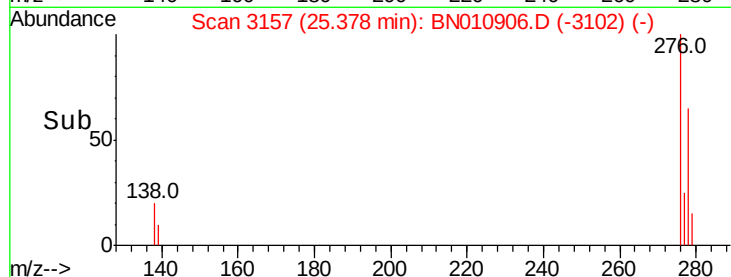
277 24.8 19.7 29.5



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: 23.27 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

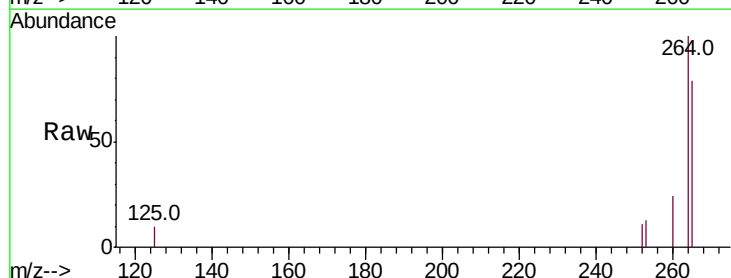
Tgt Ion:264 Resp: 9818

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

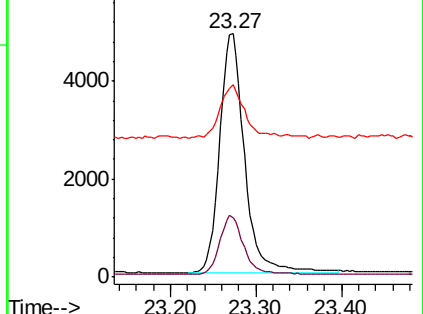
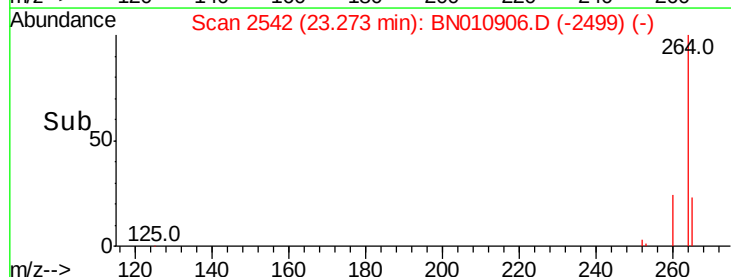
265 79.2 75.0 112.4

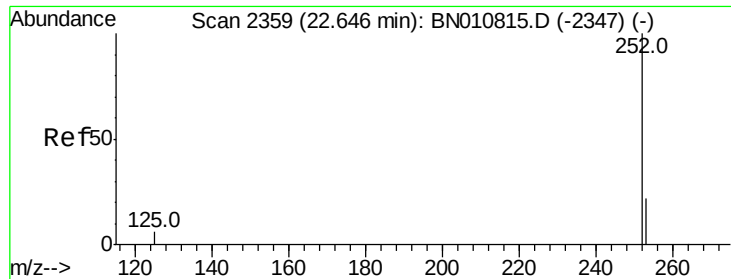


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

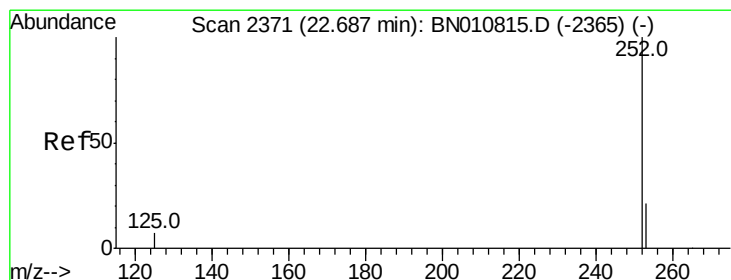
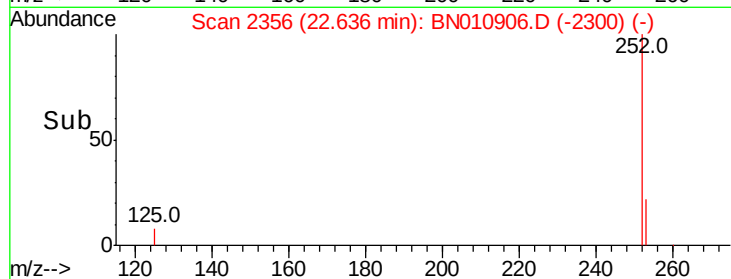
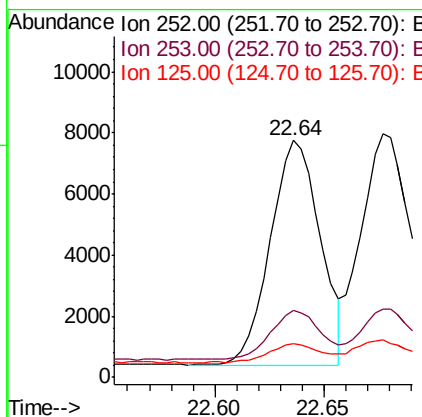
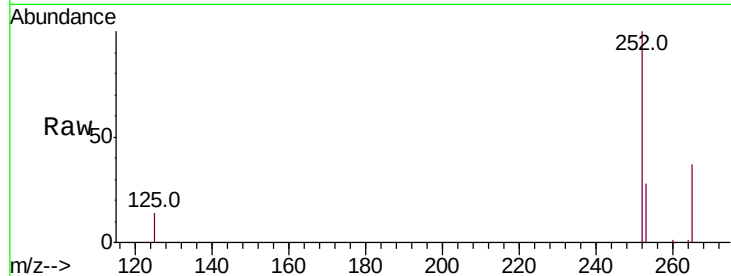




#35
Benzo(b)fluoranthene
Concen: 0.350 ng
RT: 22.64 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

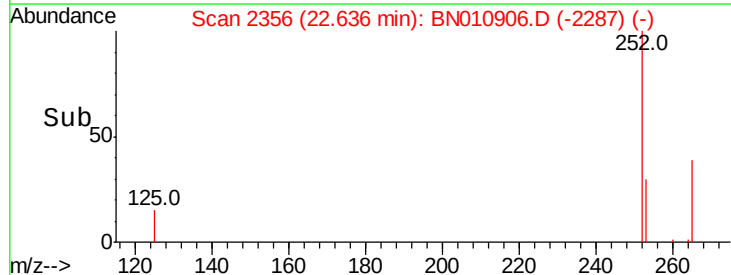
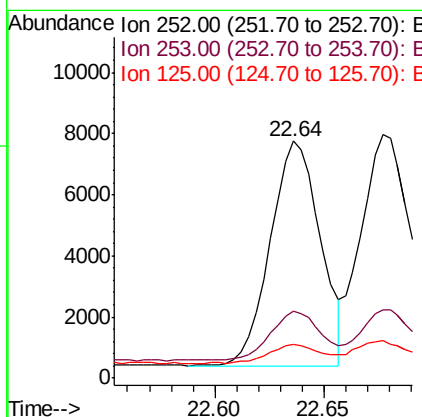
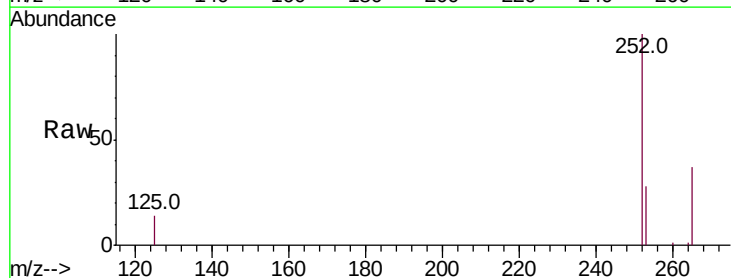
Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

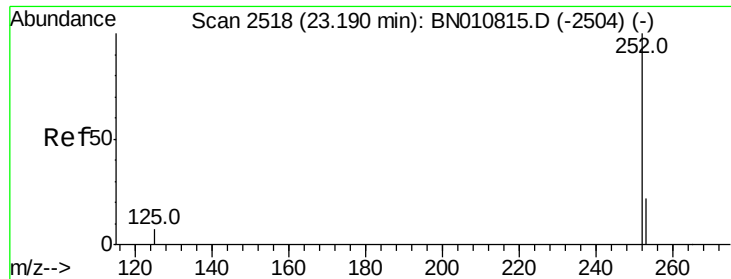
Tot Ion:252 Resp: 11678
Ion Ratio Lower Upper
252 100
253 28.1 22.4 33.6
125 14.1 9.4 14.0#



#36
Benzo(k)fluoranthene
Concen: 0.328 ng
RT: 22.64 min Scan# 2356
Delta R.T. -0.05 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:252 Resp: 11678
Ion Ratio Lower Upper
252 100
253 28.1 22.2 33.4
125 14.1 9.8 14.8





#37

Benzo(a)pyrene

Concen: 0.369 ng

RT: 23.18 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

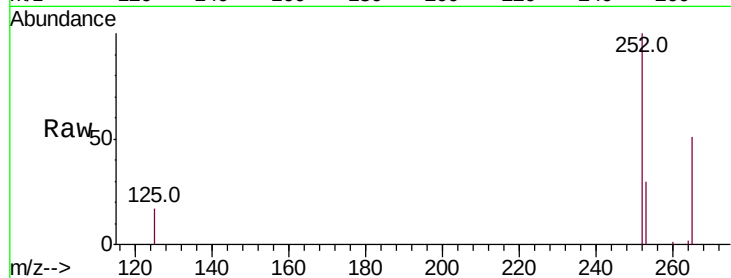
Tot Ion:252 Resp: 10559

Ion Ratio Lower Upper

252 100

253 30.4 25.8 38.8

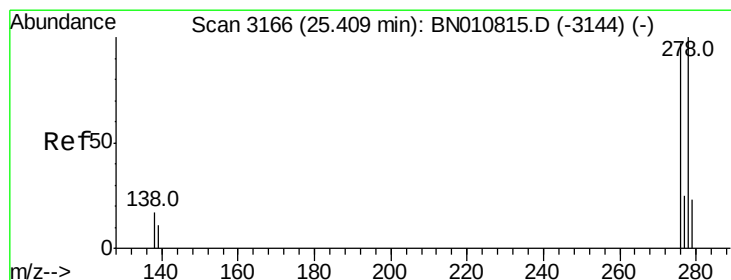
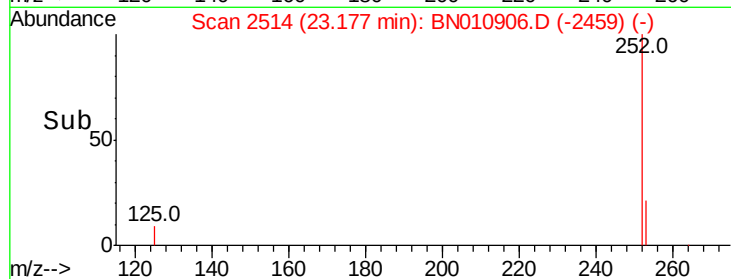
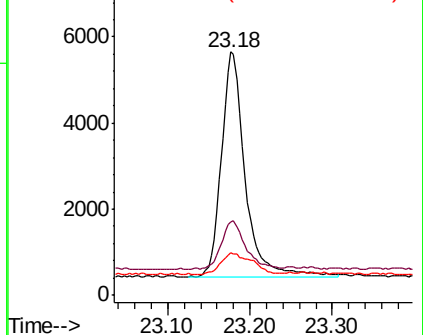
125 17.4 12.4 18.6



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: 0.353 ng

RT: 25.39 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

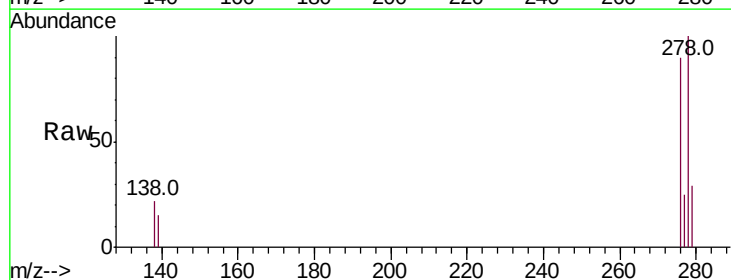
Tgt Ion:278 Resp: 11538

Ion Ratio Lower Upper

278 100

139 15.3 10.6 15.8

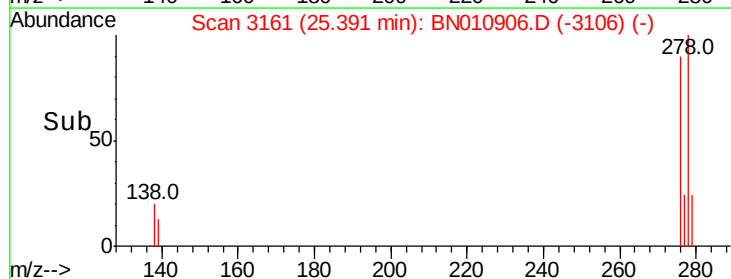
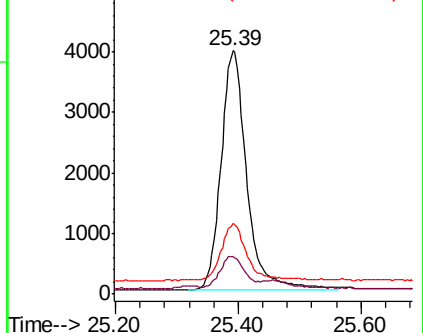
279 29.0 23.6 35.4

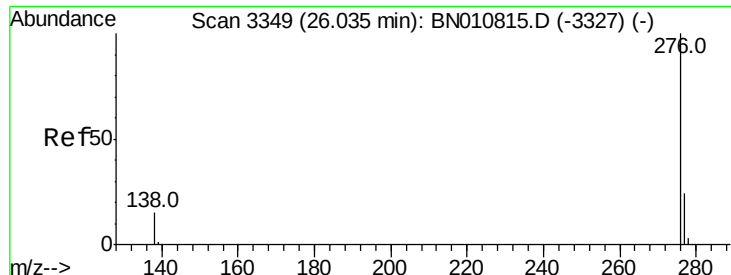


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.360 ng

RT: 26.01 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BN010906.D

Acq: 16 Jun 2020 14:43

Instrument :

BNA_N

ClientSampleId :

RE117D1-20200611MS

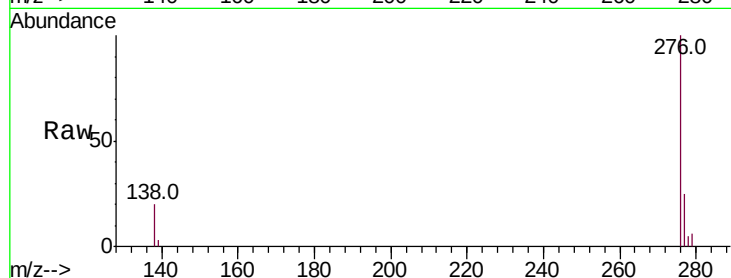
Tot Ion:276 Resp: 12292

Ion Ratio Lower Upper

276 100

277 25.0 20.5 30.7

138 20.0 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

