

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
 Data File : BN010207.D
 Acq On : 13 Mar 2020 19:11
 Operator : CG/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 16 01:40:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 01:33:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	2504	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	8936	0.40	ng	0.00
13) Acenaphthene-d10	14.26	164	5970	0.40	ng	0.00
19) Phenanthrene-d10	17.00	188	14372	0.40	ng	0.00
27) Chrysene-d12	21.20	240	15147	0.40	ng	0.00
34) Perylene-d12	23.38	264	16821	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1226	0.22	ng	0.00
5) Phenol-d6	6.81	99	1513	0.22	ng	0.00
8) Nitrobenzene-d5	8.76	82	1116	0.15	ng	-0.01
11) 2-Methylnaphthalene-d10	11.99	152	2983	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.75	330	397	0.17	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	4252	0.19	ng	0.00
25) Fluoranthene-d10	19.03	212	9070	0.18	ng	0.00
29) Terphenyl-d14	19.65	244	6977	0.19	ng	0.00

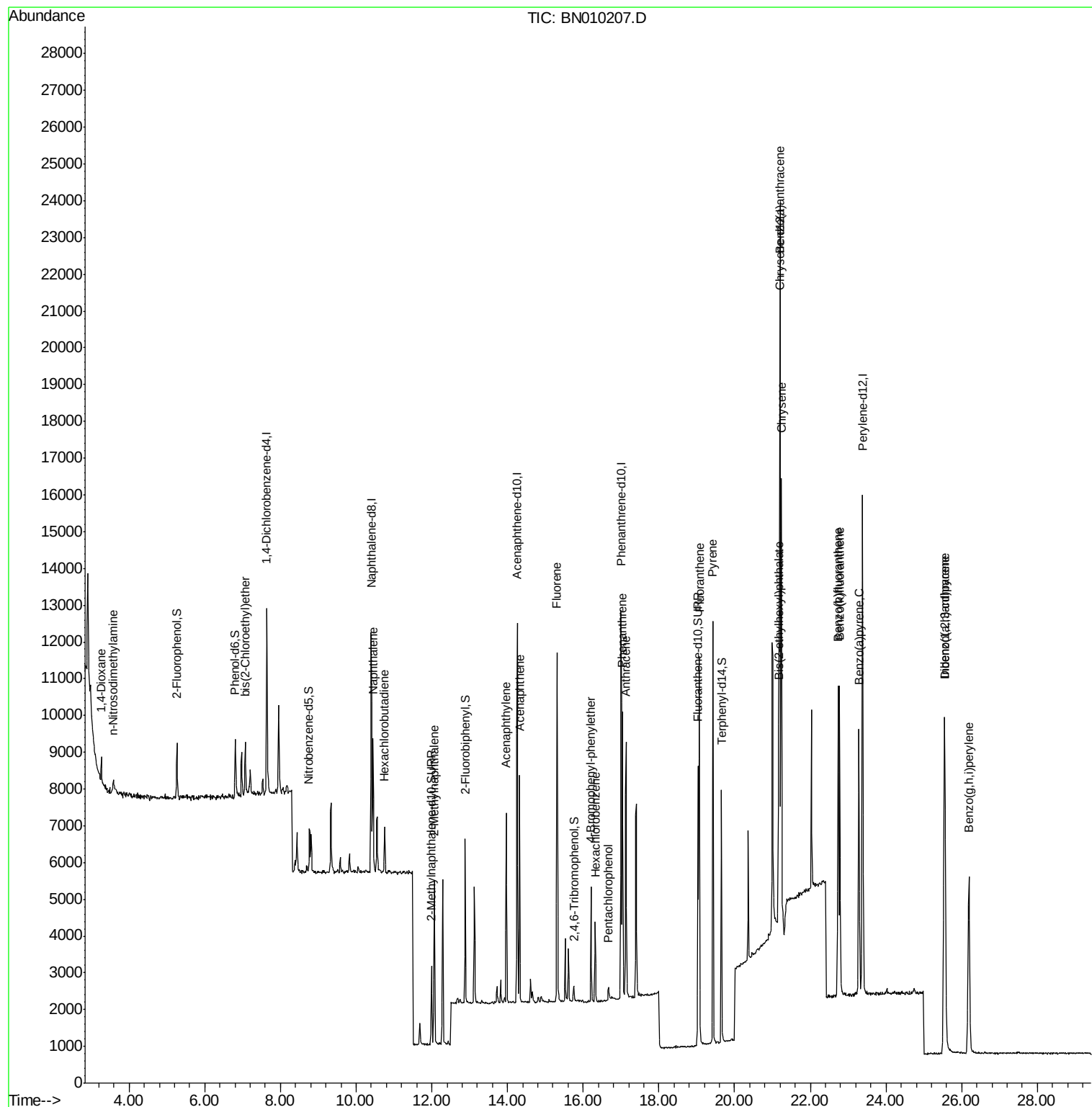
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	472	0.184	ng	# 100
3) n-Nitrosodimethylamine	3.58	42	427	0.101	ng	# 100
6) bis(2-Chloroethyl)ether	7.07	93	1295	0.197	ng	99
9) Naphthalene	10.44	128	4527	0.186	ng	# 92
10) Hexachlorobutadiene	10.75	225	1076	0.201	ng	# 100
12) 2-Methylnaphthalene	12.06	142	3227	0.193	ng	97
16) Acenaphthylene	13.97	152	5566	0.219	ng	99
17) Acenaphthene	14.31	154	3286	0.184	ng	98
18) Fluorene	15.31	166	4688	0.199	ng	97
20) 4-Bromophenyl-phenylether	16.21	248	1653	0.165	ng	96
21) Hexachlorobenzene	16.32	284	1603	0.179	ng	98
22) Pentachlorophenol	16.67	266	422	0.184	ng	# 83
23) Phenanthrene	17.04	178	7606	0.178	ng	98
24) Anthracene	17.13	178	7552	0.209	ng	99
26) Fluoranthene	19.07	202	9757	0.191	ng	100
28) Pyrene	19.43	202	10165	0.177	ng	99
30) Benzo(a)anthracene	21.19	228	10179	0.203	ng	99
31) Chrysene	21.24	228	10466	0.180	ng	97
32) Bis(2-ethylhexyl)phthalate	21.16	149	4232	0.173	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.54	276	12153	0.201	ng	# 100
35) Benzo(b)fluoranthene	22.74	252	10607	0.172	ng	# 93
36) Benzo(k)fluoranthene	22.78	252	10558	0.158	ng	# 93
37) Benzo(a)pyrene	23.28	252	9876	0.176	ng	# 92
38) Dibenzo(a,h)anthracene	25.56	278	9899	0.179	ng	95
39) Benzo(g,h,i)perylene	26.19	276	9948	0.169	ng	93

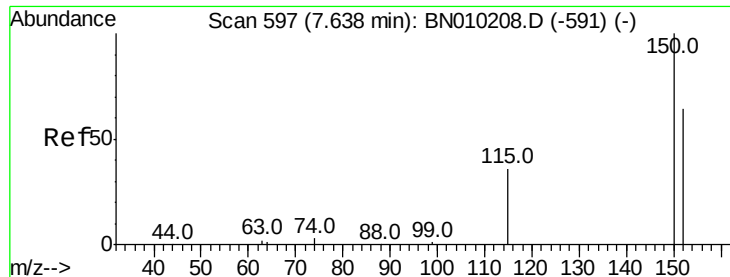
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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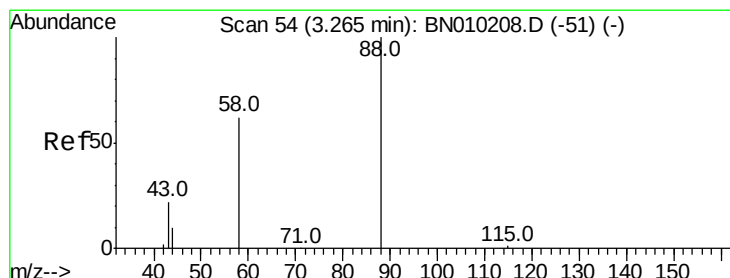
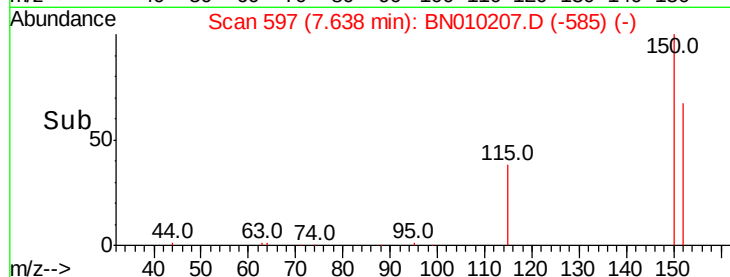
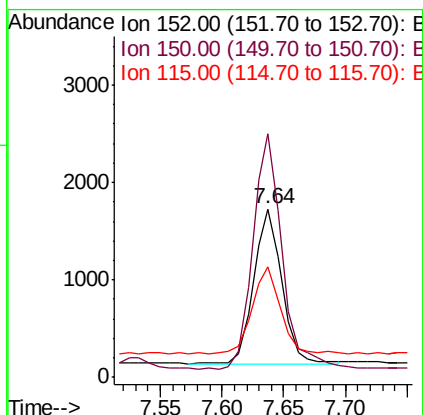
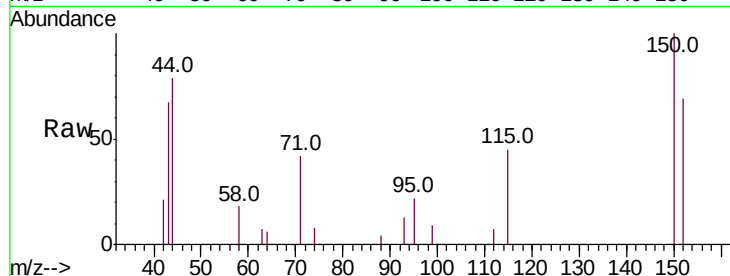


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 597
Delta R.T. -0.00 min
Lab File: BN010207.D
Acq: 13 Mar 2020 19:11

Instrument :
BNA_N
ClientSampleId :

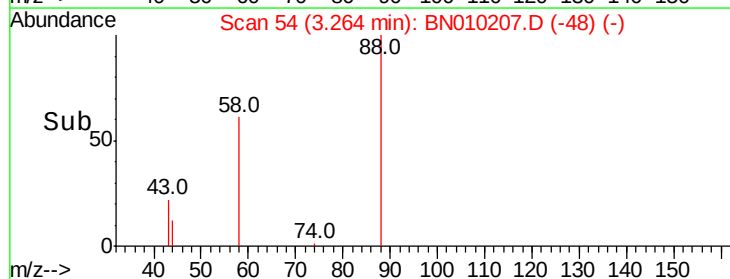
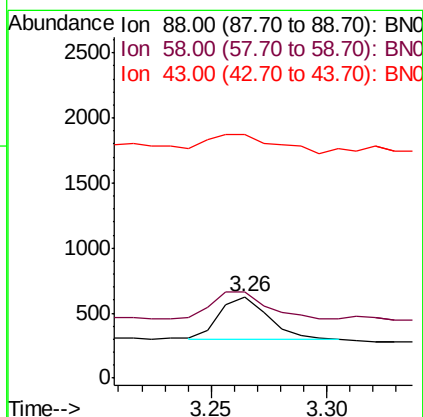
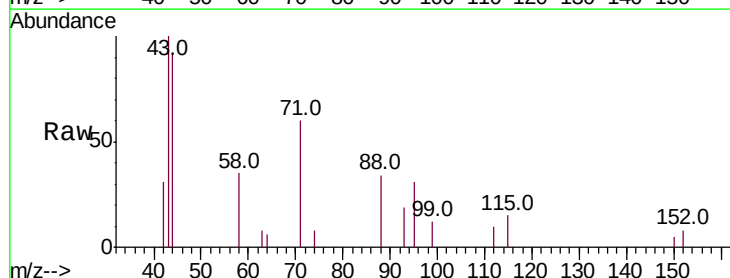
Tot Ion:152 Resp: 2504
Ion Ratio Lower Upper
152 100
150 144.5 119.5 179.3
115 65.5 50.9 76.3

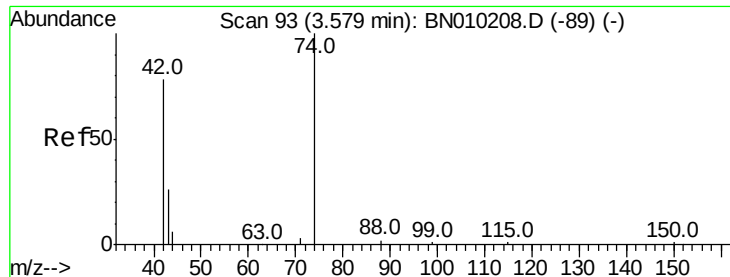


#2

1,4-Dioxane
Concen: 0.184 ng
RT: 3.26 min Scan# 54
Delta R.T. -0.00 min
Lab File: BN010207.D
Acq: 13 Mar 2020 19:11

Tgt Ion: 88 Resp: 472
Ion Ratio Lower Upper
88 100
58 69.5 0.0 0.0#
43 58.7 0.0 0.0#



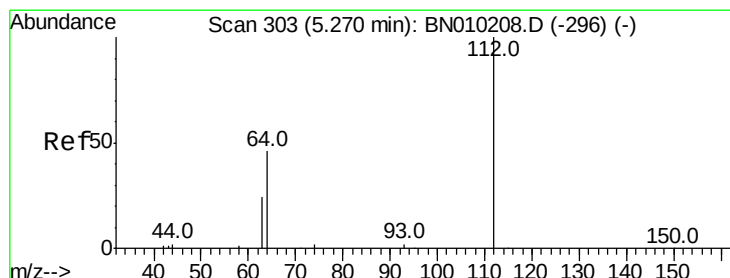
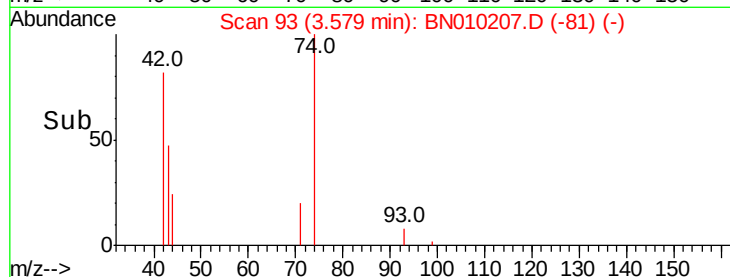
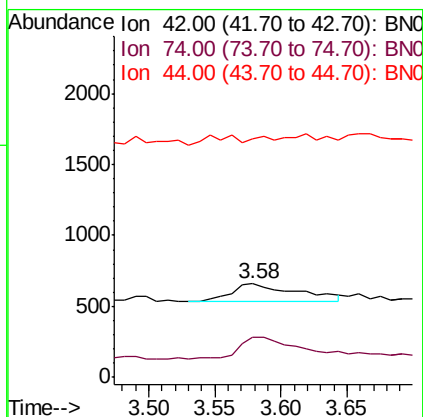
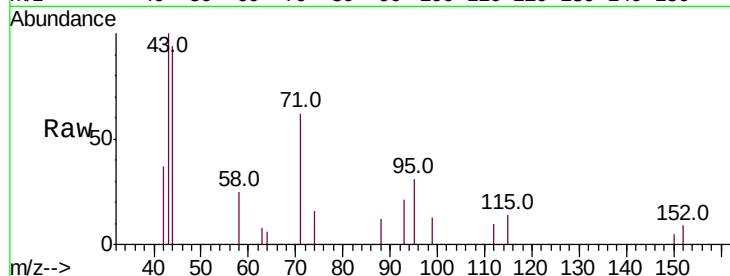


#3

n-Nitrosodimethylamine
Concen: 0.101 ng
RT: 3.58 min Scan# 93
Delta R.T. -0.00 min
Lab File: BN010207.D
Acq: 13 Mar 2020 19:11

Instrument :
BNA_N
ClientSampleId :

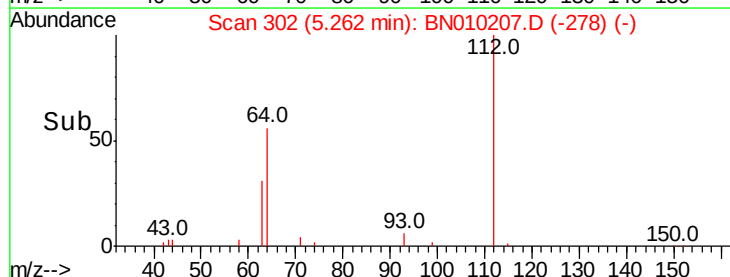
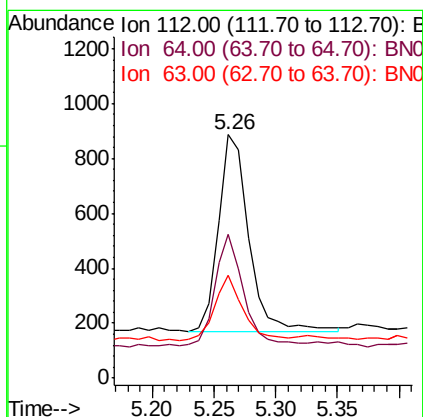
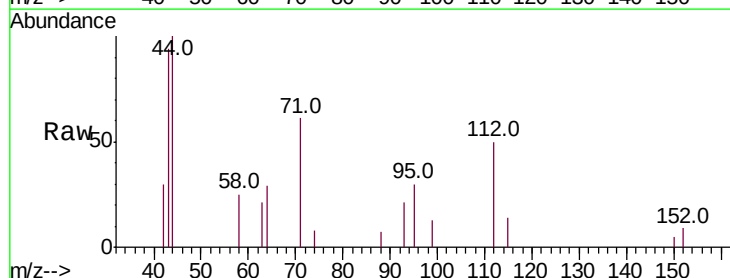
Tot Ion: 42 Resp: 427
Ion Ratio Lower Upper
42 100
74 110.5 0.0 0.0#
44 10.8 0.0 0.0#

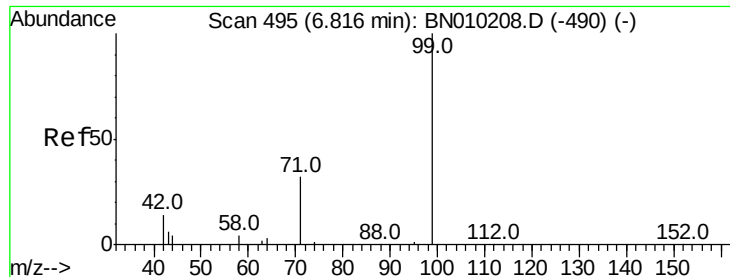


#4

2-Fluorophenol
Concen: 0.220 ng
RT: 5.26 min Scan# 302
Delta R.T. -0.01 min
Lab File: BN010207.D
Acq: 13 Mar 2020 19:11

Tgt Ion: 112 Resp: 1226
Ion Ratio Lower Upper
112 100
64 56.0 42.6 63.8
63 30.9 23.6 35.4





#5

Phenol-d6

Concen: 0.223 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

Instrument :

BNA_N

ClientSampleId :

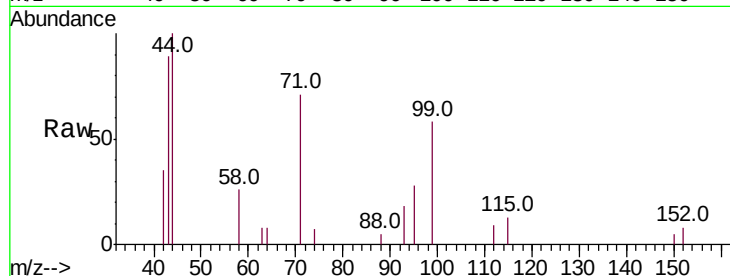
Tot Ion: 99 Resp: 1513

Ion Ratio Lower Upper

99 100

42 21.3 12.0 18.0#

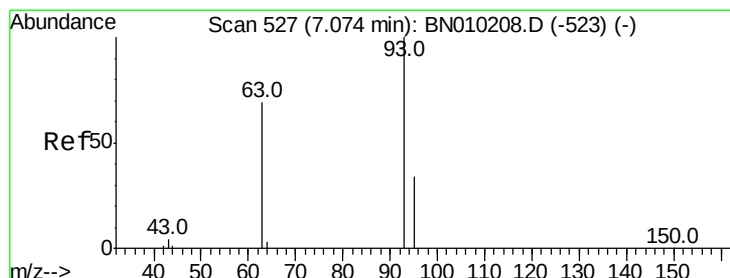
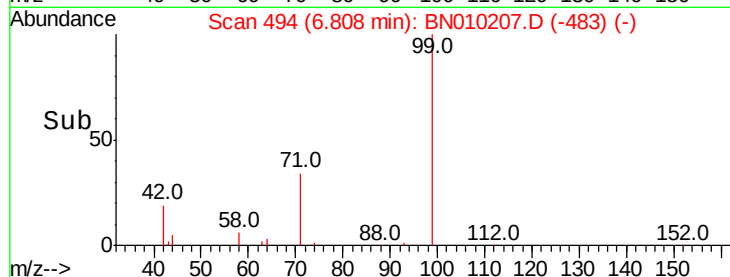
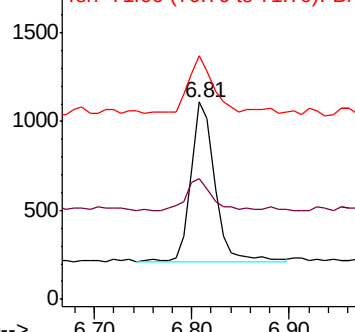
71 38.5 22.6 33.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN010208.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN010208.D (-490) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.197 ng

RT: 7.07 min Scan# 527

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

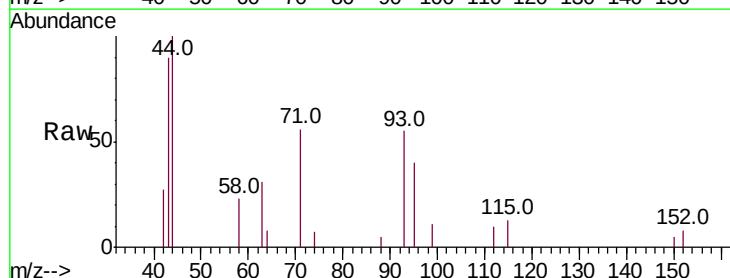
Tgt Ion: 93 Resp: 1295

Ion Ratio Lower Upper

93 100

63 65.9 53.4 80.0

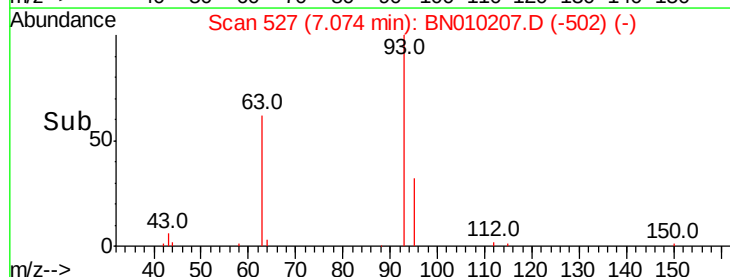
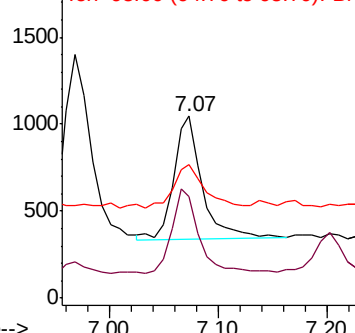
95 36.9 28.6 42.8

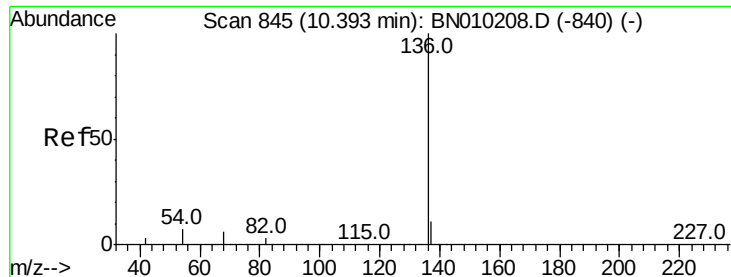


Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-523) (-)

Ion 95.00 (94.70 to 95.70): BN010208.D (-523) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 8936

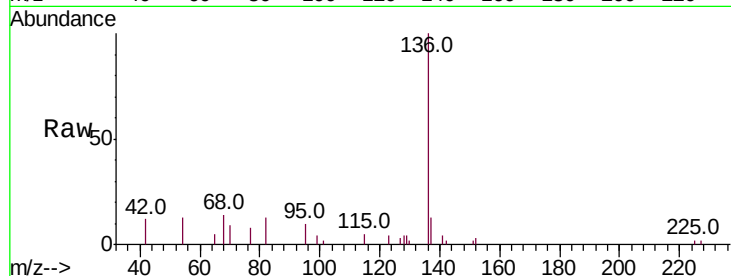
Ion Ratio Lower Upper

136 100

137 13.2 10.6 15.8

54 12.6 9.5 14.3

68 14.0 9.7 14.5

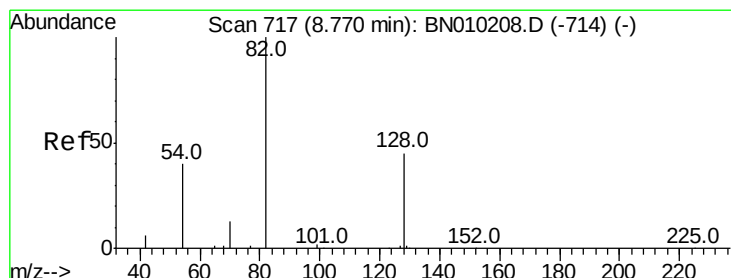
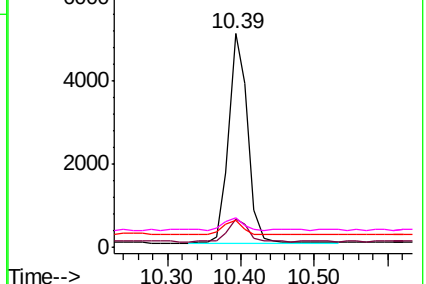
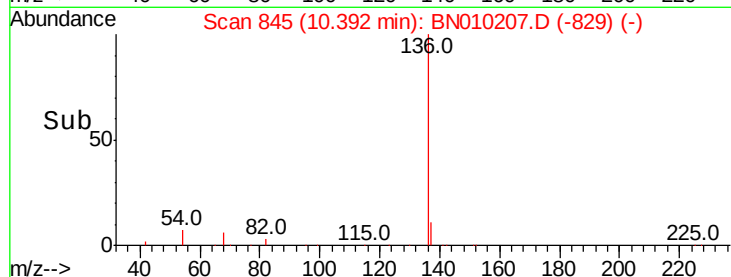


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0



#8

Nitrobenzene-d5

Concen: 0.150 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

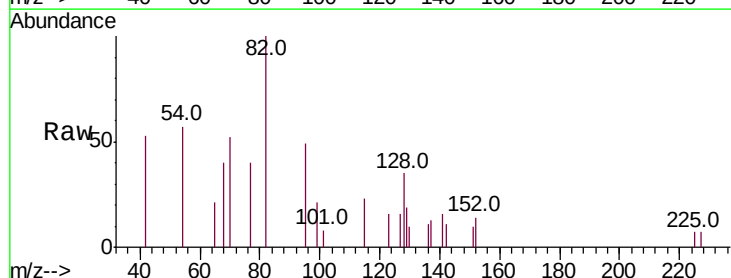
Tgt Ion: 82 Resp: 1116

Ion Ratio Lower Upper

82 100

128 35.2 35.0 52.6

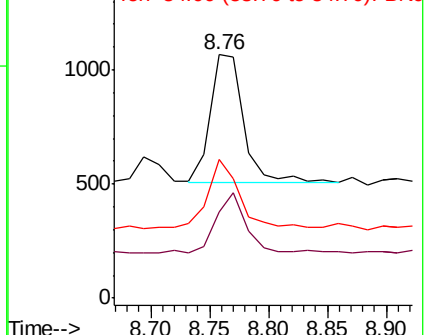
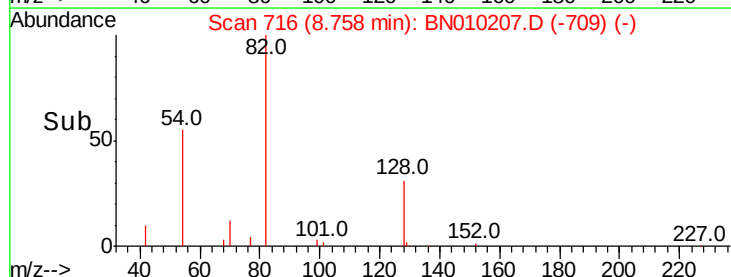
54 57.1 37.0 55.4#

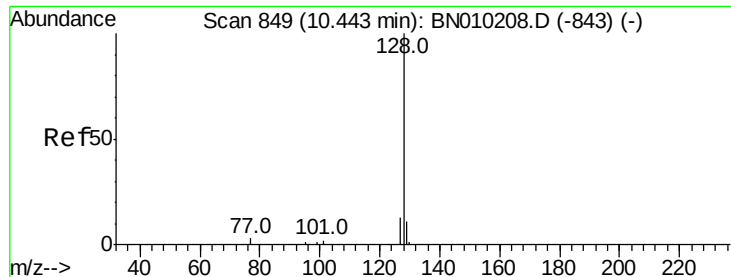


Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0





#9

Naphthalene

Concen: 0.186 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

Instrument :

BNA_N

ClientSampleId :

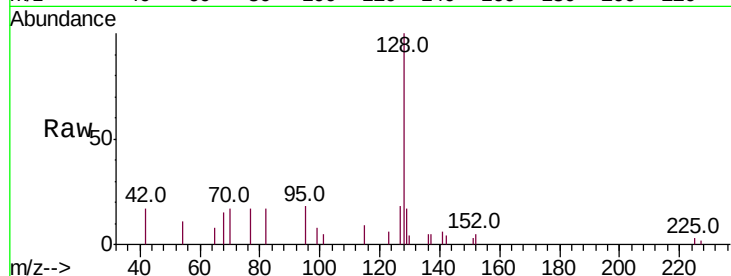
Tot Ion:128 Resp: 4527

Ion Ratio Lower Upper

128 100

129 16.6 10.5 15.7#

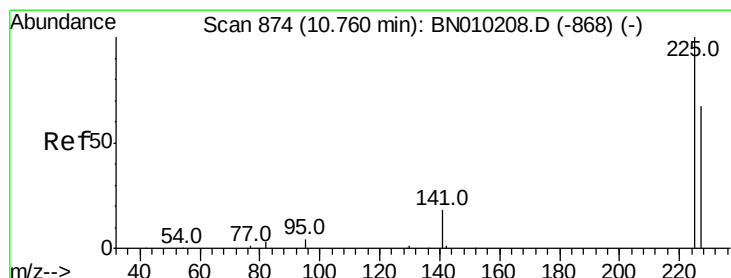
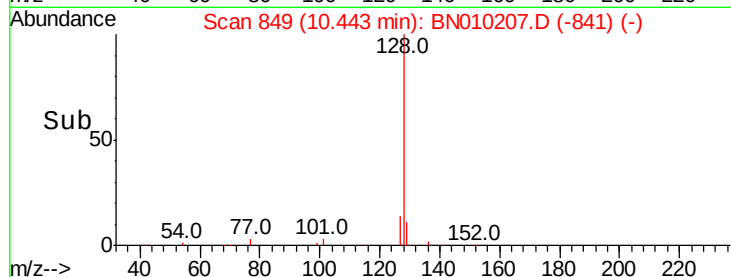
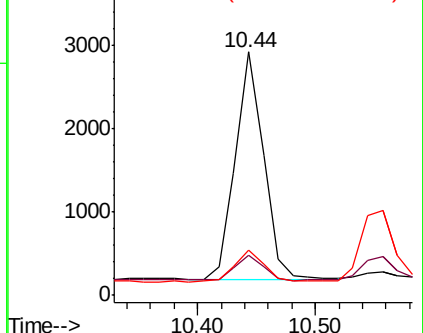
127 18.4 12.1 18.1#



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: 0.201 ng

RT: 10.75 min Scan# 873

Delta R.T. -0.01 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

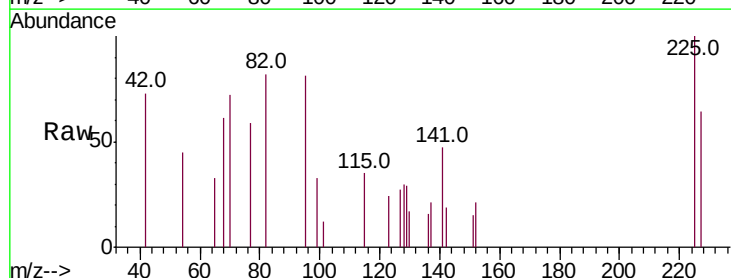
Tgt Ion:225 Resp: 1076

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

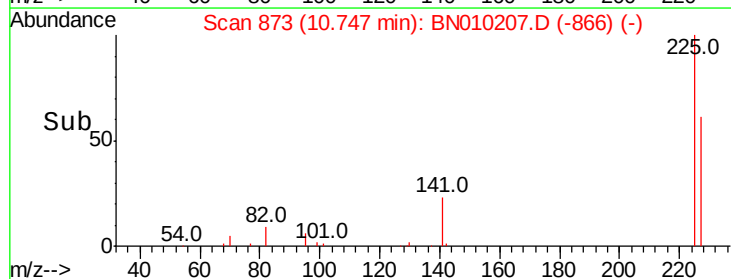
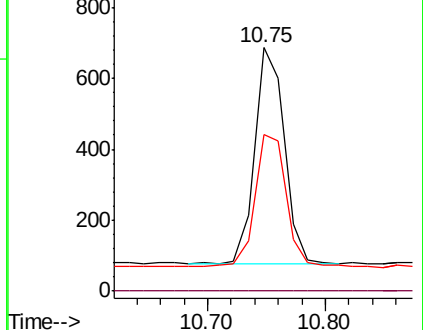
227 63.4 0.0 0.0#

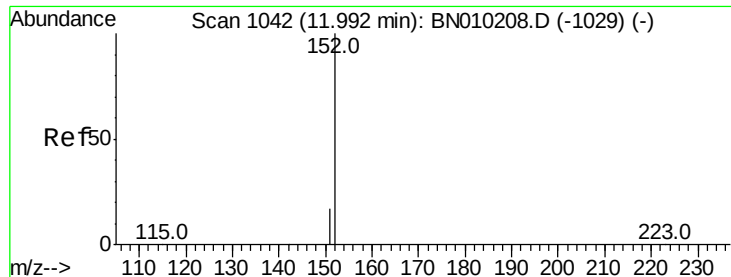


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

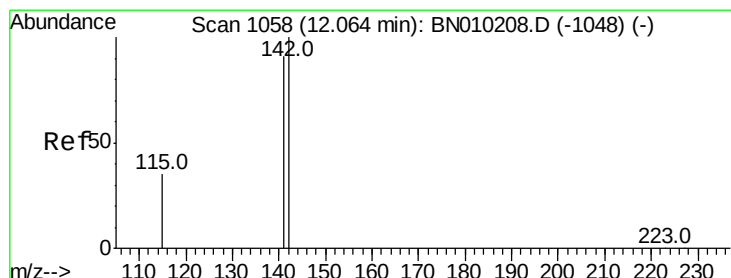
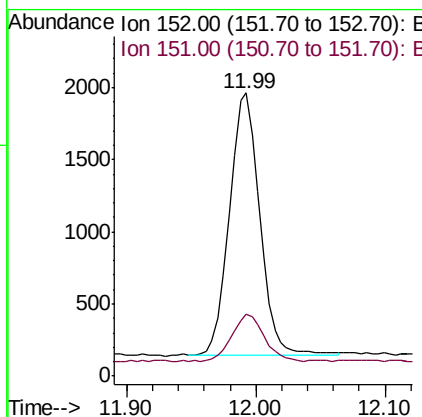
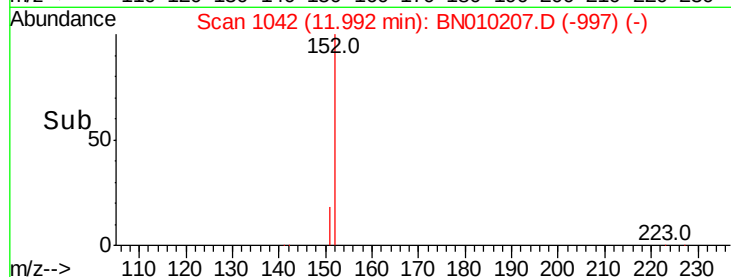
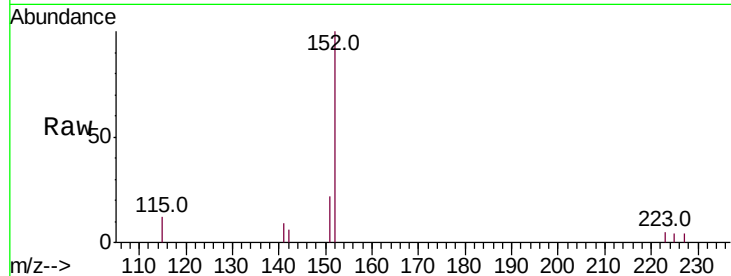




#11
 2-Methylnaphthalene-d10
 Concen: 0.173 ng
 RT: 11.99 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BN010207.D
 Acq: 13 Mar 2020 19:11

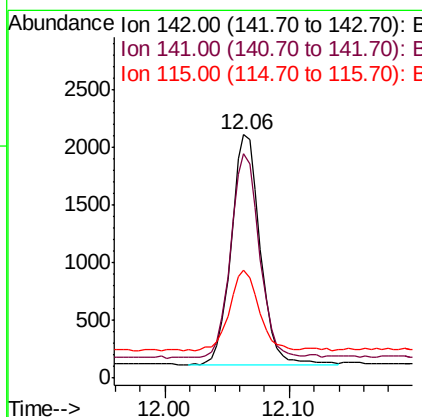
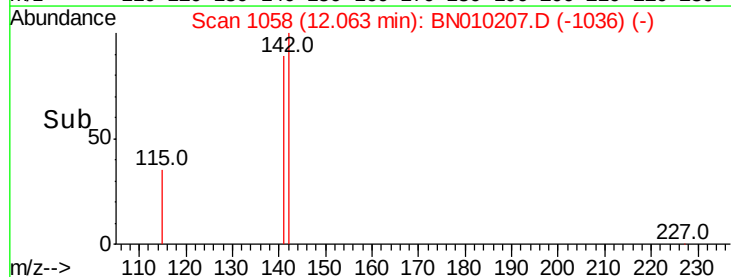
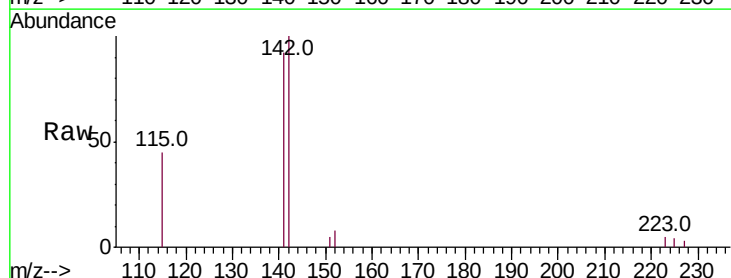
Instrument :
 BNA_N
 ClientSampleId :

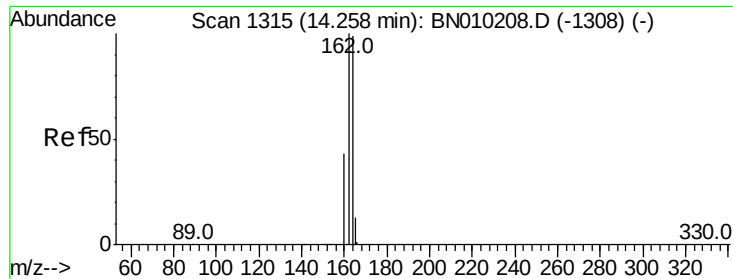
Tot Ion:152 Resp: 2983
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.193 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BN010207.D
 Acq: 13 Mar 2020 19:11

Tgt Ion:142 Resp: 3227
 Ion Ratio Lower Upper
 142 100
 141 92.4 73.7 110.5
 115 44.5 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

Instrument :

BNA_N

ClientSampled :

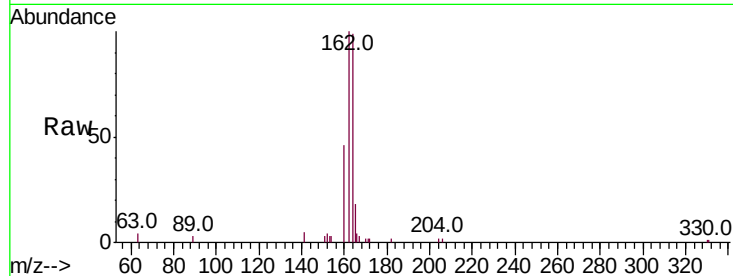
Tot Ion:164 Resp: 5970

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

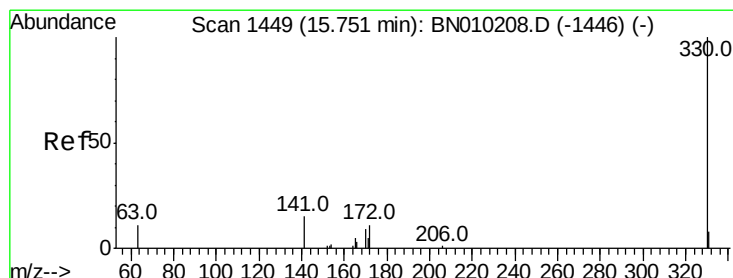
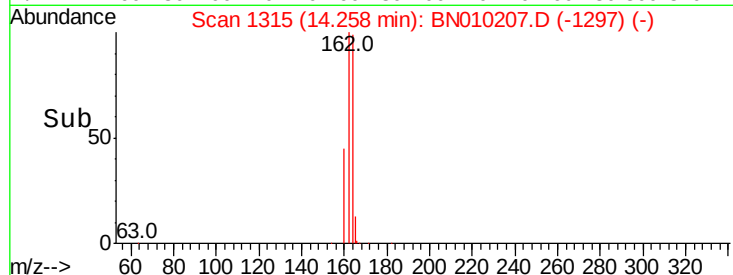
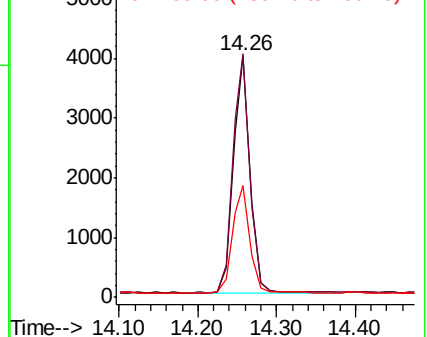
160 46.1 35.6 53.4



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: 0.173 ng

RT: 15.75 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

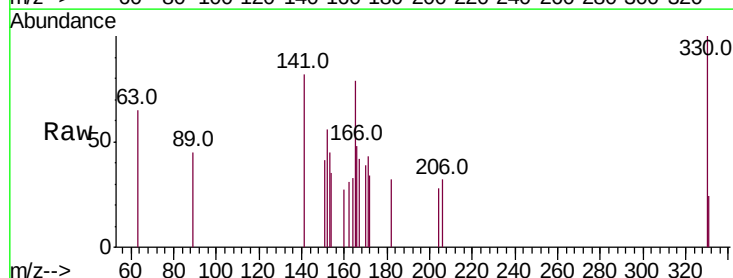
Tgt Ion:330 Resp: 397

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

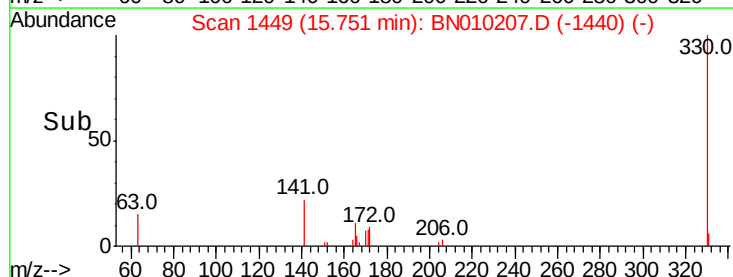
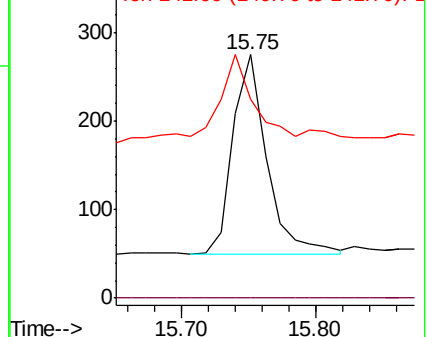
141 42.8 25.1 37.7#

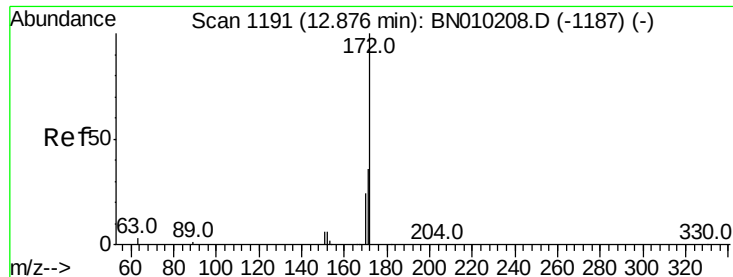


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

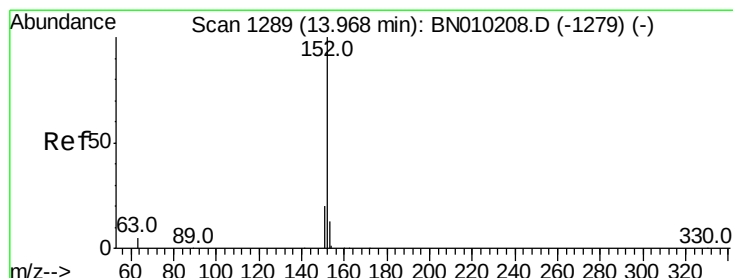
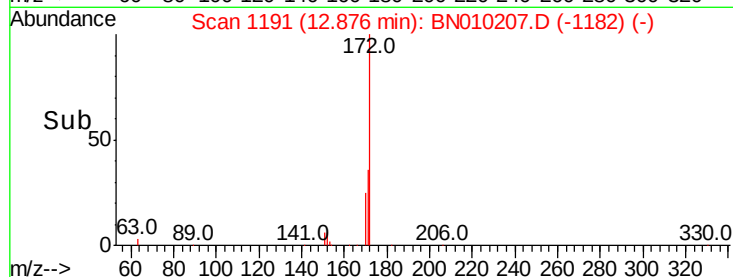
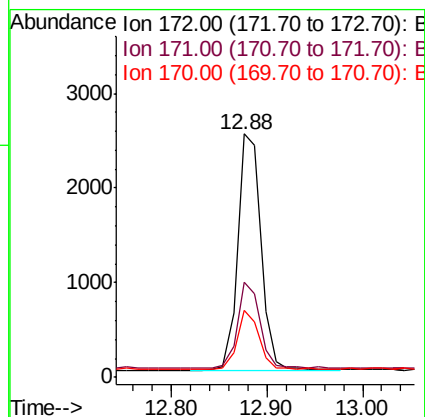
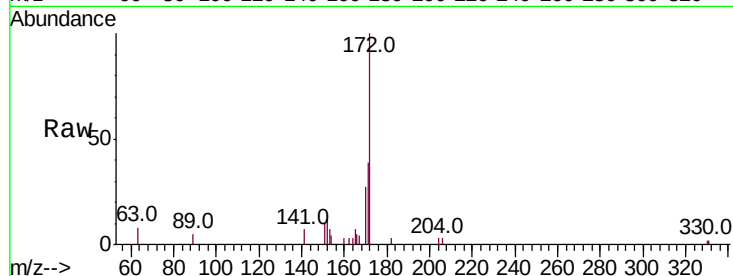




#15
2-Fluorobiphenyl
Concen: 0.189 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010207.D
Acq: 13 Mar 2020 19:11

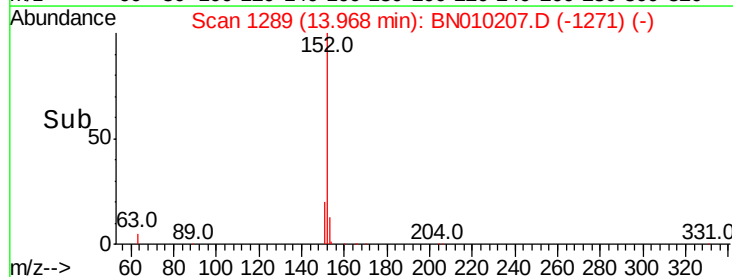
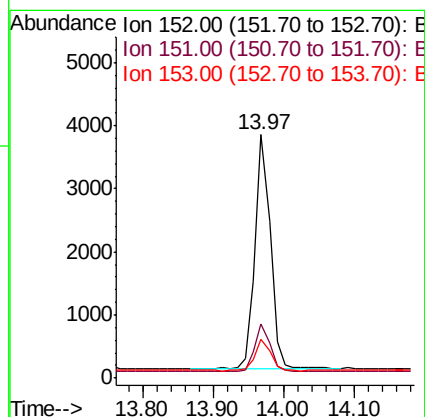
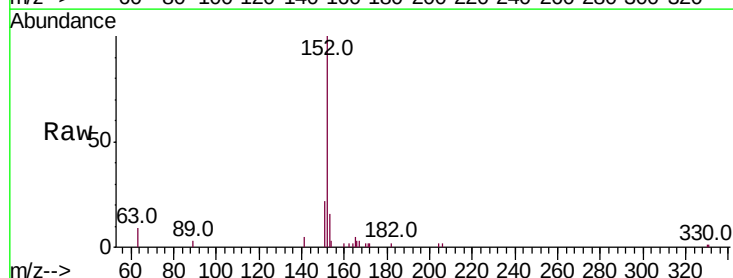
Instrument :
BNA_N
ClientSampleId :

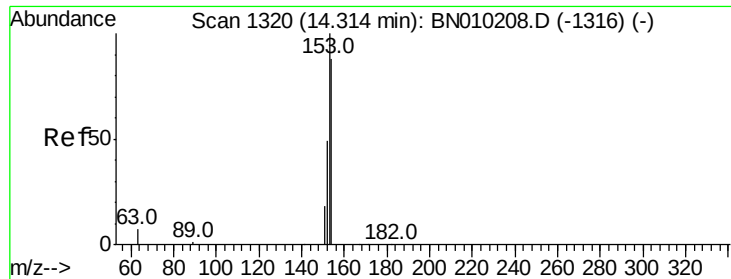
Tot Ion:172 Resp: 4252
Ion Ratio Lower Upper
172 100
171 38.9 29.4 44.2
170 27.4 20.2 30.4



#16
Acenaphthylene
Concen: 0.219 ng
RT: 13.97 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BN010207.D
Acq: 13 Mar 2020 19:11

Tgt Ion:152 Resp: 5566
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.5 10.6 16.0

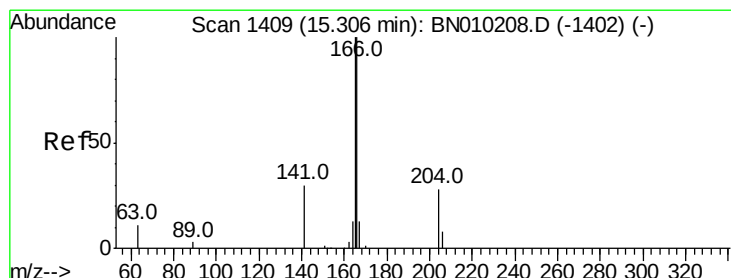
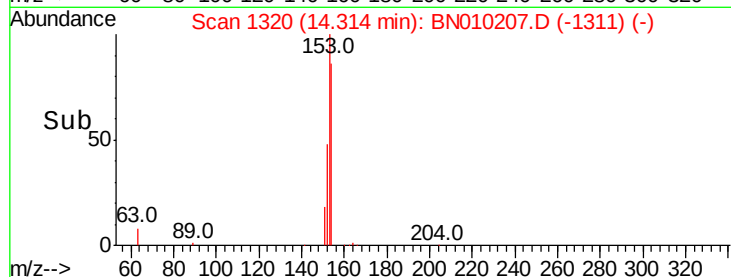
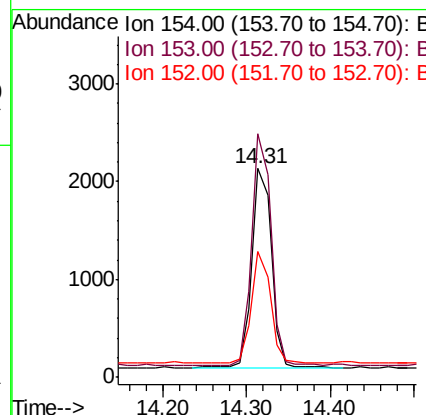
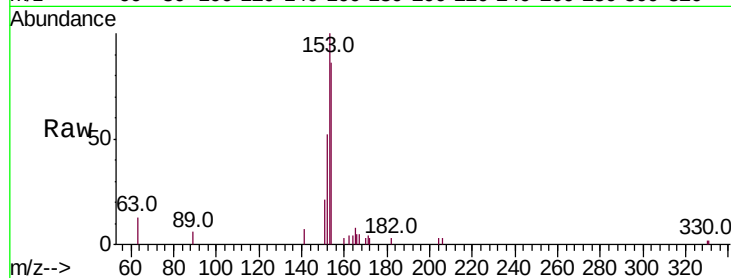




#17
Acenaphthene
Concen: 0.184 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN010207.D
Acq: 13 Mar 2020 19:11

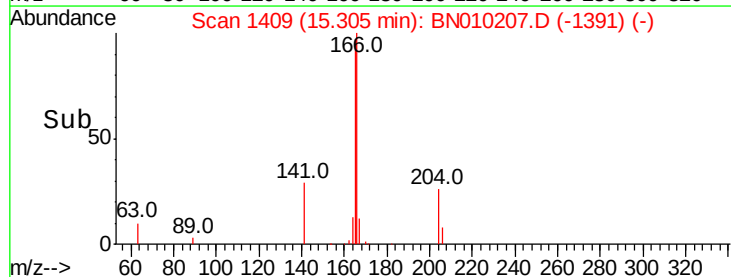
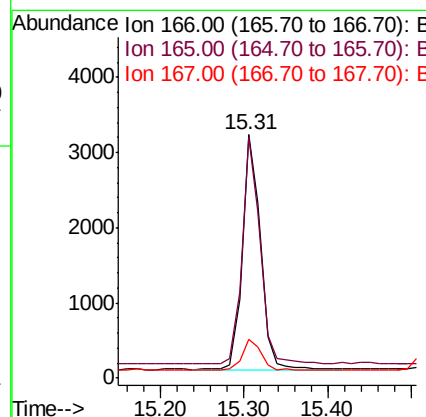
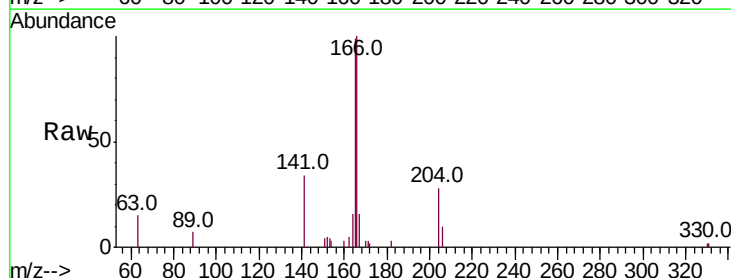
Instrument :
BNA_N
ClientSampleId :

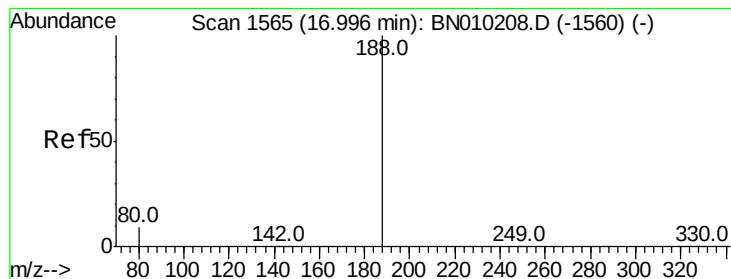
Tot Ion:154 Resp: 3286
Ion Ratio Lower Upper
154 100
153 114.5 90.3 135.5
152 54.9 42.9 64.3



#18
Fluorene
Concen: 0.199 ng
RT: 15.31 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BN010207.D
Acq: 13 Mar 2020 19:11

Tgt Ion:166 Resp: 4688
Ion Ratio Lower Upper
166 100
165 95.1 78.3 117.5
167 13.8 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

Instrument :

BNA_N

ClientSampleId :

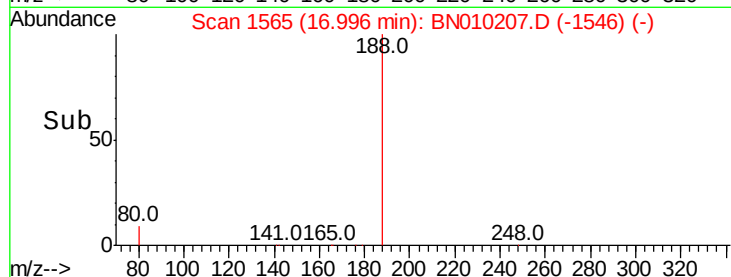
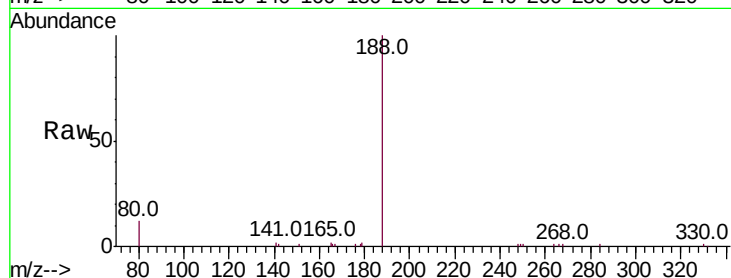
Tot Ion:188 Resp: 14372

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

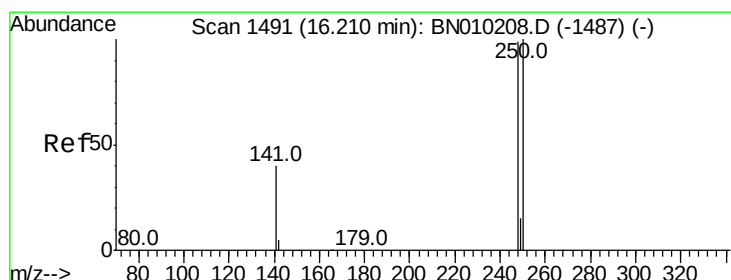
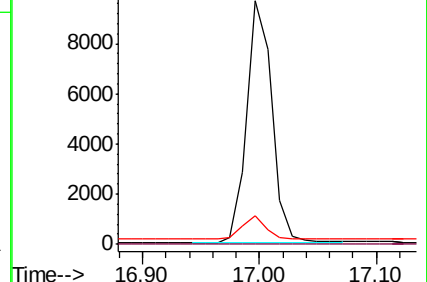
80 11.7 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.165 ng

RT: 16.21 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

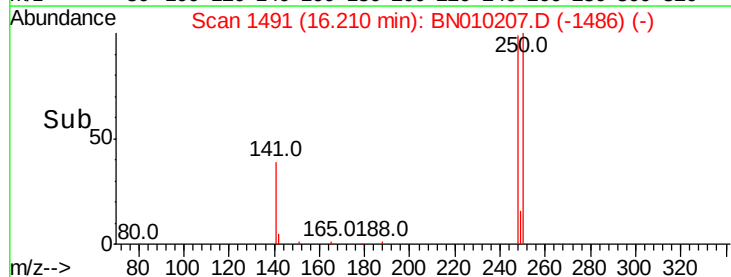
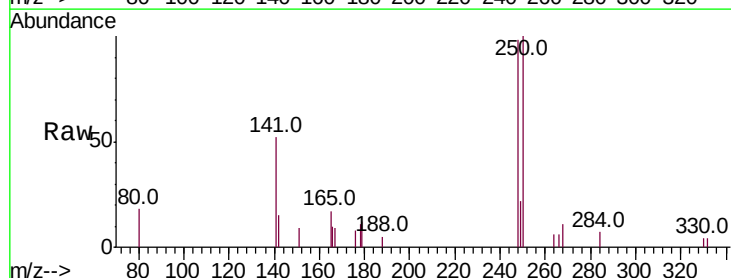
Tgt Ion:248 Resp: 1653

Ion Ratio Lower Upper

248 100

250 101.9 81.2 121.8

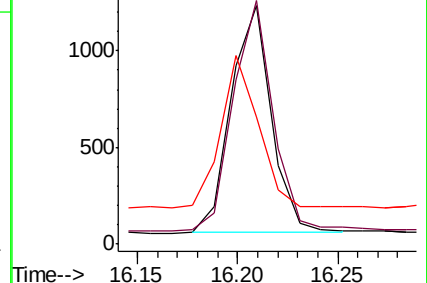
141 53.1 36.7 55.1

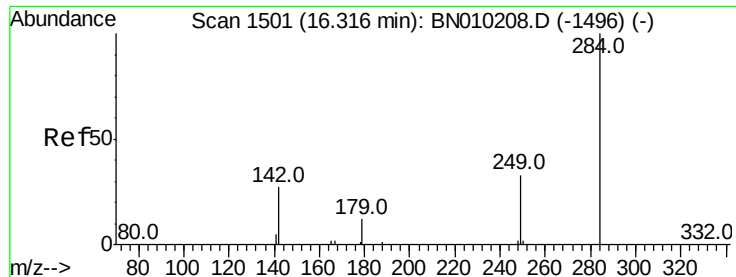


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

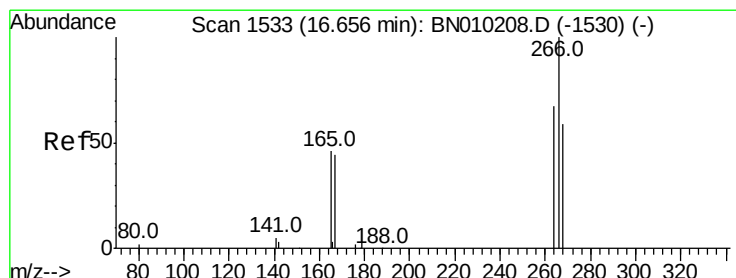
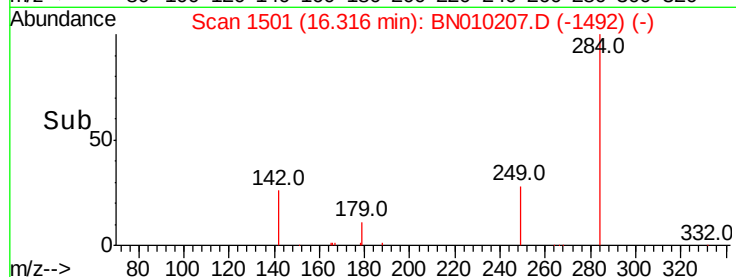
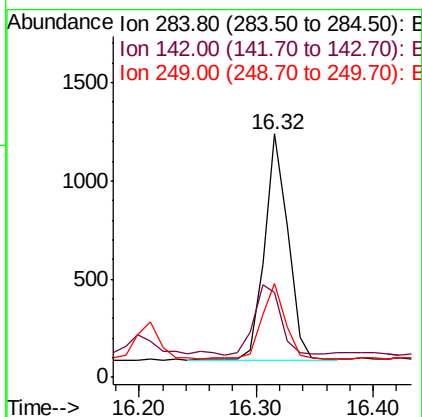
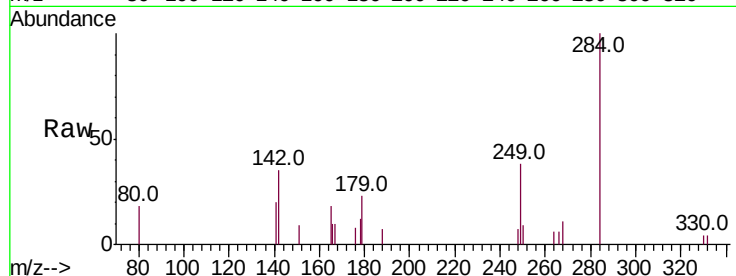




#21
Hexachlorobenzene
Concen: 0.179 ng
RT: 16.32 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BN010207.D
Acq: 13 Mar 2020 19:11

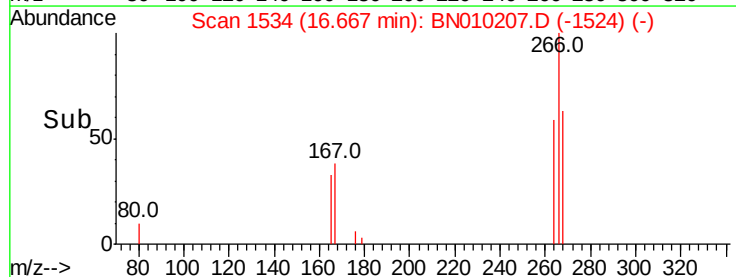
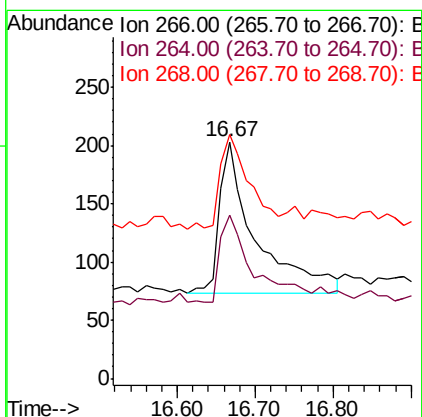
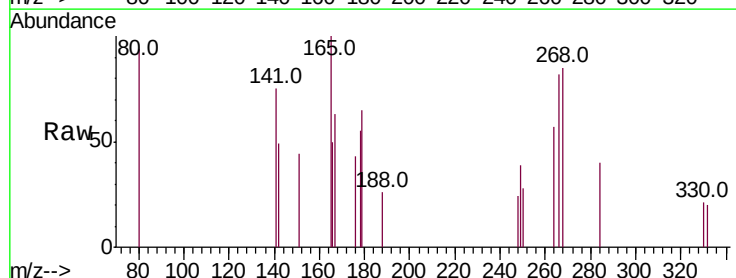
Instrument :
BNA_N
ClientSampleId :

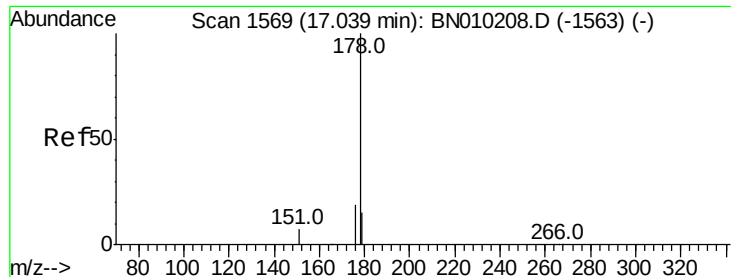
Tot Ion:284 Resp: 1603
Ion Ratio Lower Upper
284 100
142 36.9 27.8 41.6
249 33.4 26.6 39.8



#22
Pentachlorophenol
Concen: 0.184 ng
RT: 16.67 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BN010207.D
Acq: 13 Mar 2020 19:11

Tgt Ion:266 Resp: 422
Ion Ratio Lower Upper
266 100
264 69.0 56.2 84.2
268 103.0 61.4 92.2#





#23

Phenanthrene

Concen: 0.178 ng

RT: 17.04 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

Instrument :

BNA_N

ClientSampleId :

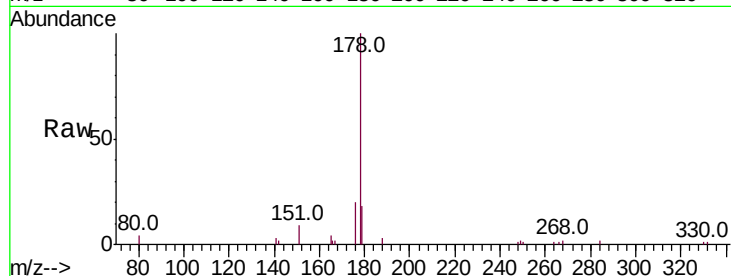
Tot Ion:178 Resp: 7606

Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.4

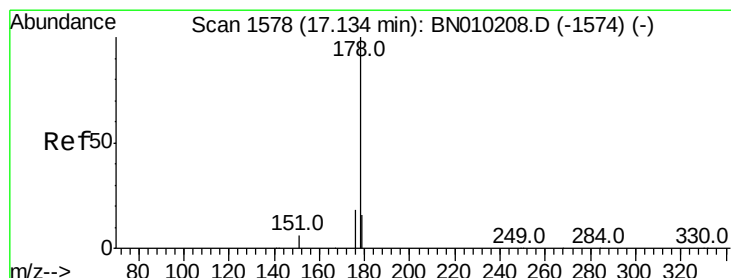
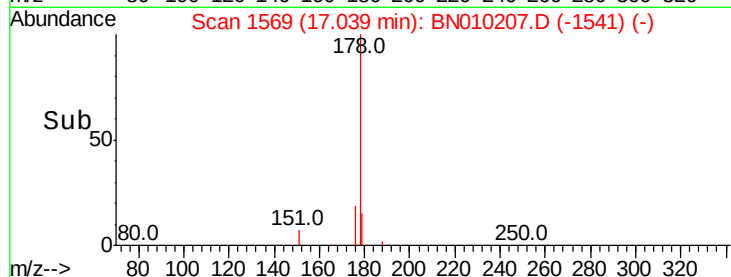
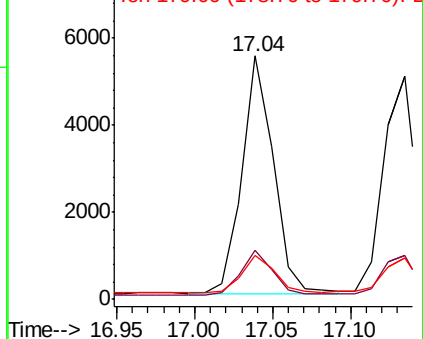
179 16.1 12.5 18.7



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: 0.209 ng

RT: 17.13 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

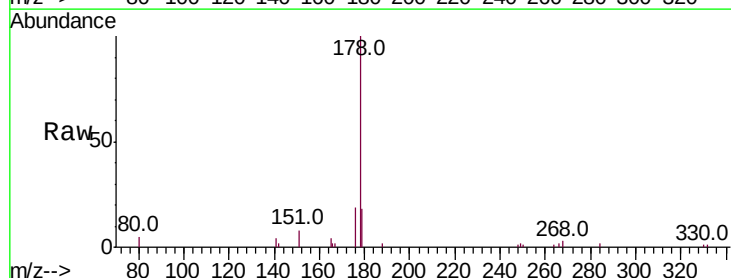
Tgt Ion:178 Resp: 7552

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

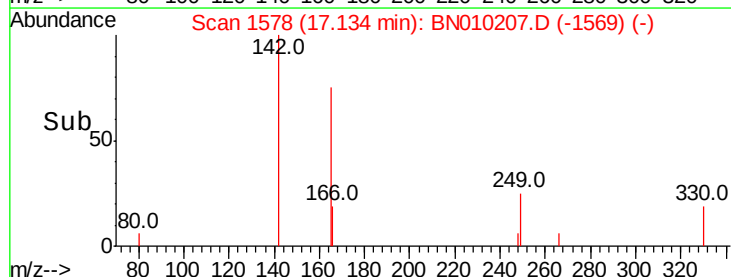
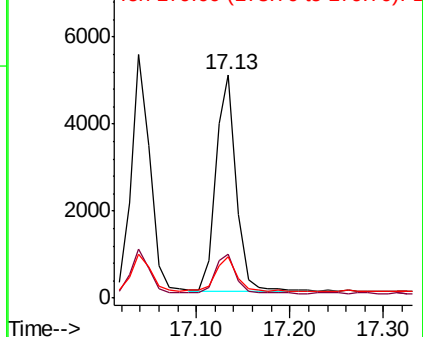
179 16.3 12.5 18.7

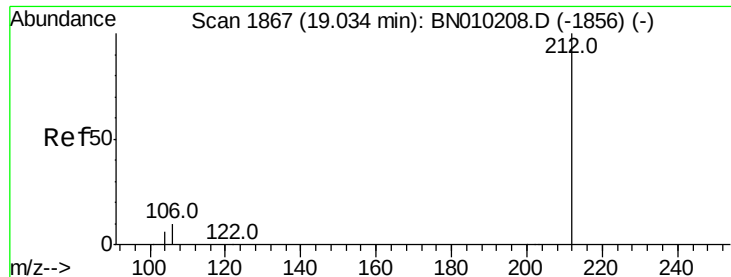


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

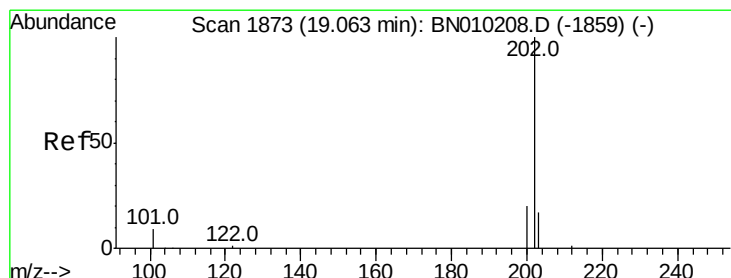
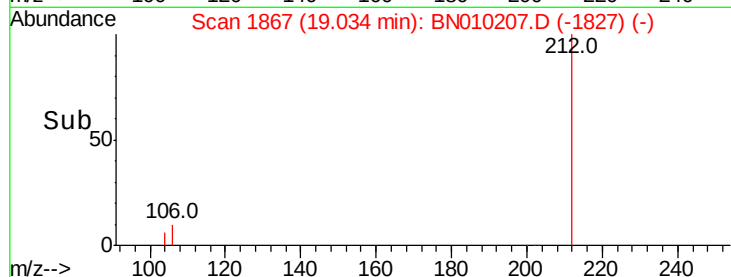
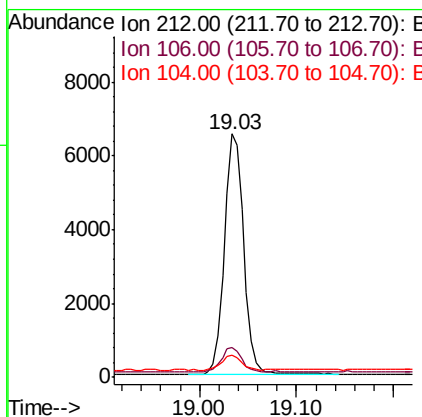
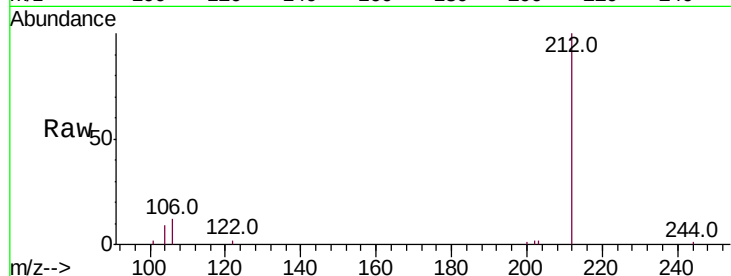




#25
 Fluoranthene-d10
 Concen: 0.182 ng
 RT: 19.03 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: BN010207.D
 Acq: 13 Mar 2020 19:11

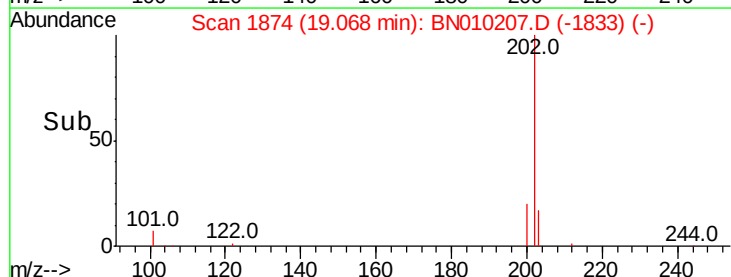
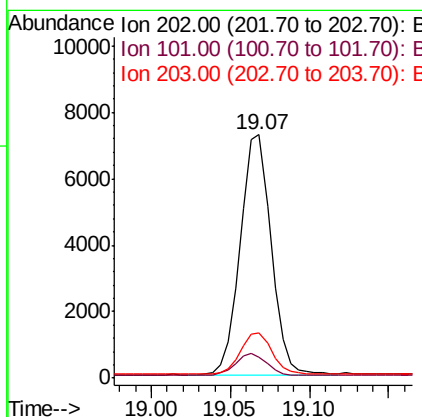
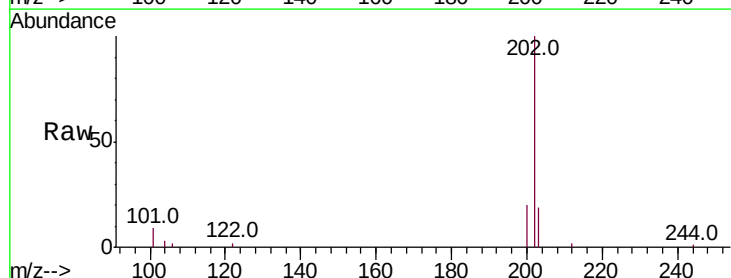
Instrument :
 BNA_N
 ClientSampleId :

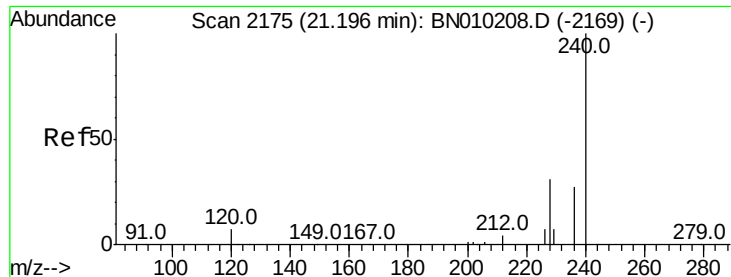
Tot Ion:212 Resp: 9070
 Ion Ratio Lower Upper
 212 100
 106 10.0 8.1 12.1
 104 5.9 4.7 7.1



#26
 Fluoranthene
 Concen: 0.191 ng
 RT: 19.07 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: BN010207.D
 Acq: 13 Mar 2020 19:11

Tgt Ion:202 Resp: 9757
 Ion Ratio Lower Upper
 202 100
 101 8.7 7.0 10.6
 203 17.2 13.9 20.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

Instrument :

BNA_N

ClientSampleId :

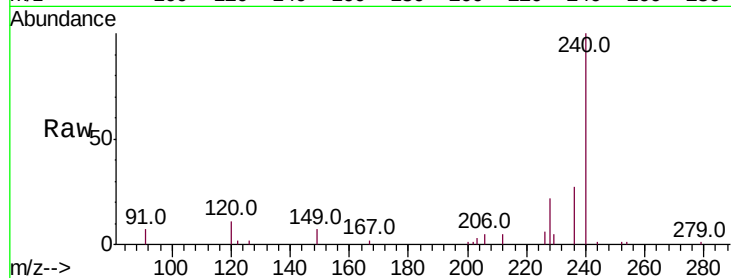
Tot Ion:240 Resp: 15147

Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.7	11.5
236	27.3	21.8	32.6

240 100

120 11.5 7.7 11.5

236 27.3 21.8 32.6



Abundance

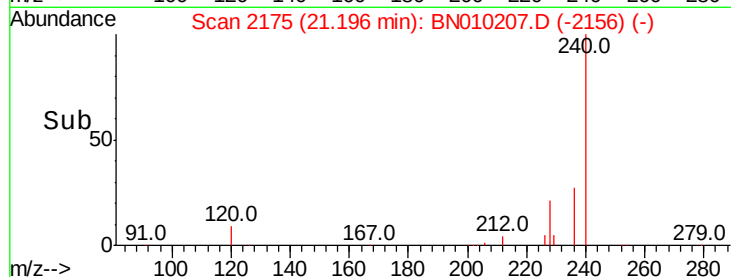
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

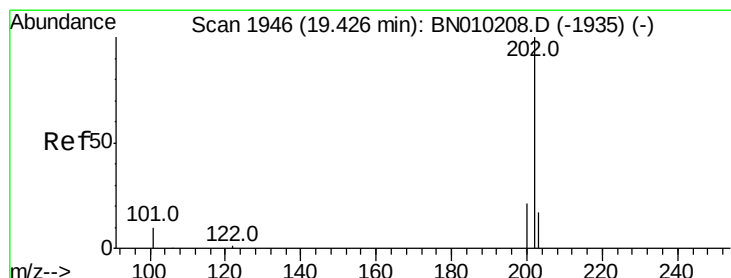
Ion 236.00 (235.70 to 236.70): E

21.20

Time-->



Time-->



#28

Pyrene

Concen: 0.177 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

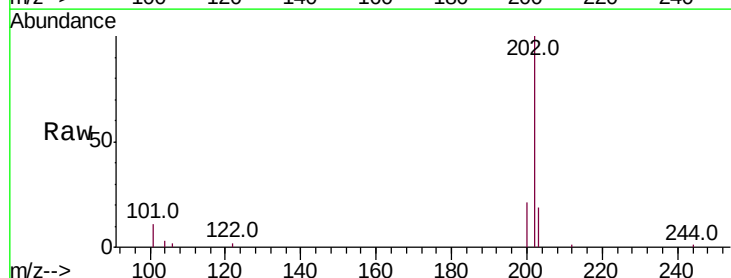
Tgt Ion:202 Resp: 10165

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	18.0	14.1	21.1

202 100

200 20.4 16.6 24.8

203 18.0 14.1 21.1



Abundance

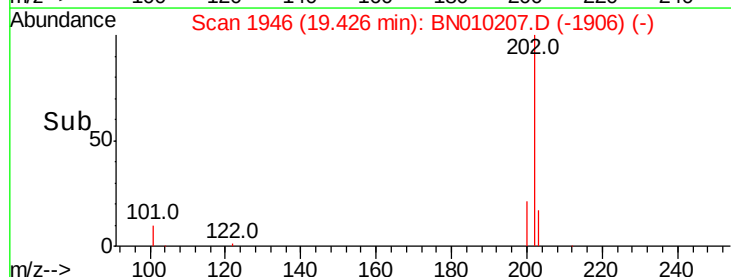
Ion 202.00 (201.70 to 202.70): E

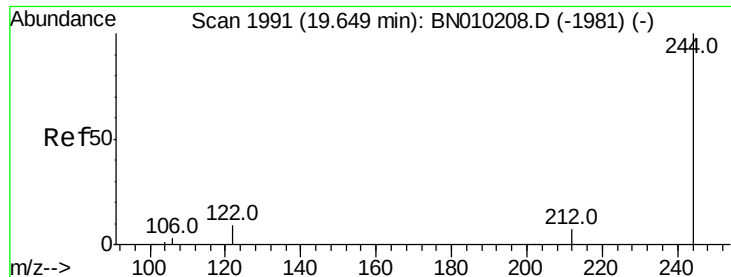
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.43

Time-->





#29

Terphenyl-d14

Concen: 0.193 ng

RT: 19.65 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

Instrument :

BNA_N

ClientSampleId :

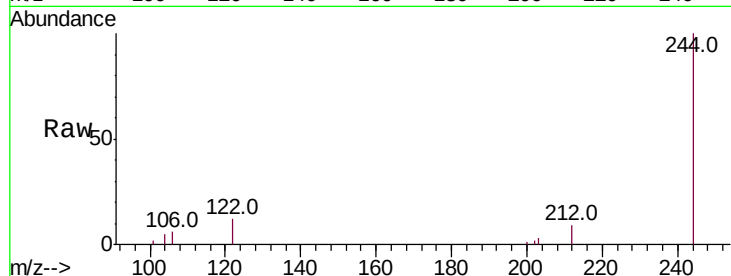
Tot Ion:244 Resp: 6977

Ion Ratio Lower Upper

244 100

212 8.9 6.4 9.6

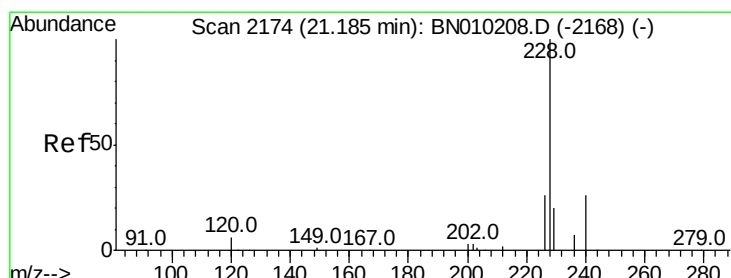
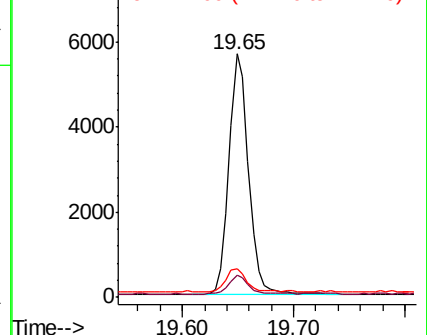
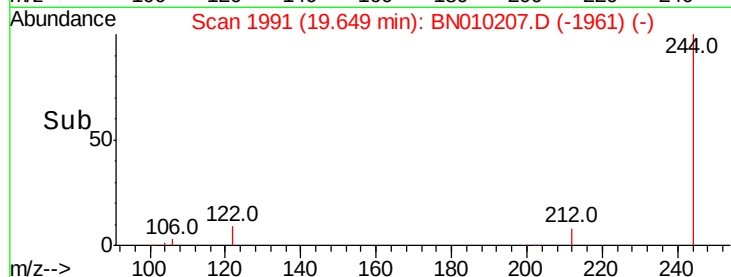
122 11.5 8.1 12.1



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: 0.203 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

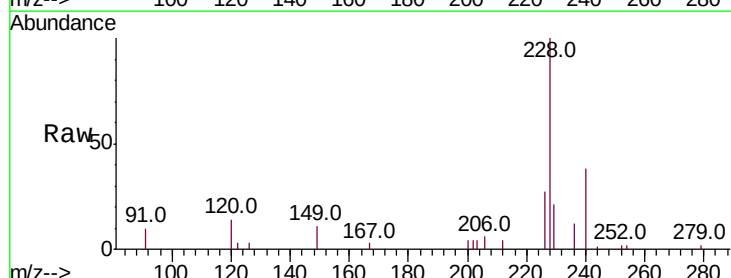
Tgt Ion:228 Resp: 10179

Ion Ratio Lower Upper

228 100

226 27.3 21.1 31.7

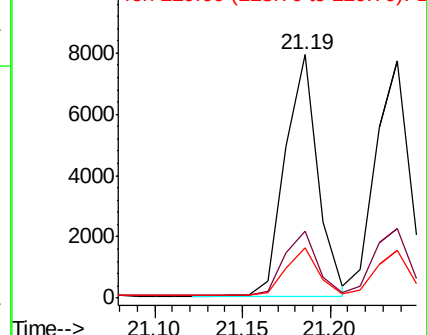
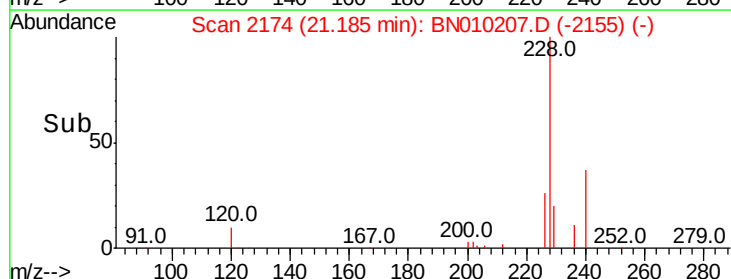
229 20.6 16.2 24.4

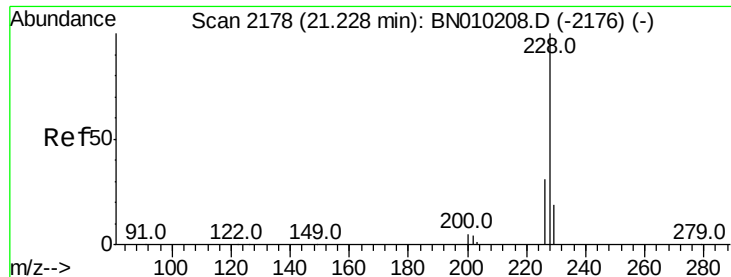


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.180 ng

RT: 21.24 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

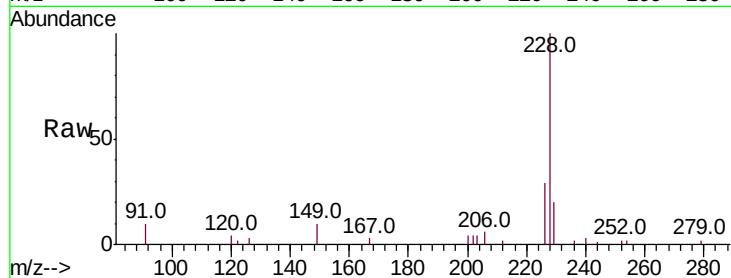
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 10466

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.4
229	20.3	15.7	23.5

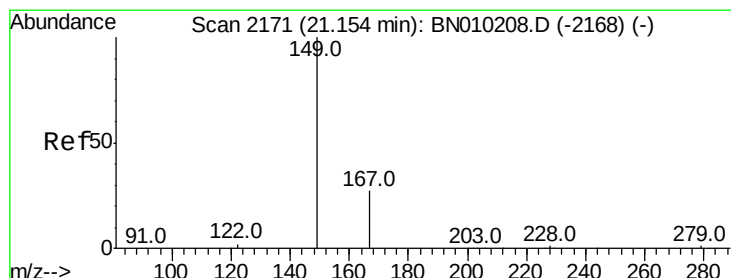
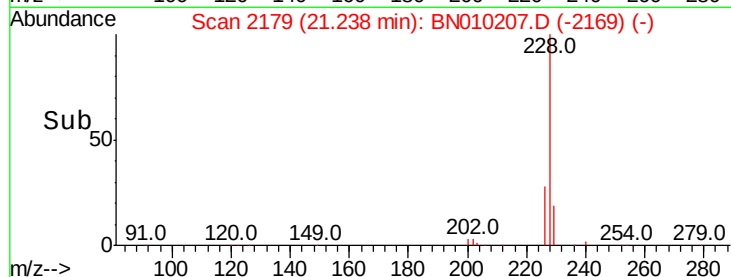
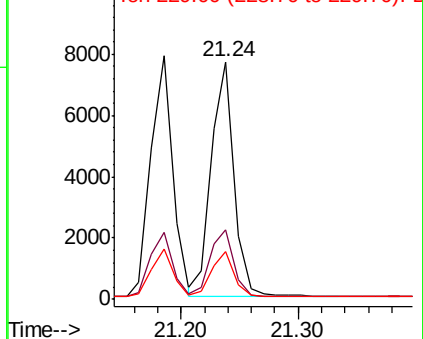


Abundance

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: 0.173 ng

RT: 21.16 min Scan# 2172

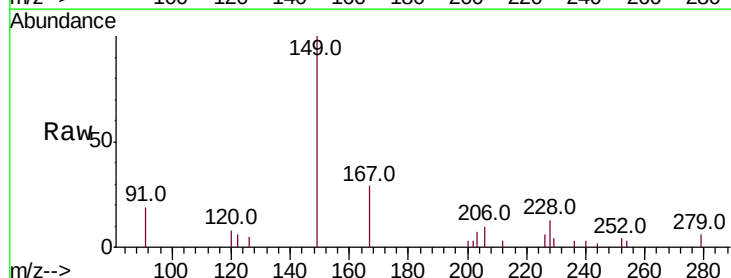
Delta R.T. 0.01 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

Tgt Ion:149 Resp: 4232

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.0	31.4
279	5.0	0.0	0.0#

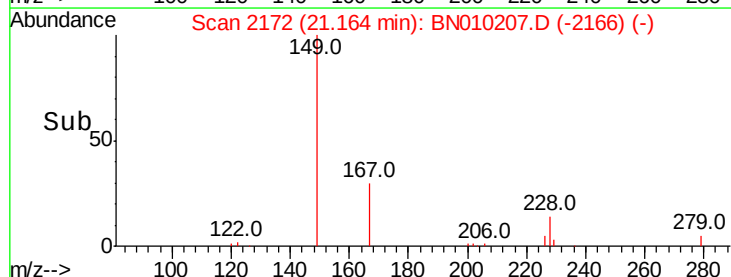
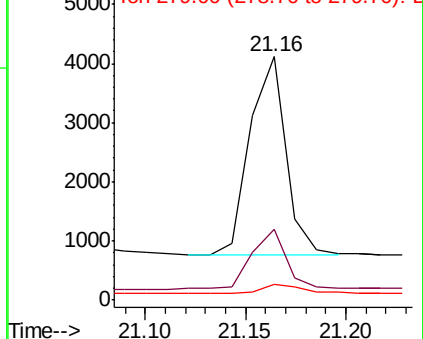


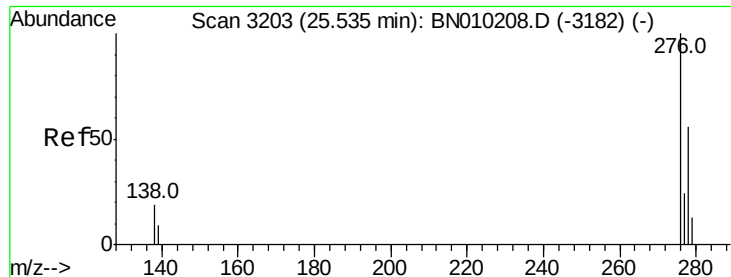
Abundance

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

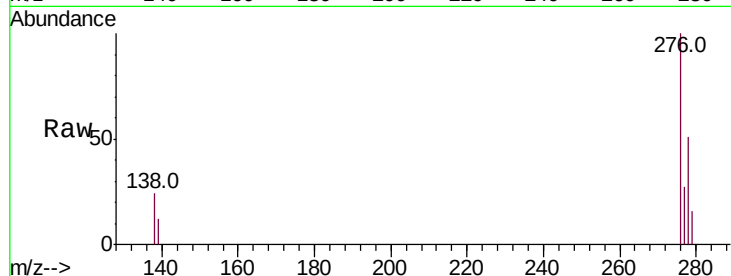




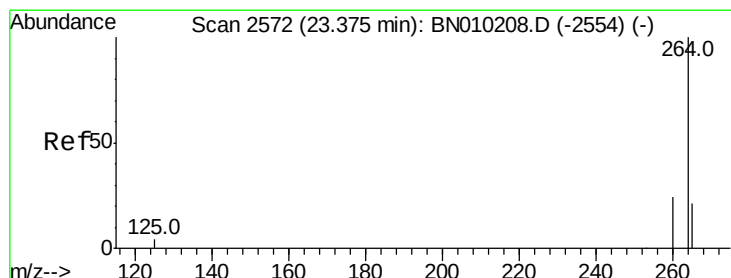
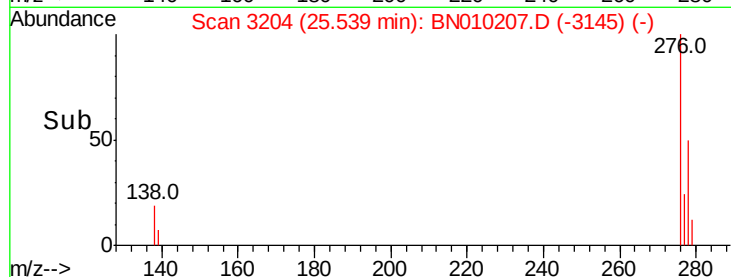
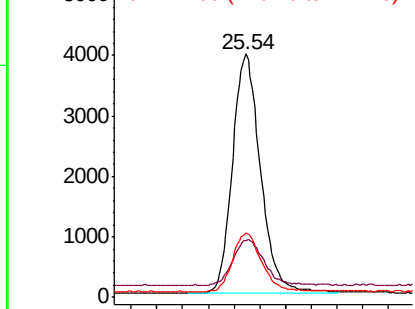
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.201 ng
 RT: 25.54 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: BN010207.D
 Acq: 13 Mar 2020 19:11

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 12153
 Ion Ratio Lower Upper
 276 100
 138 20.7 0.0 0.0#
 277 24.8 0.0 0.0#

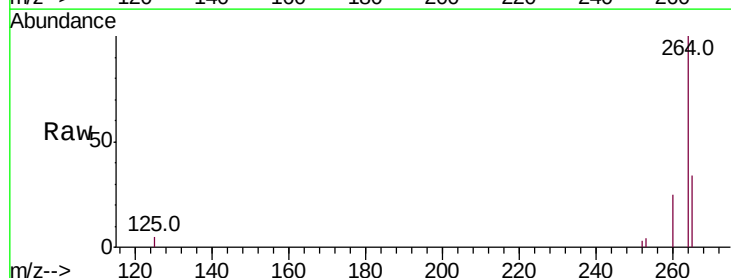


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

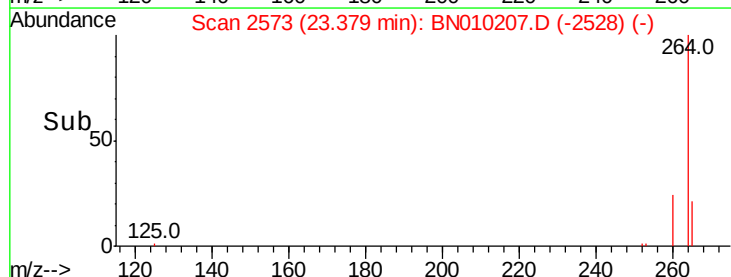
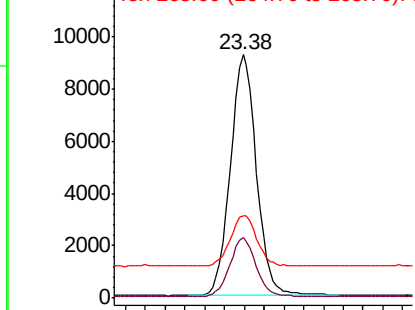


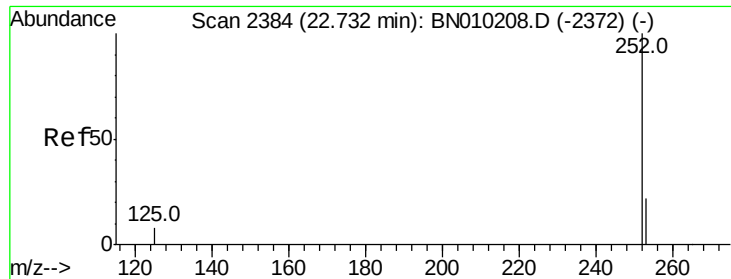
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.38 min Scan# 2573
 Delta R.T. 0.00 min
 Lab File: BN010207.D
 Acq: 13 Mar 2020 19:11

Tgt Ion:264 Resp: 16821
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 33.9 25.8 38.6



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: 0.172 ng

RT: 22.74 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

Instrument :

BNA_N

ClientSampleId :

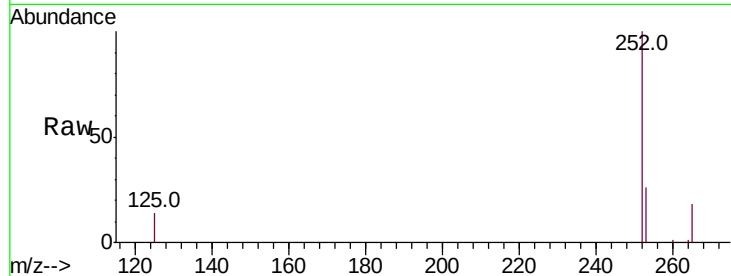
Tot Ion:252 Resp: 10607

Ion Ratio Lower Upper

252 100

253 25.7 18.6 28.0

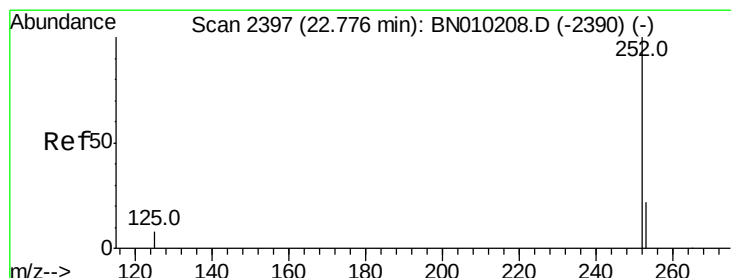
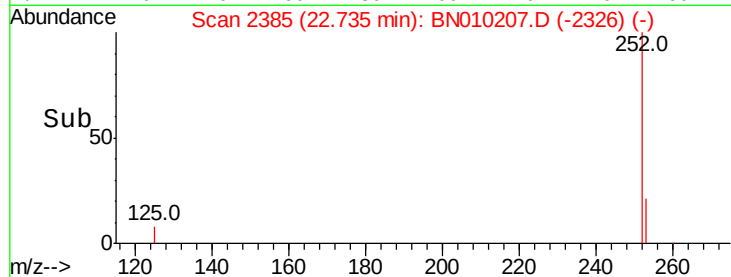
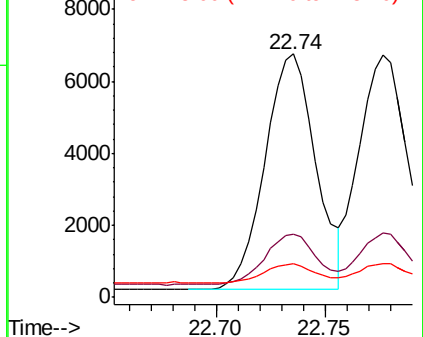
125 13.7 7.9 11.9#



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



#36

Benzo(k)fluoranthene

Concen: 0.158 ng

RT: 22.78 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

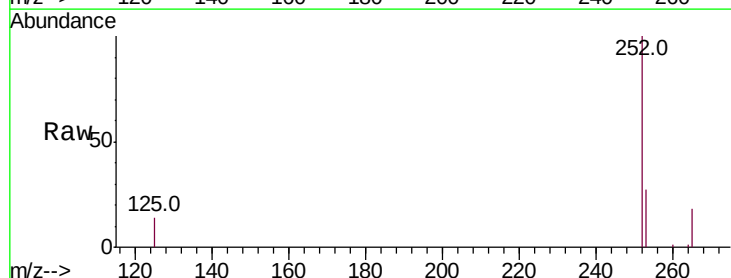
Tgt Ion:252 Resp: 10558

Ion Ratio Lower Upper

252 100

253 26.6 18.8 28.2

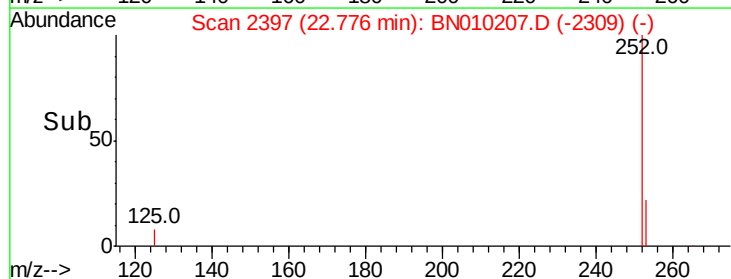
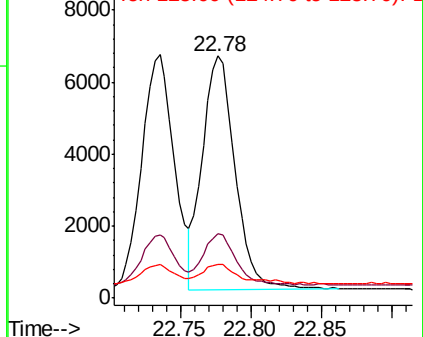
125 13.9 8.2 12.4#

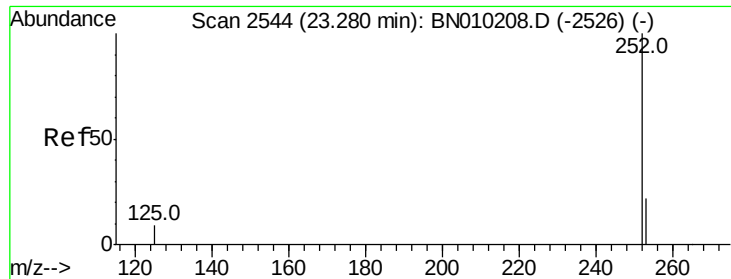


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.176 ng

RT: 23.28 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

Instrument :

BNA_N

ClientSampleId :

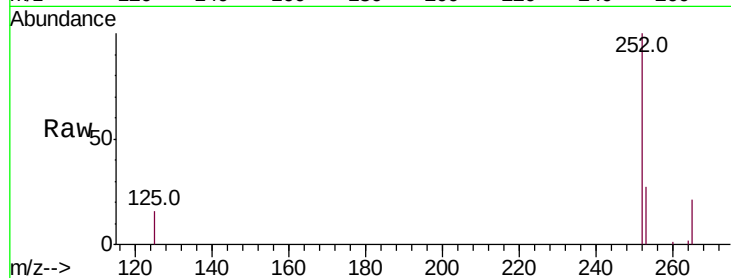
Tot Ion:252 Resp: 9876

Ion Ratio Lower Upper

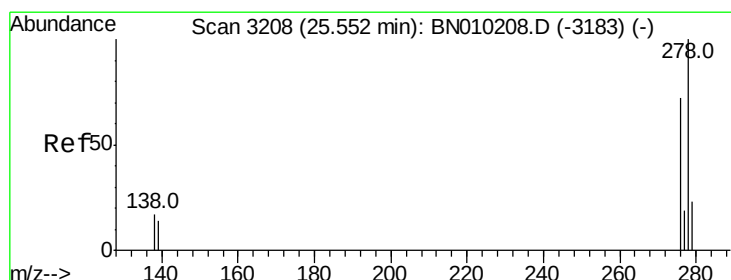
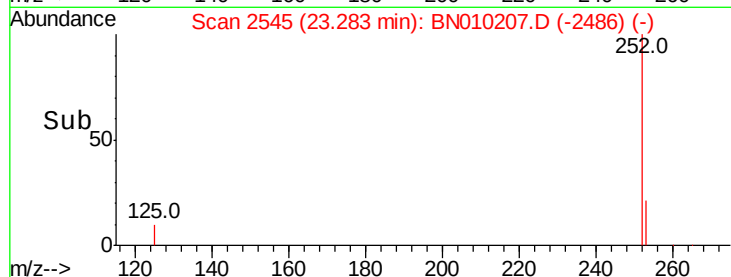
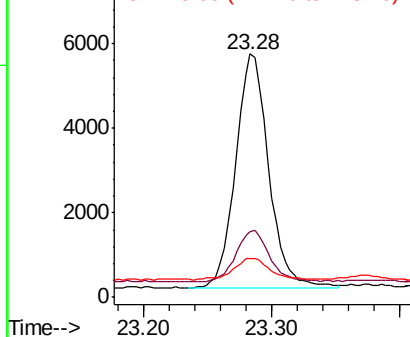
252 100

253 27.0 19.1 28.7

125 15.9 9.2 13.8#



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: 0.179 ng

RT: 25.56 min Scan# 3210

Delta R.T. 0.01 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

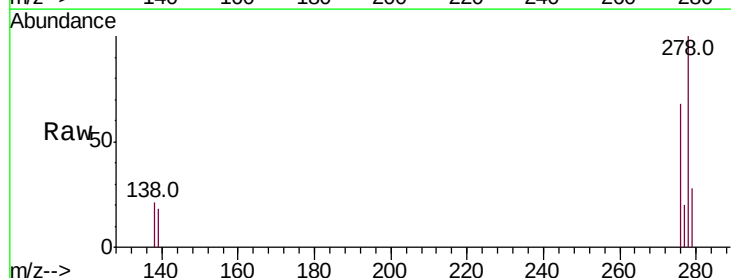
Tgt Ion:278 Resp: 9899

Ion Ratio Lower Upper

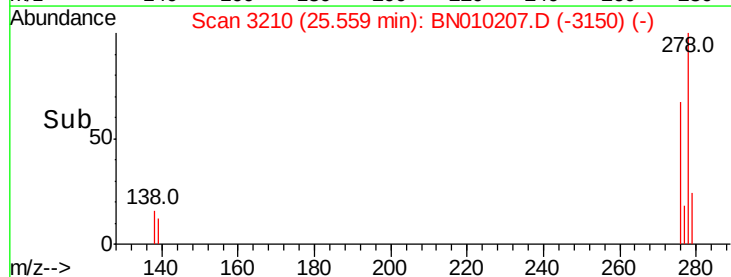
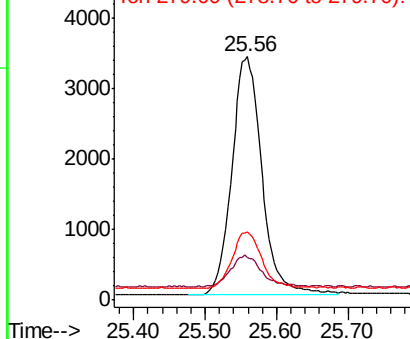
278 100

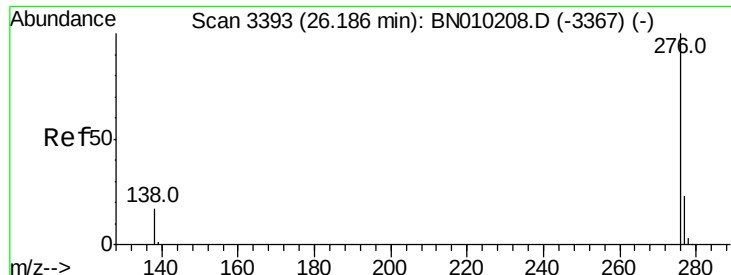
139 17.7 12.4 18.6

279 28.0 20.2 30.2



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: 0.169 ng

RT: 26.19 min Scan# 3394

Delta R.T. 0.00 min

Lab File: BN010207.D

Acq: 13 Mar 2020 19:11

Instrument :

BNA_N

ClientSampleId :

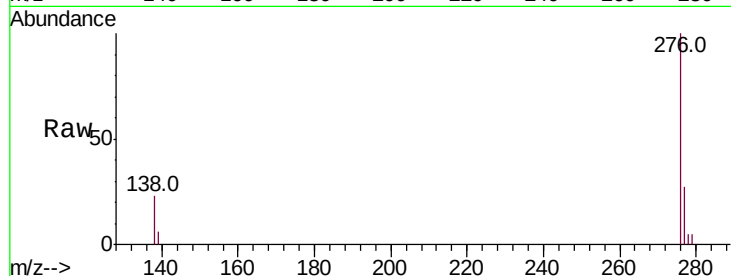
Tot Ion:276 Resp: 9948

Ion Ratio Lower Upper

276 100

277 26.8 19.4 29.2

138 23.1 15.4 23.2



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

