

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010875.D
 Acq On : 15 Jun 2020 15:51
 Operator : CG/JU
 Sample : SP5148
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5148

Quant Time: Jun 15 17:09:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3174	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	11066	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	5669	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	10095	0.40	ng	0.00
27) Chrysene-d12	21.13	240	7859	0.40	ng	0.00
34) Perylene-d12	23.28	264	8481	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	0.00	112	0d	0.00	ng	
5) Phenol-d6	0.00	99	0d	0.00	ng	
8) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
11) 2-Methylnaphthalene-d10	0.00	152	0d	0.00	ng	
14) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
15) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
25) Fluoranthene-d10	0.00	212	0d	0.00	ng	
29) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

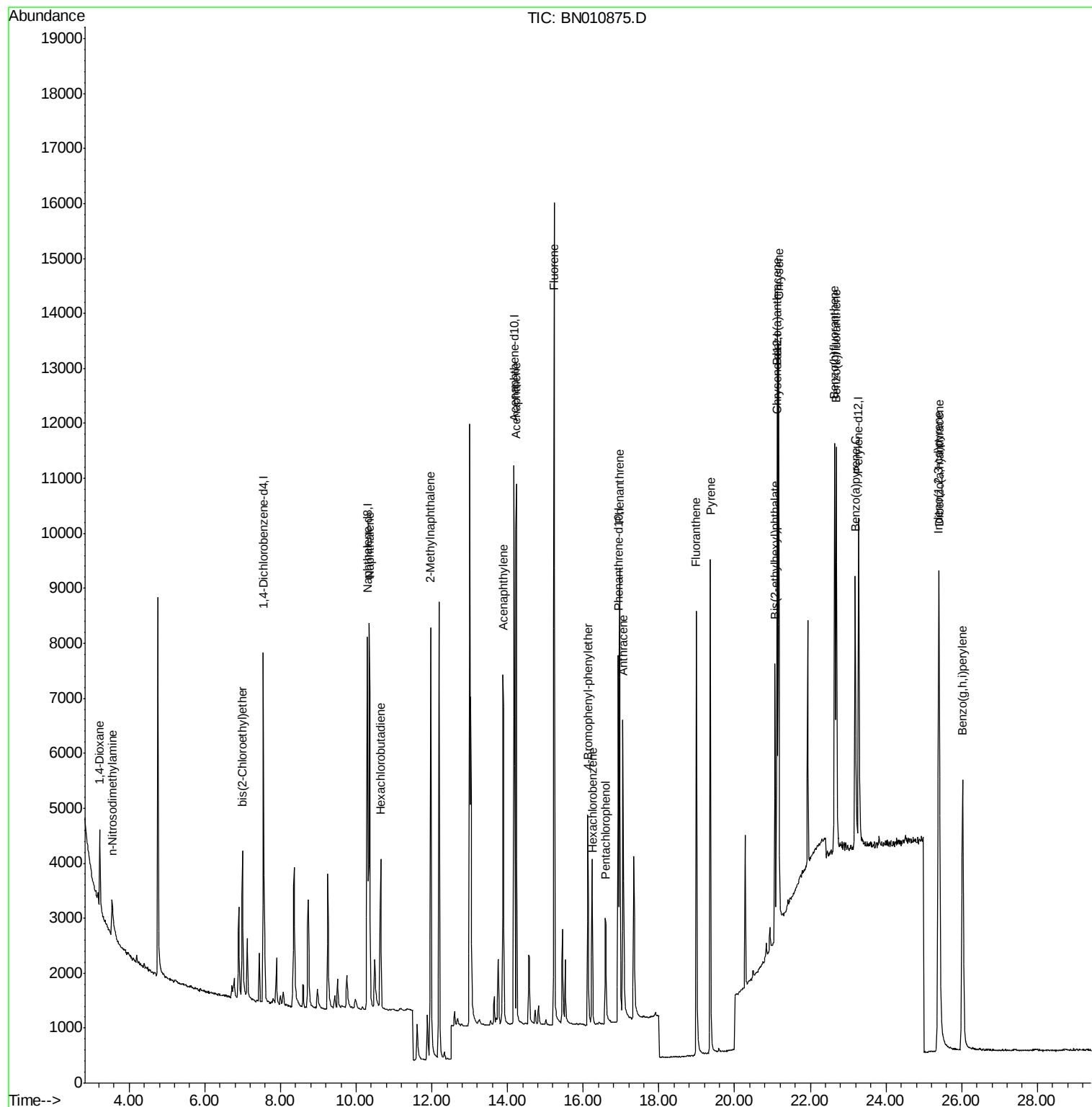
						Qvalue
2) 1,4-Dioxane	3.22	88	1167	0.375	ng	# 82
3) n-Nitrosodimethylamine	3.55	42	680	0.376	ng	# 97
6) bis(2-Chloroethyl)ether	6.99	93	2837	0.403	ng	94
9) Naphthalene	10.34	128	9969	0.358	ng	100
10) Hexachlorobutadiene	10.65	225	2245	0.327	ng	# 99
12) 2-Methylnaphthalene	11.97	142	6656	0.358	ng	99
16) Acenaphthylene	13.88	152	8297	0.357	ng	100
17) Acenaphthene	14.24	154	5578	0.352	ng	98
18) Fluorene	15.23	166	6808	0.333	ng	100
20) 4-Bromophenyl-phenylether	16.12	248	2038	0.336	ng	# 87
21) Hexachlorobenzene	16.24	284	2349	0.371	ng	98
22) Pentachlorophenol	16.59	266	1380	0.650	ng	97
23) Phenanthrene	16.96	178	9381	0.340	ng	99
24) Anthracene	17.06	178	7917	0.344	ng	99
26) Fluoranthene	18.99	202	9167	0.293	ng	98
28) Pyrene	19.36	202	9235	0.355	ng	99
30) Benzo(a)anthracene	21.11	228	8085	0.350	ng	98
31) Chrysene	21.16	228	8872	0.330	ng	99
32) Bis(2-ethylhexyl)phthalate	21.07	149	2883	0.374	ng	97
33) Indeno(1,2,3-cd)pyrene	25.39	276	11792	0.392	ng	# 97
35) Benzo(b)fluoranthene	22.64	252	9191	0.319	ng	# 97
36) Benzo(k)fluoranthene	22.68	252	9955	0.324	ng	# 96
37) Benzo(a)pyrene	23.19	252	8011	0.324	ng	98
38) Dibenzo(a,h)anthracene	25.41	278	9670	0.343	ng	98
39) Benzo(g,h,i)perylene	26.02	276	10746	0.364	ng	98

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

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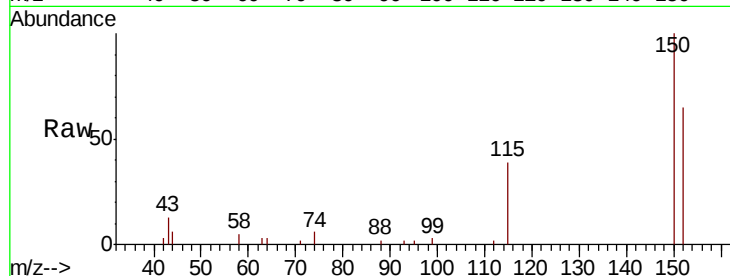


#1

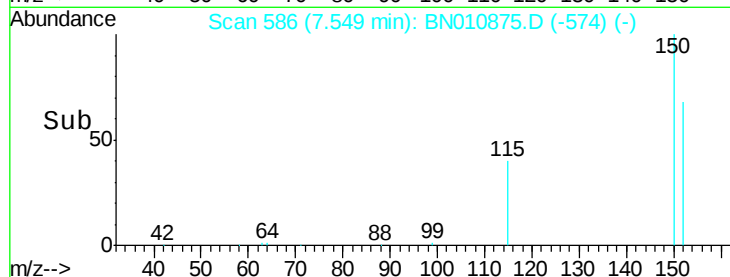
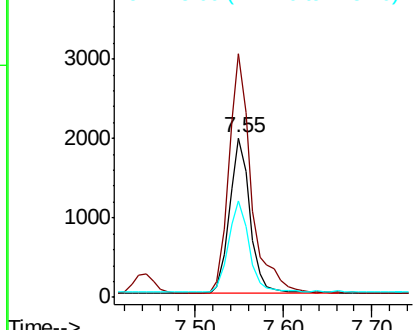
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010875.D
Acq: 15 Jun 2020 15:51

Instrument :
BNA_N
ClientSampleId :
SP5148

Tot Ion:152 Resp: 3174
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 60.2 49.2 73.8



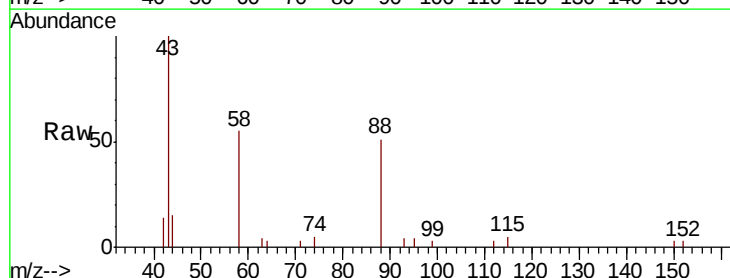
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



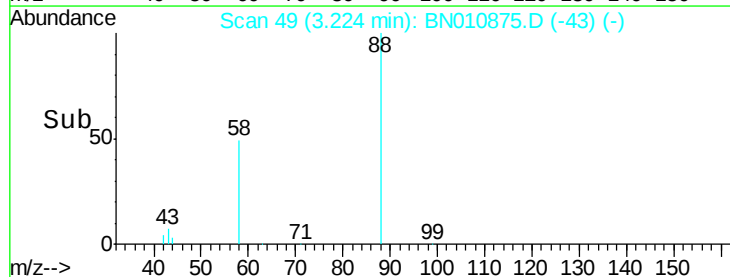
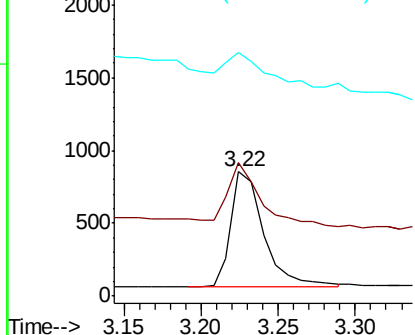
#2

1,4-Dioxane
Concen: 0.375 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010875.D
Acq: 15 Jun 2020 15:51

Tgt Ion: 88 Resp: 1167
Ion Ratio Lower Upper
88 100
58 55.6 38.2 57.4
43 33.5 15.1 22.7#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC

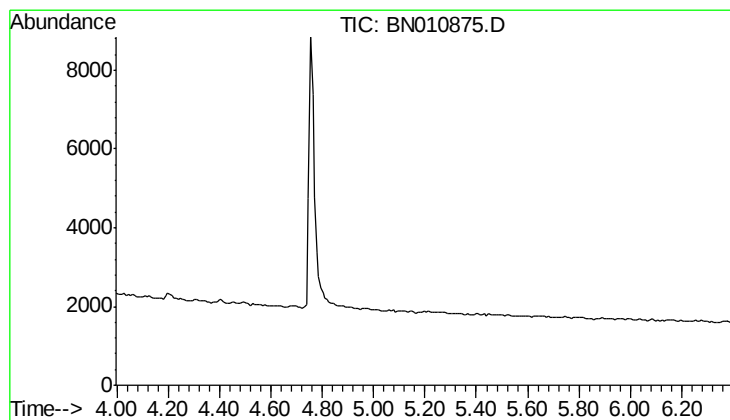
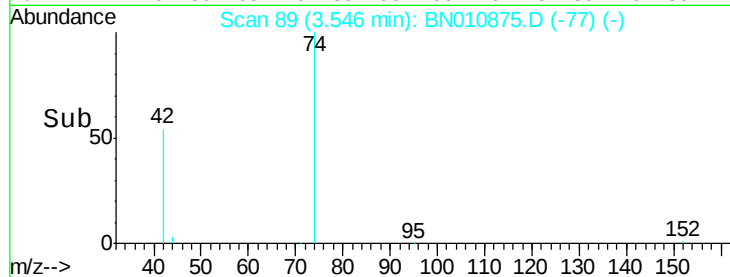
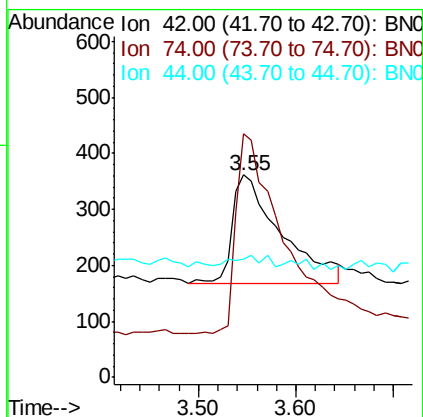
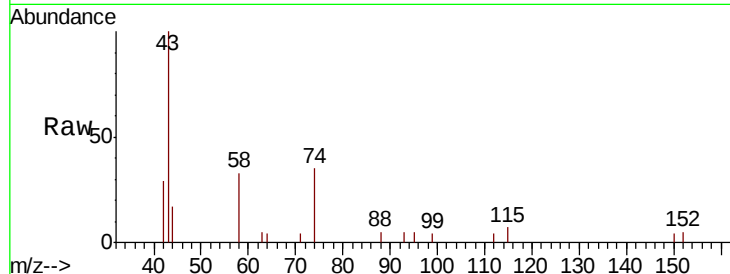




#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.55 min Scan# 89
Delta R.T. 0.00 min
Lab File: BN010875.D
Acq: 15 Jun 2020 15:51

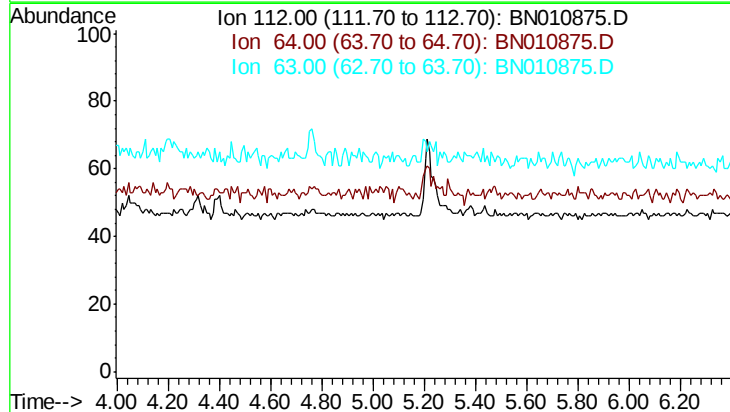
Instrument :
BNA_N
ClientSampleId :
SP5148

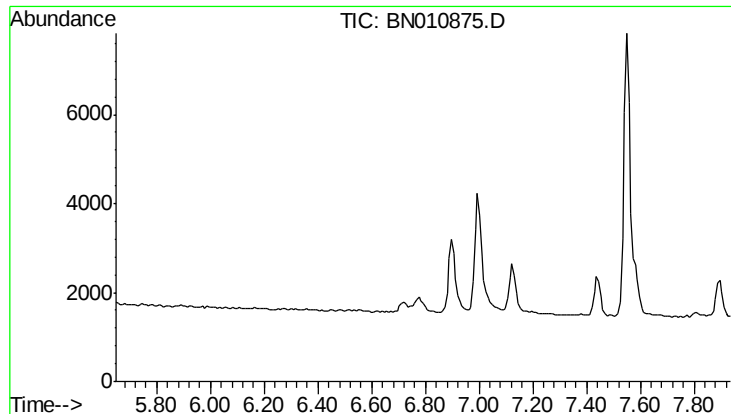
Tot Ion: 42 Resp: 680
Ion Ratio Lower Upper
42 100
74 179.7 140.7 211.1
44 7.1 1.4 2.2#



#4
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.20 min
Lab File: BN010875.D
Acq: 15 Jun 2020 15:51

Tgt Ion: 112
Sig Exp Ratio
112 100
64 46.7
63 27.8





#5

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.74 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SP5148

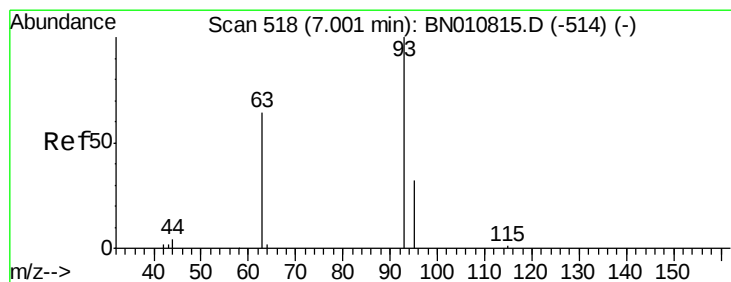
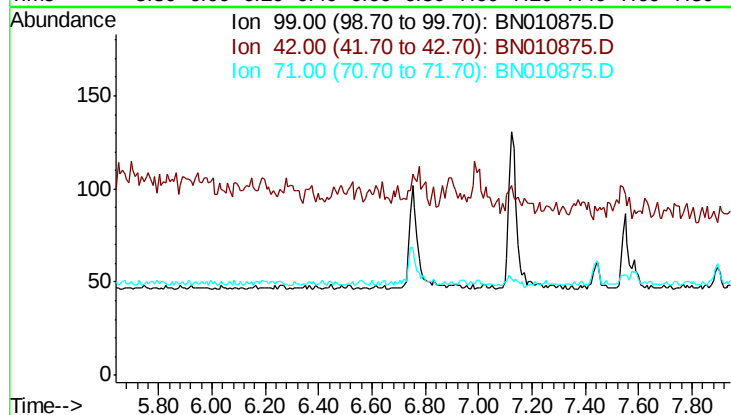
Tot Ion: 99

Sig Exp Ratio

99 100

42 13.9

71 39.3



#6

bis(2-Chloroethyl)ether

Concen: 0.403 ng

RT: 6.99 min Scan# 517

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

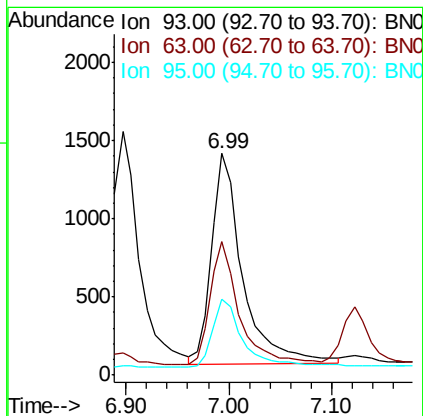
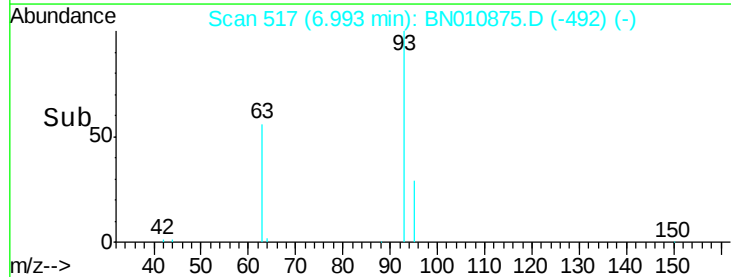
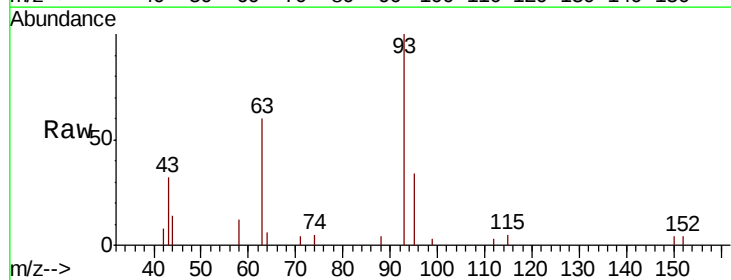
Tgt Ion: 93 Resp: 2837

Ion Ratio Lower Upper

93 100

63 55.3 49.4 74.2

95 32.3 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SP5148

Tot Ion:136 Resp: 11066

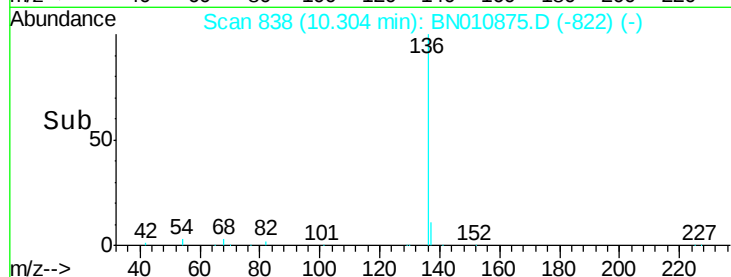
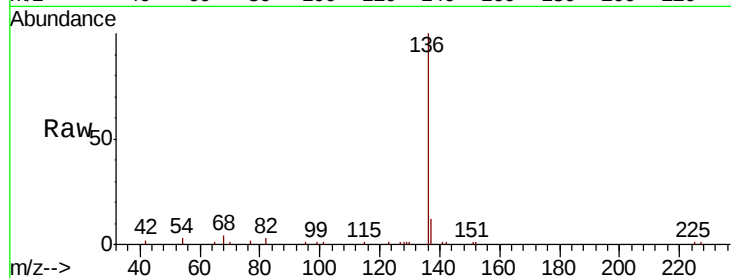
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 3.4 4.9 7.3#

68 3.7 4.7 7.1#

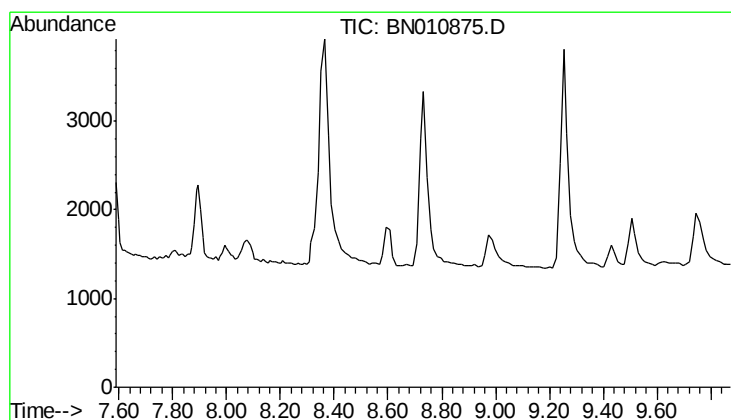
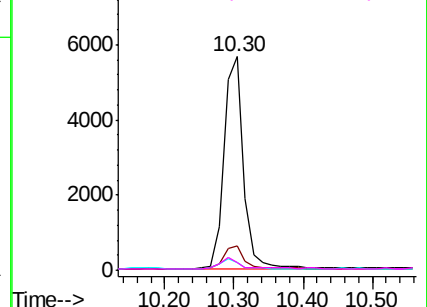


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0



#8

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.68 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

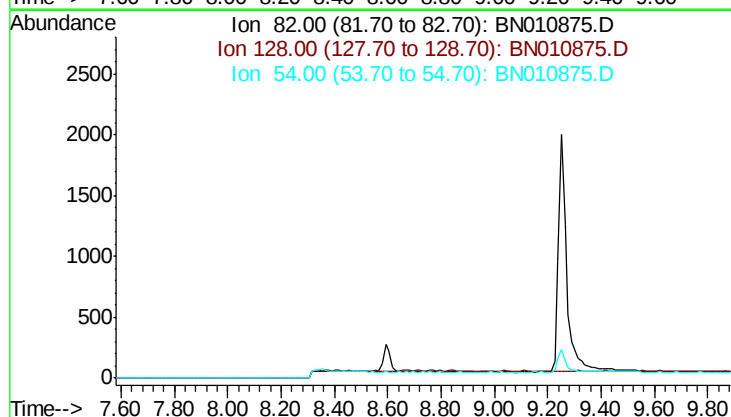
Tgt Ion: 82

Sig Exp Ratio

82 100

128 44.2

54 35.3





#9

Naphthalene

Concen: 0.358 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SP5148

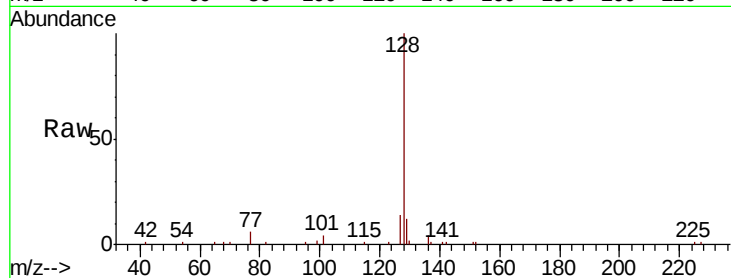
Tot Ion:128 Resp: 9969

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

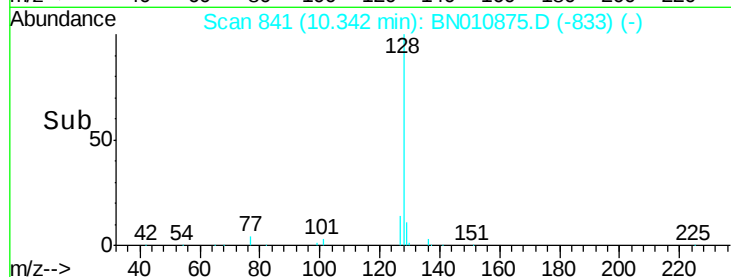
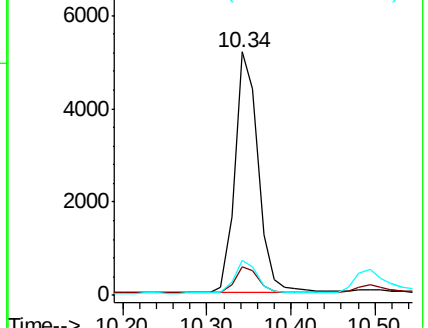
127 14.3 11.4 17.2



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: 0.327 ng

RT: 10.65 min Scan# 865

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

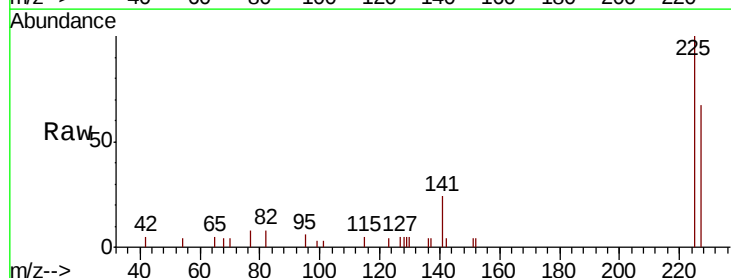
Tgt Ion:225 Resp: 2245

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

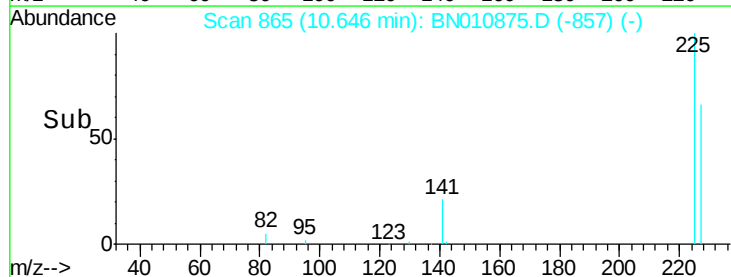
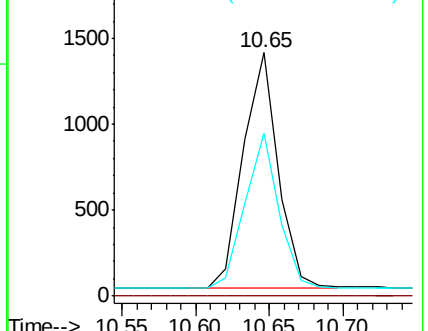
227 64.1 50.5 75.7

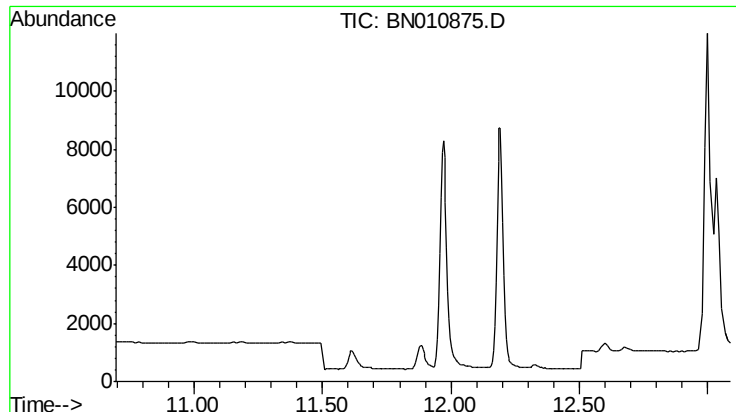


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

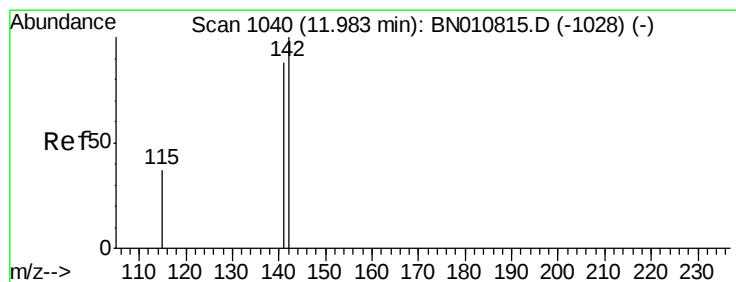
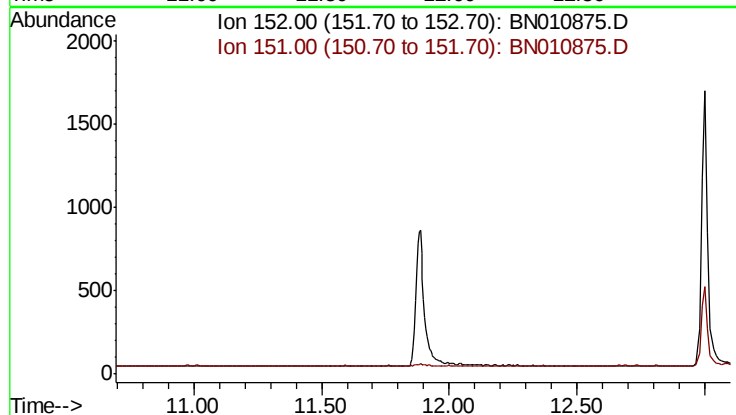




#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 Expected RT: 11.89 min
 Lab File: BN010875.D
 Acq: 15 Jun 2020 15:51

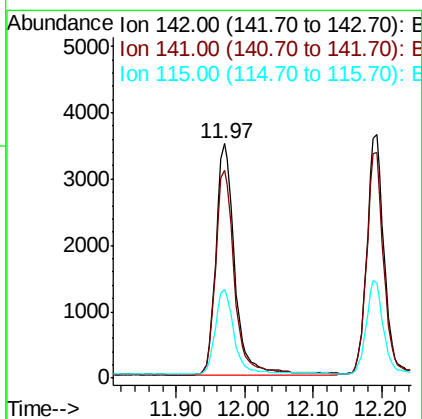
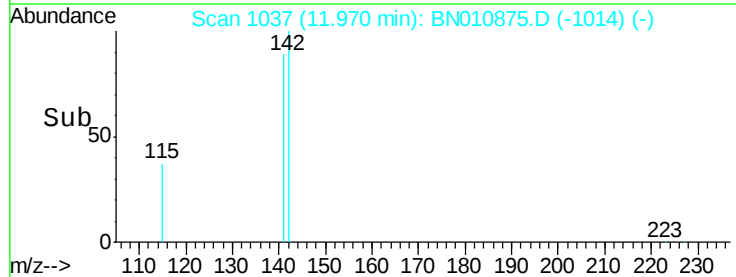
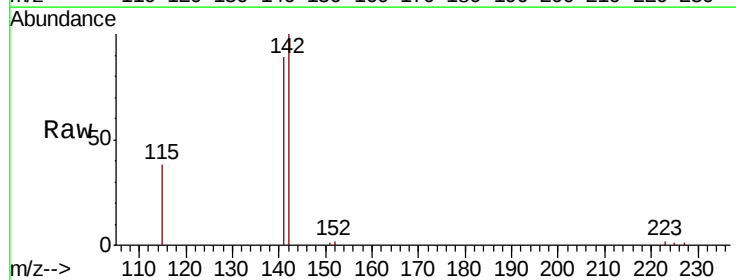
Instrument :
 BNA_N
 ClientSampleId :
 SP5148

Tot Ion: 152
 Sig Exp Ratio
 152 100
 151 19.1



#12
 2-Methylnaphthalene
 Concen: 0.358 ng
 RT: 11.97 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BN010875.D
 Acq: 15 Jun 2020 15:51

Tgt Ion: 142 Resp: 6656
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.8 106.2
 115 38.1 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: BN010875.D

Acq: 15 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SP5148

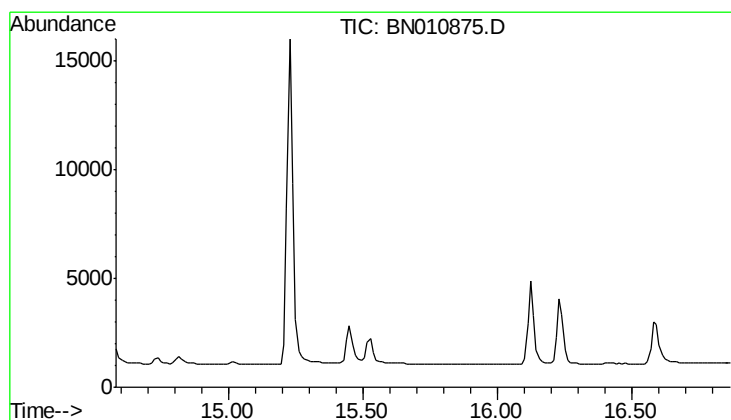
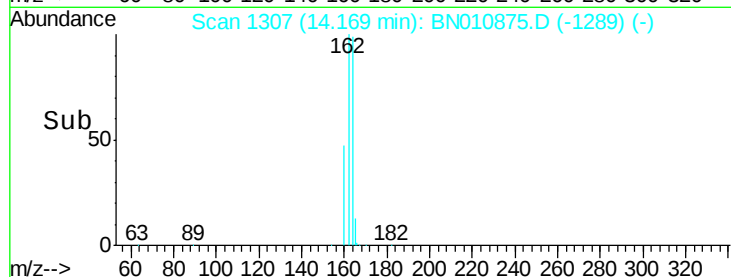
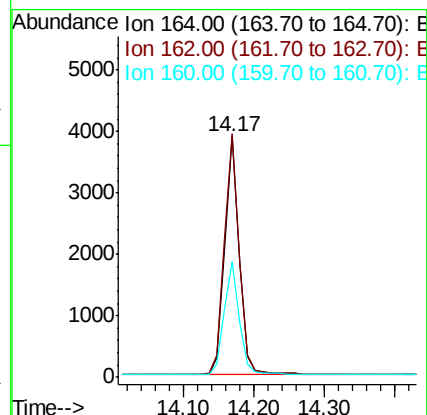
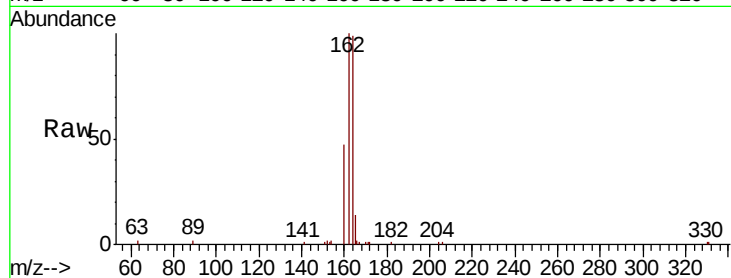
Tot Ion:164 Resp: 5669

Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.6

160 47.9 38.9 58.3



#14

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.67 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

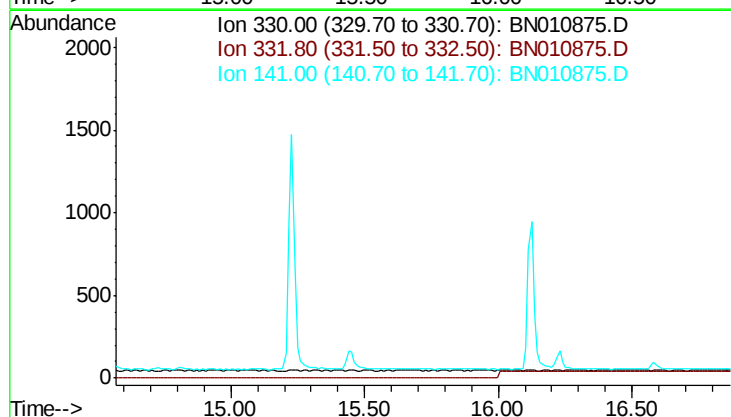
Tgt Ion: 330

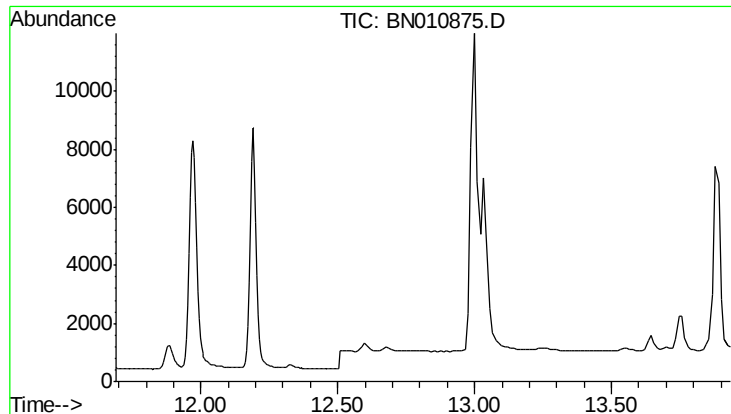
Sig Exp Ratio

330 100

332 0.0

141 41.5

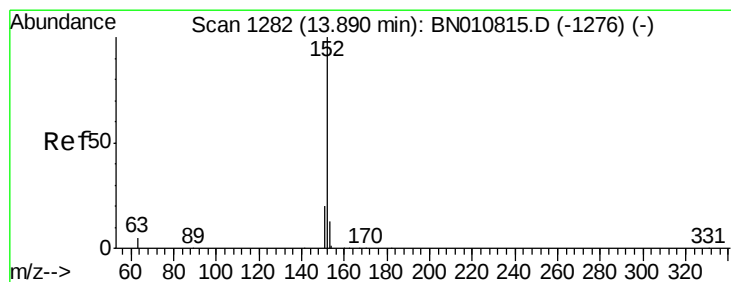
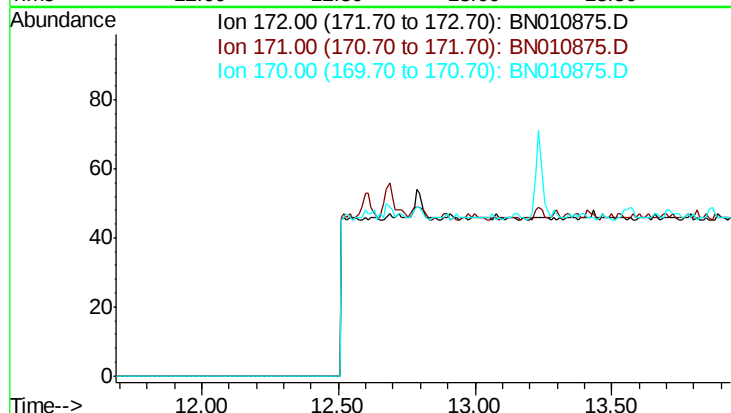




#15
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.79 min
Lab File: BN010875.D
Acq: 15 Jun 2020 15:51

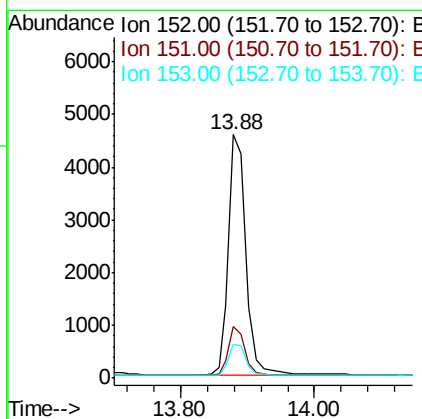
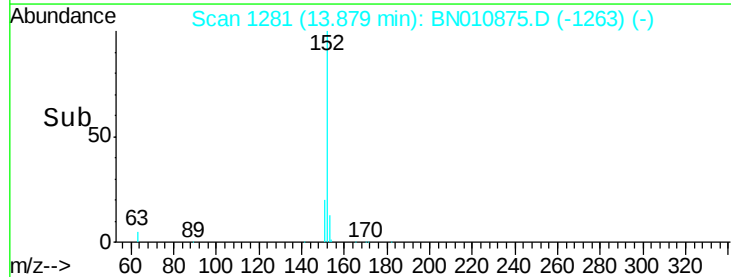
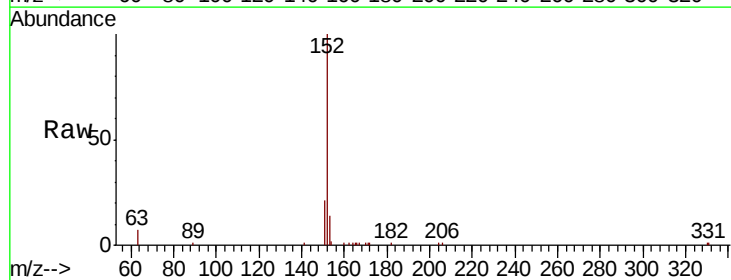
Instrument :
BNA_N
ClientSampleId :
SP5148

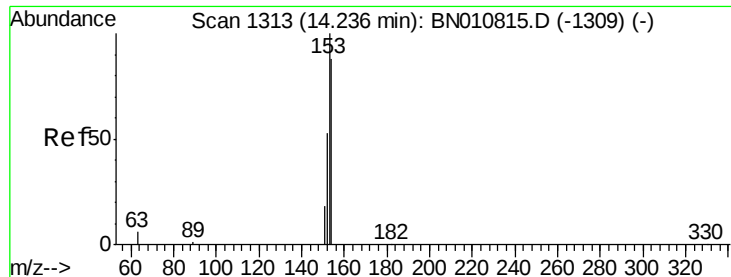
Tot Ion: 172
Sig Exp Ratio
172 100
171 35.6
170 24.6



#16
Acenaphthylene
Concen: 0.357 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010875.D
Acq: 15 Jun 2020 15:51

Tgt Ion: 152 Resp: 8297
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 13.3 10.6 16.0





#17

Acenaphthene

Concen: 0.352 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SP5148

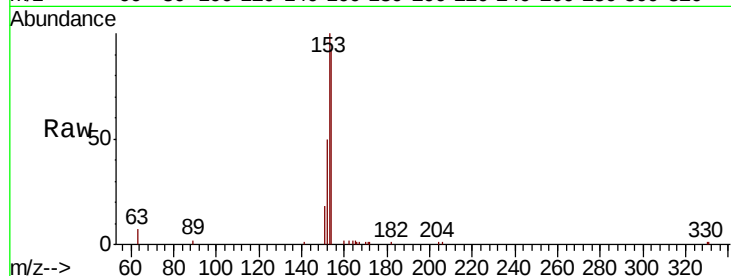
Tot Ion:154 Resp: 5578

Ion Ratio Lower Upper

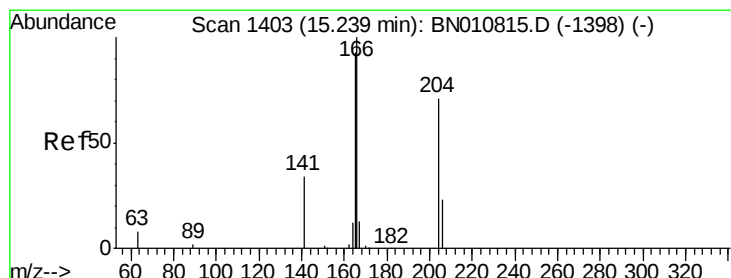
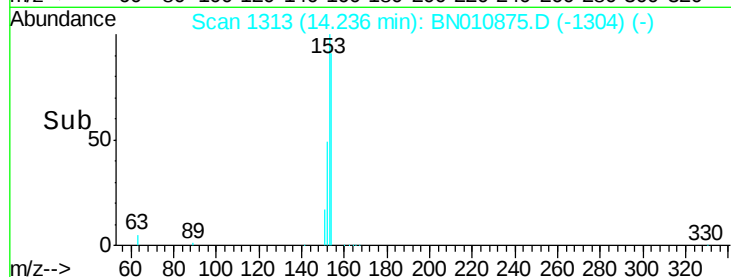
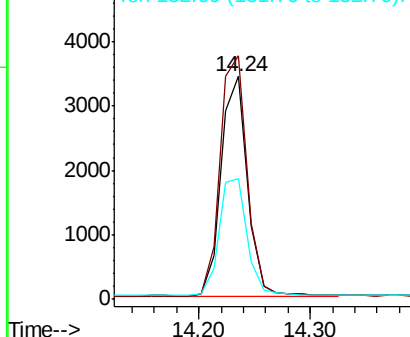
154 100

153 112.9 91.8 137.6

152 57.1 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: 0.333 ng

RT: 15.23 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

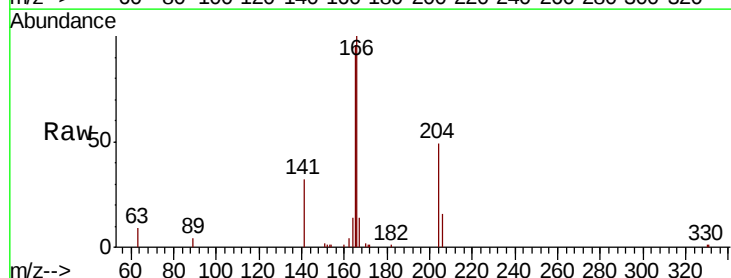
Tgt Ion:166 Resp: 6808

Ion Ratio Lower Upper

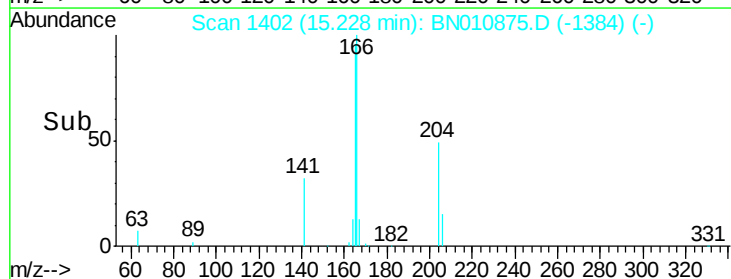
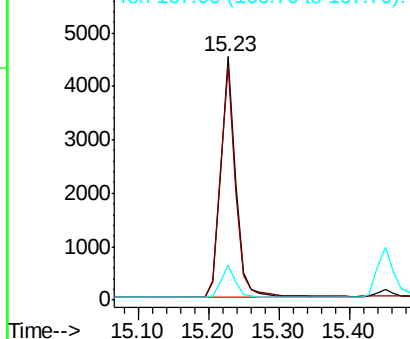
166 100

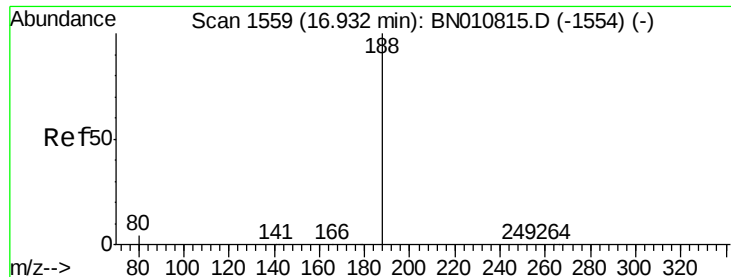
165 96.7 77.2 115.8

167 13.6 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SP5148

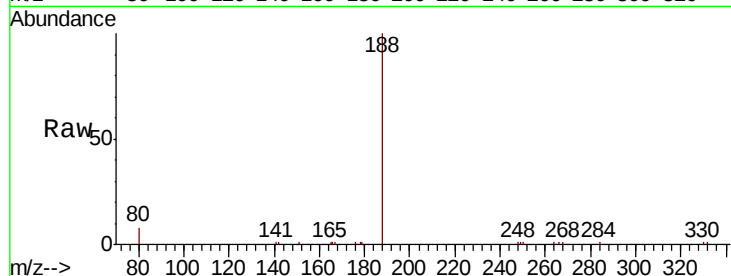
Tot Ion:188 Resp: 10095

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

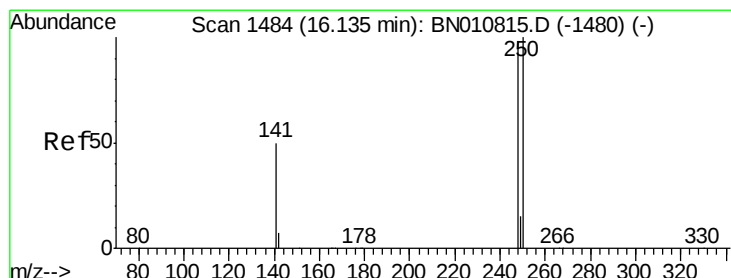
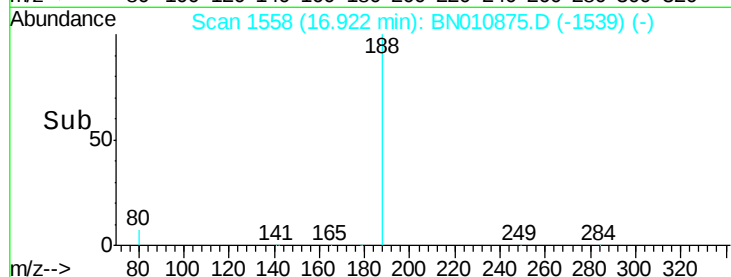
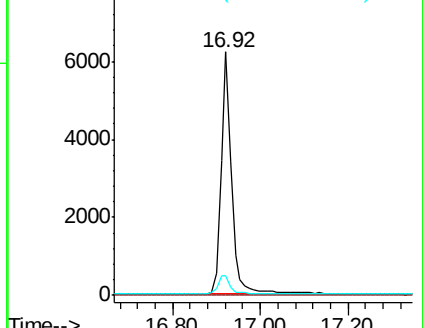
80 8.1 4.5 6.7#



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: 0.336 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

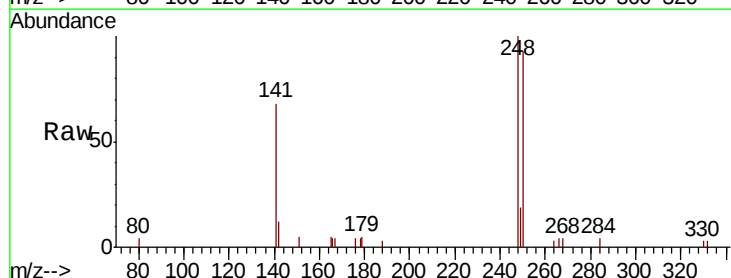
Tgt Ion:248 Resp: 2038

Ion Ratio Lower Upper

248 100

250 92.9 81.8 122.8

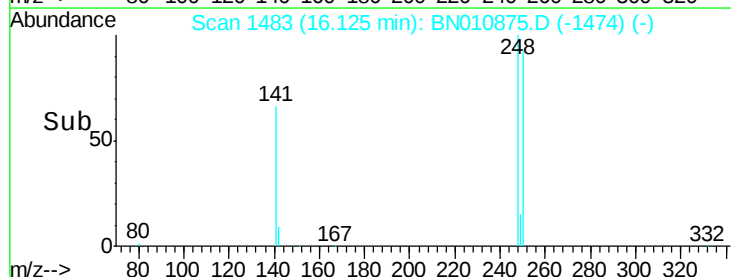
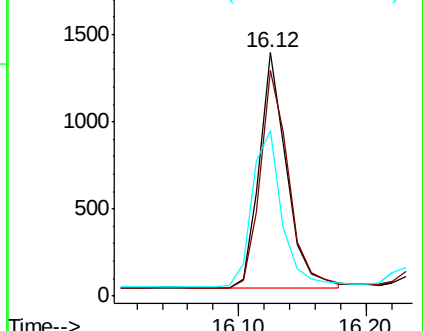
141 67.9 42.6 64.0#

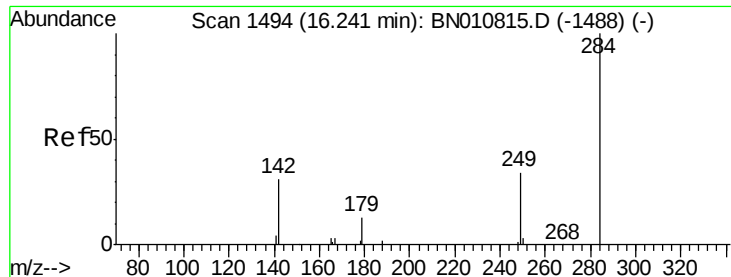


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.371 ng

RT: 16.24 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SP5148

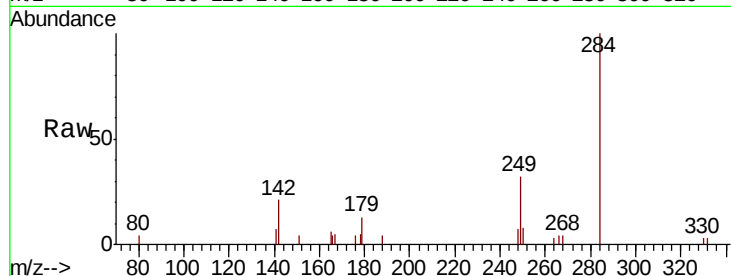
Tot Ion:284 Resp: 2349

Ion Ratio Lower Upper

284 100

142 37.0 31.0 46.4

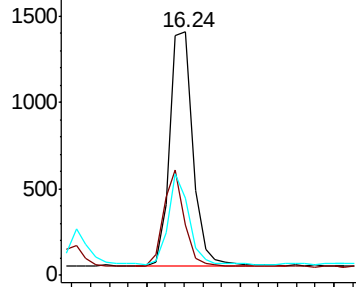
249 33.7 27.1 40.7



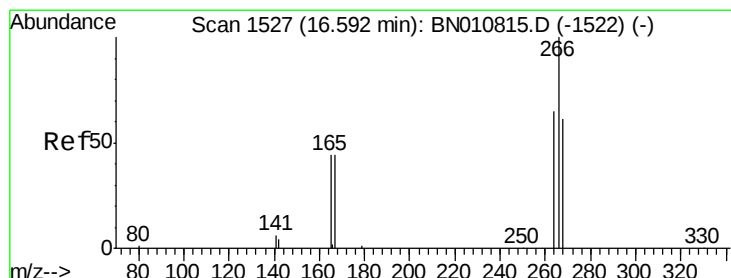
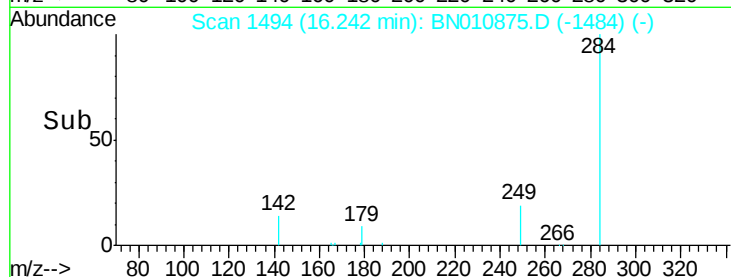
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.650 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.01 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

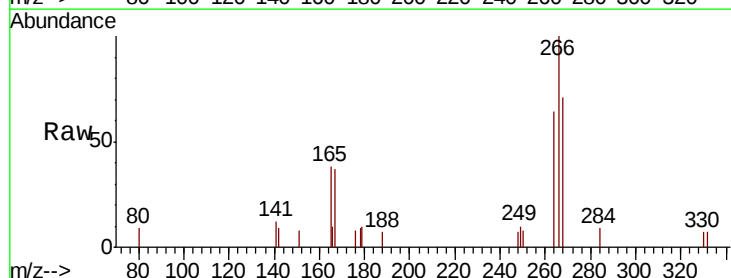
Tgt Ion:266 Resp: 1380

Ion Ratio Lower Upper

266 100

264 64.1 54.8 82.2

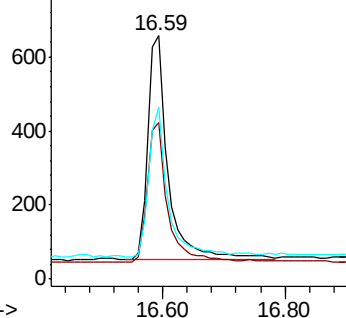
268 70.7 55.9 83.9



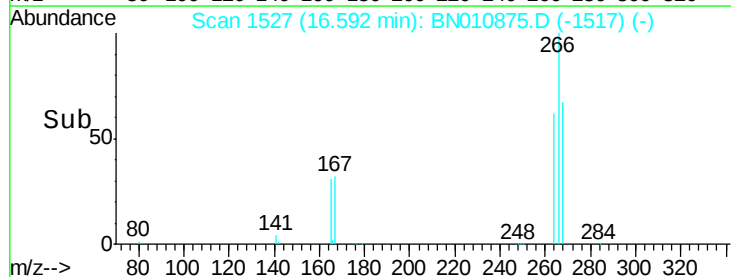
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.340 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SP5148

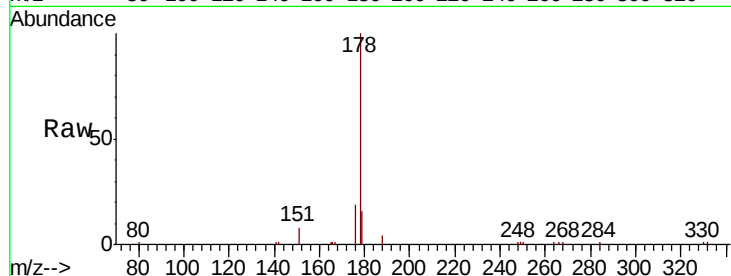
Tot Ion:178 Resp: 9381

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

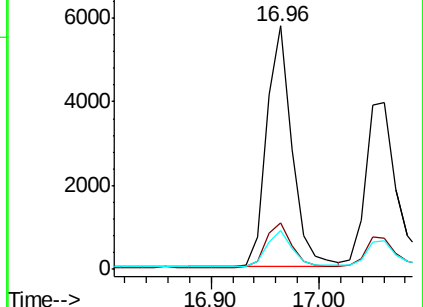
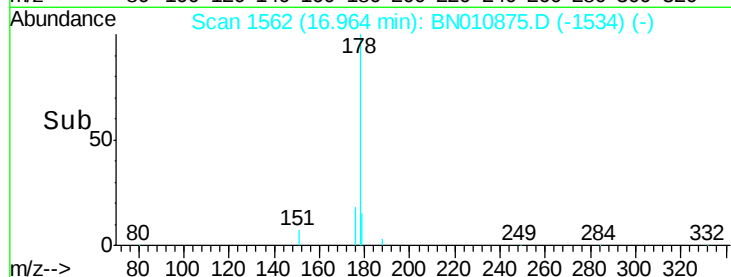
179 15.3 12.6 19.0



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: 0.344 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

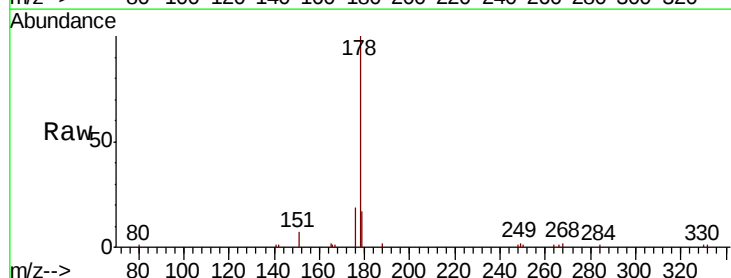
Tgt Ion:178 Resp: 7917

Ion Ratio Lower Upper

178 100

176 17.7 14.6 22.0

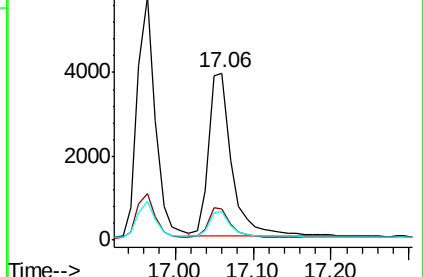
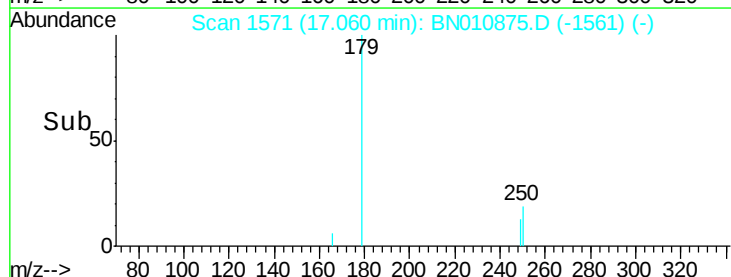
179 14.9 12.3 18.5

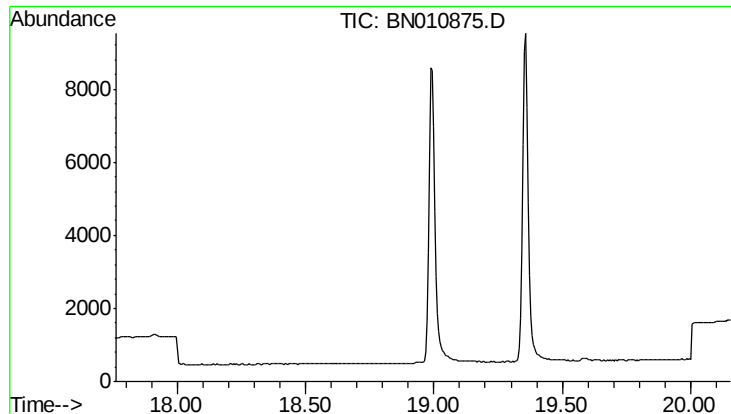


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.000 ng

Expected RT: 18.96 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SP5148

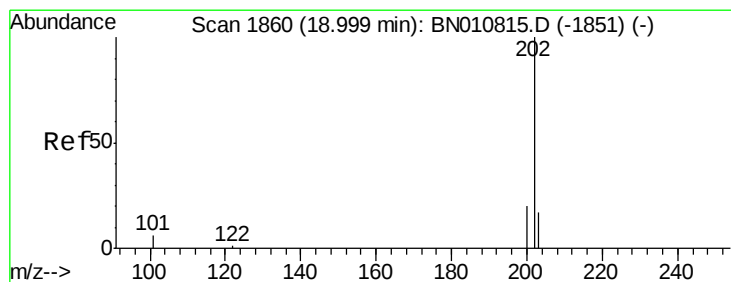
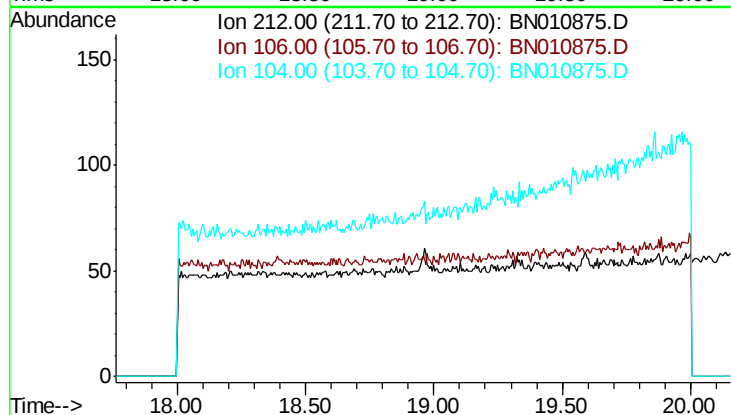
Tot Ion: 212

Sig Exp Ratio

212 100

106 8.3

104 5.0



#26

Fluoranthene

Concen: 0.293 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

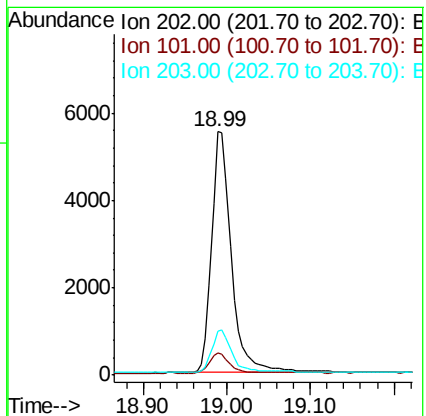
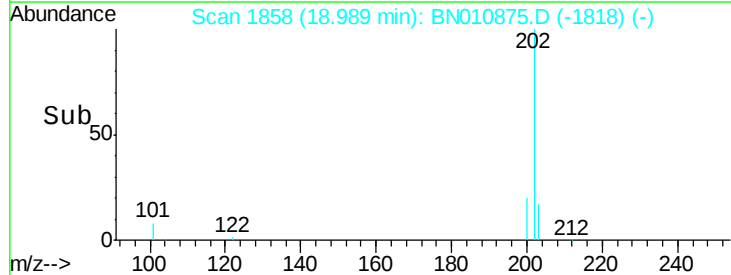
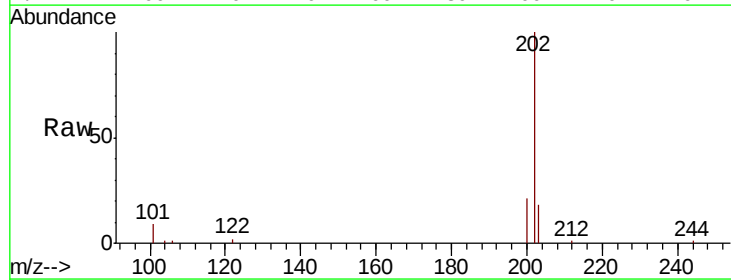
Tgt Ion: 202 Resp: 9167

Ion Ratio Lower Upper

202 100

101 8.3 5.8 8.6

203 17.7 13.7 20.5

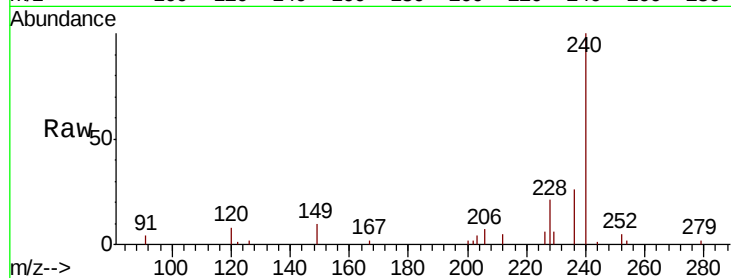




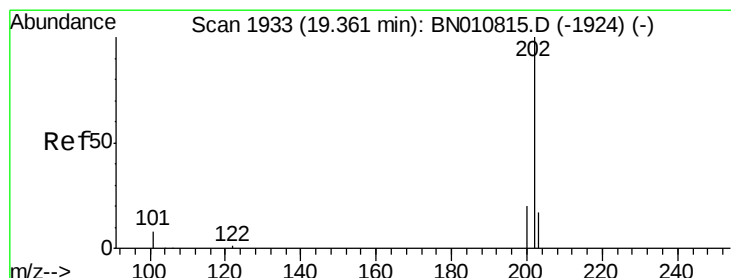
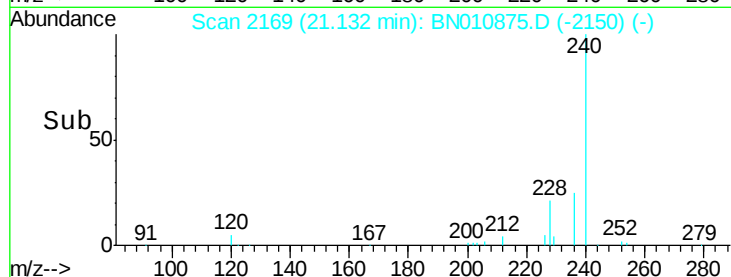
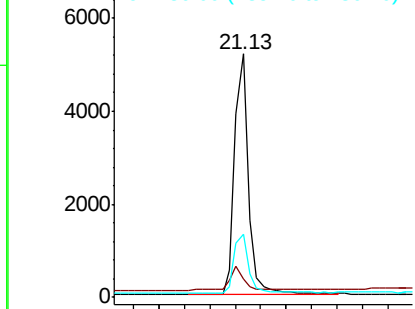
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN010875.D
 Acq: 15 Jun 2020 15:51

Instrument :
 BNA_N
 ClientSampleId :
 SP5148

Tot Ion:240 Resp: 7859
 Ion Ratio Lower Upper
 240 100
 120 7.8 7.5 11.3
 236 26.1 22.3 33.5

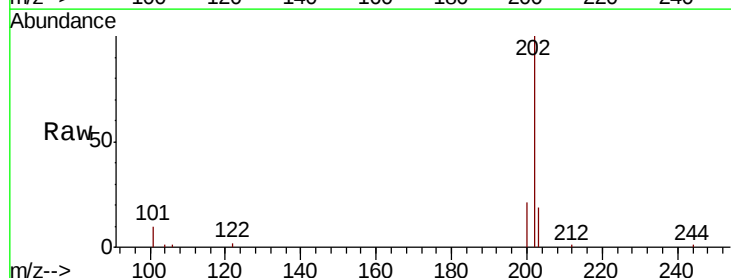


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

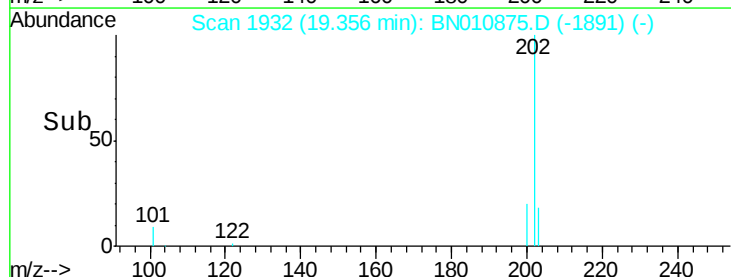
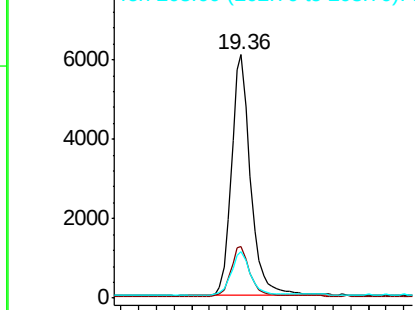


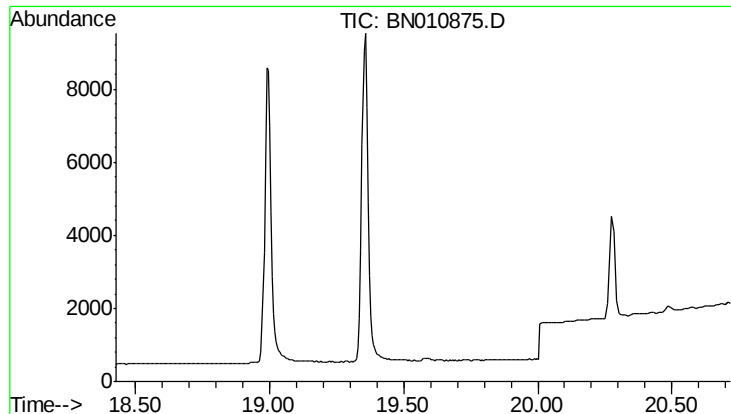
#28
 Pyrene
 Concen: 0.355 ng
 RT: 19.36 min Scan# 1932
 Delta R.T. 0.01 min
 Lab File: BN010875.D
 Acq: 15 Jun 2020 15:51

Tgt Ion:202 Resp: 9235
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.4 24.6
 203 18.6 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

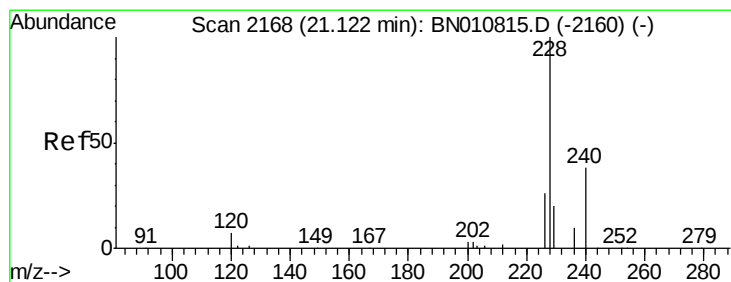
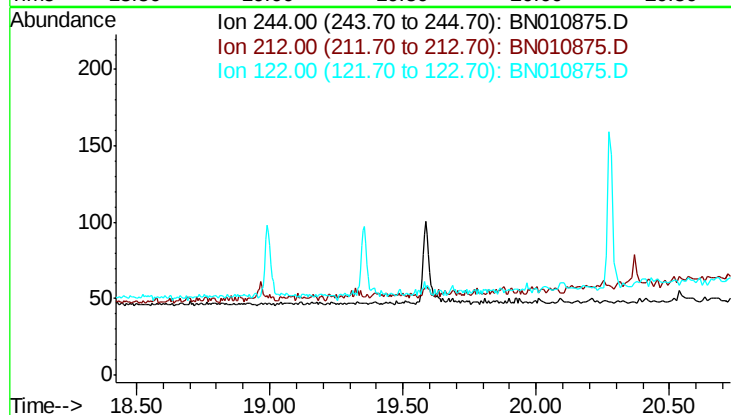




#29
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 19.57 min
 Lab File: BN010875.D
 Acq: 15 Jun 2020 15:51

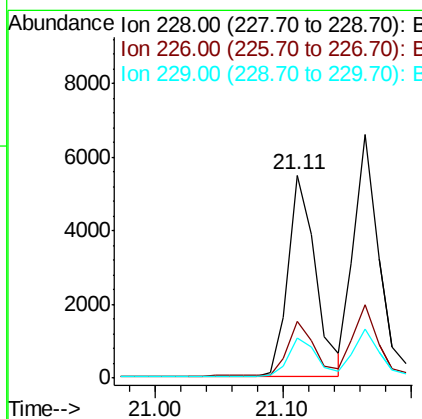
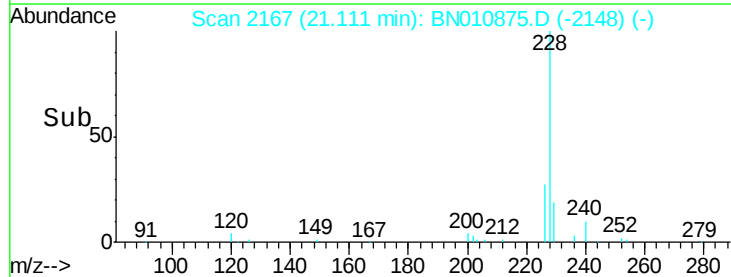
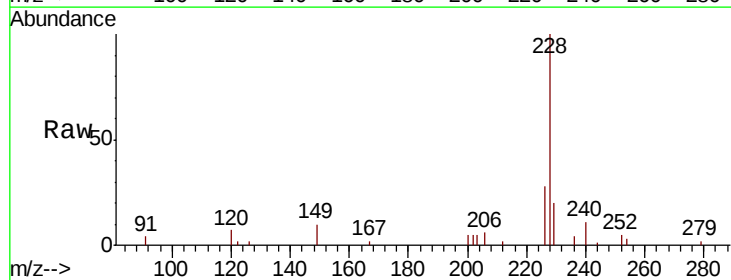
Instrument :
 BNA_N
 ClientSampleId :
 SP5148

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 9.3
 122 9.4



#30
 Benzo(a)anthracene
 Concen: 0.350 ng
 RT: 21.11 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BN010875.D
 Acq: 15 Jun 2020 15:51

Tgt Ion: 228 Resp: 8085
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.3 31.9
 229 20.1 16.6 24.8





#31

Chrysene

Concen: 0.330 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SP5148

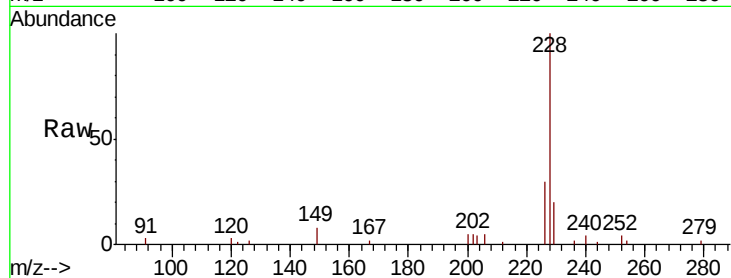
Tot Ion:228 Resp: 8872

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

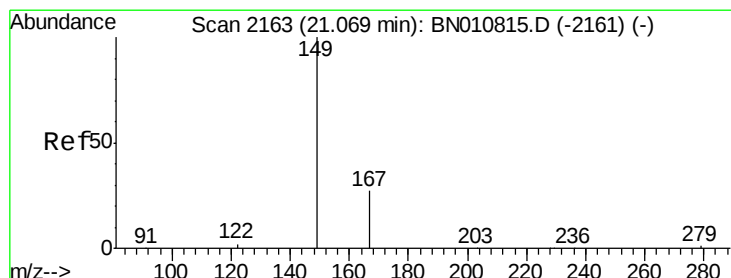
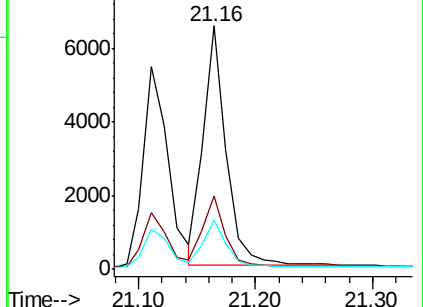
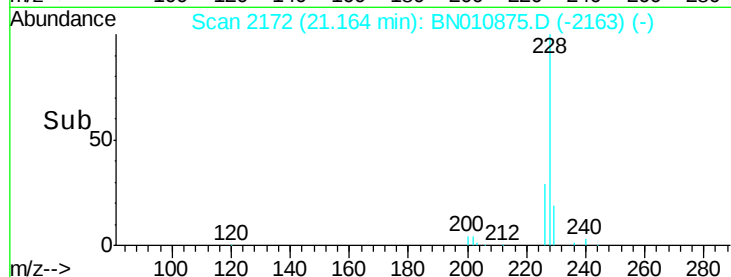
229 20.2 16.1 24.1



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: 0.374 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

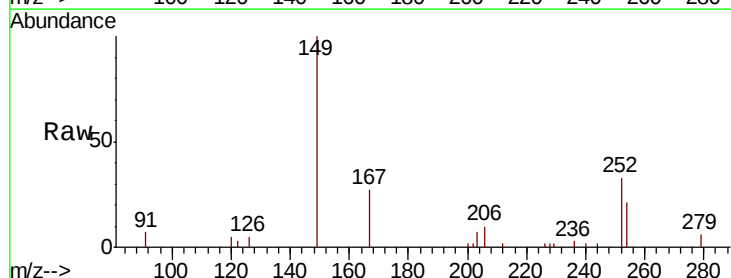
Tgt Ion:149 Resp: 2883

Ion Ratio Lower Upper

149 100

167 28.4 24.1 36.1

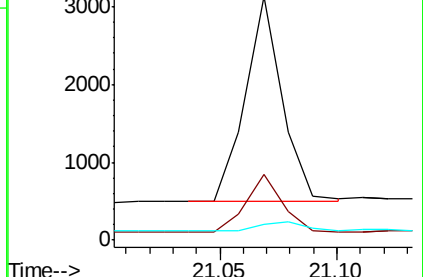
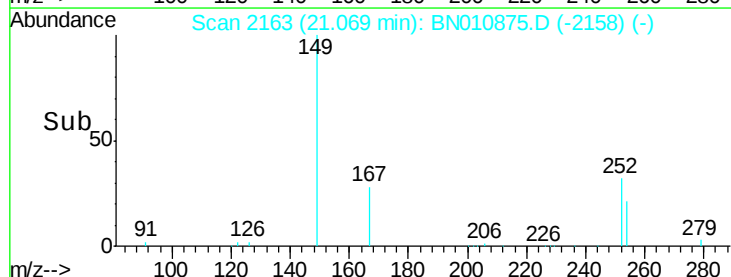
279 4.9 4.6 7.0

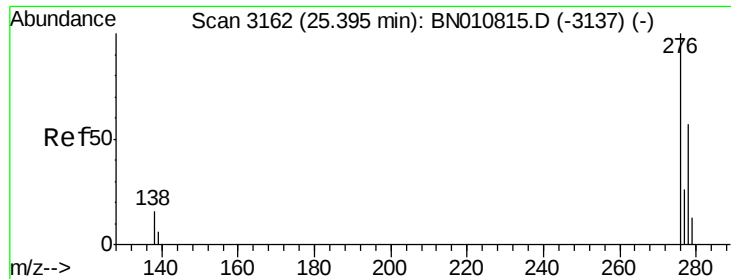


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

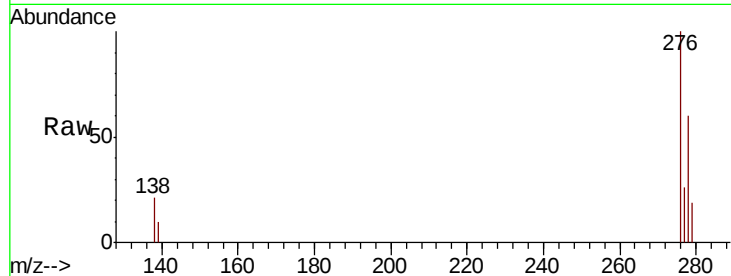




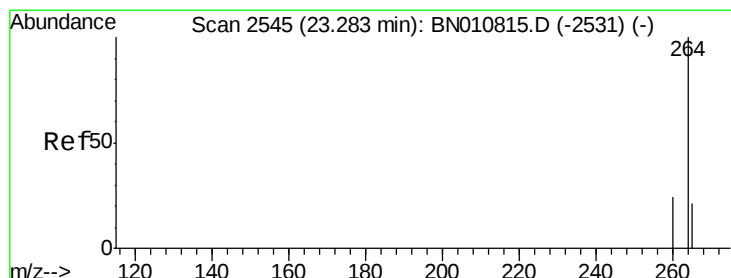
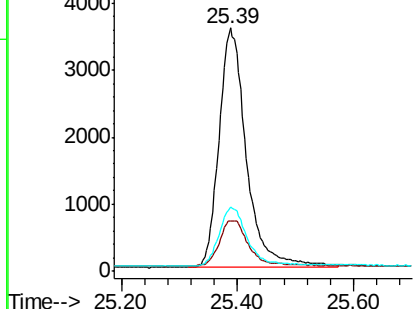
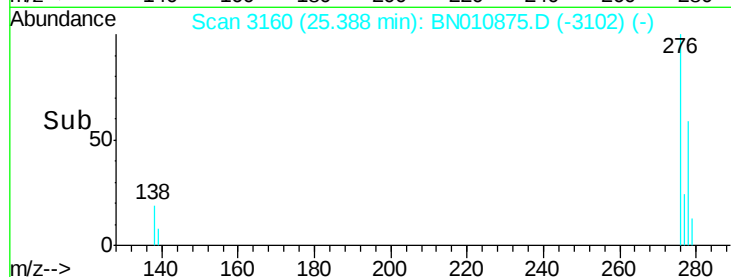
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.392 ng
 RT: 25.39 min Scan# 3160
 Delta R.T. 0.00 min
 Lab File: BN010875.D
 Acq: 15 Jun 2020 15:51

Instrument :
 BNA_N
 ClientSampleId :
 SP5148

Tot Ion:276 Resp: 11792
 Ion Ratio Lower Upper
 276 100
 138 19.6 13.0 19.6#
 277 24.6 19.7 29.5

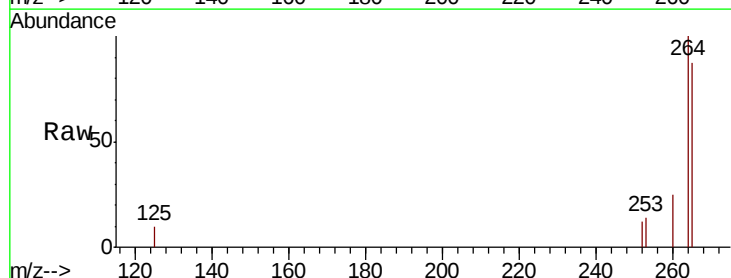


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

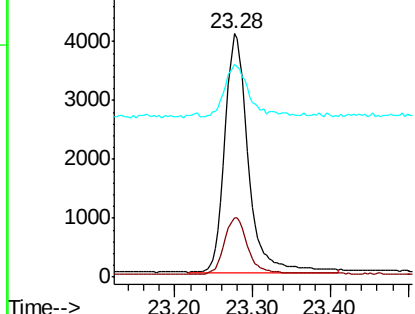
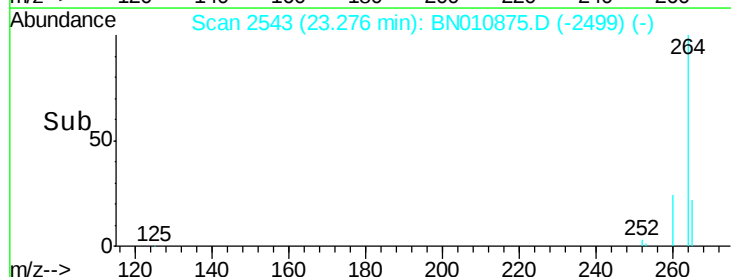


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2543
 Delta R.T. 0.00 min
 Lab File: BN010875.D
 Acq: 15 Jun 2020 15:51

Tgt Ion:264 Resp: 8481
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.4 30.6
 265 87.4 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: 0.319 ng

RT: 22.64 min Scan# 2358

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SP5148

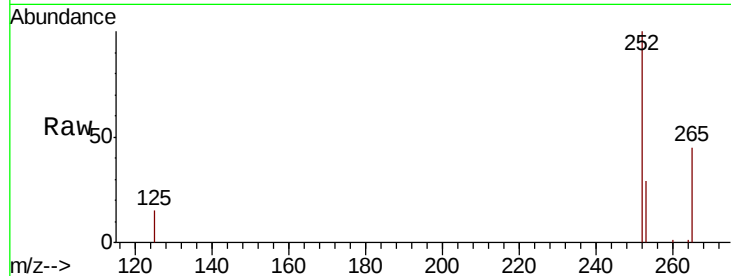
Tot Ion:252 Resp: 9191

Ion Ratio Lower Upper

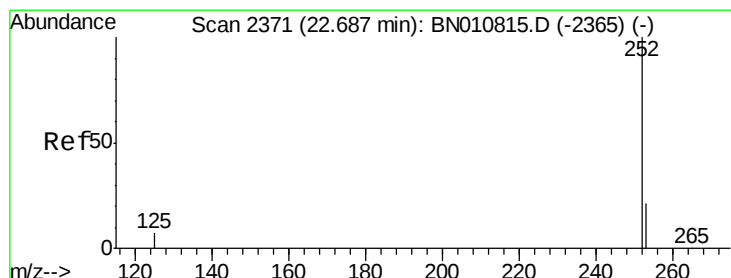
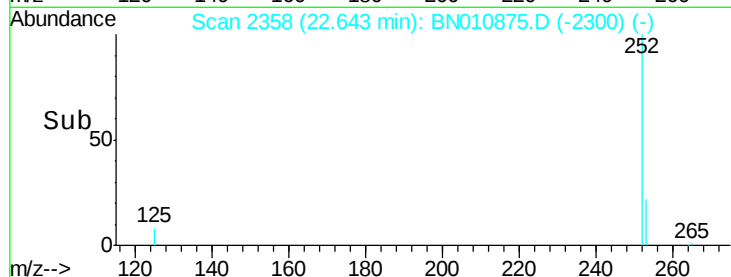
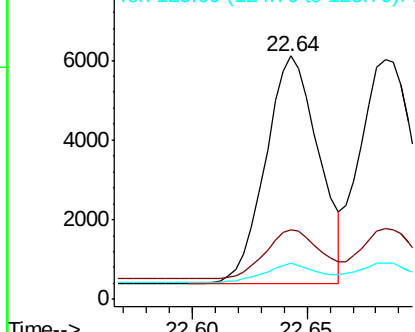
252 100

253 28.5 22.4 33.6

125 14.8 9.4 14.0#



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: 0.324 ng

RT: 22.68 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

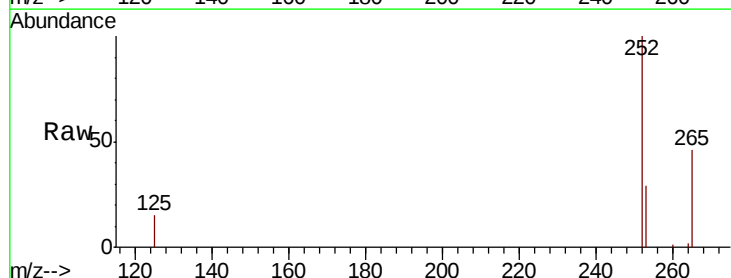
Tgt Ion:252 Resp: 9955

Ion Ratio Lower Upper

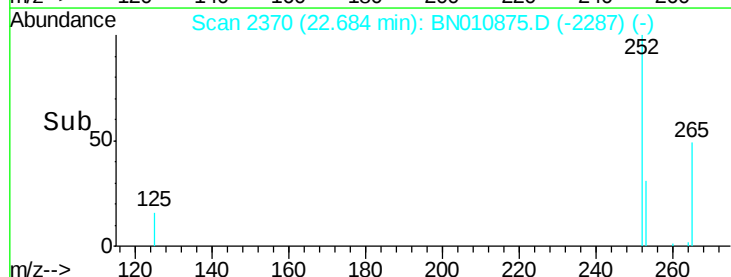
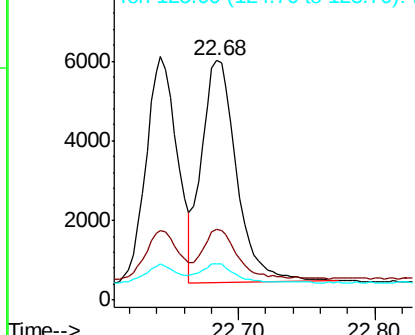
252 100

253 29.5 22.2 33.4

125 14.9 9.8 14.8#



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





#37

Benzo(a)pyrene

Concen: 0.324 ng

RT: 23.19 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

Instrument :

BNA_N

ClientSampled :

SP5148

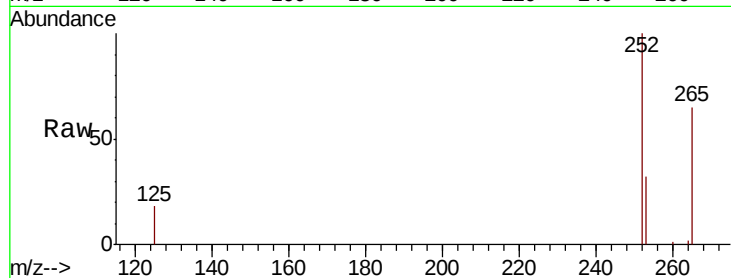
Tot Ion:252 Resp: 8011

Ion Ratio Lower Upper

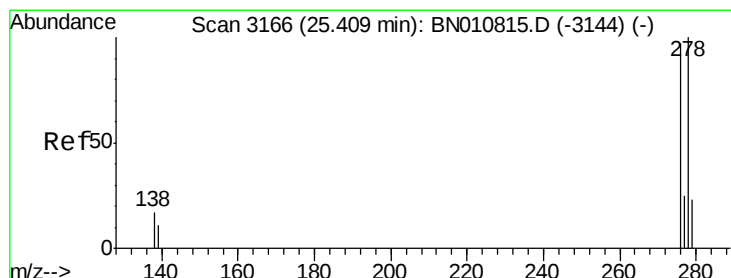
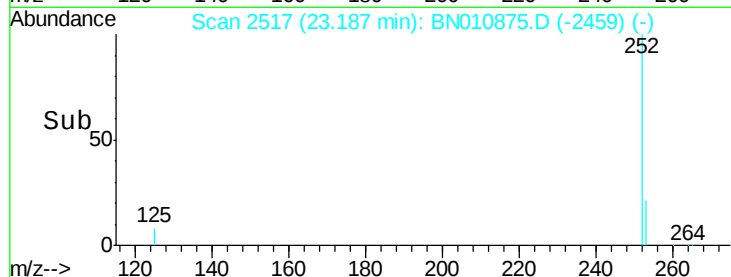
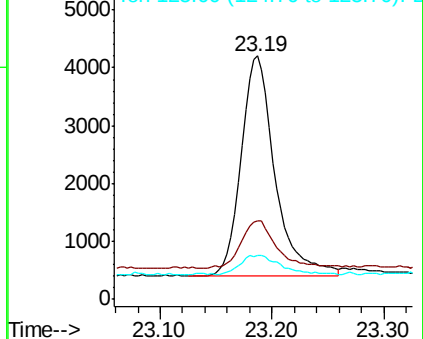
252 100

253 32.2 25.8 38.8

125 18.1 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: 0.343 ng

RT: 25.41 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

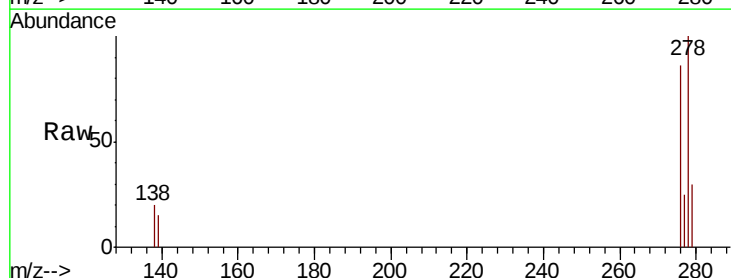
Tgt Ion:278 Resp: 9670

Ion Ratio Lower Upper

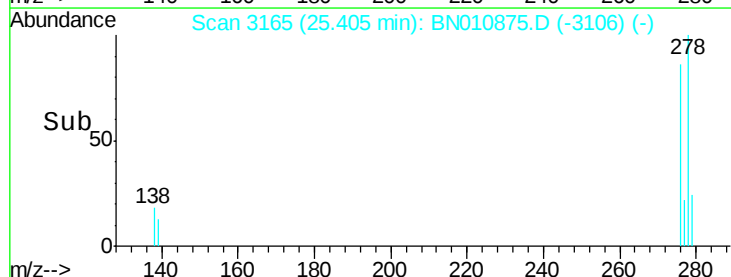
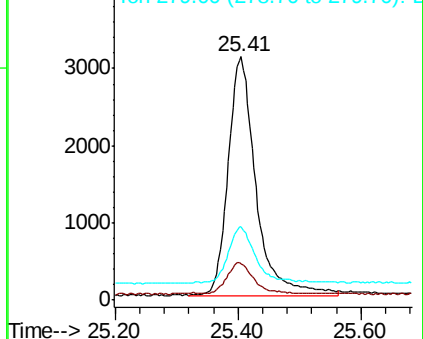
278 100

139 14.8 10.6 15.8

279 30.2 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: 0.364 ng

RT: 26.02 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BN010875.D

Acq: 15 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SP5148

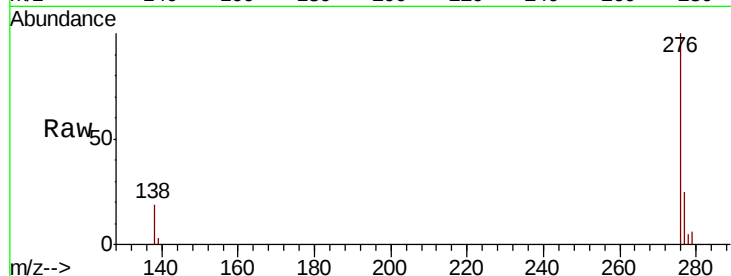
Tot Ion:276 Resp: 10746

Ion Ratio Lower Upper

276 100

277 25.4 20.5 30.7

138 19.2 13.7 20.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

