

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
 Data File : BN010213.D
 Acq On : 13 Mar 2020 22:46
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN031320

Quant Time: Mar 16 02:19:20 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 02:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3436	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	12544	0.40	ng	0.00
13) Acenaphthene-d10	14.26	164	8099	0.40	ng	0.00
19) Phenanthrene-d10	17.00	188	19355	0.40	ng	0.00
27) Chrysene-d12	21.20	240	20104	0.40	ng	0.00
34) Perylene-d12	23.37	264	23145	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.27	112	3242	0.40	ng	0.00
5) Phenol-d6	6.82	99	3955	0.39	ng	0.00
8) Nitrobenzene-d5	8.77	82	2869	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.99	152	8134	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.75	330	1135	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	11648	0.40	ng	0.00
25) Fluoranthene-d10	19.03	212	23770	0.40	ng	0.00
29) Terphenyl-d14	19.65	244	18316	0.40	ng	0.00

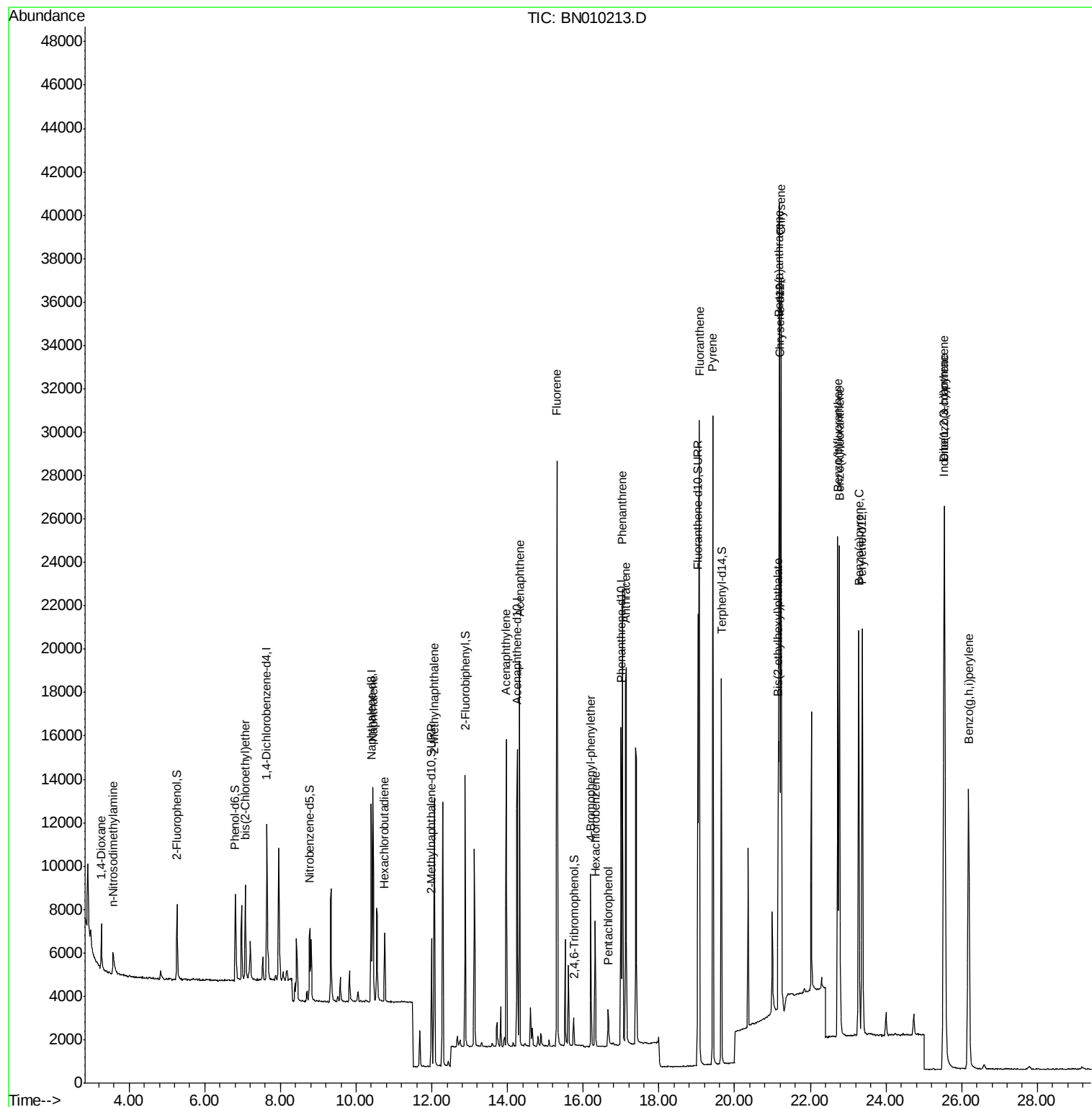
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	1407	0.420	ng	# 56
3) n-Nitrosodimethylamine	3.57	42	1039	0.350	ng	# 23
6) bis(2-Chloroethyl)ether	7.07	93	3559	0.423	ng	97
9) Naphthalene	10.44	128	12454	0.396	ng	98
10) Hexachlorobutadiene	10.75	225	2910	0.402	ng	# 95
12) 2-Methylnaphthalene	12.06	142	8827	0.391	ng	98
16) Acenaphthylene	13.97	152	14989	0.401	ng	100
17) Acenaphthene	14.31	154	8906	0.393	ng	99
18) Fluorene	15.31	166	12421	0.402	ng	99
20) 4-Bromophenyl-phenylether	16.21	248	4383	0.394	ng	97
21) Hexachlorobenzene	16.32	284	4432	0.408	ng	98
22) Pentachlorophenol	16.66	266	1263	0.377	ng	93
23) Phenanthrene	17.04	178	20511	0.399	ng	100
24) Anthracene	17.13	178	20220	0.395	ng	100
26) Fluoranthene	19.06	202	26077	0.401	ng	100
28) Pyrene	19.43	202	27030	0.403	ng	99
30) Benzo(a)anthracene	21.17	228	27494	0.402	ng	97
31) Chrysene	21.23	228	26801	0.398	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	10373	0.356	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.53	276	33130	0.415	ng	98
35) Benzo(b)fluoranthene	22.73	252	27611	0.388	ng	100
36) Benzo(k)fluoranthene	22.77	252	28669	0.399	ng	99
37) Benzo(a)pyrene	23.28	252	26062	0.388	ng	99
38) Dibenzo(a,h)anthracene	25.55	278	27202	0.404	ng	99
39) Benzo(g,h,i)perylene	26.18	276	26960	0.401	ng	99

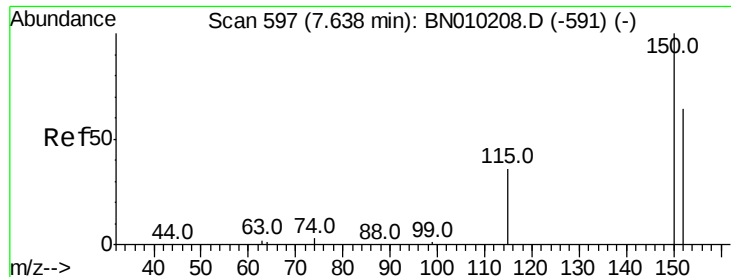
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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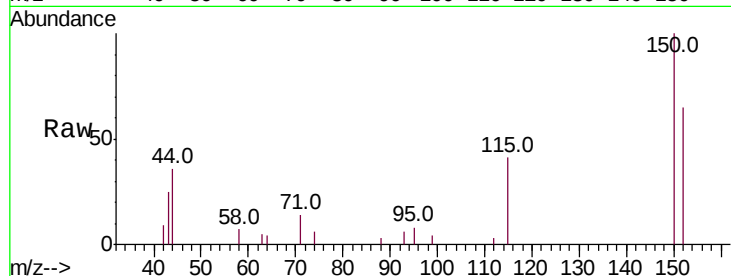


#1

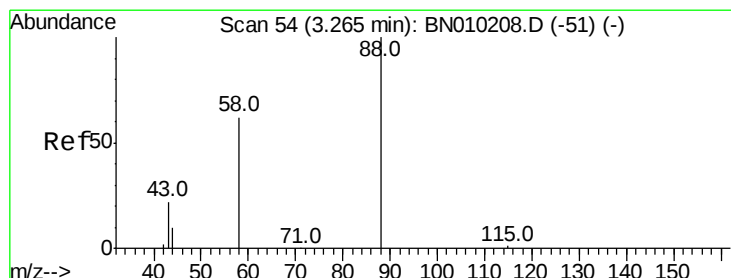
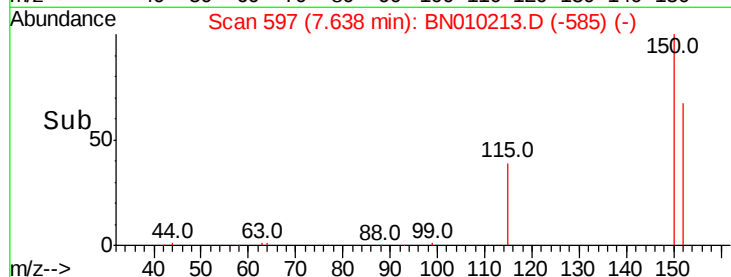
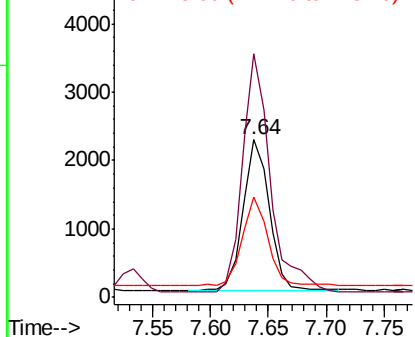
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 597
Delta R.T. -0.00 min
Lab File: BN010213.D
Acq: 13 Mar 2020 22:46

Instrument :
BNA_N
ClientSampleId :
ICVBN031320

Tot Ion:152 Resp: 3436
Ion Ratio Lower Upper
152 100
150 154.6 119.5 179.3
115 63.3 50.9 76.3



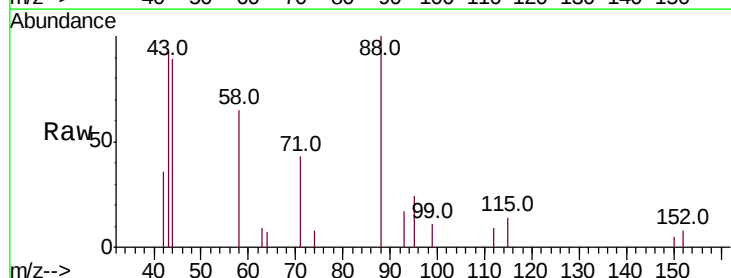
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



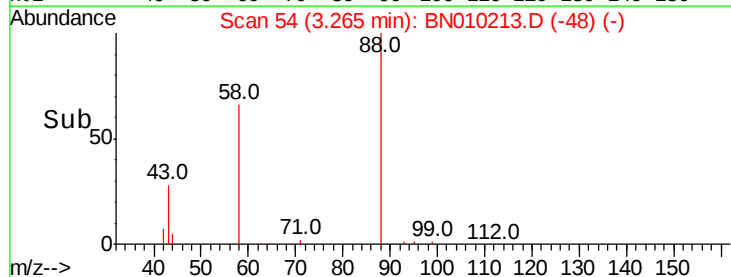
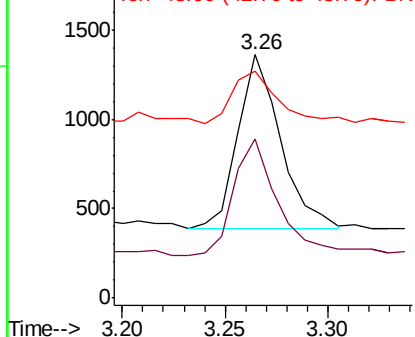
#2

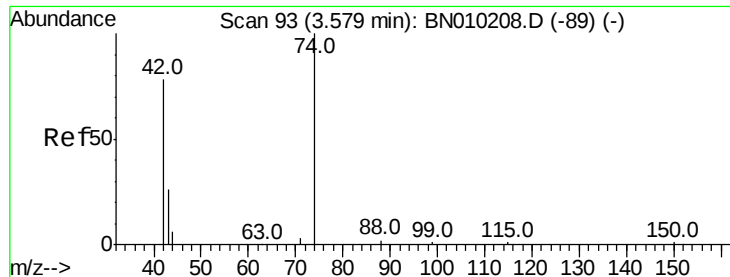
1,4-Dioxane
Concen: 0.420 ng
RT: 3.26 min Scan# 54
Delta R.T. 0.00 min
Lab File: BN010213.D
Acq: 13 Mar 2020 22:46

Tgt Ion: 88 Resp: 1407
Ion Ratio Lower Upper
88 100
58 67.7 97.8 146.8#
43 31.1 45.1 67.7#



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

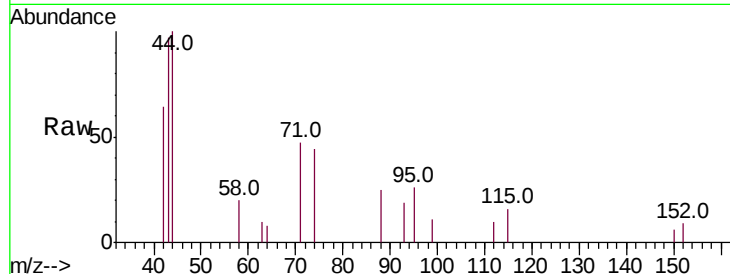




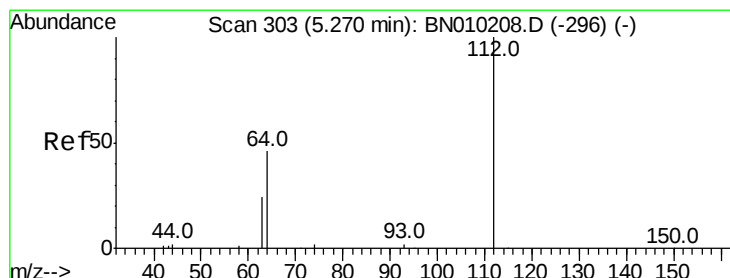
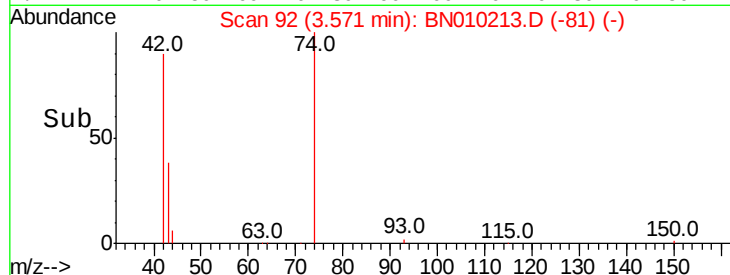
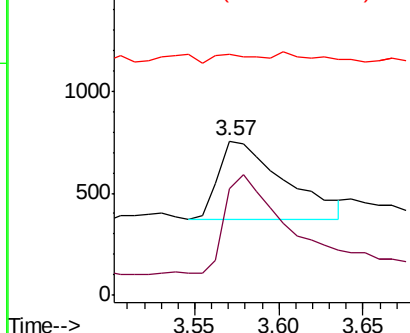
#3
n-Nitrosodimethylamine
Concen: 0.350 ng
RT: 3.57 min Scan# 92
Delta R.T. -0.01 min
Lab File: BN010213.D
Acq: 13 Mar 2020 22:46

Instrument :
BNA_N
ClientSampleId :
ICVBN031320

Tot Ion: 42 Resp: 1039
Ion Ratio Lower Upper
42 100
74 127.0 51.2 76.8#
44 7.8 2.6 4.0#

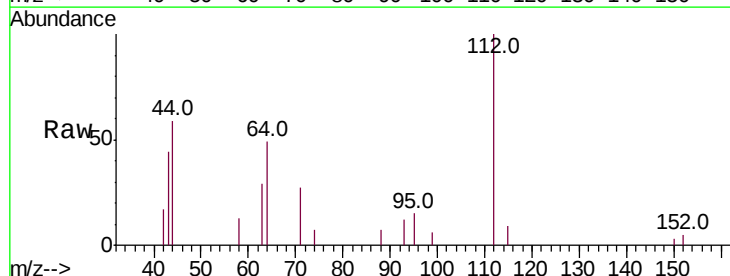


Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0

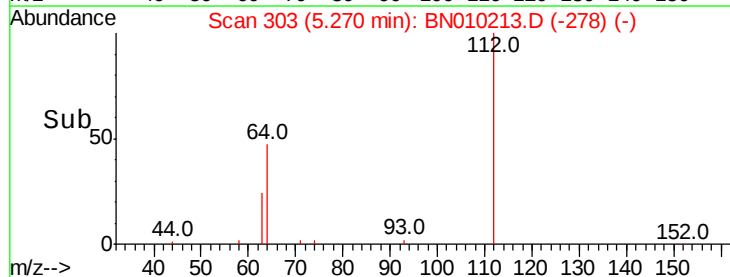
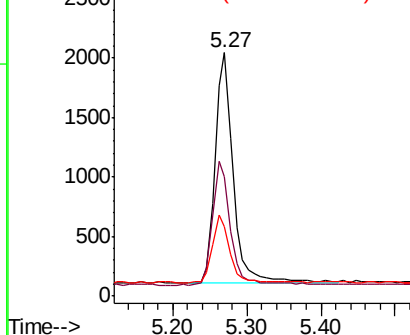


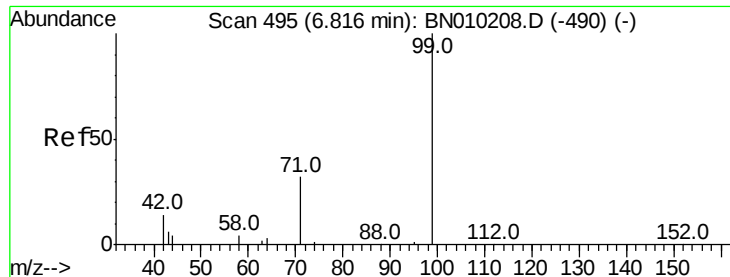
#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.27 min Scan# 303
Delta R.T. -0.00 min
Lab File: BN010213.D
Acq: 13 Mar 2020 22:46

Tgt Ion: 112 Resp: 3242
Ion Ratio Lower Upper
112 100
64 54.3 42.6 63.8
63 28.4 23.6 35.4



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: 0.392 ng

RT: 6.82 min Scan# 495

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

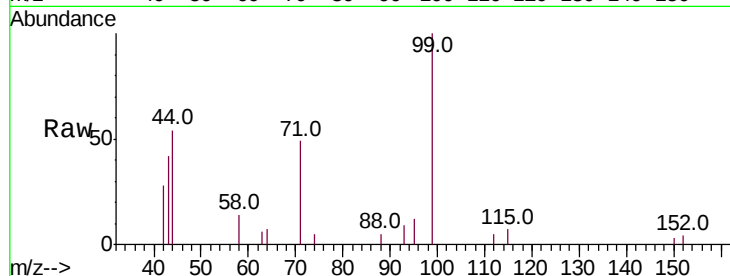
Tot Ion: 99 Resp: 3955

Ion Ratio Lower Upper

99 100

42 21.6 12.0 18.0#

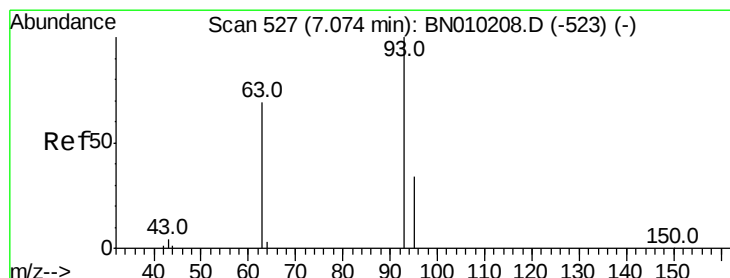
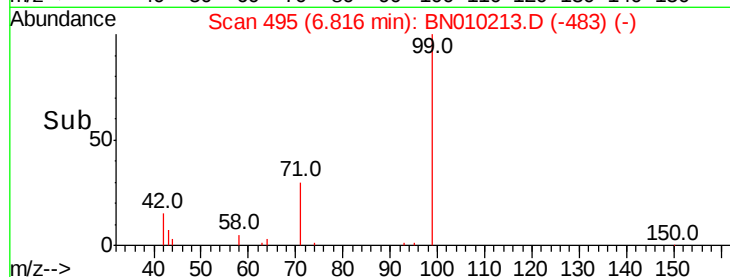
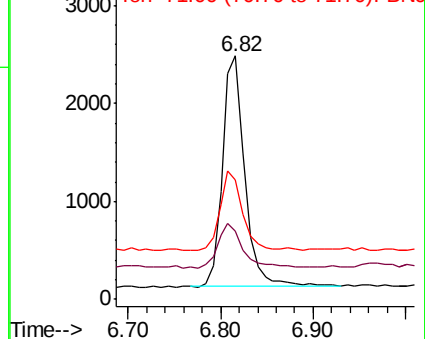
71 34.3 22.6 33.8#



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: 0.423 ng

RT: 7.07 min Scan# 527

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

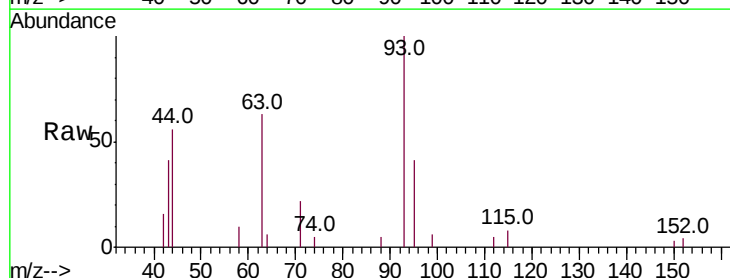
Tgt Ion: 93 Resp: 3559

Ion Ratio Lower Upper

93 100

63 65.2 53.4 80.0

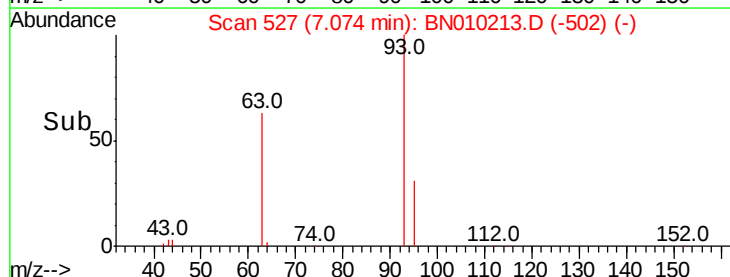
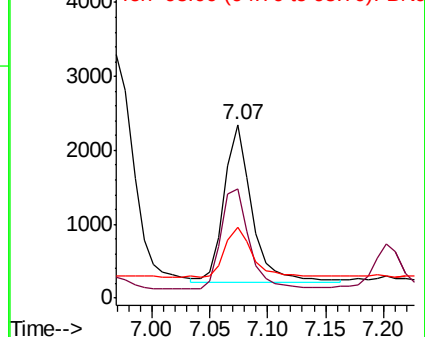
95 32.8 28.6 42.8

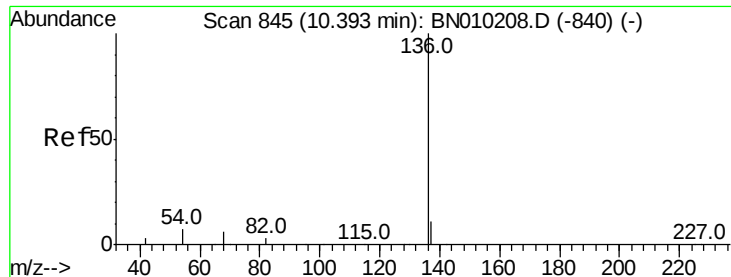


Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

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: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

Tot Ion:136 Resp: 12544

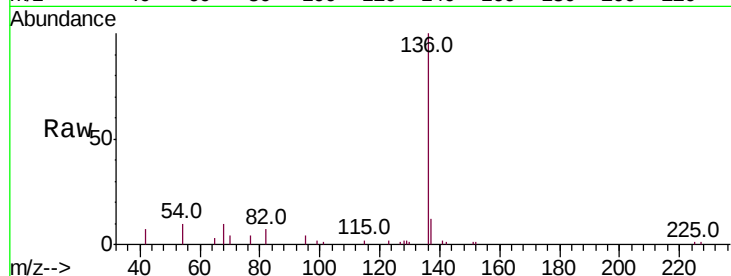
Ion Ratio Lower Upper

136 100

137 12.2 10.6 15.8

54 10.1 9.5 14.3

68 9.6 9.7 14.5#

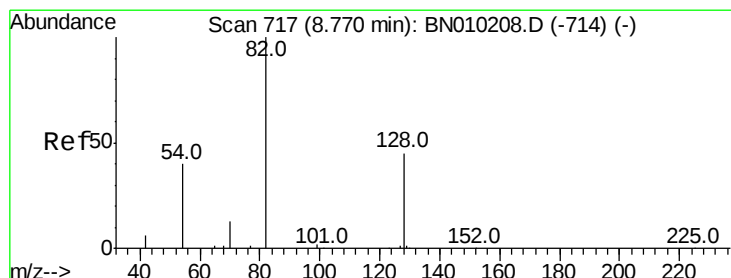
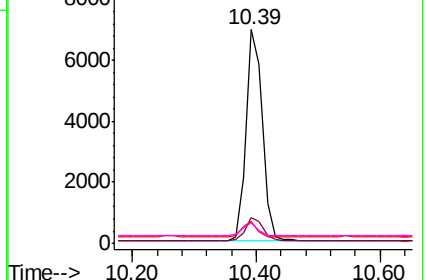
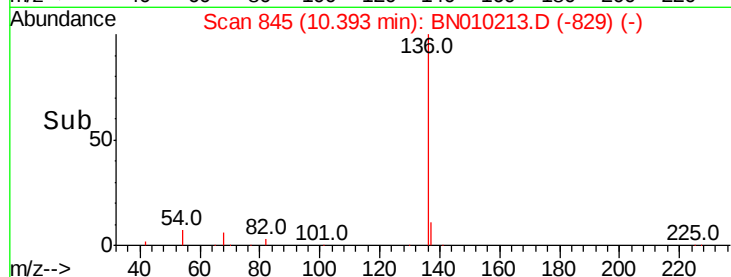


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.381 ng

RT: 8.77 min Scan# 717

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

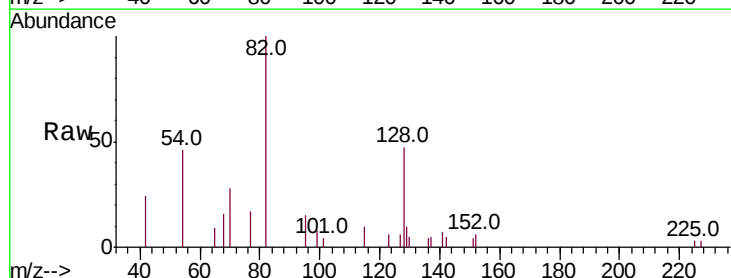
Tgt Ion: 82 Resp: 2869

Ion Ratio Lower Upper

82 100

128 46.9 35.0 52.6

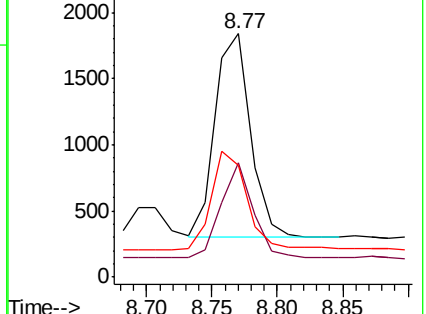
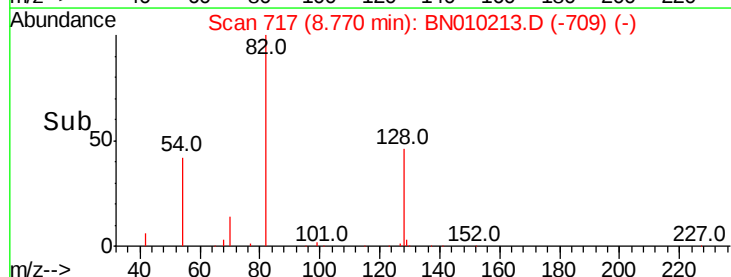
54 46.1 37.0 55.4

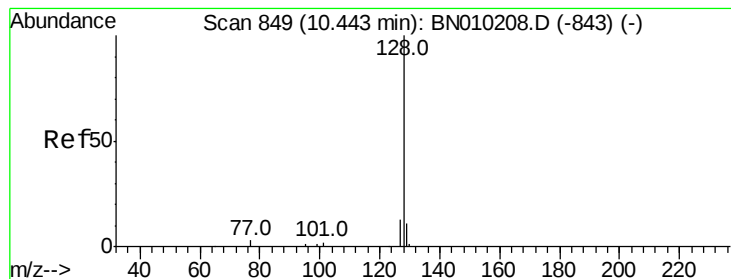


Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0





#9

Naphthalene

Concen: 0.396 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

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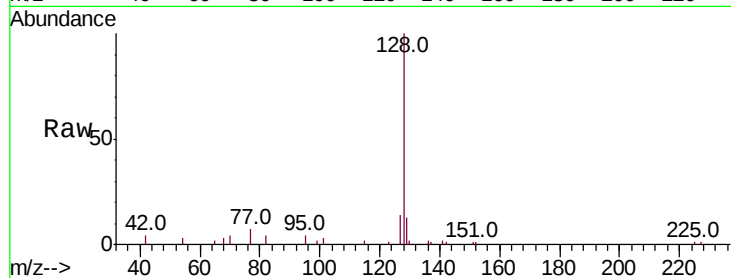
Tot Ion:128 Resp: 12454

Ion Ratio Lower Upper

128 100

129 12.6 10.5 15.7

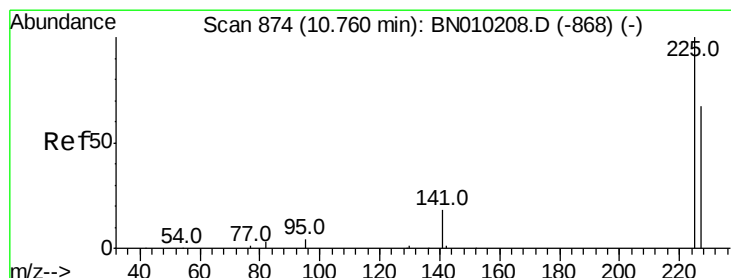
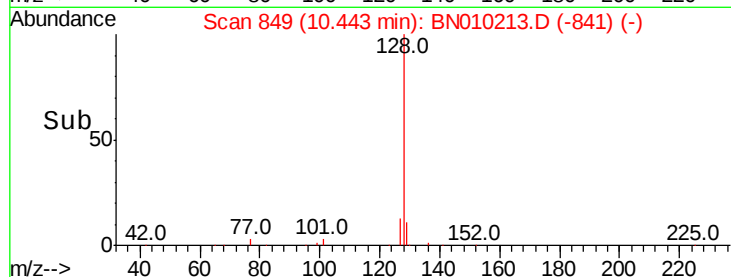
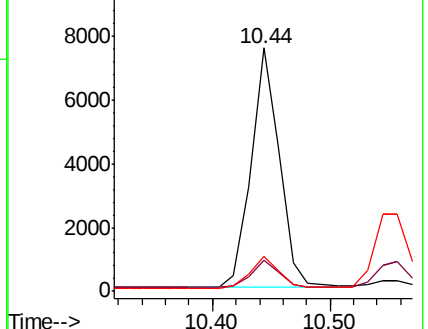
127 14.3 12.1 18.1



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: 0.402 ng

RT: 10.75 min Scan# 873

Delta R.T. -0.01 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

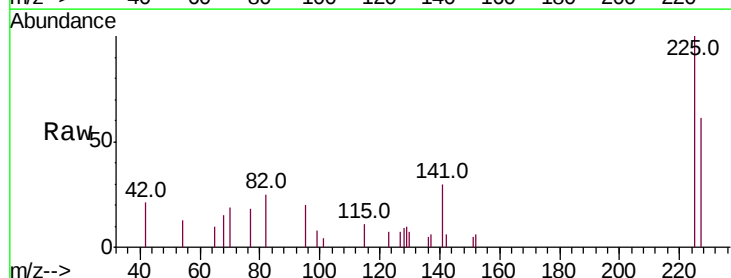
Tgt Ion:225 Resp: 2910

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

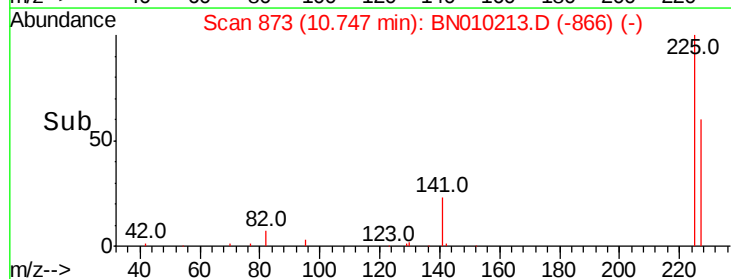
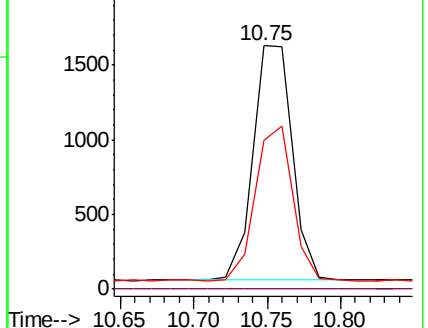
227 63.0 53.4 80.2

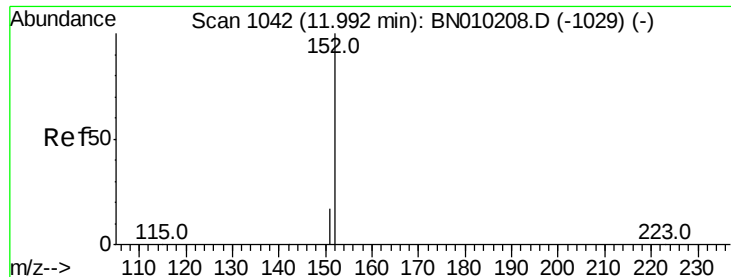


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

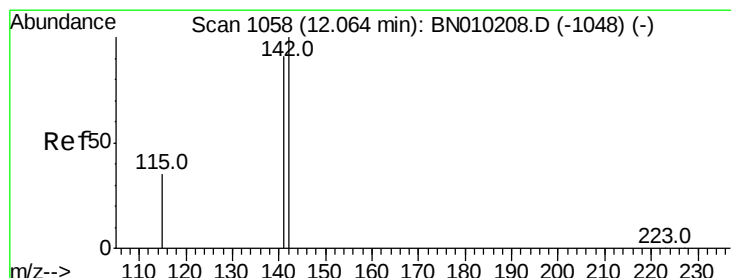
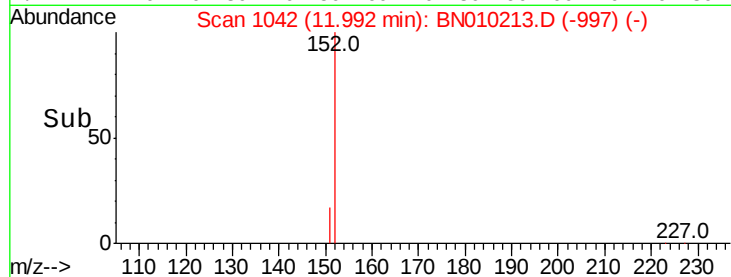
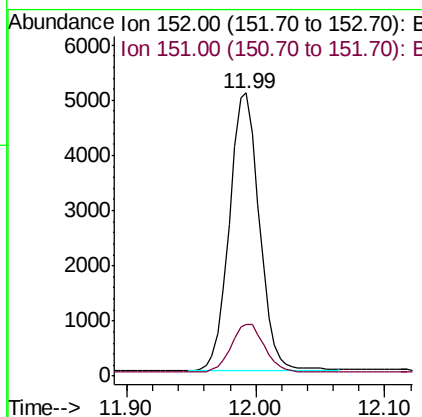
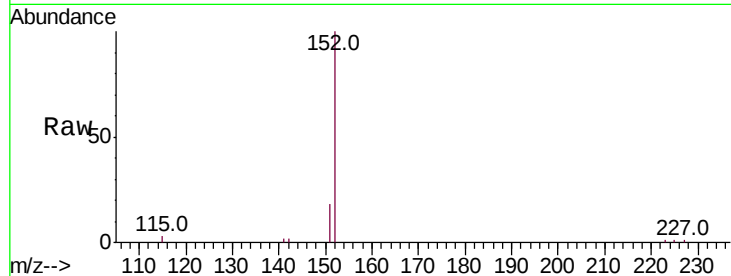




#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 11.99 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BN010213.D
 Acq: 13 Mar 2020 22:46

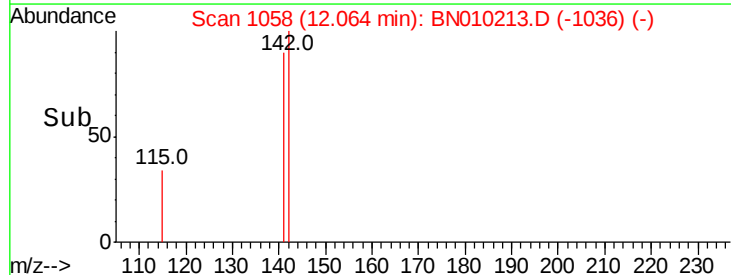
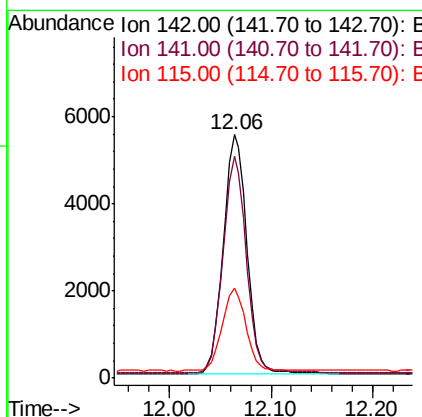
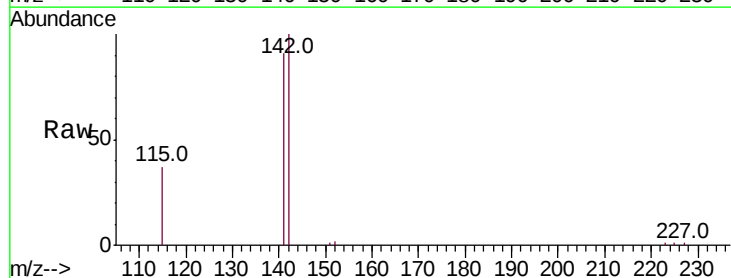
Instrument :
 BNA_N
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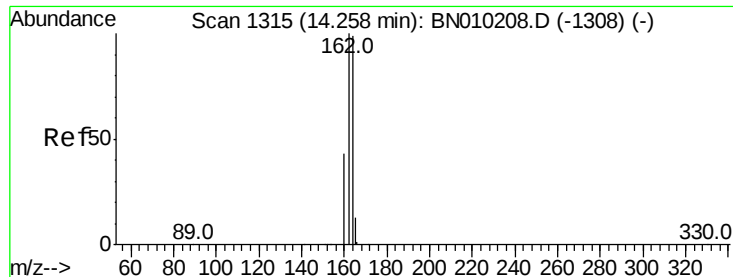
Tot Ion:152 Resp: 8134
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.391 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BN010213.D
 Acq: 13 Mar 2020 22:46

Tgt Ion:142 Resp: 8827
 Ion Ratio Lower Upper
 142 100
 141 90.9 73.7 110.5
 115 36.9 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: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

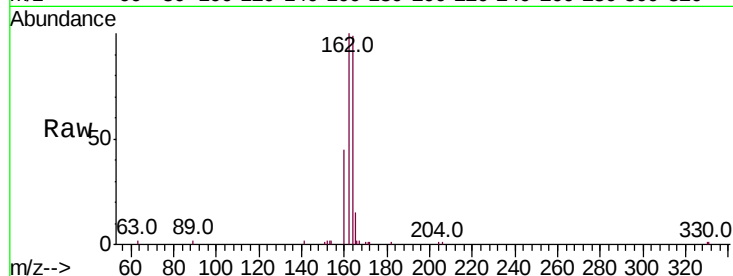
Tot Ion:164 Resp: 8099

Ion Ratio Lower Upper

164 100

162 101.2 81.0 121.4

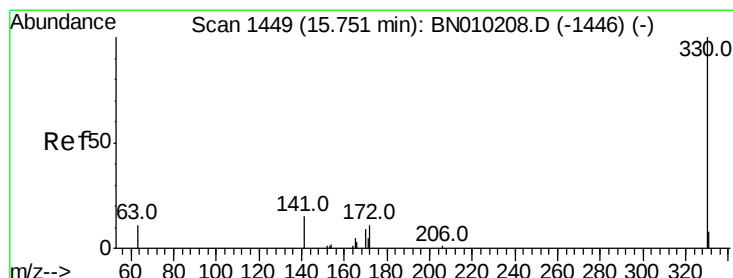
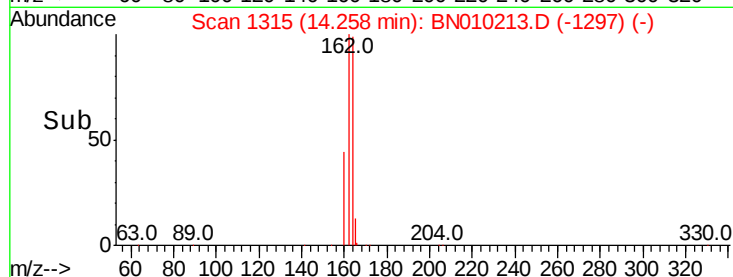
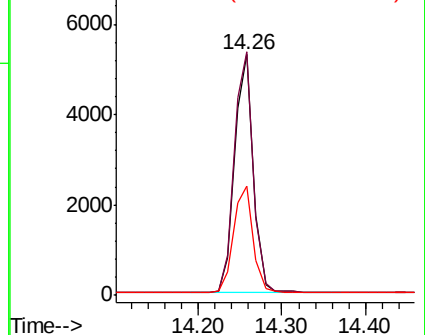
160 45.4 35.6 53.4



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: 0.392 ng

RT: 15.75 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

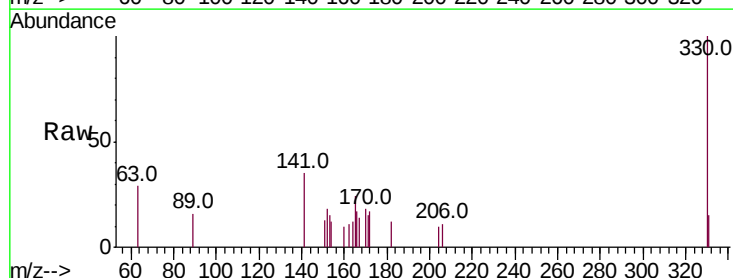
Tgt Ion:330 Resp: 1135

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

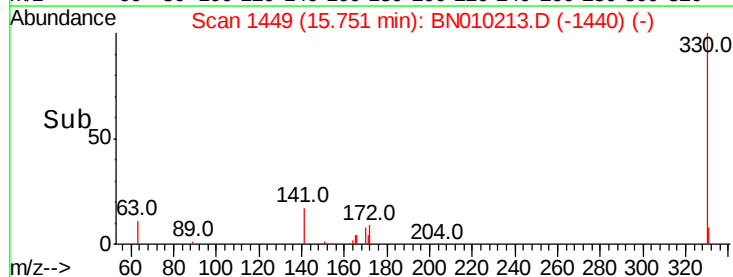
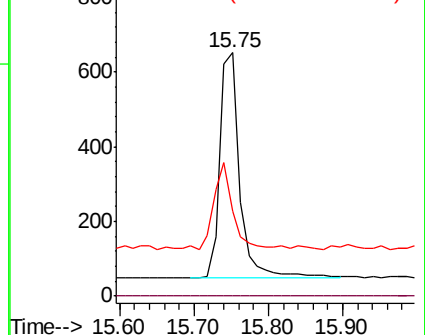
141 36.7 25.1 37.7

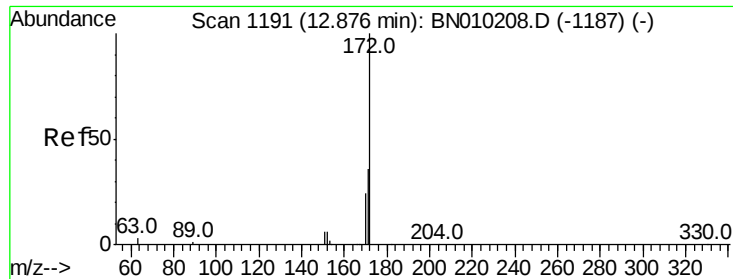


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

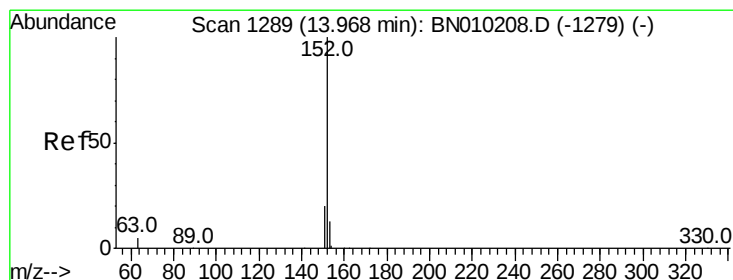
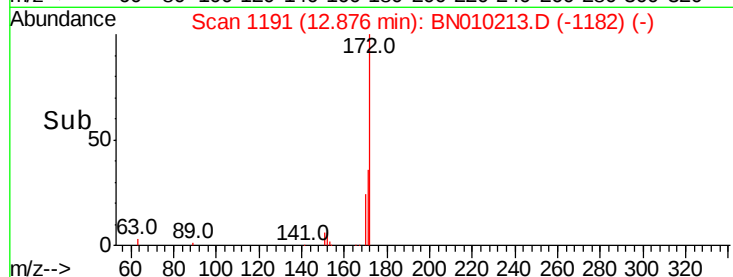
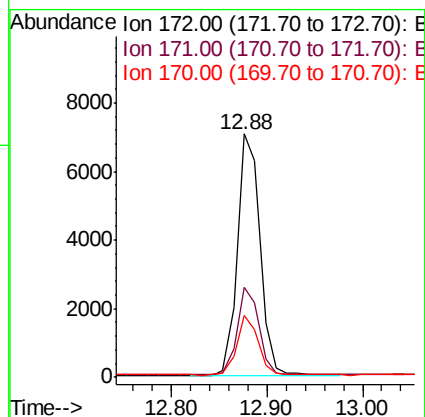
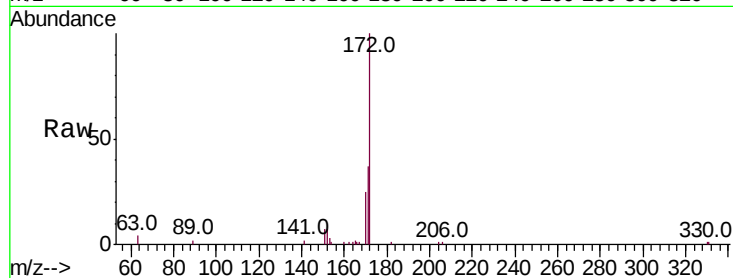




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010213.D
Acq: 13 Mar 2020 22:46

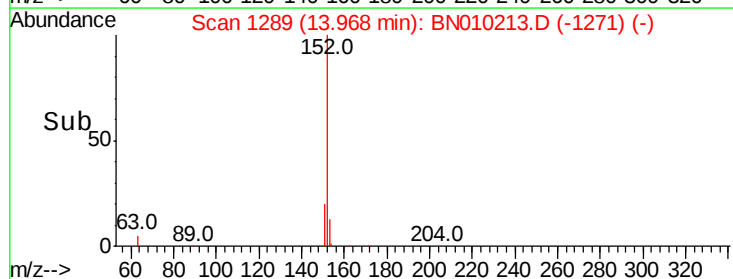
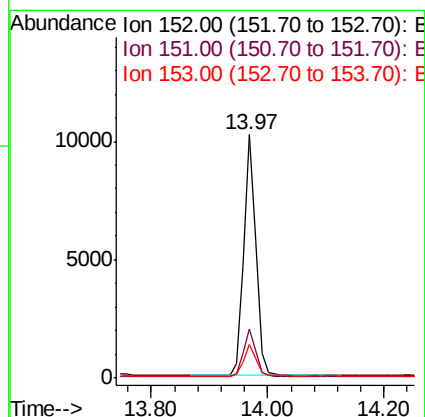
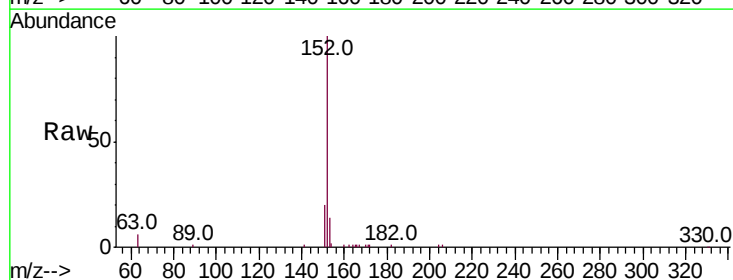
Instrument :
BNA_N
ClientSampleId :
ICVBN031320

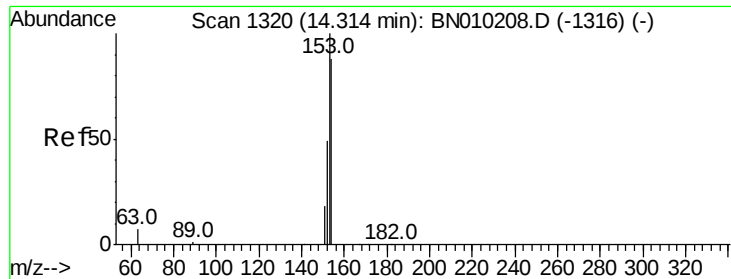
Tot Ion:172 Resp: 11648
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.2
170 25.2 20.2 30.4



#16
Acenaphthylene
Concen: 0.401 ng
RT: 13.97 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BN010213.D
Acq: 13 Mar 2020 22:46

Tgt Ion:152 Resp: 14989
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.3 10.6 16.0





#17

Acenaphthene

Concen: 0.393 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

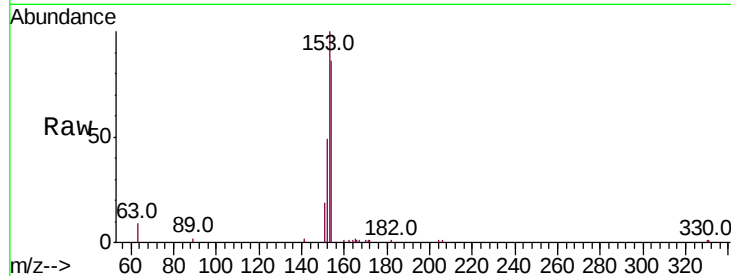
Tot Ion:154 Resp: 8906

Ion Ratio Lower Upper

154 100

153 114.7 90.3 135.5

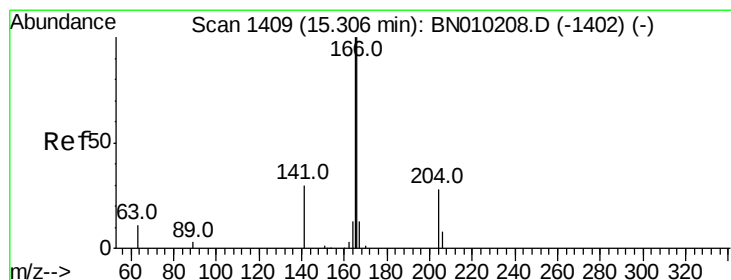
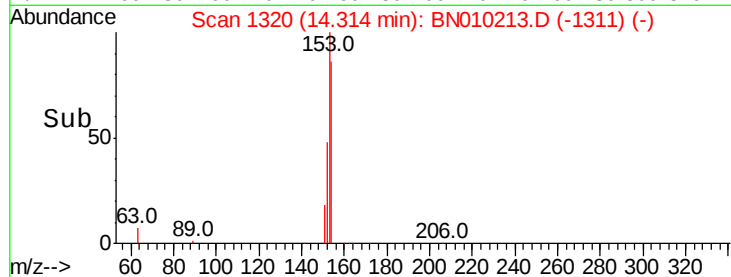
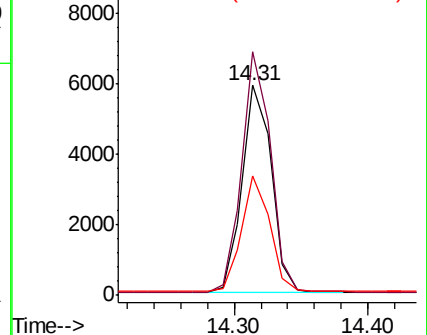
152 54.4 42.9 64.3



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: 0.402 ng

RT: 15.31 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

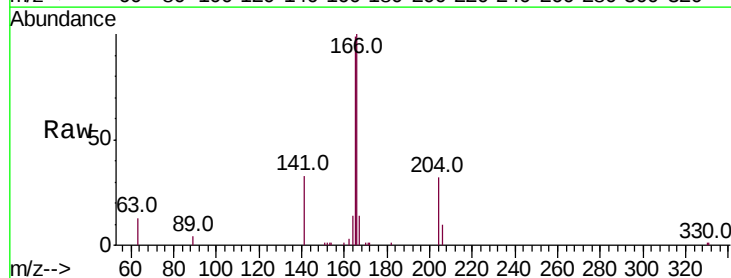
Tgt Ion:166 Resp: 12421

Ion Ratio Lower Upper

166 100

165 97.2 78.3 117.5

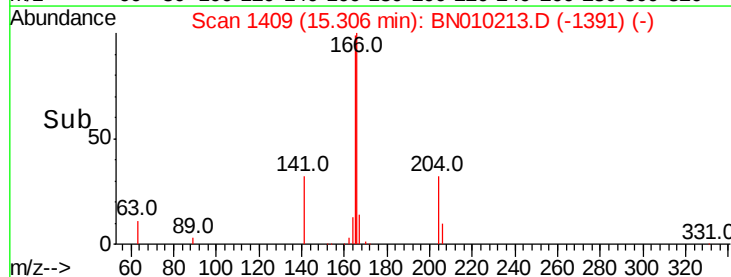
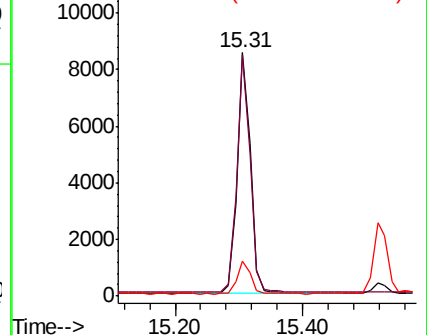
167 13.7 10.7 16.1

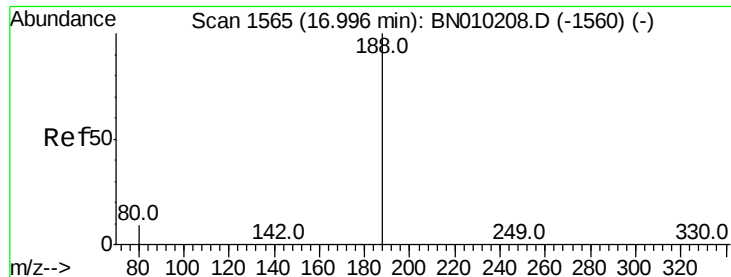


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

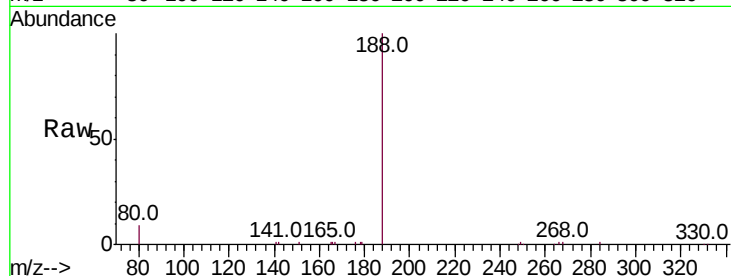
Tot Ion:188 Resp: 19355

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

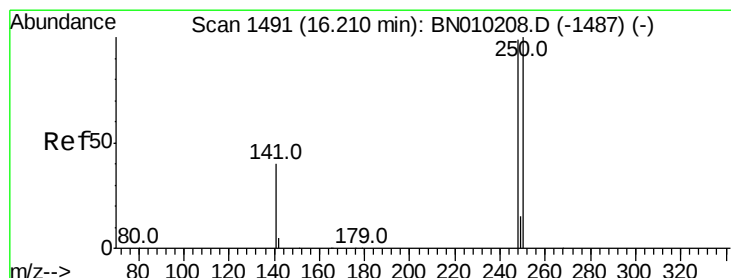
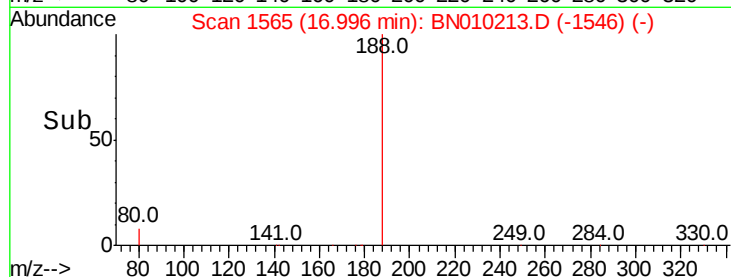
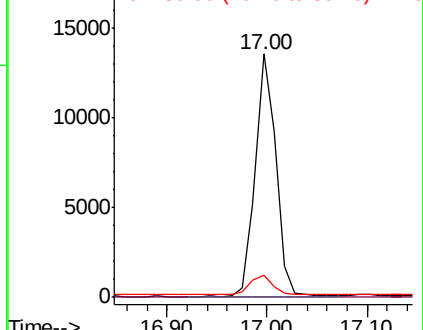
80 9.3 8.6 12.8



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: 0.394 ng

RT: 16.21 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

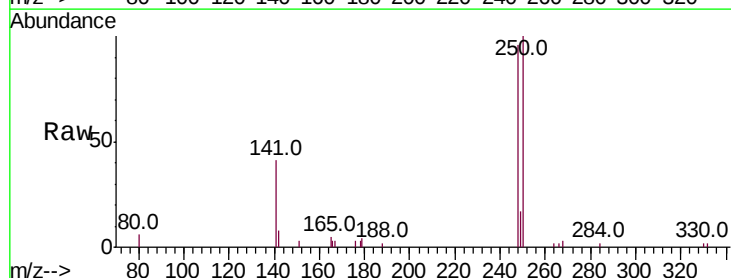
Tgt Ion:248 Resp: 4383

Ion Ratio Lower Upper

248 100

250 103.7 81.2 121.8

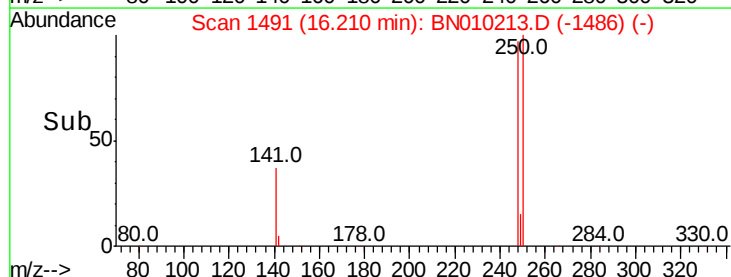
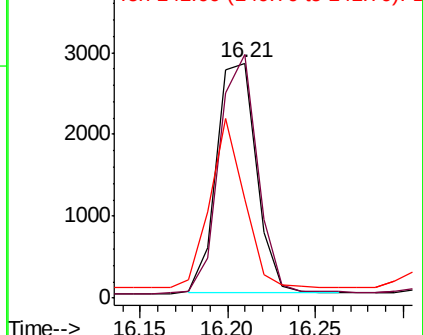
141 42.3 36.7 55.1

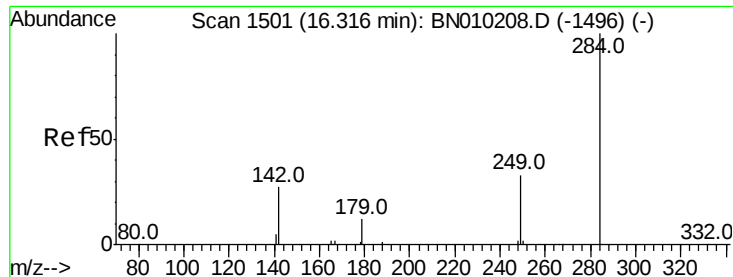


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.408 ng

RT: 16.32 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

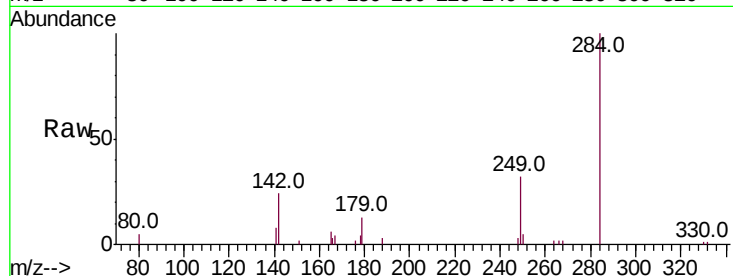
Tot Ion:284 Resp: 4432

Ion Ratio Lower Upper

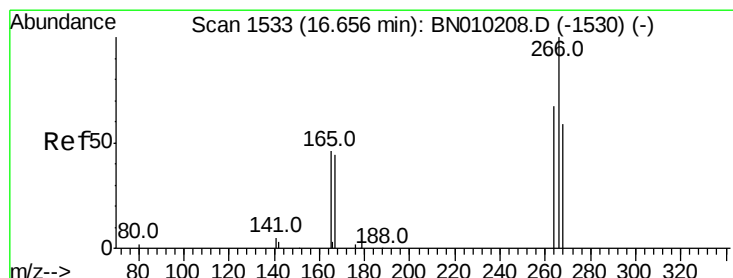
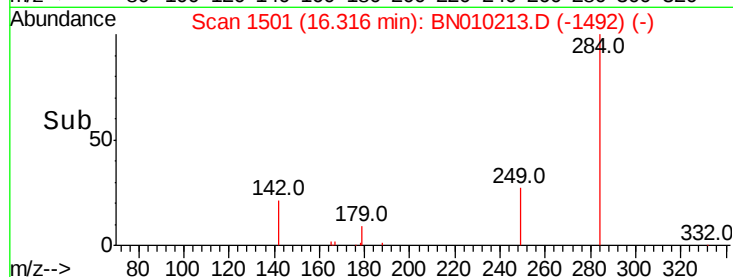
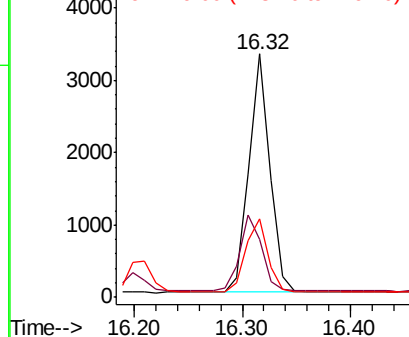
284 100

142 33.4 27.8 41.6

249 33.6 26.6 39.8



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: 0.377 ng

RT: 16.66 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

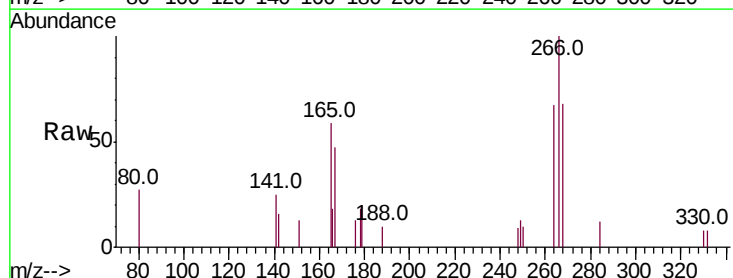
Tgt Ion:266 Resp: 1263

Ion Ratio Lower Upper

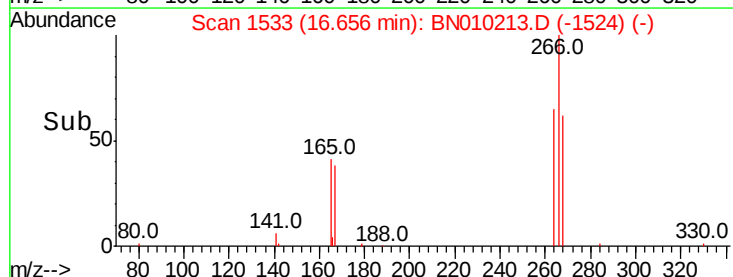
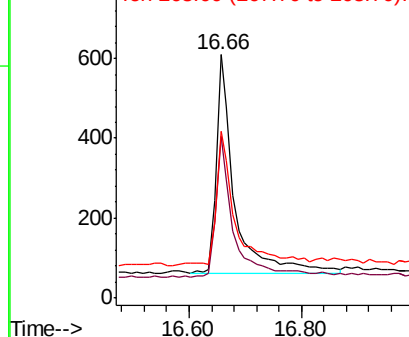
266 100

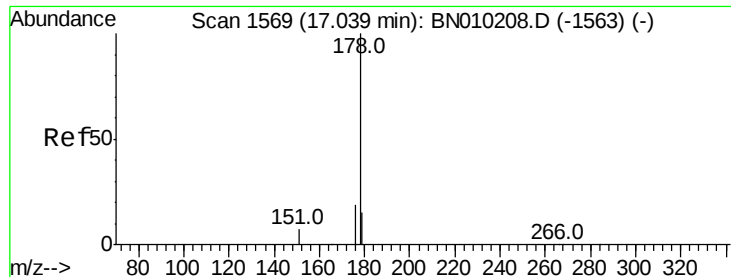
264 66.5 56.2 84.2

268 68.5 61.4 92.2



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: 0.399 ng

RT: 17.04 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

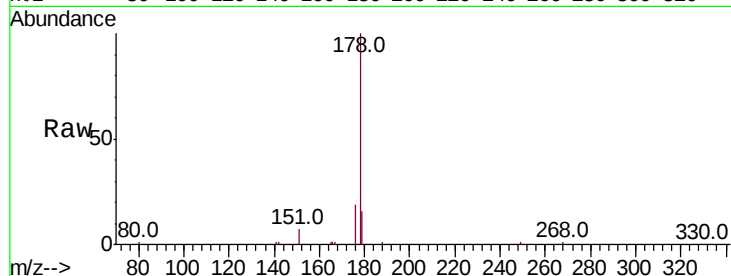
Tot Ion:178 Resp: 20511

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

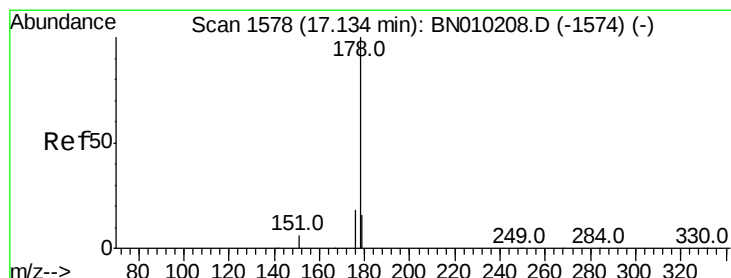
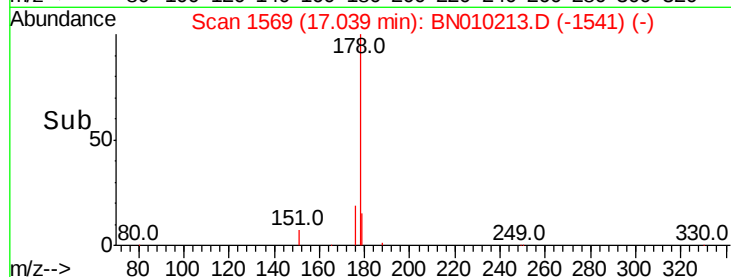
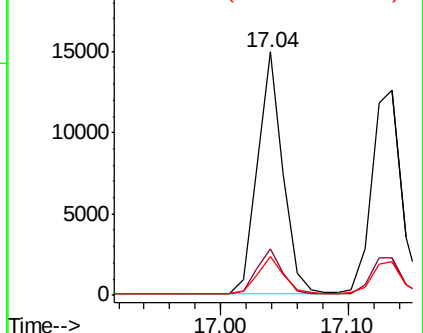
179 15.5 12.5 18.7



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: 0.395 ng

RT: 17.13 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

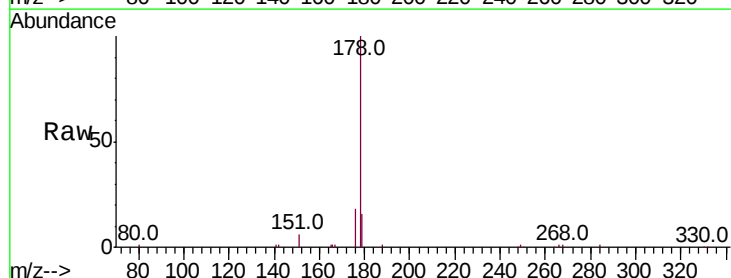
Tgt Ion:178 Resp: 20220

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

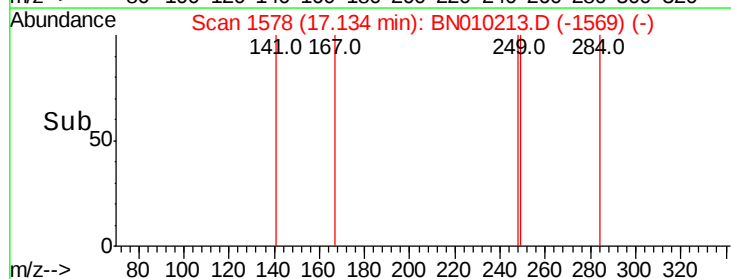
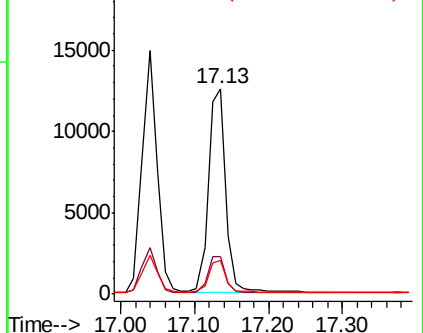
179 15.5 12.5 18.7

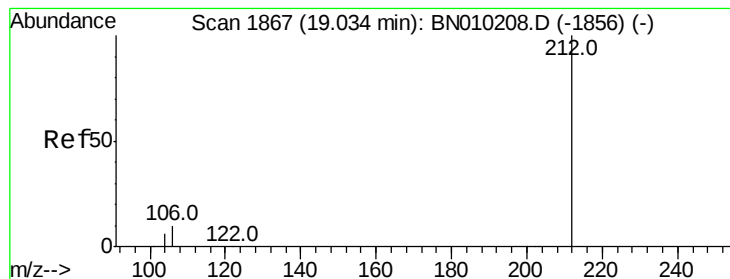


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.03 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

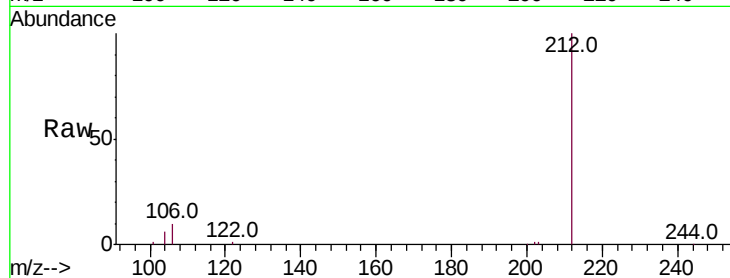
Tot Ion:212 Resp: 23770

Ion Ratio Lower Upper

212 100

106 10.1 8.1 12.1

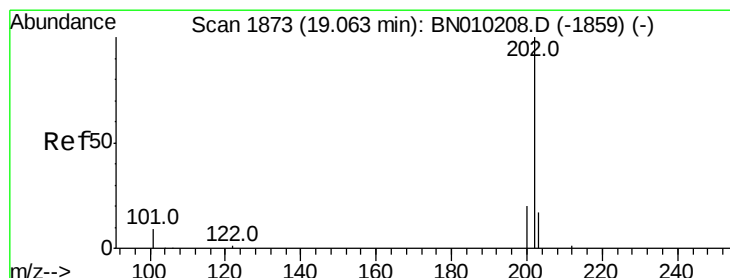
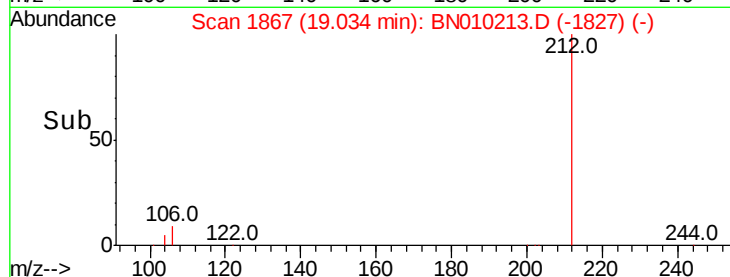
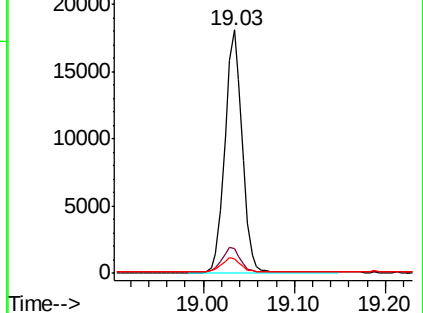
104 5.8 4.7 7.1



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: 0.401 ng

RT: 19.06 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

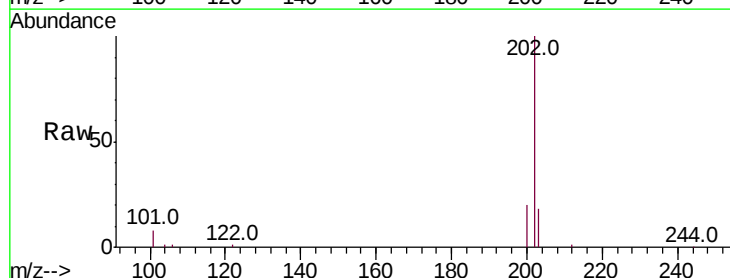
Tgt Ion:202 Resp: 26077

Ion Ratio Lower Upper

202 100

101 8.6 7.0 10.6

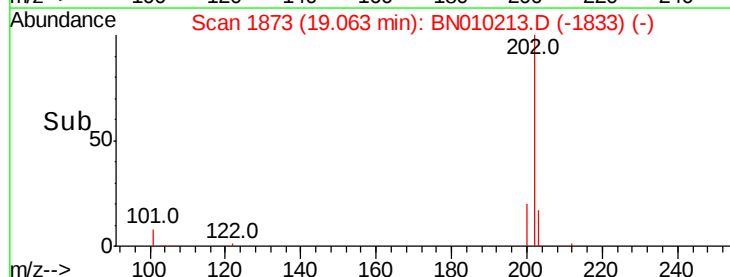
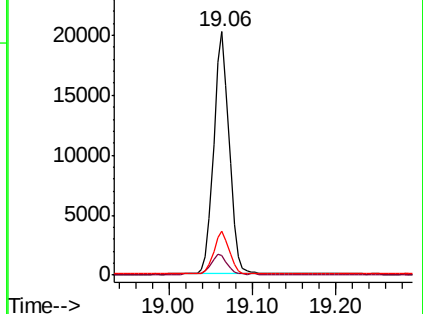
203 17.3 13.9 20.9

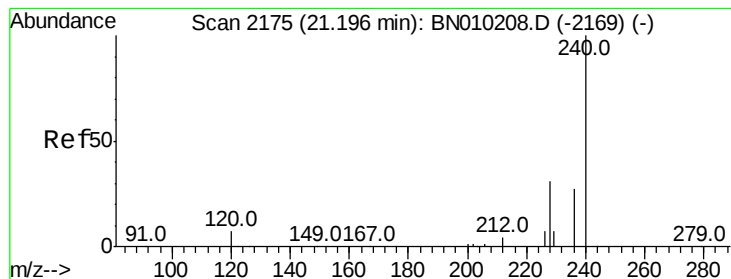


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

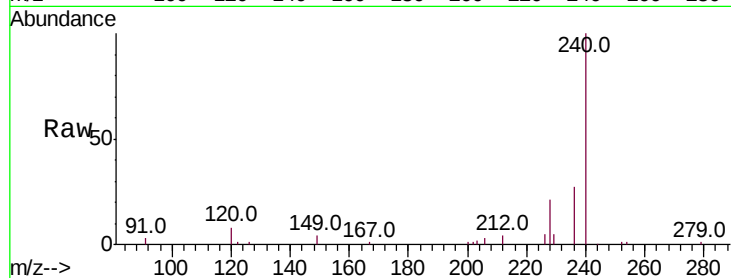
Tot Ion:240 Resp: 20104

Ion Ratio Lower Upper

240 100

120 7.6 7.7 11.5#

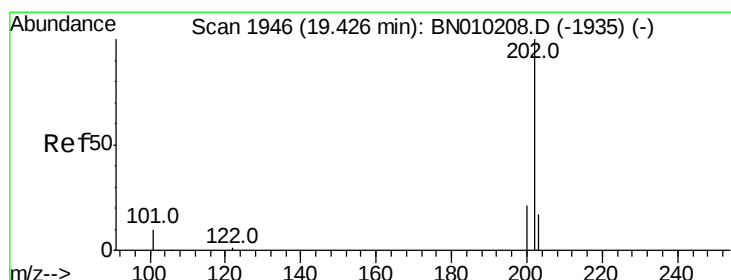
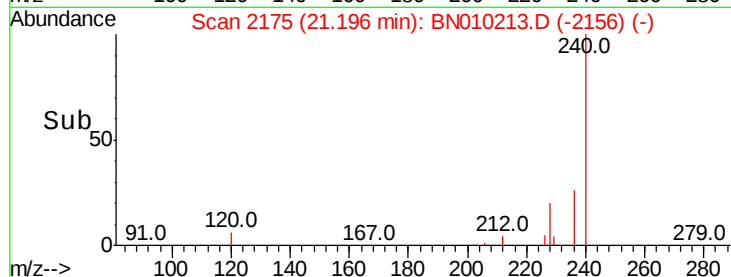
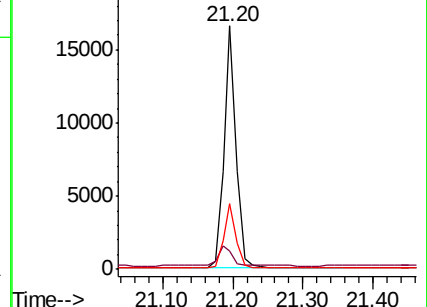
236 26.9 21.8 32.6



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



#28

Pyrene

Concen: 0.403 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

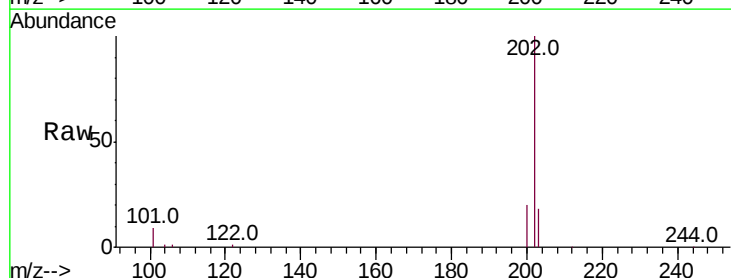
Tgt Ion:202 Resp: 27030

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

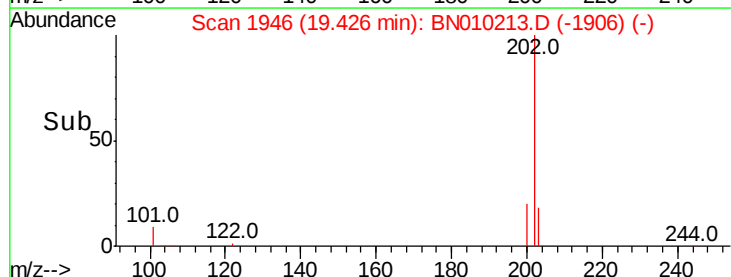
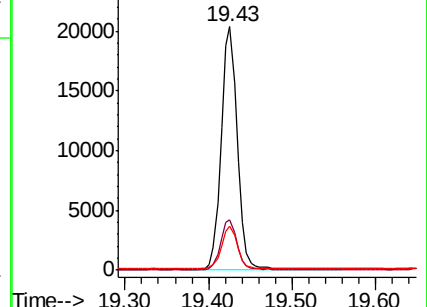
203 17.4 14.1 21.1

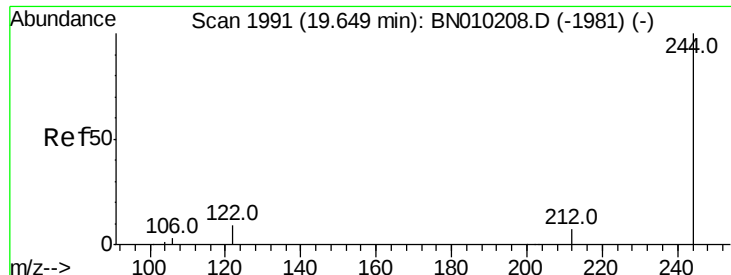


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.400 ng

RT: 19.65 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

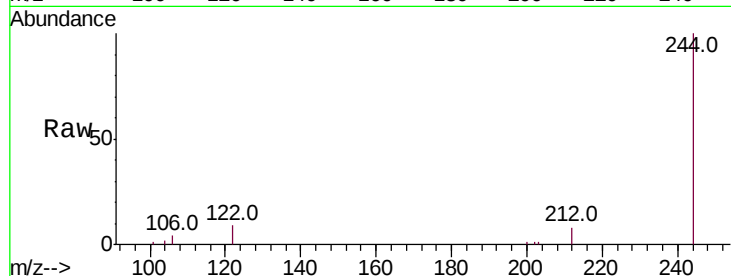
Tot Ion:244 Resp: 18316

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

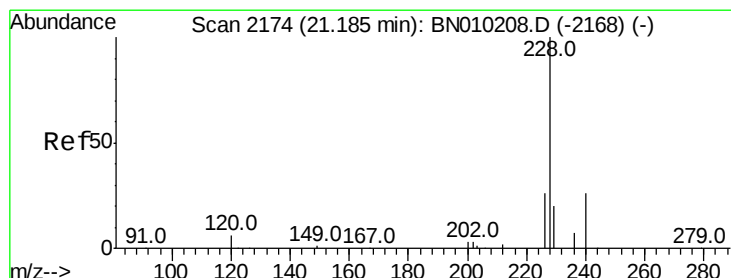
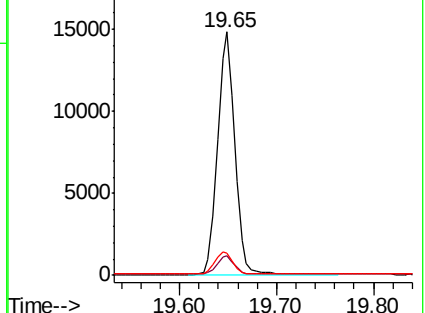
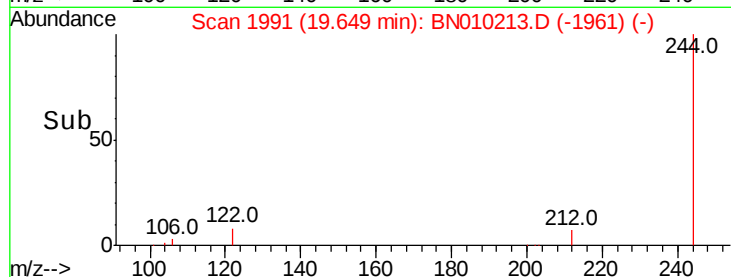
122 9.0 8.1 12.1



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: 0.402 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

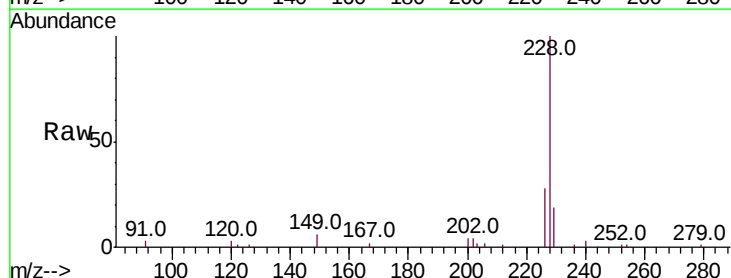
Tgt Ion:228 Resp: 27494

Ion Ratio Lower Upper

228 100

226 27.9 21.1 31.7

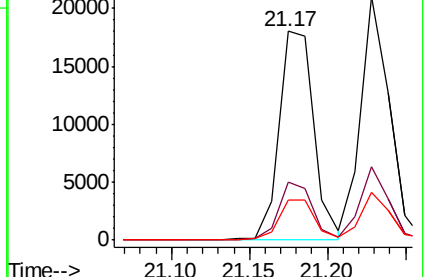
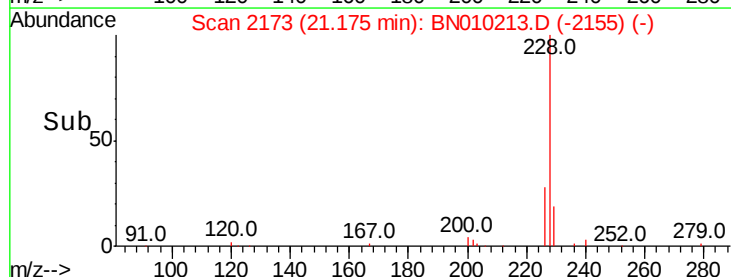
229 19.3 16.2 24.4

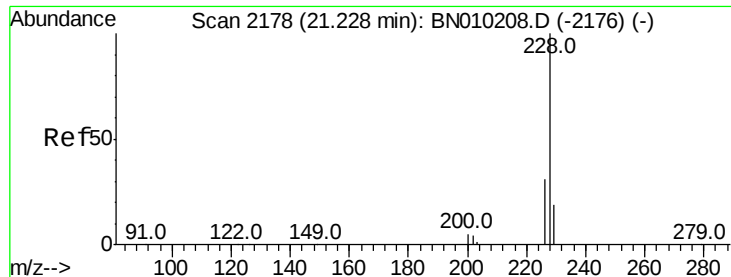


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.398 ng

RT: 21.23 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

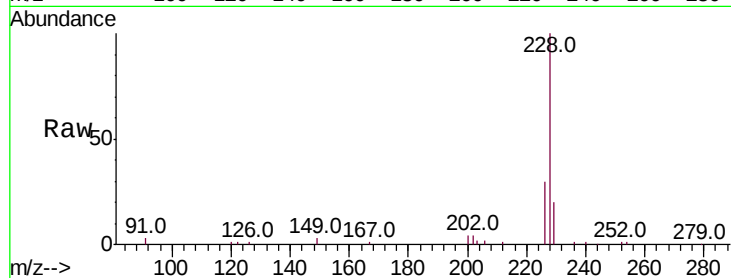
Tot Ion:228 Resp: 26801

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.4

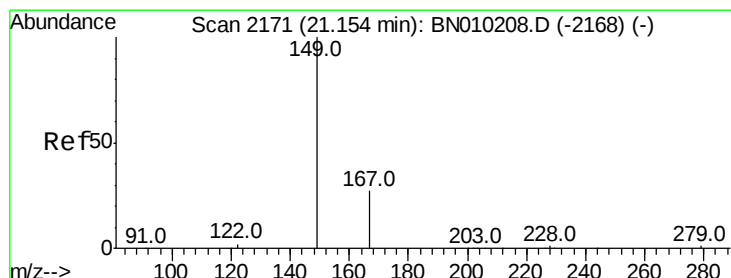
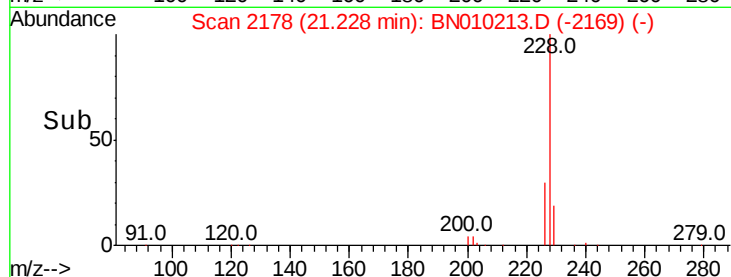
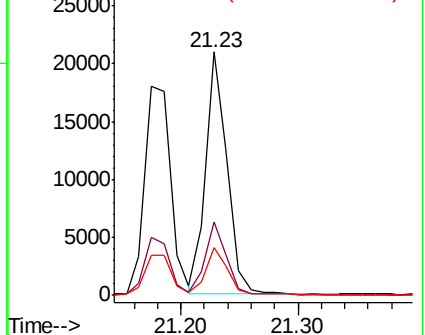
229 19.6 15.7 23.5



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: 0.356 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

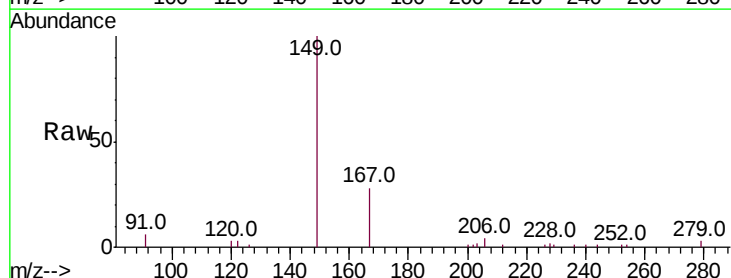
Tgt Ion:149 Resp: 10373

Ion Ratio Lower Upper

149 100

167 28.2 21.0 31.4

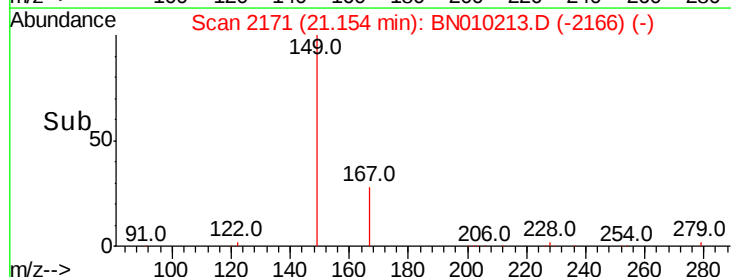
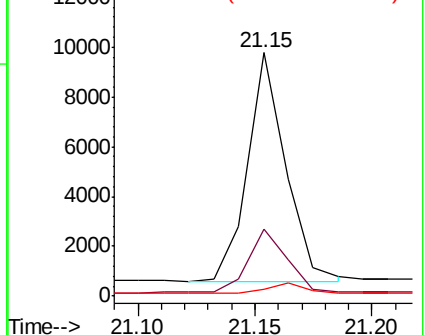
279 5.0 3.1 4.7#

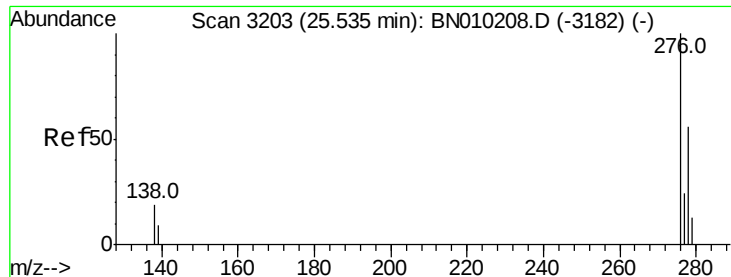


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.415 ng

RT: 25.53 min Scan# 3202

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

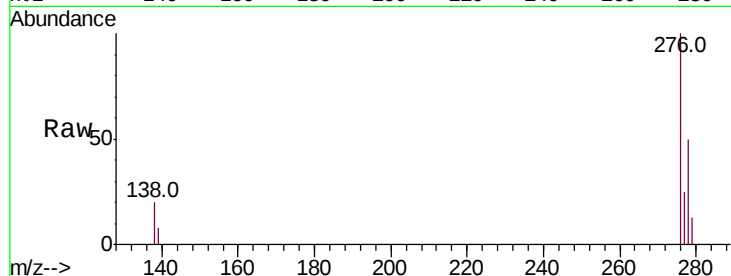
Tot Ion:276 Resp: 33130

Ion Ratio Lower Upper

276 100

138 21.0 15.8 23.6

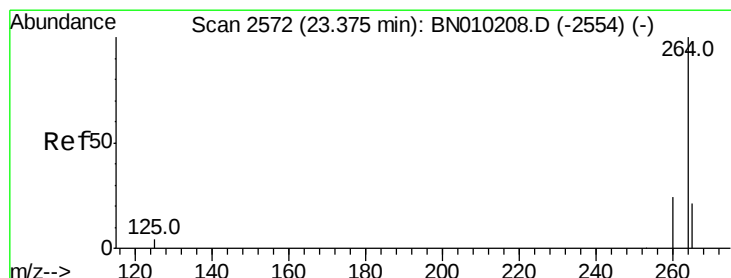
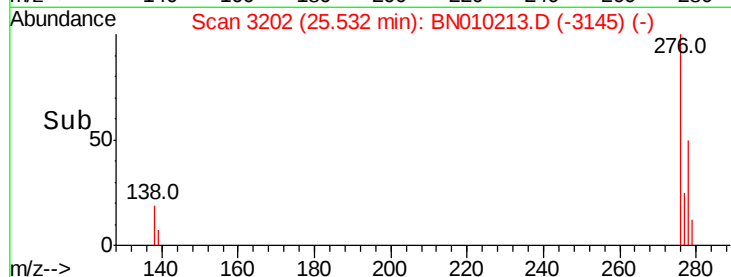
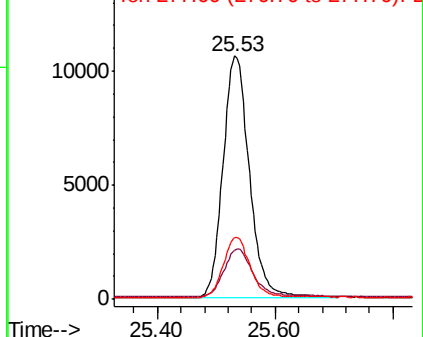
277 24.9 19.3 28.9



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: 23.37 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

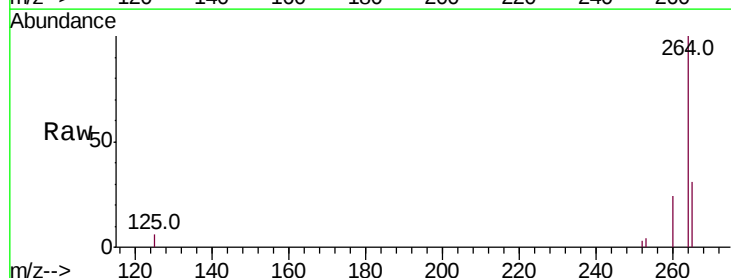
Tgt Ion:264 Resp: 23145

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

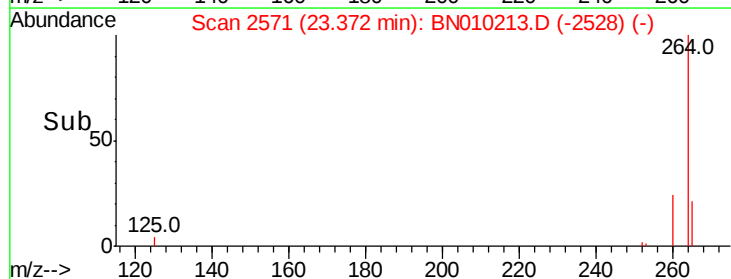
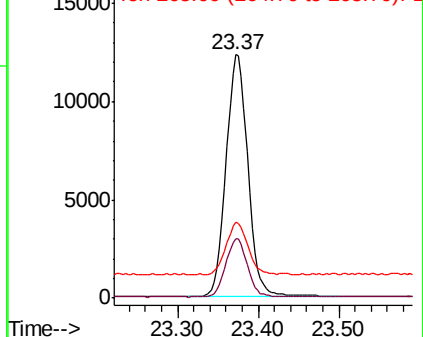
265 31.2 25.8 38.6

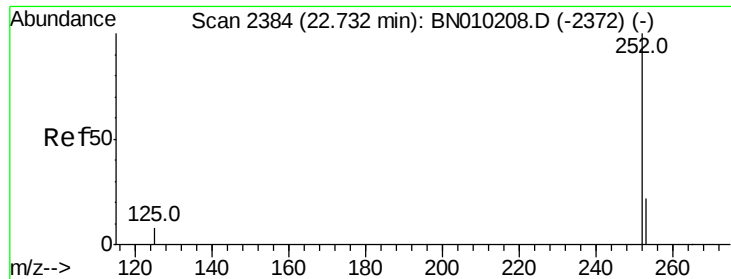


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.388 ng

RT: 22.73 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

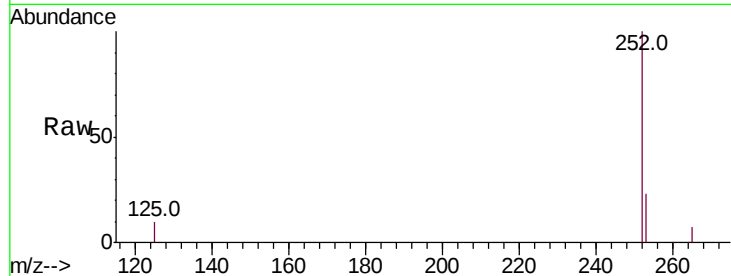
Tot Ion:252 Resp: 27611

Ion Ratio Lower Upper

252 100

253 23.4 18.6 28.0

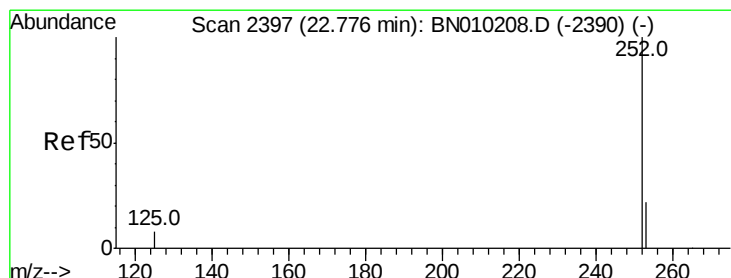
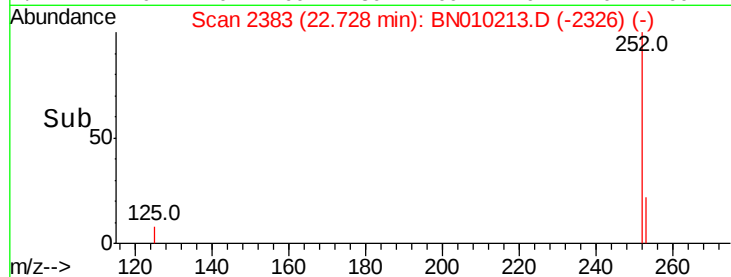
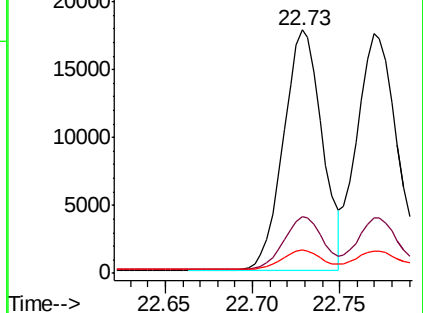
125 9.6 7.9 11.9



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: 0.399 ng

RT: 22.77 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

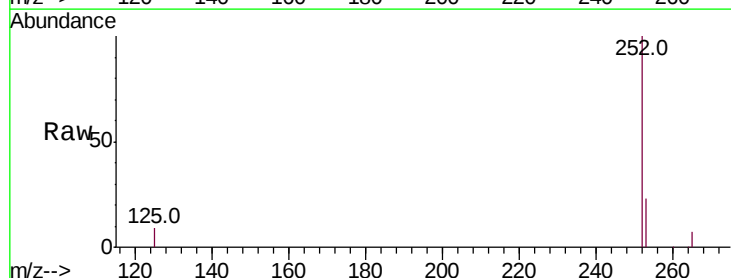
Tgt Ion:252 Resp: 28669

Ion Ratio Lower Upper

252 100

253 23.2 18.8 28.2

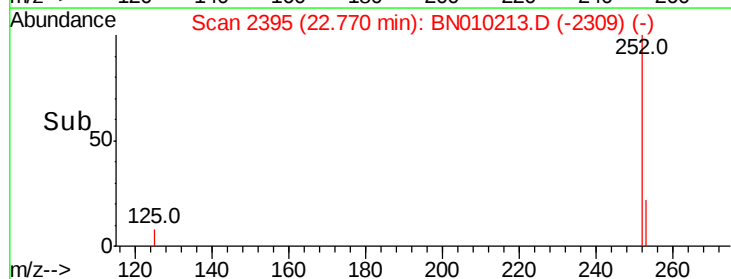
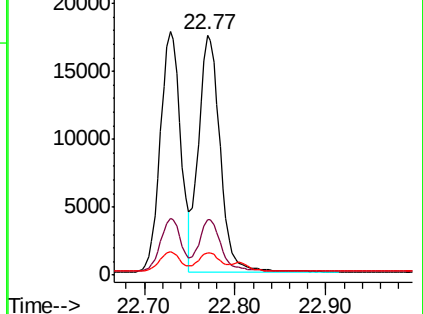
125 9.3 8.2 12.4

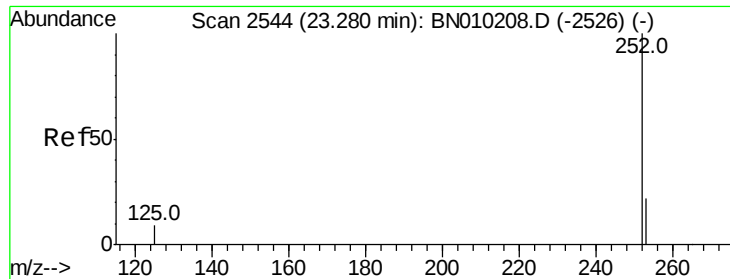


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.388 ng

RT: 23.28 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

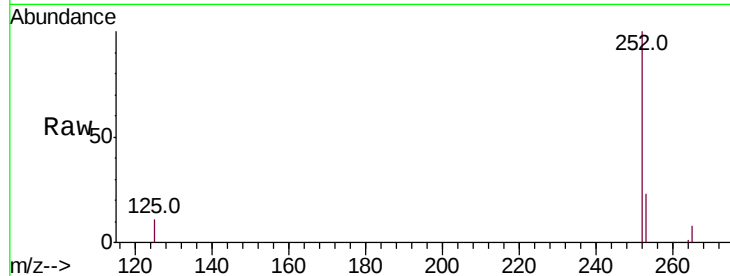
Tot Ion:252 Resp: 26062

Ion Ratio Lower Upper

252 100

253 23.5 19.1 28.7

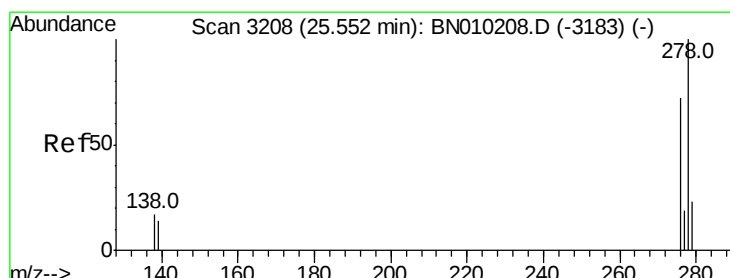
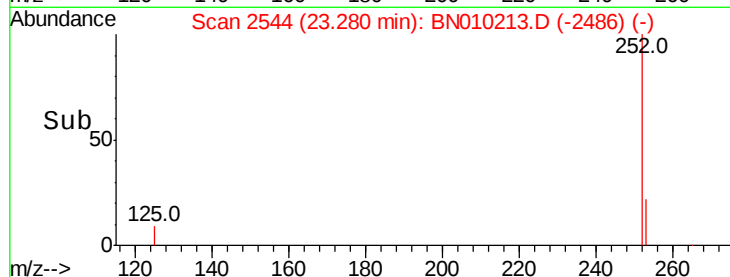
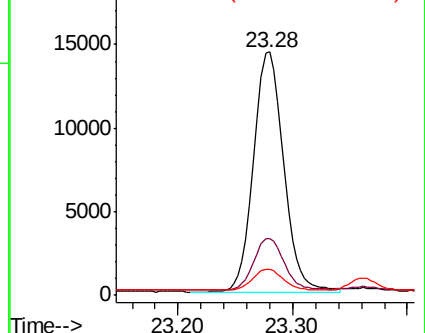
125 10.7 9.2 13.8



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: 0.404 ng

RT: 25.55 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

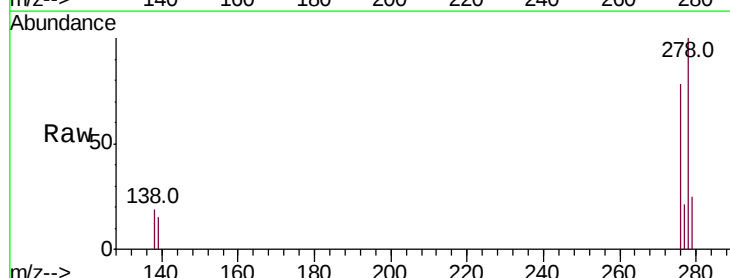
Tgt Ion:278 Resp: 27202

Ion Ratio Lower Upper

278 100

139 14.8 12.4 18.6

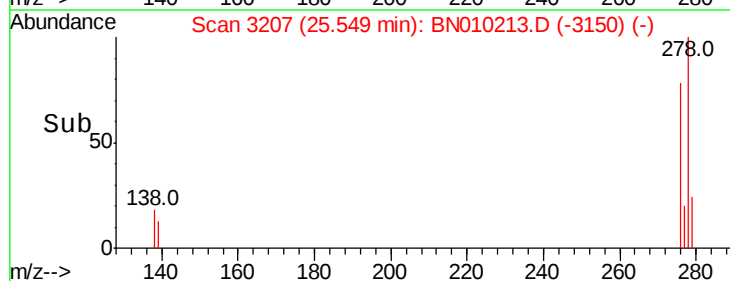
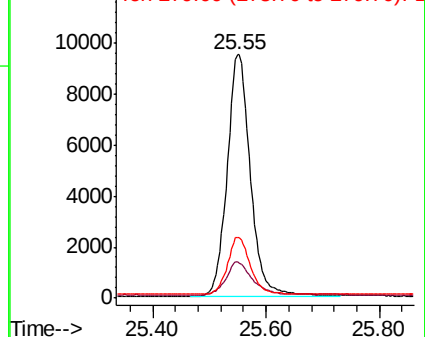
279 25.0 20.2 30.2

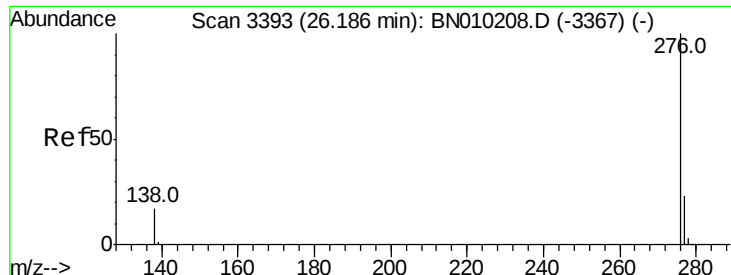


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.401 ng

RT: 26.18 min Scan# 3392

Delta R.T. -0.00 min

Lab File: BN010213.D

Acq: 13 Mar 2020 22:46

Instrument :

BNA_N

ClientSampleId :

ICVBN031320

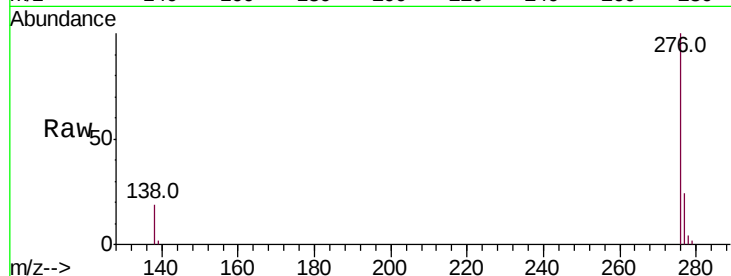
Tot Ion:276 Resp: 26960

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.2

138 18.6 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

