

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
 Data File : BN025877.D
 Acq On : 16 Jun 2023 11:22
 Operator : MA/JU
 Sample : PB153336BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB153336BL

Quant Time: Jun 17 00:55:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:10:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

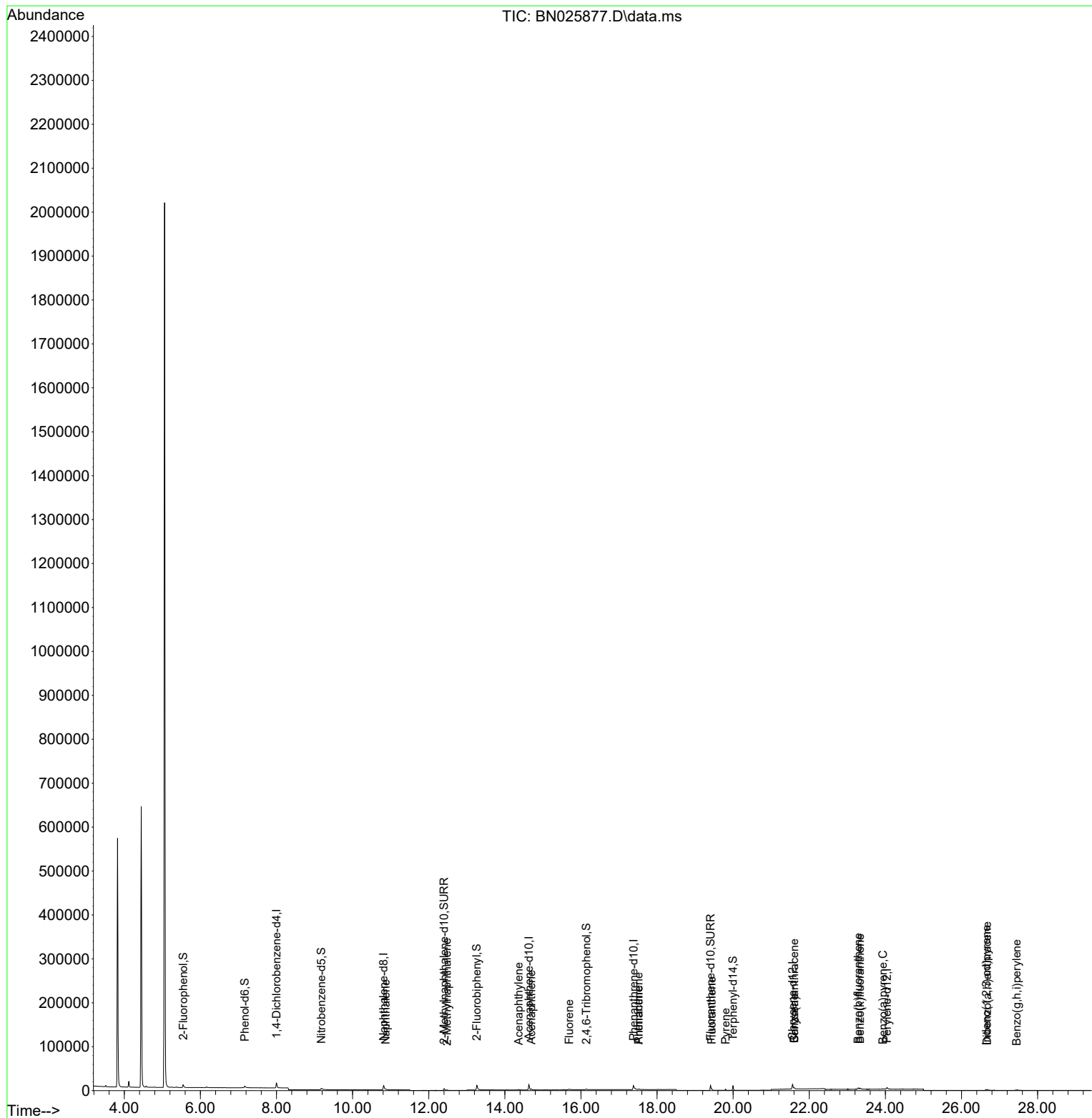
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7078	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	17466	0.400	ng	0.00
13) Acenaphthene-d10	14.630	164	8362	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	17109	0.400	ng	0.00
29) Chrysene-d12	21.560	240	11489	0.400	ng	# 0.00
35) Perylene-d12	24.040	264	5501	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.549	112	6510	0.327	ng	0.00
5) Phenol-d6	7.167	99	6180	0.253	ng	0.01
8) Nitrobenzene-d5	9.180	82	5212	0.321	ng	0.01
11) 2-Methylnaphthalene-d10	12.404	152	9087	0.361	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	847	0.329	ng	0.01
15) 2-Fluorobiphenyl	13.261	172	13540	0.383	ng	0.00
27) Fluoranthene-d10	19.407	212	14588	0.414	ng	0.00
31) Terphenyl-d14	19.997	244	11910	0.427	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.867	128	1398	0.027	ng	# 77
12) 2-Methylnaphthalene	12.479	142	887	0.027	ng	# 91
16) Acenaphthylene	14.363	152	1518	0.038	ng	99
17) Acenaphthene	14.694	154	1090	0.041	ng	99
18) Fluorene	15.693	166	1484	0.044	ng	99
25) Phenanthrene	17.517	178	2369	0.045	ng	98
26) Anthracene	17.517	178	2078	0.043	ng	99
28) Fluoranthene	19.435	202	3252	0.063	ng	99
30) Pyrene	19.802	202	2739	0.042	ng	99
32) Benzo(a)anthracene	21.605	228	3263	0.074	ng	95
33) Chrysene	21.605	228	3158	0.067	ng	97
36) Indeno(1,2,3-cd)pyrene	26.650	276	3108	0.131	ng	# 79
37) Benzo(b)fluoranthene	23.285	252	4367	0.201	ng	# 64
38) Benzo(k)fluoranthene	23.335	252	3492	0.158	ng	# 55
39) Benzo(a)pyrene	23.937	252	1840	0.090	ng	# 5
40) Dibenzo(a,h)anthracene	26.674	278	2849	0.149	ng	# 54
41) Benzo(g,h,i)perylene	27.449	276	3035	0.142	ng	# 87

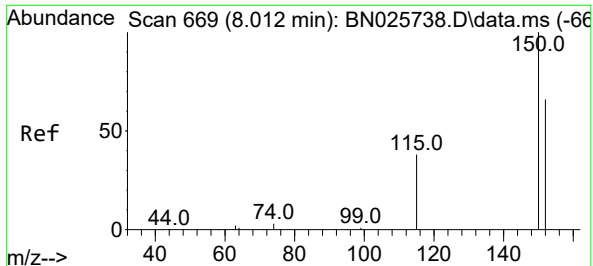
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
Data File : BN025877.D
Acq On : 16 Jun 2023 11:22
Operator : MA/JU
Sample : PB153336BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153336BL

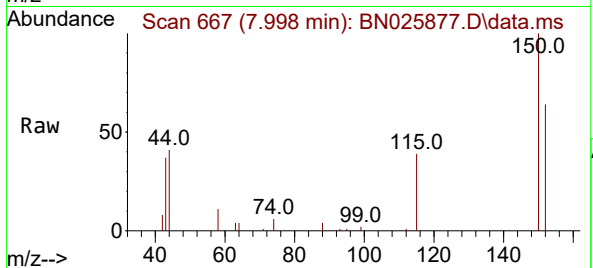
Quant Time: Jun 17 00:55:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 14:10:48 2023
Response via : Initial Calibration



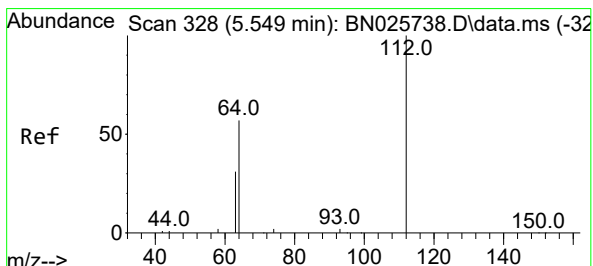
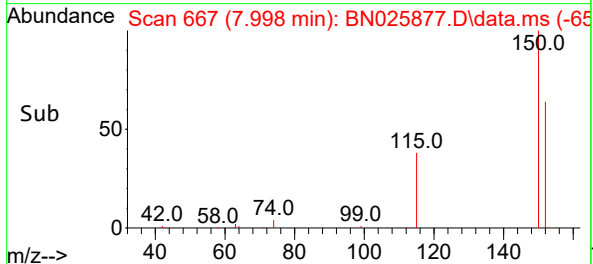
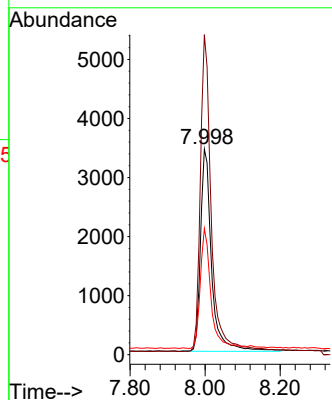


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.998 min Scan# 669
Delta R.T. -0.000 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

Instrument :
BNA_N
ClientSampleId :
PB153336BL

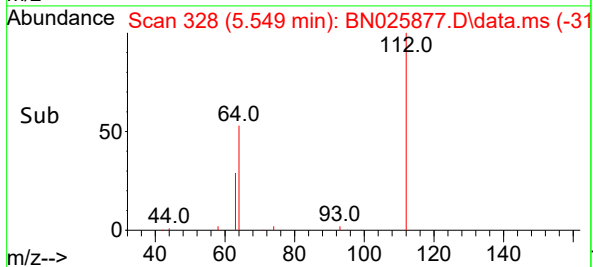
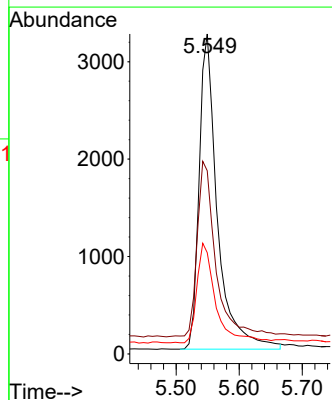
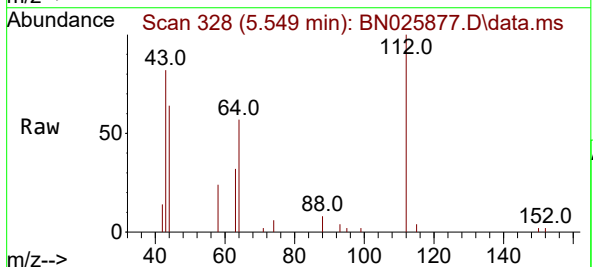


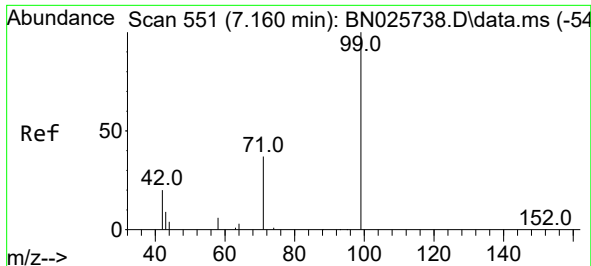
Tgt Ion:152 Resp: 7078
Ion Ratio Lower Upper
152 100
150 155.6 121.5 182.3
115 61.3 47.7 71.5



#4
2-Fluorophenol
Concen: 0.327 ng
RT: 5.549 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

Tgt Ion:112 Resp: 6510
Ion Ratio Lower Upper
112 100
64 56.9 47.5 71.3
63 32.5 26.2 39.4

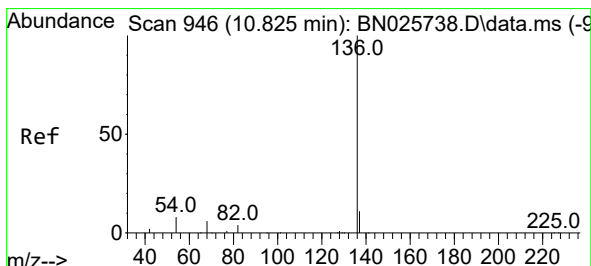
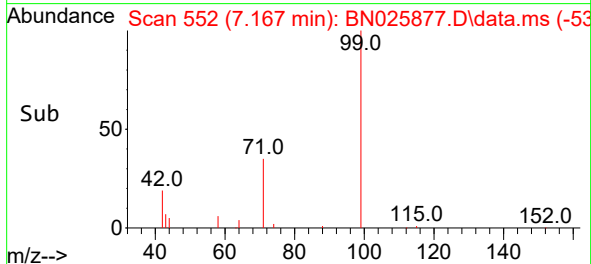
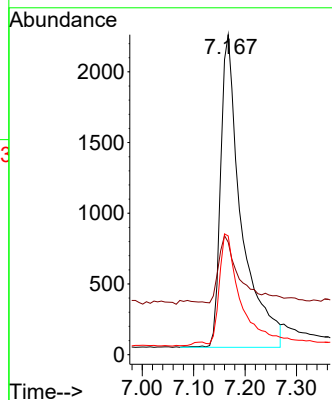
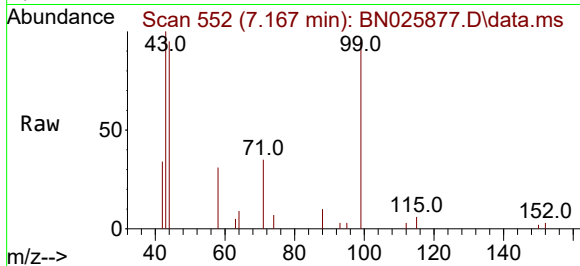




#5
Phenol-d6
Concen: 0.253 ng
RT: 7.167 min Scan# 511
Delta R.T. 0.014 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

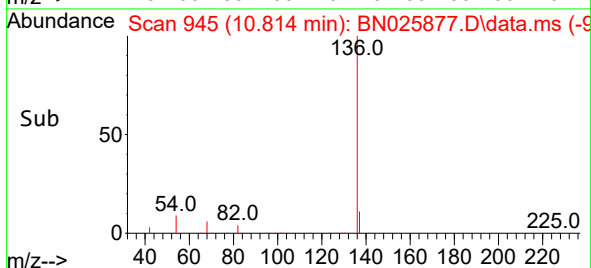
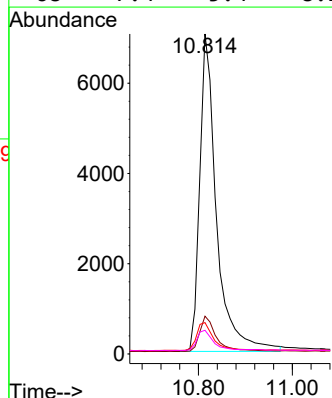
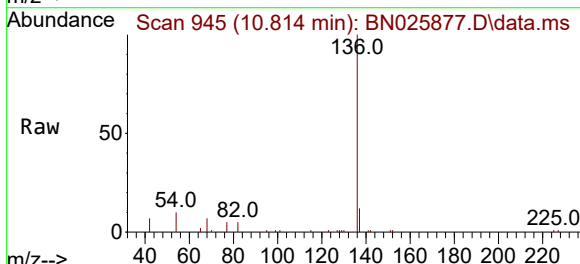
Instrument :
BNA_N
ClientSampleId :
PB153336BL

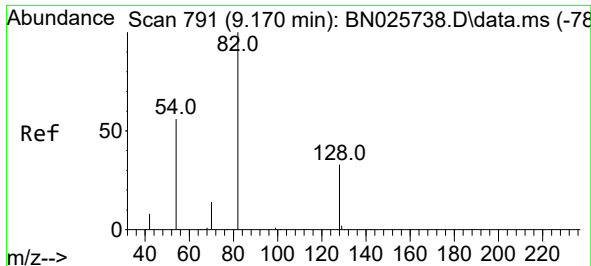
Tgt Ion: 99 Resp: 6180
Ion Ratio Lower Upper
99 100
42 21.5 18.6 28.0
71 35.0 30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

Tgt Ion: 136 Resp: 17466
Ion Ratio Lower Upper
136 100
137 11.8 9.3 13.9
54 9.8 7.2 10.8
68 7.4 5.4 8.2

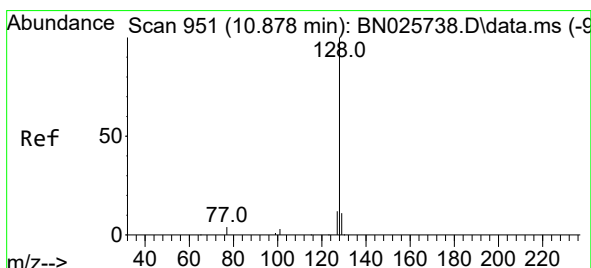
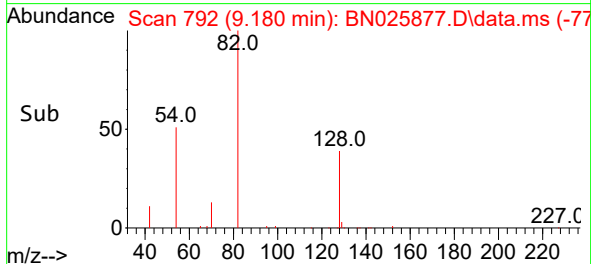
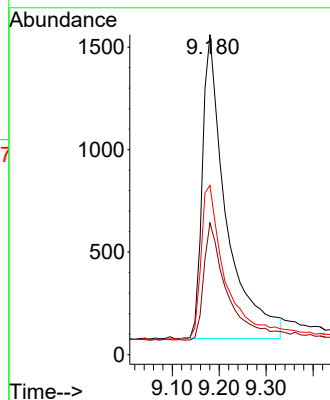
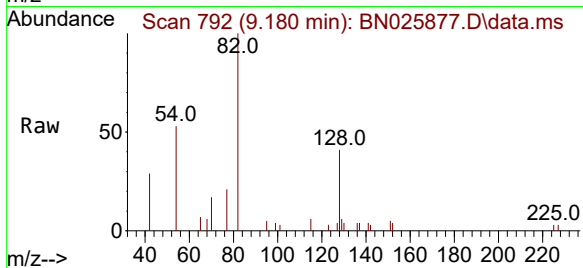




#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 9.180 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

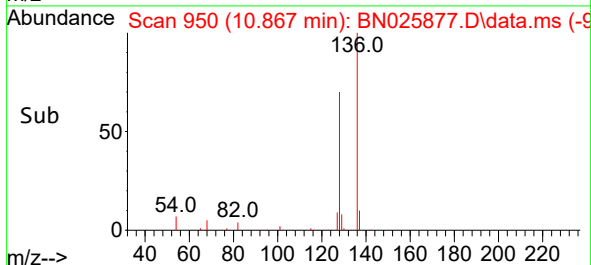
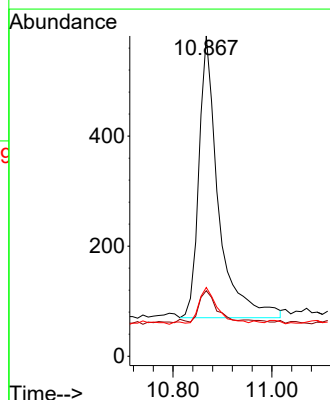
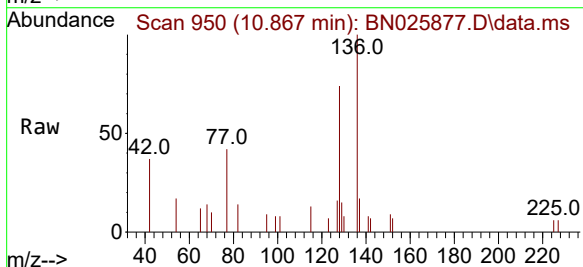
Instrument :
BNA_N
ClientSampleId :
PB153336BL

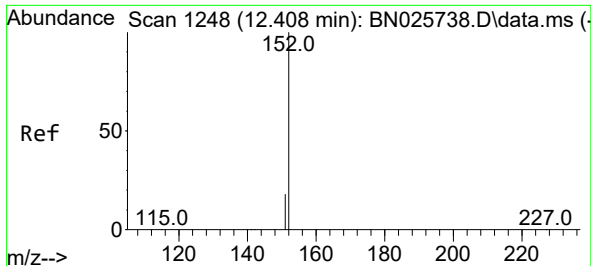
Tgt Ion: 82 Resp: 5212
Ion Ratio Lower Upper
82 100
128 41.1 27.6 41.4
54 52.9 45.7 68.5



#9
Naphthalene
Concen: 0.027 ng
RT: 10.867 min Scan# 950
Delta R.T. 0.011 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

Tgt Ion: 128 Resp: 1398
Ion Ratio Lower Upper
128 100
129 20.4 9.1 13.7#
127 21.5 10.3 15.5#

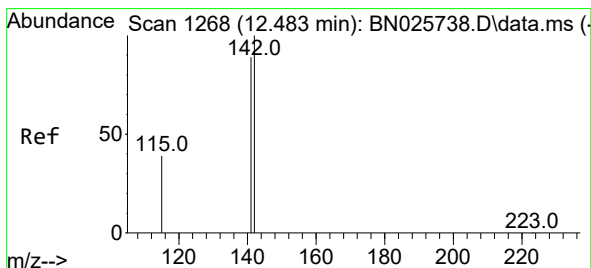
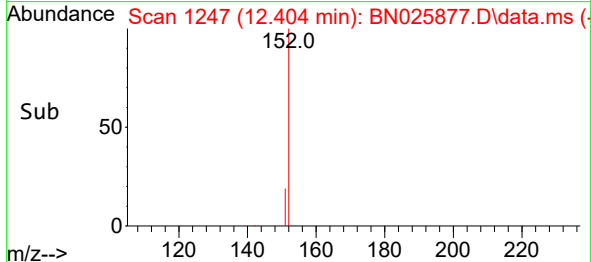
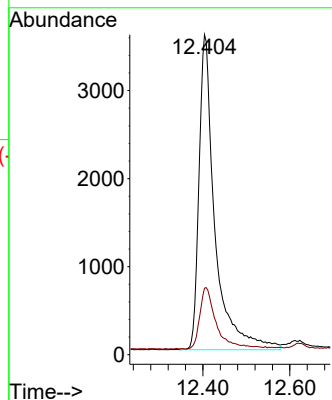
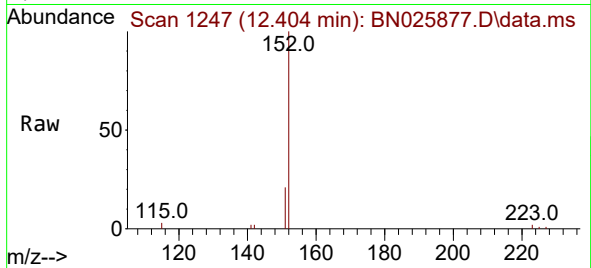




#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.404 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

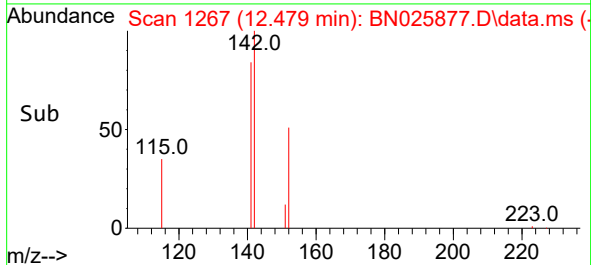
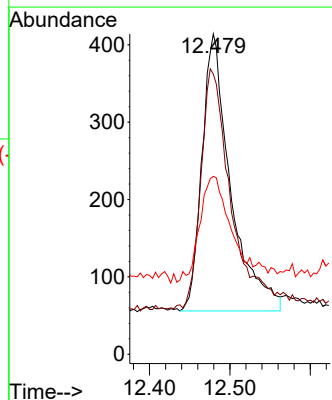
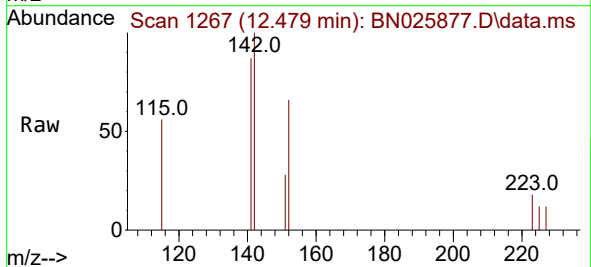
Instrument :
BNA_N
ClientSampleId :
PB153336BL

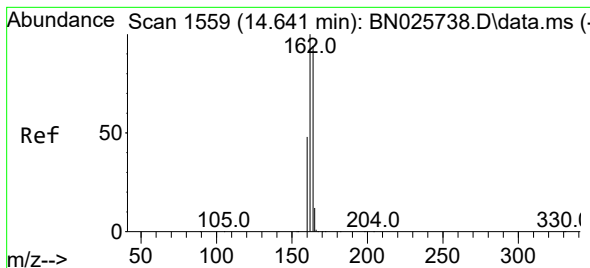
Tgt Ion:152 Resp: 9087
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6



#12
2-Methylnaphthalene
Concen: 0.027 ng
RT: 12.479 min Scan# 1267
Delta R.T. 0.011 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

Tgt Ion:142 Resp: 887
Ion Ratio Lower Upper
142 100
141 87.4 71.2 106.8
115 55.6 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.630 min Scan# 1558

Delta R.T. -0.000 min

Lab File: BN025877.D

Acq: 16 Jun 2023 11:22

Instrument :

BNA_N

ClientSampleId :

PB153336BL

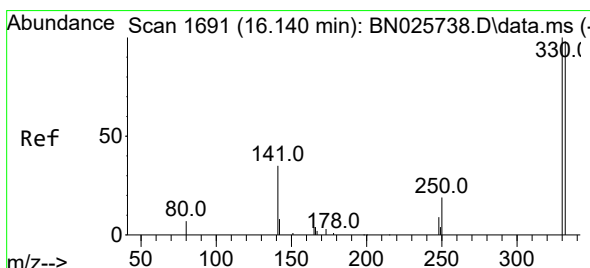
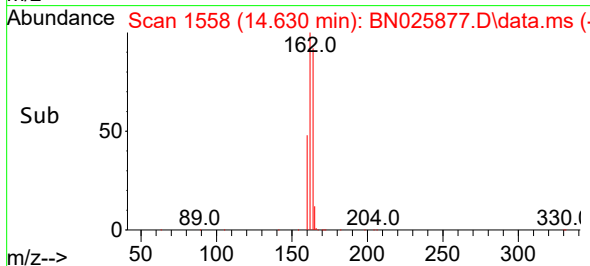
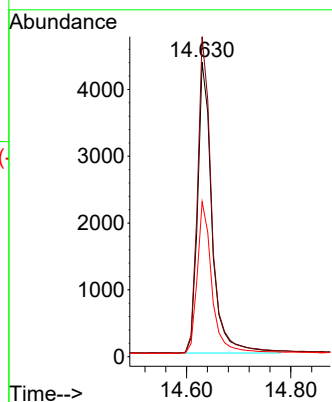
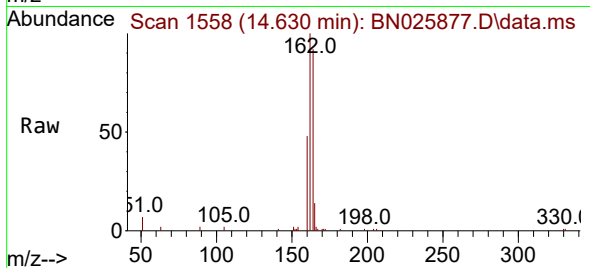
Tgt Ion:164 Resp: 8362

Ion Ratio Lower Upper

164 100

162 108.7 85.0 127.6

160 52.6 41.1 61.7



#14

2,4,6-Tribromophenol

Concen: 0.329 ng

RT: 16.140 min Scan# 1691

Delta R.T. 0.012 min

Lab File: BN025877.D

Acq: 16 Jun 2023 11:22

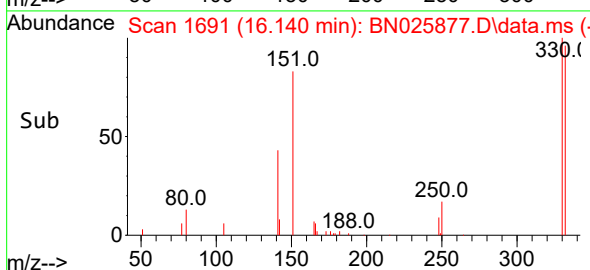
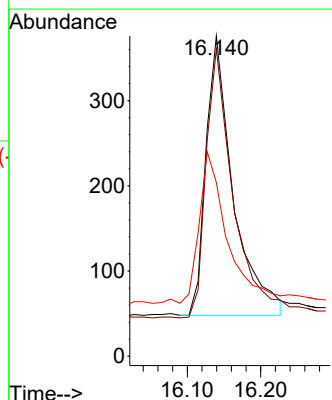
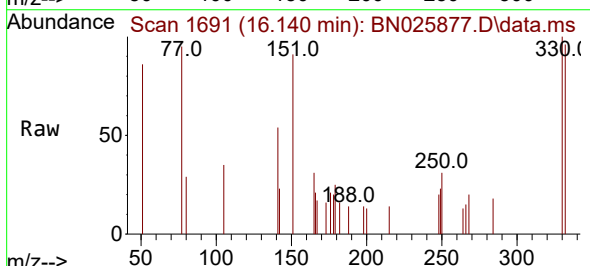
Tgt Ion:330 Resp: 847

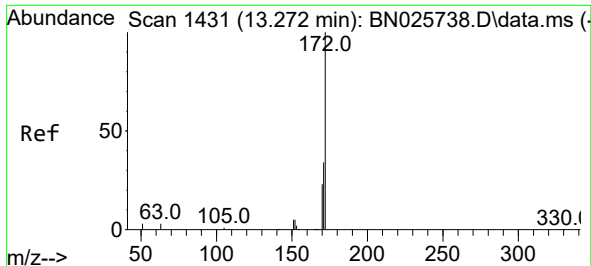
Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 56.3 55.0 82.6

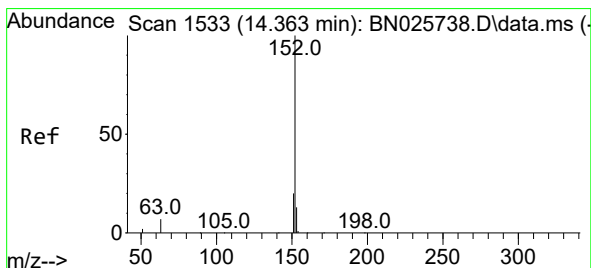
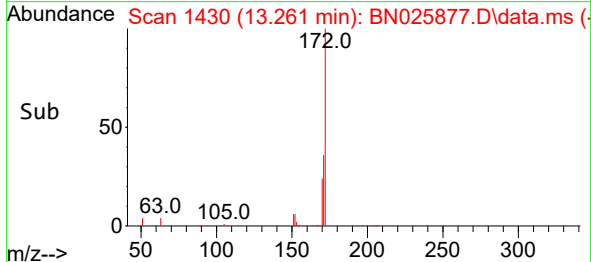
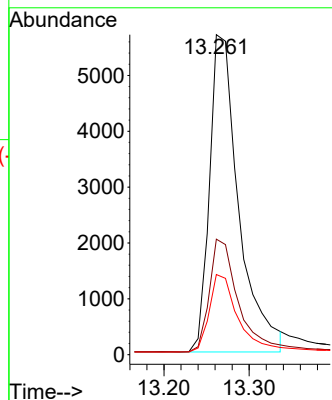
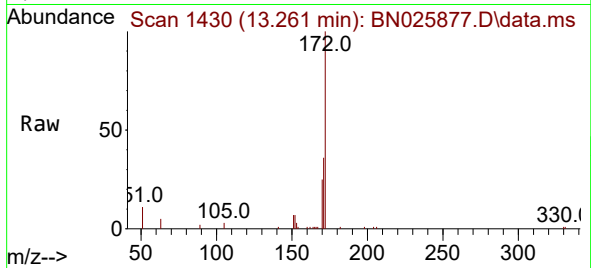




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.261 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

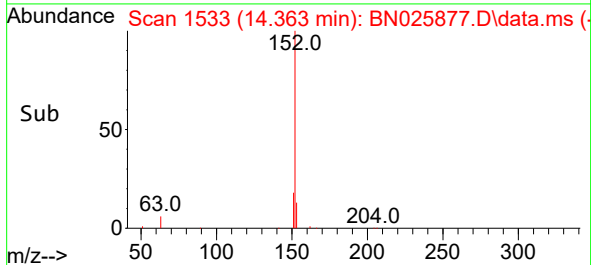
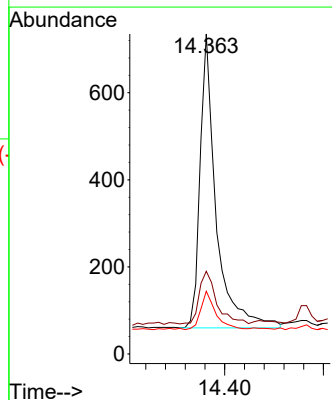
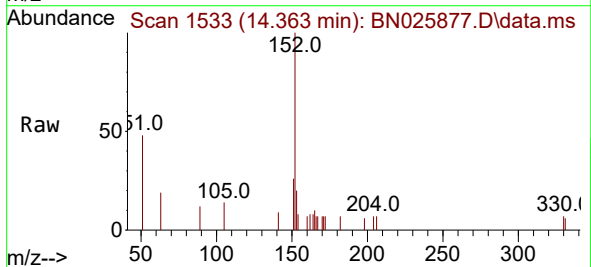
Instrument :
BNA_N
ClientSampleId :
PB153336BL

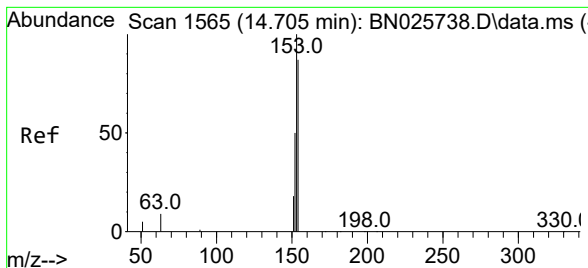
Tgt Ion:172 Resp: 13540
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 25.0 18.6 28.0



#16
Acenaphthylene
Concen: 0.038 ng
RT: 14.363 min Scan# 1533
Delta R.T. 0.011 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

Tgt Ion:152 Resp: 1518
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.0
153 12.4 10.4 15.6





#17

Acenaphthene

Concen: 0.041 ng

RT: 14.694 min Scan# 1564

Delta R.T. -0.000 min

Lab File: BN025877.D

Acq: 16 Jun 2023 11:22

Instrument :

BNA_N

ClientSampleId :

PB153336BL

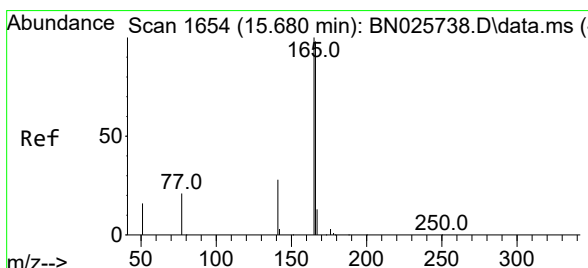
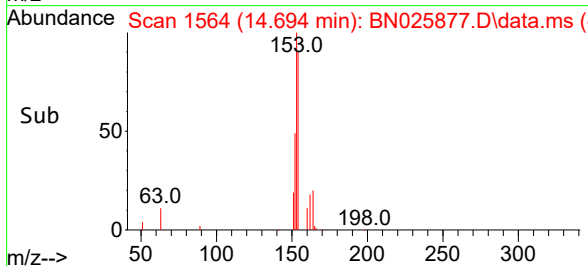
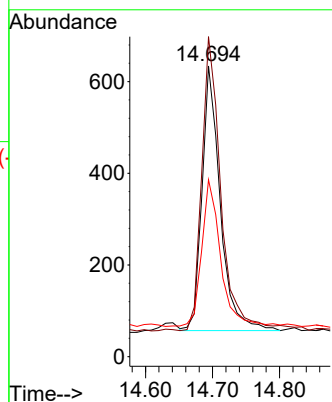
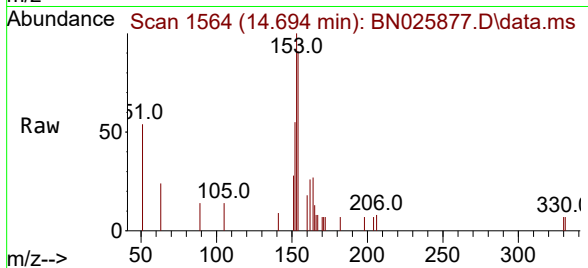
Tgt Ion:154 Resp: 1090

Ion Ratio Lower Upper

154 100

153 118.3 93.0 139.6

152 58.1 46.5 69.7



#18

Fluorene

Concen: 0.044 ng

RT: 15.693 min Scan# 1655

Delta R.T. 0.025 min

Lab File: BN025877.D

Acq: 16 Jun 2023 11:22

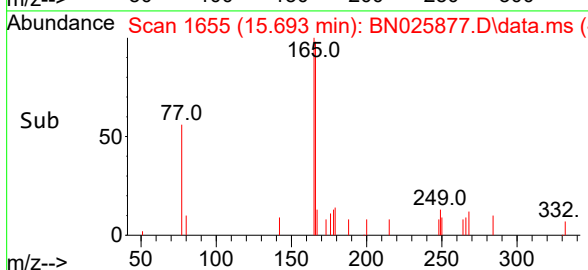
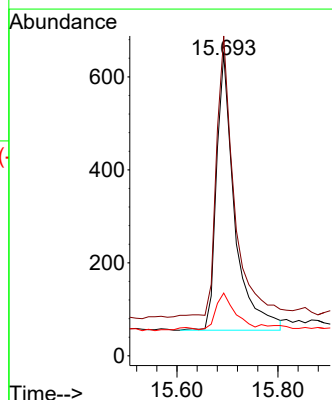
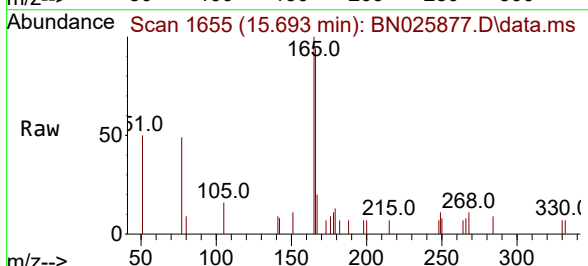
Tgt Ion:166 Resp: 1484

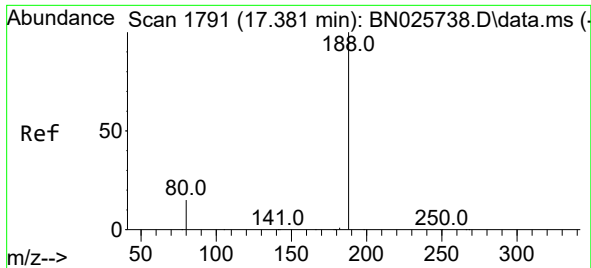
Ion Ratio Lower Upper

166 100

165 100.7 80.1 120.1

167 14.0 10.7 16.1

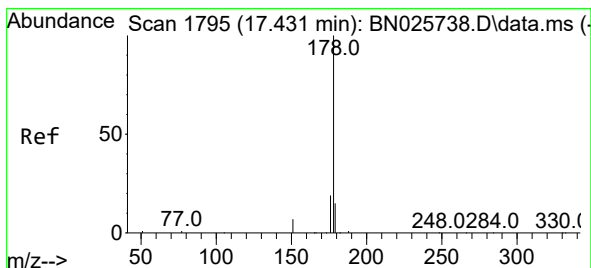
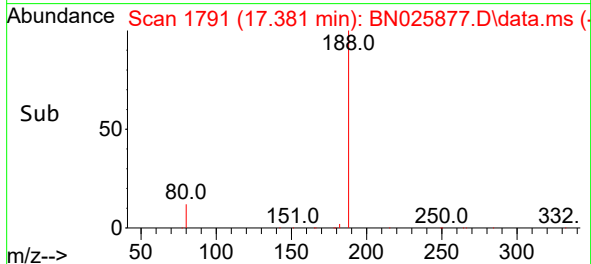
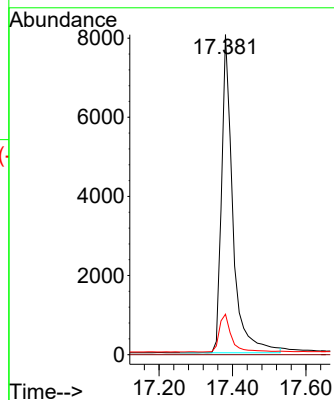
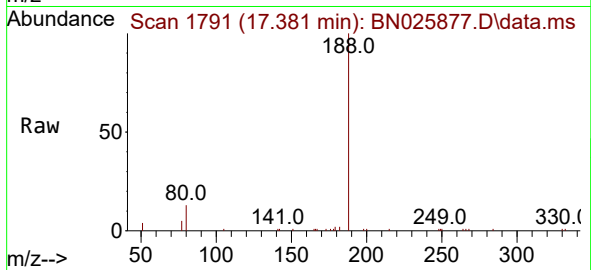




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

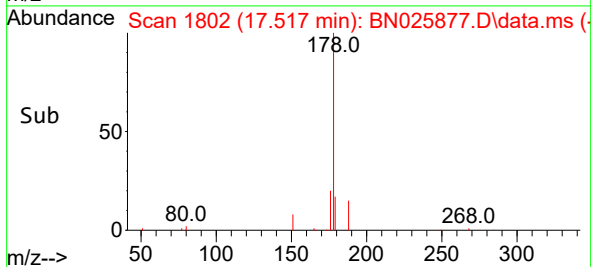
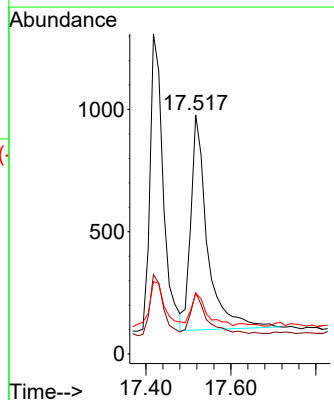
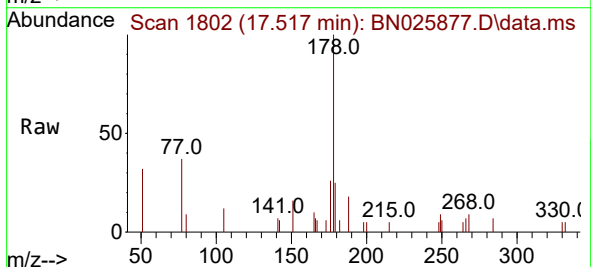
Instrument :
BNA_N
ClientSampleId :
PB153336BL

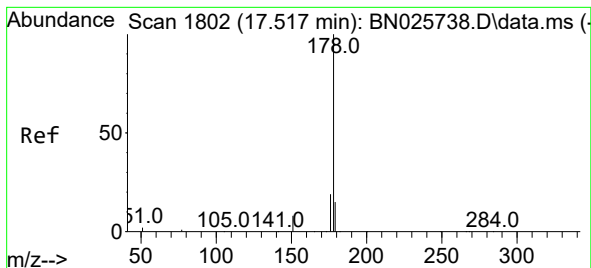
Tgt Ion:188 Resp: 17109
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 12.1 18.1



#25
Phenanthrene
Concen: 0.045 ng
RT: 17.517 min Scan# 1802
Delta R.T. 0.099 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

Tgt Ion:178 Resp: 2369
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 14.2 12.2 18.2





#26

Anthracene

Concen: 0.043 ng

RT: 17.517 min Scan# 1802

Delta R.T. 0.012 min

Lab File: BN025877.D

Acq: 16 Jun 2023 11:22

Instrument :

BNA_N

ClientSampleId :

PB153336BL

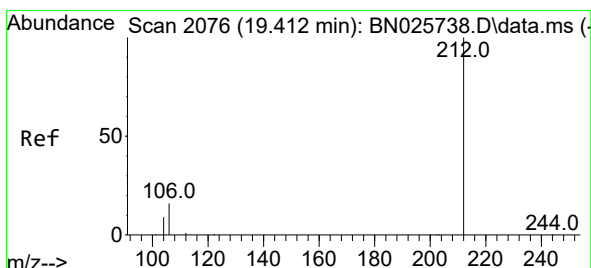
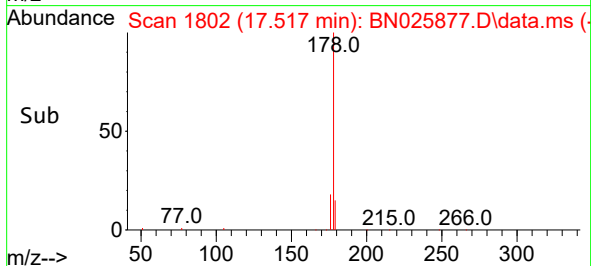
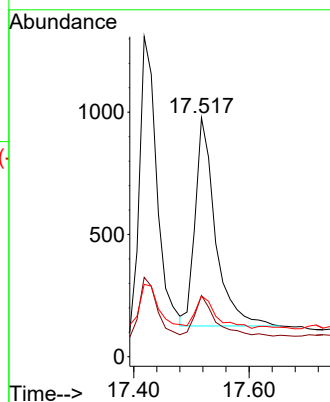
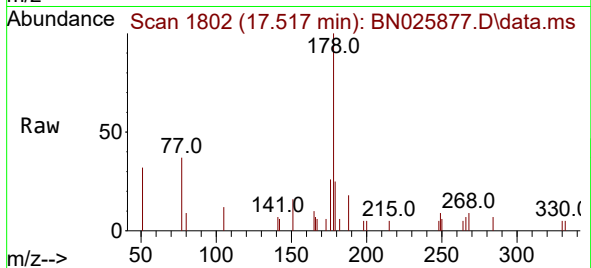
Tgt Ion:178 Resp: 2078

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

179 15.5 12.2 18.2



#27

Fluoranthene-d10

Concen: 0.414 ng

RT: 19.407 min Scan# 2075

Delta R.T. -0.000 min

Lab File: BN025877.D

Acq: 16 Jun 2023 11:22

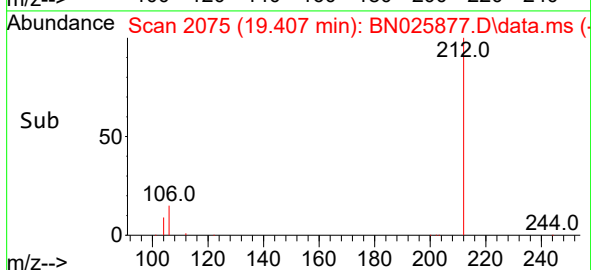
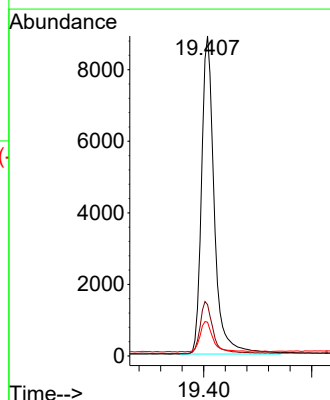
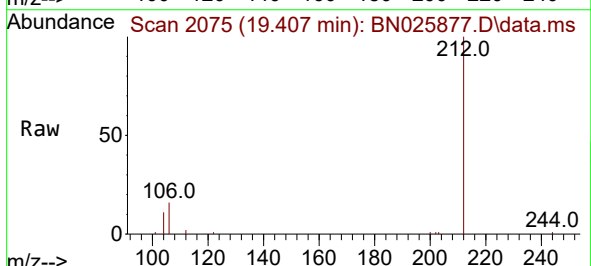
Tgt Ion:212 Resp: 14588

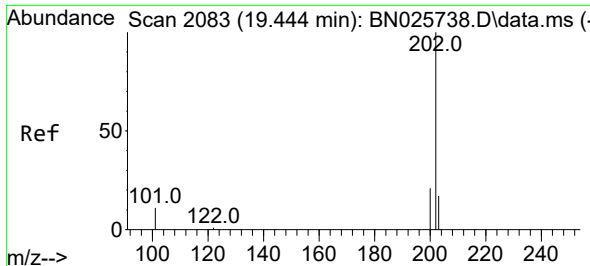
Ion Ratio Lower Upper

212 100

106 16.4 13.0 19.6

104 9.6 7.7 11.5

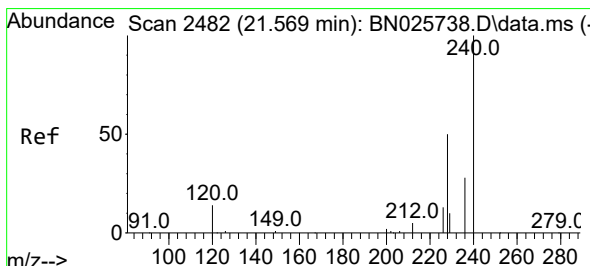
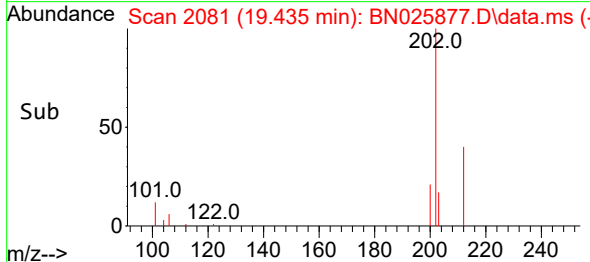
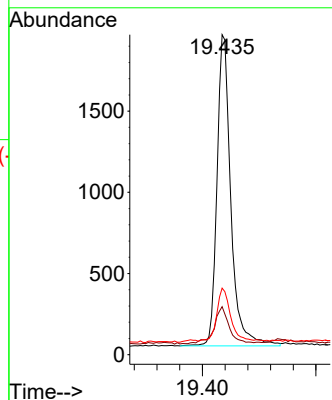
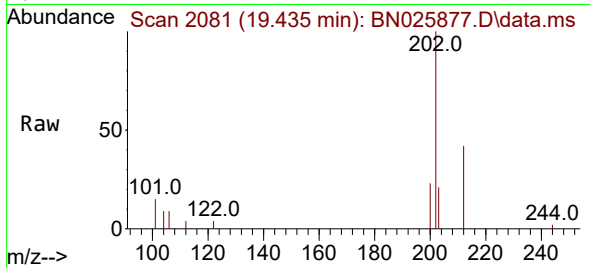




#28
Fluoranthene
Concen: 0.063 ng
RT: 19.435 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

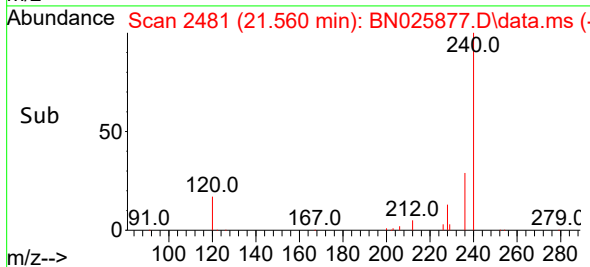
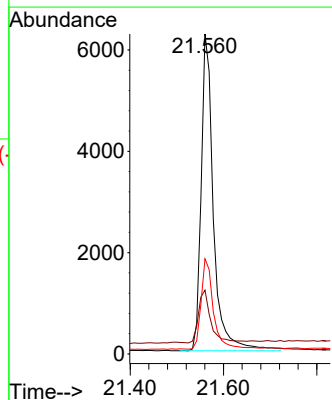
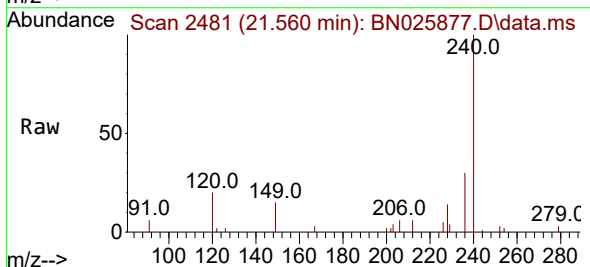
Instrument :
BNA_N
ClientSampleId :
PB153336BL

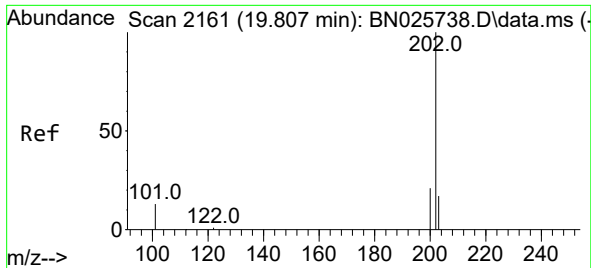
Tgt Ion:202 Resp: 3252
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.8
203 17.0 13.4 20.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.560 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

Tgt Ion:240 Resp: 11489
Ion Ratio Lower Upper
240 100
120 19.9 13.2 19.8#
236 29.7 23.1 34.7

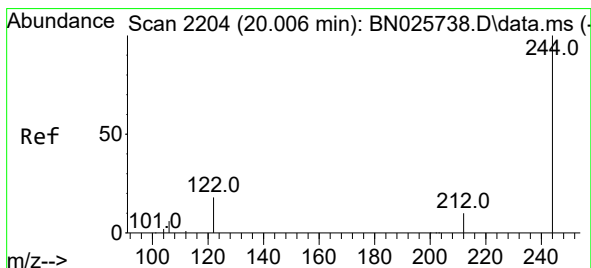
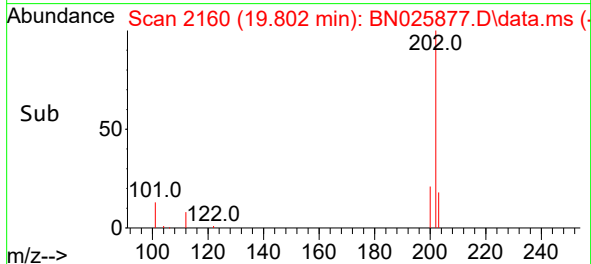
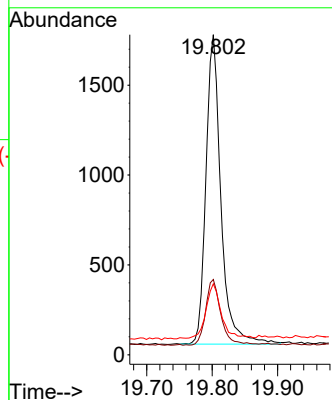
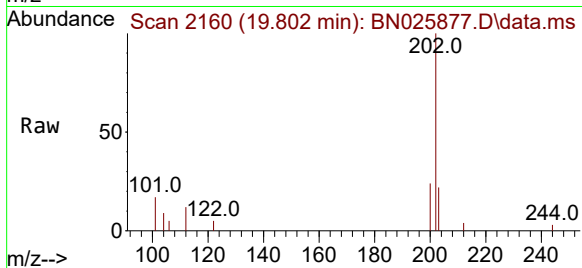




#30
Pyrene
Concen: 0.042 ng
RT: 19.802 min Scan# 2160
Delta R.T. 0.005 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

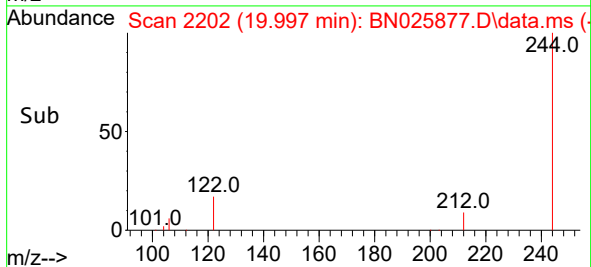
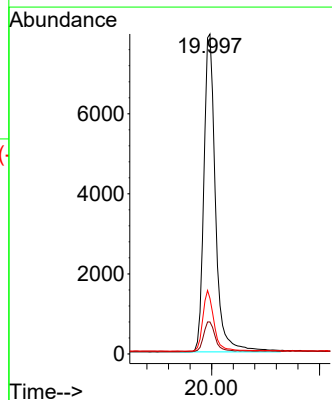
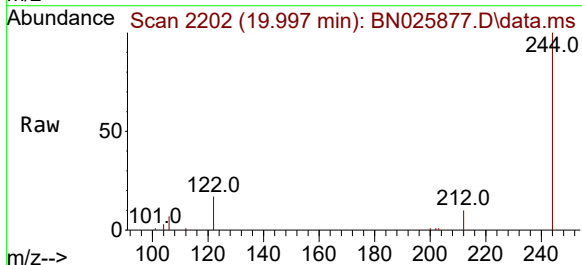
Instrument :
BNA_N
ClientSampleId :
PB153336BL

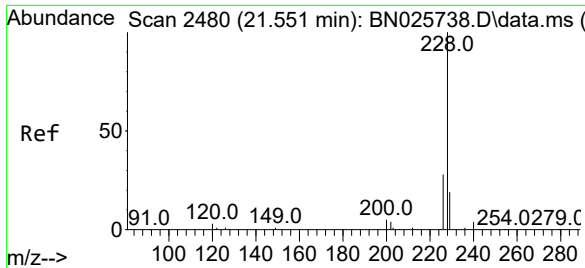
Tgt Ion:202 Resp: 2739
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 18.8 14.2 21.2



#31
Terphenyl-d14
Concen: 0.427 ng
RT: 19.997 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

Tgt Ion:244 Resp: 11910
Ion Ratio Lower Upper
244 100
212 10.0 8.6 12.8
122 17.4 15.2 22.8

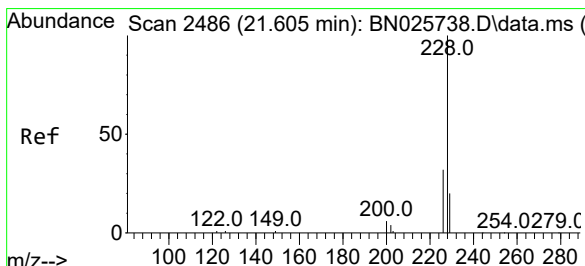
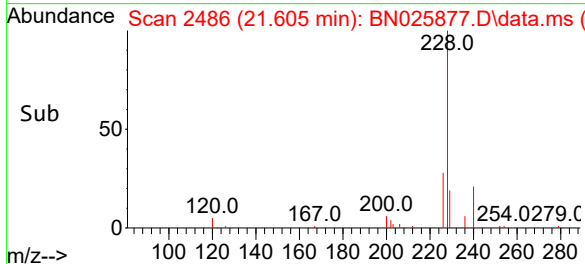
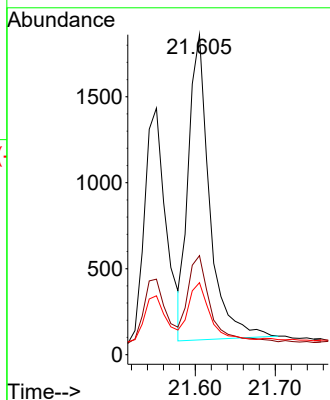
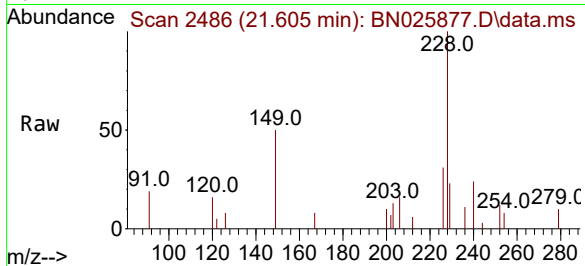




#32
Benzo(a)anthracene
Concen: 0.074 ng
RT: 21.605 min Scan# 2486
Delta R.T. 0.063 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

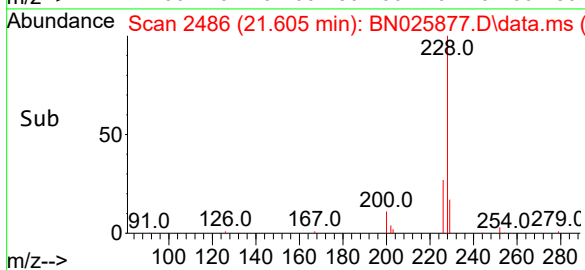
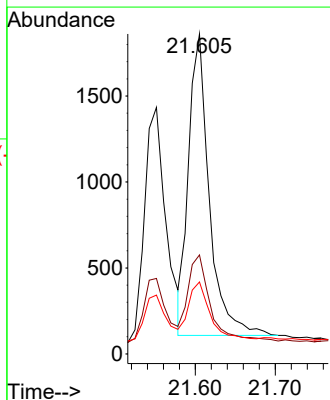
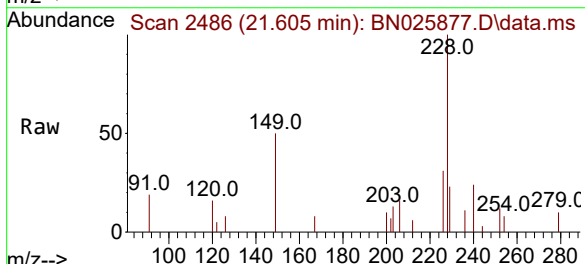
Instrument :
BNA_N
ClientSampleId :
PB153336BL

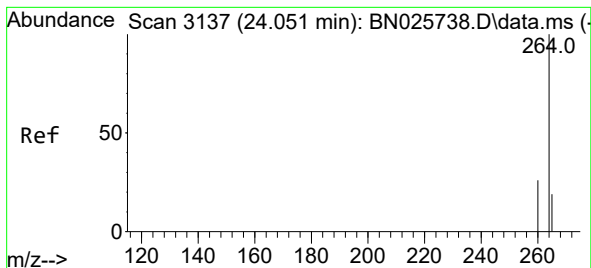
Tgt Ion:228 Resp: 3263
Ion Ratio Lower Upper
228 100
226 31.0 22.9 34.3
229 22.5 15.6 23.4



#33
Chrysene
Concen: 0.067 ng
RT: 21.605 min Scan# 2486
Delta R.T. 0.009 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

Tgt Ion:228 Resp: 3158
Ion Ratio Lower Upper
228 100
226 31.0 25.4 38.2
229 22.5 16.1 24.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.040 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN025877.D

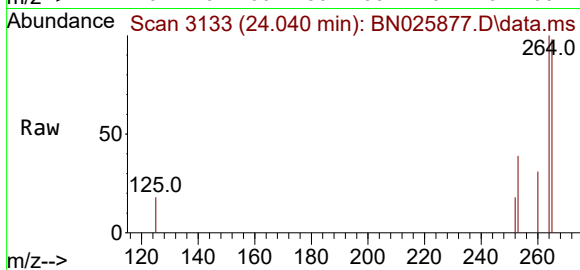
Acq: 16 Jun 2023 11:22

Instrument :

BNA_N

ClientSampleId :

PB153336BL



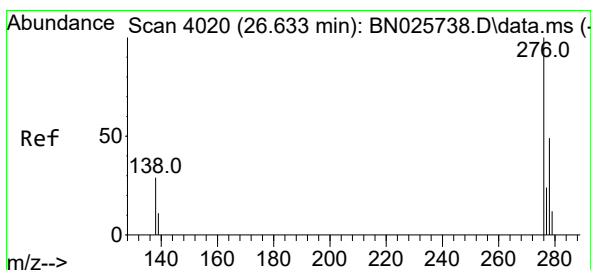
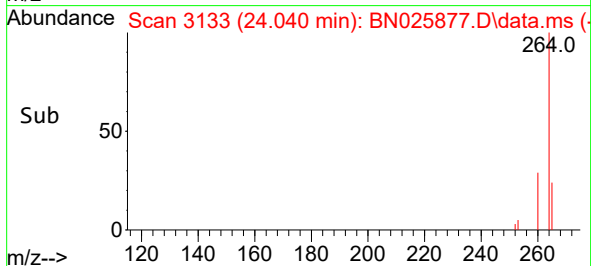
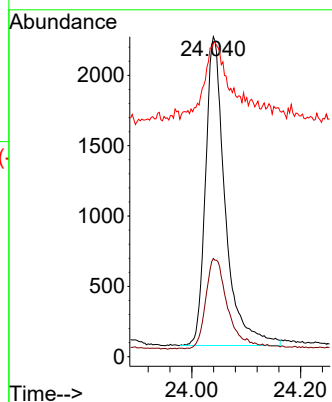
Tgt Ion:264 Resp: 5501

Ion Ratio Lower Upper

264 100

260 30.7 21.4 32.2

265 98.0 44.7 67.1#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.131 ng

RT: 26.650 min Scan# 4026

Delta R.T. 0.012 min

Lab File: BN025877.D

Acq: 16 Jun 2023 11:22

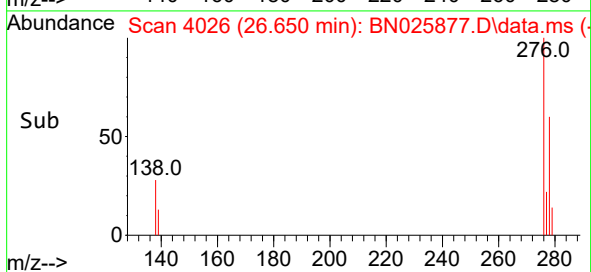
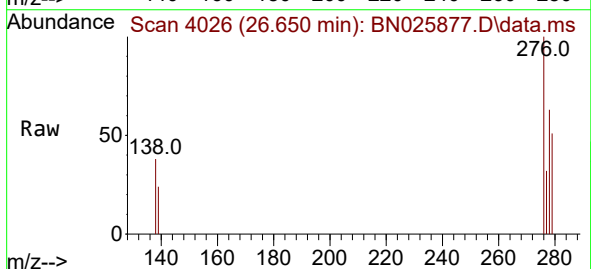
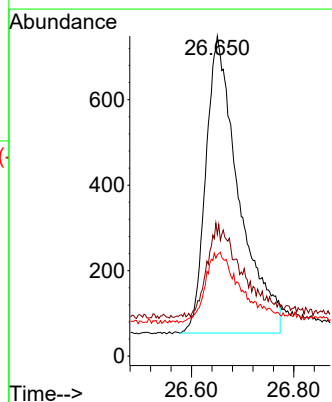
Tgt Ion:276 Resp: 3108

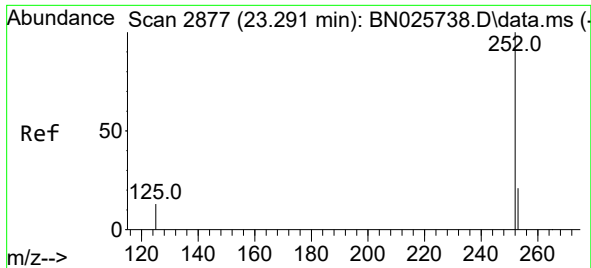
Ion Ratio Lower Upper

276 100

138 12.1 26.1 39.1#

277 23.7 19.4 29.2

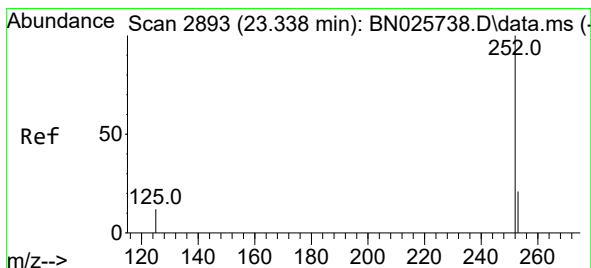
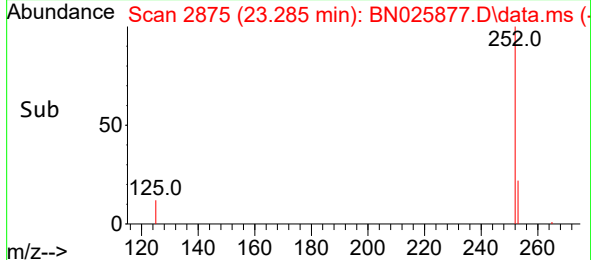
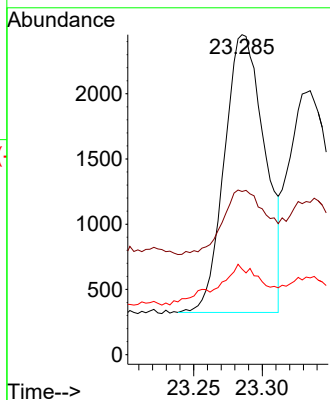
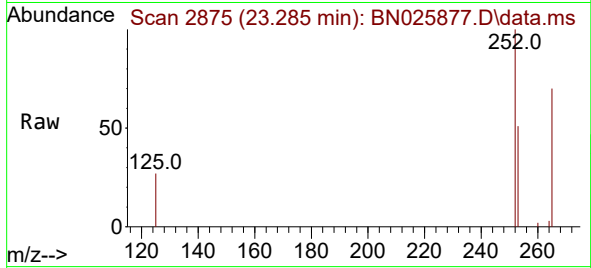




#37
Benzo(b)fluoranthene
Concen: 0.201 ng
RT: 23.285 min Scan# 2875
Delta R.T. 0.003 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

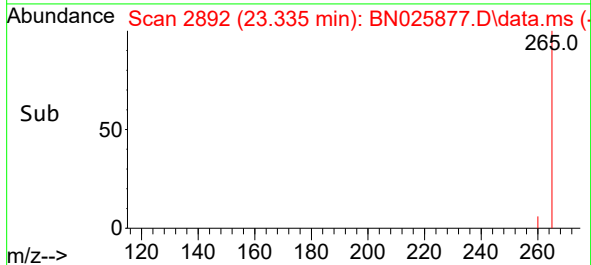
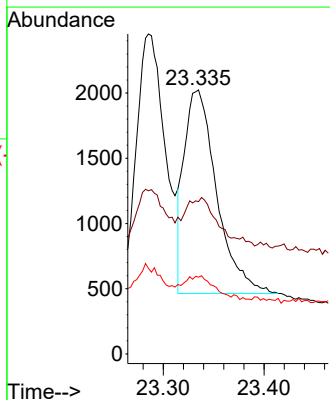
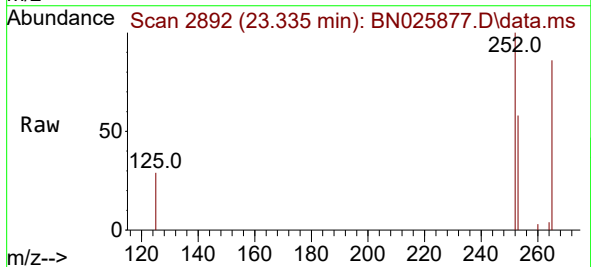
Instrument :
BNA_N
ClientSampleId :
PB153336BL

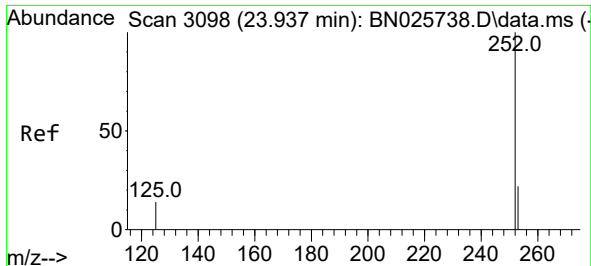
Tgt Ion:252 Resp: 4367
Ion Ratio Lower Upper
252 100
253 51.0 23.4 35.0#
125 26.7 12.3 18.5#



#38
Benzo(k)fluoranthene
Concen: 0.158 ng
RT: 23.335 min Scan# 2892
Delta R.T. 0.006 min
Lab File: BN025877.D
Acq: 16 Jun 2023 11:22

Tgt Ion:252 Resp: 3492
Ion Ratio Lower Upper
252 100
253 57.7 24.2 36.4#
125 29.1 12.2 18.2#





#39

Benzo(a)pyrene

Concen: 0.090 ng

RT: 23.937 min Scan# 3098

Delta R.T. 0.006 min

Lab File: BN025877.D

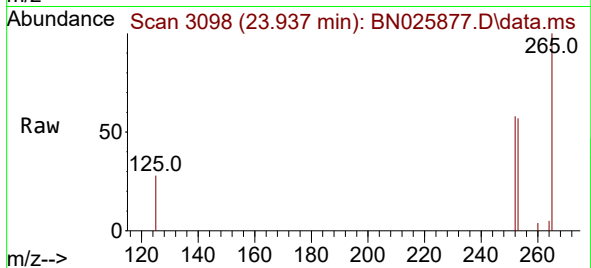
Acq: 16 Jun 2023 11:22

Instrument :

BNA_N

ClientSampleId :

PB153336BL



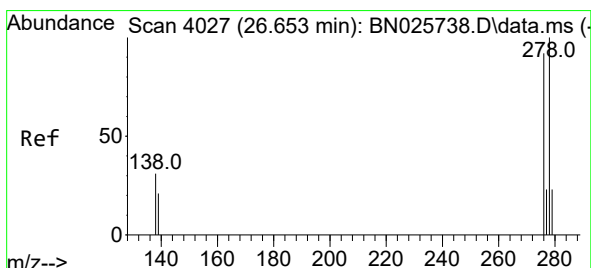
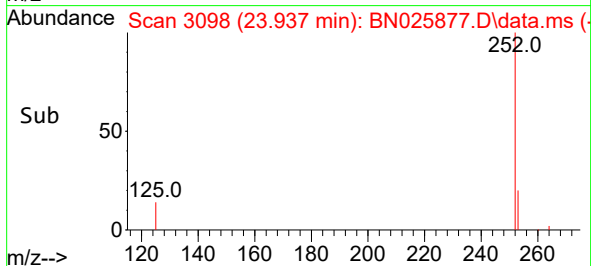
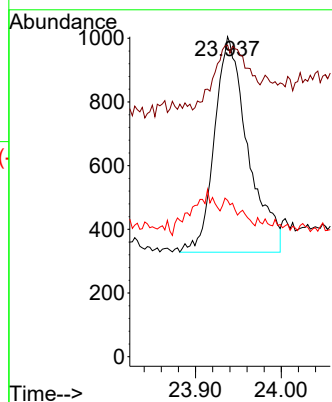
Tgt Ion:252 Resp: 1840

Ion Ratio Lower Upper

252 100

253 97.4 27.5 41.3#

125 48.9 14.6 21.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.149 ng

RT: 26.674 min Scan# 4034

Delta R.T. 0.017 min

Lab File: BN025877.D

Acq: 16 Jun 2023 11:22

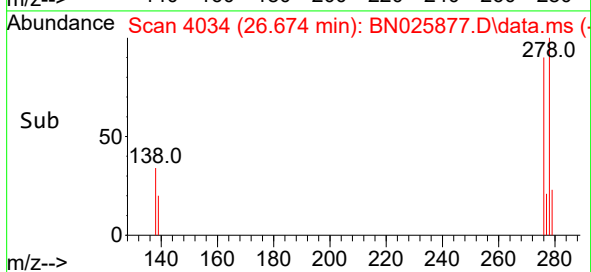
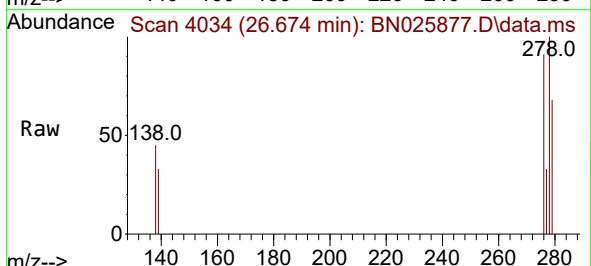
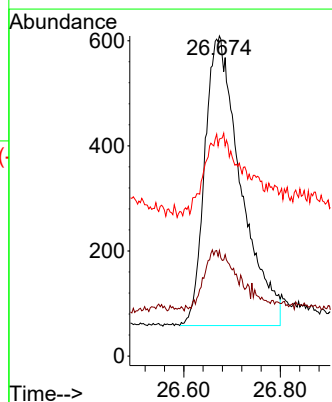
Tgt Ion:278 Resp: 2849

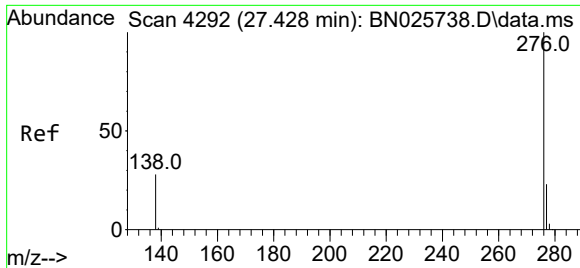
Ion Ratio Lower Upper

278 100

139 33.0 18.7 28.1#

279 67.8 25.1 37.7#





#41

Benzo(g,h,i)perylene

Concen: 0.142 ng

RT: 27.449 min Scan# 41

Delta R.T. 0.012 min

Lab File: BN025877.D

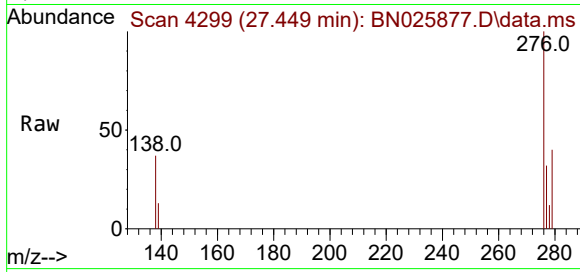
Acq: 16 Jun 2023 11:22

Instrument :

BNA_N

ClientSampleId :

PB153336BL



Tgt Ion:276 Resp: 3035

Ion Ratio Lower Upper

276 100

277 32.1 20.2 30.2#

138 37.2 24.2 36.4#

