

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080923\
 Data File : BN026857.D
 Acq On : 08 Aug 2023 19:55
 Operator : MA/JU
 Sample : 03862-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BUILDING-B-1-(0-5)

Quant Time: Aug 09 01:12:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 01:06:23 2023
 Response via : Initial Calibration

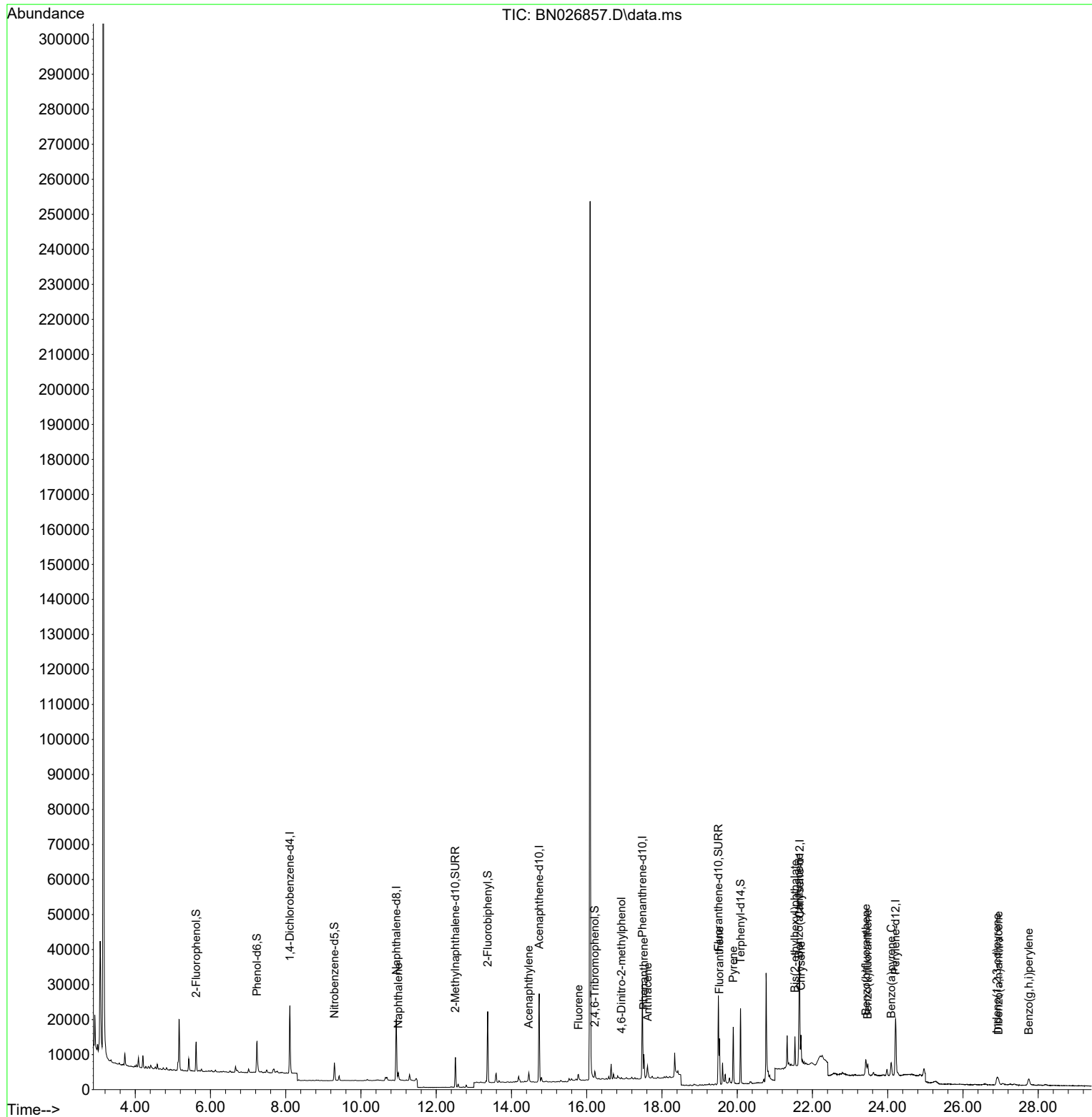
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	9190	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	25528	0.400	ng	0.00
13) Acenaphthene-d10	14.737	164	15427	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	35585	0.400	ng	0.00
29) Chrysene-d12	21.659	240	27277	0.400	ng	0.00
35) Perylene-d12	24.209	264	24323	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	6771	0.291	ng	0.00
5) Phenol-d6	7.236	99	8243	0.274	ng	0.00
8) Nitrobenzene-d5	9.294	82	4212	0.279	ng	0.00
11) 2-Methylnaphthalene-d10	12.510	152	11339	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	1188	0.226	ng	-0.01
15) 2-Fluorobiphenyl	13.368	172	17729	0.281	ng	0.00
27) Fluoranthene-d10	19.500	212	26674	0.312	ng	0.00
31) Terphenyl-d14	20.090	244	20608	0.362	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.992	128	1538	0.022	ng	# 83
16) Acenaphthylene	14.459	152	4651	0.061	ng	98
18) Fluorene	15.780	166	1588	0.026	ng	90
20) 4,6-Dinitro-2-methylph...	16.921	198	17	0.030	ng	# 1
25) Phenanthrene	17.517	178	7460	0.069	ng	99
26) Anthracene	17.617	178	4612	0.048	ng	# 85
28) Fluoranthene	19.528	202	11483	0.095	ng	99
30) Pyrene	19.895	202	14010	0.119	ng	97
32) Benzo(a)anthracene	21.641	228	8404	0.090	ng	# 79
33) Chrysene	21.695	228	7979	0.077	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.533	149	7985	0.257	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.905	276	4876	0.049	ng	# 81
37) Benzo(b)fluoranthene	23.420	252	7653	0.080	ng	# 68
38) Benzo(k)fluoranthene	23.469	252	4498	0.046	ng	# 60
39) Benzo(a)pyrene	24.092	252	6458	0.074	ng	# 66
40) Dibenzo(a,h)anthracene	26.946	278	2758	0.036	ng	# 58
41) Benzo(g,h,i)perylene	27.750	276	4340	0.048	ng	# 73

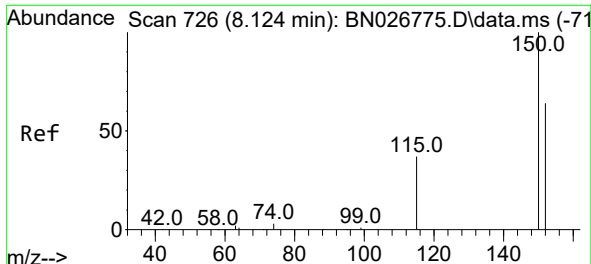
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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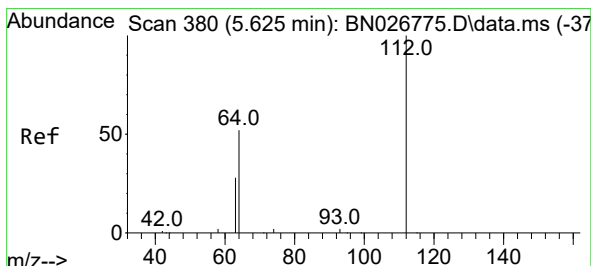
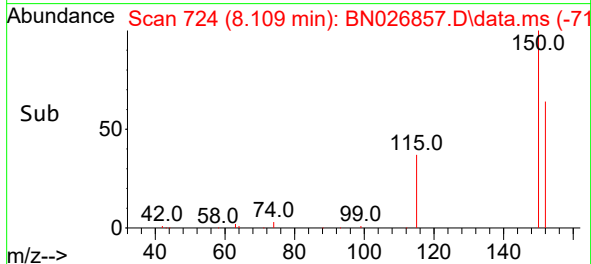
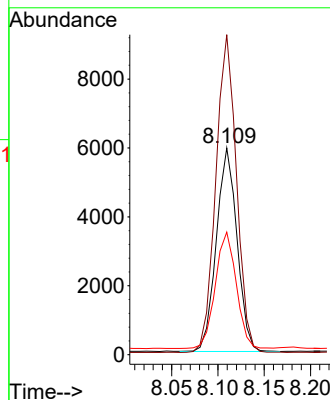
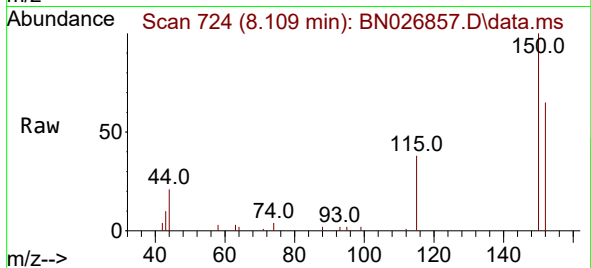




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.109 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BN026857.D
 Acq: 08 Aug 2023 19:55

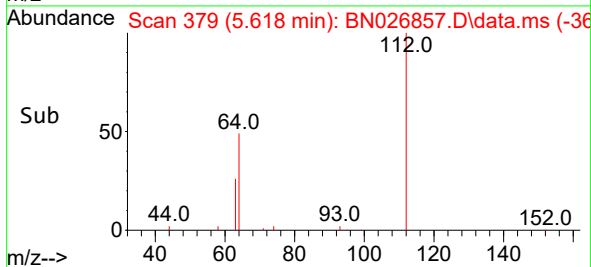
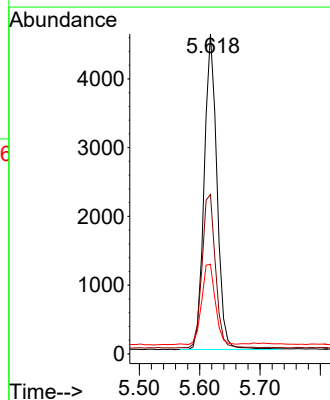
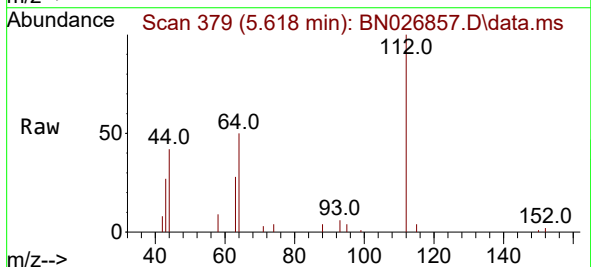
Instrument :
 BNA_N
 ClientSampleId :
 BUILDING-B-1-(0-5)

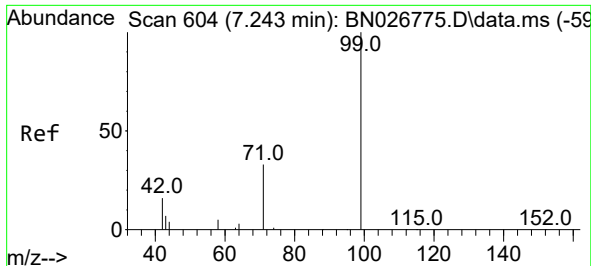
Tgt Ion:152 Resp: 9190
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.8 185.8
 115 59.3 48.0 72.0



#4
 2-Fluorophenol
 Concen: 0.291 ng
 RT: 5.618 min Scan# 379
 Delta R.T. -0.000 min
 Lab File: BN026857.D
 Acq: 08 Aug 2023 19:55

Tgt Ion:112 Resp: 6771
 Ion Ratio Lower Upper
 112 100
 64 51.3 42.2 63.2
 63 27.5 22.7 34.1

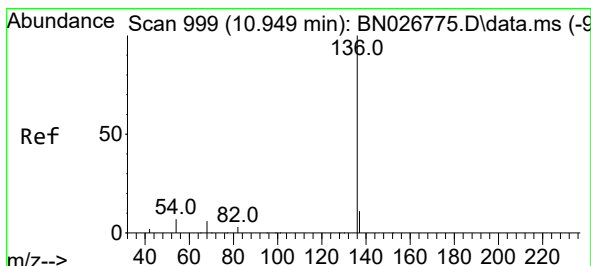
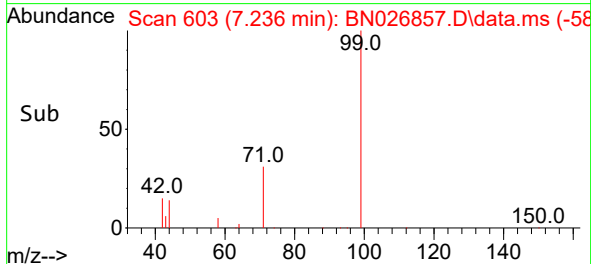
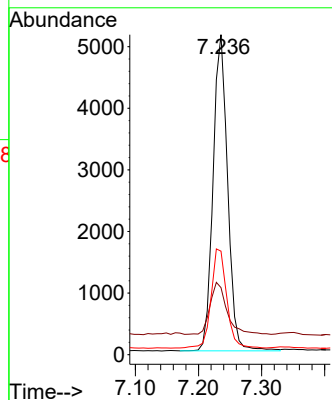
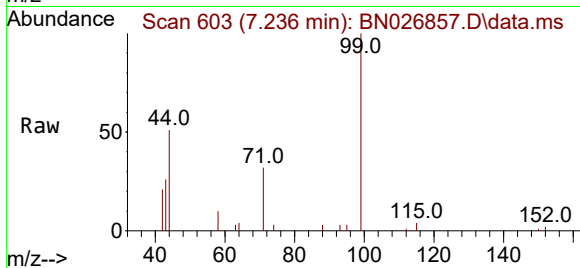




#5
Phenol-d6
Concen: 0.274 ng
RT: 7.236 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

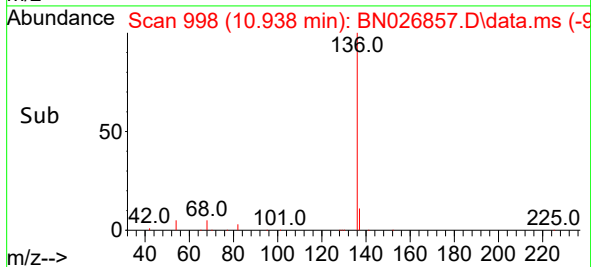
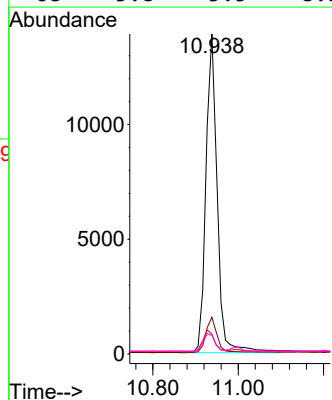
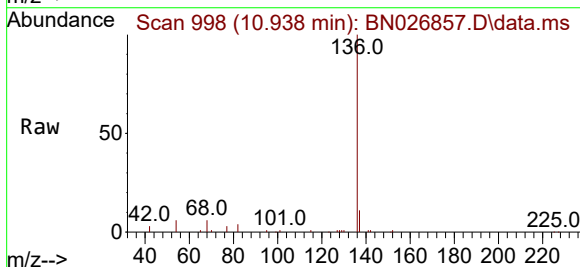
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-1-(0-5)

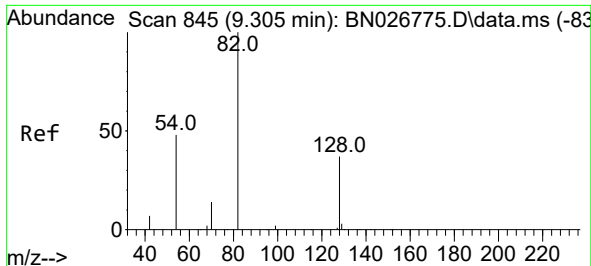
Tgt Ion: 99 Resp: 8243
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 33.4 26.6 40.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. -0.000 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

Tgt Ion: 136 Resp: 25528
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 6.2 6.2 9.2
68 5.8 5.5 8.3

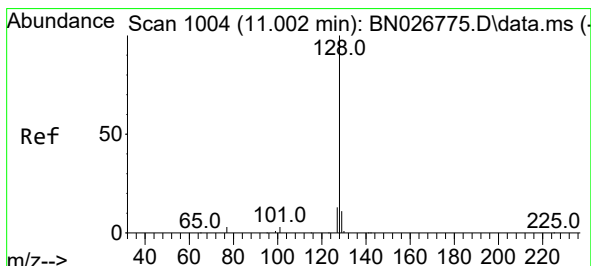
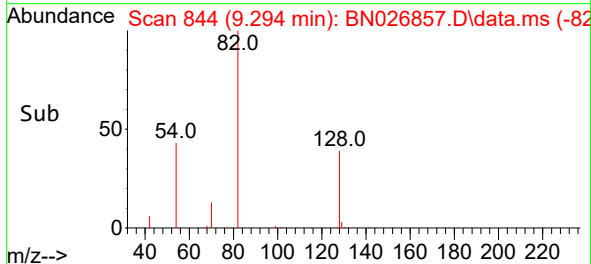
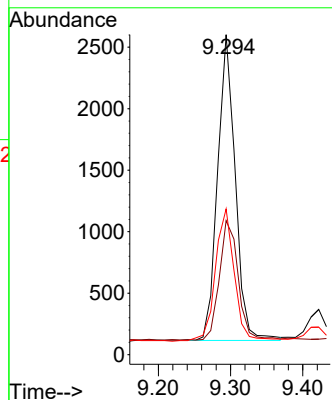
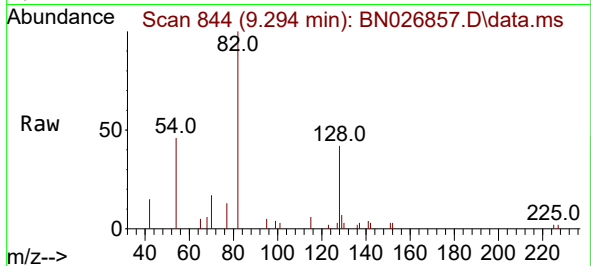




#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 9.294 min Scan# 845
Delta R.T. -0.000 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

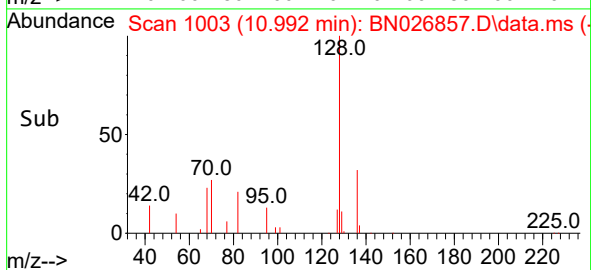
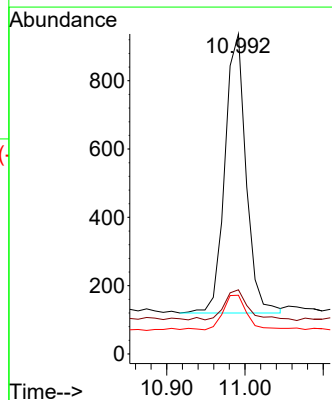
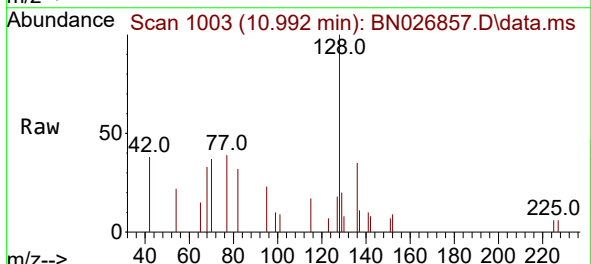
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-1-(0-5)

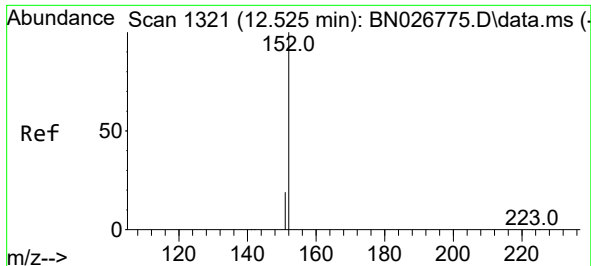
Tgt Ion: 82 Resp: 4212
Ion Ratio Lower Upper
82 100
128 41.9 30.5 45.7
54 45.5 39.4 59.2



#9
Naphthalene
Concen: 0.022 ng
RT: 10.992 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

Tgt Ion: 128 Resp: 1538
Ion Ratio Lower Upper
128 100
129 20.1 9.0 13.4#
127 18.4 10.6 16.0#

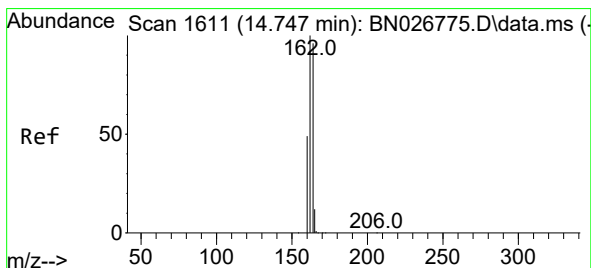
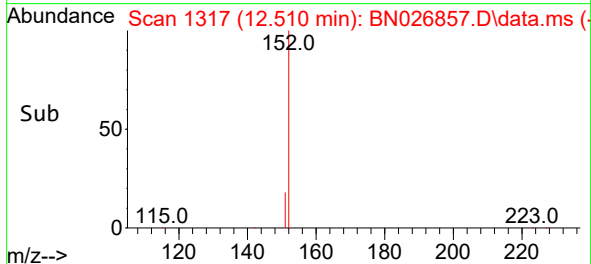
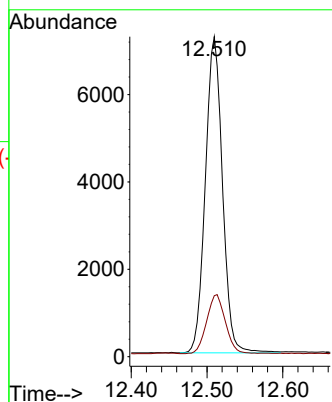
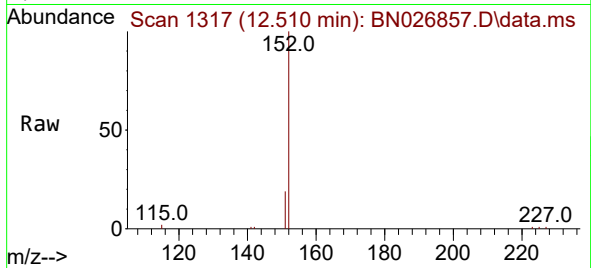




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

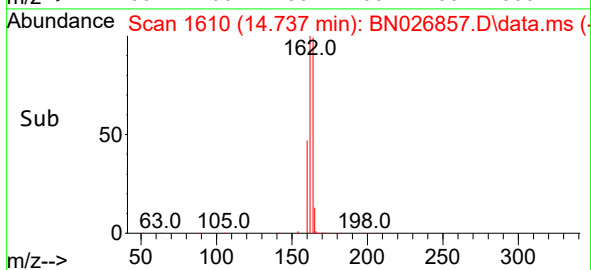
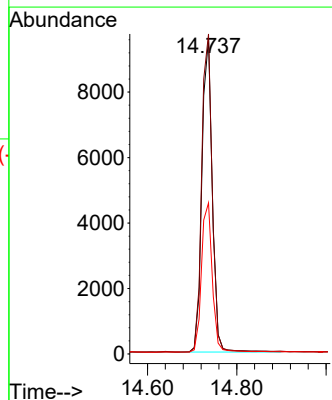
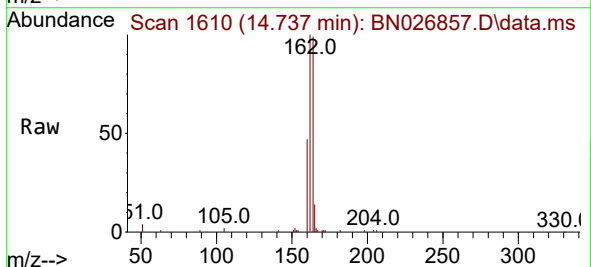
Instrument :
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ClientSampleId :
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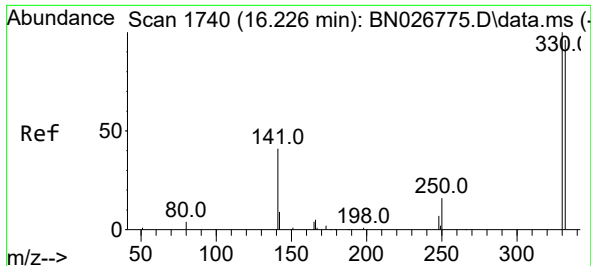
Tgt Ion:152 Resp: 11339
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

Tgt Ion:164 Resp: 15427
Ion Ratio Lower Upper
164 100
162 101.5 83.0 124.6
160 47.9 40.8 61.2

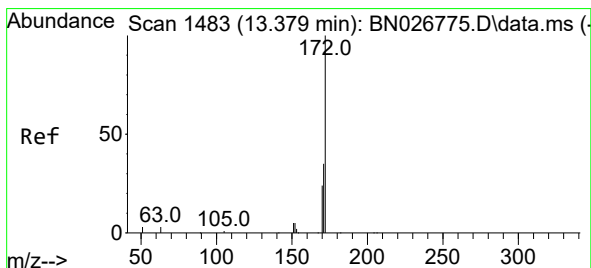
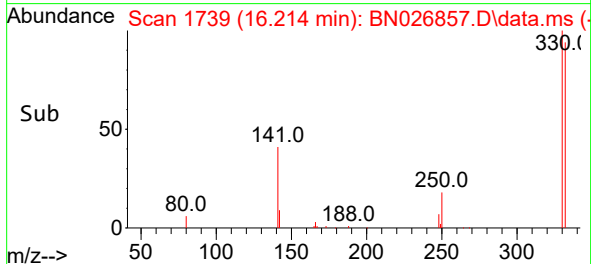
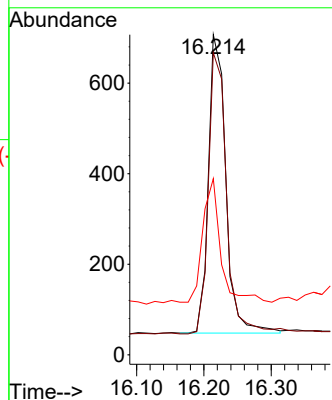
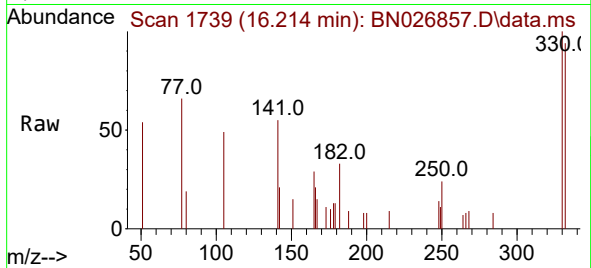




#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 16.214 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

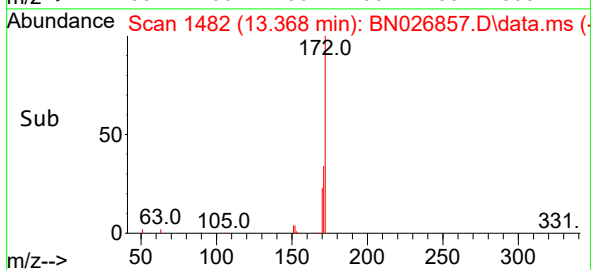
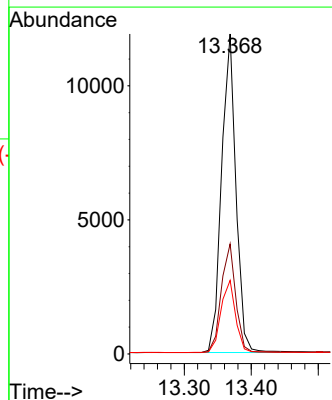
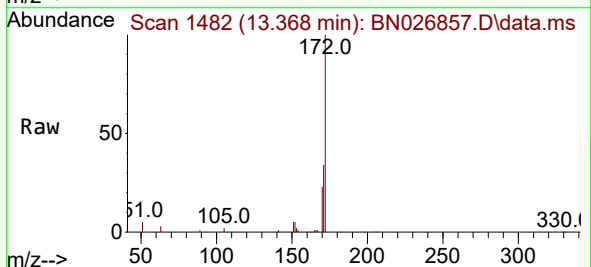
Instrument :
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ClientSampleId :
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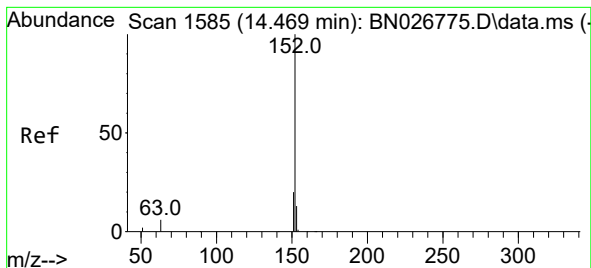
Tgt Ion:330 Resp: 1188
Ion Ratio Lower Upper
330 100
332 99.0 77.8 116.6
141 41.9 34.8 52.2



#15
2-Fluorobiphenyl
Concen: 0.281 ng
RT: 13.368 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

Tgt Ion:172 Resp: 17729
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.0 19.2 28.8





#16

Acenaphthylene

Concen: 0.061 ng

RT: 14.459 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN026857.D

Acq: 08 Aug 2023 19:55

Instrument :

BNA_N

ClientSampleId :

BUILDING-B-1-(0-5)

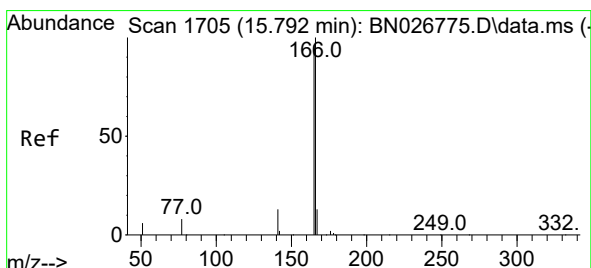
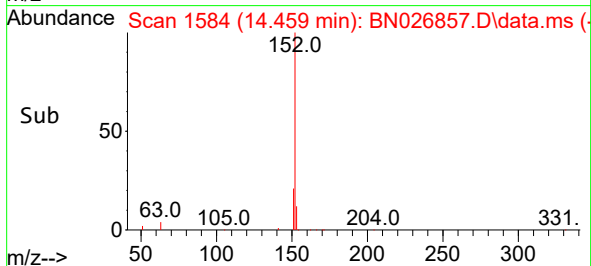
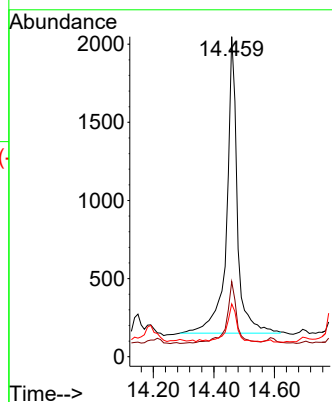
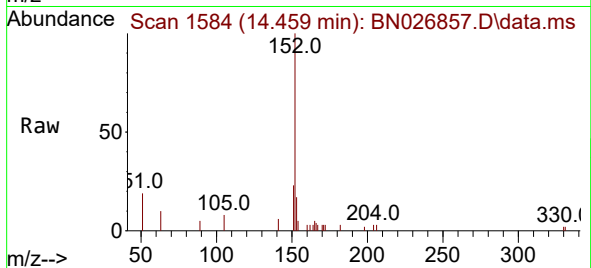
Tgt Ion:152 Resp: 4651

Ion Ratio Lower Upper

152 100

151 20.3 15.7 23.5

153 12.0 10.5 15.7



#18

Fluorene

Concen: 0.026 ng

RT: 15.780 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BN026857.D

Acq: 08 Aug 2023 19:55

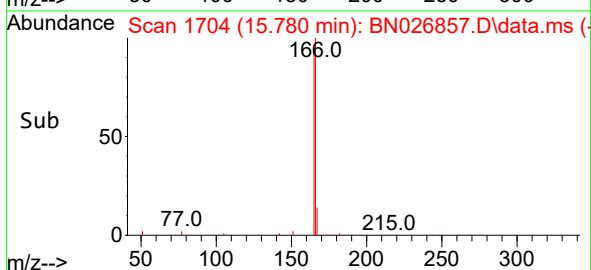
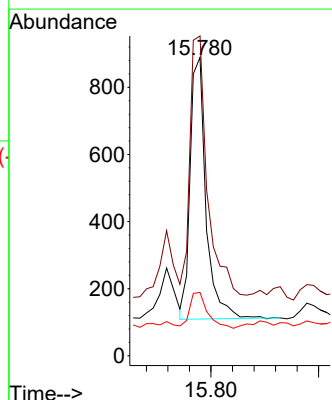
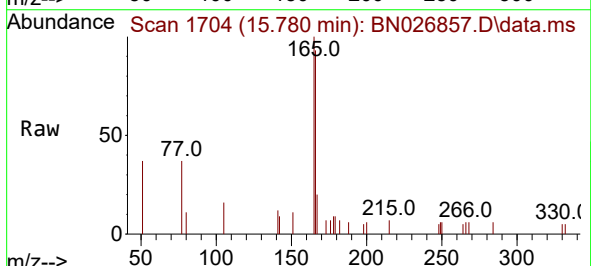
Tgt Ion:166 Resp: 1588

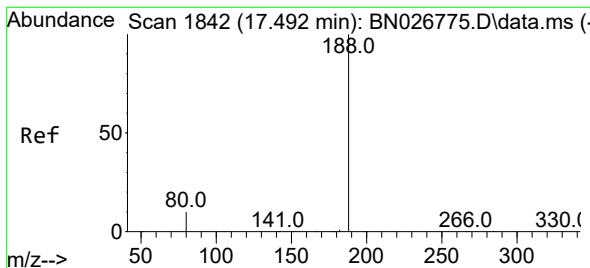
Ion Ratio Lower Upper

166 100

165 109.3 79.0 118.6

167 15.4 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.480 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN026857.D

Acq: 08 Aug 2023 19:55

Instrument :

BNA_N

ClientSampleId :

BUILDING-B-1-(0-5)

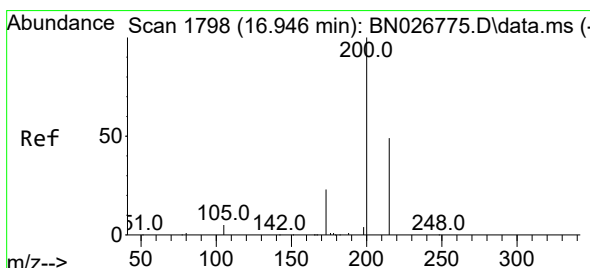
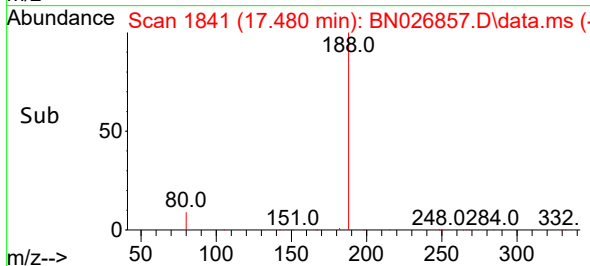
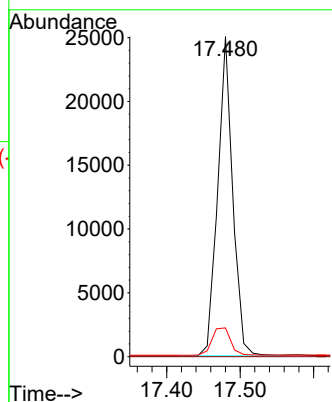
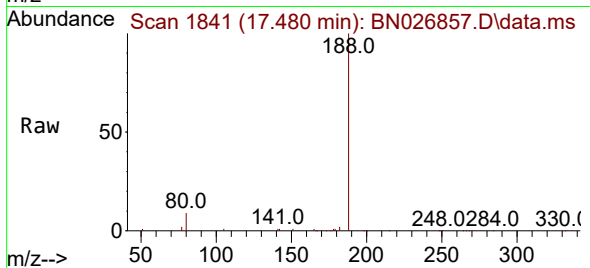
Tgt Ion:188 Resp: 35585

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.0 8.0 12.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.030 ng

RT: 16.921 min Scan# 1796

Delta R.T. -0.013 min

Lab File: BN026857.D

Acq: 08 Aug 2023 19:55

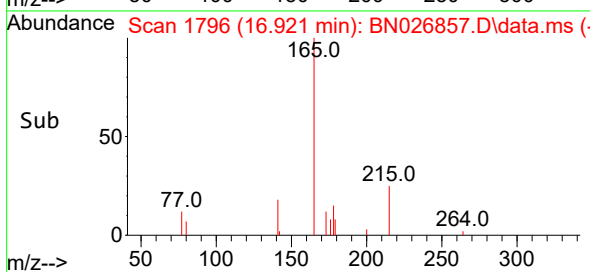
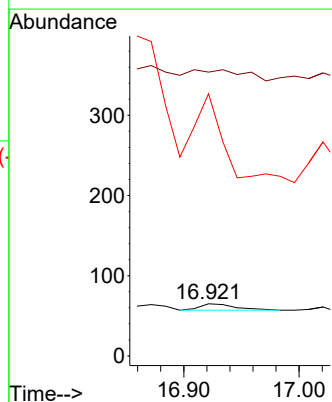
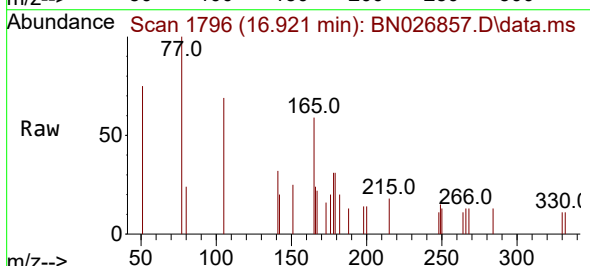
Tgt Ion:198 Resp: 17

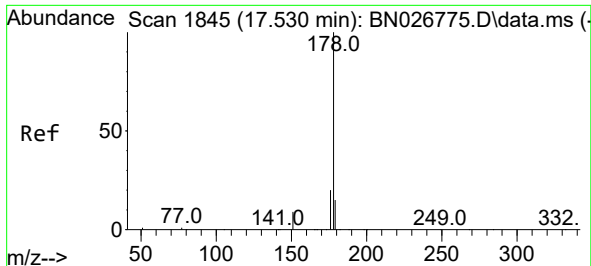
Ion Ratio Lower Upper

198 100

51 544.6 150.5 225.7#

105 503.1 165.0 247.6#

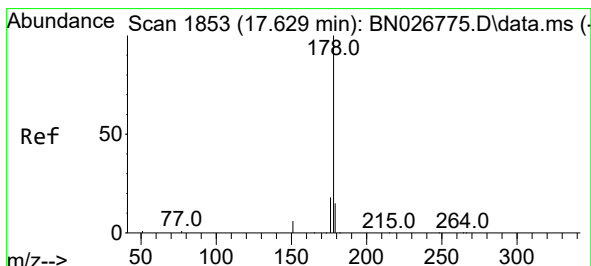
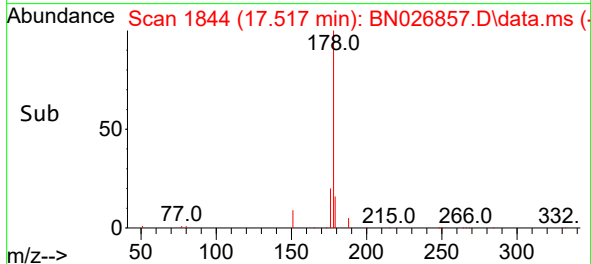
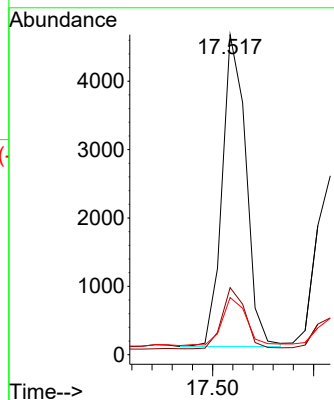
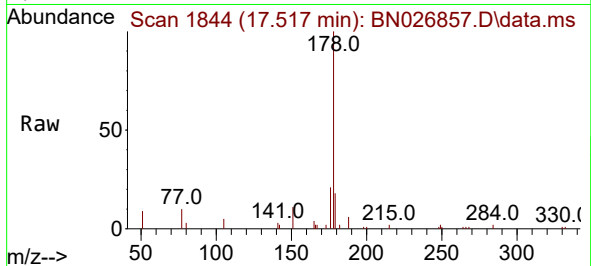




#25
Phenanthrene
Concen: 0.069 ng
RT: 17.517 min Scan# 1844
Delta R.T. -0.013 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

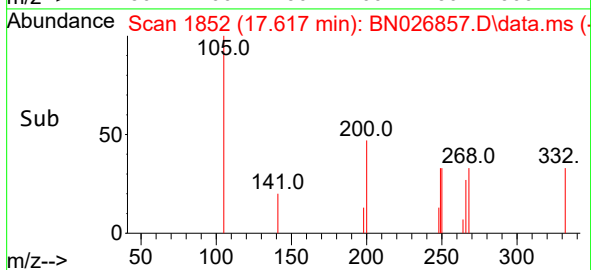
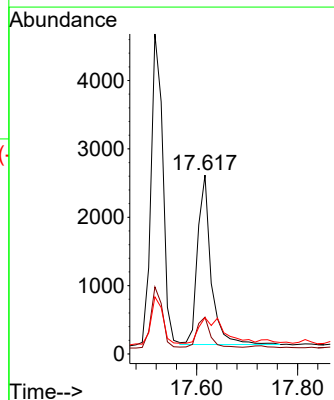
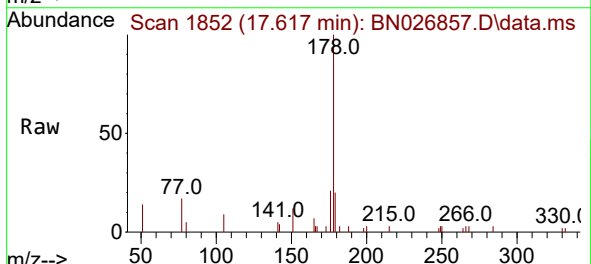
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-1-(0-5)

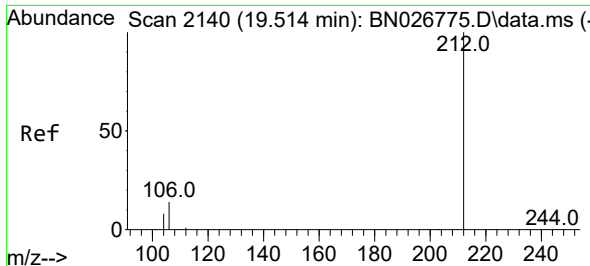
Tgt Ion:178 Resp: 7460
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.0 12.2 18.2



#26
Anthracene
Concen: 0.048 ng
RT: 17.617 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

Tgt Ion:178 Resp: 4612
Ion Ratio Lower Upper
178 100
176 17.0 14.9 22.3
179 27.4 12.2 18.2#

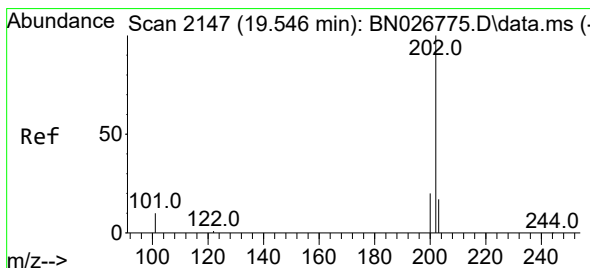
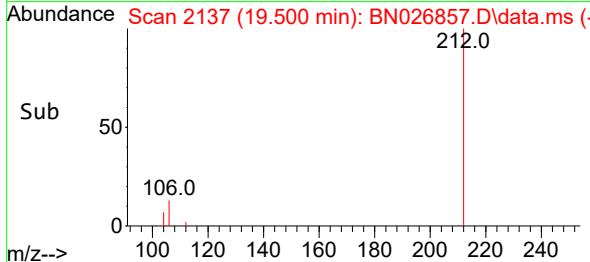
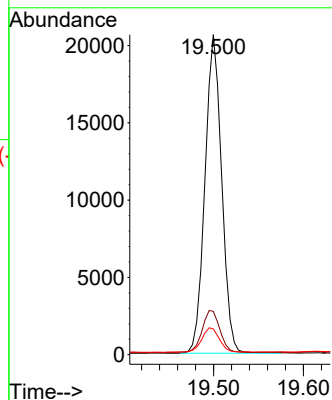
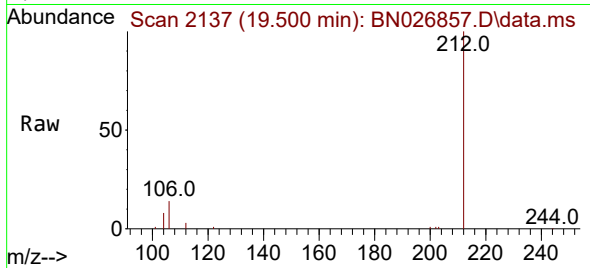




#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.500 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

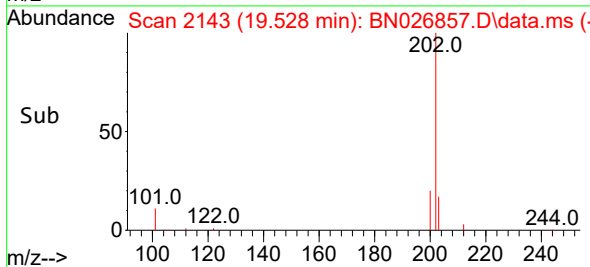
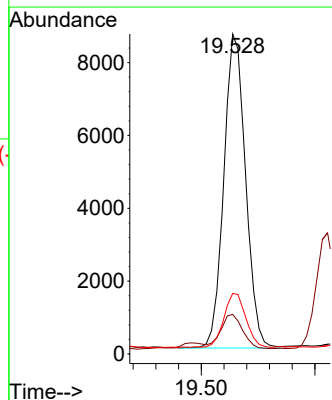
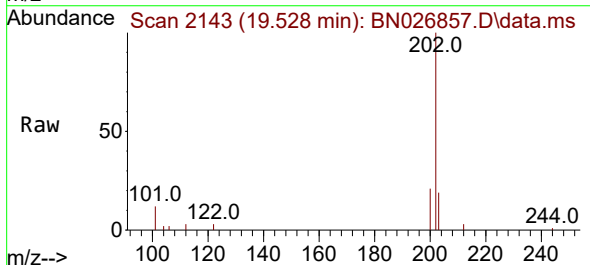
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-1-(0-5)

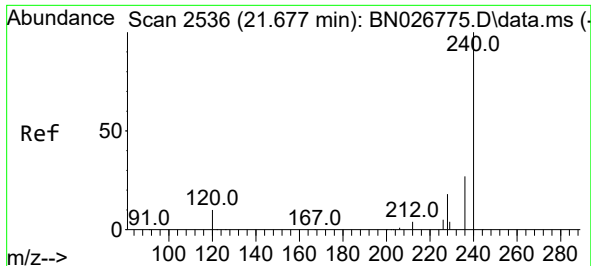
Tgt Ion:212 Resp: 26674
Ion Ratio Lower Upper
212 100
106 14.1 11.7 17.5
104 7.9 6.4 9.6



#28
Fluoranthene
Concen: 0.095 ng
RT: 19.528 min Scan# 2143
Delta R.T. -0.005 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

Tgt Ion:202 Resp: 11483
Ion Ratio Lower Upper
202 100
101 10.8 9.2 13.8
203 17.5 13.7 20.5

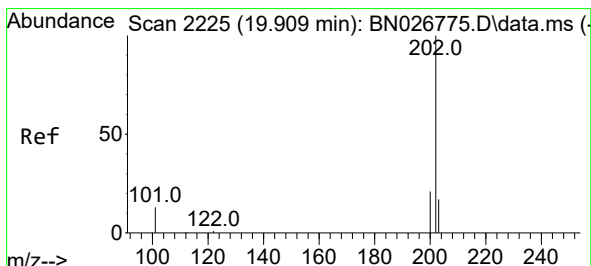
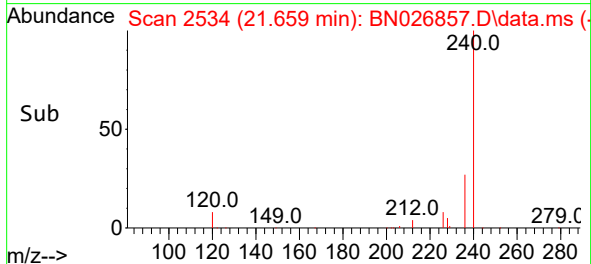
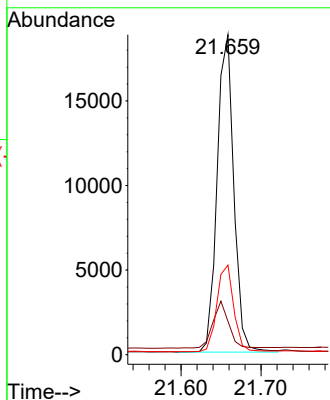
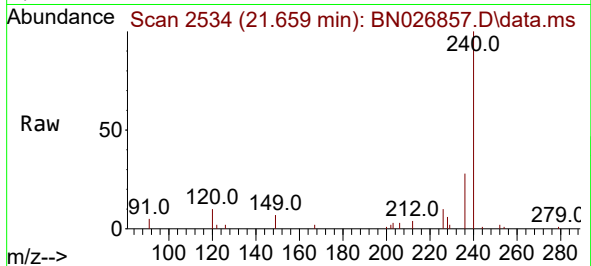




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.659 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

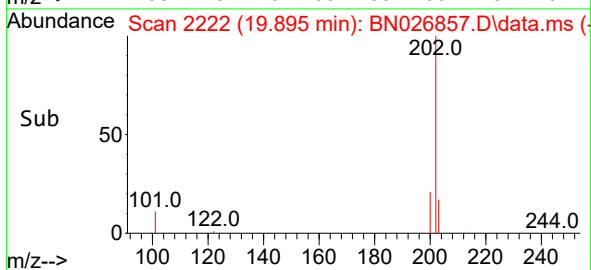
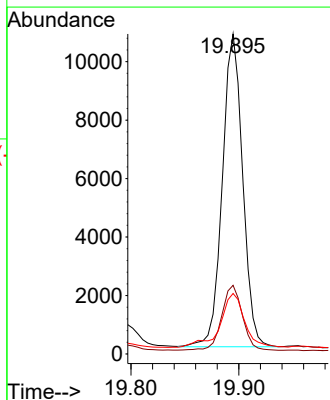
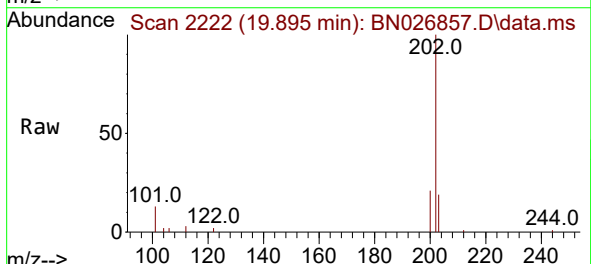
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-1-(0-5)

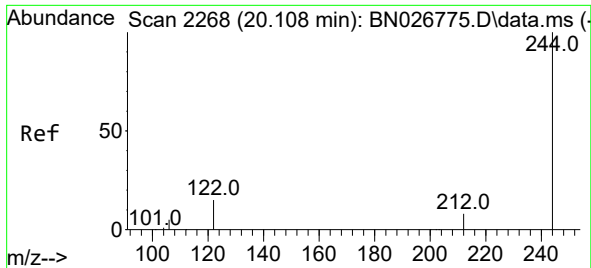
Tgt Ion:240 Resp: 27277
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 28.0 21.9 32.9



#30
Pyrene
Concen: 0.119 ng
RT: 19.895 min Scan# 2222
Delta R.T. -0.005 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

Tgt Ion:202 Resp: 14010
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 20.7 14.2 21.2

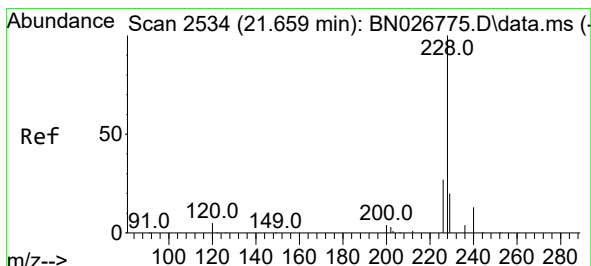
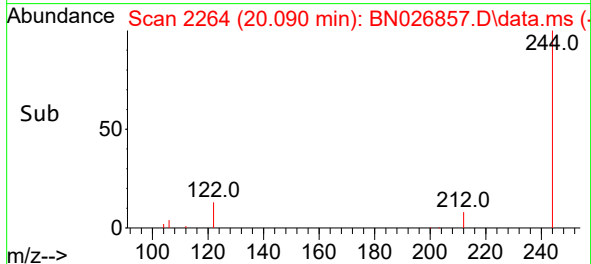
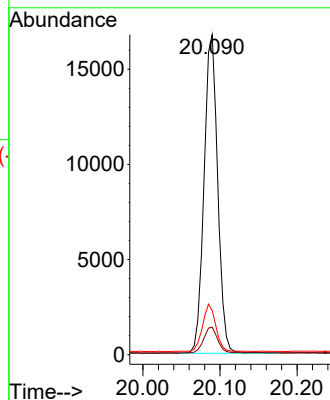
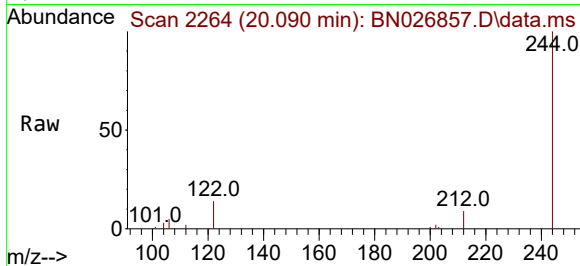




#31
Terphenyl-d14
Concen: 0.362 ng
RT: 20.090 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

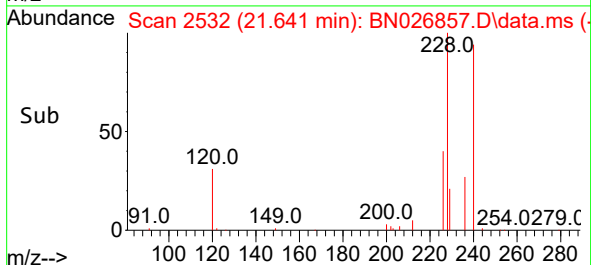
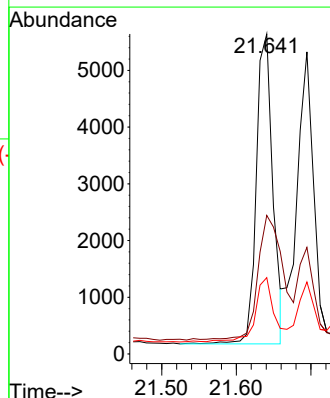
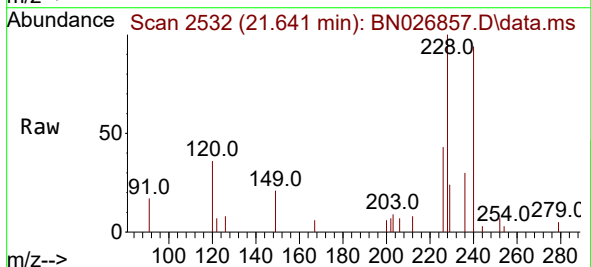
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-1-(0-5)

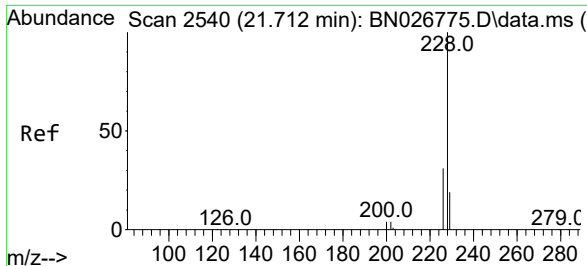
Tgt Ion:244 Resp: 20608
Ion Ratio Lower Upper
244 100
212 8.6 7.0 10.4
122 13.8 12.3 18.5



#32
Benzo(a)anthracene
Concen: 0.090 ng
RT: 21.641 min Scan# 2532
Delta R.T. -0.009 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

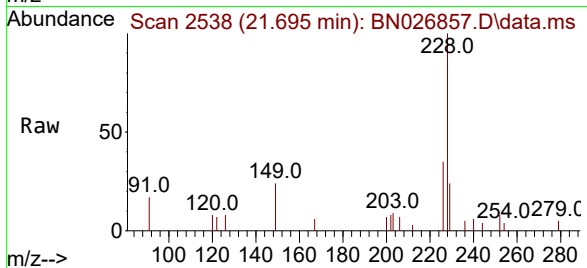
Tgt Ion:228 Resp: 8404
Ion Ratio Lower Upper
228 100
226 43.3 21.9 32.9#
229 23.8 15.8 23.8#



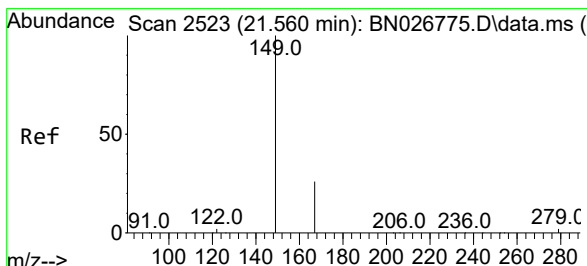
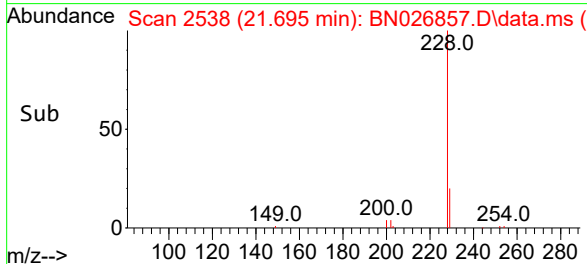
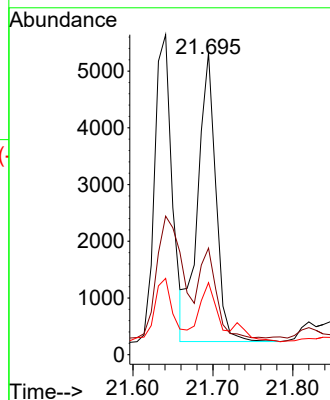


#33
Chrysene
Concen: 0.077 ng
RT: 21.695 min Scan# 2153
Delta R.T. -0.009 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

Instrument :
BNA_N
ClientSampleId :
BUILDING-B-1-(0-5)

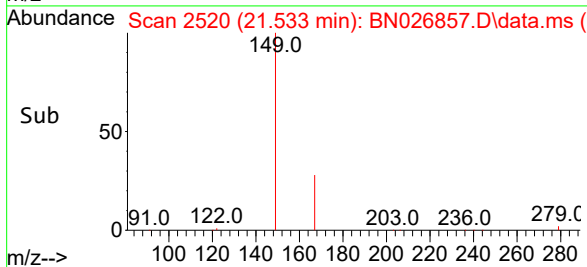
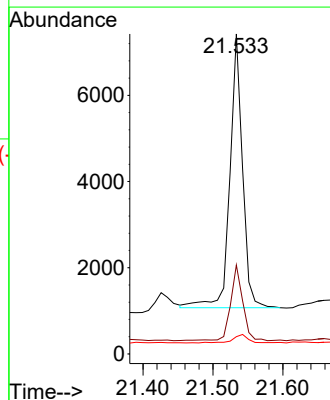
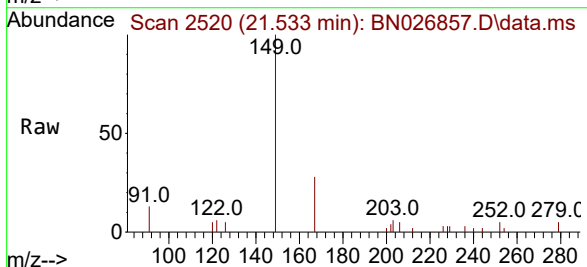


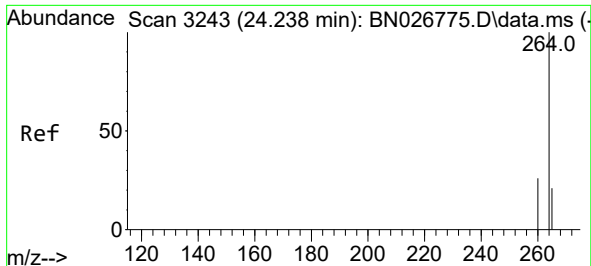
Tgt Ion:228 Resp: 7979
Ion Ratio Lower Upper
228 100
226 35.3 24.6 36.8
229 23.8 15.4 23.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.257 ng
RT: 21.533 min Scan# 2520
Delta R.T. -0.009 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

Tgt Ion:149 Resp: 7985
Ion Ratio Lower Upper
149 100
167 25.8 20.8 31.2
279 3.7 2.4 3.6#



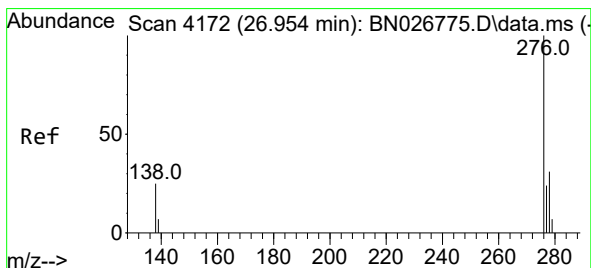
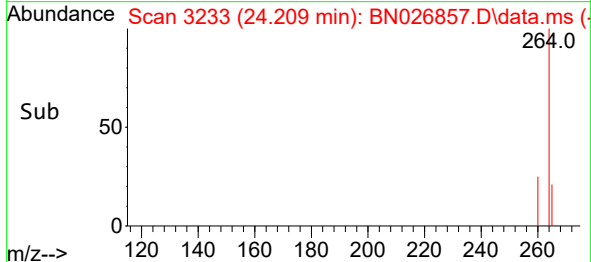
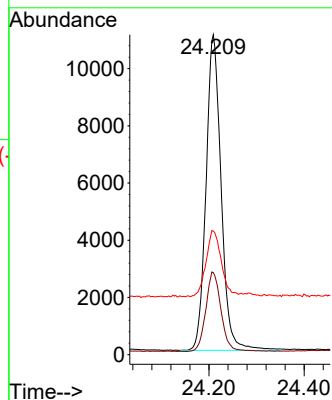
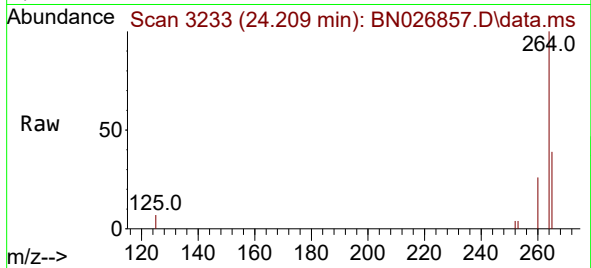


#35
Perylene-d12

Concen: 0.400 ng
RT: 24.209 min Scan# 31
Delta R.T. -0.018 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

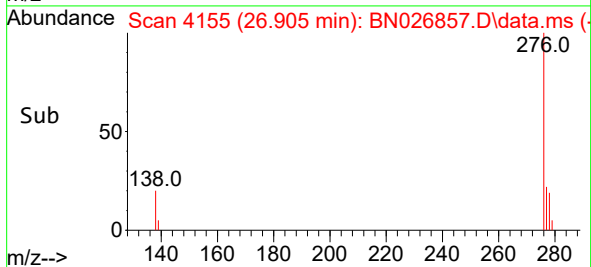
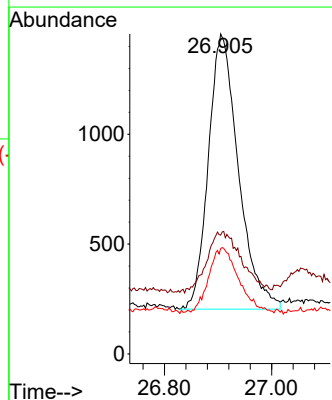
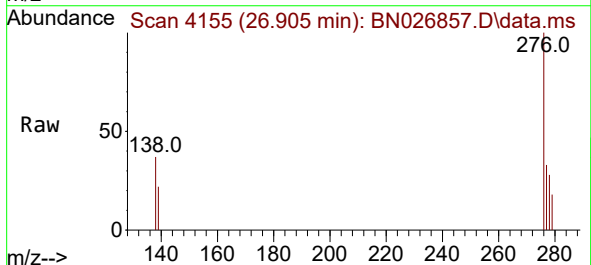
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-1-(0-5)

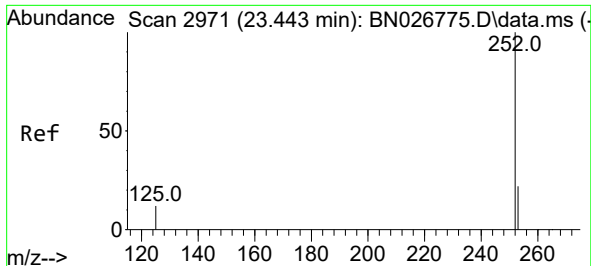
Tgt Ion:264 Resp: 24323
Ion Ratio Lower Upper
264 100
260 25.7 21.0 31.6
265 38.6 22.6 33.8#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng
RT: 26.905 min Scan# 4155
Delta R.T. -0.026 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

Tgt Ion:276 Resp: 4876
Ion Ratio Lower Upper
276 100
138 10.8 22.8 34.2#
277 23.5 19.9 29.9

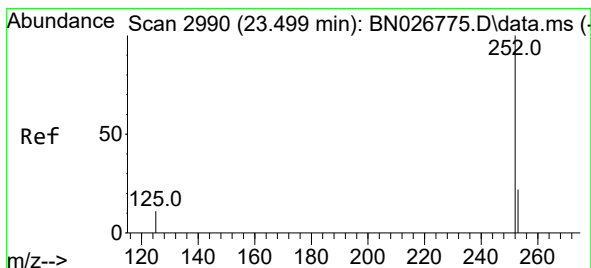
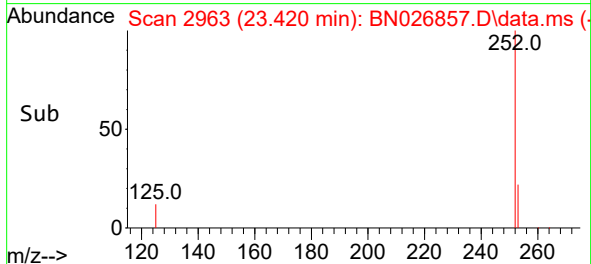
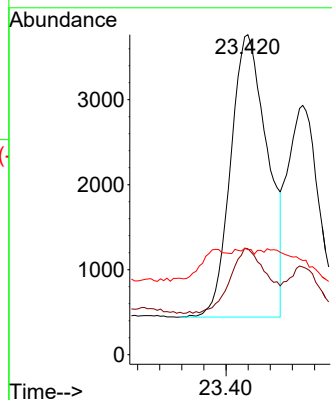
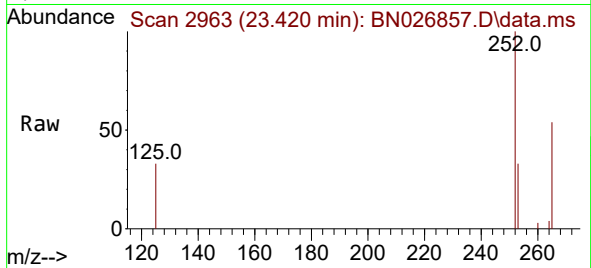




#37
Benzo(b)fluoranthene
Concen: 0.080 ng
RT: 23.420 min Scan# 2963
Delta R.T. -0.012 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

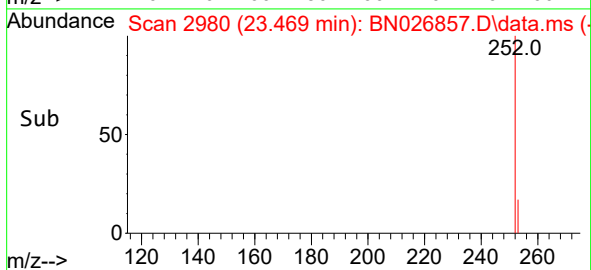
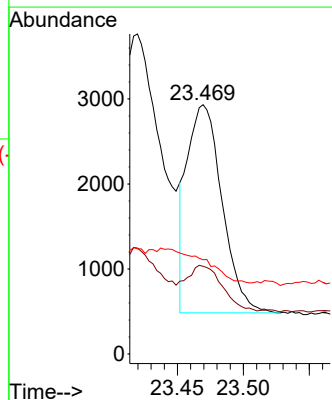
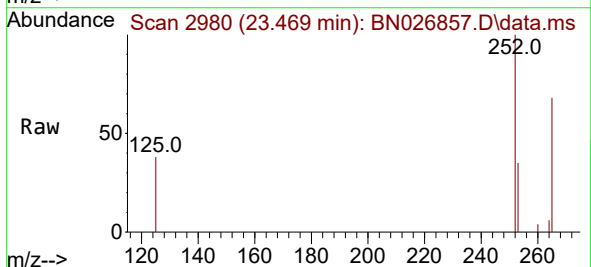
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-1-(0-5)

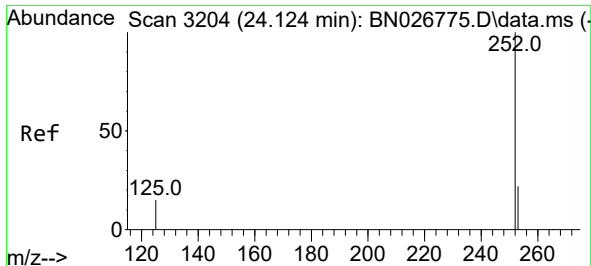
Tgt Ion:252 Resp: 7653
Ion Ratio Lower Upper
252 100
253 33.1 17.8 26.8#
125 32.8 10.8 16.2#



#38
Benzo(k)fluoranthene
Concen: 0.046 ng
RT: 23.469 min Scan# 2980
Delta R.T. -0.015 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

Tgt Ion:252 Resp: 4498
Ion Ratio Lower Upper
252 100
253 35.2 18.0 27.0#
125 37.8 9.4 14.2#





#39

Benzo(a)pyrene

Concen: 0.074 ng

RT: 24.092 min Scan# 31

Delta R.T. -0.018 min

Lab File: BN026857.D

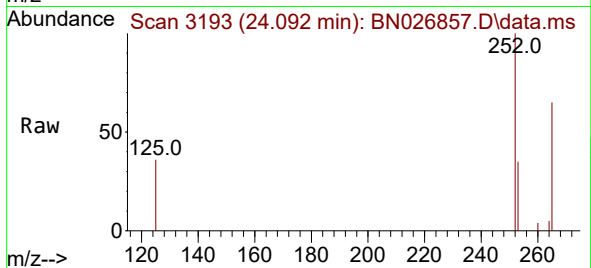
Acq: 08 Aug 2023 19:55

Instrument :

BNA_N

ClientSampleId :

BUILDING-B-1-(0-5)



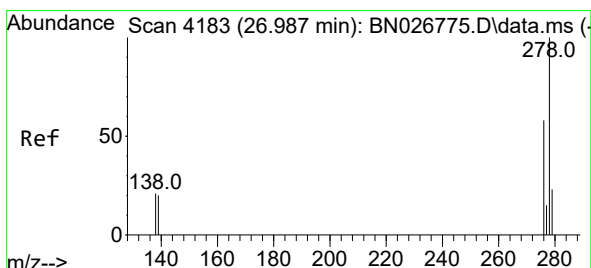
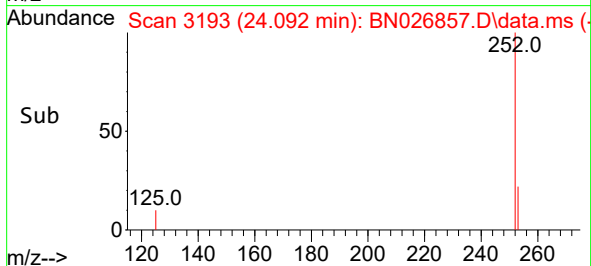
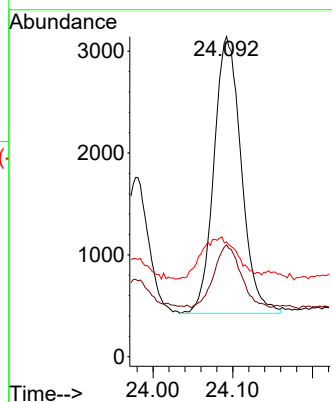
Tgt Ion:252 Resp: 6458

Ion Ratio Lower Upper

252 100

253 34.9 18.5 27.7#

125 35.9 12.7 19.1#



#40

Dibenzo(a,h)anthracene

Concen: 0.036 ng

RT: 26.946 min Scan# 4169

Delta R.T. -0.021 min

Lab File: BN026857.D

Acq: 08 Aug 2023 19:55

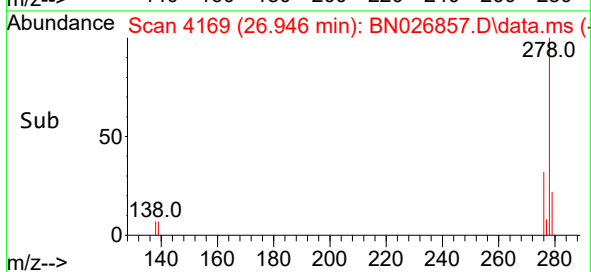
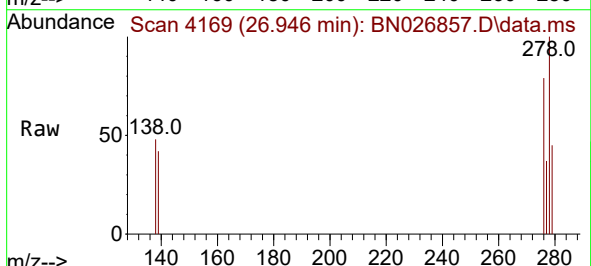
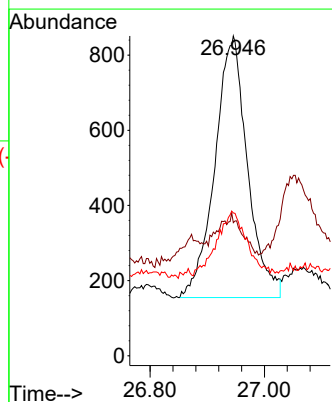
Tgt Ion:278 Resp: 2758

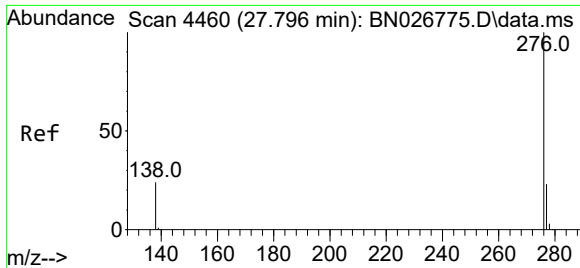
Ion Ratio Lower Upper

278 100

139 41.6 16.8 25.2#

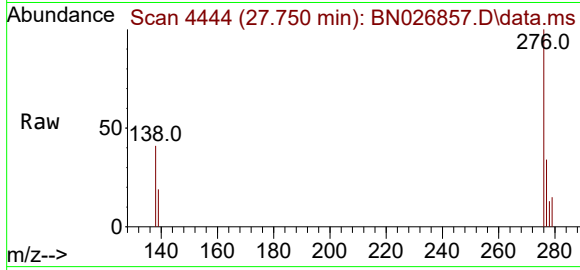
279 44.7 19.5 29.3#





#41
Benzo(g,h,i)perylene
Concen: 0.048 ng
RT: 27.750 min Scan# 44
Delta R.T. -0.021 min
Lab File: BN026857.D
Acq: 08 Aug 2023 19:55

Instrument :
BNA_N
ClientSampleId :
BUILDING-B-1-(0-5)



Tgt Ion:276 Resp: 4340
Ion Ratio Lower Upper
276 100
277 34.2 19.1 28.7#
138 41.2 19.8 29.6#

