

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020723\
 Data File : BN023978.D
 Acq On : 07 Feb 2023 19:38
 Operator : CG/JU
 Sample : 01421-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-598-600

Quant Time: Feb 08 02:12:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 01:53:47 2023
 Response via : Initial Calibration

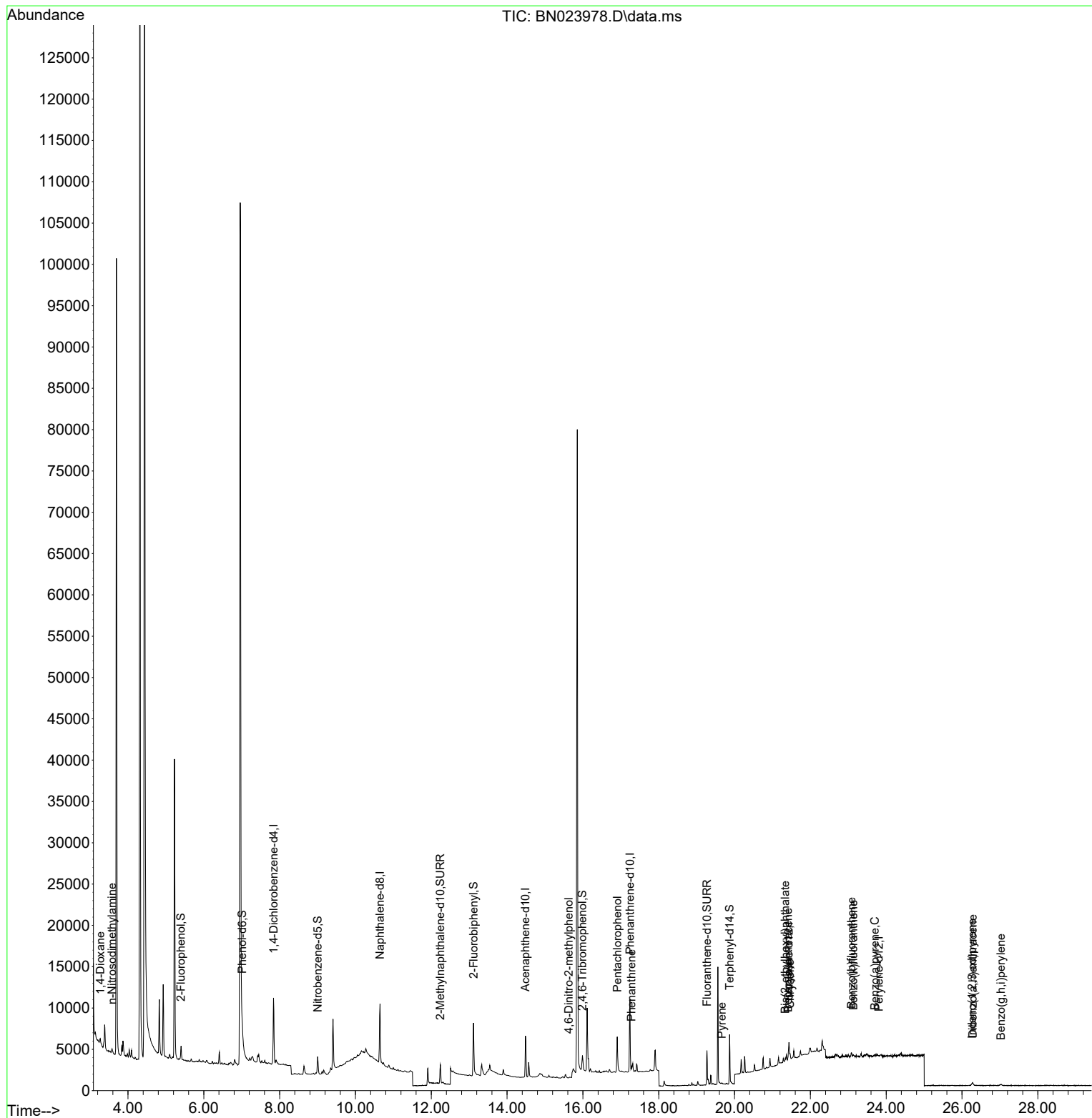
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	3696	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	9469	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	2767	0.400	ng	0.00
19) Phenanthrene-d10	17.241	188	11426	0.400	ng	0.00
29) Chrysene-d12	21.428	240	997	0.400	ng	# 0.00
35) Perylene-d12	23.805	264	20	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1282	0.167	ng	0.00
5) Phenol-d6	7.009	99	910	0.101	ng	0.00
8) Nitrobenzene-d5	9.003	82	1737	0.229	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	3037	0.231	ng	0.00
14) 2,4,6-Tribromophenol	15.987	330	804	0.564	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	5357	0.489	ng	0.00
27) Fluoranthene-d10	19.271	212	4566	0.165	ng	0.00
31) Terphenyl-d14	19.869	244	6369	3.423	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.268	88	478	0.136	ng	# 44
3) n-Nitrosodimethylamine	3.579	42	141	0.036	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.628	198	17	0.199	ng	# 1
24) Pentachlorophenol	16.906	266	393	0.259	ng	# 1
25) Phenanthrene	17.278	178	787	0.025	ng	# 82
30) Pyrene	19.667	202	89	0.026	ng	# 70
32) Benzo(a)anthracene	21.410	228	271	0.085	ng	# 46
33) Chrysene	21.464	228	522	0.152	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.339	149	537	0.368	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.266	276	369	4.061	ng	# 83
37) Benzo(b)fluoranthene	23.086	252	734	9.067	ng	# 1
38) Benzo(k)fluoranthene	23.132	252	263	3.287	ng	# 1
39) Benzo(a)pyrene	23.699	252	79	1.287	ng	# 1
40) Dibenzo(a,h)anthracene	26.281	278	407	5.595	ng	# 1
41) Benzo(g,h,i)perylene	27.027	276	300	3.889	ng	# 1

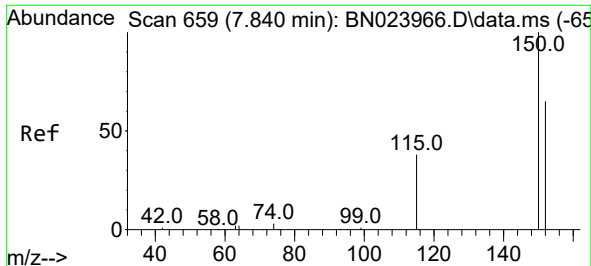
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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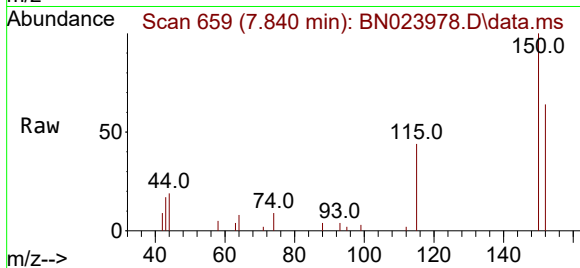
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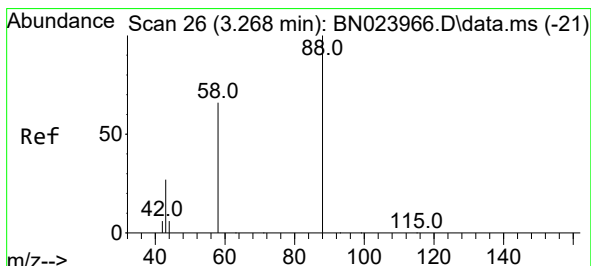
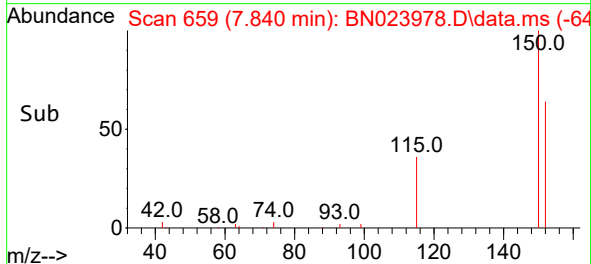
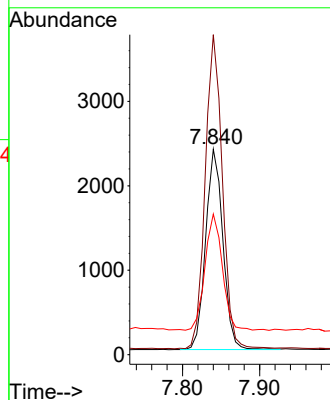


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN023978.D
 Acq: 07 Feb 2023 19:38

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-598-600

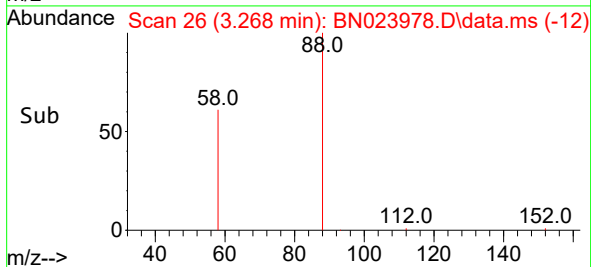
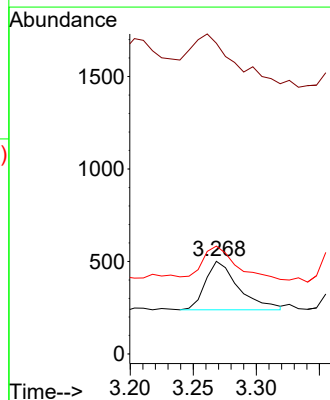
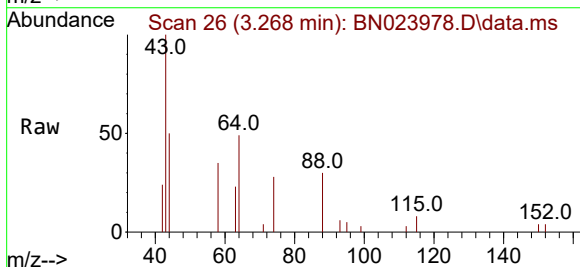


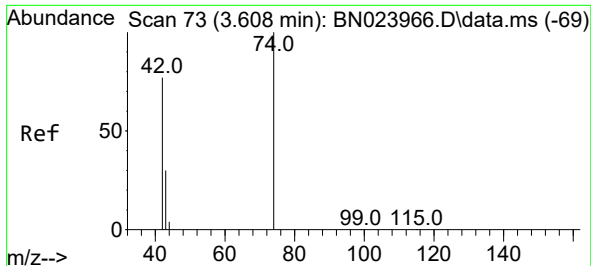
Tgt Ion:152 Resp: 3696
 Ion Ratio Lower Upper
 152 100
 150 155.7 121.8 182.6
 115 68.4 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.136 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN023978.D
 Acq: 07 Feb 2023 19:38

Tgt Ion: 88 Resp: 478
 Ion Ratio Lower Upper
 88 100
 43 126.2 23.7 35.5#
 58 67.6 53.4 80.2

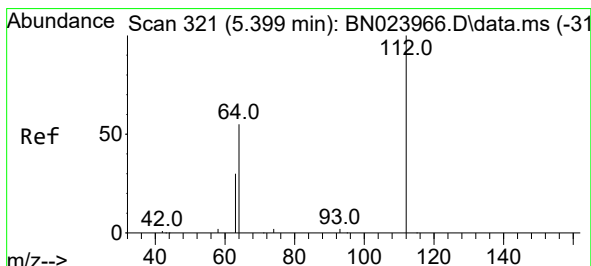
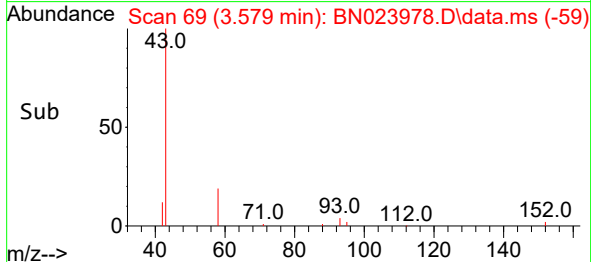
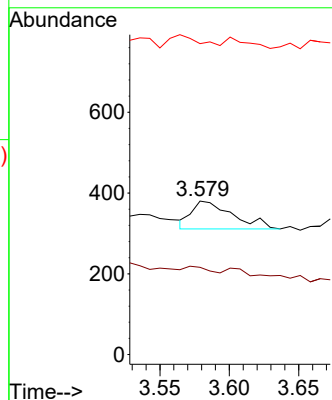
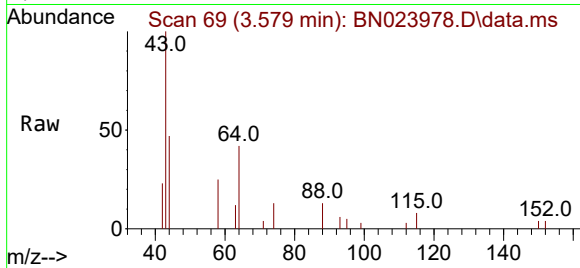




#3
n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 3.579 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

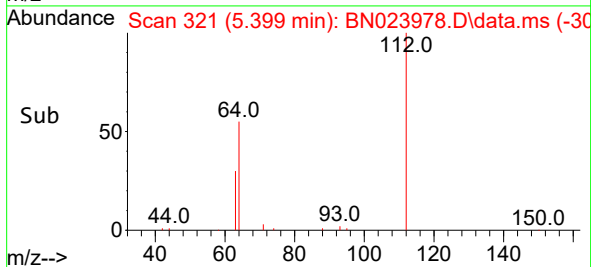
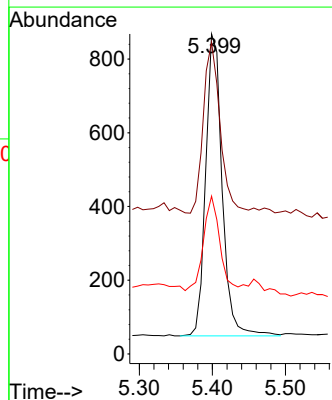
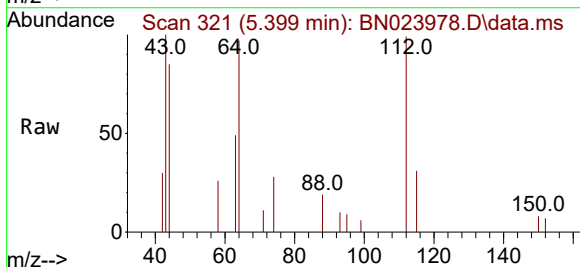
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-598-600

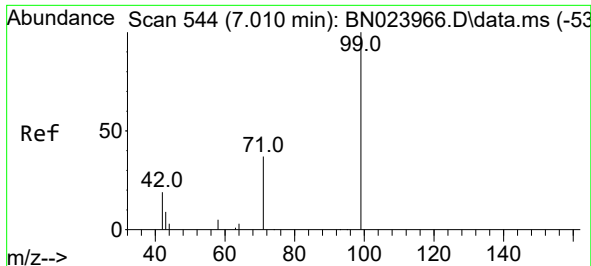
Tgt Ion: 42 Resp: 141
Ion Ratio Lower Upper
42 100
74 0.0 99.3 148.9#
44 0.0 4.2 6.4#



#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

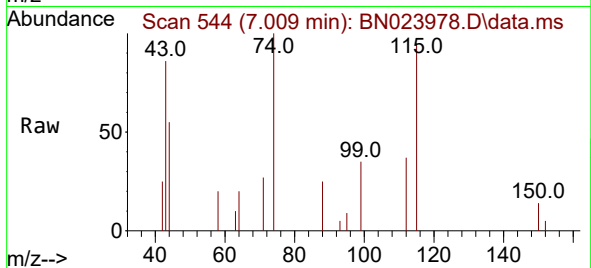
Tgt Ion: 112 Resp: 1282
Ion Ratio Lower Upper
112 100
64 57.8 44.8 67.2
63 31.7 25.1 37.7



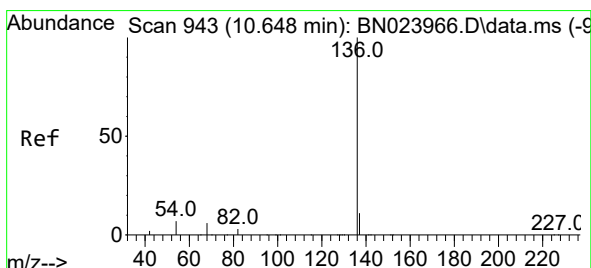
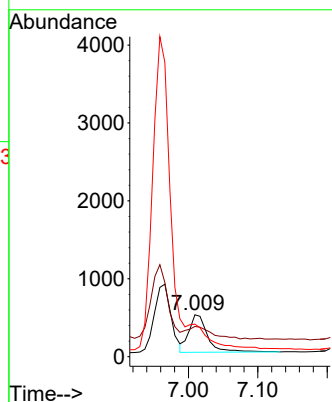
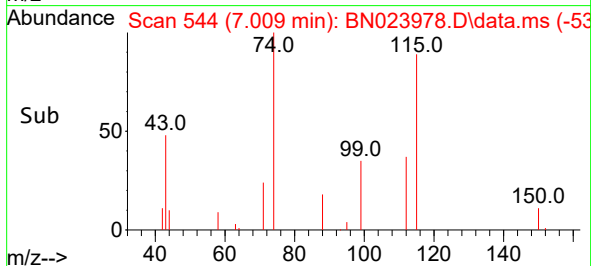


#5
Phenol-d6
Concen: 0.101 ng
RT: 7.009 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-598-600

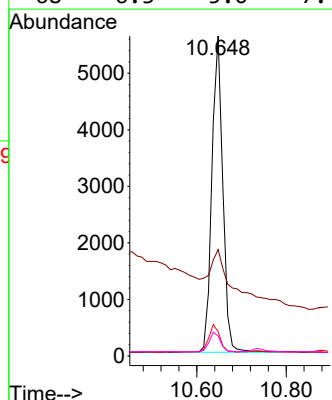
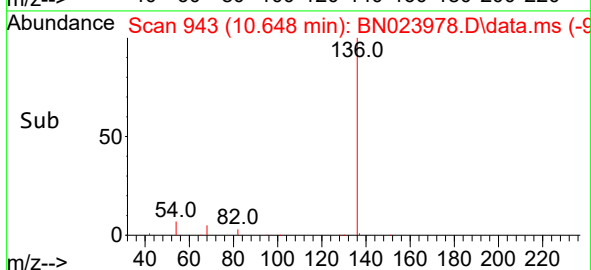
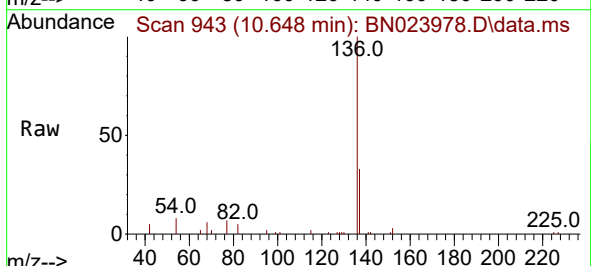


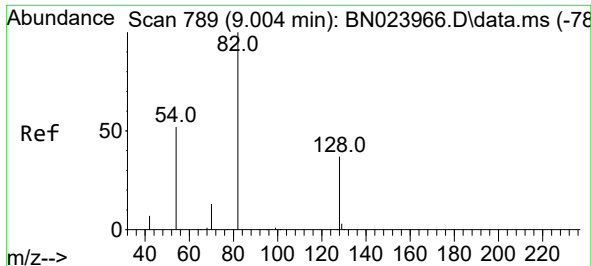
Tgt Ion	Ratio	Lower	Upper
99	100		
42	40.8	17.0	25.6#
71	0.0	29.0	43.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

Tgt Ion	Ratio	Lower	Upper
136	100		
137	33.2	9.1	13.7#
54	7.6	5.8	8.8
68	6.3	5.0	7.4

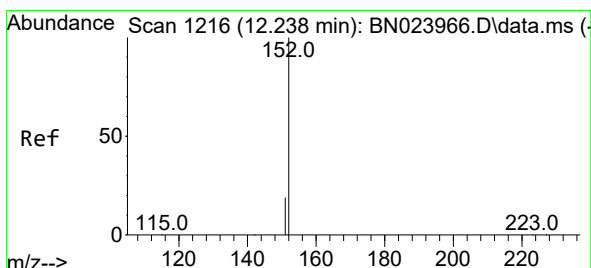
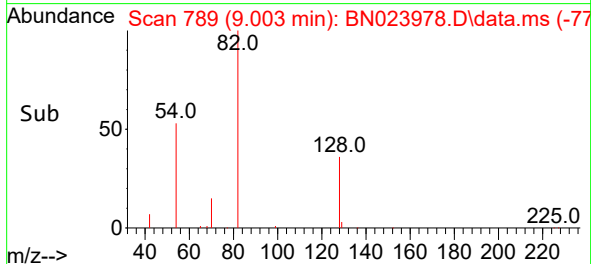
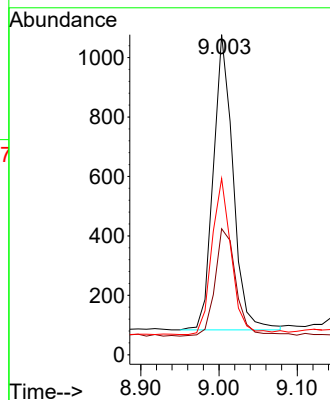
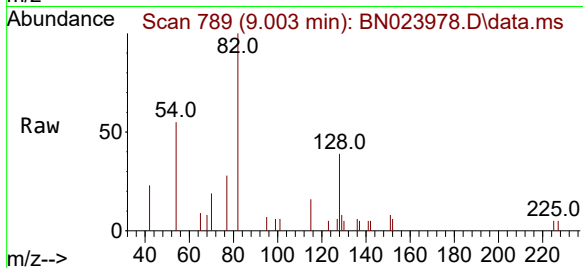




#8
Nitrobenzene-d5
Concen: 0.229 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

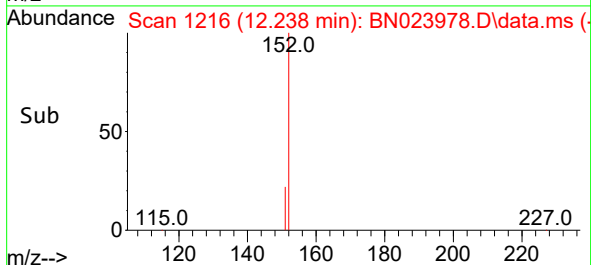
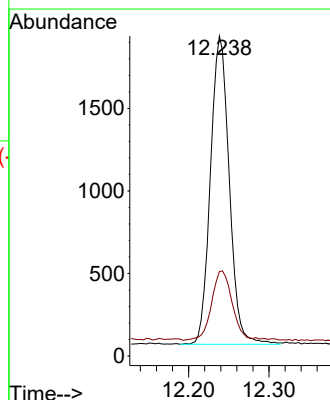
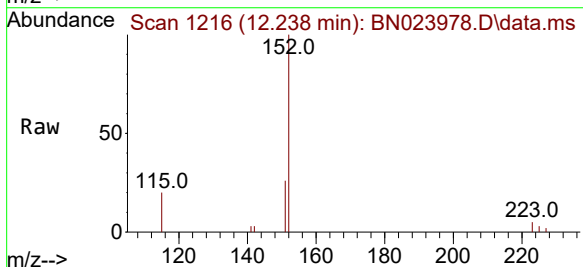
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-598-600

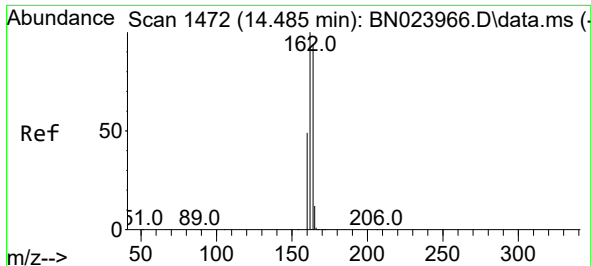
Tgt Ion: 82 Resp: 1737
Ion Ratio Lower Upper
82 100
128 39.4 31.5 47.3
54 55.1 42.8 64.2



#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

Tgt Ion: 152 Resp: 3037
Ion Ratio Lower Upper
152 100
151 24.9 16.6 24.8#

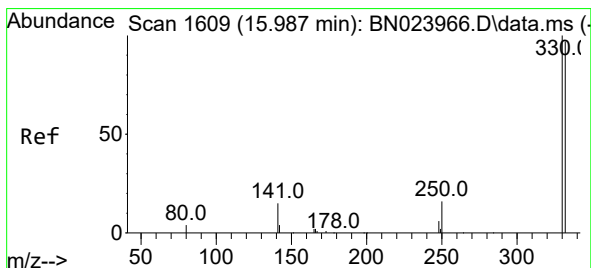
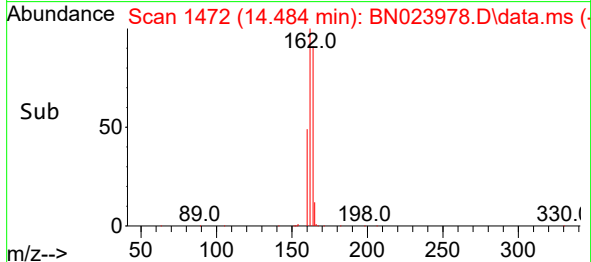
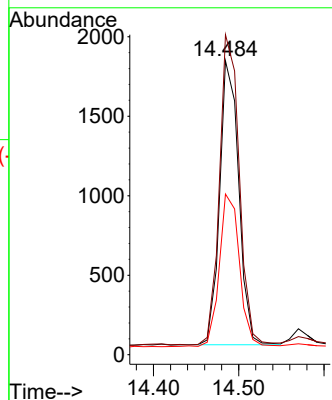
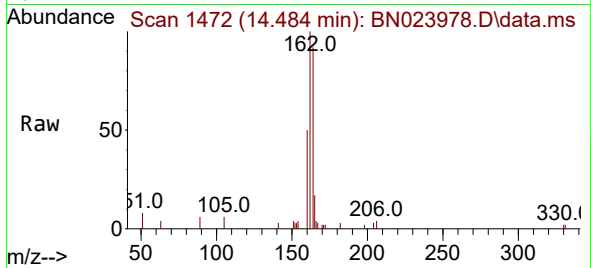




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

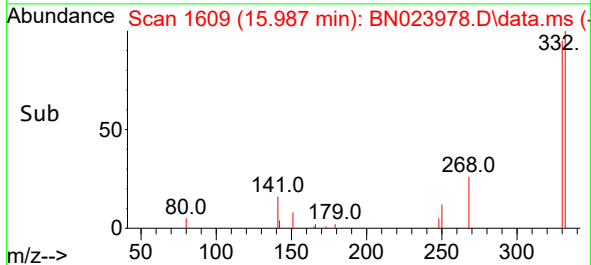
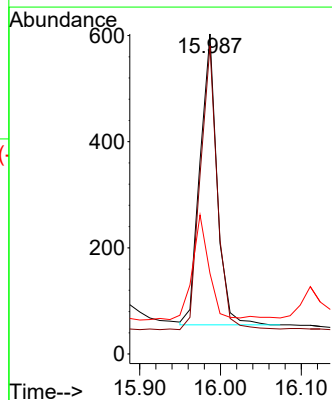
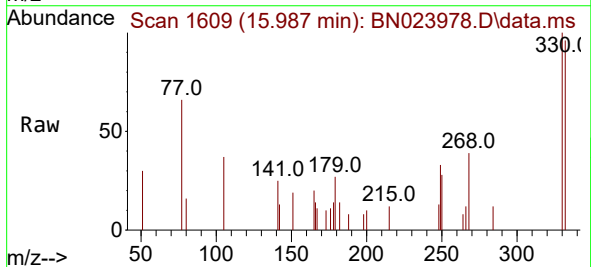
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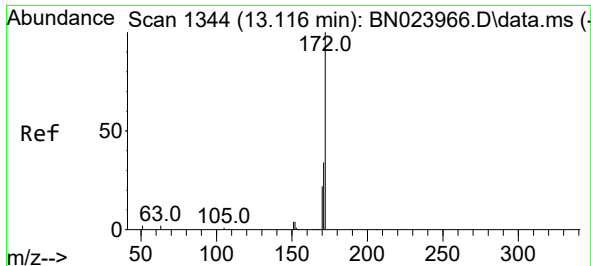
Tgt Ion:164 Resp: 2767
Ion Ratio Lower Upper
164 100
162 108.9 84.8 127.2
160 54.7 42.0 63.0



#14
2,4,6-Tribromophenol
Concen: 0.564 ng
RT: 15.987 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

Tgt Ion:330 Resp: 804
Ion Ratio Lower Upper
330 100
332 98.0 77.7 116.5
141 35.0 26.6 39.8

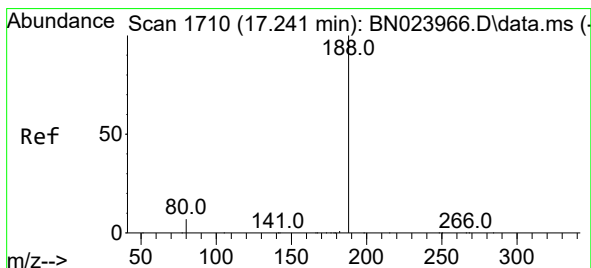
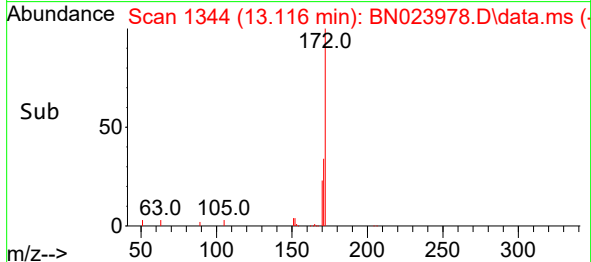
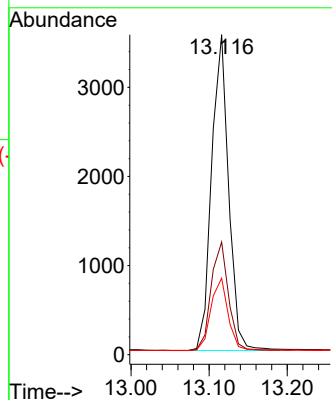
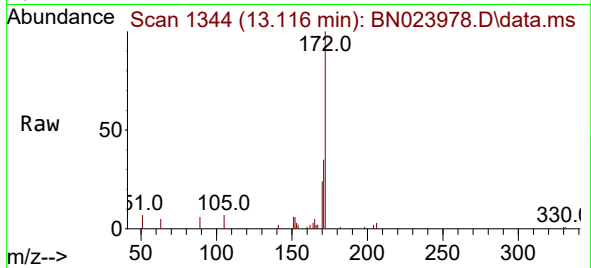




#15
2-Fluorobiphenyl
Concen: 0.489 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

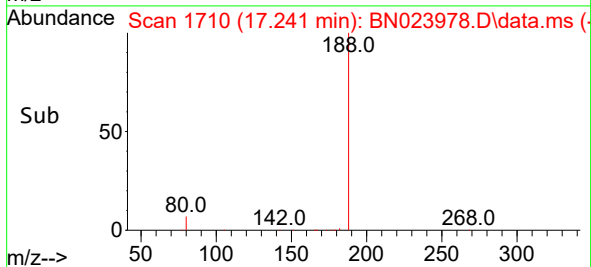
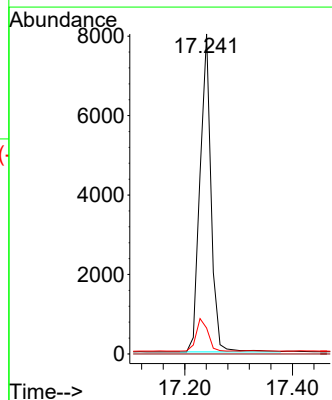
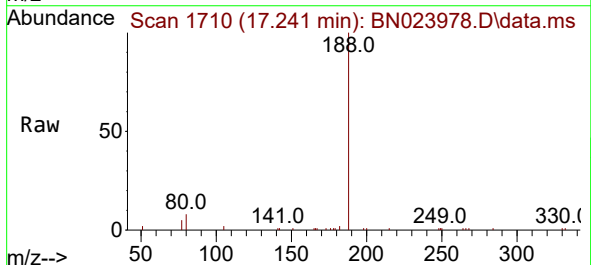
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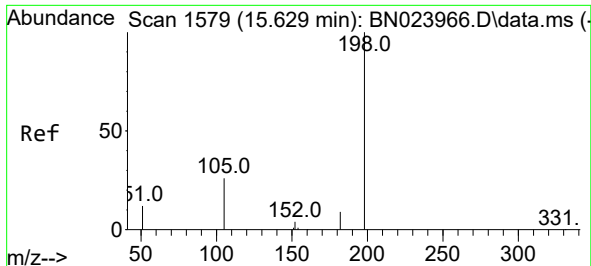
Tgt Ion:172 Resp: 5357
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.2
170 23.9 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.241 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

Tgt Ion:188 Resp: 11426
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 6.1 9.1

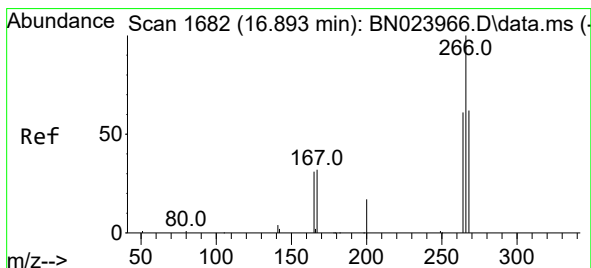
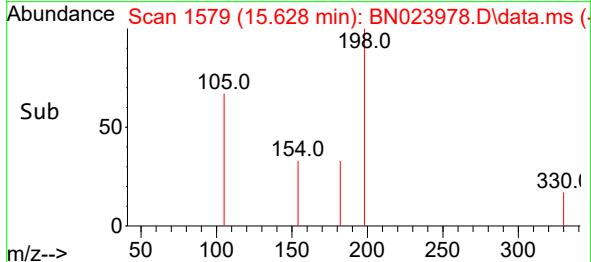
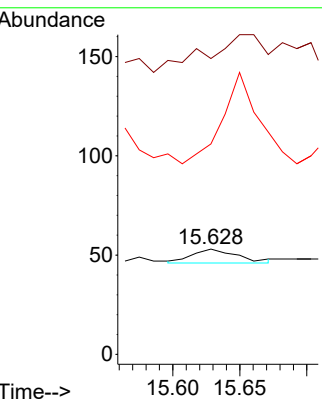
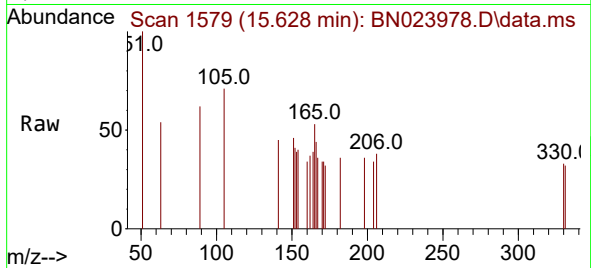




#20
4,6-Dinitro-2-methylphenol
Concen: 0.199 ng
RT: 15.628 min Scan# 1579
Delta R.T. -0.001 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

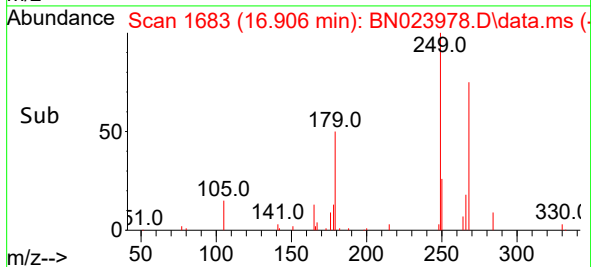
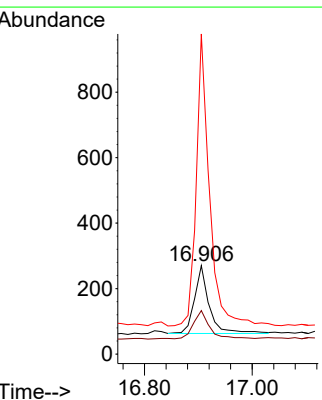
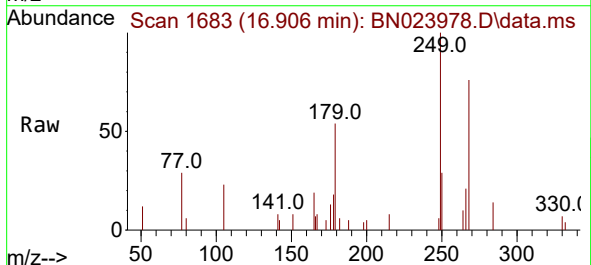
Instrument :
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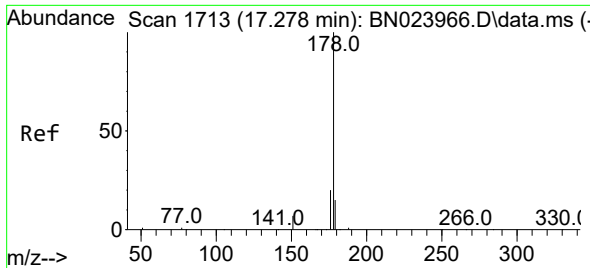
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 281.1 36.8 55.2#
105 200.0 28.8 43.2#



#24
Pentachlorophenol
Concen: 0.259 ng
RT: 16.906 min Scan# 1683
Delta R.T. 0.012 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

Tgt Ion:266 Resp: 393
Ion Ratio Lower Upper
266 100
264 45.0 47.6 71.4#
268 387.3 47.5 71.3#

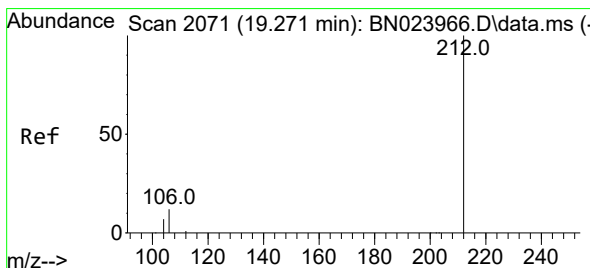
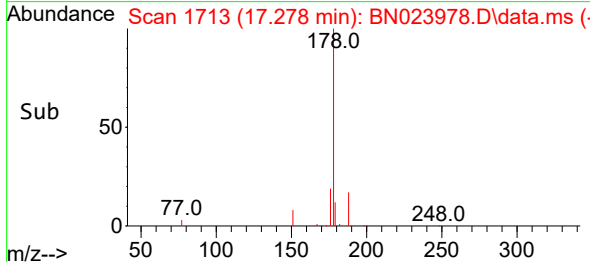
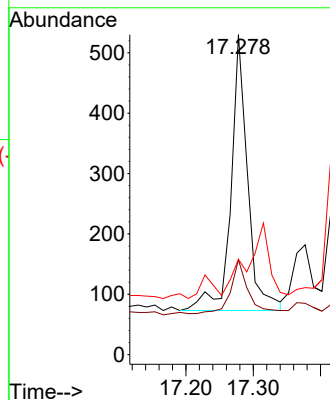
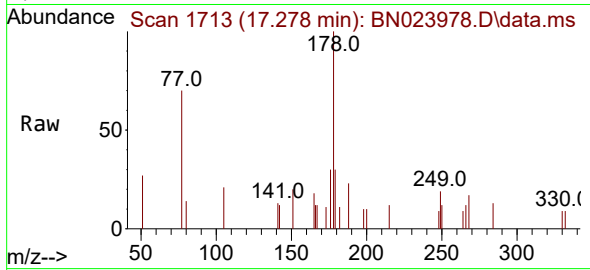




#25
Phenanthrene
Concen: 0.025 ng
RT: 17.278 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

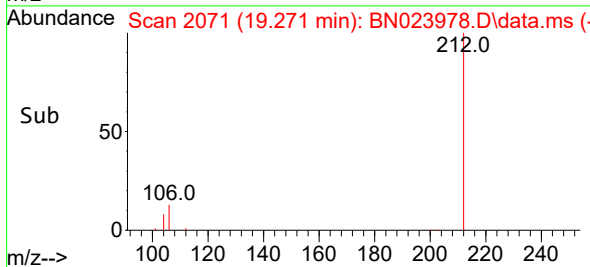
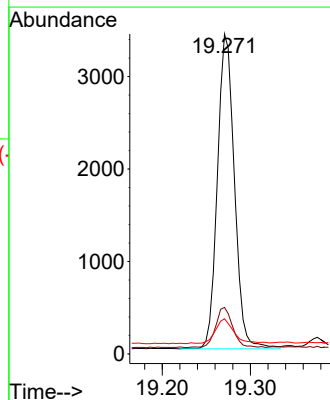
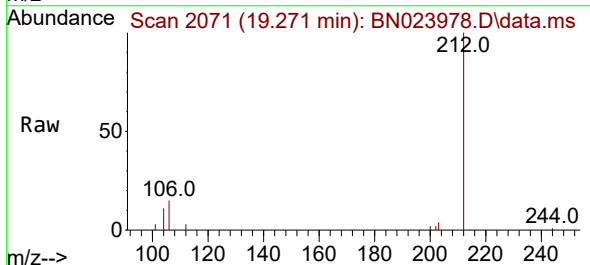
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-598-600

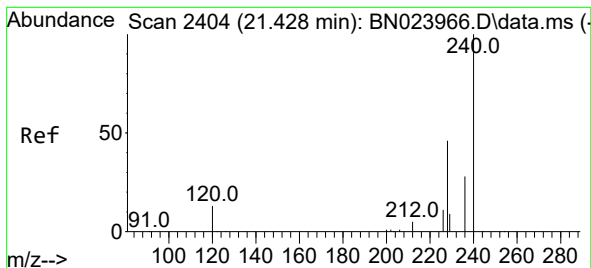
Tgt Ion:178 Resp: 787
Ion Ratio Lower Upper
178 100
176 20.8 15.6 23.4
179 0.0 12.6 19.0#



#27
Fluoranthene-d10
Concen: 0.165 ng
RT: 19.271 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

Tgt Ion:212 Resp: 4566
Ion Ratio Lower Upper
212 100
106 12.7 9.2 13.8
104 8.4 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.428 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BN023978.D

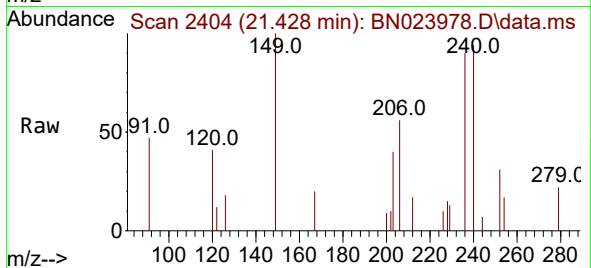
Acq: 07 Feb 2023 19:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-598-600



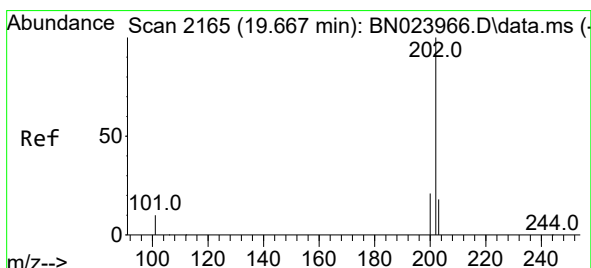
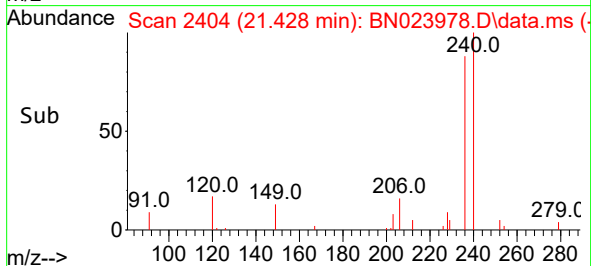
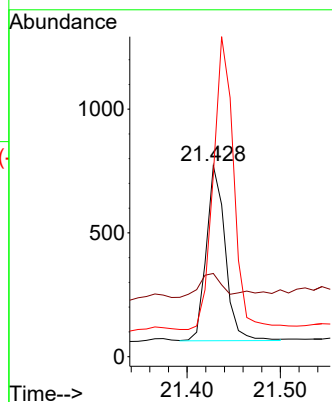
Tgt Ion:240 Resp: 997

Ion Ratio Lower Upper

240 100

120 43.5 11.4 17.0#

236 94.9 23.2 34.8#



#30

Pyrene

Concen: 0.026 ng

RT: 19.667 min Scan# 2165

Delta R.T. -0.000 min

Lab File: BN023978.D

Acq: 07 Feb 2023 19:38

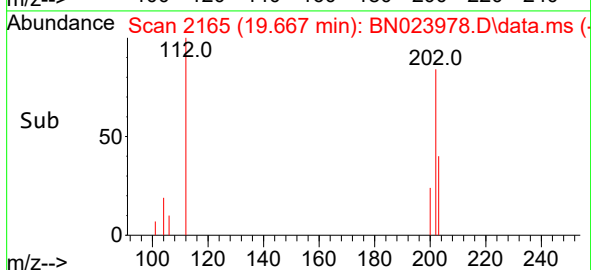
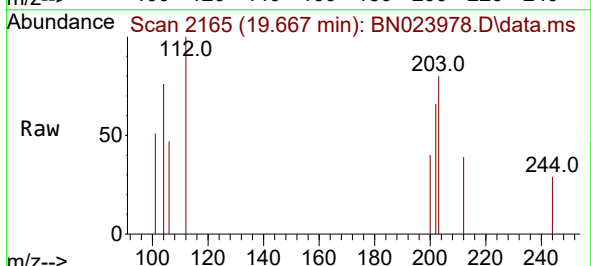
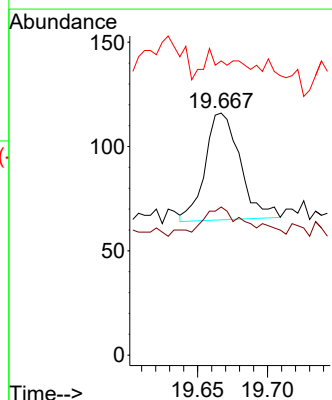
Tgt Ion:202 Resp: 89

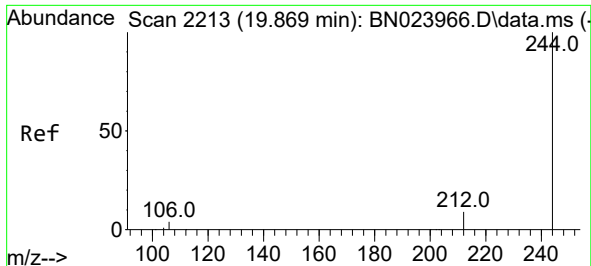
Ion Ratio Lower Upper

202 100

200 30.3 16.7 25.1#

203 0.0 14.4 21.6#

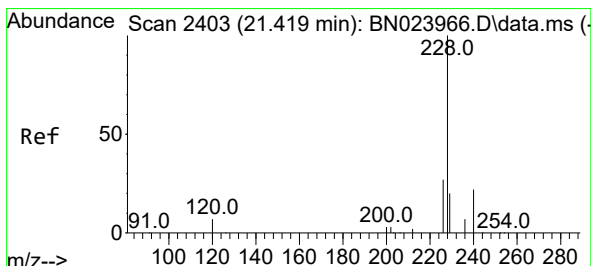
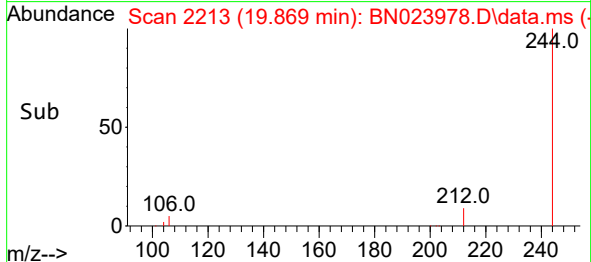
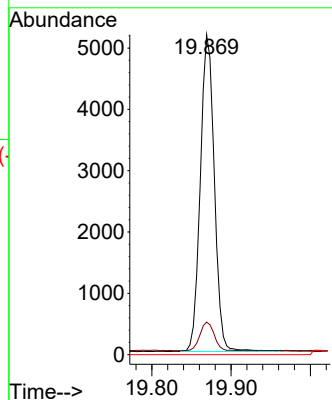
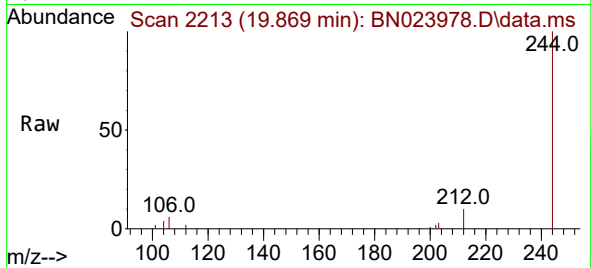




#31
 Terphenyl-d14
 Concen: 3.423 ng
 RT: 19.869 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023978.D
 Acq: 07 Feb 2023 19:38

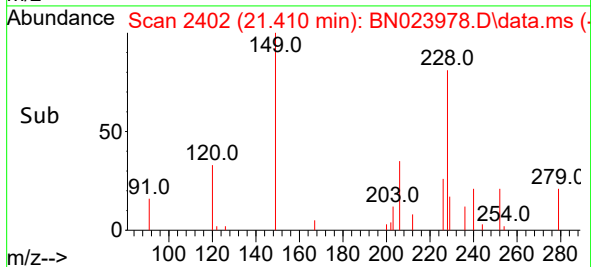
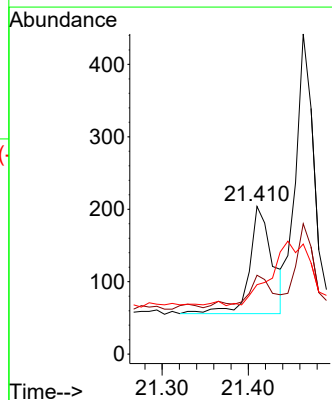
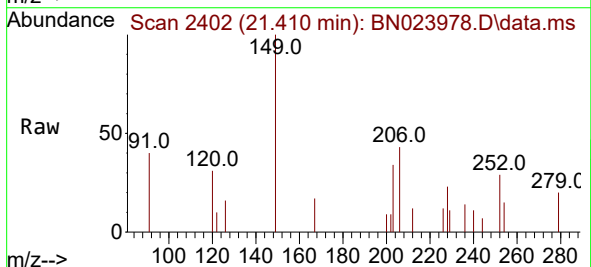
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-598-600

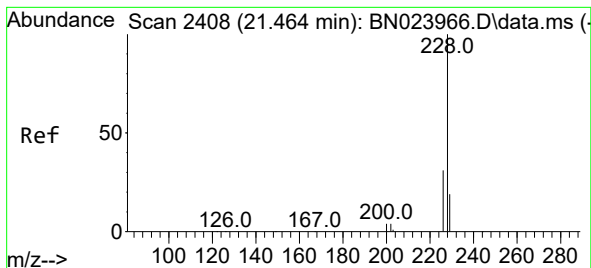
Tgt Ion:244 Resp: 6369
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.7 11.5
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.085 ng
 RT: 21.410 min Scan# 2402
 Delta R.T. -0.009 min
 Lab File: BN023978.D
 Acq: 07 Feb 2023 19:38

Tgt Ion:228 Resp: 271
 Ion Ratio Lower Upper
 228 100
 226 53.4 21.8 32.8#
 229 47.1 15.9 23.9#





#33

Chrysene

Concen: 0.152 ng

RT: 21.464 min Scan# 2408

Delta R.T. -0.000 min

Lab File: BN023978.D

Acq: 07 Feb 2023 19:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-598-600

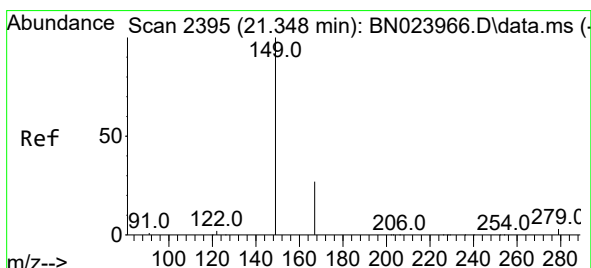
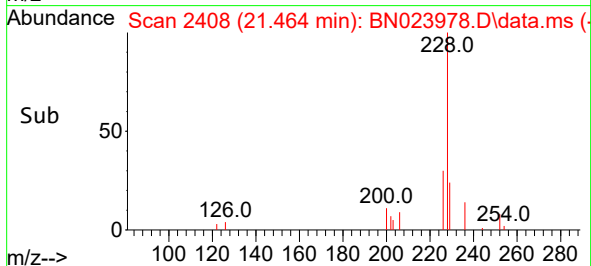
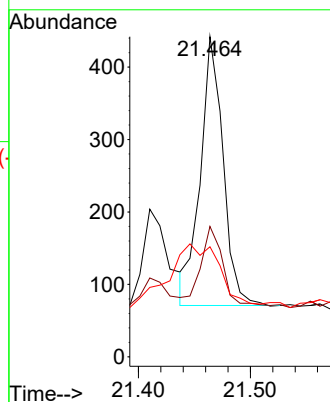
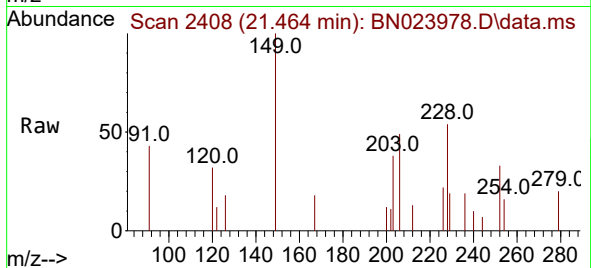
Tgt Ion:228 Resp: 522

Ion Ratio Lower Upper

228 100

226 40.7 25.2 37.8#

229 34.4 15.7 23.5#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.368 ng

RT: 21.339 min Scan# 2394

Delta R.T. -0.009 min

Lab File: BN023978.D

Acq: 07 Feb 2023 19:38

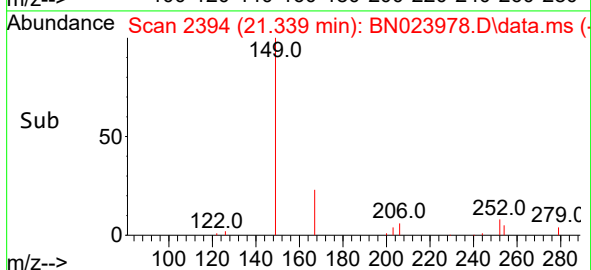
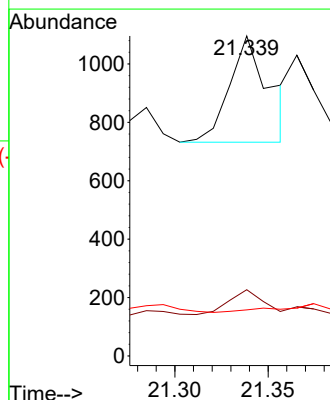
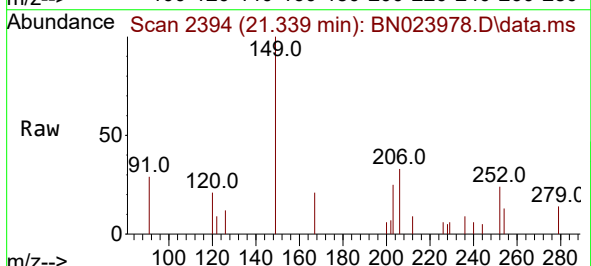
Tgt Ion:149 Resp: 537

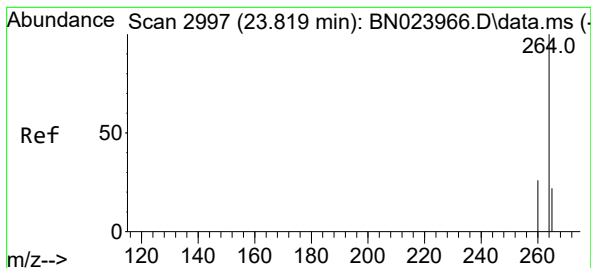
Ion Ratio Lower Upper

149 100

167 24.8 21.1 31.7

279 0.0 3.1 4.7#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.805 min Scan# 2997

Delta R.T. -0.015 min

Lab File: BN023978.D

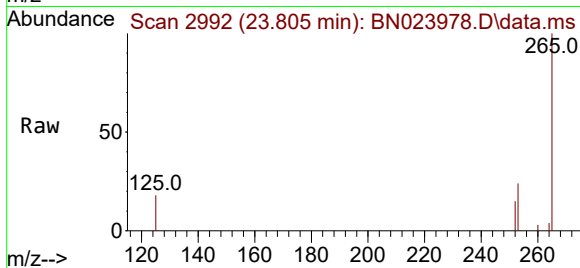
Acq: 07 Feb 2023 19:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-598-600



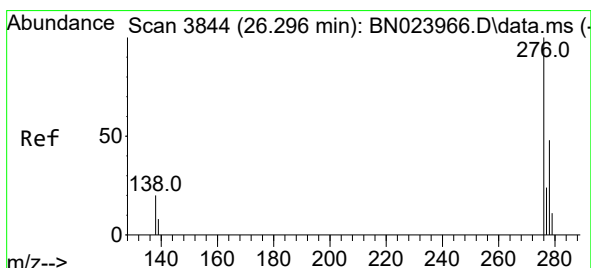
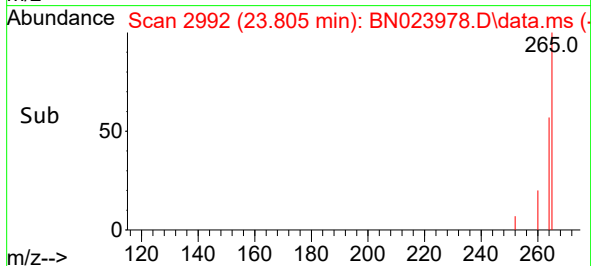
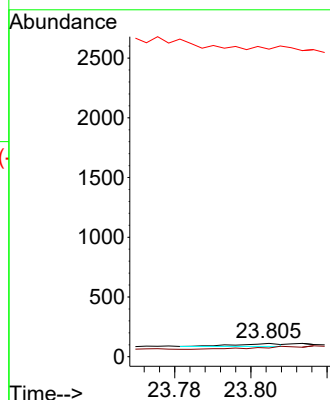
Tgt Ion:264 Resp: 20

Ion Ratio Lower Upper

264 100

260 65.2 21.4 32.0#

265 2299.1 41.4 62.0#



#36

Indeno(1,2,3-cd)pyrene

Concen: 4.061 ng

RT: 26.266 min Scan# 3834

Delta R.T. -0.029 min

Lab File: BN023978.D

Acq: 07 Feb 2023 19:38

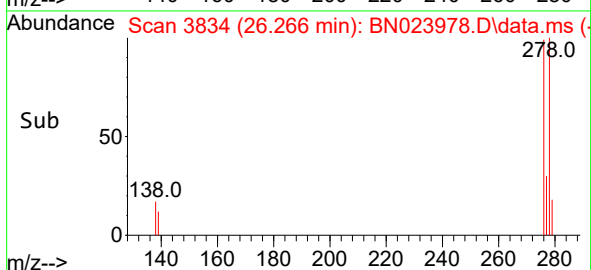
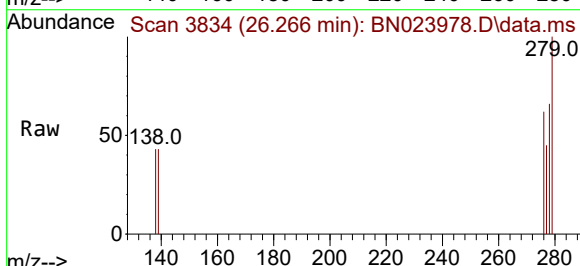
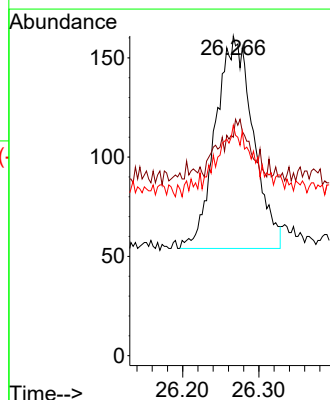
Tgt Ion:276 Resp: 369

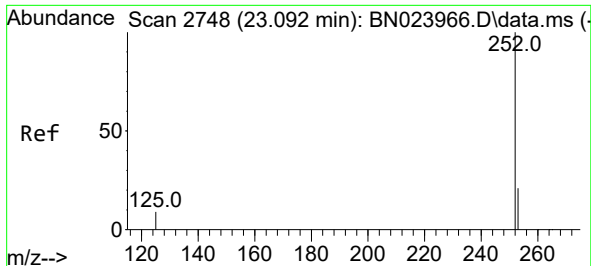
Ion Ratio Lower Upper

276 100

138 9.2 18.0 27.0#

277 28.7 19.9 29.9

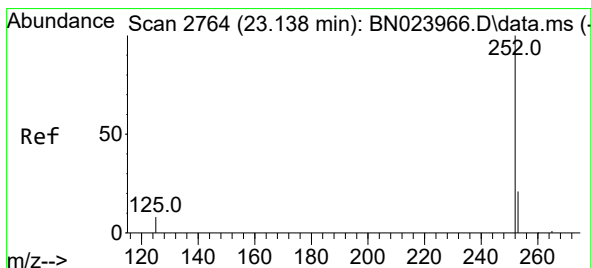
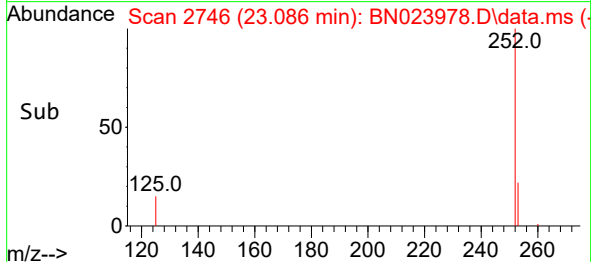
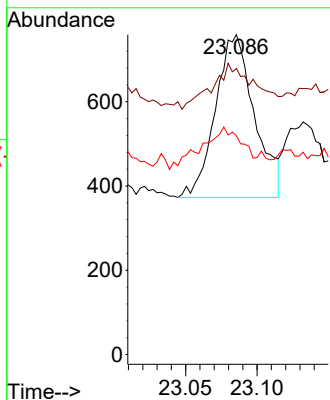
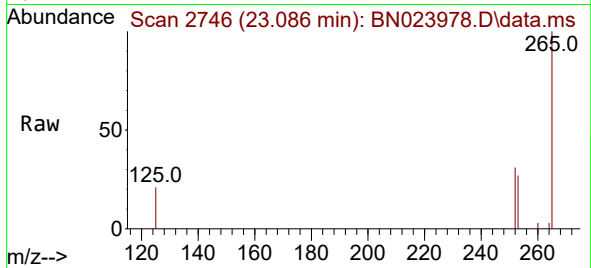




#37
Benzo(b)fluoranthene
Concen: 9.067 ng
RT: 23.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

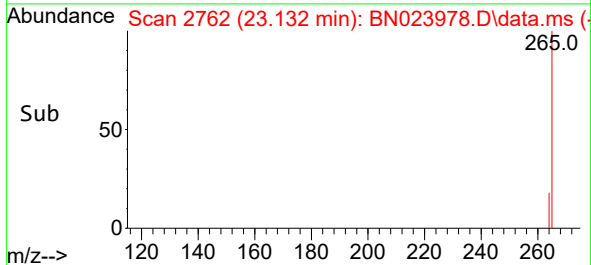
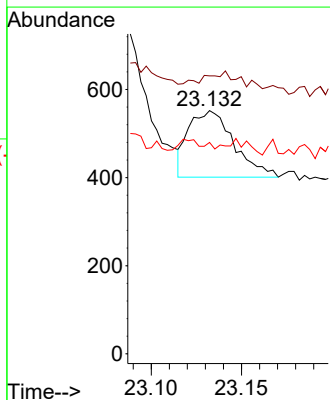
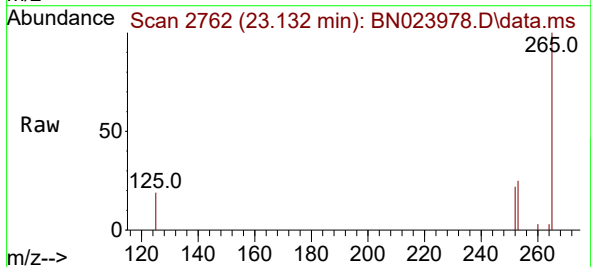
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-598-600

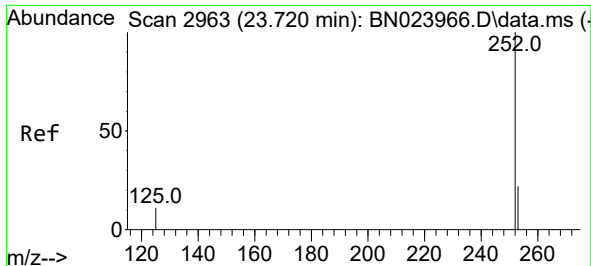
Tgt Ion:252 Resp: 734
Ion Ratio Lower Upper
252 100
253 89.5 19.8 29.6#
125 68.4 9.4 14.0#



#38
Benzo(k)fluoranthene
Concen: 3.287 ng
RT: 23.132 min Scan# 2762
Delta R.T. -0.006 min
Lab File: BN023978.D
Acq: 07 Feb 2023 19:38

Tgt Ion:252 Resp: 263
Ion Ratio Lower Upper
252 100
253 114.3 20.2 30.2#
125 87.0 9.0 13.4#





#39

Benzo(a)pyrene

Concen: 1.287 ng

RT: 23.699 min Scan# 2956

Delta R.T. -0.021 min

Lab File: BN023978.D

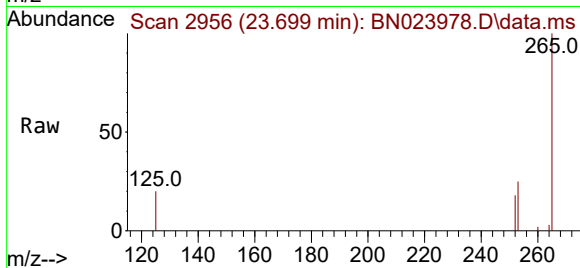
Acq: 07 Feb 2023 19:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10-GW-598-600



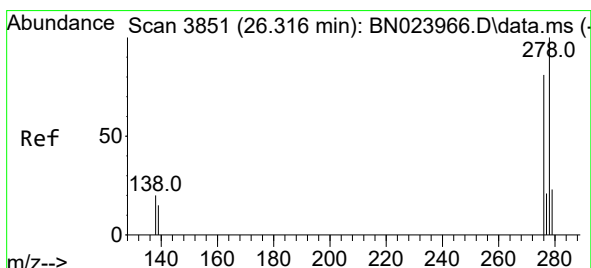
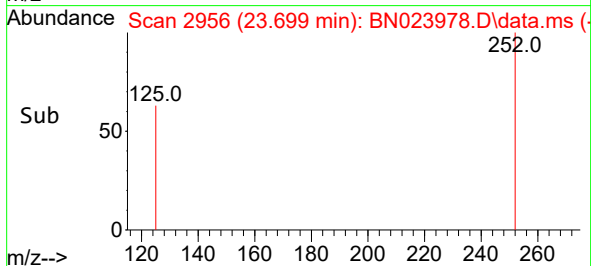
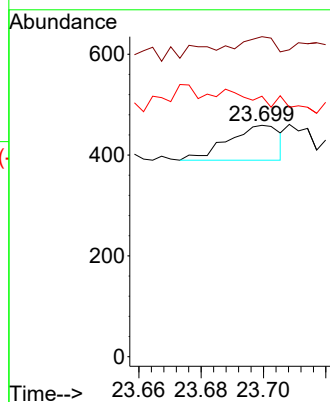
Tgt Ion:252 Resp: 79

Ion Ratio Lower Upper

252 100

253 138.3 21.9 32.9#

125 112.6 12.4 18.6#



#40

Dibenzo(a,h)anthracene

Concen: 5.595 ng

RT: 26.281 min Scan# 3839

Delta R.T. -0.035 min

Lab File: BN023978.D

Acq: 07 Feb 2023 19:38

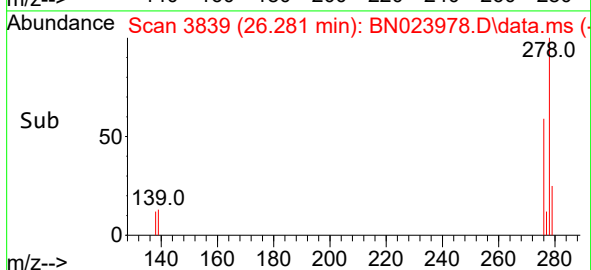
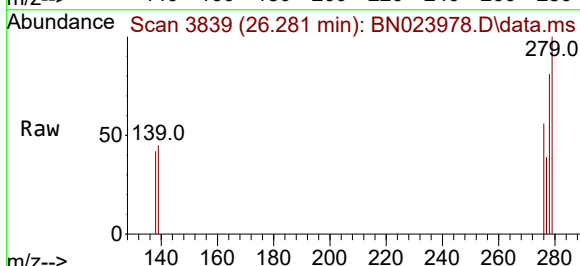
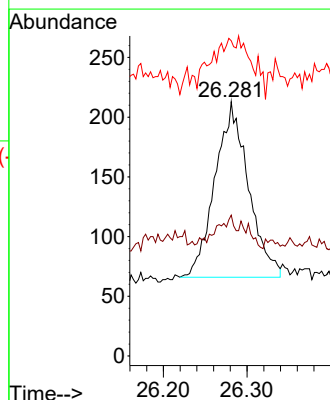
Tgt Ion:278 Resp: 407

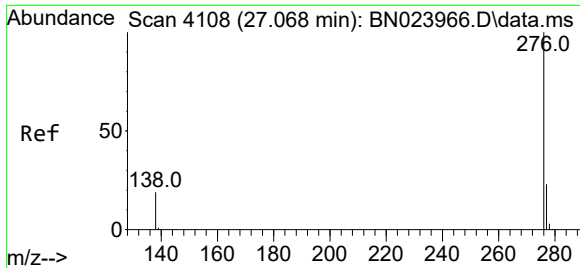
Ion Ratio Lower Upper

278 100

139 55.4 13.1 19.7#

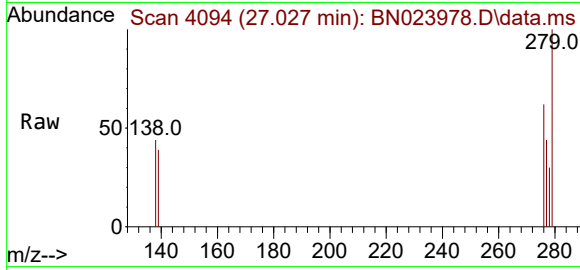
279 123.9 21.7 32.5#





#41
 Benzo(g,h,i)perylene
 Concen: 3.889 ng
 RT: 27.027 min Scan# 4094
 Delta R.T. -0.041 min
 Lab File: BN023978.D
 Acq: 07 Feb 2023 19:38

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-598-600



Tgt Ion:276 Resp: 300
 Ion Ratio Lower Upper
 276 100
 277 71.0 19.6 29.4#
 138 71.0 16.2 24.4#

