

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023035.D
 Acq On : 02 Dec 2022 03:07
 Operator : CG/JU
 Sample : N5757-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20221121

Quant Time: Dec 02 05:12:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 02:30:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5108	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	13193	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	6086	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	11272	0.400	ng	# 0.00
29) Chrysene-d12	21.620	240	7008	0.400	ng	# 0.00
35) Perylene-d12	24.098	264	5201	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1324	0.100	ng	0.00
5) Phenol-d6	7.204	99	1012	0.060	ng	0.00
8) Nitrobenzene-d5	9.217	82	3573	0.349	ng	0.00
11) 2-Methylnaphthalene-d10	12.458	152	7164	0.250	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	582	0.198	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	10880	0.391	ng	0.00
27) Fluoranthene-d10	19.465	212	9062	0.296	ng	0.00
31) Terphenyl-d14	20.053	244	7090	0.431	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	11112	1.714	ng	99
3) n-Nitrosodimethylamine	3.694	42	270	0.039	ng	# 1
32) Benzo(a)anthracene	21.602	228	772	0.027	ng	# 88
33) Chrysene	21.656	228	983	0.033	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.522	149	7092	0.624	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.695	276	711	0.033	ng	# 79
37) Benzo(b)fluoranthene	23.338	252	898	0.039	ng	# 13
38) Benzo(k)fluoranthene	23.385	252	774	0.031	ng	# 5
39) Benzo(a)pyrene	23.987	252	387	0.022	ng	# 1
40) Dibenzo(a,h)anthracene	26.709	278	599	0.035	ng	# 20
41) Benzo(g,h,i)perylene	27.493	276	697	0.038	ng	# 59

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

Instrument :
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GM38-RW3-MW1-20221121

TIC: BN023035.D\data.ms

Abundance

Time-->

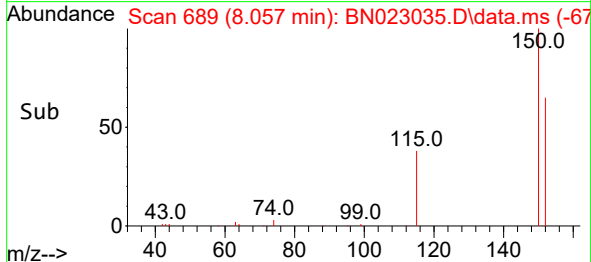
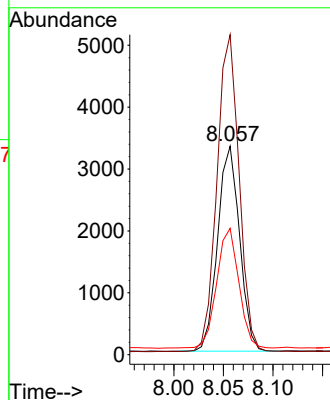
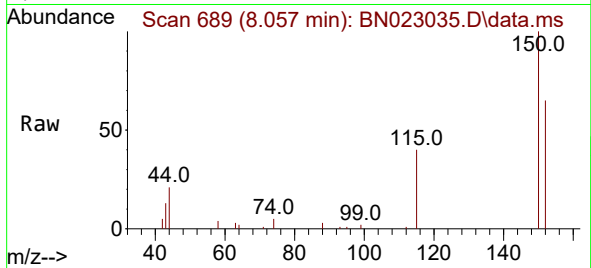
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n-Nitrosodimethylamine
2-Fluorophenol, S
Phenol-d6 S
1,4-Dichlorobenzene-d4, I
Nitrobenzene-d5, S
Naphthalene-d8, I
2-Methylnaphthalene-d10, SURR
2-Fluorobiphenyl, S
Acenaphthene-d10, I
2,4,6-Tribromophenol, S
Phenanthrene-d10, I
Fluoranthene-d10, SURR
Terphenyl-d14, S
Bis(2-ethylhexyl)phthalate
Benzophenone
Benzo(k)fluoranthene
Benzo(a)anthracene
Dibenz(a,h)pyrene
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.057 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

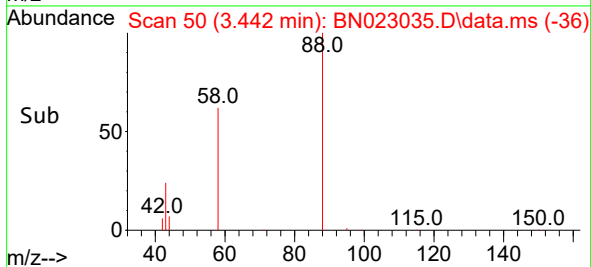
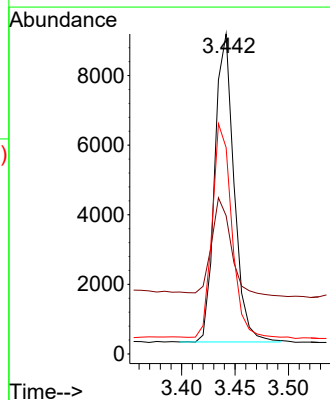
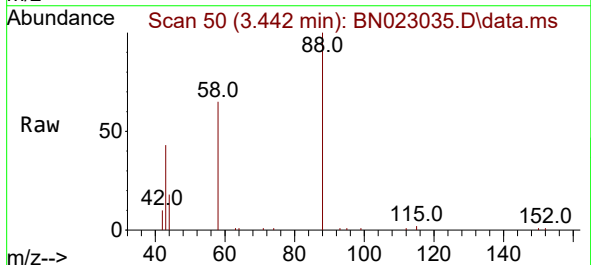
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121

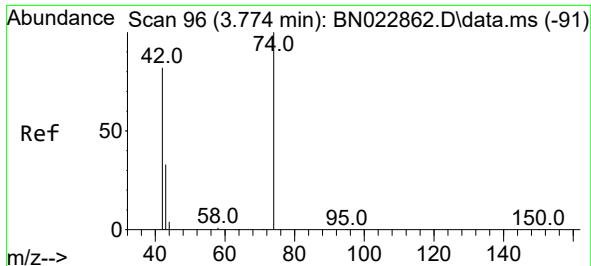
Tgt Ion:152 Resp: 5108
Ion Ratio Lower Upper
152 100
150 153.5 121.2 181.8
115 60.6 46.2 69.4



#2
1,4-Dioxane
Concen: 1.714 ng
RT: 3.442 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

Tgt Ion: 88 Resp: 11112
Ion Ratio Lower Upper
88 100
43 32.7 25.4 38.2
58 70.0 56.5 84.7

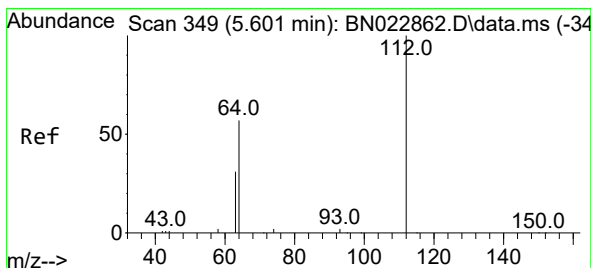
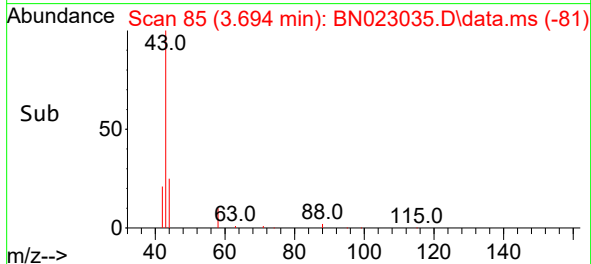
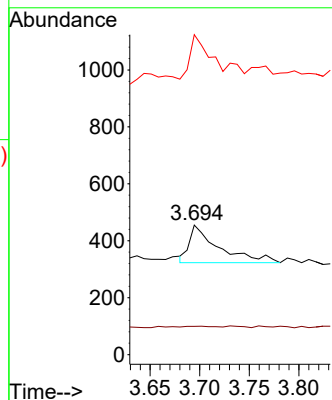
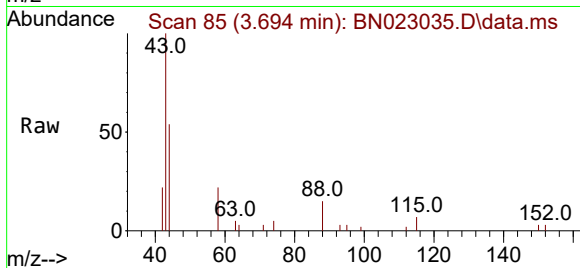




#3
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 3.694 min Scan# 81
Delta R.T. -0.072 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

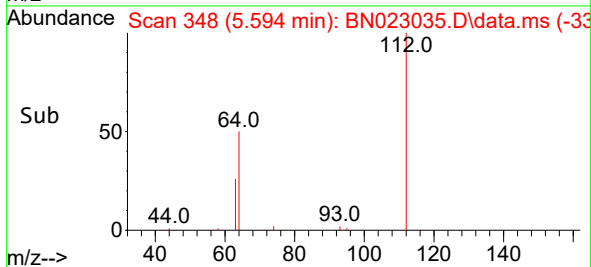
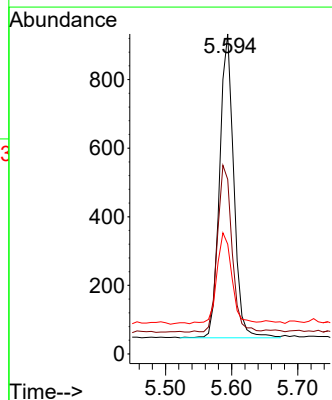
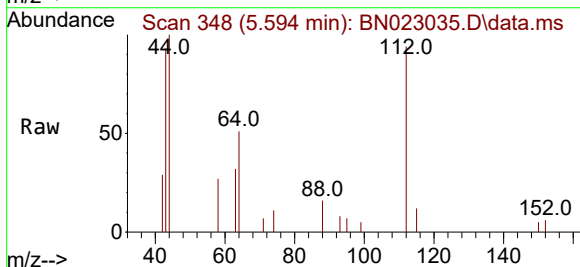
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121

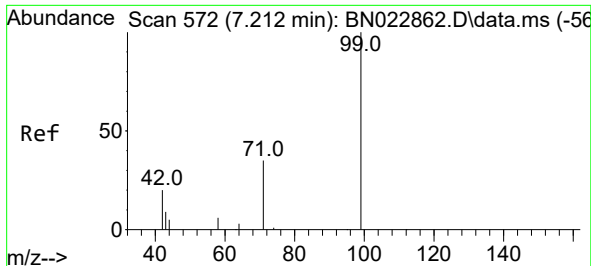
Tgt Ion: 42 Resp: 270
Ion Ratio Lower Upper
42 100
74 1.9 99.3 148.9#
44 98.9 5.4 8.2#



#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.594 min Scan# 348
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

Tgt Ion: 112 Resp: 1324
Ion Ratio Lower Upper
112 100
64 56.0 43.4 65.2
63 31.4 23.4 35.2

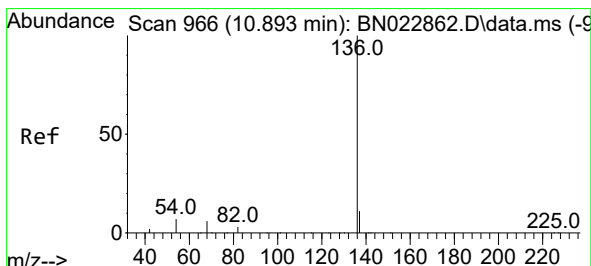
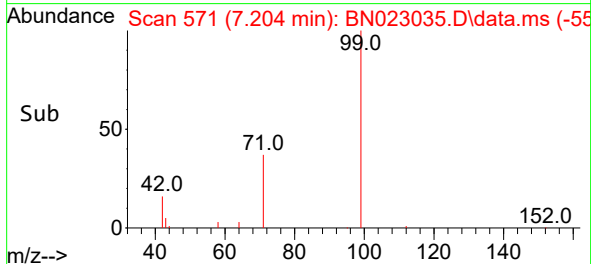
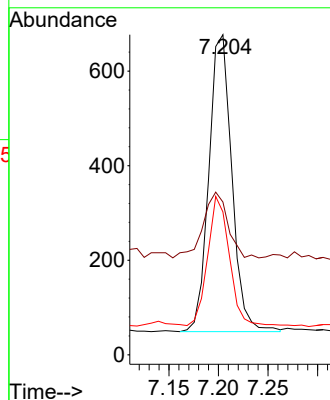
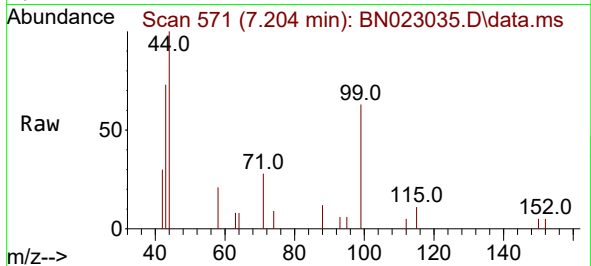




#5
Phenol-d6
Concen: 0.060 ng
RT: 7.204 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

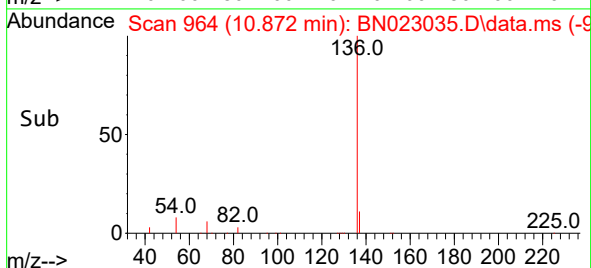
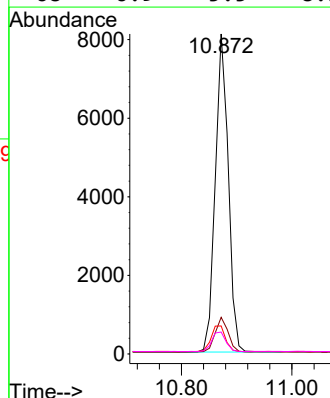
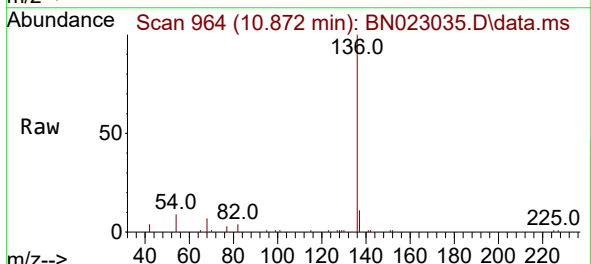
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121

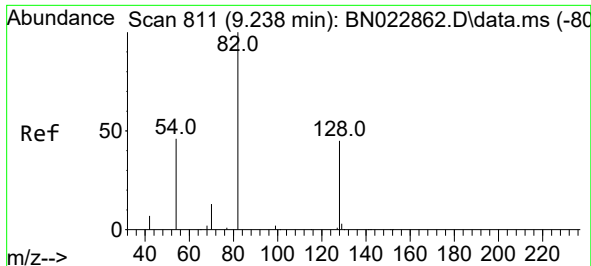
Tgt Ion: 99 Resp: 1012
Ion Ratio Lower Upper
99 100
42 23.6 16.0 24.0
71 42.1 26.8 40.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

Tgt Ion: 136 Resp: 13193
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 8.7 6.6 9.8
68 6.9 5.5 8.3

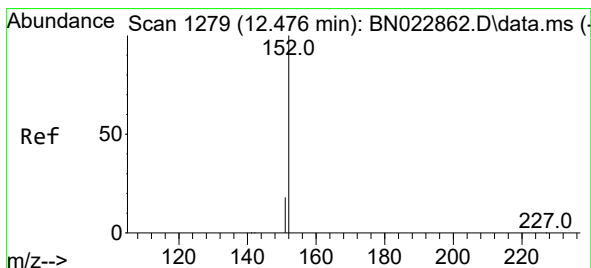
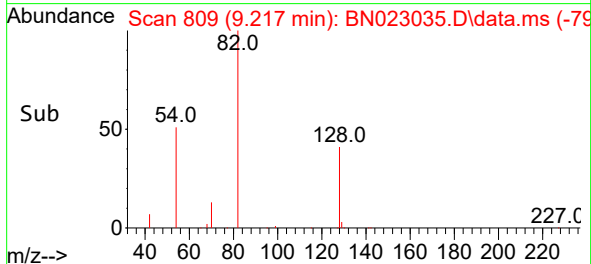
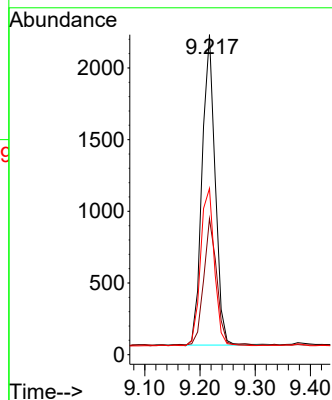
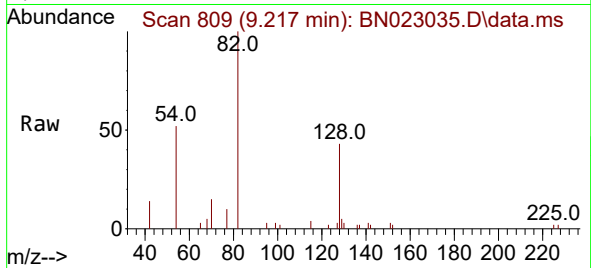




#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

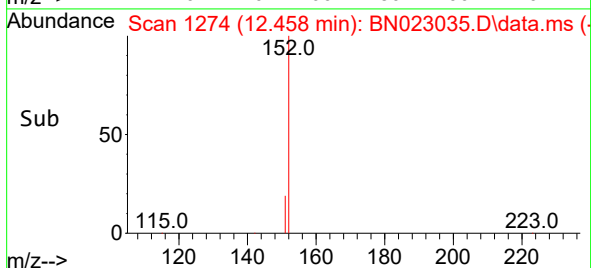
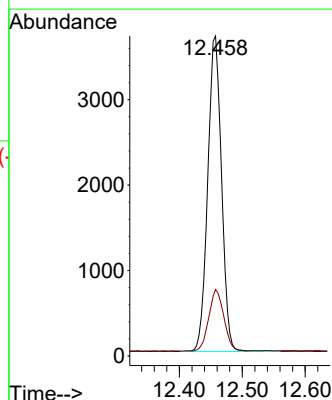
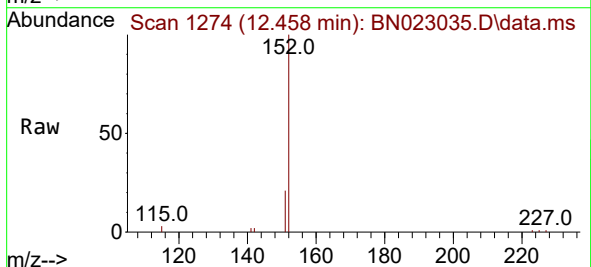
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121

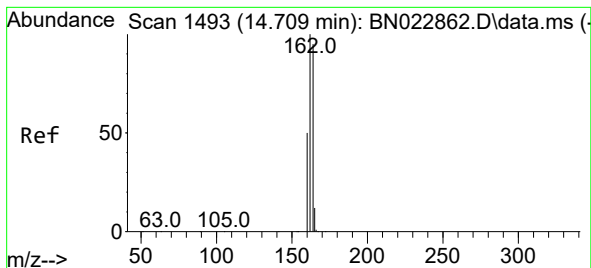
Tgt Ion: 82 Resp: 3573
Ion Ratio Lower Upper
82 100
128 42.5 36.6 54.8
54 52.0 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.250 ng
RT: 12.458 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

Tgt Ion: 152 Resp: 7164
Ion Ratio Lower Upper
152 100
151 16.8 18.6 27.8#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.688 min Scan# 1491

Delta R.T. -0.000 min

Lab File: BN023035.D

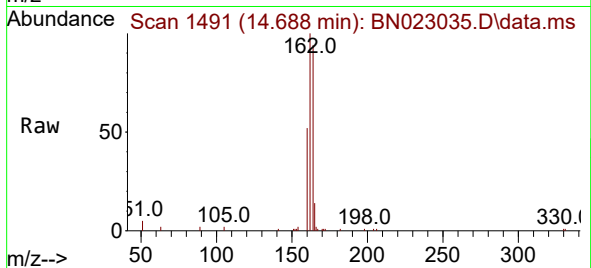
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Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20221121



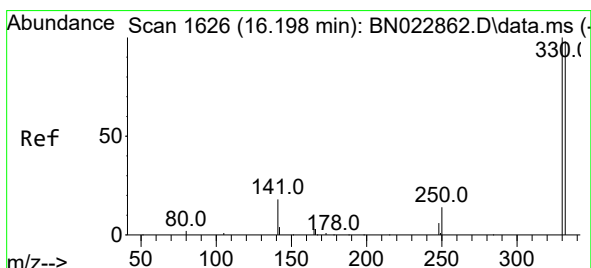
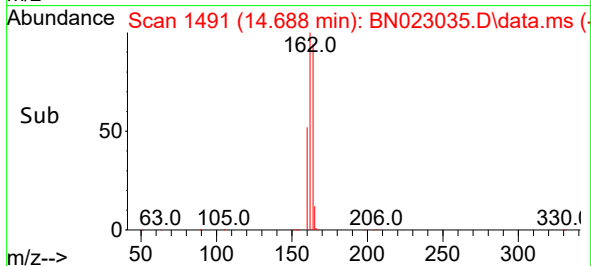
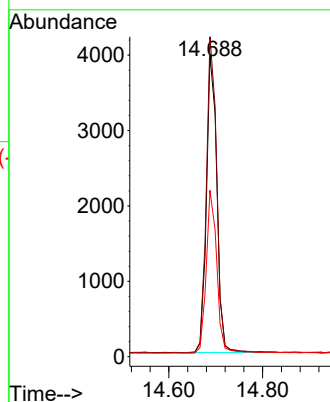
Tgt Ion:164 Resp: 6086

Ion Ratio Lower Upper

164 100

162 106.2 84.2 126.4

160 55.2 42.5 63.7



#14

2,4,6-Tribromophenol

Concen: 0.198 ng

RT: 16.186 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BN023035.D

Acq: 02 Dec 2022 03:07

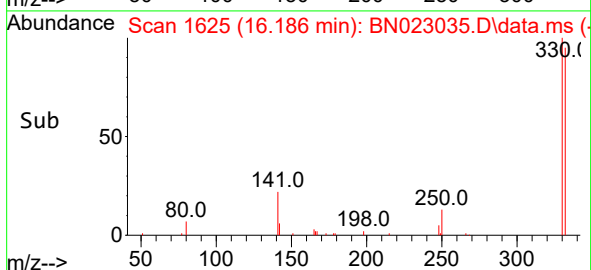
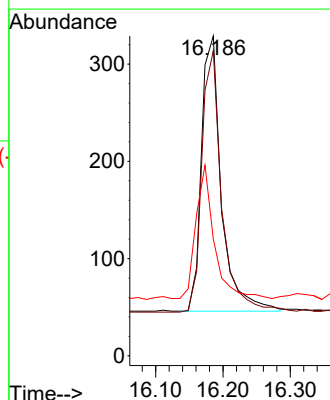
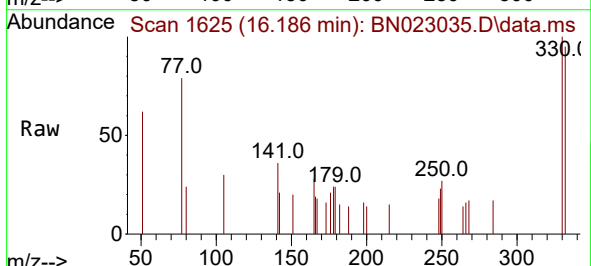
Tgt Ion:330 Resp: 582

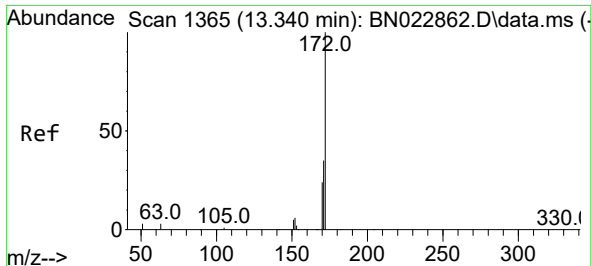
Ion Ratio Lower Upper

330 100

332 95.4 76.5 114.7

141 44.0 32.6 48.8

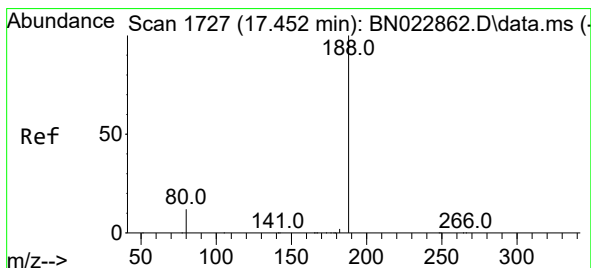
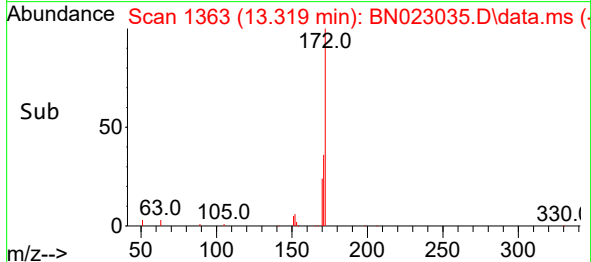
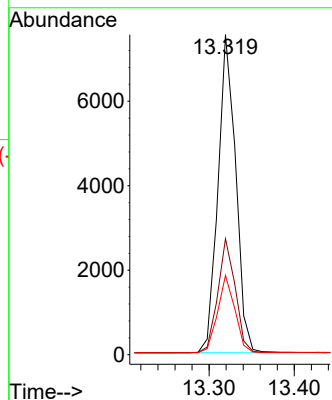
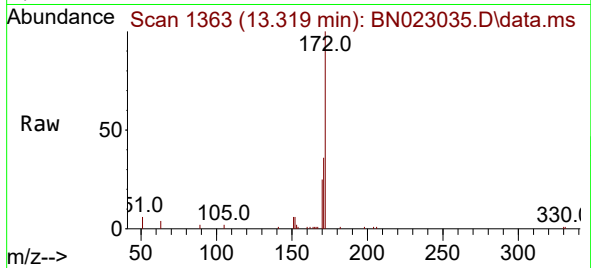




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.319 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

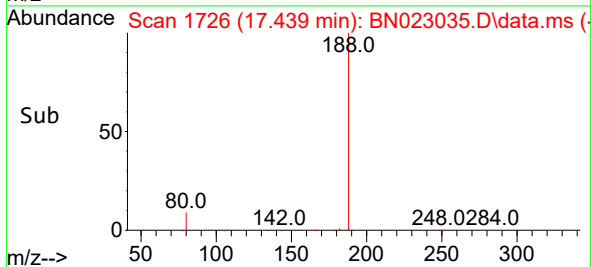
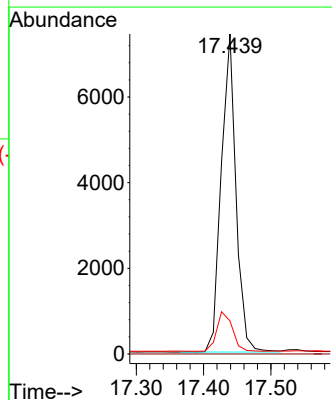
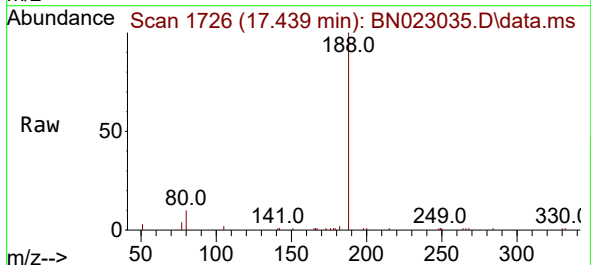
Instrument :
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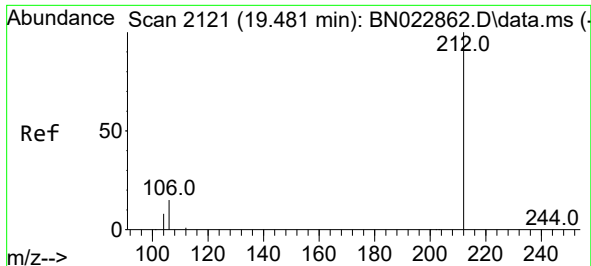
Tgt Ion:172 Resp: 10880
Ion Ratio Lower Upper
172 100
171 36.3 28.2 42.4
170 24.7 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

Tgt Ion:188 Resp: 11272
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 10.3 15.5#

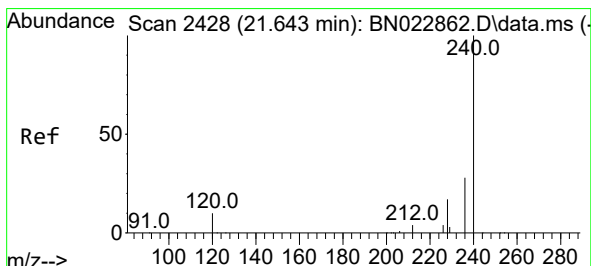
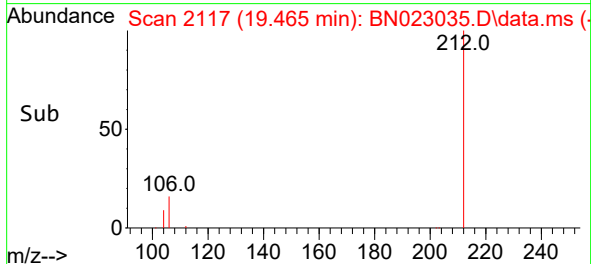
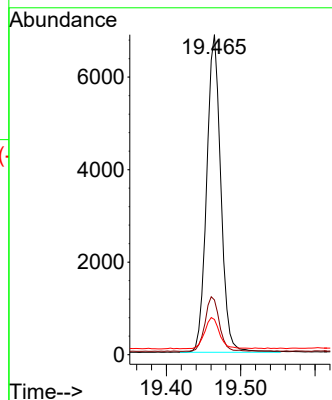
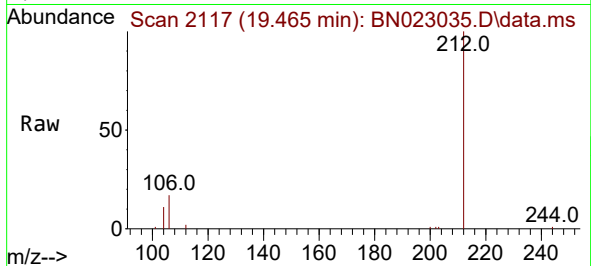




#27
Fluoranthene-d10
Concen: 0.296 ng
RT: 19.465 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

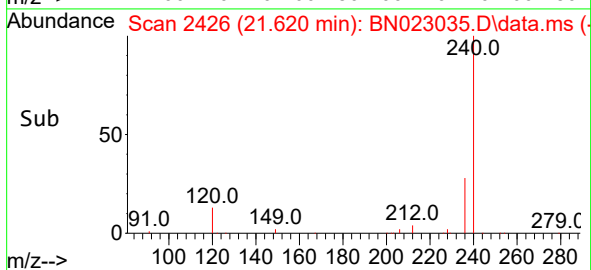
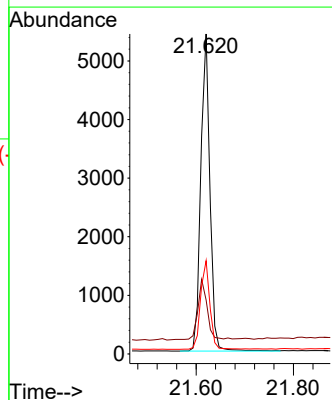
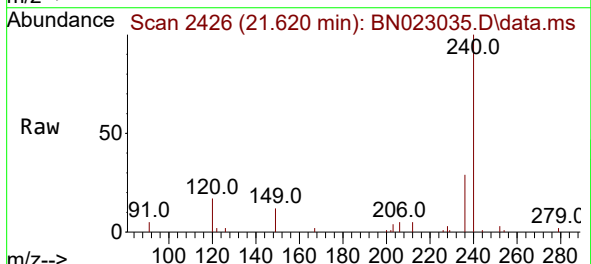
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121

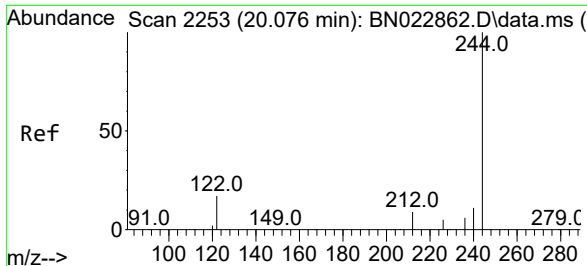
Tgt Ion:212 Resp: 9062
Ion Ratio Lower Upper
212 100
106 17.3 12.3 18.5
104 10.2 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 2426
Delta R.T. 0.004 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

Tgt Ion:240 Resp: 7008
Ion Ratio Lower Upper
240 100
120 16.9 9.2 13.8#
236 29.1 22.6 34.0

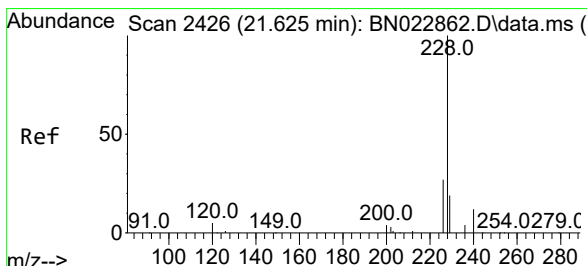
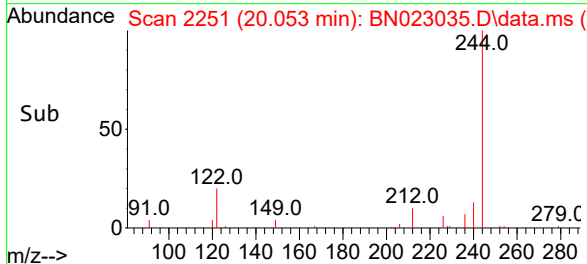
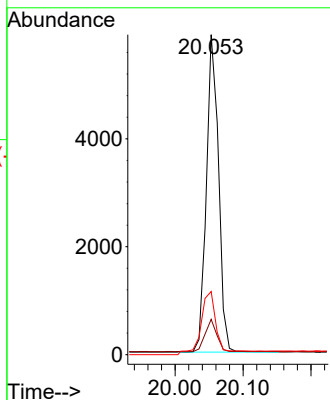
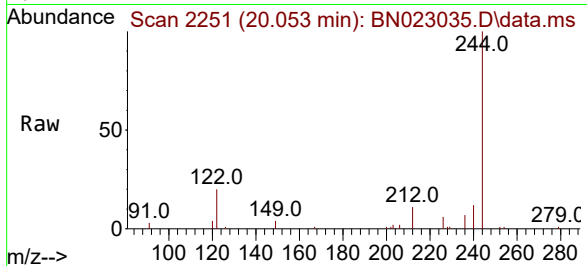




#31
 Terphenyl-d14
 Concen: 0.431 ng
 RT: 20.053 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN023035.D
 Acq: 02 Dec 2022 03:07

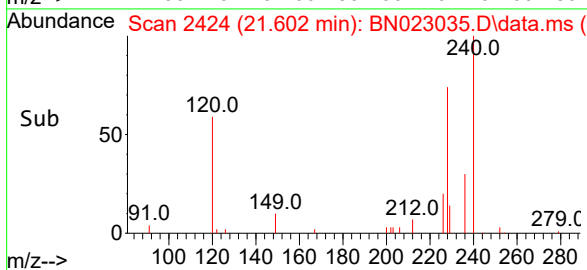
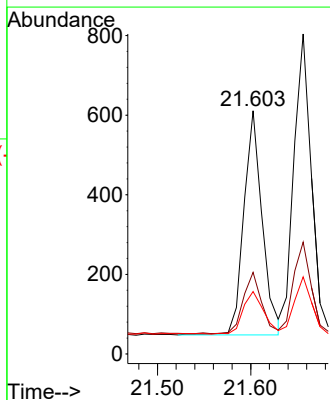
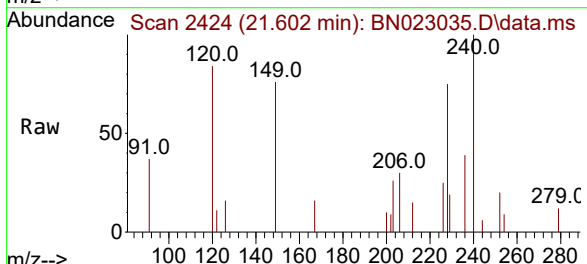
Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20221121

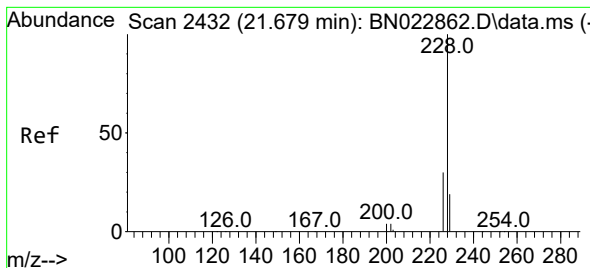
Tgt Ion:244 Resp: 7090
 Ion Ratio Lower Upper
 244 100
 212 11.1 7.9 11.9
 122 19.7 13.9 20.9



#32
 Benzo(a)anthracene
 Concen: 0.027 ng
 RT: 21.602 min Scan# 2424
 Delta R.T. -0.005 min
 Lab File: BN023035.D
 Acq: 02 Dec 2022 03:07

Tgt Ion:228 Resp: 772
 Ion Ratio Lower Upper
 228 100
 226 33.6 22.1 33.1#
 229 25.7 15.8 23.6#





#33

Chrysene

Concen: 0.033 ng

RT: 21.656 min Scan# 2415

Delta R.T. -0.005 min

Lab File: BN023035.D

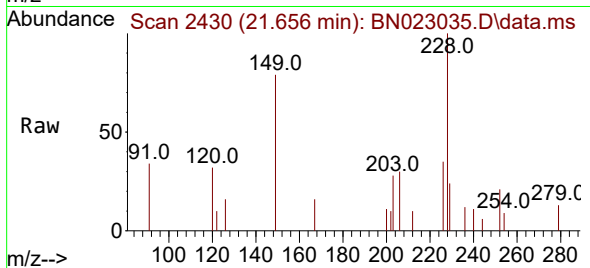
Acq: 02 Dec 2022 03:07

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20221121



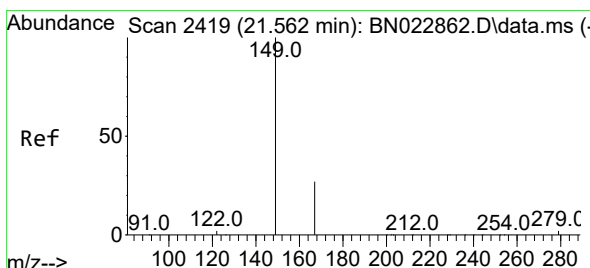
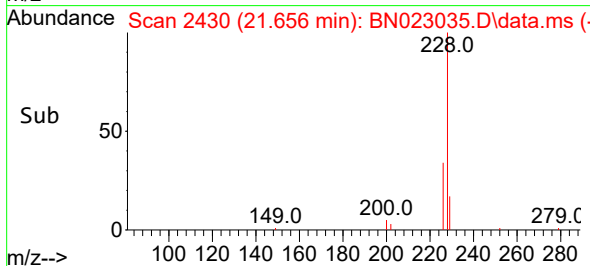
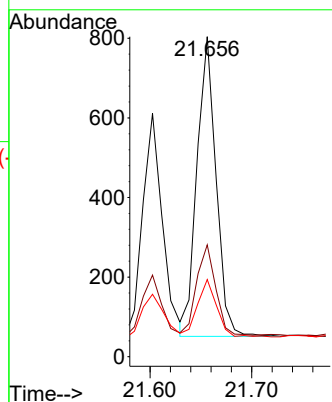
Tgt Ion:228 Resp: 983

Ion Ratio Lower Upper

228 100

226 35.0 24.5 36.7

229 24.1 15.8 23.6#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.624 ng

RT: 21.522 min Scan# 2415

Delta R.T. -0.005 min

Lab File: BN023035.D

Acq: 02 Dec 2022 03:07

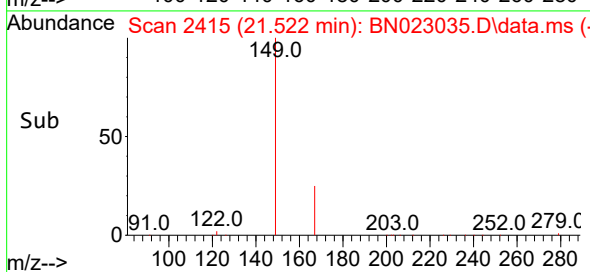
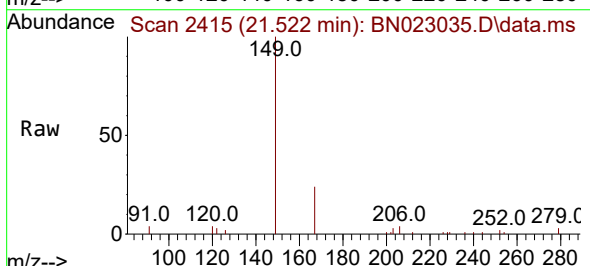
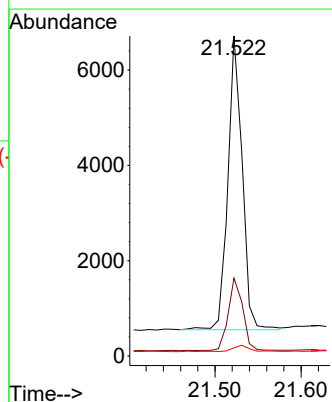
Tgt Ion:149 Resp: 7092

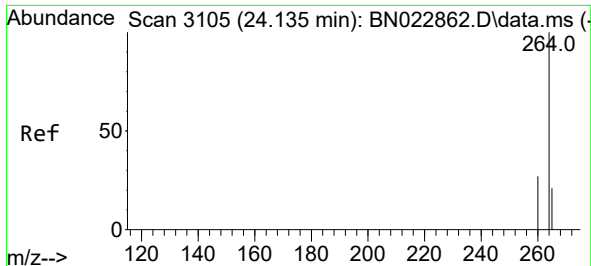
Ion Ratio Lower Upper

149 100

167 25.3 21.3 31.9

279 2.3 2.3 3.5#

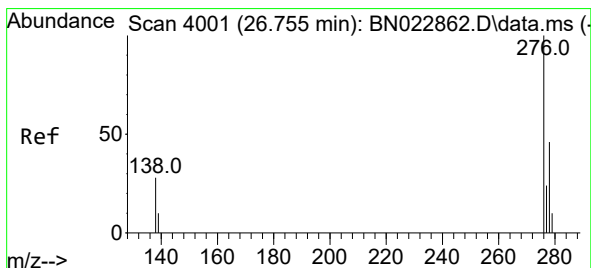
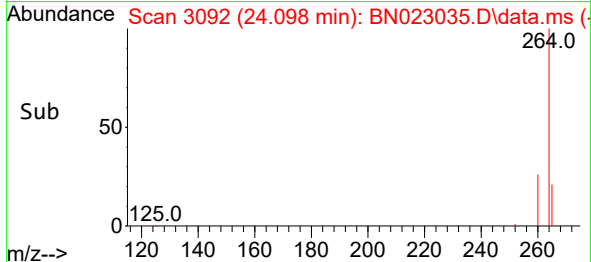
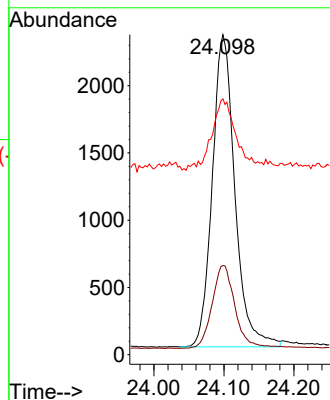
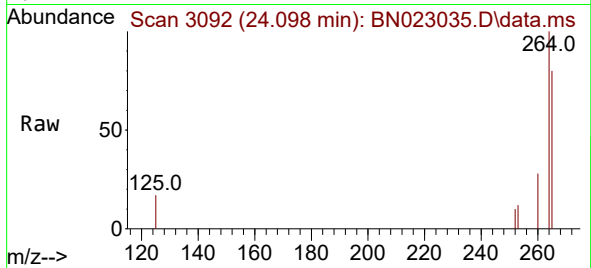




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.098 min Scan# 3092
 Delta R.T. -0.005 min
 Lab File: BN023035.D
 Acq: 02 Dec 2022 03:07

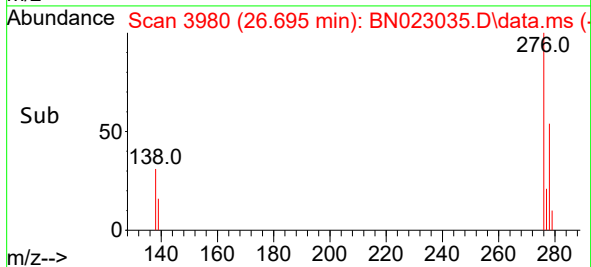
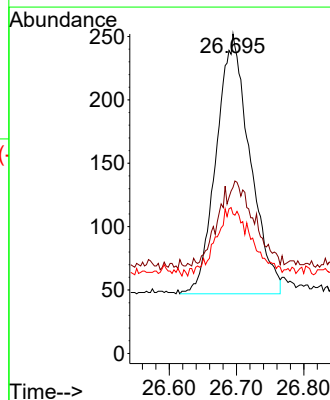
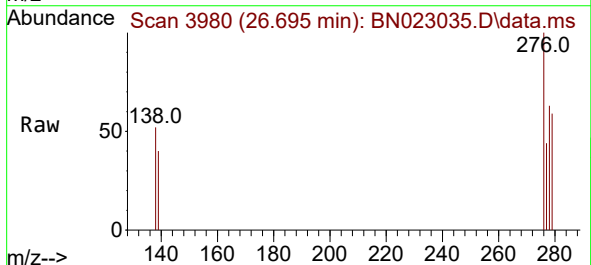
Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20221121

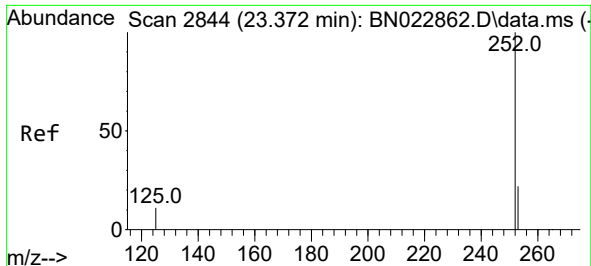
Tgt Ion:264 Resp: 5201
 Ion Ratio Lower Upper
 264 100
 260 27.9 21.7 32.5
 265 79.9 31.0 46.4#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.033 ng
 RT: 26.695 min Scan# 3980
 Delta R.T. -0.002 min
 Lab File: BN023035.D
 Acq: 02 Dec 2022 03:07

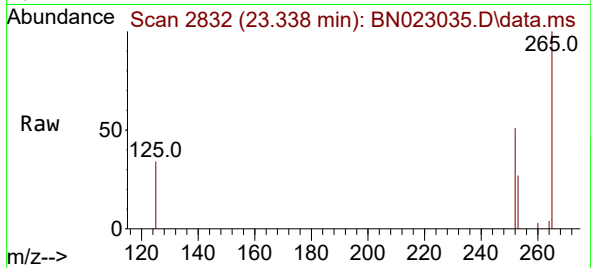
Tgt Ion:276 Resp: 711
 Ion Ratio Lower Upper
 276 100
 138 9.8 24.4 36.6#
 277 24.6 19.9 29.9



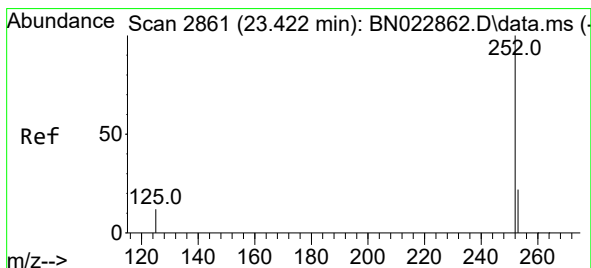
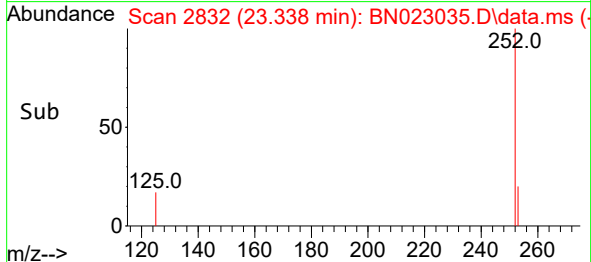
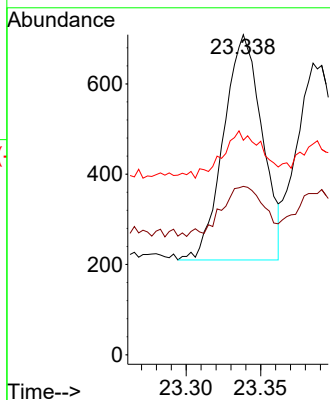


#37
Benzo(b)fluoranthene
Concen: 0.039 ng
RT: 23.338 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121

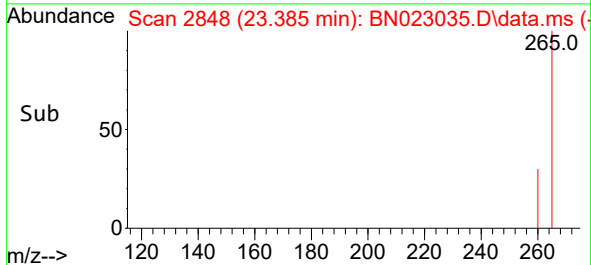
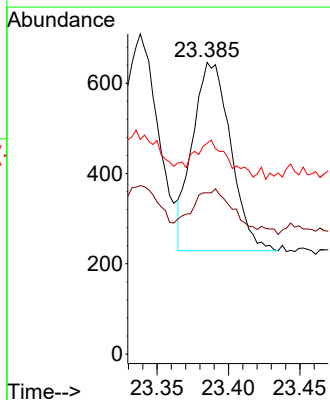
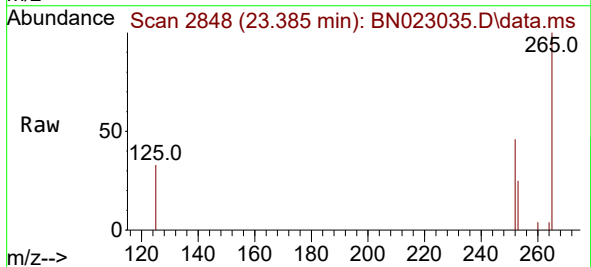


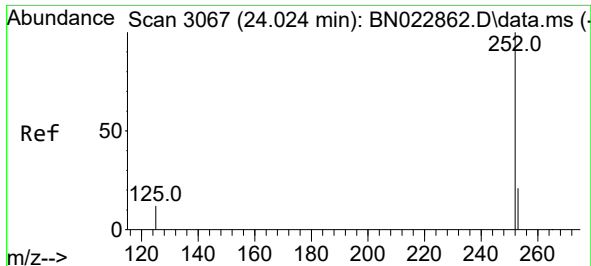
Tgt Ion:252 Resp: 898
Ion Ratio Lower Upper
252 100
253 52.6 18.5 27.7#
125 67.0 10.8 16.2#



#38
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 23.385 min Scan# 2848
Delta R.T. -0.005 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

Tgt Ion:252 Resp: 774
Ion Ratio Lower Upper
252 100
253 55.3 18.6 27.8#
125 72.3 11.0 16.4#

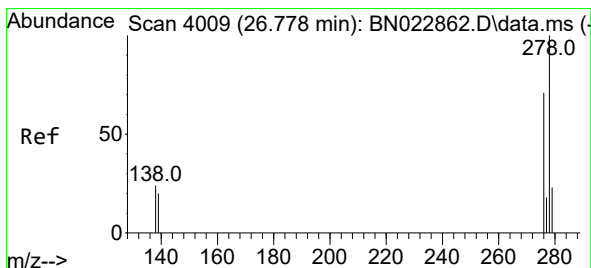
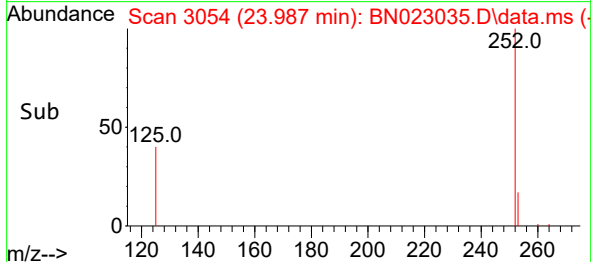
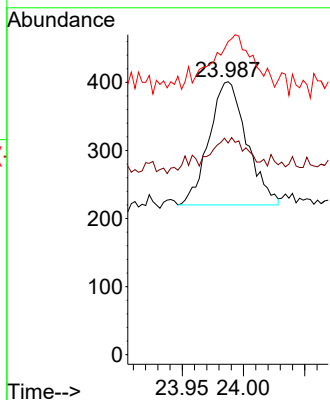
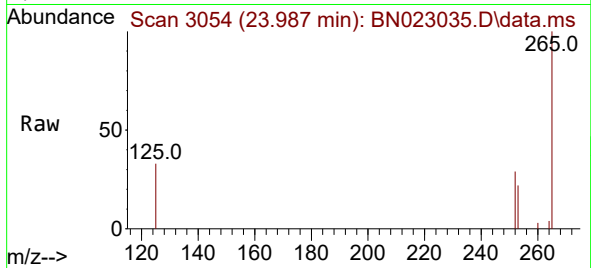




#39
Benzo(a)pyrene
Concen: 0.022 ng
RT: 23.987 min Scan# 3067
Delta R.T. -0.005 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

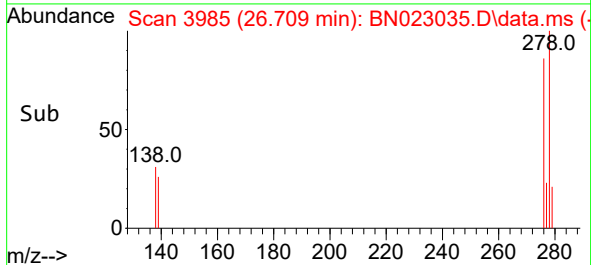
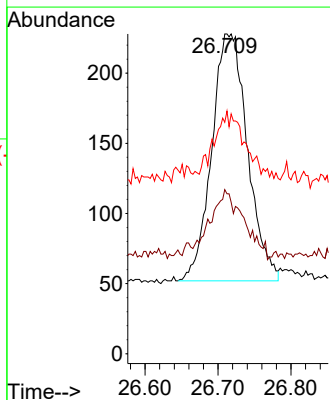
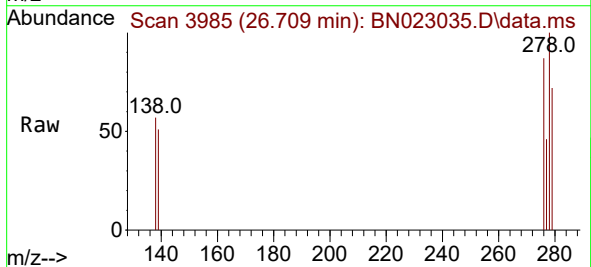
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121

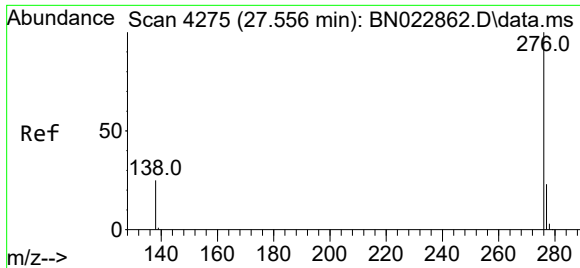
Tgt Ion:252 Resp: 387
Ion Ratio Lower Upper
252 100
253 77.6 19.2 28.8#
125 114.7 12.7 19.1#



#40
Dibenzo(a,h)anthracene
Concen: 0.035 ng
RT: 26.709 min Scan# 3985
Delta R.T. -0.008 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

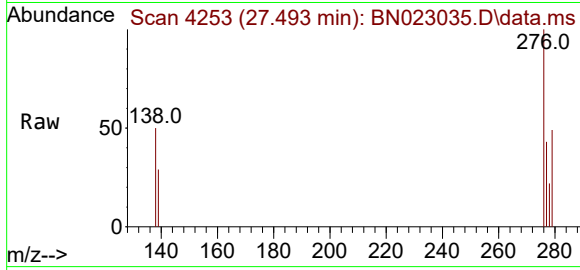
Tgt Ion:278 Resp: 599
Ion Ratio Lower Upper
278 100
139 51.3 17.4 26.0#
279 72.4 20.0 30.0#





#41
Benzo(g,h,i)perylene
Concen: 0.038 ng
RT: 27.493 min Scan# 41
Delta R.T. -0.002 min
Lab File: BN023035.D
Acq: 02 Dec 2022 03:07

Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20221121



Tgt Ion:276 Resp: 697
Ion Ratio Lower Upper
276 100
277 42.7 19.7 29.5#
138 50.2 21.4 32.2#

