

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026738.D
 Acq On : 25 Jul 2023 07:17
 Operator : MA/JU
 Sample : 03606-02
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-293-308-071223

Quant Time: Jul 25 07:51:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 23:51:48 2023
 Response via : Initial Calibration

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

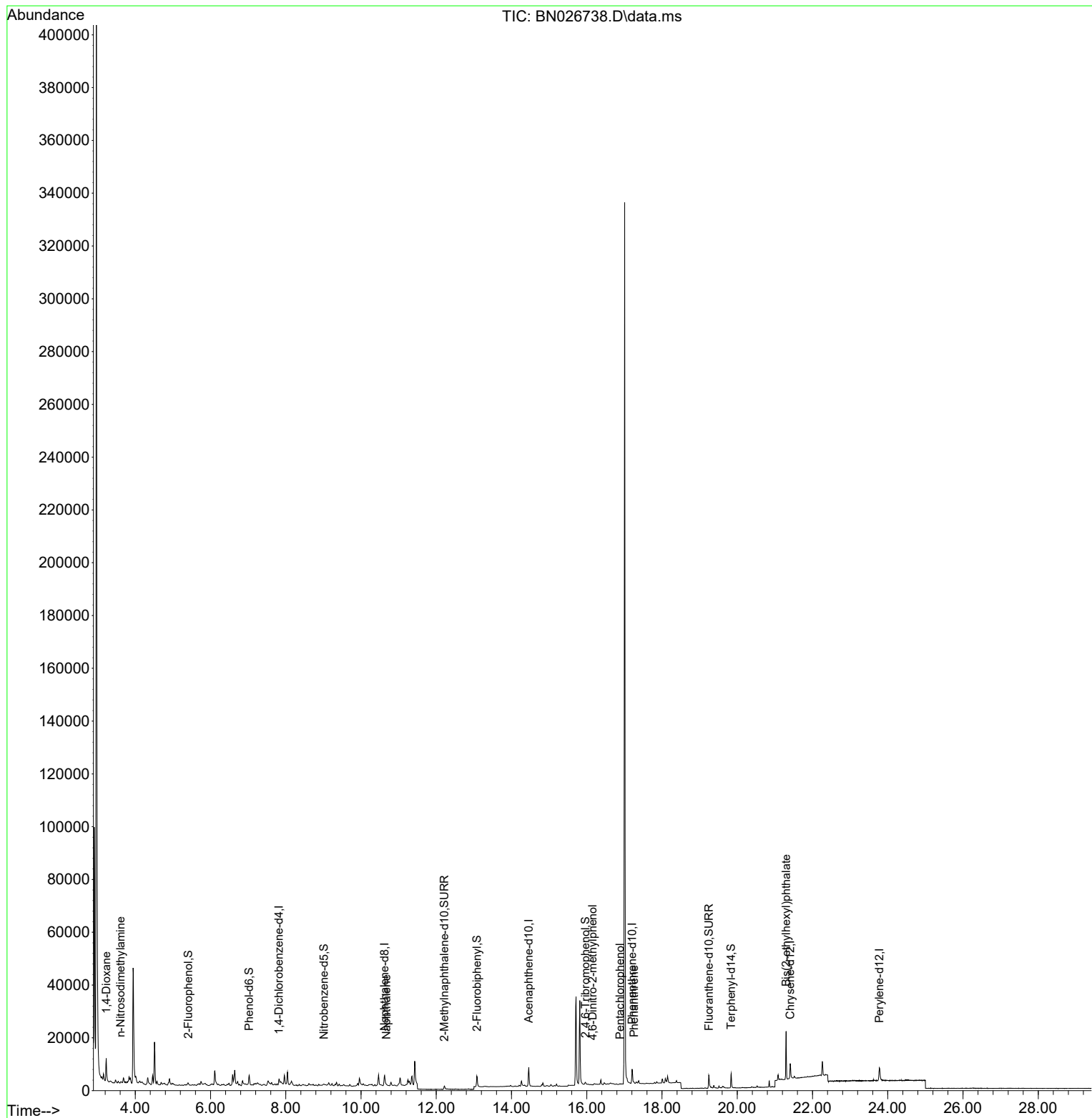
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	1711	0.400	ng	-0.01
7) Naphthalene-d8	10.628	136	6036	0.400	ng	0.00
13) Acenaphthene-d10	14.458	164	4287	0.400	ng	0.00
19) Phenanthrene-d10	17.206	188	8790	0.400	ng	#-0.01
29) Chrysene-d12	21.407	240	6955	0.400	ng	# 0.00
35) Perylene-d12	23.779	264	7946	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.408	112	465	0.112	ng	0.00
5) Phenol-d6	7.026	99	355	0.067	ng	-0.01
8) Nitrobenzene-d5	9.016	82	894	0.173	ng	-0.02
11) 2-Methylnaphthalene-d10	12.218	152	2430	0.275	ng	-0.01
14) 2,4,6-Tribromophenol	15.965	330	602	0.386	ng	-0.01
15) 2-Fluorobiphenyl	13.079	172	4149	0.251	ng	-0.02
27) Fluoranthene-d10	19.244	212	6902	0.371	ng	0.00
31) Terphenyl-d14	19.838	244	6201	0.348	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.227	88	5618	3.104	ng	# 88
3) n-Nitrosodimethylamine	3.609	42	205	0.112	ng	# 1
9) Naphthalene	10.671	128	384	0.023	ng	# 29
20) 4,6-Dinitro-2-methylph...	16.151	198	17	0.071	ng	# 1
24) Pentachlorophenol	16.884	266	91	0.038	ng	93
25) Phenanthrene	17.256	178	523	0.020	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.300	149	15679	0.702	ng	# 97

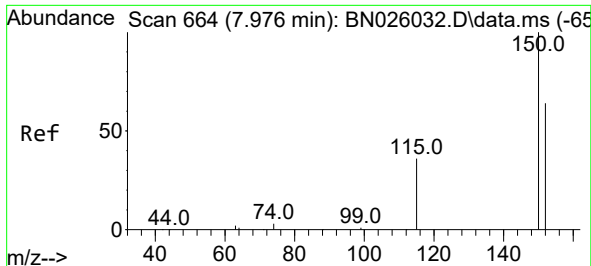
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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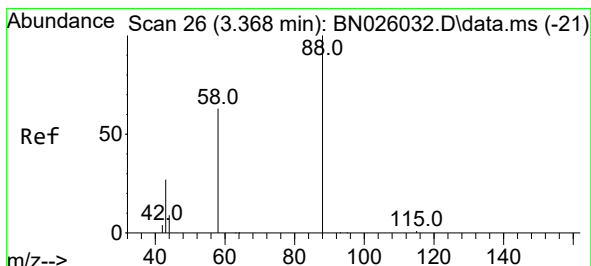
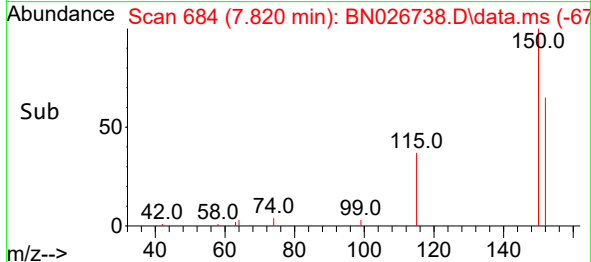
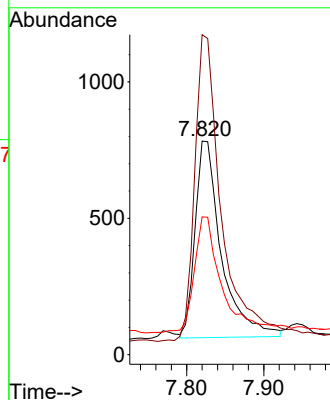
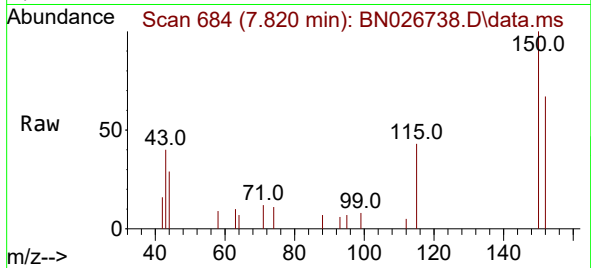




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.820 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN026738.D
 Acq: 25 Jul 2023 07:17

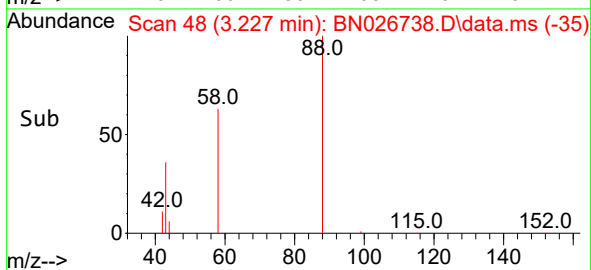
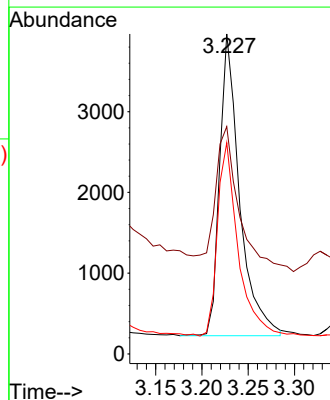
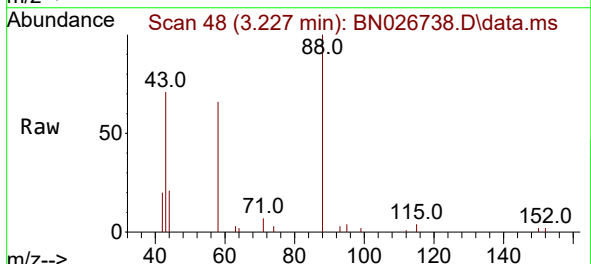
Instrument :
 BNA_N
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 GWBR-04-293-308-071223

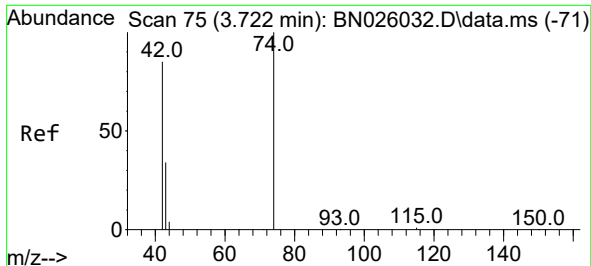
Tgt Ion:152 Resp: 1711
 Ion Ratio Lower Upper
 152 100
 150 149.8 124.7 187.1
 115 64.5 48.2 72.4



#2
 1,4-Dioxane
 Concen: 3.104 ng
 RT: 3.227 min Scan# 48
 Delta R.T. -0.008 min
 Lab File: BN026738.D
 Acq: 25 Jul 2023 07:17

Tgt Ion: 88 Resp: 5618
 Ion Ratio Lower Upper
 88 100
 43 49.6 24.2 36.4#
 58 65.7 53.3 79.9

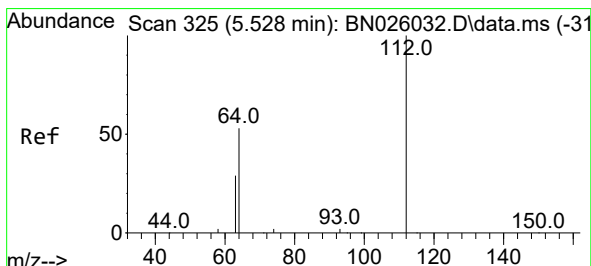
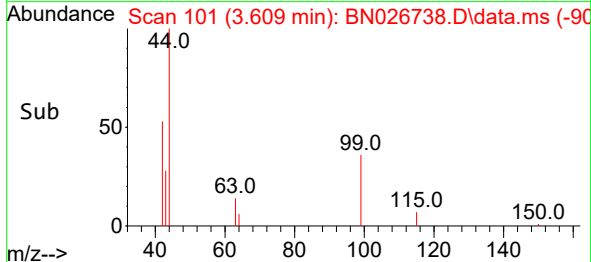
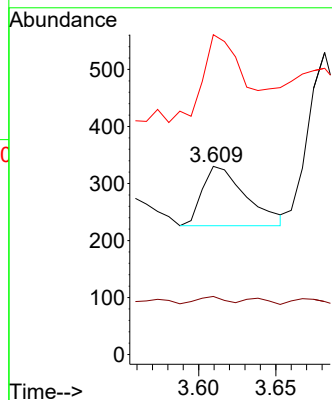
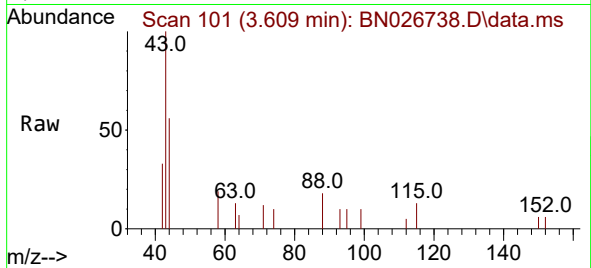




#3
 n-Nitrosodimethylamine
 Concen: 0.112 ng
 RT: 3.609 min Scan# 101
 Delta R.T. -0.022 min
 Lab File: BN026738.D
 Acq: 25 Jul 2023 07:17

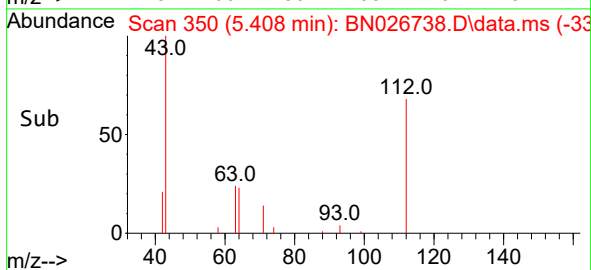
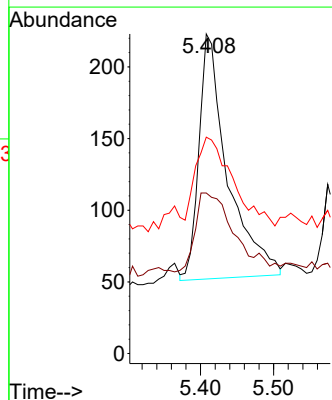
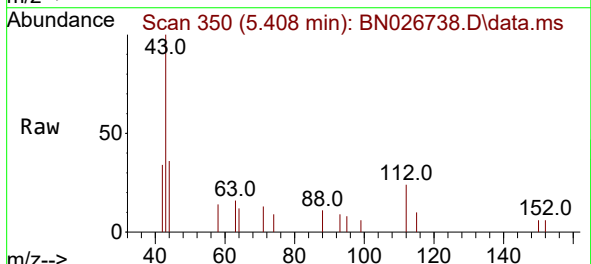
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-293-308-071223

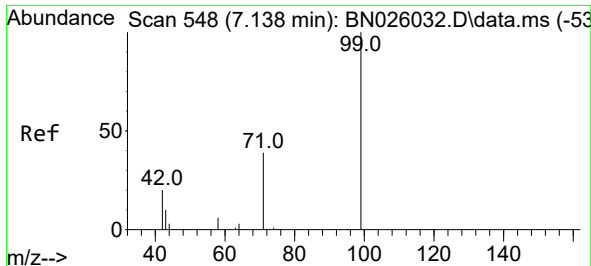
Tgt Ion: 42 Resp: 205
 Ion Ratio Lower Upper
 42 100
 74 7.3 93.8 140.8#
 44 133.7 3.0 4.4#



#4
 2-Fluorophenol
 Concen: 0.112 ng
 RT: 5.408 min Scan# 350
 Delta R.T. -0.008 min
 Lab File: BN026738.D
 Acq: 25 Jul 2023 07:17

Tgt Ion: 112 Resp: 465
 Ion Ratio Lower Upper
 112 100
 64 44.7 45.8 68.6#
 63 48.6 27.4 41.2#

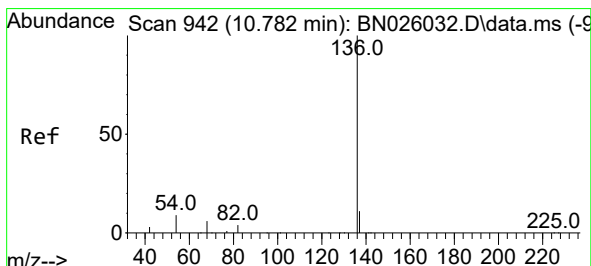
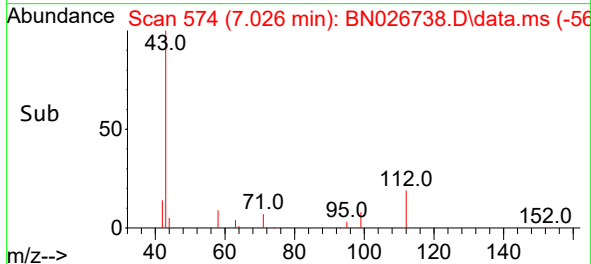
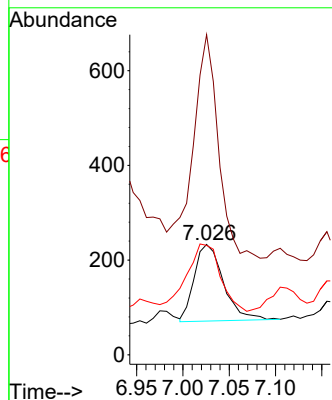
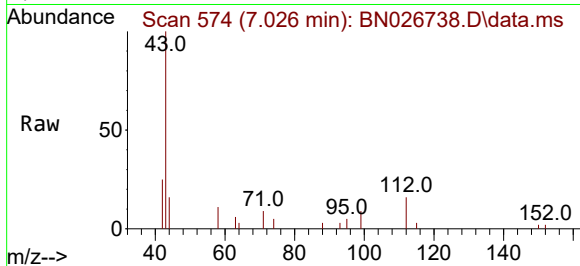




#5
Phenol-d6
Concen: 0.067 ng
RT: 7.026 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN026738.D
Acq: 25 Jul 2023 07:17

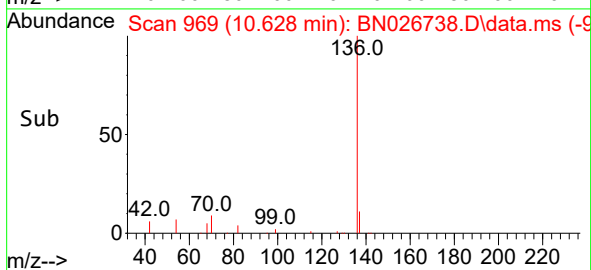
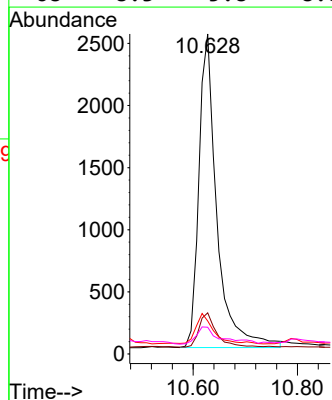
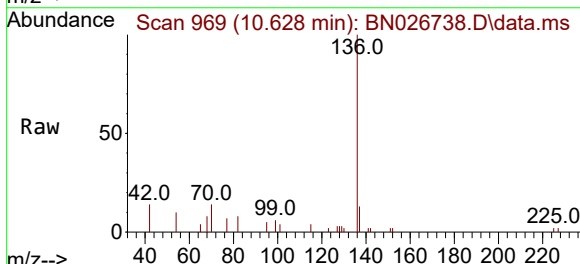
Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223

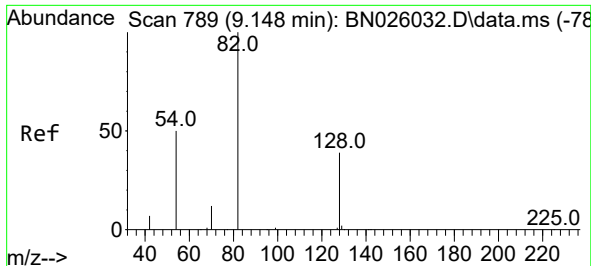
Tgt Ion: 99 Resp: 355
Ion Ratio Lower Upper
99 100
42 256.3 18.4 27.6#
71 102.3 30.6 46.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.628 min Scan# 969
Delta R.T. -0.000 min
Lab File: BN026738.D
Acq: 25 Jul 2023 07:17

Tgt Ion: 136 Resp: 6036
Ion Ratio Lower Upper
136 100
137 12.8 9.0 13.4
54 10.3 7.8 11.6
68 8.3 5.8 8.8

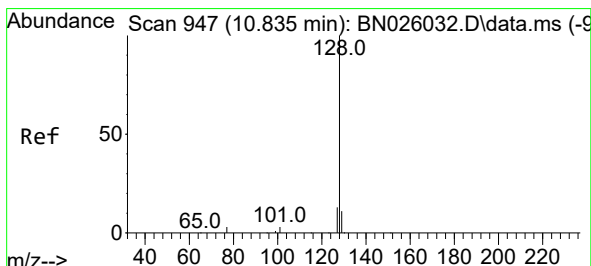
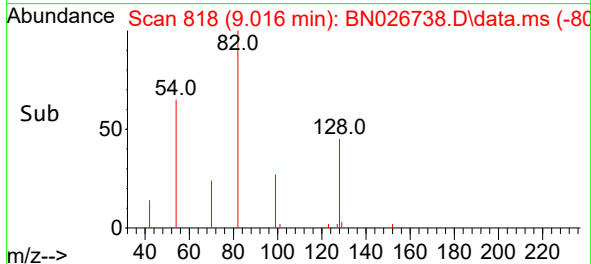
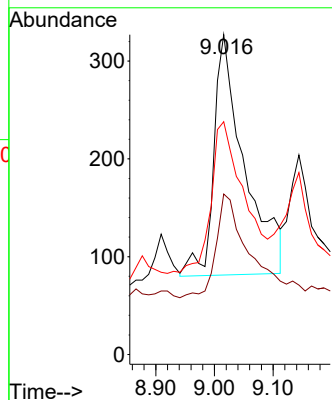
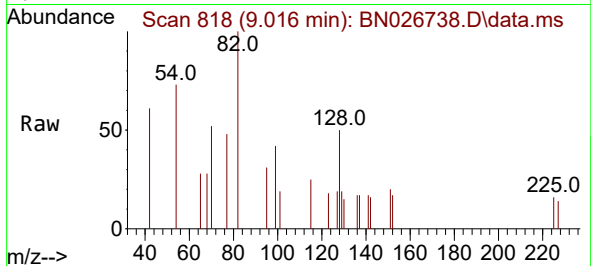




#8
Nitrobenzene-d5
Concen: 0.173 ng
RT: 9.016 min Scan# 81
Delta R.T. -0.022 min
Lab File: BN026738.D
Acq: 25 Jul 2023 07:17

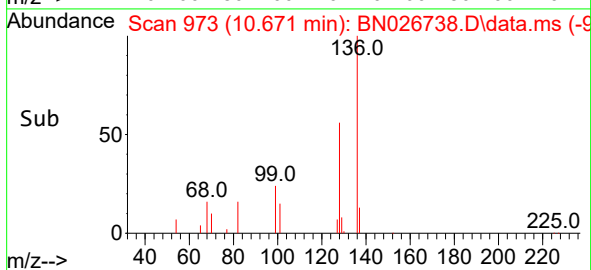
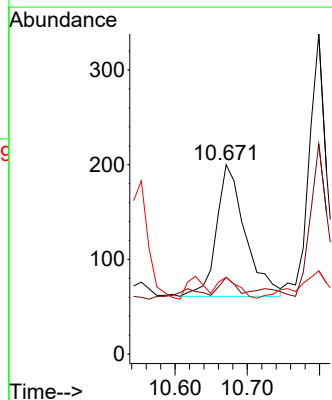
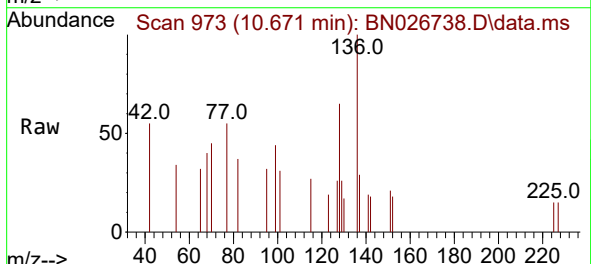
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GWBR-04-293-308-071223

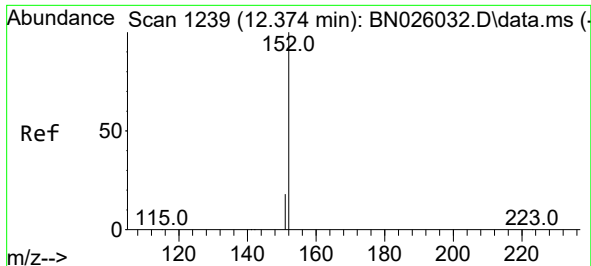
Tgt Ion: 82 Resp: 894
Ion Ratio Lower Upper
82 100
128 50.2 33.4 50.2
54 72.8 41.7 62.5#



#9
Naphthalene
Concen: 0.023 ng
RT: 10.671 min Scan# 973
Delta R.T. -0.011 min
Lab File: BN026738.D
Acq: 25 Jul 2023 07:17

Tgt Ion: 128 Resp: 384
Ion Ratio Lower Upper
128 100
129 40.5 9.1 13.7#
127 40.5 10.9 16.3#

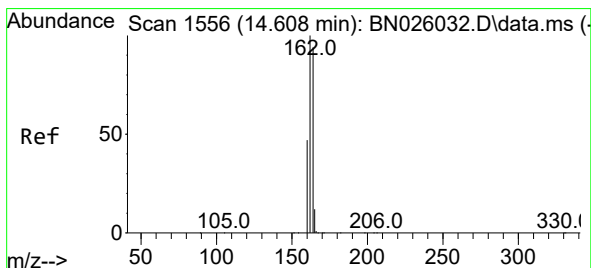
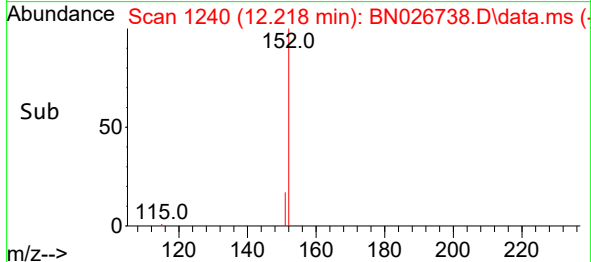
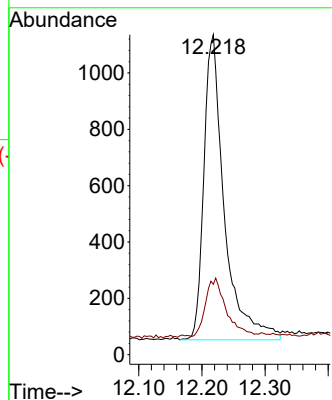
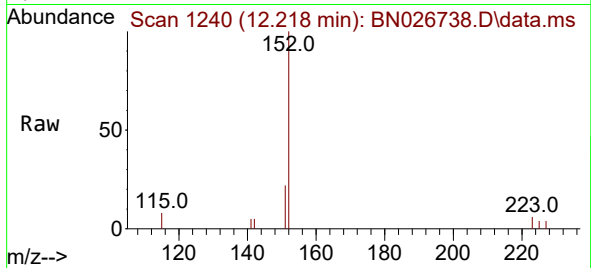




#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.218 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN026738.D
Acq: 25 Jul 2023 07:17

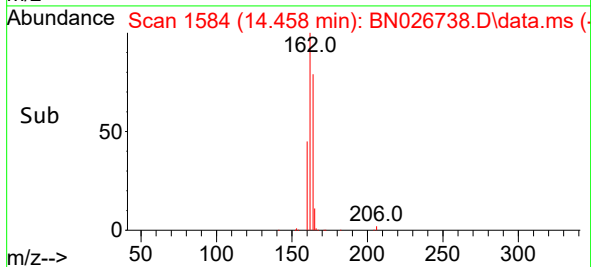
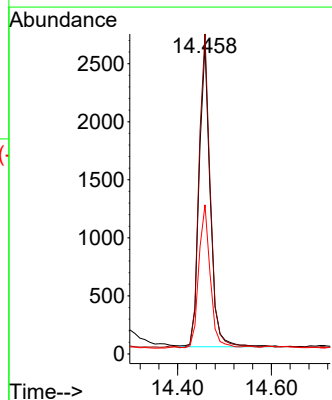
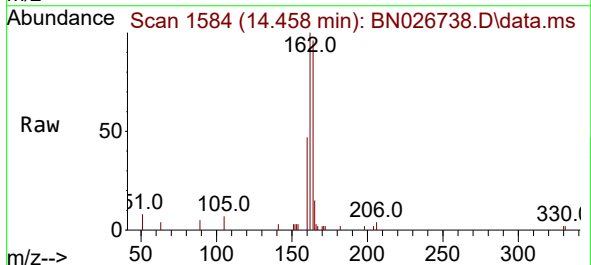
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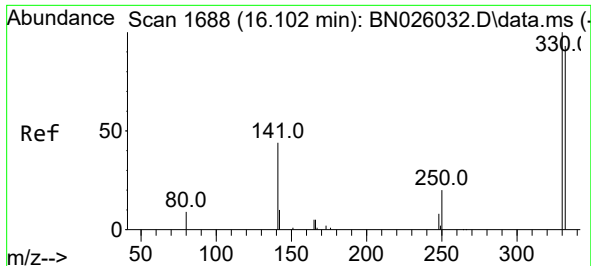
Tgt Ion:152 Resp: 2430
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.458 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BN026738.D
Acq: 25 Jul 2023 07:17

Tgt Ion:164 Resp: 4287
Ion Ratio Lower Upper
164 100
162 103.7 85.3 127.9
160 48.3 40.0 60.0

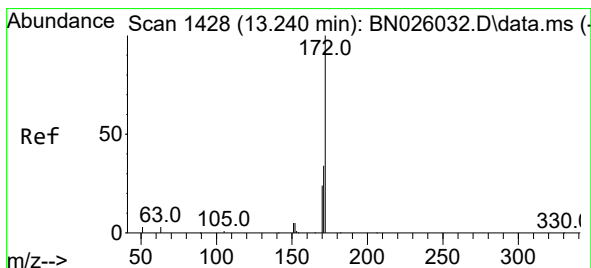
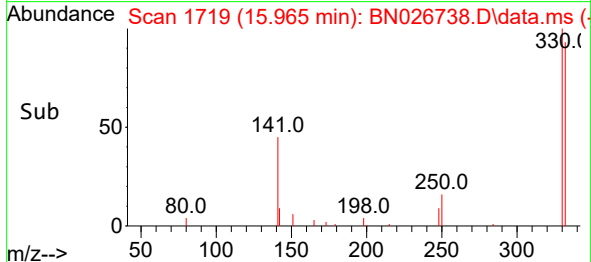
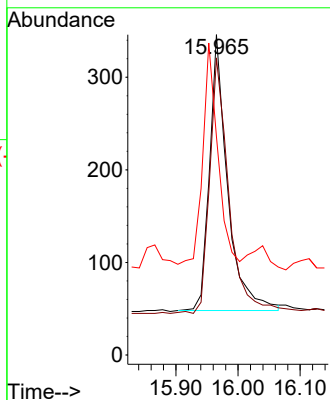
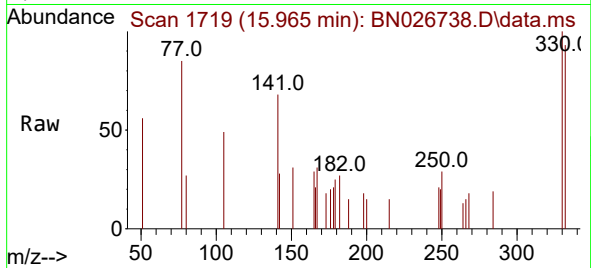




#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.965 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN026738.D
Acq: 25 Jul 2023 07:17

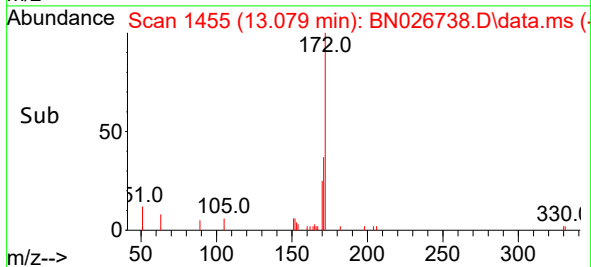
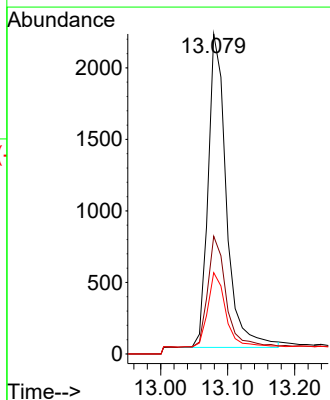
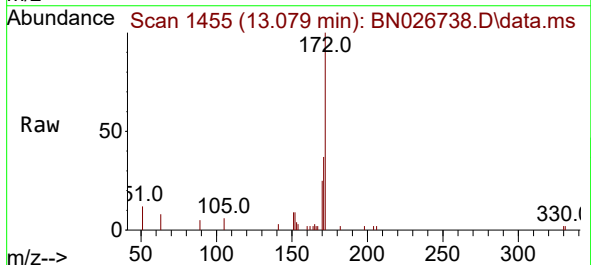
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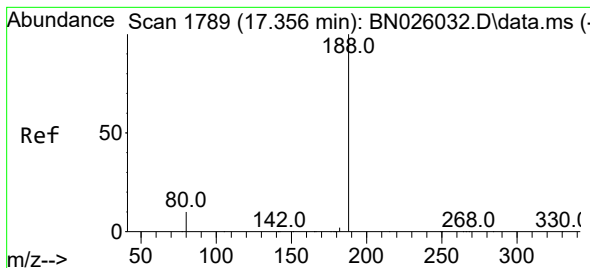
Tgt Ion:330 Resp: 602
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 67.3 42.8 64.2#



#15
2-Fluorobiphenyl
Concen: 0.251 ng
RT: 13.079 min Scan# 1455
Delta R.T. -0.022 min
Lab File: BN026738.D
Acq: 25 Jul 2023 07:17

Tgt Ion:172 Resp: 4149
Ion Ratio Lower Upper
172 100
171 36.8 27.8 41.8
170 25.4 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.206 min Scan# 1734

Delta R.T. -0.013 min

Lab File: BN026738.D

Acq: 25 Jul 2023 07:17

Instrument :

BNA_N

ClientSampleId :

GWBR-04-293-308-071223

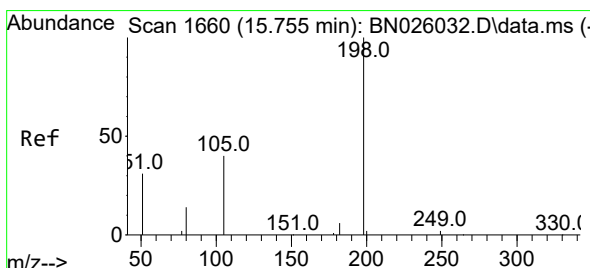
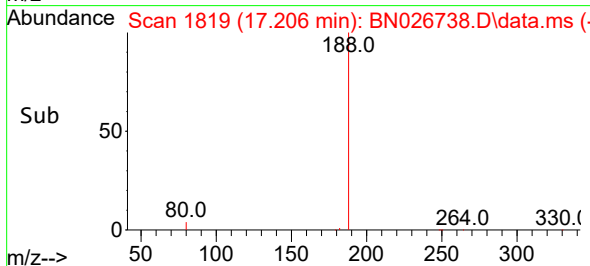
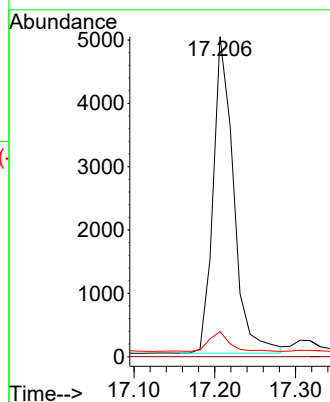
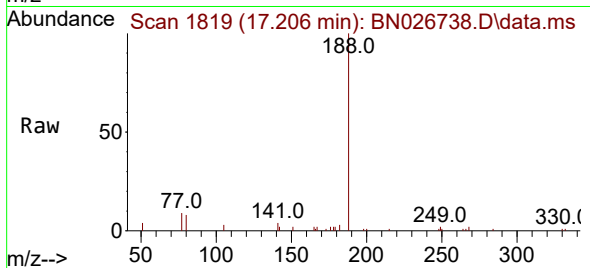
Tgt Ion:188 Resp: 8790

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 8.6 13.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.071 ng

RT: 16.151 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BN026738.D

Acq: 25 Jul 2023 07:17

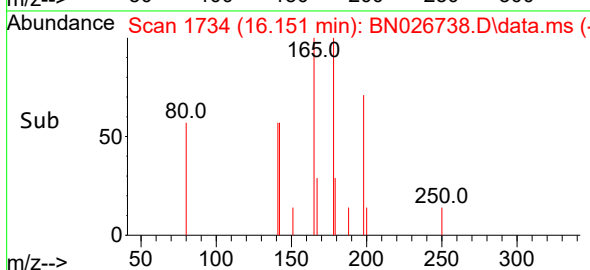
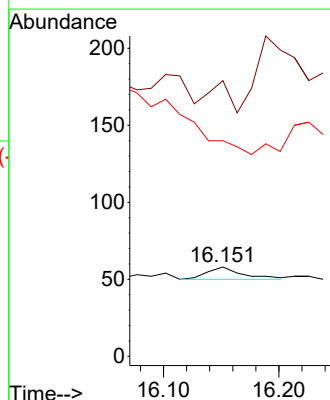
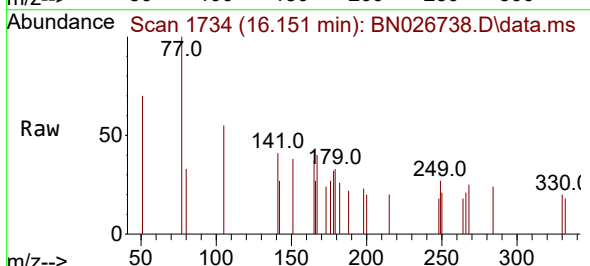
Tgt Ion:198 Resp: 17

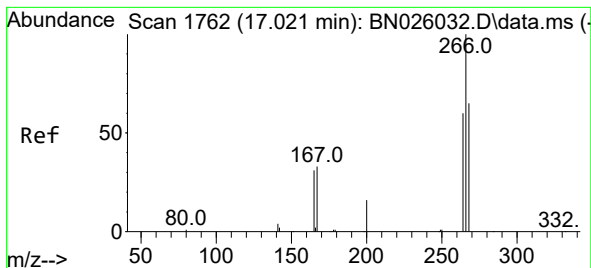
Ion Ratio Lower Upper

198 100

51 308.6 85.8 128.8#

105 241.4 48.2 72.2#





#24

Pentachlorophenol

Concen: 0.038 ng

RT: 16.884 min Scan# 11

Delta R.T. -0.013 min

Lab File: BN026738.D

Acq: 25 Jul 2023 07:17

Instrument :

BNA_N

ClientSampleId :

GWBR-04-293-308-071223

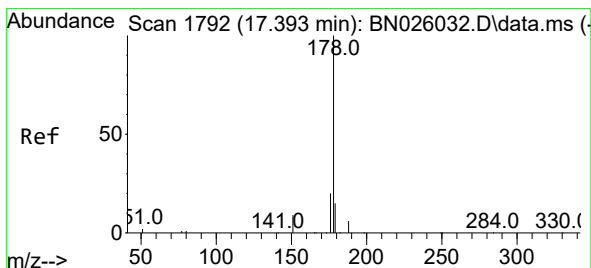
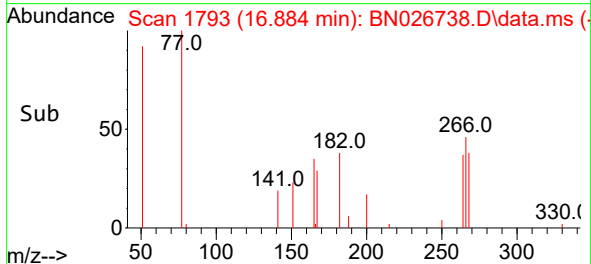
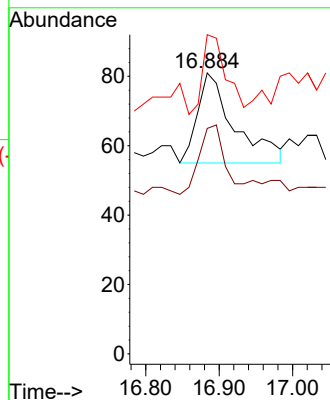
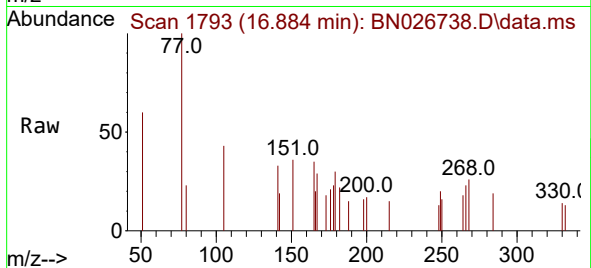
Tgt Ion:266 Resp: 91

Ion Ratio Lower Upper

266 100

264 52.7 49.3 73.9

268 59.3 48.3 72.5



#25

Phenanthrene

Concen: 0.020 ng

RT: 17.256 min Scan# 1823

Delta R.T. -0.000 min

Lab File: BN026738.D

Acq: 25 Jul 2023 07:17

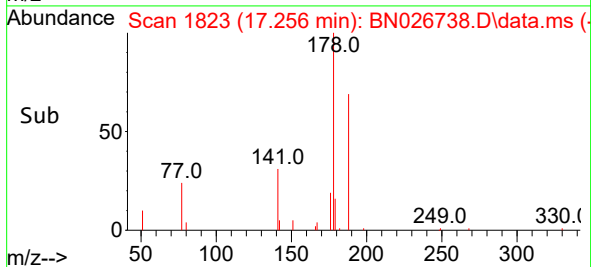
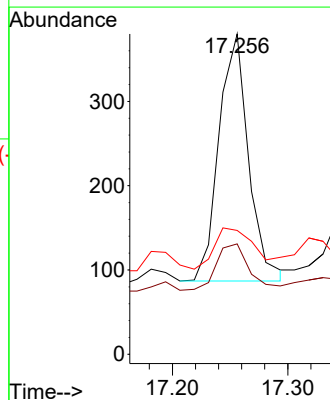
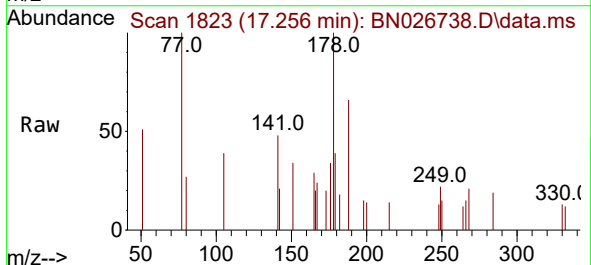
Tgt Ion:178 Resp: 523

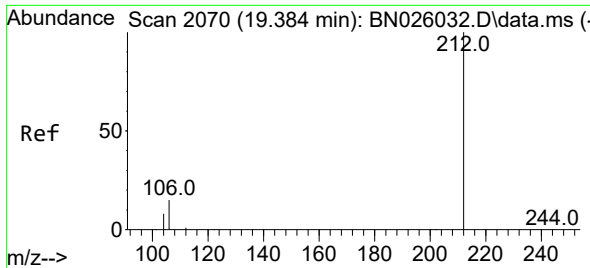
Ion Ratio Lower Upper

178 100

176 20.8 15.6 23.4

179 21.4 12.3 18.5#

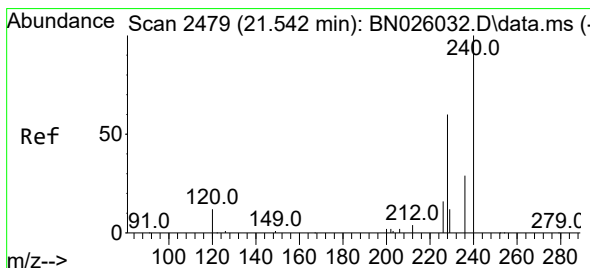
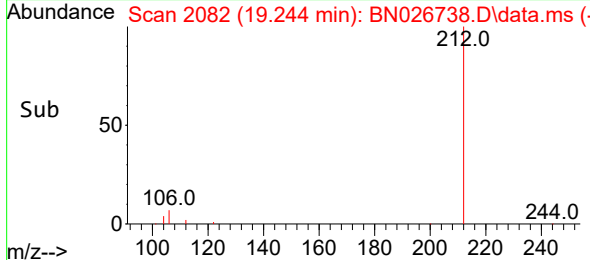
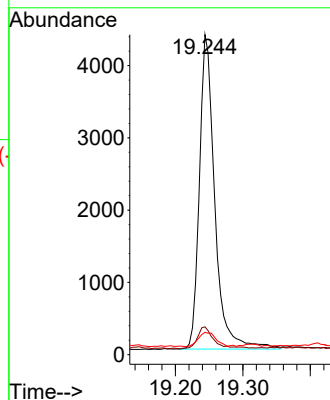
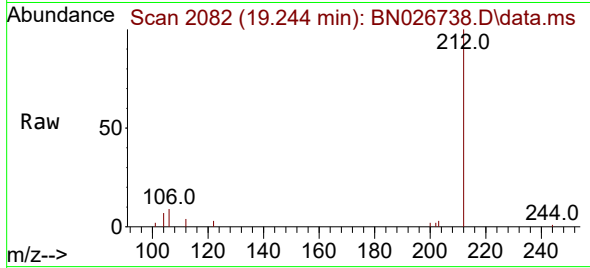




#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.244 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN026738.D
Acq: 25 Jul 2023 07:17

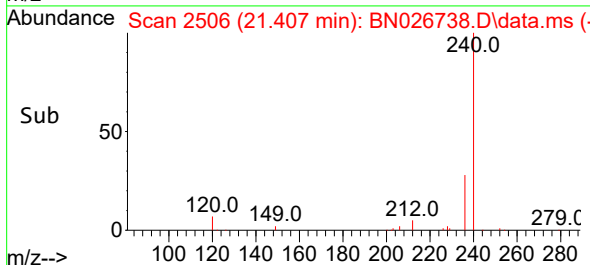
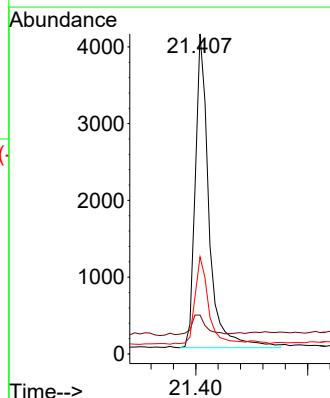
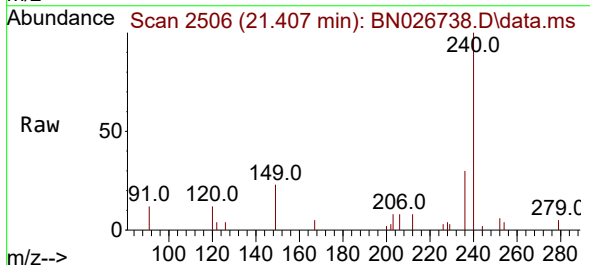
Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223

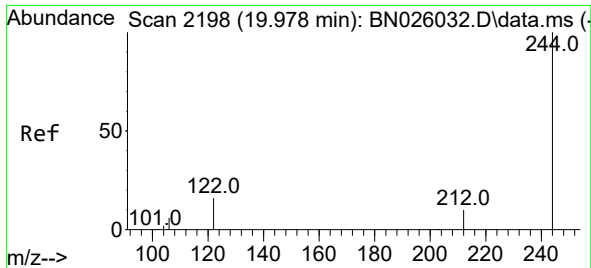
Tgt Ion:212 Resp: 6902
Ion Ratio Lower Upper
212 100
106 7.5 11.6 17.4#
104 5.1 7.2 10.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.407 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BN026738.D
Acq: 25 Jul 2023 07:17

Tgt Ion:240 Resp: 6955
Ion Ratio Lower Upper
240 100
120 12.2 14.6 22.0#
236 30.4 24.2 36.2

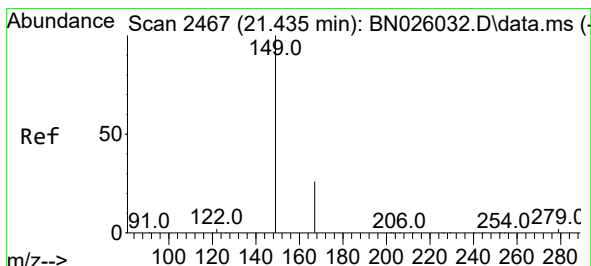
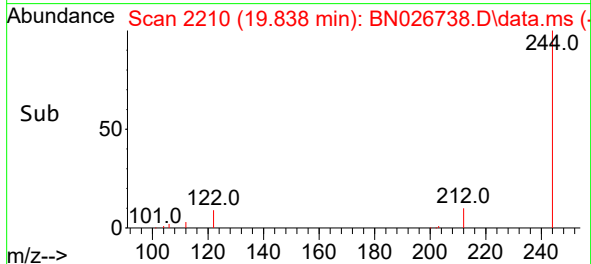
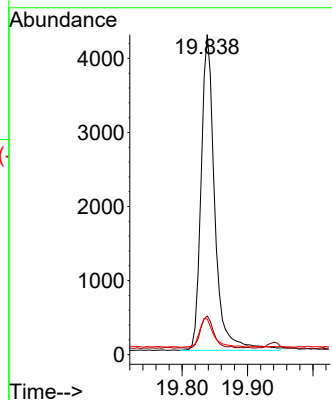
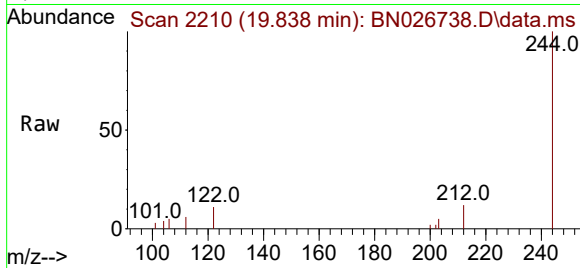




#31
 Terphenyl-d14
 Concen: 0.348 ng
 RT: 19.838 min Scan# 2198
 Delta R.T. -0.010 min
 Lab File: BN026738.D
 Acq: 25 Jul 2023 07:17

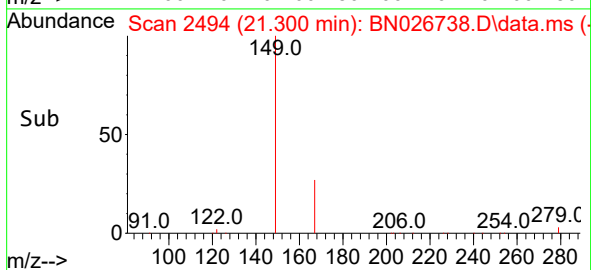
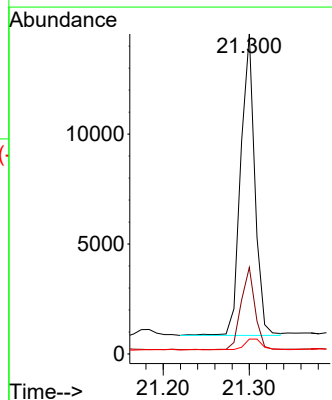
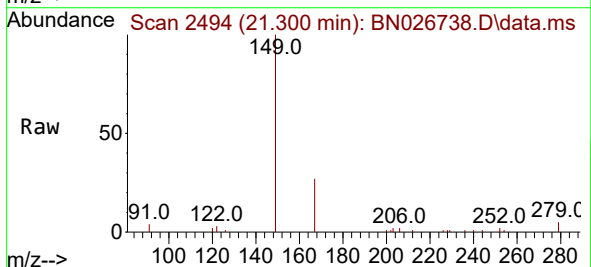
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-293-308-071223

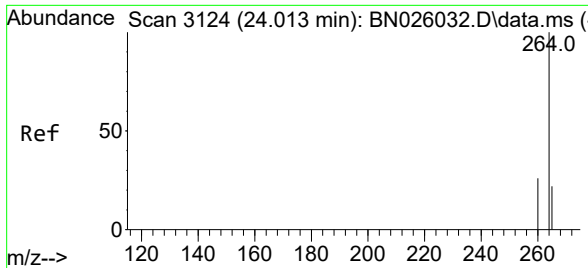
Tgt Ion:244 Resp: 6201
 Ion Ratio Lower Upper
 244 100
 212 12.1 8.7 13.1
 122 11.1 13.7 20.5#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.702 ng
 RT: 21.300 min Scan# 2494
 Delta R.T. -0.000 min
 Lab File: BN026738.D
 Acq: 25 Jul 2023 07:17

Tgt Ion:149 Resp: 15679
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.2 30.4
 279 4.4 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.779 min Scan# 30
Delta R.T. -0.003 min
Lab File: BN026738.D
Acq: 25 Jul 2023 07:17

Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223

Tgt Ion:264	Resp:	7946
Ion	Ratio	Lower Upper
264	100	
260	26.9	21.9 32.9
265	82.9	80.3 120.5

