

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
 Data File : BN025885.D
 Acq On : 16 Jun 2023 18:30
 Operator : MA/JU
 Sample : 03299-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-190-210-061523

Quant Time: Jun 17 02:35:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:10:48 2023
 Response via : Initial Calibration

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

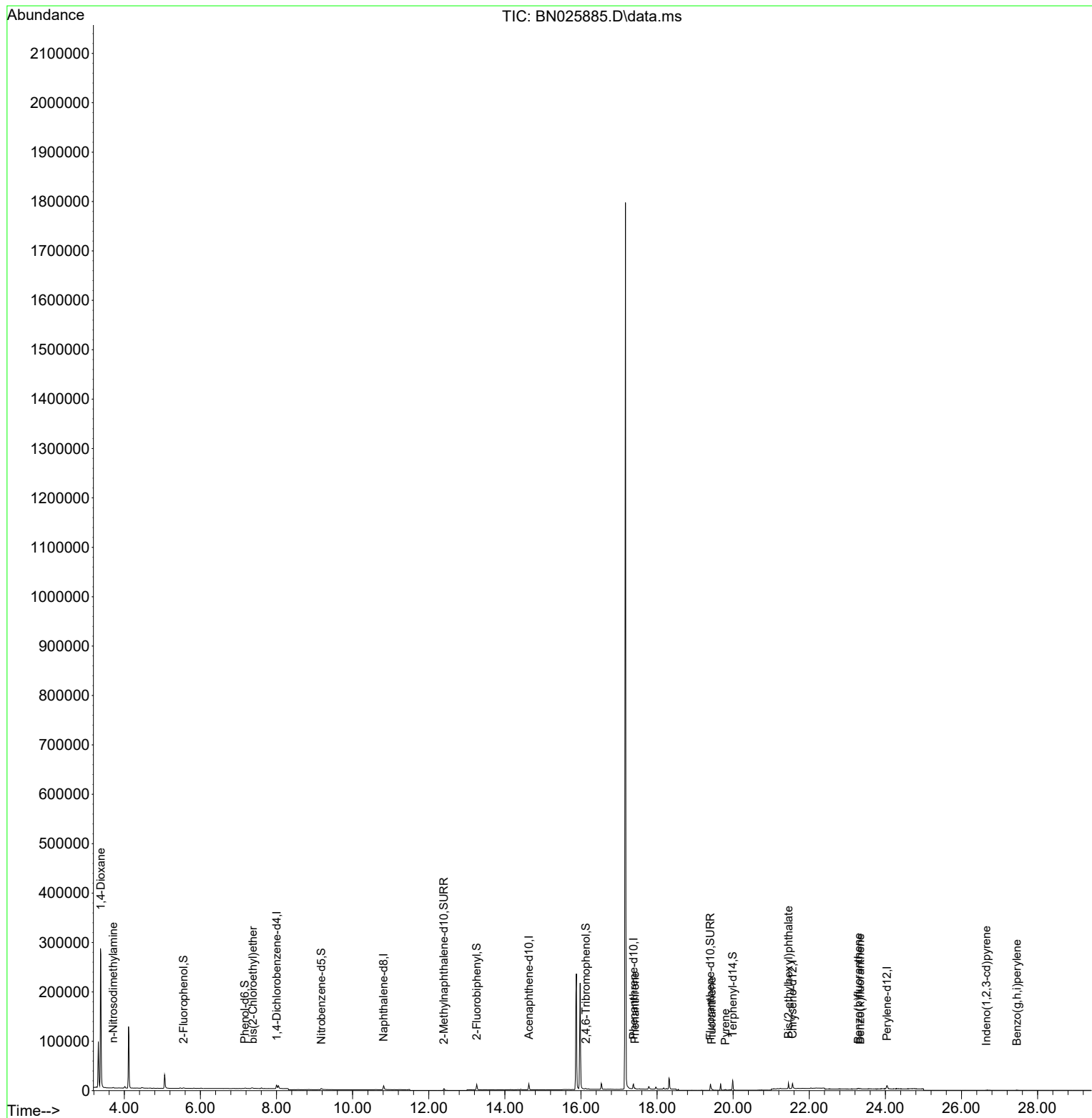
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	4630	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	12607	0.400	ng	0.00
13) Acenaphthene-d10	14.630	164	6754	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	14794	0.400	ng	# 0.00
29) Chrysene-d12	21.560	240	10706	0.400	ng	0.00
35) Perylene-d12	24.040	264	11036	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	1424	0.109	ng	0.01
5) Phenol-d6	7.167	99	1008	0.063	ng	0.01
8) Nitrobenzene-d5	9.180	82	3432	0.293	ng	0.01
11) 2-Methylnaphthalene-d10	12.400	152	6498	0.358	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	869	0.417	ng	0.00
15) 2-Fluorobiphenyl	13.261	172	10469	0.367	ng	0.00
27) Fluoranthene-d10	19.402	212	14926	0.490	ng	0.00
31) Terphenyl-d14	19.992	244	11344	0.437	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.383	88	187769	34.566	ng	# 93
3) n-Nitrosodimethylamine	3.708	42	166	0.024	ng	# 1
6) bis(2-Chloroethyl)ether	7.377	93	771	0.053	ng	# 24
25) Phenanthrene	17.418	178	1807	0.040	ng	98
28) Fluoranthene	19.435	202	2318	0.052	ng	# 73
30) Pyrene	19.797	202	1302	0.021	ng	96
34) Bis(2-ethylhexyl)phtha...	21.453	149	10077	0.409	ng	99
36) Indeno(1,2,3-cd)pyrene	26.656	276	966	0.020	ng	# 61
37) Benzo(b)fluoranthene	23.288	252	1623	0.037	ng	# 1
38) Benzo(k)fluoranthene	23.338	252	1056	0.024	ng	# 1
41) Benzo(g,h,i)perylene	27.457	276	998	0.023	ng	# 58

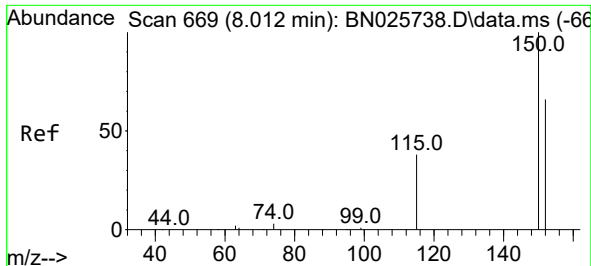
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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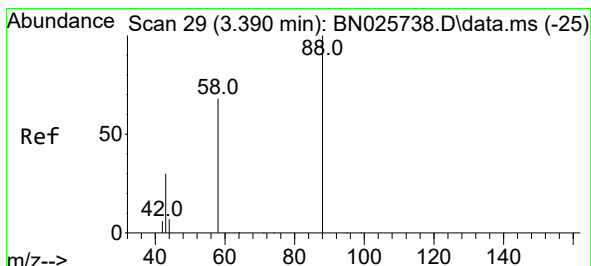
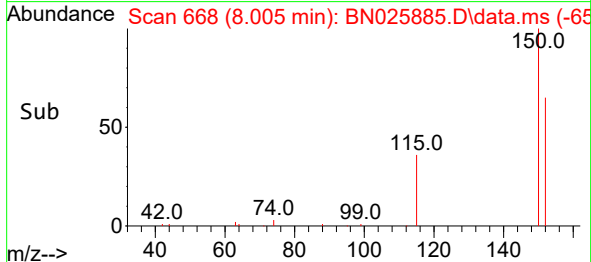
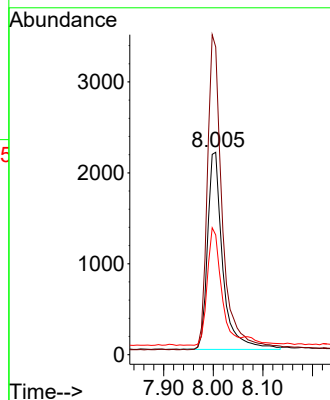
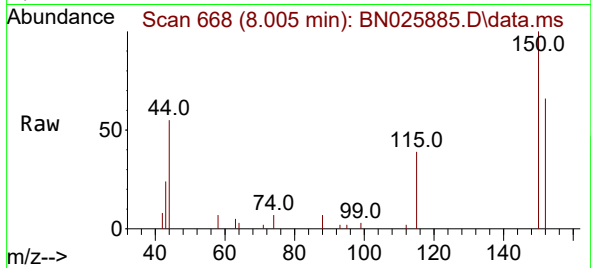




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.005 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

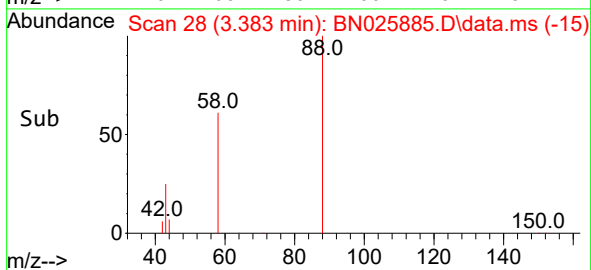
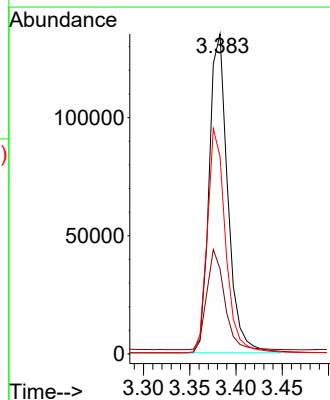
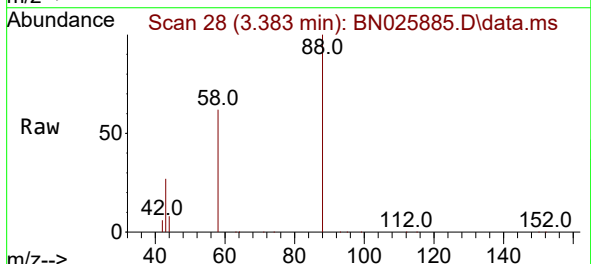
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-190-210-061523

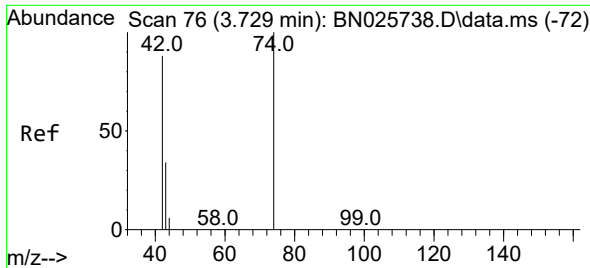
Tgt Ion:152 Resp: 4630
Ion Ratio Lower Upper
152 100
150 152.0 121.5 182.3
115 59.1 47.7 71.5



#2
1,4-Dioxane
Concen: 34.566 ng
RT: 3.383 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

Tgt Ion: 88 Resp: 187769
Ion Ratio Lower Upper
88 100
43 30.1 31.0 46.4#
58 69.0 57.3 85.9

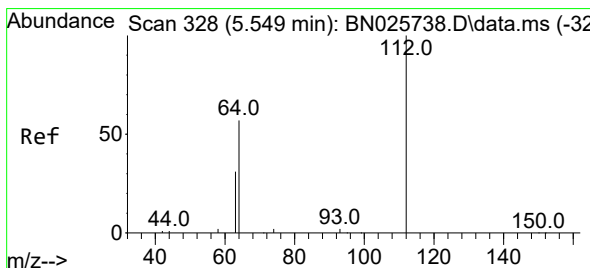
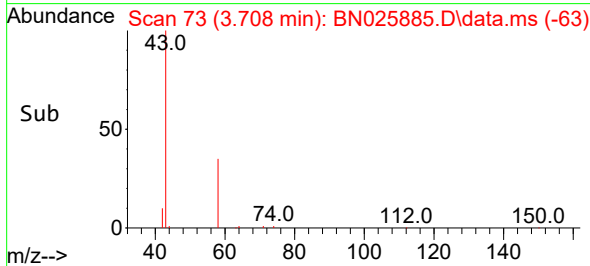
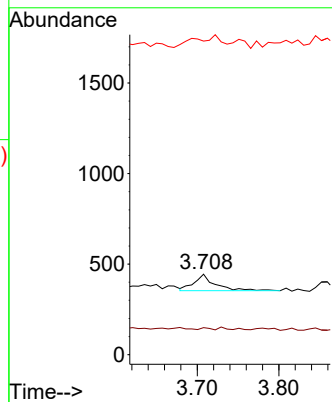
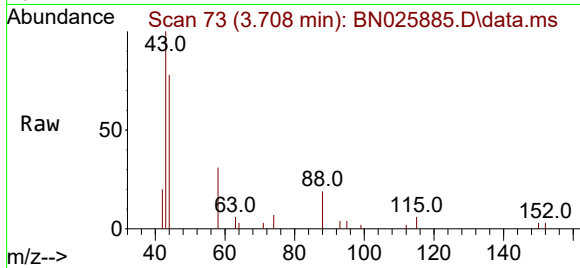




#3
 n-Nitrosodimethylamine
 Concen: 0.024 ng
 RT: 3.708 min Scan# 71
 Delta R.T. -0.029 min
 Lab File: BN025885.D
 Acq: 16 Jun 2023 18:30

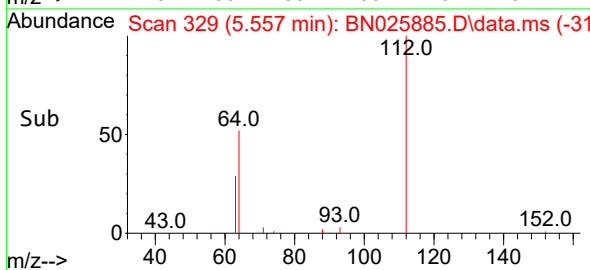
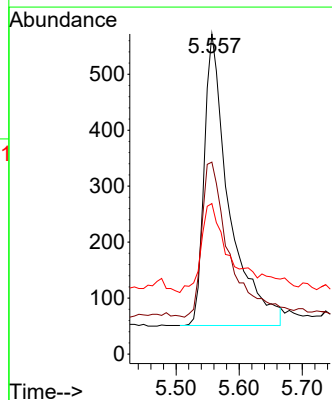
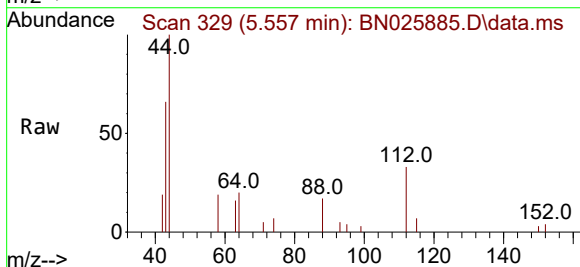
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-190-210-061523

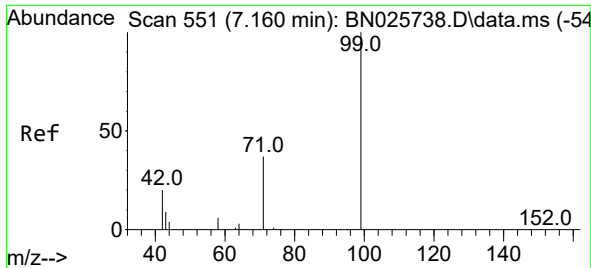
Tgt Ion: 42 Resp: 166
 Ion Ratio Lower Upper
 42 100
 74 5.4 90.5 135.7#
 44 48.2 4.4 6.6#



#4
 2-Fluorophenol
 Concen: 0.109 ng
 RT: 5.557 min Scan# 329
 Delta R.T. 0.014 min
 Lab File: BN025885.D
 Acq: 16 Jun 2023 18:30

Tgt Ion: 112 Resp: 1424
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.5 71.3
 63 37.8 26.2 39.4

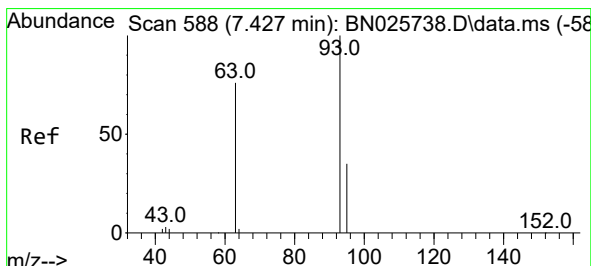
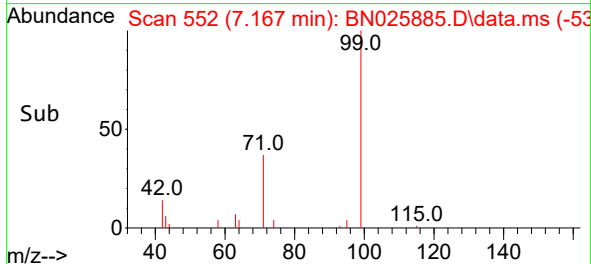
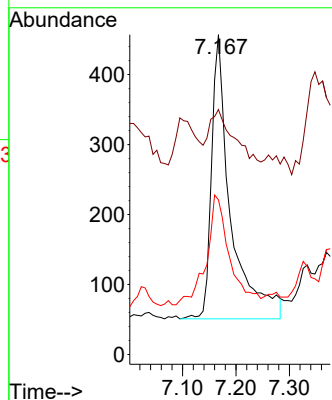
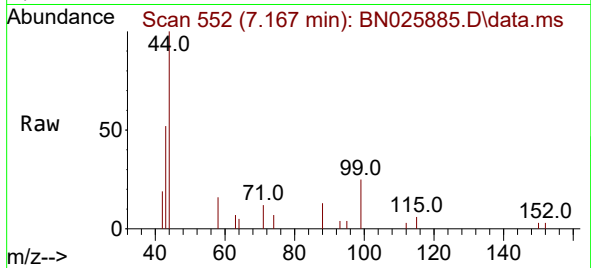




#5
Phenol-d6
Concen: 0.063 ng
RT: 7.167 min Scan# 51
Delta R.T. 0.014 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

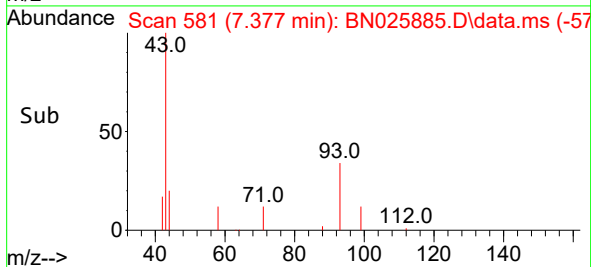
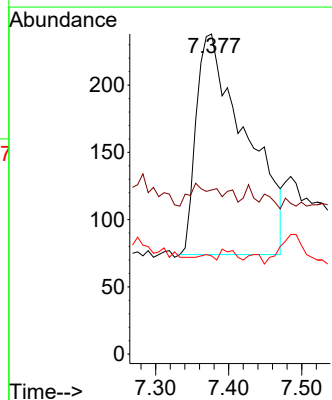
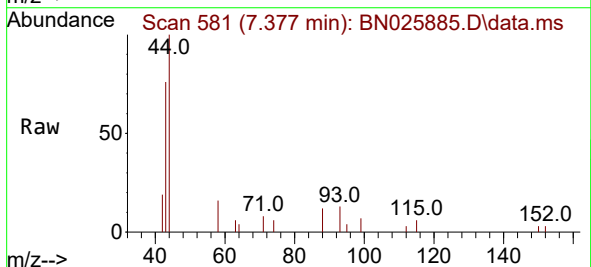
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-190-210-061523

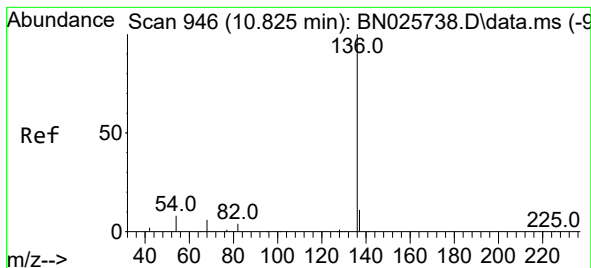
Tgt Ion: 99 Resp: 1008
Ion Ratio Lower Upper
99 100
42 24.2 18.6 28.0
71 46.4 30.5 45.7#



#6
bis(2-Chloroethyl)ether
Concen: 0.053 ng
RT: 7.377 min Scan# 581
Delta R.T. -0.036 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

Tgt Ion: 93 Resp: 771
Ion Ratio Lower Upper
93 100
63 0.0 56.4 84.6#
95 0.5 24.6 37.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.814 min Scan# 946

Delta R.T. -0.000 min

Lab File: BN025885.D

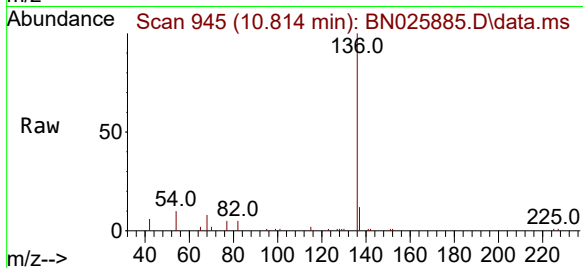
Acq: 16 Jun 2023 18:30

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-190-210-061523



Tgt Ion:136 Resp: 12607

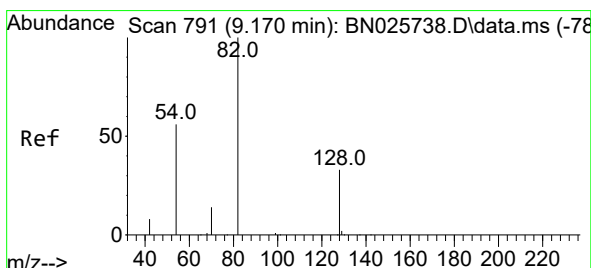
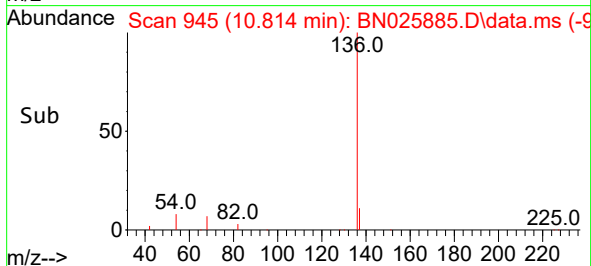
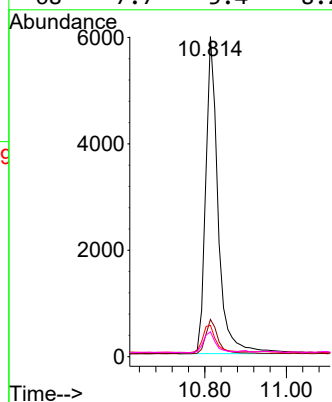
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 9.8 7.2 10.8

68 7.7 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.293 ng

RT: 9.180 min Scan# 792

Delta R.T. 0.011 min

Lab File: BN025885.D

Acq: 16 Jun 2023 18:30

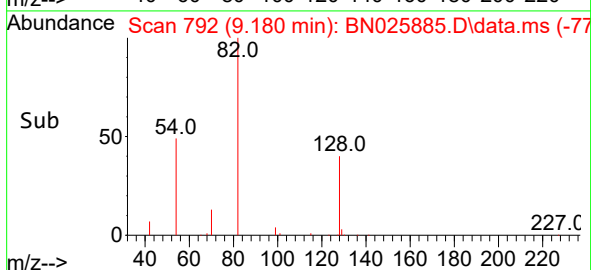
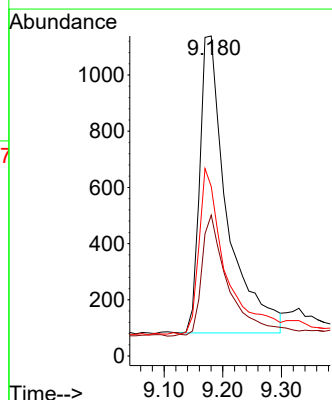
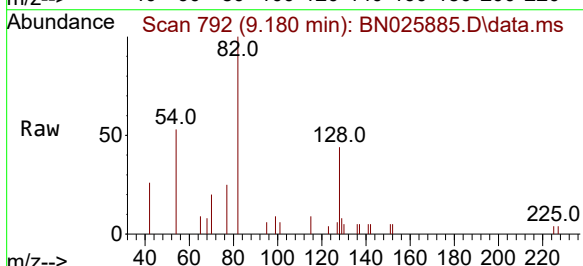
Tgt Ion: 82 Resp: 3432

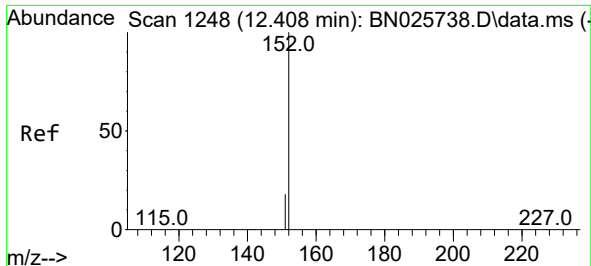
Ion Ratio Lower Upper

82 100

128 44.0 27.6 41.4#

54 52.9 45.7 68.5

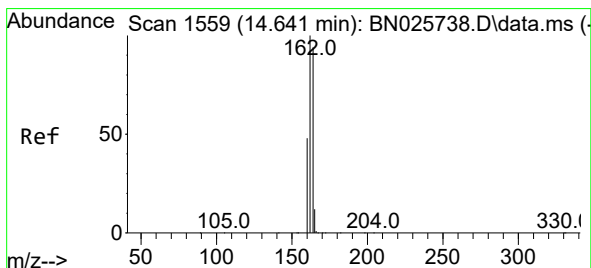
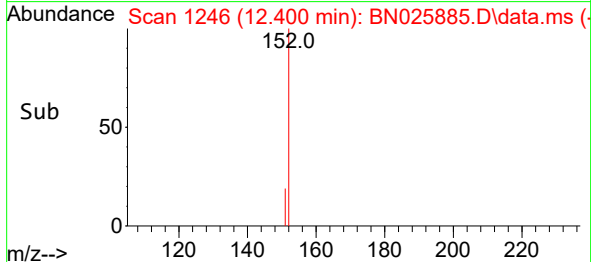
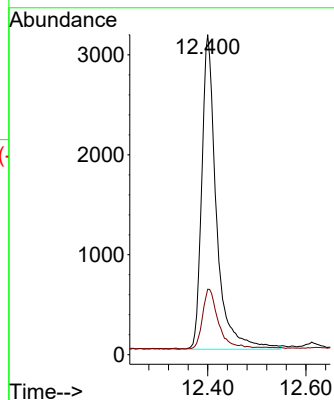
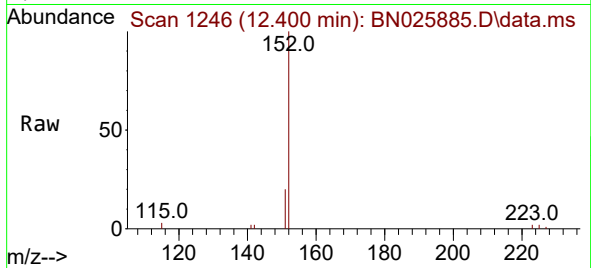




#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.400 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

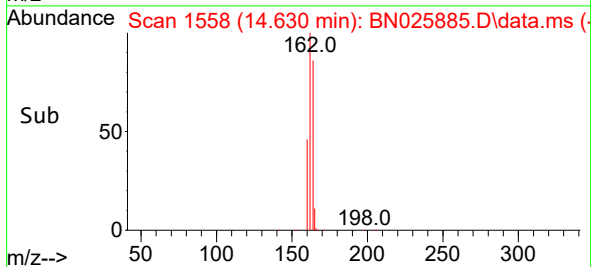
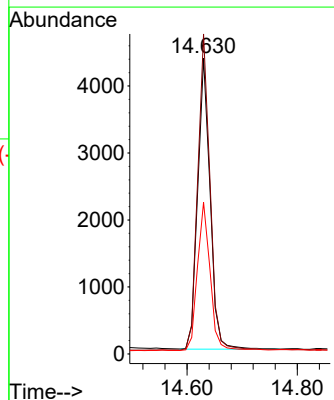
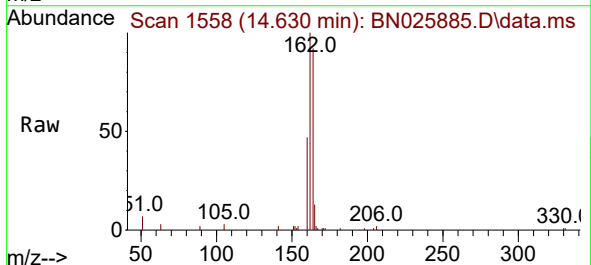
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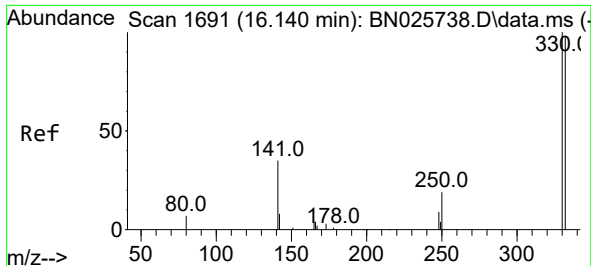
Tgt Ion:152 Resp: 6498
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

Tgt Ion:164 Resp: 6754
Ion Ratio Lower Upper
164 100
162 108.2 85.0 127.6
160 51.3 41.1 61.7

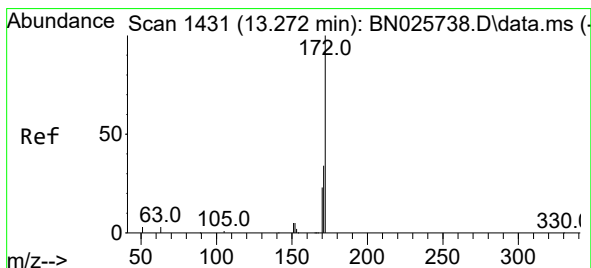
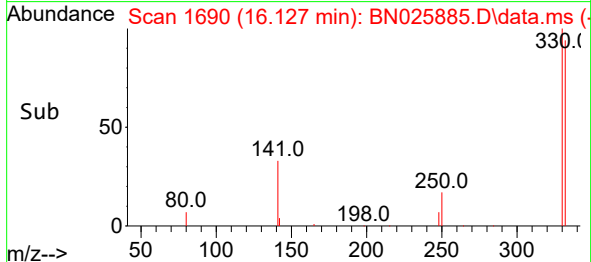
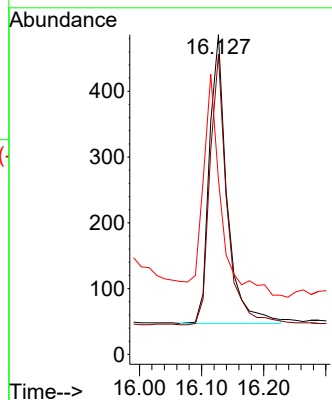
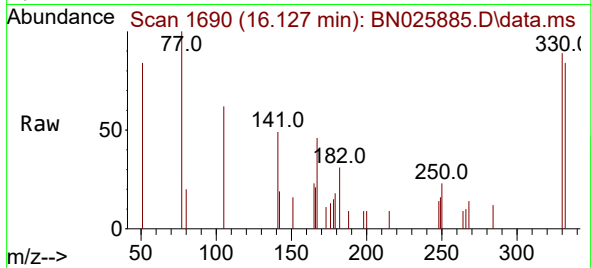




#14
2,4,6-Tribromophenol
Concen: 0.417 ng
RT: 16.127 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

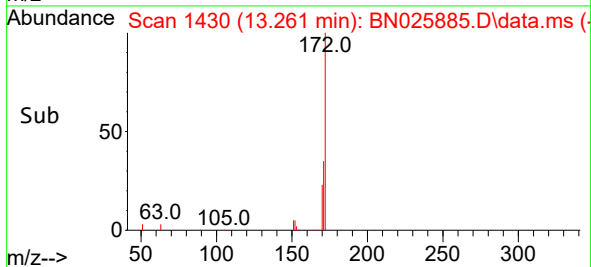
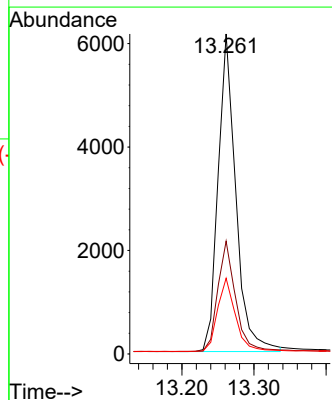
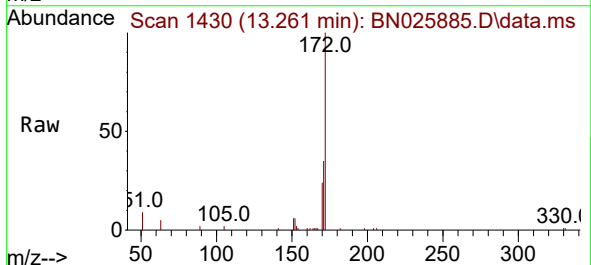
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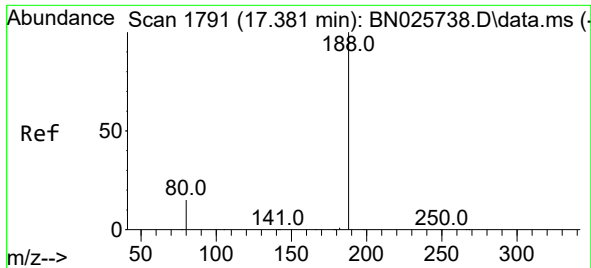
Tgt Ion:330 Resp: 869
Ion Ratio Lower Upper
330 100
332 91.6 77.3 115.9
141 75.1 55.0 82.6



#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.261 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

Tgt Ion:172 Resp: 10469
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 23.6 18.6 28.0

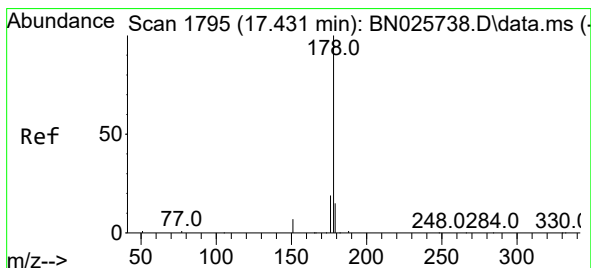
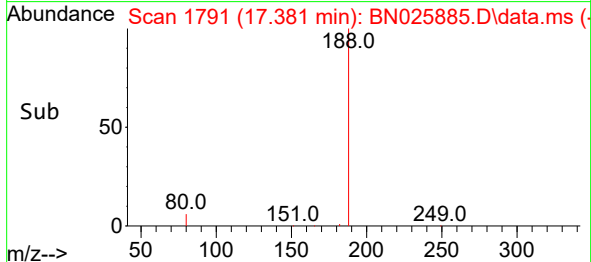
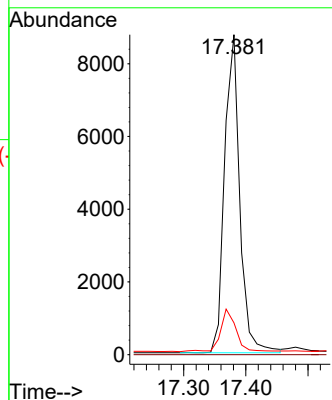
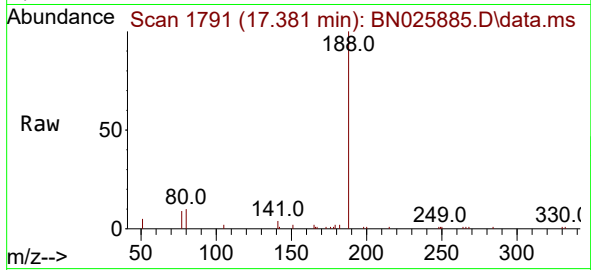




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

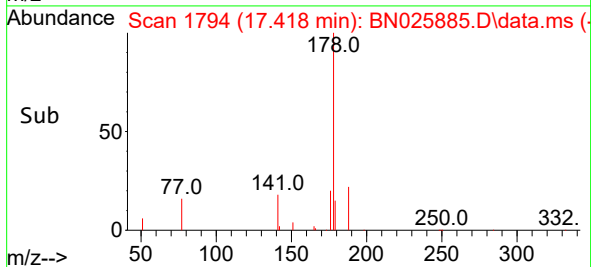
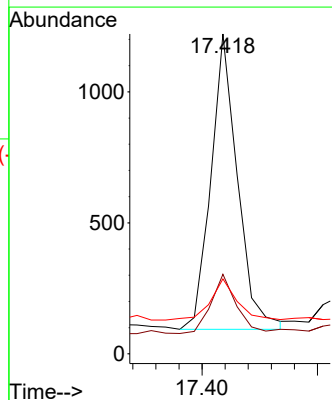
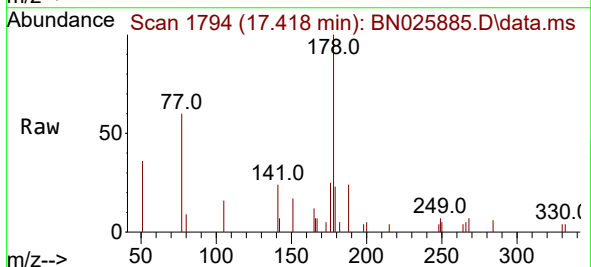
Instrument :
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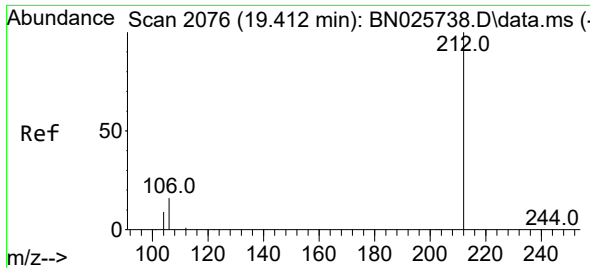
Tgt Ion:188 Resp: 14794
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 12.1 18.1#



#25
Phenanthrene
Concen: 0.040 ng
RT: 17.418 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

Tgt Ion:178 Resp: 1807
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 14.4 12.2 18.2

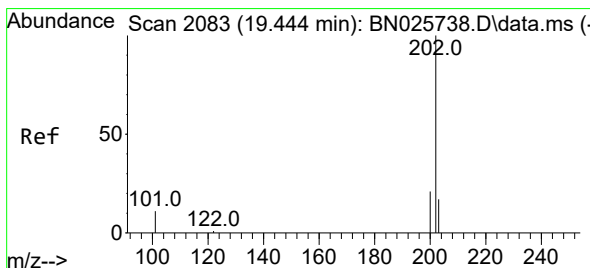
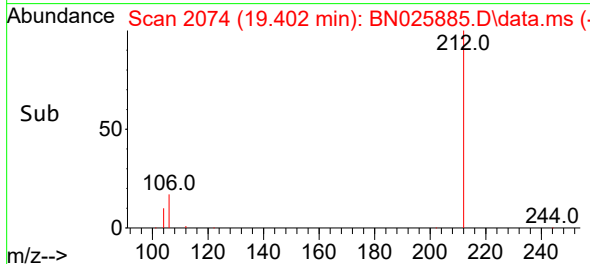
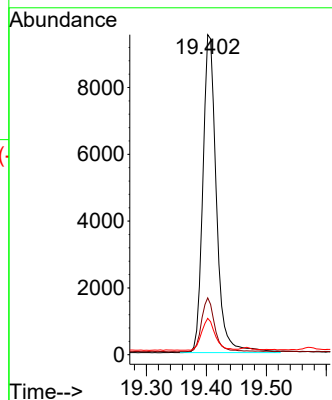
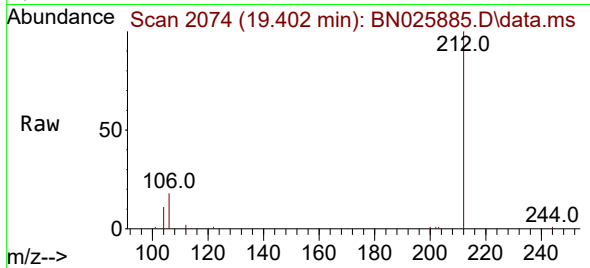




#27
Fluoranthene-d10
Concen: 0.490 ng
RT: 19.402 min Scan# 2076
Delta R.T. -0.005 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

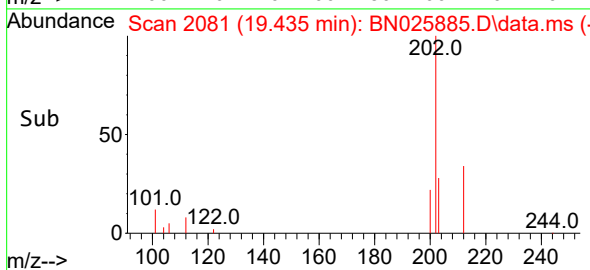
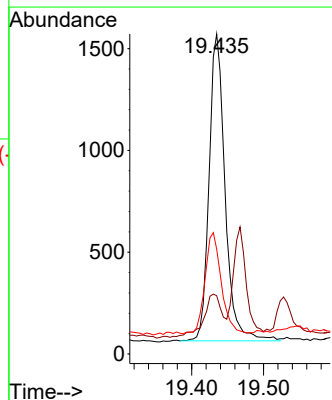
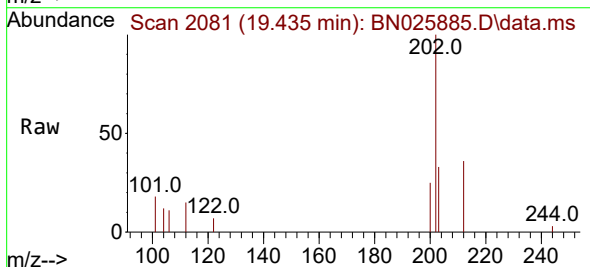
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-190-210-061523

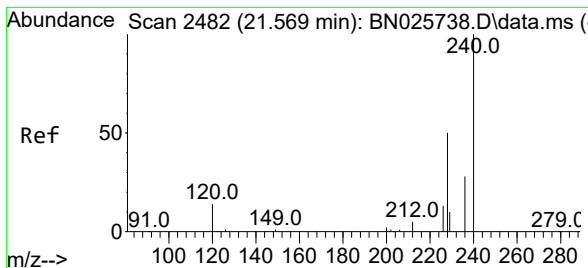
Tgt Ion:212 Resp: 14926
Ion Ratio Lower Upper
212 100
106 16.7 13.0 19.6
104 9.9 7.7 11.5



#28
Fluoranthene
Concen: 0.052 ng
RT: 19.435 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

Tgt Ion:202 Resp: 2318
Ion Ratio Lower Upper
202 100
101 16.3 9.8 14.8#
203 33.6 13.4 20.2#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.560 min Scan# 2481

Delta R.T. -0.000 min

Lab File: BN025885.D

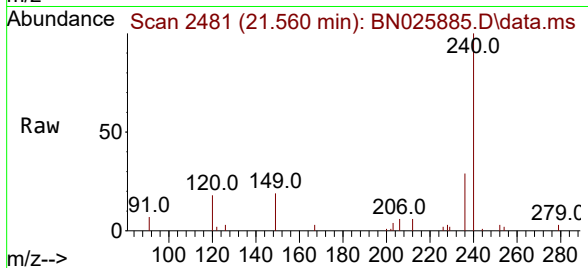
Acq: 16 Jun 2023 18:30

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-190-210-061523



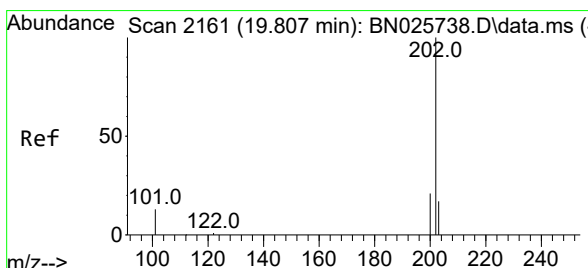
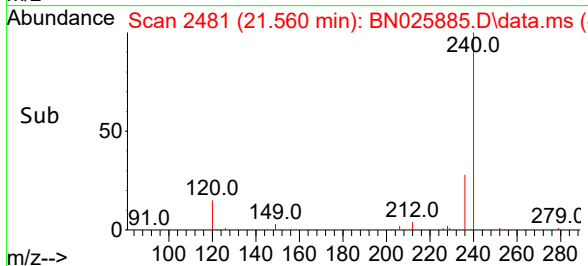
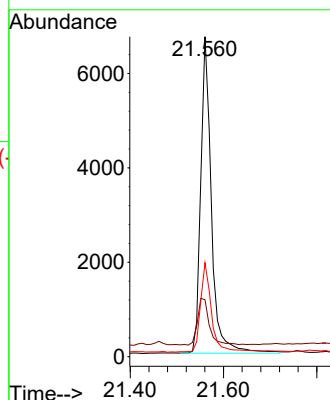
Tgt Ion:240 Resp: 10706

Ion Ratio Lower Upper

240 100

120 17.8 13.2 19.8

236 29.4 23.1 34.7



#30

Pyrene

Concen: 0.021 ng

RT: 19.797 min Scan# 2159

Delta R.T. -0.000 min

Lab File: BN025885.D

Acq: 16 Jun 2023 18:30

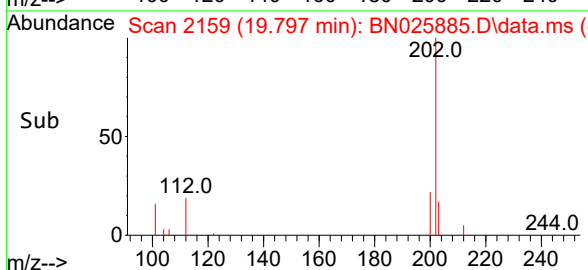
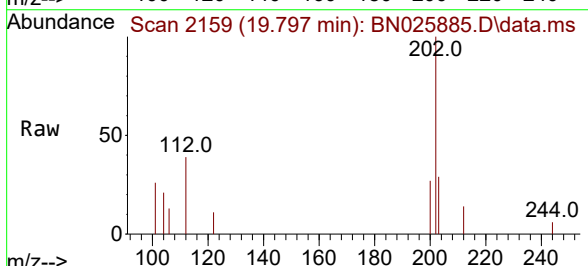
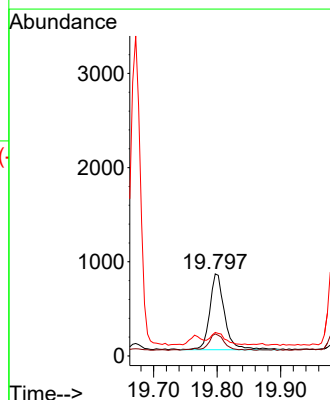
Tgt Ion:202 Resp: 1302

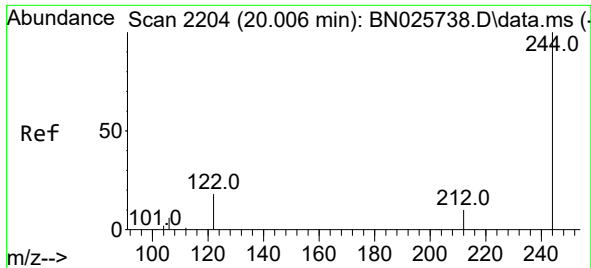
Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

203 15.0 14.2 21.2

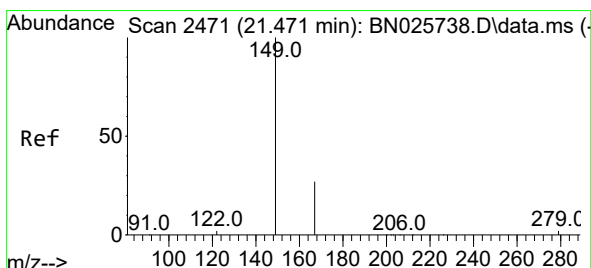
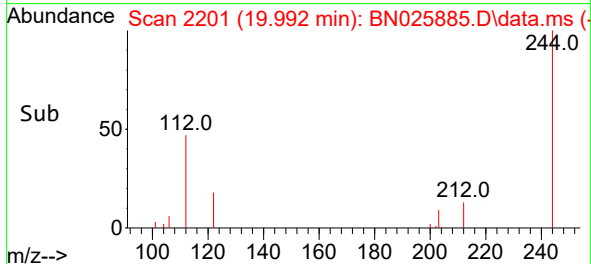
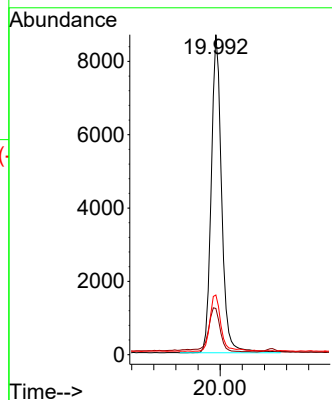
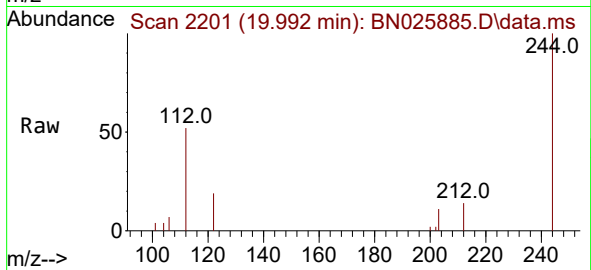




#31
 Terphenyl-d14
 Concen: 0.437 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025885.D
 Acq: 16 Jun 2023 18:30

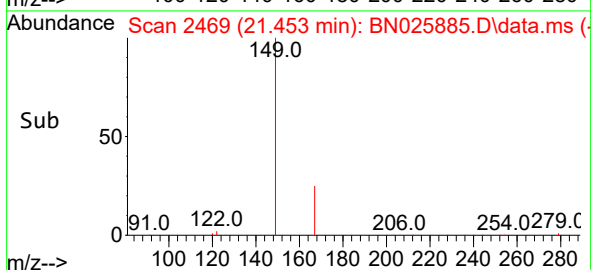
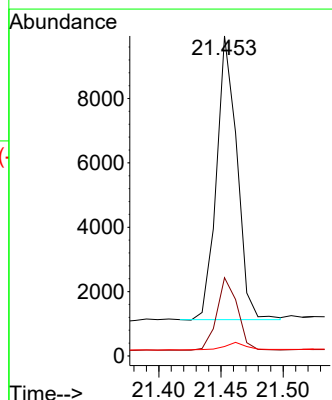
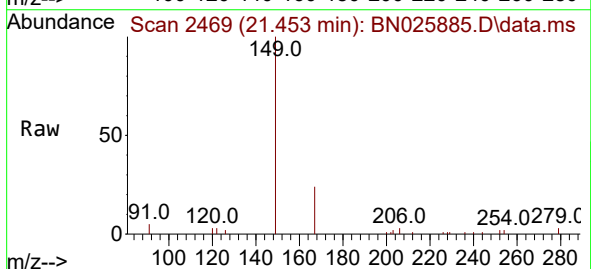
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-190-210-061523

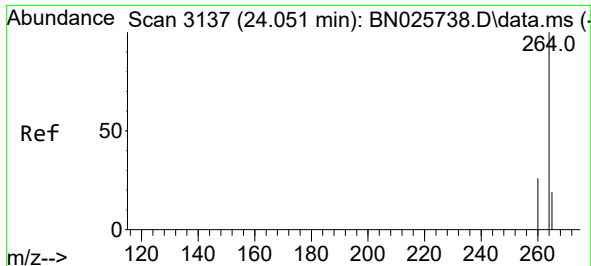
Tgt Ion:244 Resp: 11344
 Ion Ratio Lower Upper
 244 100
 212 14.5 8.6 12.8#
 122 18.7 15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.409 ng
 RT: 21.453 min Scan# 2469
 Delta R.T. -0.000 min
 Lab File: BN025885.D
 Acq: 16 Jun 2023 18:30

Tgt Ion:149 Resp: 10077
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.0 31.6
 279 3.3 2.2 3.4

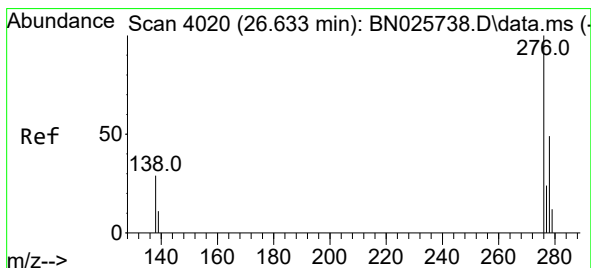
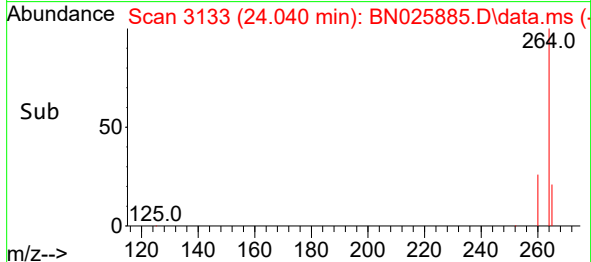
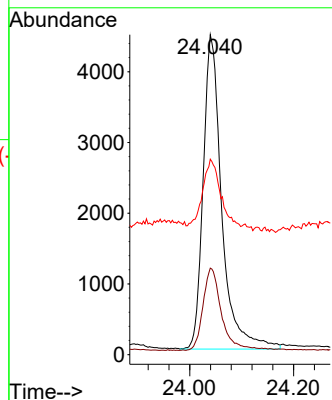
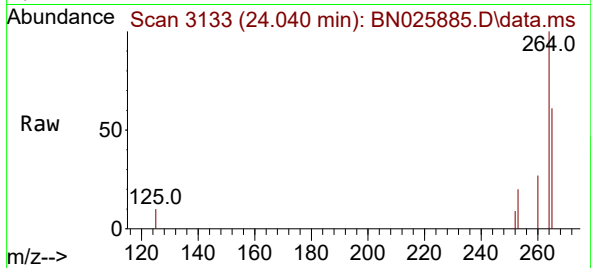




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.040 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

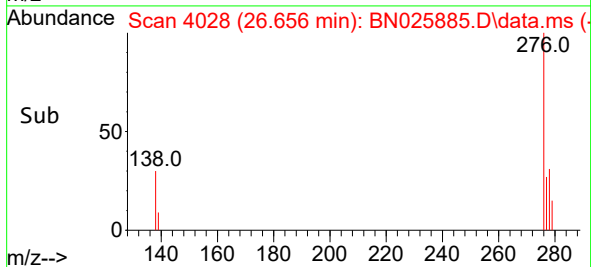
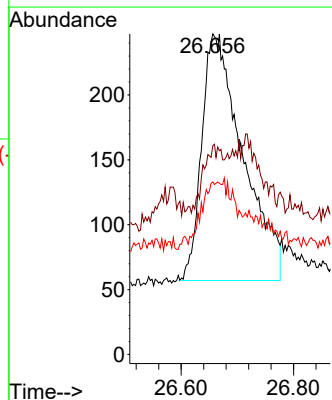
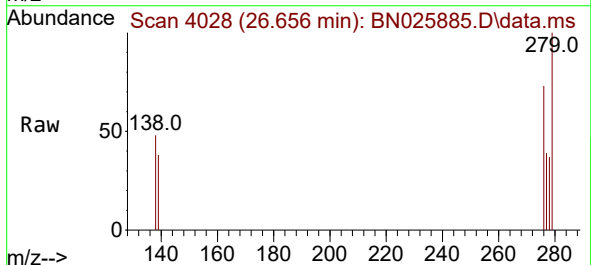
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-190-210-061523

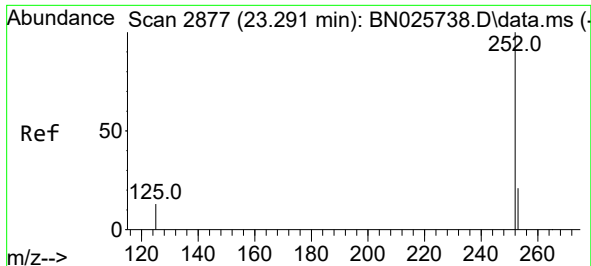
Tgt Ion:264 Resp: 11036
Ion Ratio Lower Upper
264 100
260 27.1 21.4 32.2
265 61.1 44.7 67.1



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 26.656 min Scan# 4028
Delta R.T. 0.017 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

Tgt Ion:276 Resp: 966
Ion Ratio Lower Upper
276 100
138 8.4 26.1 39.1#
277 7.9 19.4 29.2#

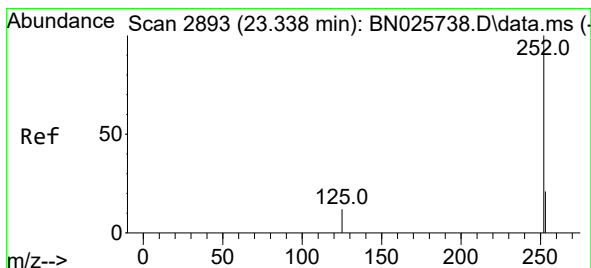
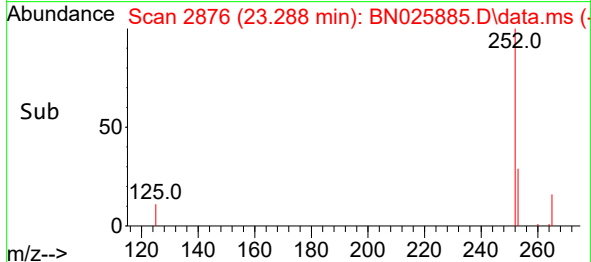
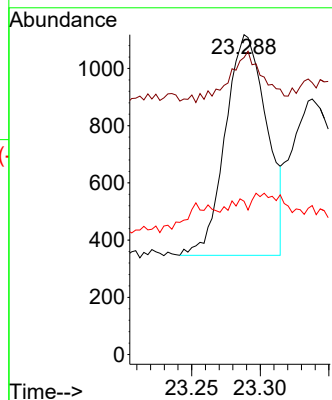
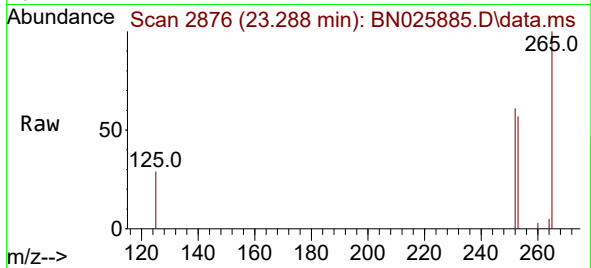




#37
Benzo(b)fluoranthene
Concen: 0.037 ng
RT: 23.288 min Scan# 2876
Delta R.T. 0.006 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

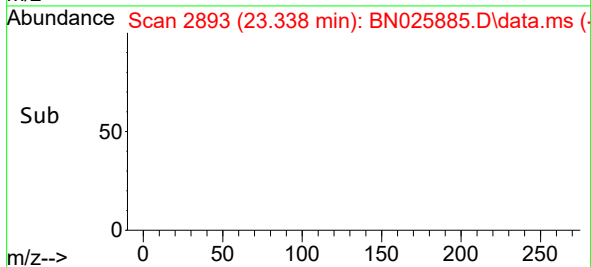
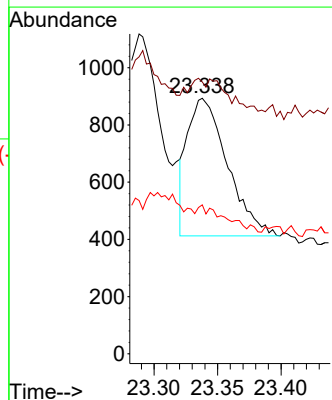
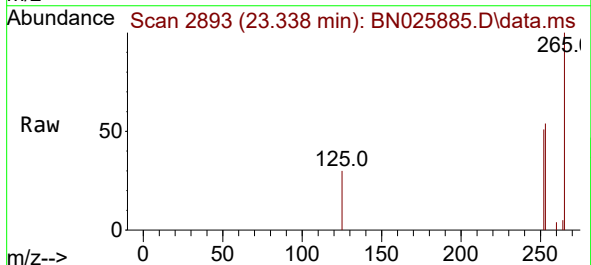
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-190-210-061523

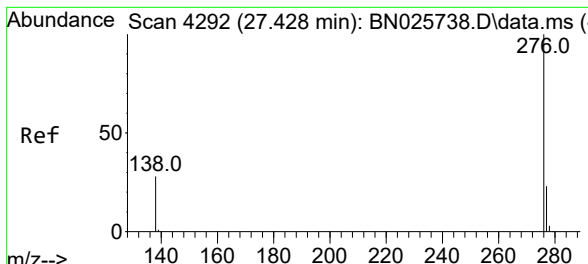
Tgt Ion:252 Resp: 1623
Ion Ratio Lower Upper
252 100
253 92.8 23.4 35.0#
125 47.9 12.3 18.5#



#38
Benzo(k)fluoranthene
Concen: 0.024 ng
RT: 23.338 min Scan# 2893
Delta R.T. 0.009 min
Lab File: BN025885.D
Acq: 16 Jun 2023 18:30

Tgt Ion:252 Resp: 1056
Ion Ratio Lower Upper
252 100
253 106.4 24.2 36.4#
125 58.3 12.2 18.2#





#41

Benzo(g,h,i)perylene

Concen: 0.023 ng

RT: 27.457 min Scan# 41

Delta R.T. 0.020 min

Lab File: BN025885.D

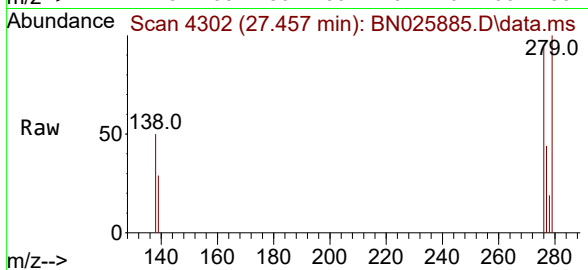
Acq: 16 Jun 2023 18:30

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-190-210-061523



Tgt Ion:276 Resp: 998

Ion Ratio Lower Upper

276 100

277 46.8 20.2 30.2#

138 53.2 24.2 36.4#

