

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
 Data File : BN025893.D
 Acq On : 17 Jun 2023 00:35
 Operator : MA/JU
 Sample : 03317-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-218-238-061623

Quant Time: Jun 17 02:36:58 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)

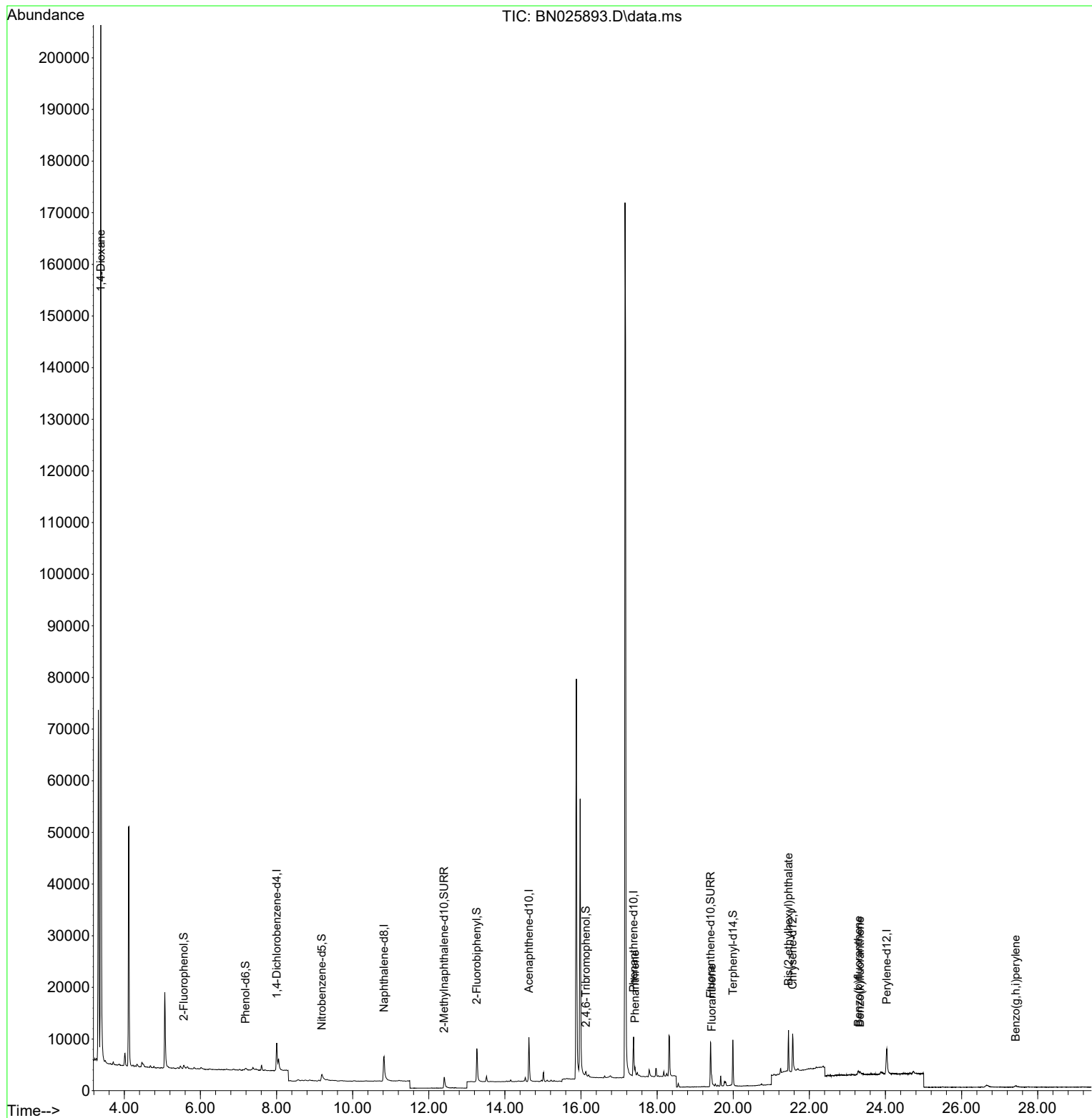
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	3816	0.400	ng	0.00
7) Naphthalene-d8	10.825	136	9784	0.400	ng	0.01
13) Acenaphthene-d10	14.630	164	5339	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	11347	0.400	ng	# 0.00
29) Chrysene-d12	21.560	240	8216	0.400	ng	# 0.00
35) Perylene-d12	24.034	264	8572	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1006	0.094	ng	0.02
5) Phenol-d6	7.182	99	583	0.044	ng	0.03
8) Nitrobenzene-d5	9.191	82	2293	0.252	ng	0.02
11) 2-Methylnaphthalene-d10	12.404	152	4563	0.324	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	569	0.346	ng	0.00
15) 2-Fluorobiphenyl	13.262	172	7207	0.319	ng	0.00
27) Fluoranthene-d10	19.407	212	10580	0.453	ng	0.00
31) Terphenyl-d14	19.992	244	7935	0.398	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.383	88	140424	31.364	ng	# 93
25) Phenanthrene	17.418	178	1852	0.053	ng	98
28) Fluoranthene	19.435	202	1629	0.047	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.453	149	7511	0.398	ng	98
37) Benzo(b)fluoranthene	23.285	252	1154	0.034	ng	# 1
38) Benzo(k)fluoranthene	23.332	252	895	0.026	ng	# 1
41) Benzo(g,h,i)perylene	27.425	276	760	0.023	ng	# 51

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

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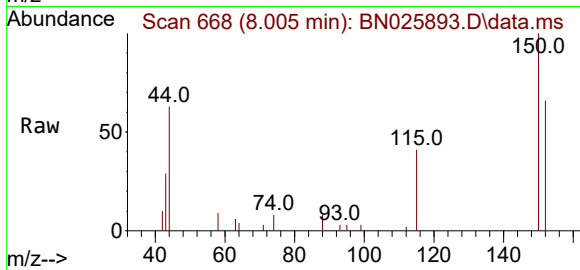
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 14:10:48 2023
Response via : Initial Calibration



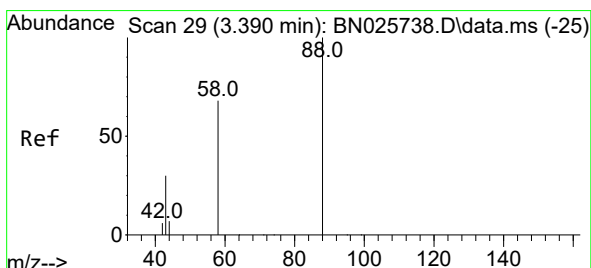
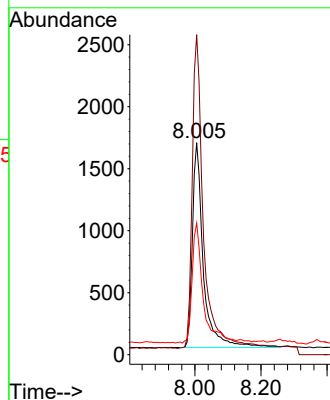
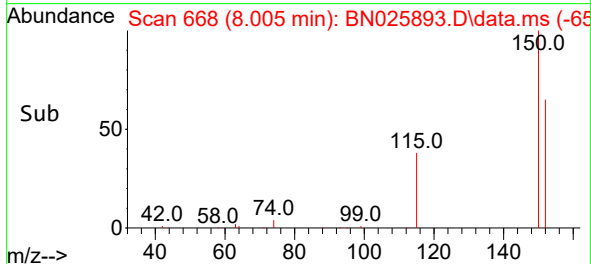


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.005 min Scan# 669
 Delta R.T. 0.007 min
 Lab File: BN025893.D
 Acq: 17 Jun 2023 00:35

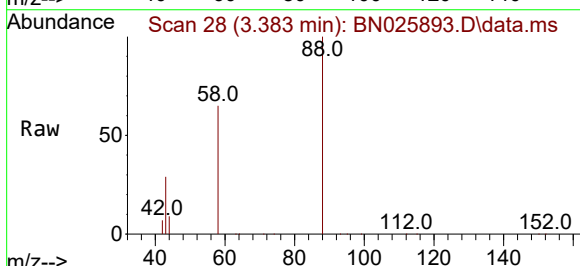
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-218-238-061623



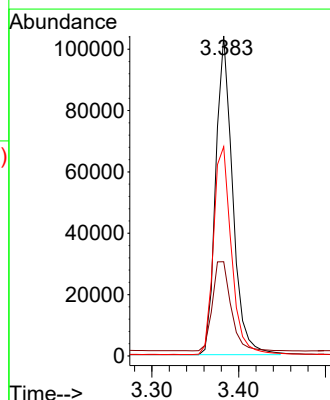
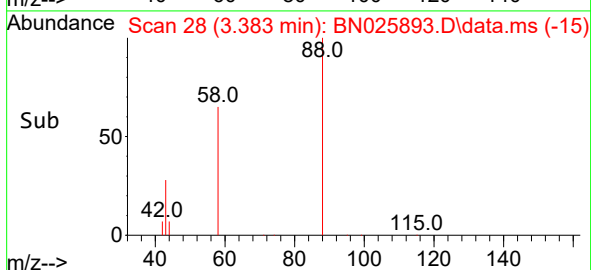
Tgt Ion:152 Resp: 3816
 Ion Ratio Lower Upper
 152 100
 150 150.9 121.5 182.3
 115 62.1 47.7 71.5

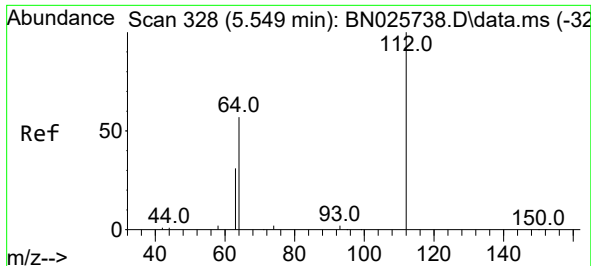


#2
 1,4-Dioxane
 Concen: 31.364 ng
 RT: 3.383 min Scan# 28
 Delta R.T. -0.007 min
 Lab File: BN025893.D
 Acq: 17 Jun 2023 00:35



Tgt Ion: 88 Resp: 140424
 Ion Ratio Lower Upper
 88 100
 43 30.5 31.0 46.4#
 58 69.0 57.3 85.9

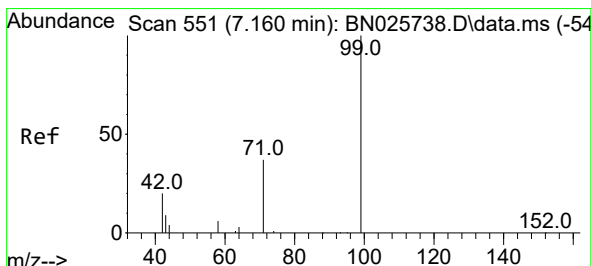
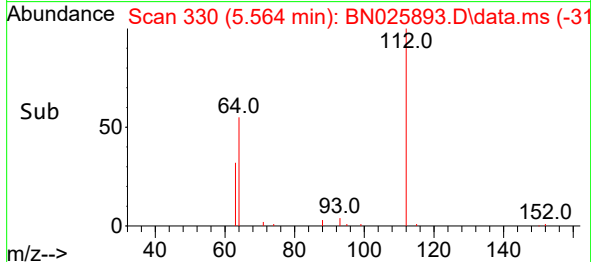
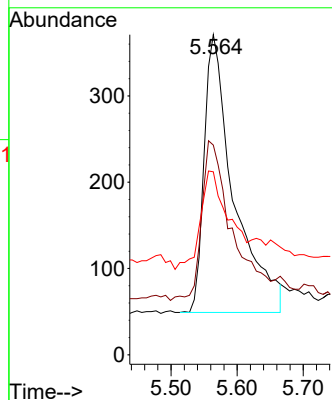
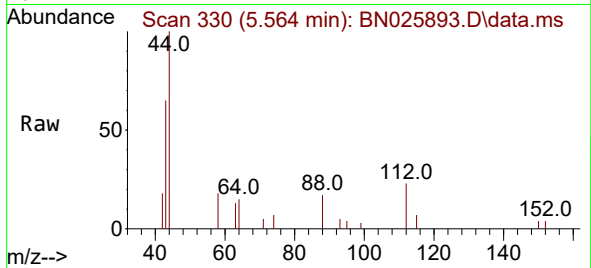




#4
2-Fluorophenol
Concen: 0.094 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.022 min
Lab File: BN025893.D
Acq: 17 Jun 2023 00:35

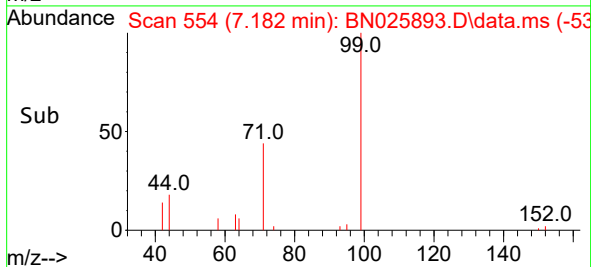
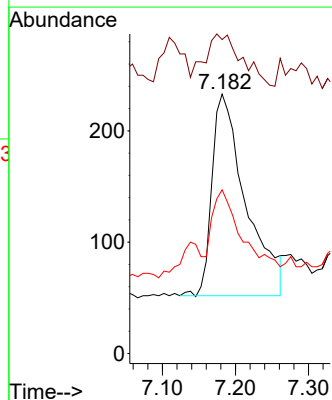
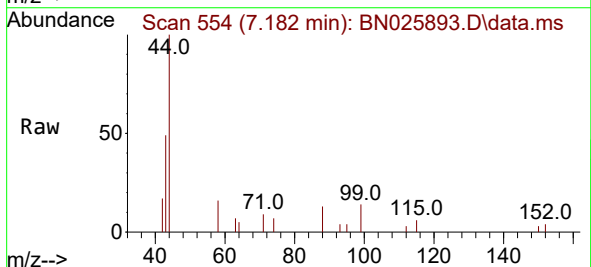
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-218-238-061623

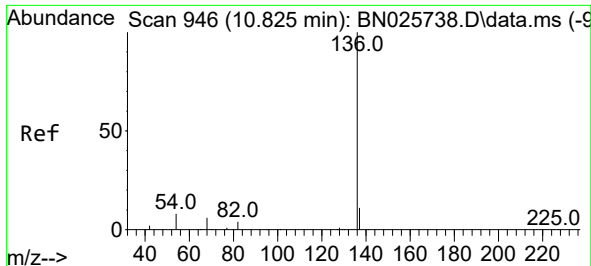
Tgt Ion:112 Resp: 1006
Ion Ratio Lower Upper
112 100
64 58.7 47.5 71.3
63 35.8 26.2 39.4



#5
Phenol-d6
Concen: 0.044 ng
RT: 7.182 min Scan# 554
Delta R.T. 0.029 min
Lab File: BN025893.D
Acq: 17 Jun 2023 00:35

Tgt Ion: 99 Resp: 583
Ion Ratio Lower Upper
99 100
42 28.1 18.6 28.0#
71 32.9 30.5 45.7

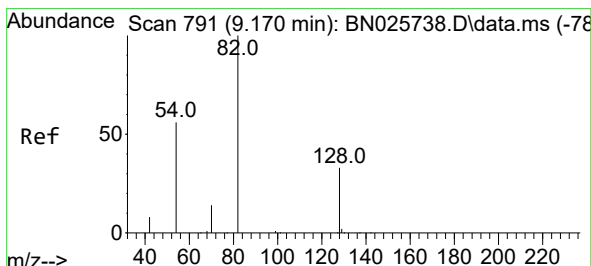
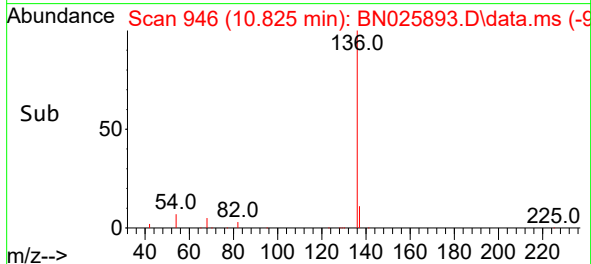
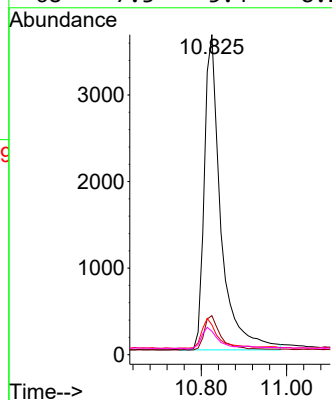
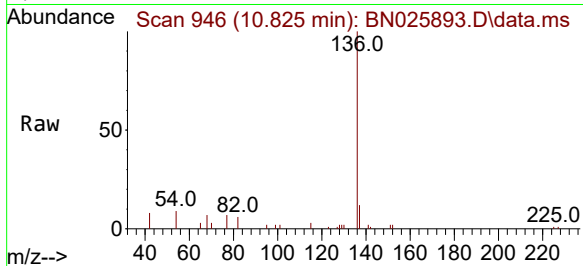




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.825 min Scan# 946
Delta R.T. 0.011 min
Lab File: BN025893.D
Acq: 17 Jun 2023 00:35

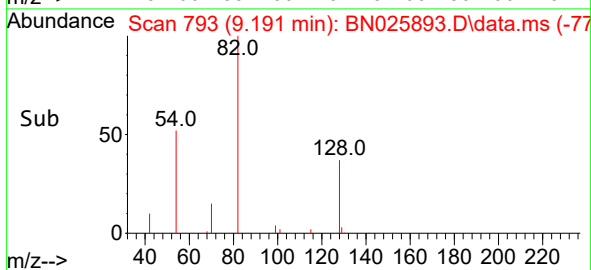
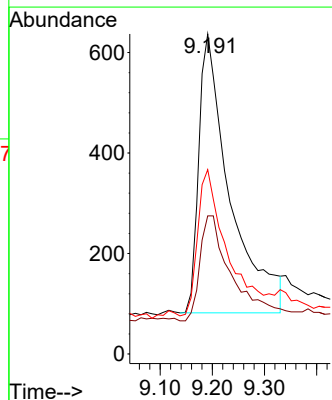
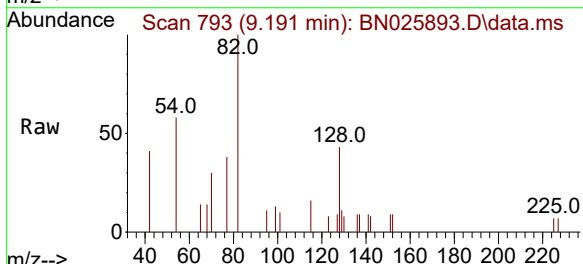
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-218-238-061623

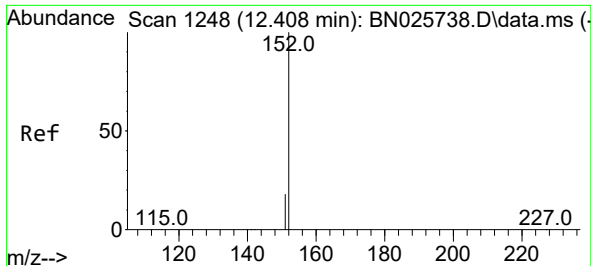
Tgt Ion:	136	Resp:	9784
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.3	13.9
54	9.3	7.2	10.8
68	7.3	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 9.191 min Scan# 793
Delta R.T. 0.021 min
Lab File: BN025893.D
Acq: 17 Jun 2023 00:35

Tgt Ion:	82	Resp:	2293
Ion Ratio	Lower	Upper	
82	100		
128	43.2	27.6	41.4#
54	57.6	45.7	68.5

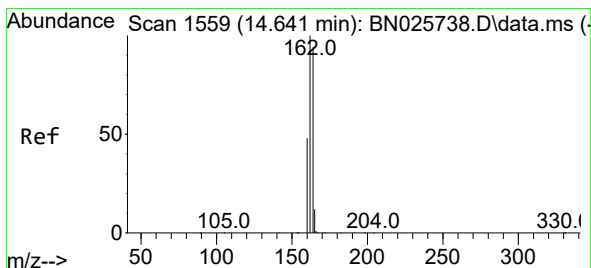
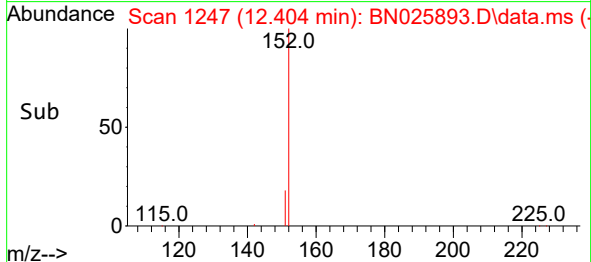
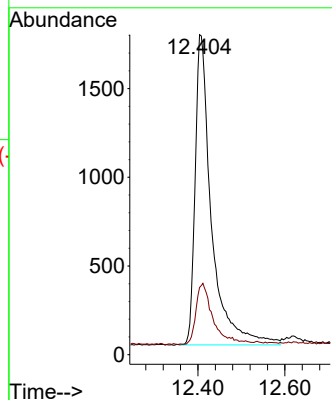
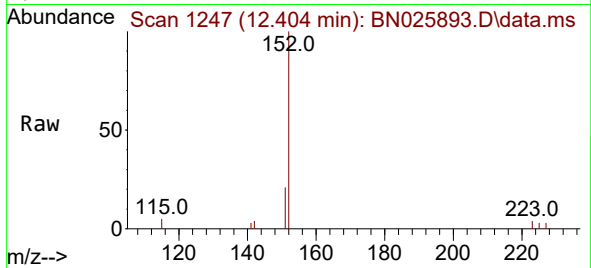




#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.404 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN025893.D
Acq: 17 Jun 2023 00:35

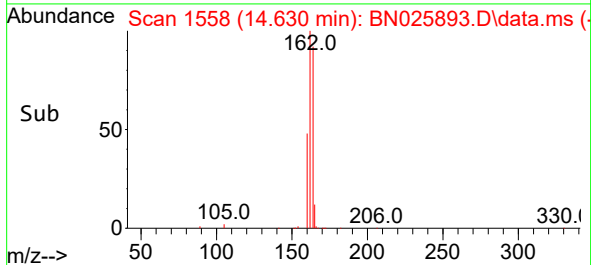
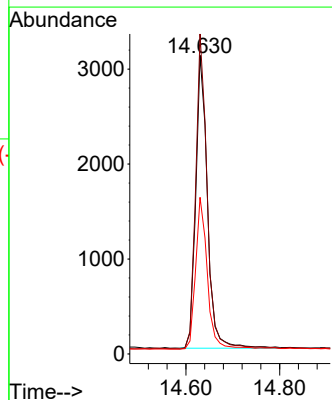
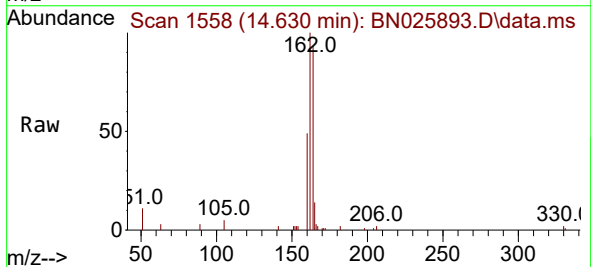
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-218-238-061623

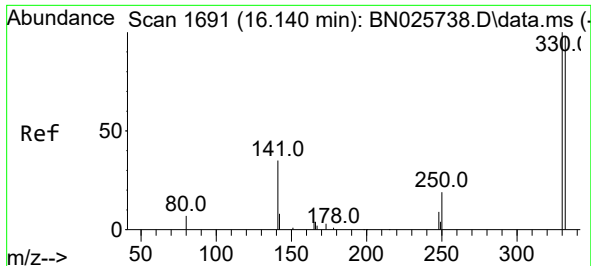
Tgt Ion:152 Resp: 4563
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BN025893.D
Acq: 17 Jun 2023 00:35

Tgt Ion:164 Resp: 5339
Ion Ratio Lower Upper
164 100
162 107.1 85.0 127.6
160 52.4 41.1 61.7

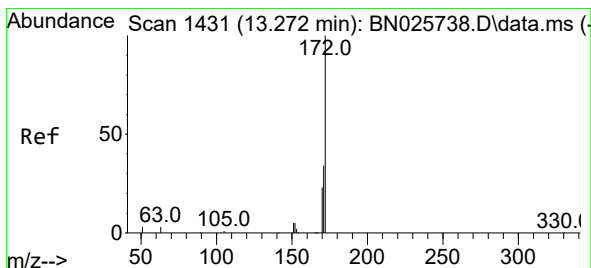
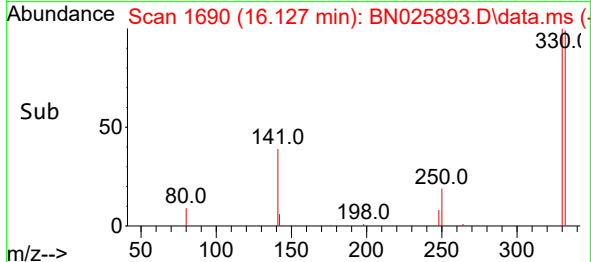
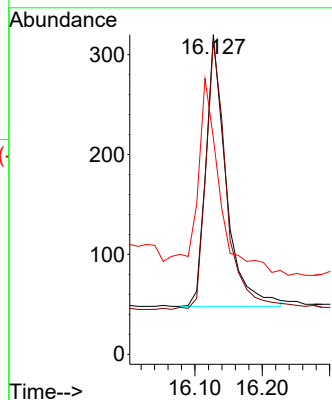
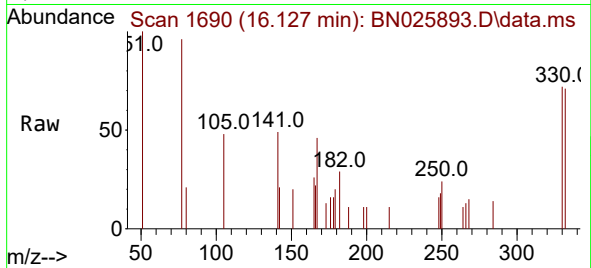




#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 16.127 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN025893.D
Acq: 17 Jun 2023 00:35

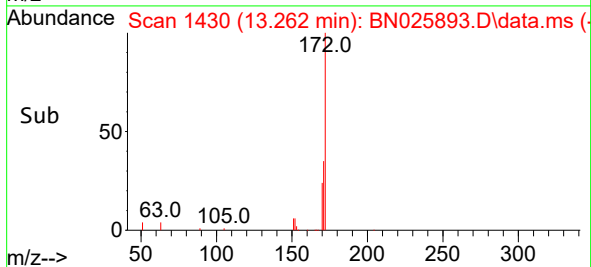
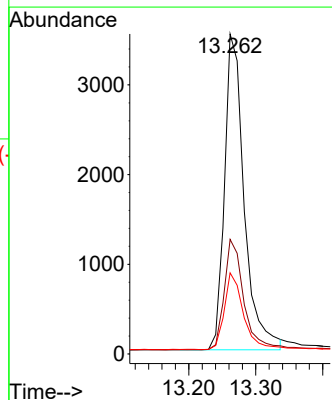
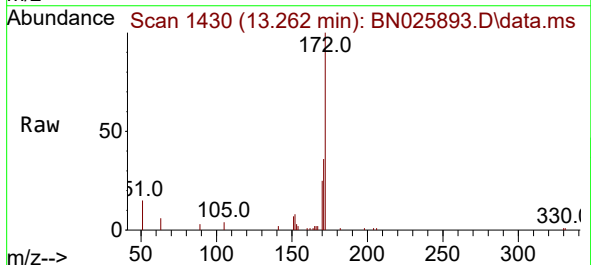
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-218-238-061623

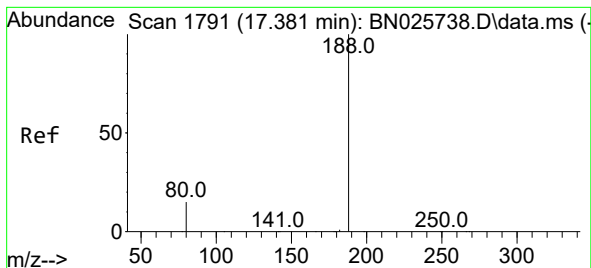
Tgt Ion: 330 Resp: 569
Ion Ratio Lower Upper
330 100
332 99.8 77.3 115.9
141 74.0 55.0 82.6



#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.262 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN025893.D
Acq: 17 Jun 2023 00:35

Tgt Ion: 172 Resp: 7207
Ion Ratio Lower Upper
172 100
171 35.8 27.3 40.9
170 25.3 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: BN025893.D

Acq: 17 Jun 2023 00:35

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-218-238-061623

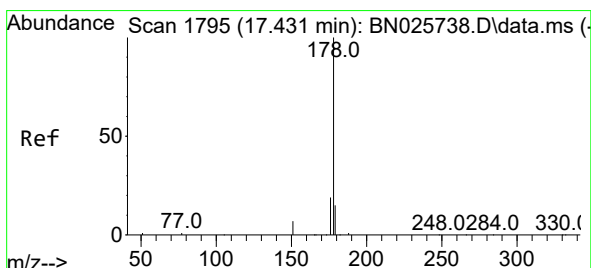
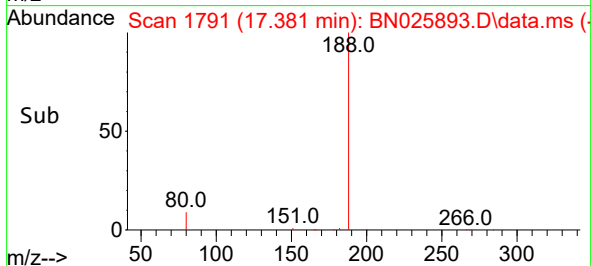
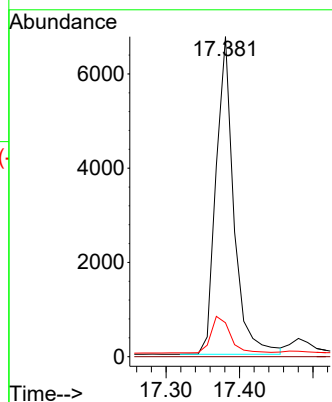
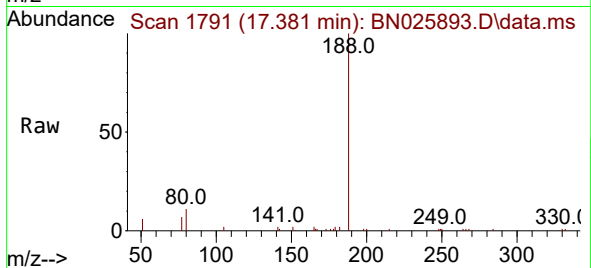
Tgt Ion:188 Resp: 11347

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 12.1 18.1#



#25

Phenanthrene

Concen: 0.053 ng

RT: 17.418 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BN025893.D

Acq: 17 Jun 2023 00:35

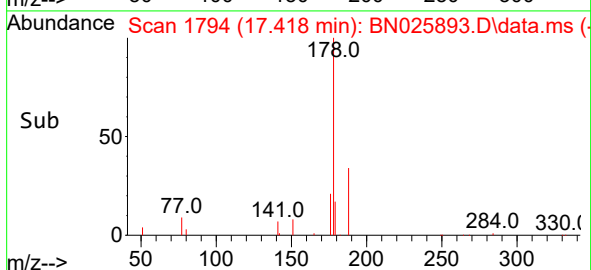
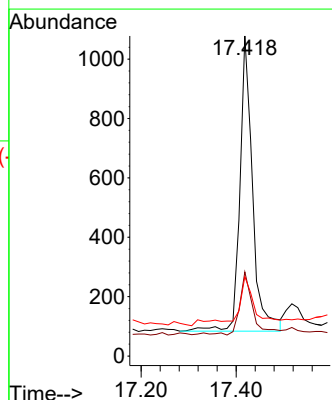
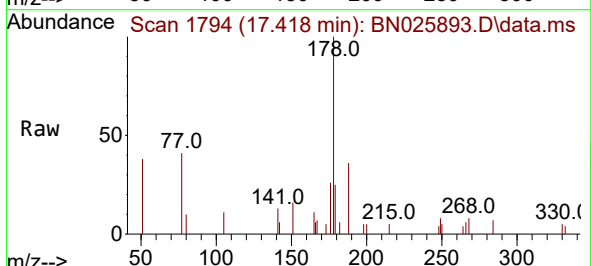
Tgt Ion:178 Resp: 1852

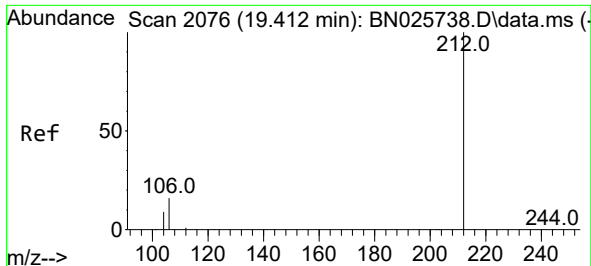
Ion Ratio Lower Upper

178 100

176 20.5 15.7 23.5

179 14.6 12.2 18.2

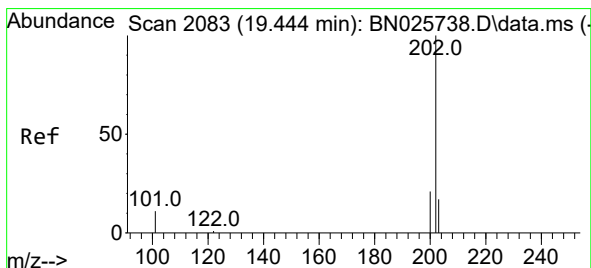
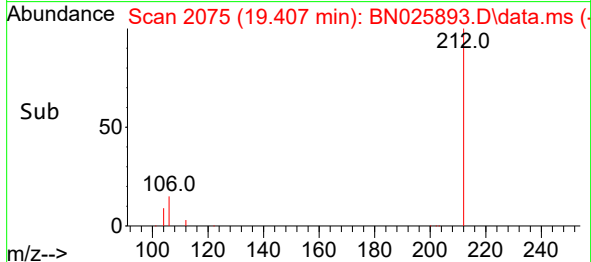
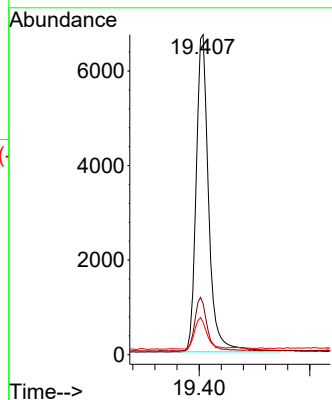
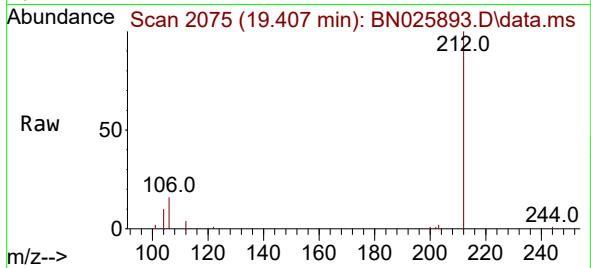




#27
Fluoranthene-d10
Concen: 0.453 ng
RT: 19.407 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN025893.D
Acq: 17 Jun 2023 00:35

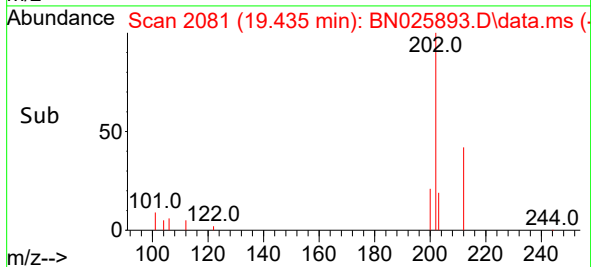
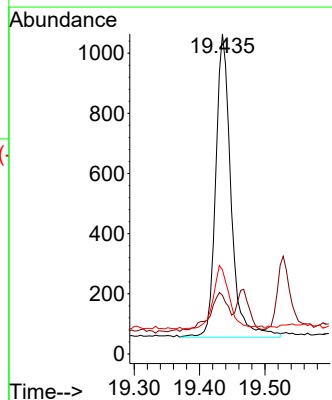
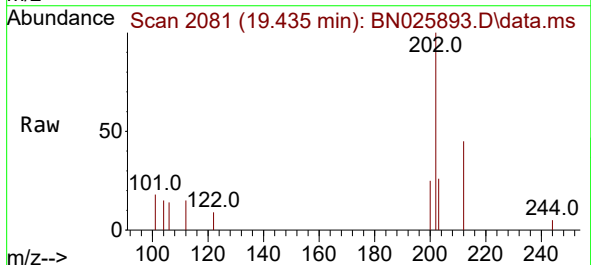
Instrument :
BNA_N
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GWOW-BR-05-218-238-061623

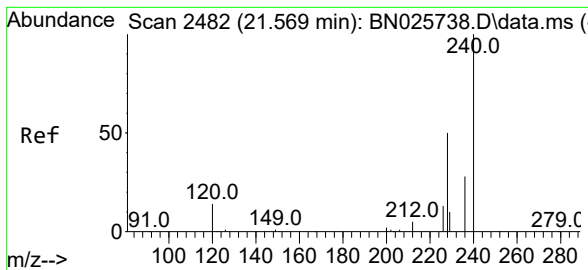
Tgt Ion:212 Resp: 10580
Ion Ratio Lower Upper
212 100
106 16.4 13.0 19.6
104 9.7 7.7 11.5



#28
Fluoranthene
Concen: 0.047 ng
RT: 19.435 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN025893.D
Acq: 17 Jun 2023 00:35

Tgt Ion:202 Resp: 1629
Ion Ratio Lower Upper
202 100
101 15.5 9.8 14.8#
203 21.4 13.4 20.2#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.560 min Scan# 2482

Delta R.T. 0.000 min

Lab File: BN025893.D

Acq: 17 Jun 2023 00:35

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-218-238-061623

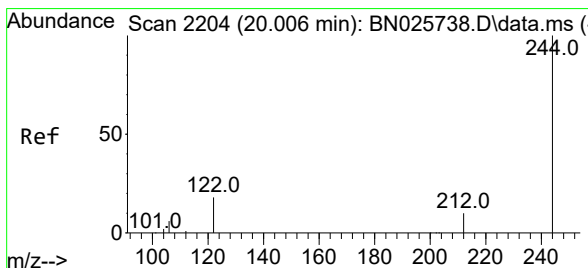
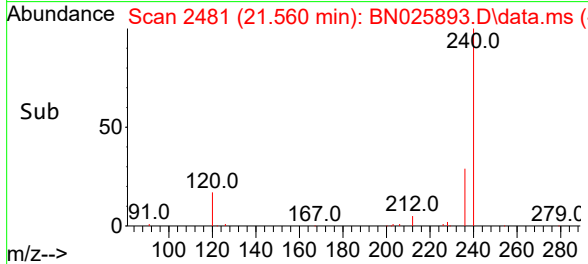
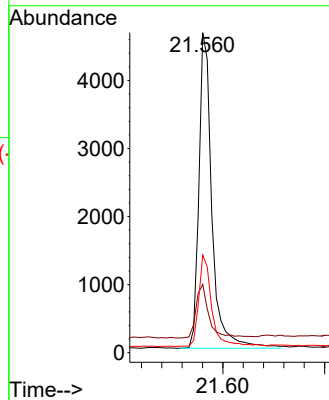
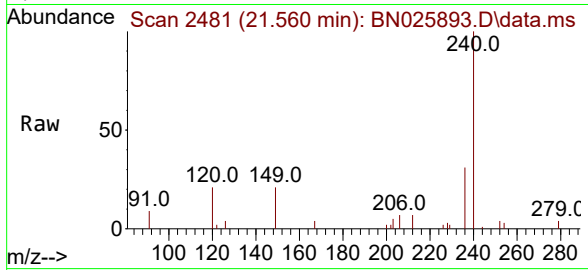
Tgt Ion:240 Resp: 8216

Ion Ratio Lower Upper

240 100

120 21.3 13.2 19.8#

236 30.5 23.1 34.7



#31

Terphenyl-d14

Concen: 0.398 ng

RT: 19.992 min Scan# 2201

Delta R.T. -0.005 min

Lab File: BN025893.D

Acq: 17 Jun 2023 00:35

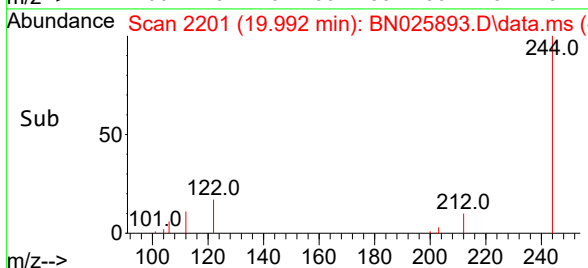
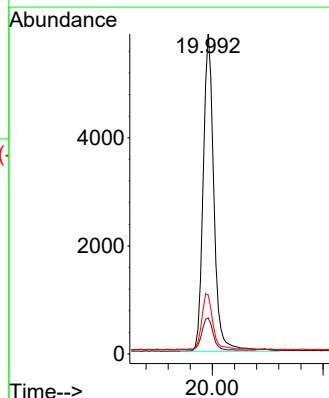
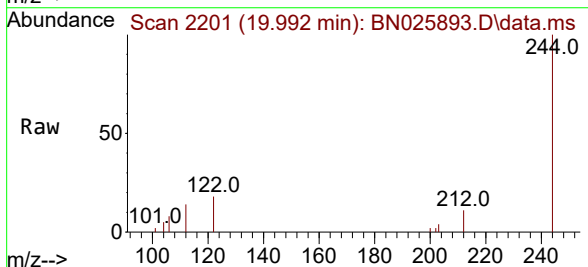
Tgt Ion:244 Resp: 7935

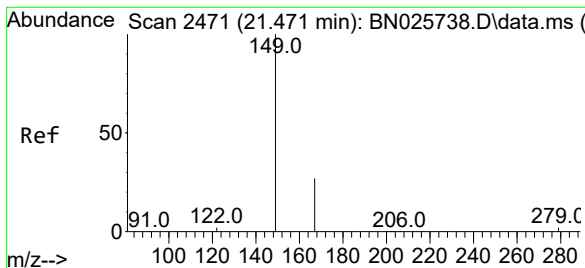
Ion Ratio Lower Upper

244 100

212 11.3 8.6 12.8

122 18.5 15.2 22.8

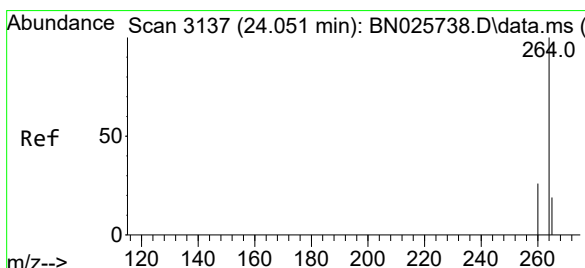
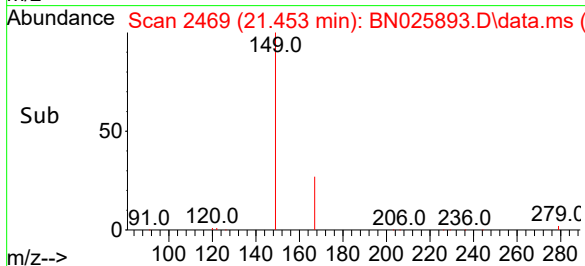
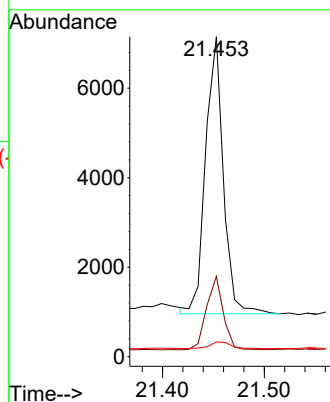
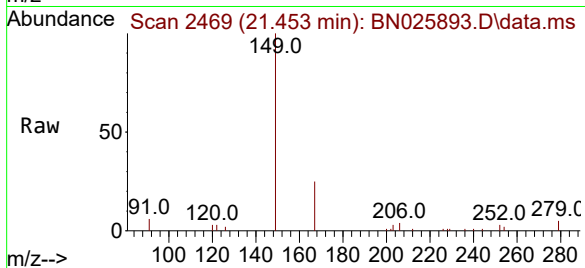




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.398 ng
 RT: 21.453 min Scan# 2469
 Delta R.T. 0.000 min
 Lab File: BN025893.D
 Acq: 17 Jun 2023 00:35

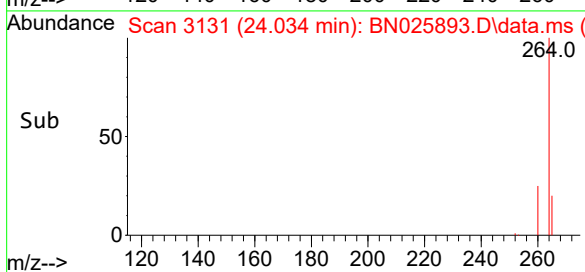
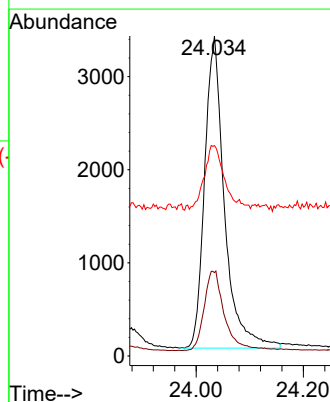
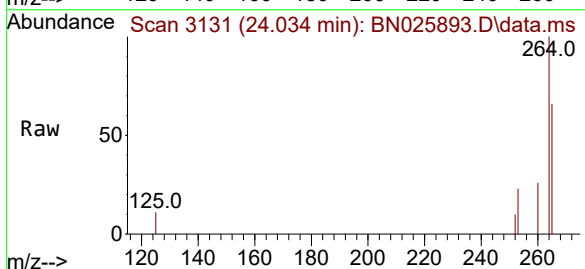
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-218-238-061623

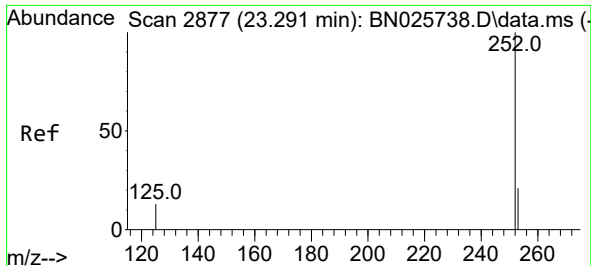
Tgt Ion:149 Resp: 7511
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.0 31.6
 279 3.0 2.2 3.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.034 min Scan# 3131
 Delta R.T. -0.006 min
 Lab File: BN025893.D
 Acq: 17 Jun 2023 00:35

Tgt Ion:264 Resp: 8572
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.4 32.2
 265 65.8 44.7 67.1

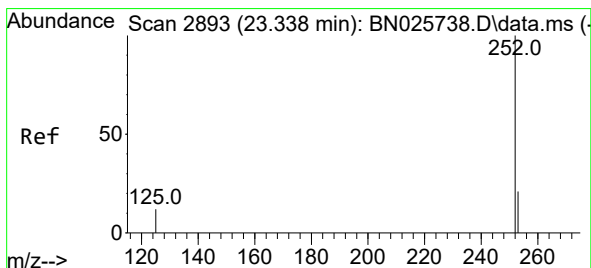
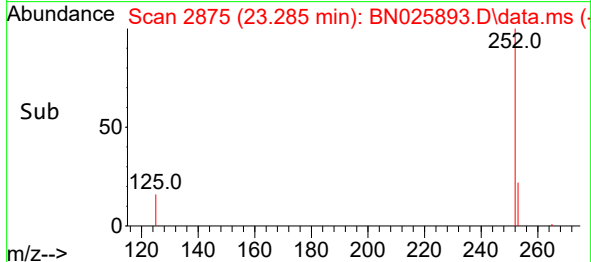
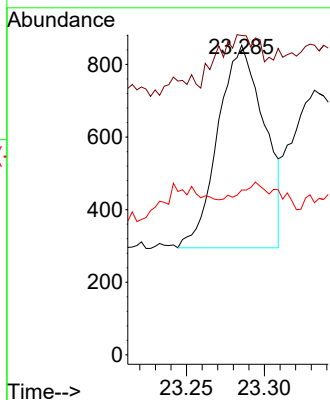
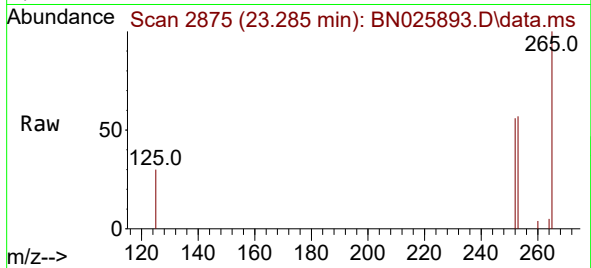




#37
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 23.285 min Scan# 2875
Delta R.T. 0.003 min
Lab File: BN025893.D
Acq: 17 Jun 2023 00:35

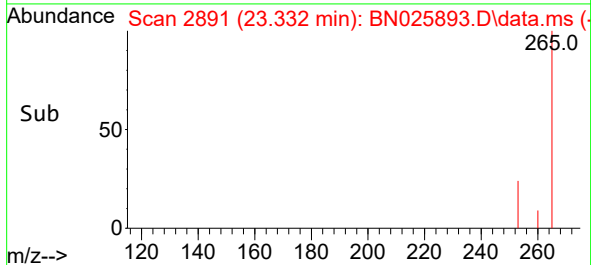
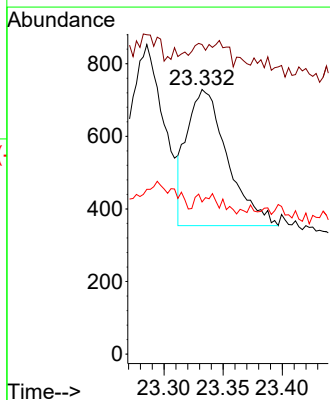
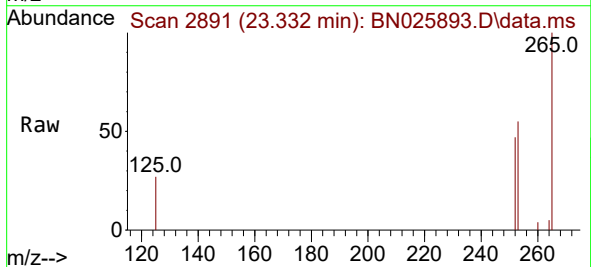
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-218-238-061623

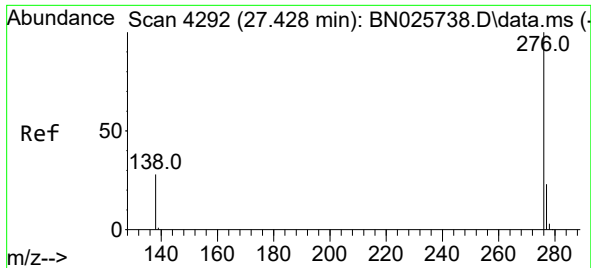
Tgt Ion:252 Resp: 1154
Ion Ratio Lower Upper
252 100
253 103.2 23.4 35.0#
125 53.2 12.3 18.5#



#38
Benzo(k)fluoranthene
Concen: 0.026 ng
RT: 23.332 min Scan# 2891
Delta R.T. 0.003 min
Lab File: BN025893.D
Acq: 17 Jun 2023 00:35

Tgt Ion:252 Resp: 895
Ion Ratio Lower Upper
252 100
253 117.0 24.2 36.4#
125 57.5 12.2 18.2#





#41

Benzo(g,h,i)perylene

Concen: 0.023 ng

RT: 27.425 min Scan# 41

Delta R.T. -0.012 min

Lab File: BN025893.D

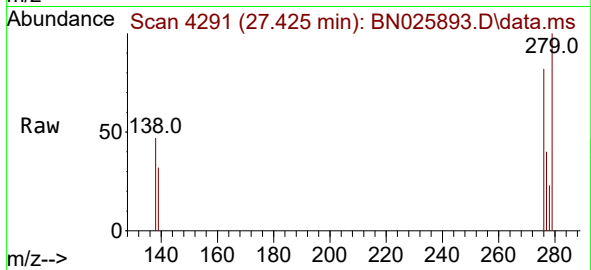
Acq: 17 Jun 2023 00:35

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-218-238-061623



Tgt Ion:276 Resp: 760

Ion Ratio Lower Upper

276 100

277 49.2 20.2 30.2#

138 57.1 24.2 36.4#

