

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062323\
 Data File : BN025967.D
 Acq On : 23 Jun 2023 14:30
 Operator : MA/JU
 Sample : 03378-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-306-326-062123

Quant Time: Jun 24 06:29:16 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 23 17:48:31 2023
 Response via : Initial Calibration

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

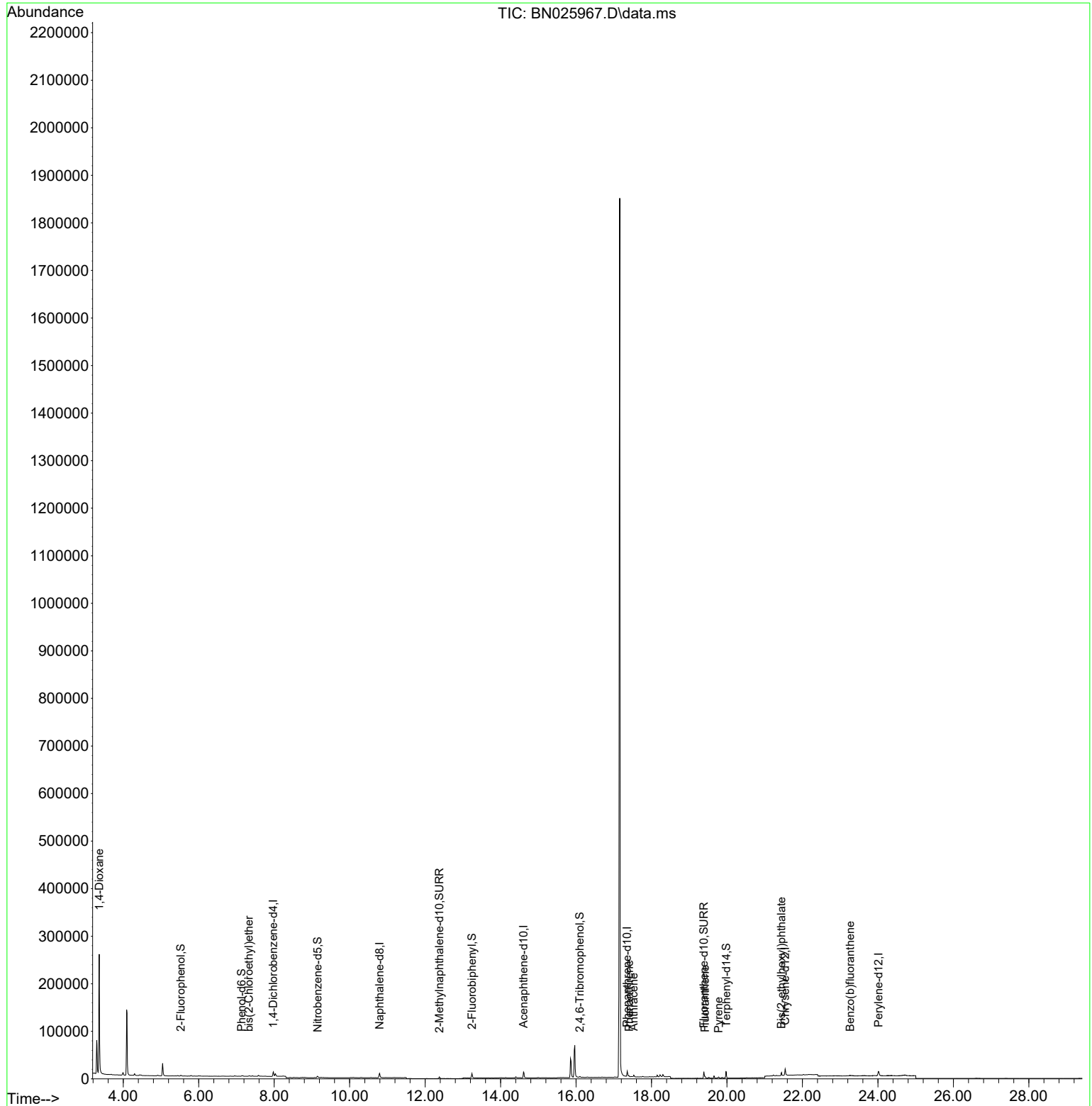
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	5552	0.400	ng	0.00
7) Naphthalene-d8	10.792	136	14452	0.400	ng	0.01
13) Acenaphthene-d10	14.608	164	7791	0.400	ng	0.00
19) Phenanthrene-d10	17.356	188	16185	0.400	ng	0.00
29) Chrysene-d12	21.542	240	13177	0.400	ng	# 0.00
35) Perylene-d12	24.016	264	14878	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.528	112	1605	0.103	ng	0.01
5) Phenol-d6	7.138	99	1107	0.058	ng	0.00
8) Nitrobenzene-d5	9.148	82	3473	0.259	ng	0.01
11) 2-Methylnaphthalene-d10	12.377	152	5657	0.272	ng	0.00
14) 2,4,6-Tribromophenol	16.102	330	1003	0.418	ng	0.00
15) 2-Fluorobiphenyl	13.240	172	9163	0.278	ng	0.00
27) Fluoranthene-d10	19.388	212	15095	0.453	ng	0.00
31) Terphenyl-d14	19.978	244	11663	0.365	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	152339	23.386	ng	# 92
6) bis(2-Chloroethyl)ether	7.326	93	376	0.022	ng	# 28
25) Phenanthrene	17.406	178	2629	0.053	ng	99
26) Anthracene	17.530	178	1583	0.035	ng	# 1
28) Fluoranthene	19.416	202	3052	0.062	ng	# 83
30) Pyrene	19.778	202	2085	0.028	ng	96
34) Bis(2-ethylhexyl)phtha...	21.444	149	6249	0.206	ng	# 98
37) Benzo(b)fluoranthene	23.262	252	1224	0.021	ng	# 1

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

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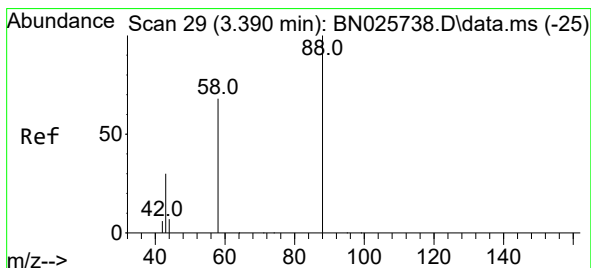
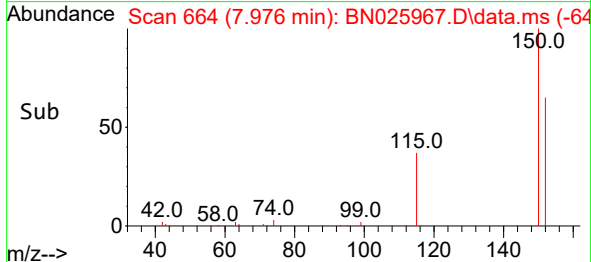
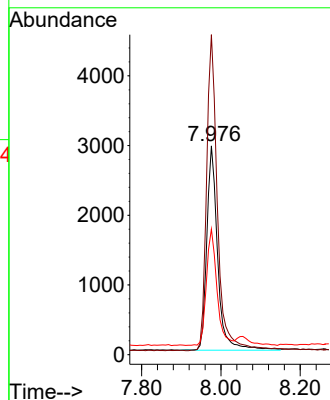
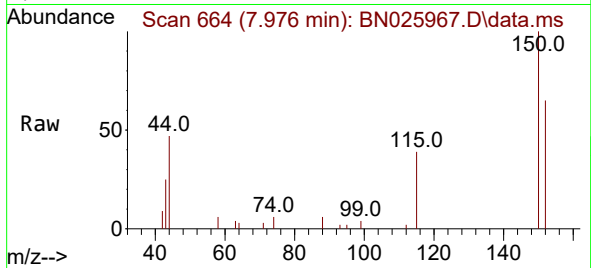




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.976 min Scan# 60
Delta R.T. 0.008 min
Lab File: BN025967.D
Acq: 23 Jun 2023 14:30

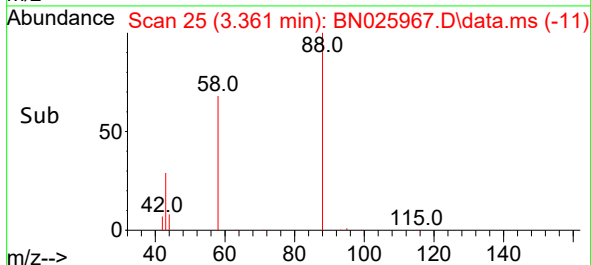
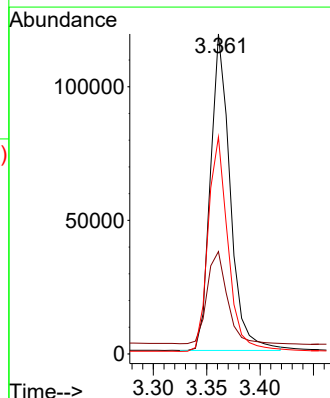
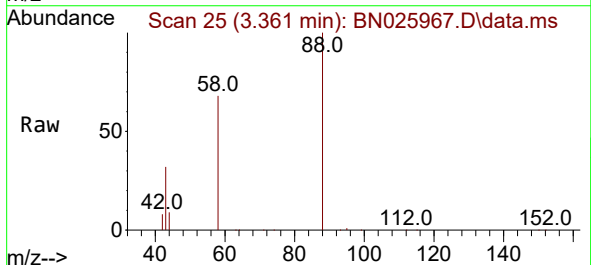
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-306-326-062123

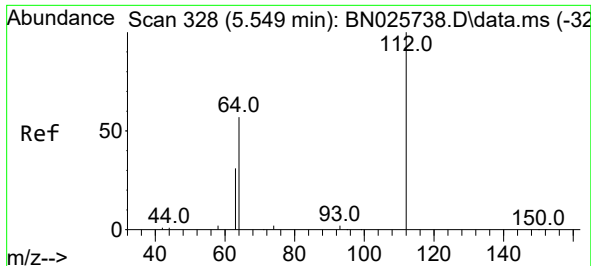
Tgt Ion:152 Resp: 5552
Ion Ratio Lower Upper
152 100
150 153.2 121.5 182.3
115 60.2 47.7 71.5



#2
1,4-Dioxane
Concen: 23.386 ng
RT: 3.361 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN025967.D
Acq: 23 Jun 2023 14:30

Tgt Ion: 88 Resp: 152339
Ion Ratio Lower Upper
88 100
43 29.8 31.0 46.4#
58 68.5 57.3 85.9

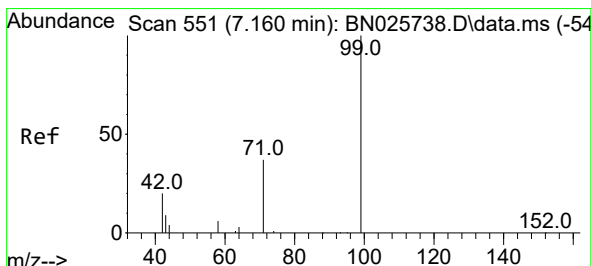
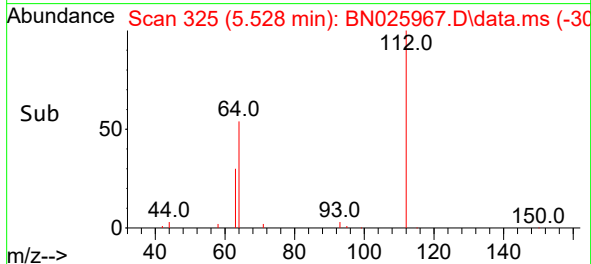
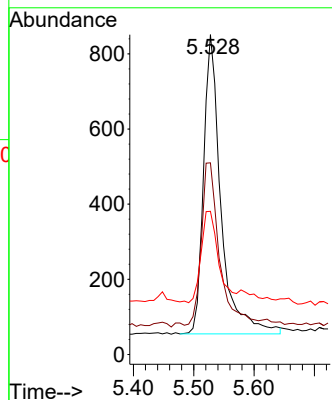
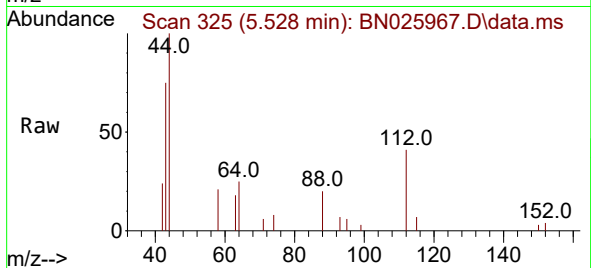




#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.528 min Scan# 31
Delta R.T. 0.015 min
Lab File: BN025967.D
Acq: 23 Jun 2023 14:30

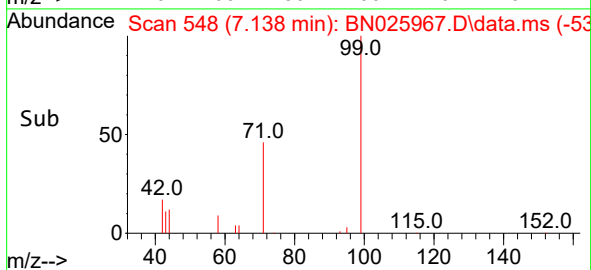
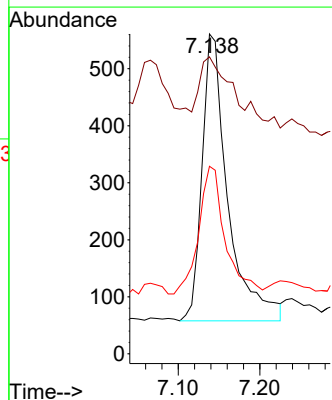
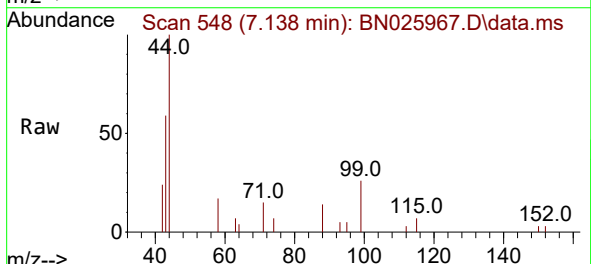
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-306-326-062123

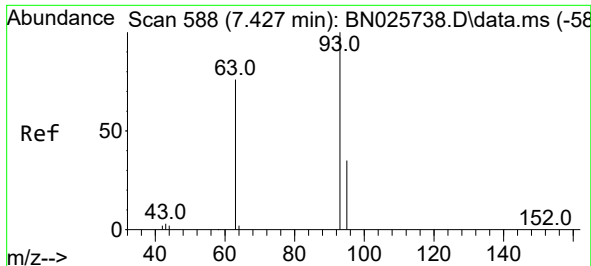
Tgt Ion:112 Resp: 1605
Ion Ratio Lower Upper
112 100
64 58.8 47.5 71.3
63 30.3 26.2 39.4



#5
Phenol-d6
Concen: 0.058 ng
RT: 7.138 min Scan# 548
Delta R.T. 0.008 min
Lab File: BN025967.D
Acq: 23 Jun 2023 14:30

Tgt Ion: 99 Resp: 1107
Ion Ratio Lower Upper
99 100
42 33.3 18.6 28.0#
71 45.3 30.5 45.7

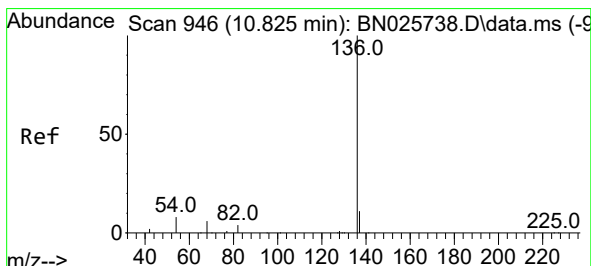
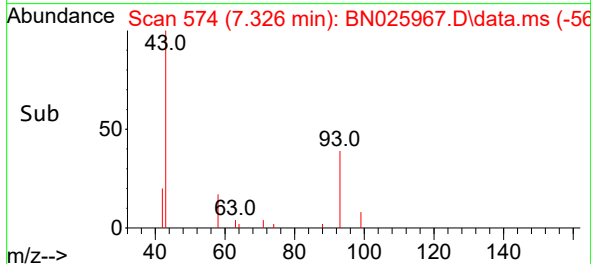
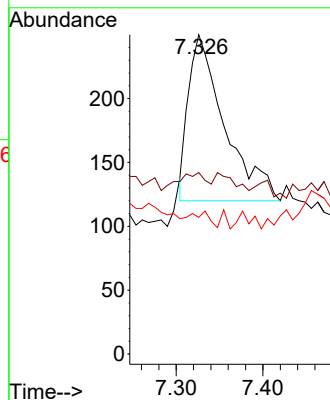
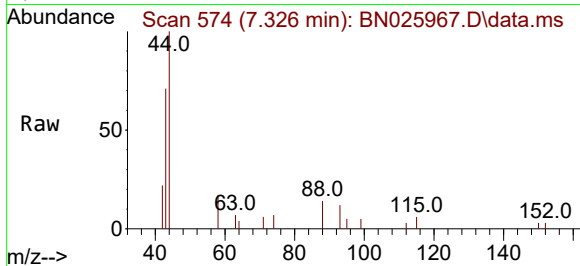




#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.326 min Scan# 51
Delta R.T. -0.057 min
Lab File: BN025967.D
Acq: 23 Jun 2023 14:30

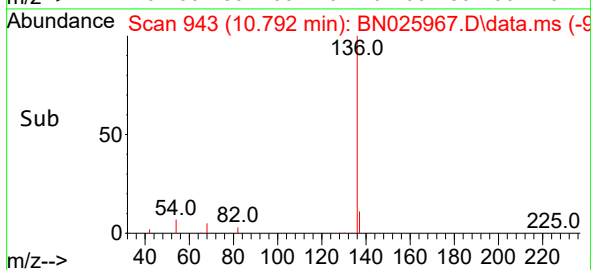
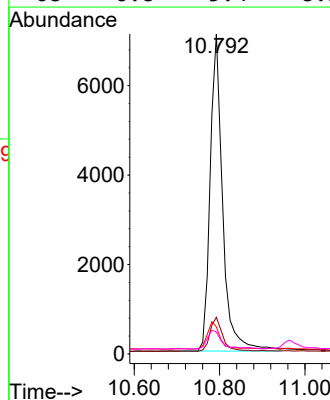
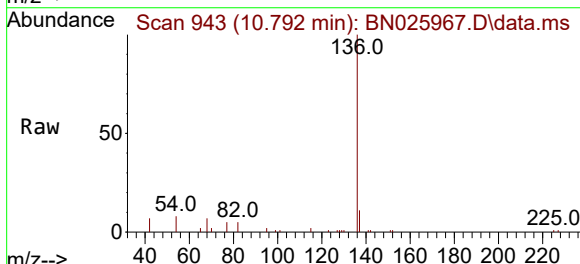
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-306-326-062123

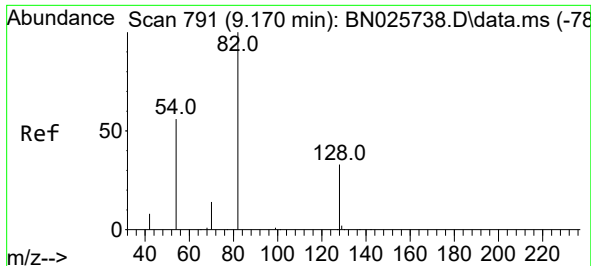
Tgt Ion: 93 Resp: 376
Ion Ratio Lower Upper
93 100
63 2.9 56.4 84.6#
95 4.3 24.6 37.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.792 min Scan# 943
Delta R.T. 0.011 min
Lab File: BN025967.D
Acq: 23 Jun 2023 14:30

Tgt Ion: 136 Resp: 14452
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 8.4 7.2 10.8
68 6.8 5.4 8.2

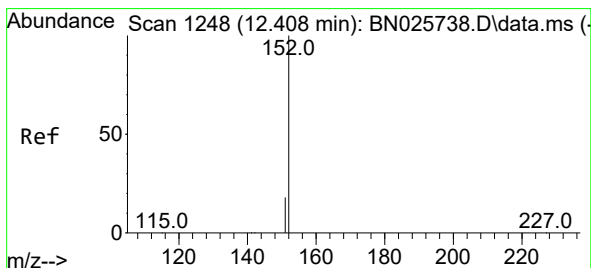
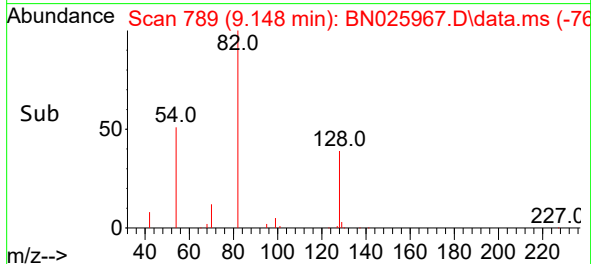
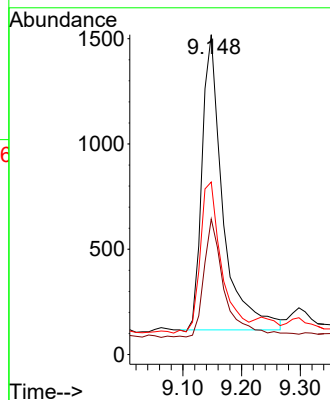
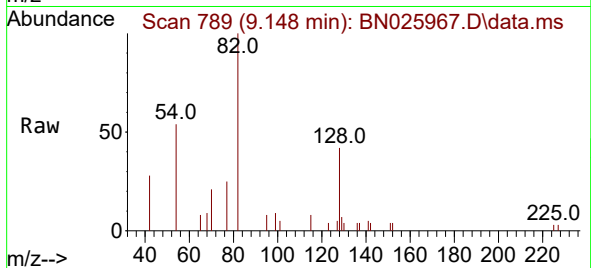




#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 9.148 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN025967.D
Acq: 23 Jun 2023 14:30

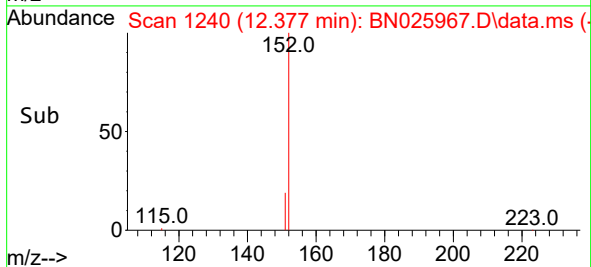
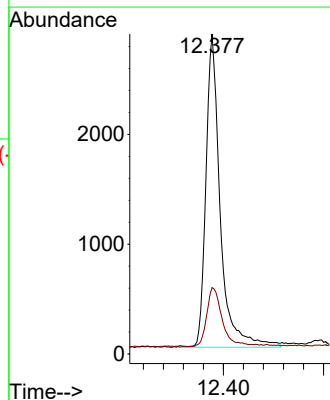
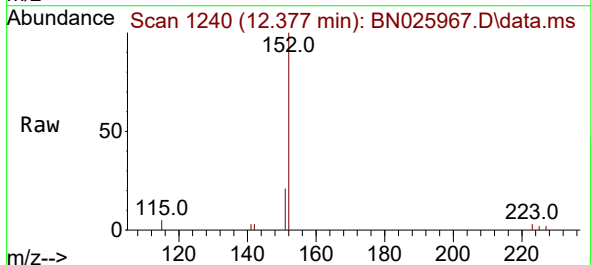
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-306-326-062123

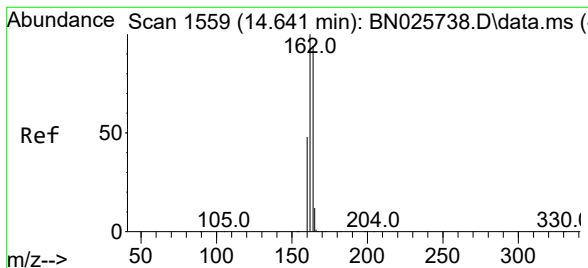
Tgt Ion: 82 Resp: 3473
Ion Ratio Lower Upper
82 100
128 42.4 27.6 41.4#
54 53.9 45.7 68.5



#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 12.377 min Scan# 1240
Delta R.T. 0.004 min
Lab File: BN025967.D
Acq: 23 Jun 2023 14:30

Tgt Ion: 152 Resp: 5657
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.608 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025967.D

Acq: 23 Jun 2023 14:30

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-306-326-062123

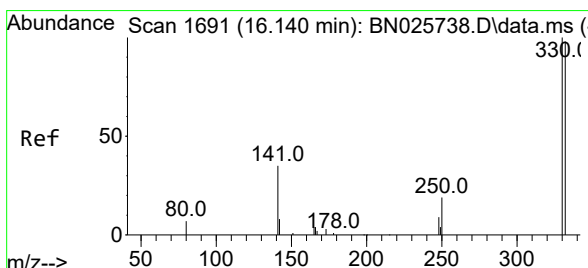
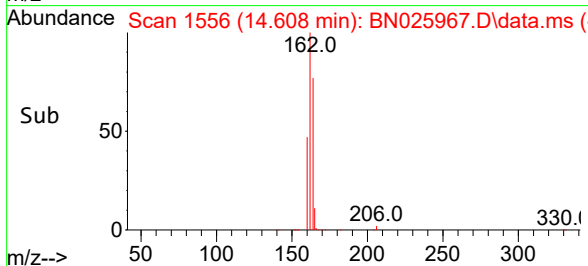
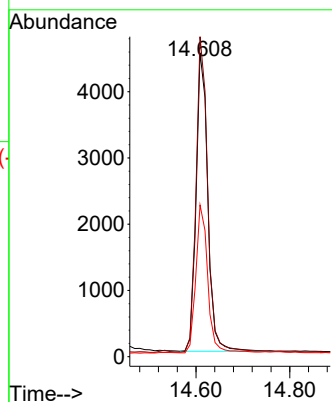
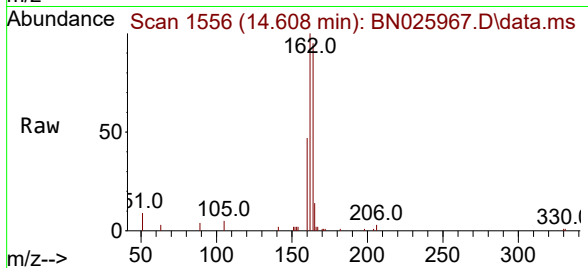
Tgt Ion:164 Resp: 7791

Ion Ratio Lower Upper

164 100

162 105.3 85.0 127.6

160 49.9 41.1 61.7



#14

2,4,6-Tribromophenol

Concen: 0.418 ng

RT: 16.102 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BN025967.D

Acq: 23 Jun 2023 14:30

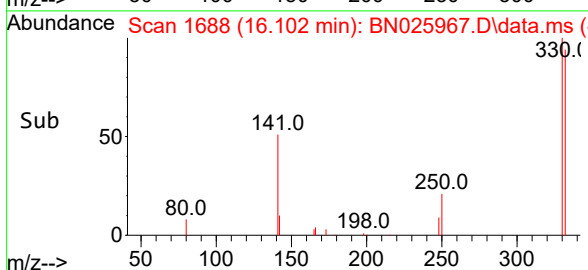
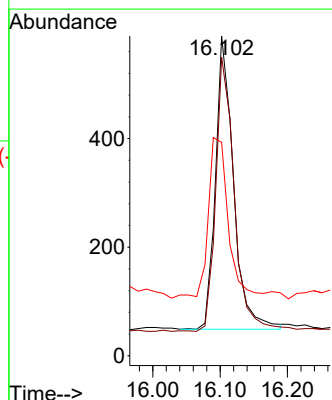
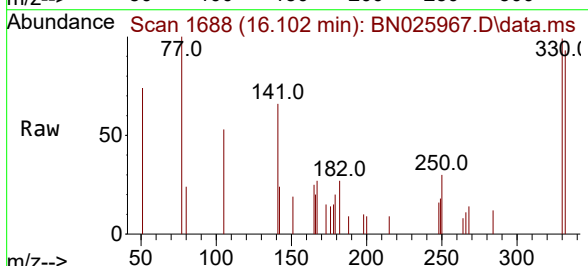
Tgt Ion:330 Resp: 1003

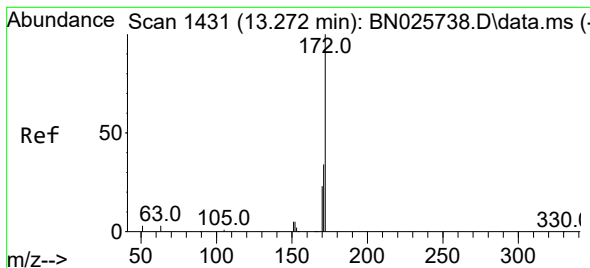
Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 63.9 55.0 82.6





#15

2-Fluorobiphenyl

Concen: 0.278 ng

RT: 13.240 min Scan# 1431

Delta R.T. 0.000 min

Lab File: BN025967.D

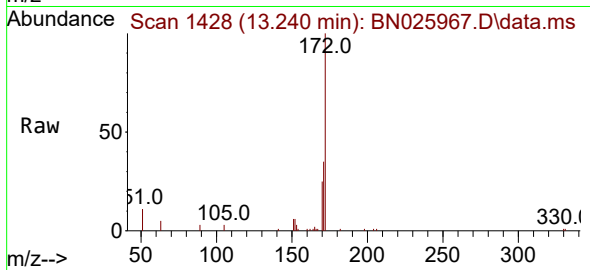
Acq: 23 Jun 2023 14:30

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-306-326-062123



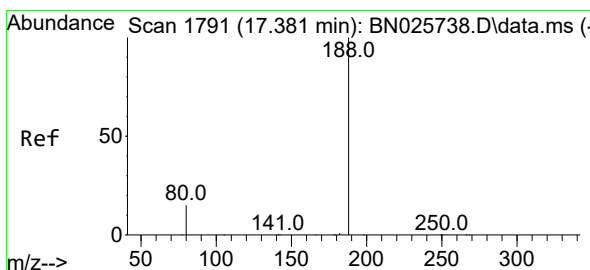
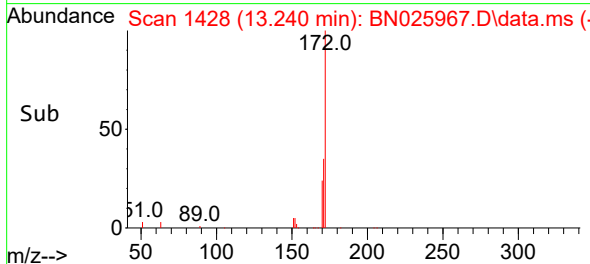
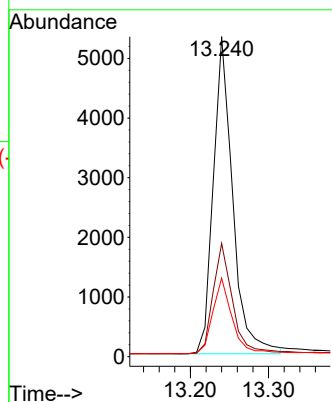
Tgt Ion:172 Resp: 9163

Ion Ratio Lower Upper

172 100

171 35.4 27.3 40.9

170 24.6 18.6 28.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.356 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BN025967.D

Acq: 23 Jun 2023 14:30

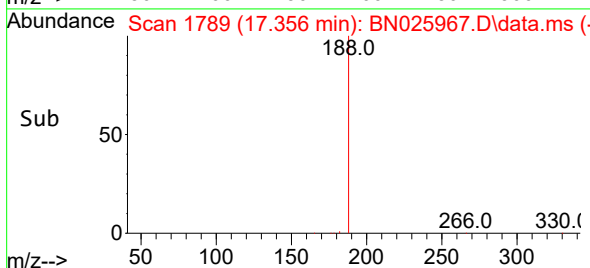
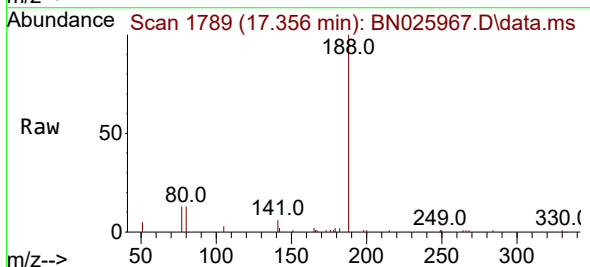
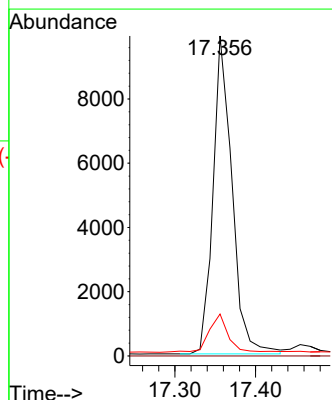
Tgt Ion:188 Resp: 16185

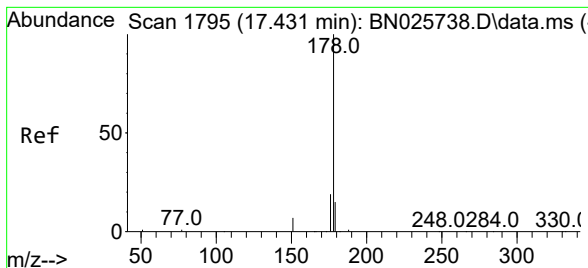
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 12.1 18.1





#25

Phenanthrene

Concen: 0.053 ng

RT: 17.406 min Scan# 1793

Delta R.T. 0.013 min

Lab File: BN025967.D

Acq: 23 Jun 2023 14:30

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-306-326-062123

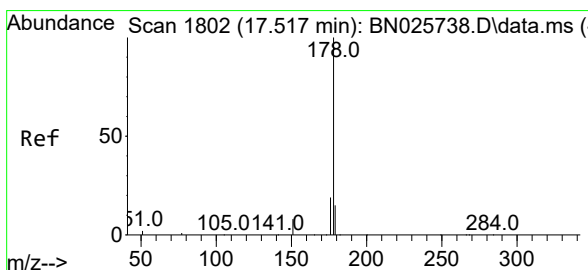
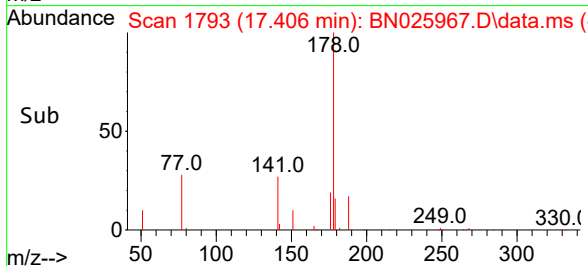
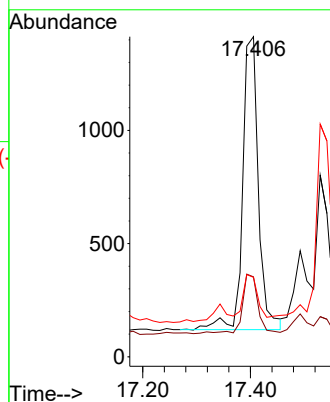
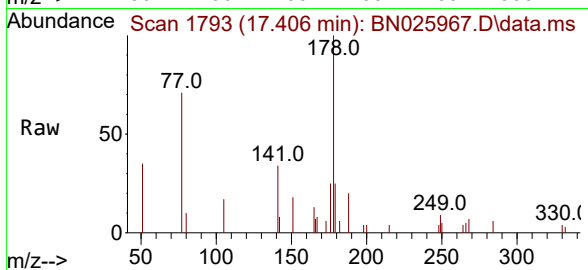
Tgt Ion:178 Resp: 2629

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

179 14.3 12.2 18.2



#26

Anthracene

Concen: 0.035 ng

RT: 17.530 min Scan# 1803

Delta R.T. 0.038 min

Lab File: BN025967.D

Acq: 23 Jun 2023 14:30

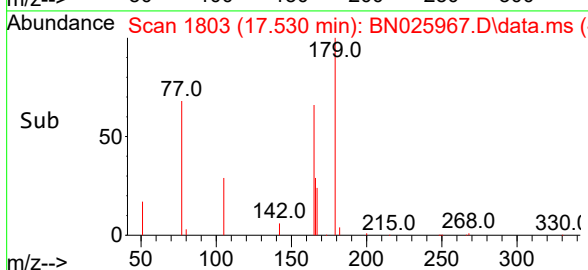
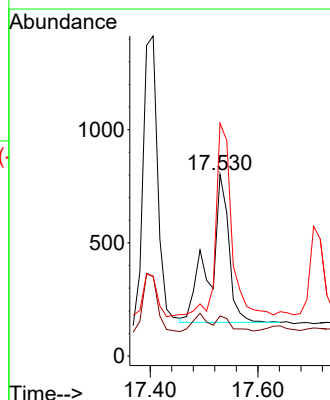
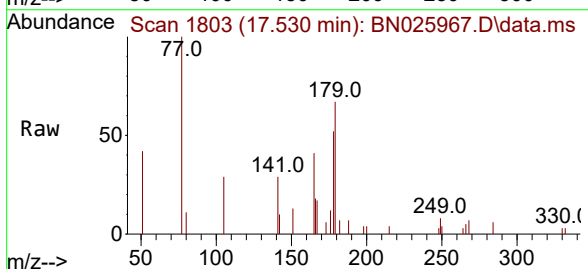
Tgt Ion:178 Resp: 1583

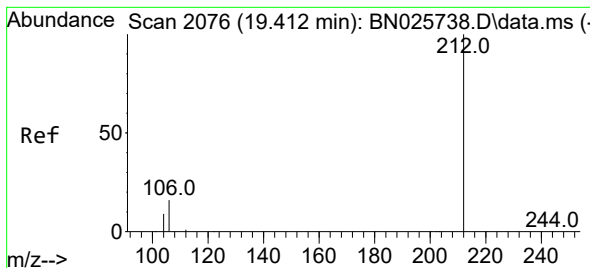
Ion Ratio Lower Upper

178 100

176 7.2 15.1 22.7#

179 107.6 12.2 18.2#





#27

Fluoranthene-d10

Concen: 0.453 ng

RT: 19.388 min Scan# 2076

Delta R.T. 0.000 min

Lab File: BN025967.D

Acq: 23 Jun 2023 14:30

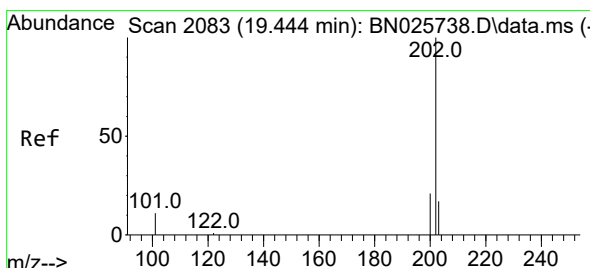
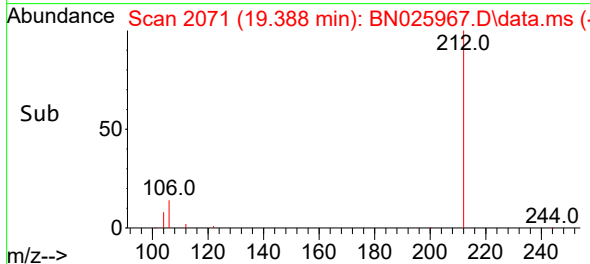
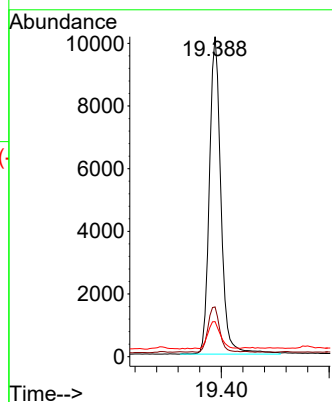
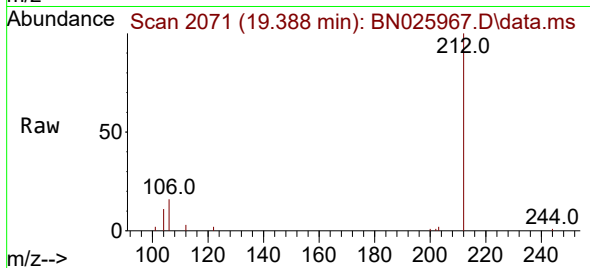
Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-306-326-062123

Tgt Ion:212	Resp:	15095
Ion Ratio	Lower	Upper
212	100	
106	14.2	13.0 19.6
104	9.3	7.7 11.5



#28

Fluoranthene

Concen: 0.062 ng

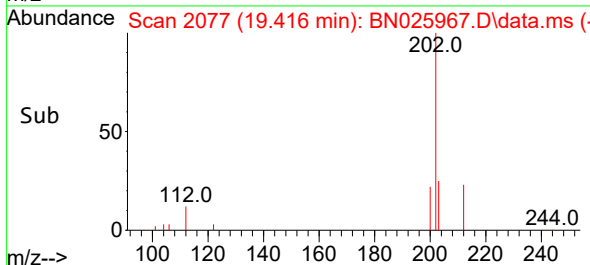
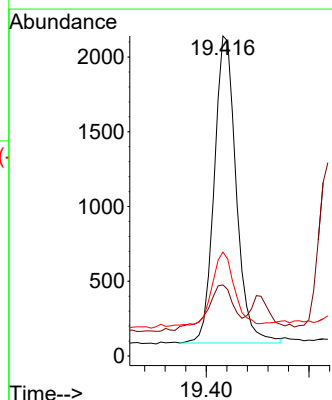
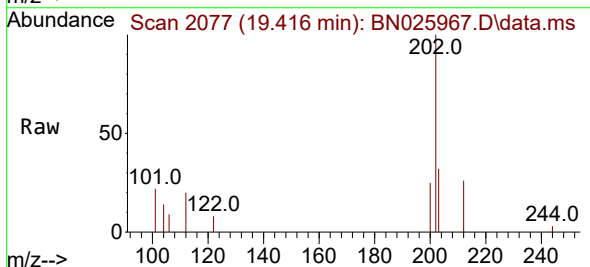
RT: 19.416 min Scan# 2077

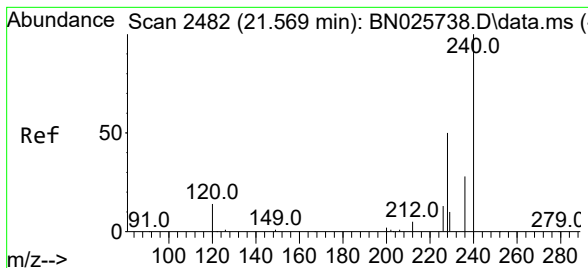
Delta R.T. -0.004 min

Lab File: BN025967.D

Acq: 23 Jun 2023 14:30

Tgt Ion:202	Resp:	3052
Ion Ratio	Lower	Upper
202	100	
101	18.7	9.8 14.8#
203	24.6	13.4 20.2#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.542 min Scan# 2479

Delta R.T. -0.009 min

Lab File: BN025967.D

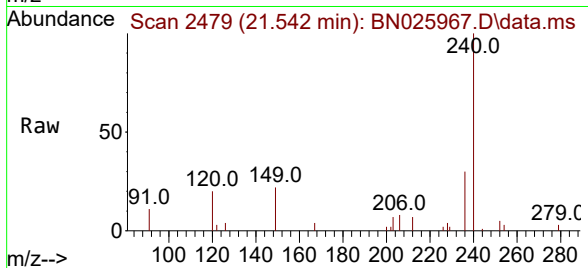
Acq: 23 Jun 2023 14:30

Instrument :

BNA_N

ClientSampleId :

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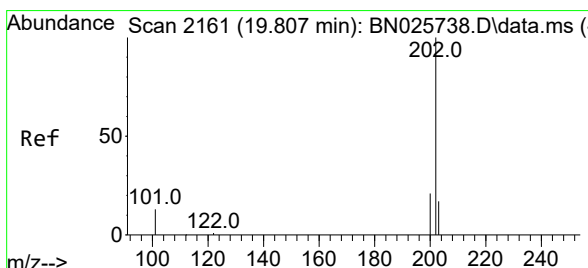
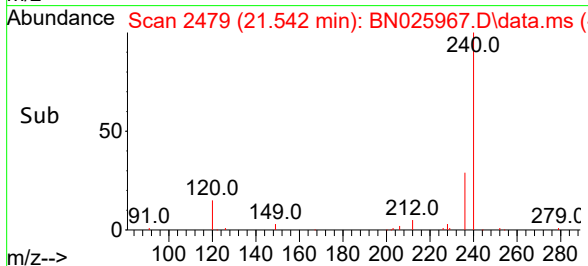
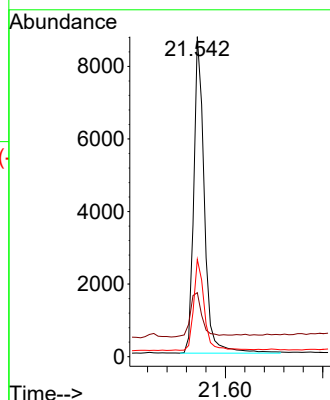
Tgt Ion:240 Resp: 13177

Ion Ratio Lower Upper

240 100

120 20.0 13.2 19.8#

236 30.4 23.1 34.7



#30

Pyrene

Concen: 0.028 ng

RT: 19.778 min Scan# 2155

Delta R.T. -0.004 min

Lab File: BN025967.D

Acq: 23 Jun 2023 14:30

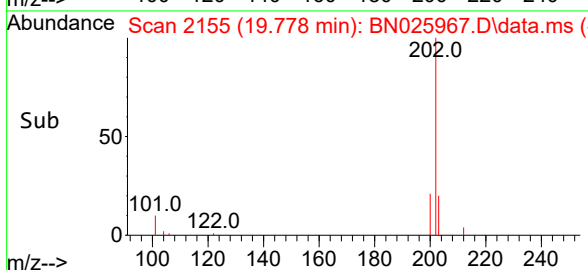
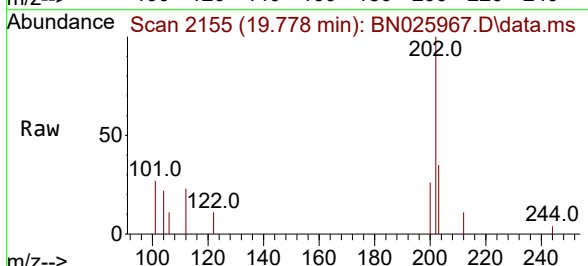
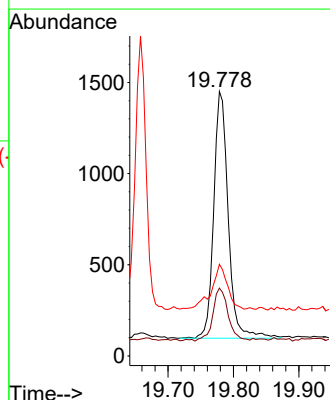
Tgt Ion:202 Resp: 2085

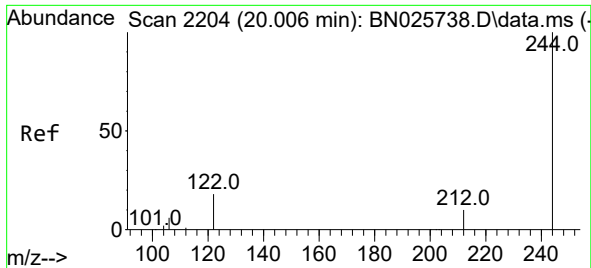
Ion Ratio Lower Upper

202 100

200 22.8 17.0 25.6

203 19.6 14.2 21.2

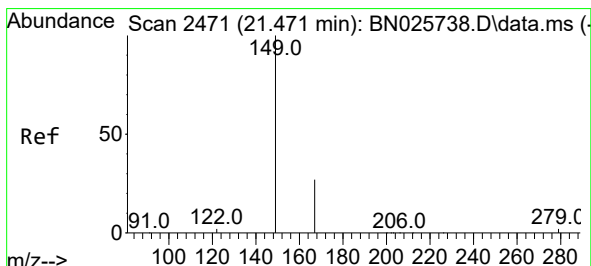
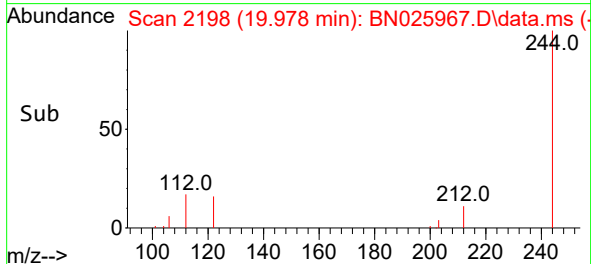
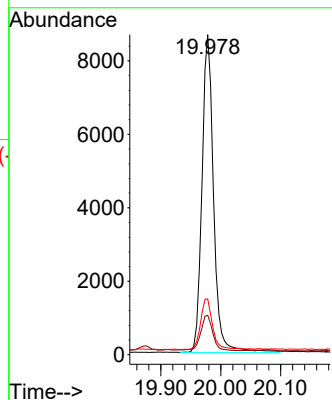
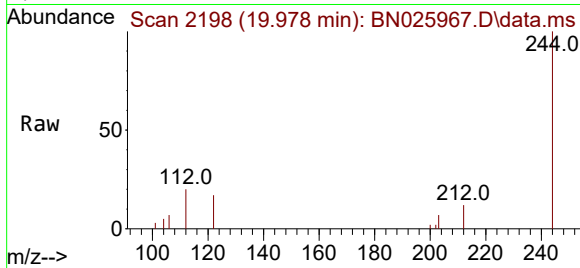




#31
 Terphenyl-d14
 Concen: 0.365 ng
 RT: 19.978 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN025967.D
 Acq: 23 Jun 2023 14:30

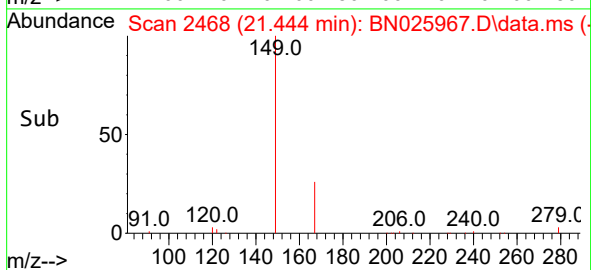
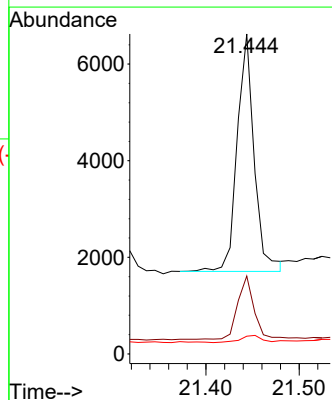
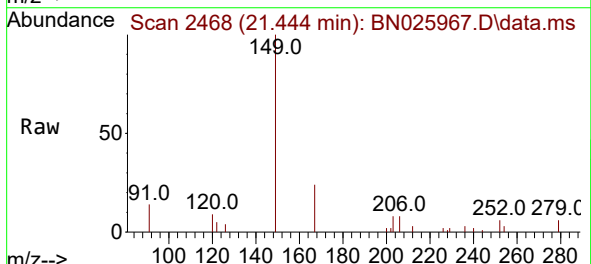
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-306-326-062123

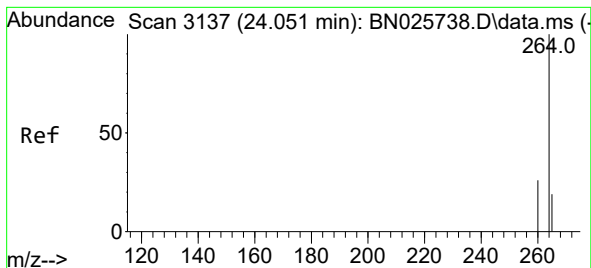
Tgt Ion:244 Resp: 11663
 Ion Ratio Lower Upper
 244 100
 212 12.3 8.6 12.8
 122 17.4 15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.206 ng
 RT: 21.444 min Scan# 2468
 Delta R.T. -0.009 min
 Lab File: BN025967.D
 Acq: 23 Jun 2023 14:30

Tgt Ion:149 Resp: 6249
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.6
 279 3.7 2.2 3.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.016 min Scan# 31

Delta R.T. -0.014 min

Lab File: BN025967.D

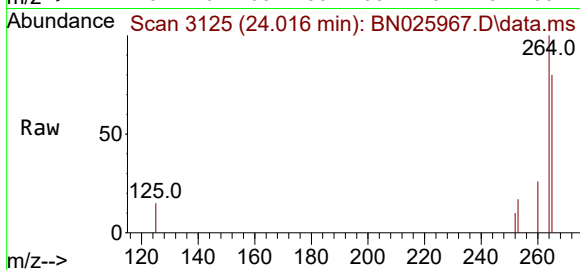
Acq: 23 Jun 2023 14:30

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-306-326-062123



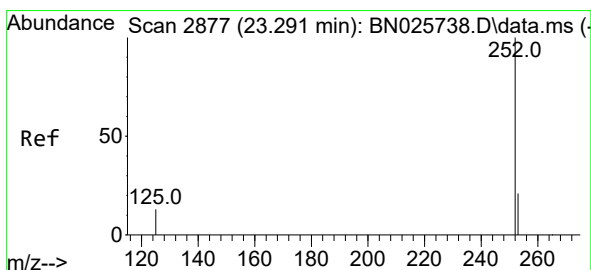
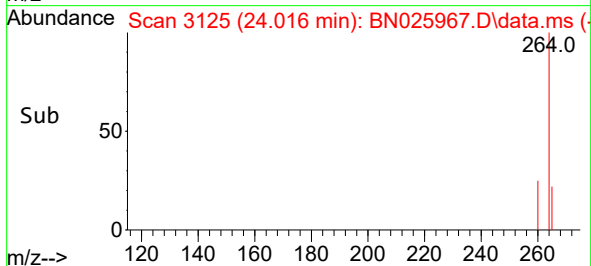
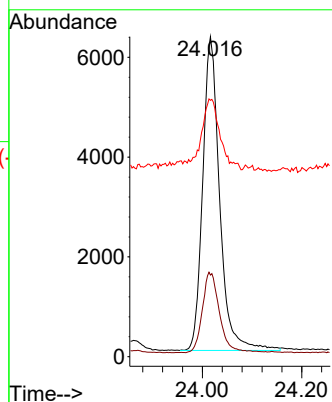
Tgt Ion:264 Resp: 14878

Ion Ratio Lower Upper

264 100

260 25.5 21.4 32.2

265 80.1 44.7 67.1#



#37

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 23.262 min Scan# 2867

Delta R.T. -0.011 min

Lab File: BN025967.D

Acq: 23 Jun 2023 14:30

Tgt Ion:252 Resp: 1224

Ion Ratio Lower Upper

252 100

253 100.3 23.4 35.0#

125 88.1 12.3 18.5#

