

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062823\
 Data File : BN026052.D
 Acq On : 28 Jun 2023 10:54
 Operator : MA/JU
 Sample : 03408-02DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-390-410-062323DL

Quant Time: Jun 29 00:10:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 05:23:31 2023
 Response via : Initial Calibration

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

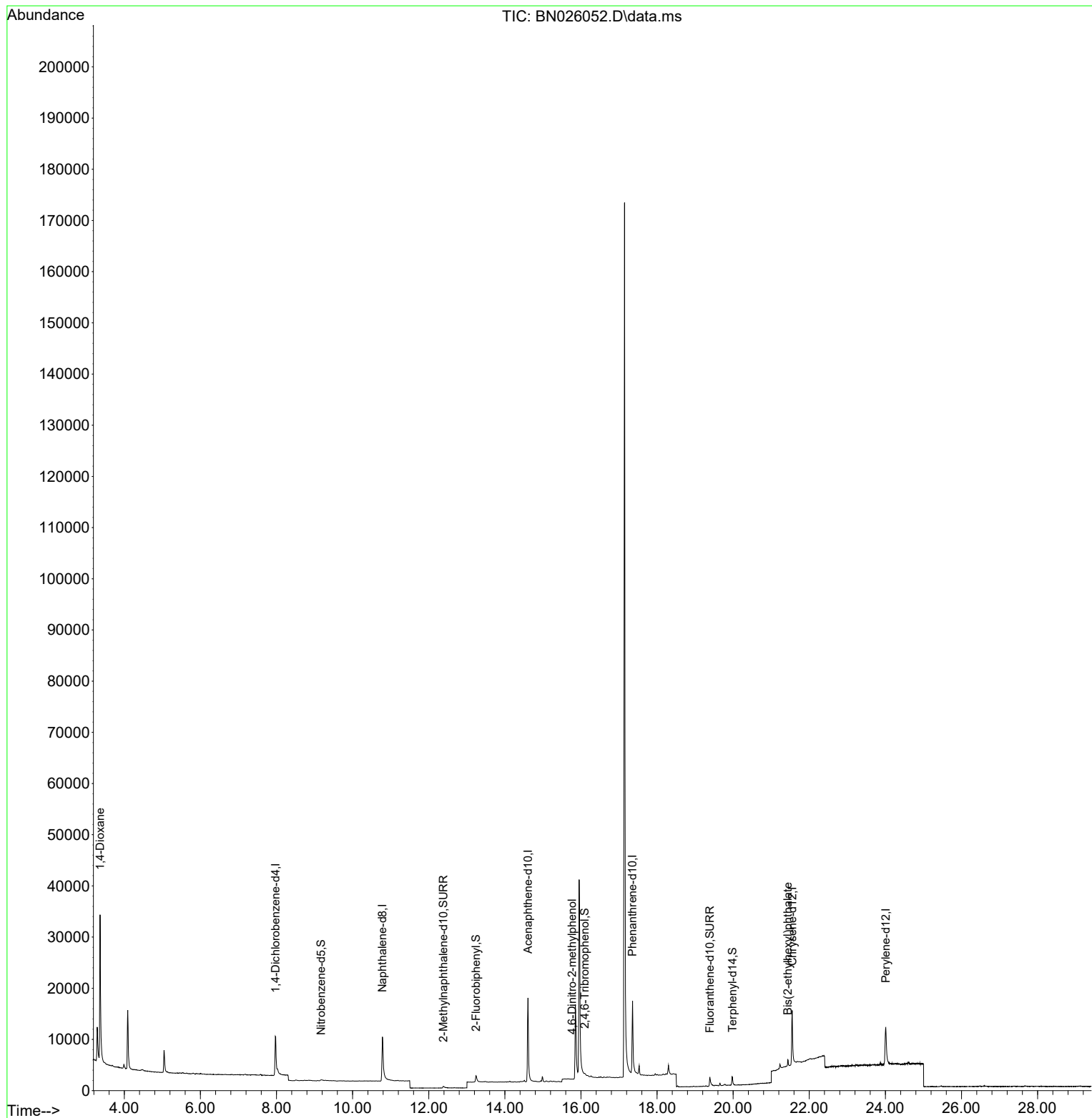
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	5691	0.400	ng	0.00
7) Naphthalene-d8	10.782	136	17587	0.400	ng	0.00
13) Acenaphthene-d10	14.609	164	11401	0.400	ng	0.00
19) Phenanthrene-d10	17.356	188	24359	0.400	ng	0.00
29) Chrysene-d12	21.551	240	13936	0.400	ng	0.00
35) Perylene-d12	24.010	264	13248	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.535	112	209	0.015	ng	0.00
5) Phenol-d6	7.153	99	145	0.008	ng	0.01
8) Nitrobenzene-d5	9.170	82	380	0.025	ng	0.02
11) 2-Methylnaphthalene-d10	12.385	152	991	0.039	ng	0.01
14) 2,4,6-Tribromophenol	16.102	330	177	0.043	ng	0.00
15) 2-Fluorobiphenyl	13.240	172	1958	0.044	ng	0.00
27) Fluoranthene-d10	19.388	212	2617	0.051	ng	0.00
31) Terphenyl-d14	19.978	244	2095	0.059	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.361	88	21547	3.579	ng	Qvalue 97
20) 4,6-Dinitro-2-methylph...	15.767	198	2	0.059	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.435	149	1579	0.035	ng	# 95

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

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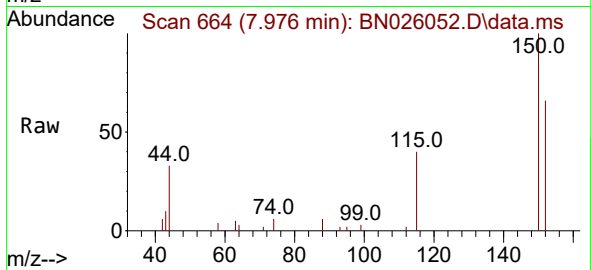
Quant Time: Jun 29 00:10:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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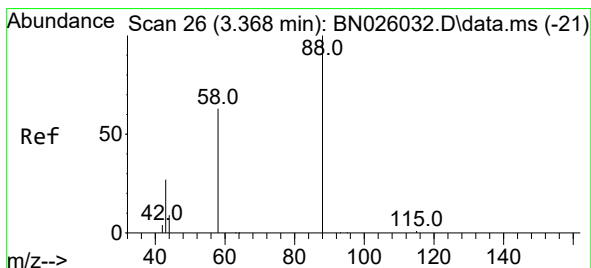
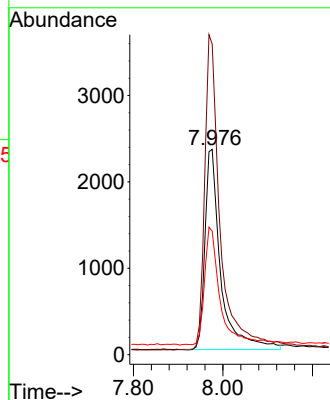
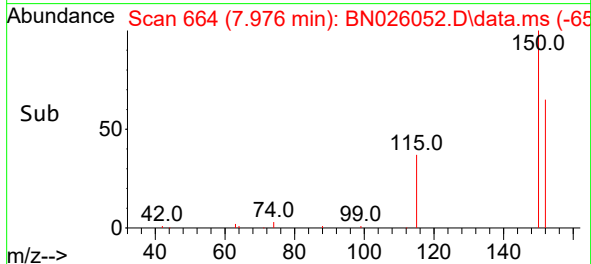


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.976 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-390-410-062323DL

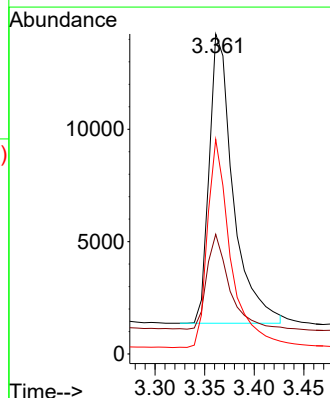
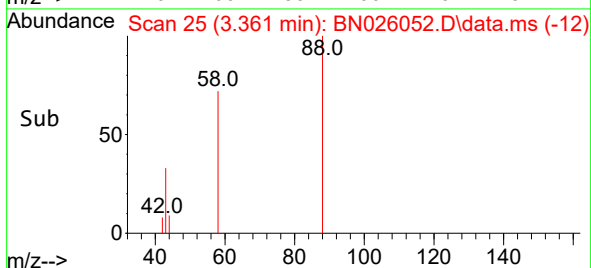
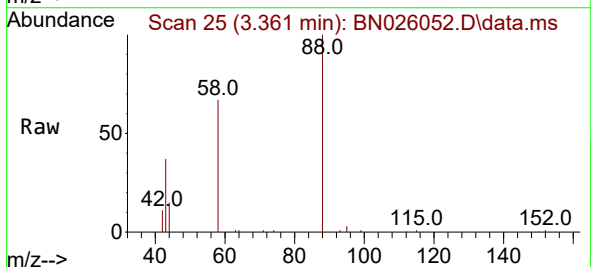


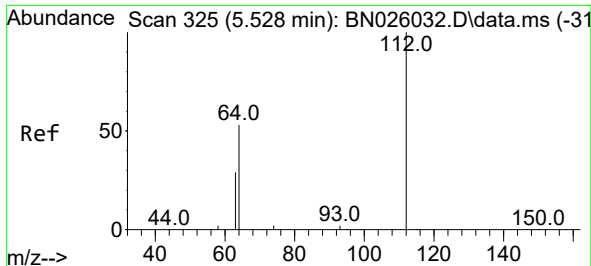
Tgt Ion:152 Resp: 5691
Ion Ratio Lower Upper
152 100
150 151.3 124.7 187.1
115 60.2 48.2 72.4



#2
1,4-Dioxane
Concen: 3.579 ng
RT: 3.361 min Scan# 25
Delta R.T. -0.007 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

Tgt Ion: 88 Resp: 21547
Ion Ratio Lower Upper
88 100
43 31.1 24.2 36.4
58 70.0 53.3 79.9

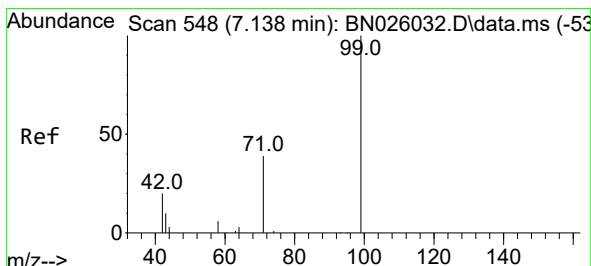
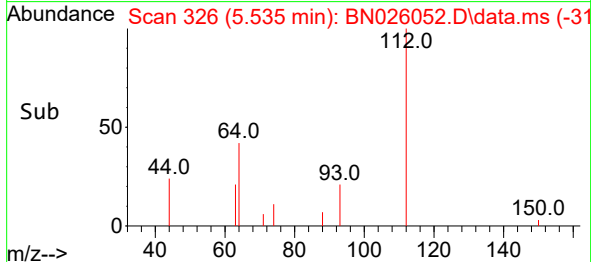
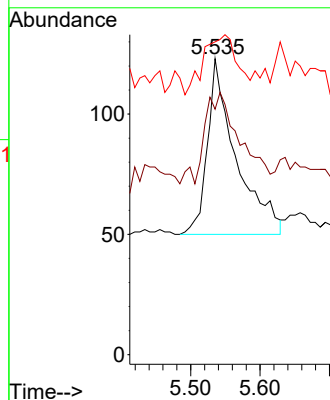
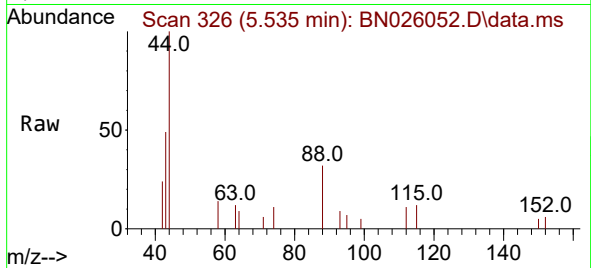




#4
2-Fluorophenol
Concen: 0.015 ng
RT: 5.535 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

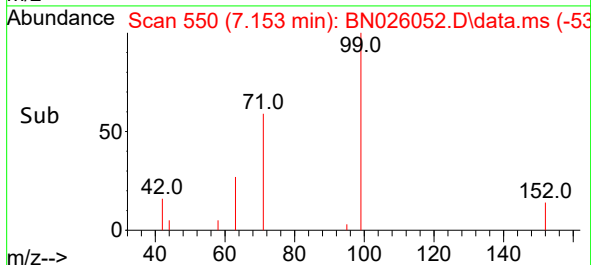
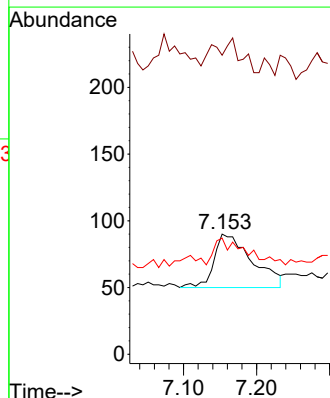
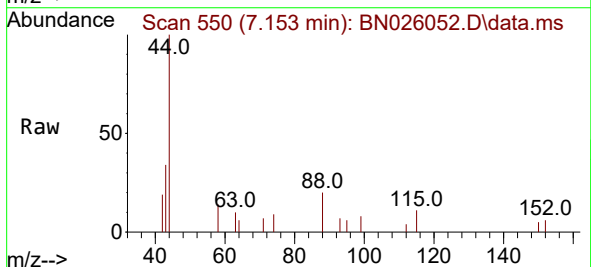
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-390-410-062323DL

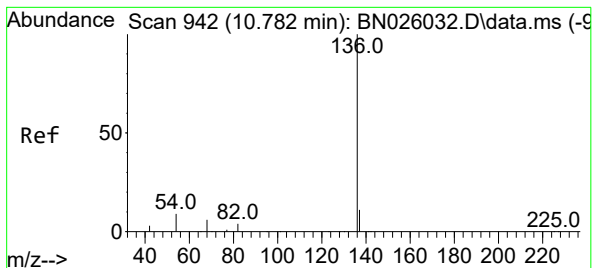
Tgt Ion:112 Resp: 209
Ion Ratio Lower Upper
112 100
64 64.1 45.8 68.6
63 40.2 27.4 41.2



#5
Phenol-d6
Concen: 0.008 ng
RT: 7.153 min Scan# 550
Delta R.T. 0.015 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

Tgt Ion: 99 Resp: 145
Ion Ratio Lower Upper
99 100
42 13.8 18.4 27.6#
71 37.2 30.6 46.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.782 min Scan# 94

Delta R.T. 0.000 min

Lab File: BN026052.D

Acq: 28 Jun 2023 10:54

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-390-410-062323DL

Tgt Ion:136 Resp: 17587

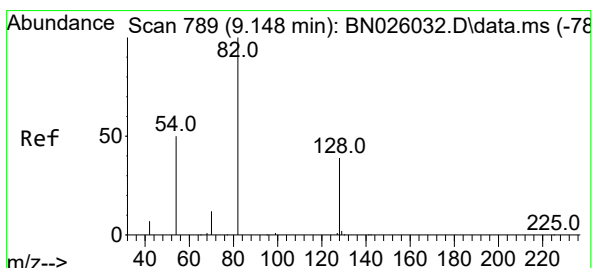
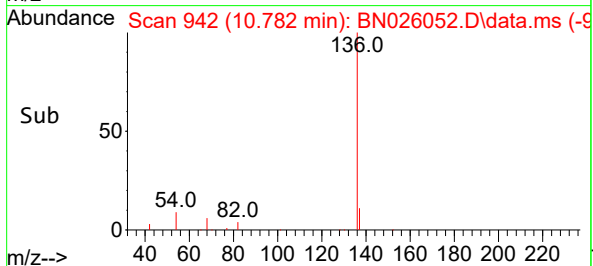
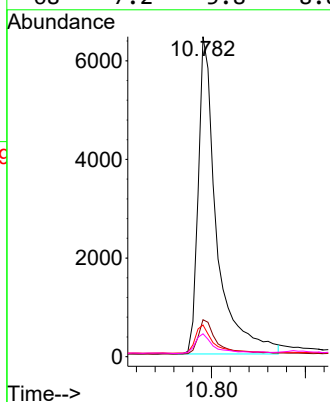
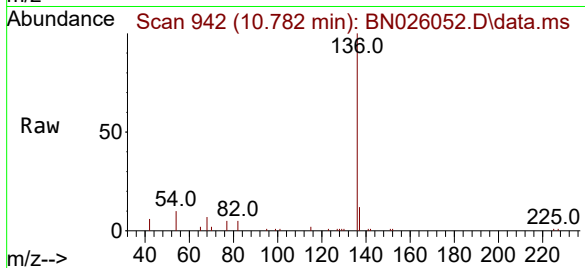
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 9.9 7.8 11.6

68 7.2 5.8 8.8



#8

Nitrobenzene-d5

Concen: 0.025 ng

RT: 9.170 min Scan# 791

Delta R.T. 0.022 min

Lab File: BN026052.D

Acq: 28 Jun 2023 10:54

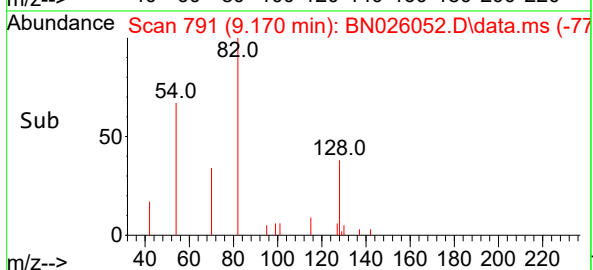
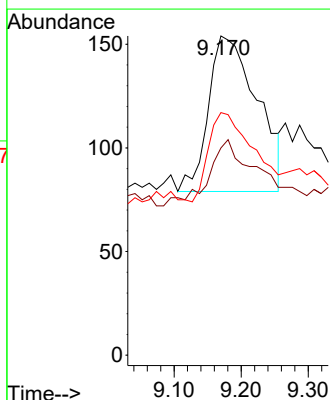
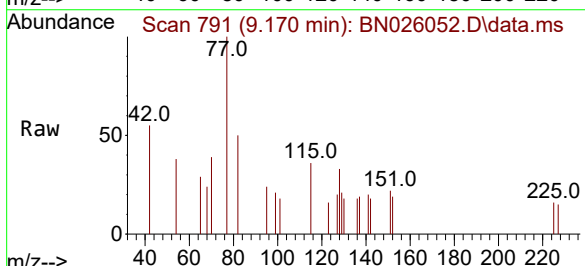
Tgt Ion: 82 Resp: 380

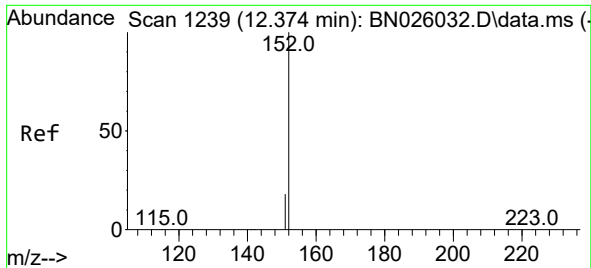
Ion Ratio Lower Upper

82 100

128 64.9 33.4 50.2#

54 76.0 41.7 62.5#

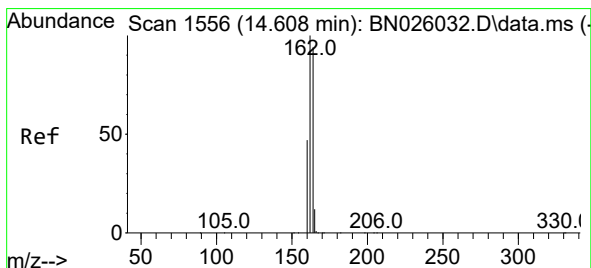
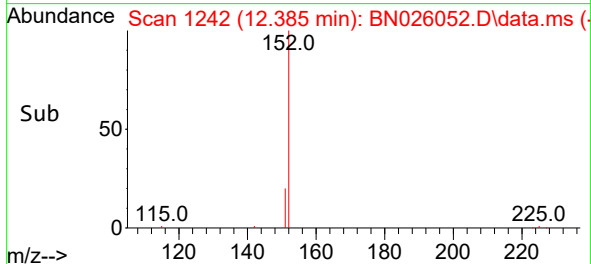
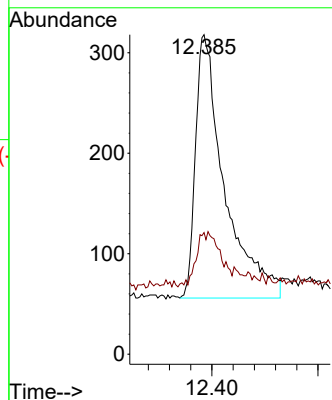
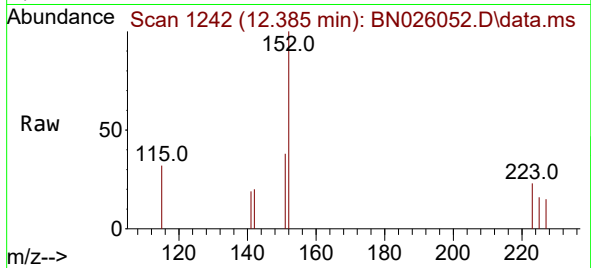




#11
2-Methylnaphthalene-d10
Concen: 0.039 ng
RT: 12.385 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

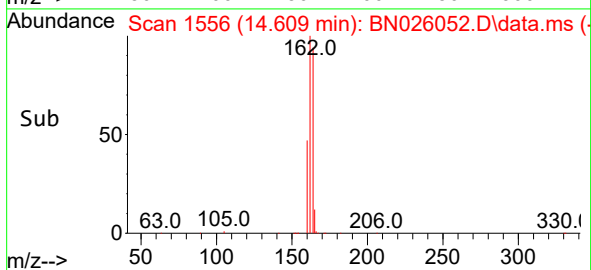
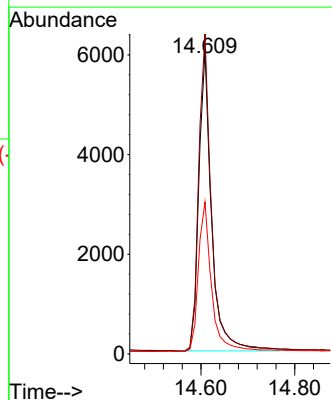
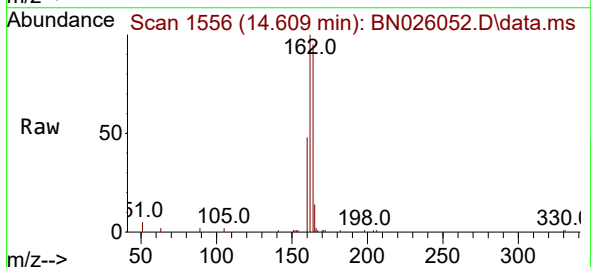
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-390-410-062323DL

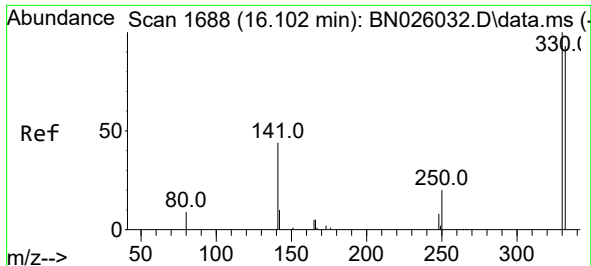
Tgt Ion:152 Resp: 991
Ion Ratio Lower Upper
152 100
151 7.6 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.609 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

Tgt Ion:164 Resp: 11401
Ion Ratio Lower Upper
164 100
162 105.6 85.3 127.9
160 50.2 40.0 60.0

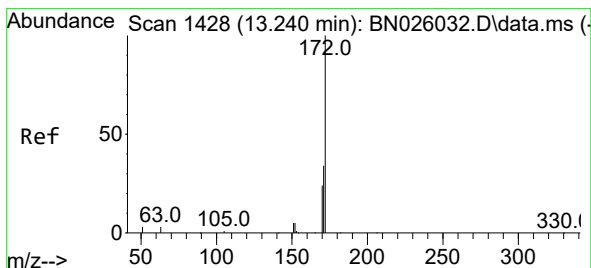
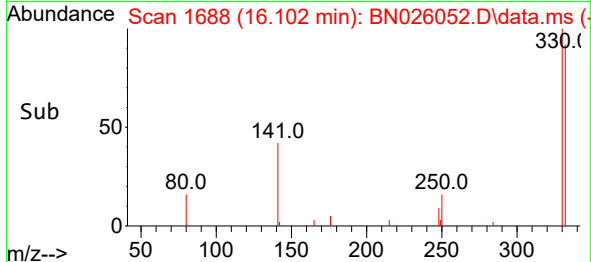
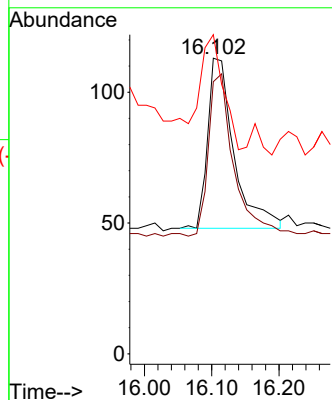
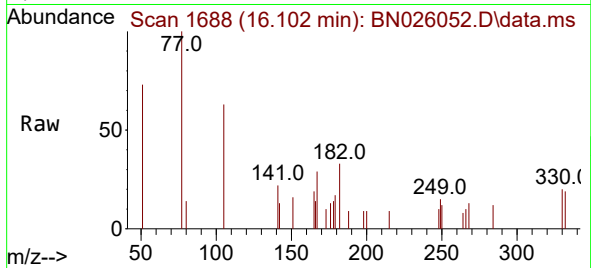




#14
2,4,6-Tribromophenol
Concen: 0.043 ng
RT: 16.102 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

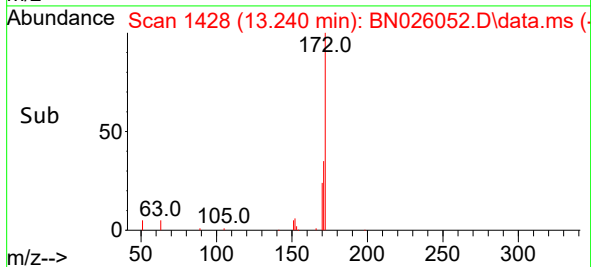
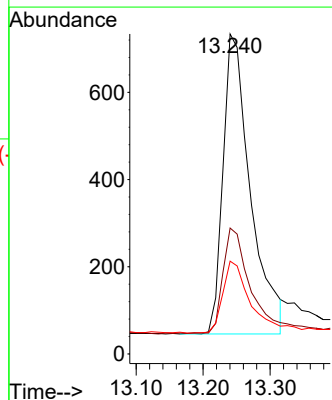
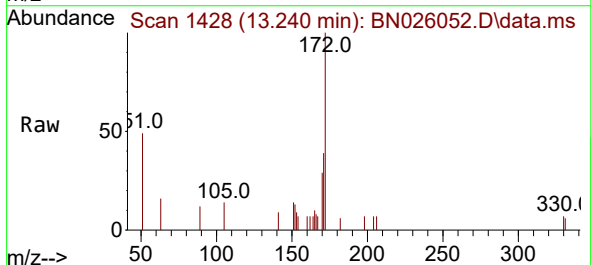
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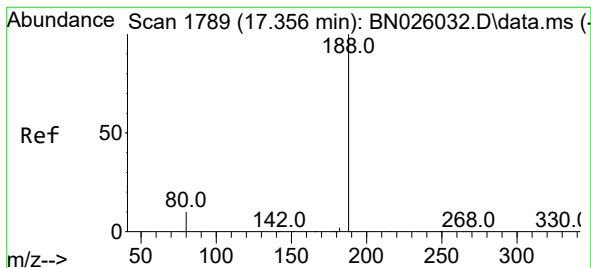
Tgt Ion: 330 Resp: 177
Ion Ratio Lower Upper
330 100
332 92.7 76.0 114.0
141 55.9 42.8 64.2



#15
2-Fluorobiphenyl
Concen: 0.044 ng
RT: 13.240 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BN026052.D
Acq: 28 Jun 2023 10:54

Tgt Ion: 172 Resp: 1958
Ion Ratio Lower Upper
172 100
171 39.4 27.8 41.8
170 29.0 19.3 28.9#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.356 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN026052.D

Acq: 28 Jun 2023 10:54

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-390-410-062323DL

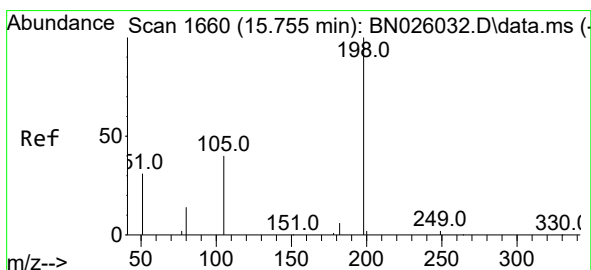
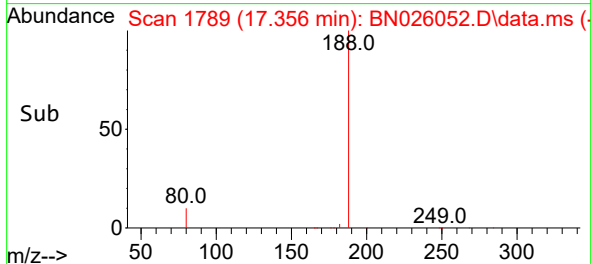
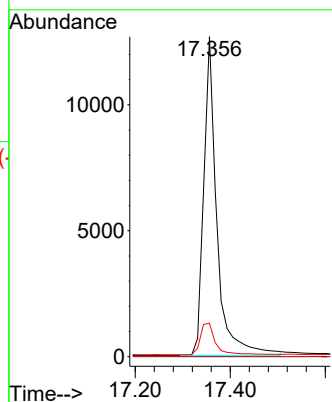
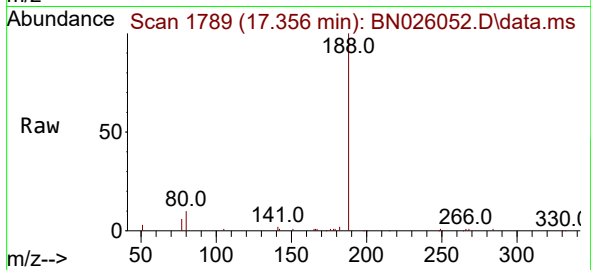
Tgt Ion:188 Resp: 24359

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 8.6 13.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.059 ng

RT: 15.767 min Scan# 1661

Delta R.T. 0.012 min

Lab File: BN026052.D

Acq: 28 Jun 2023 10:54

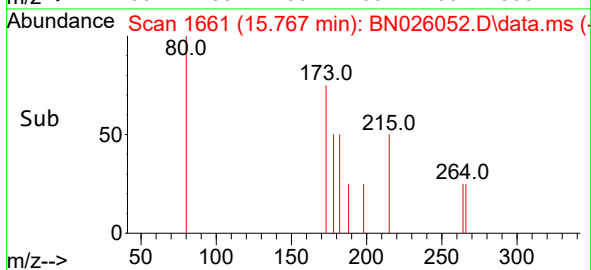
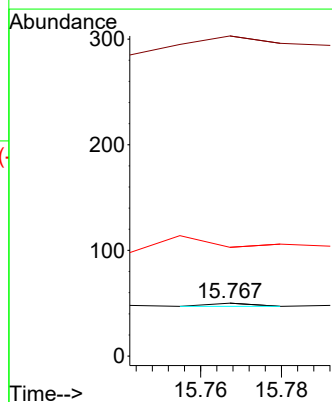
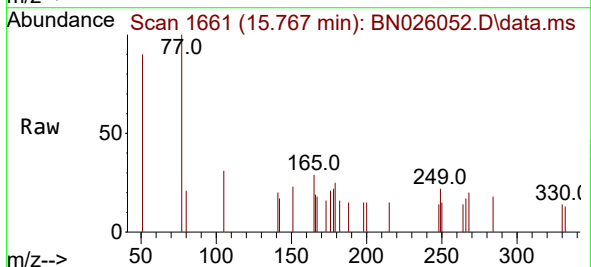
Tgt Ion:198 Resp: 2

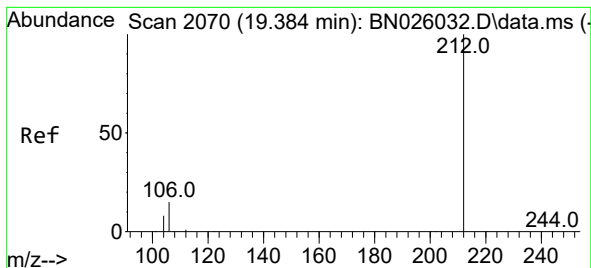
Ion Ratio Lower Upper

198 100

51 606.0 85.8 128.8#

105 206.0 48.2 72.2#





#27

Fluoranthene-d10

Concen: 0.051 ng

RT: 19.388 min Scan# 2071

Delta R.T. 0.005 min

Lab File: BN026052.D

Acq: 28 Jun 2023 10:54

Instrument :

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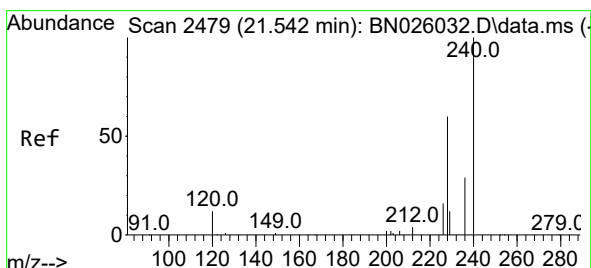
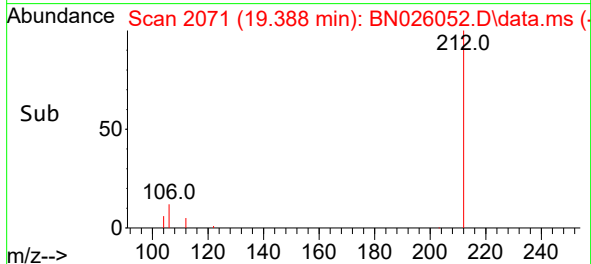
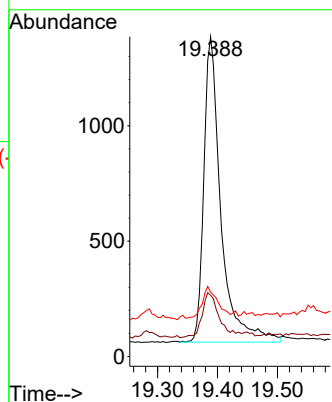
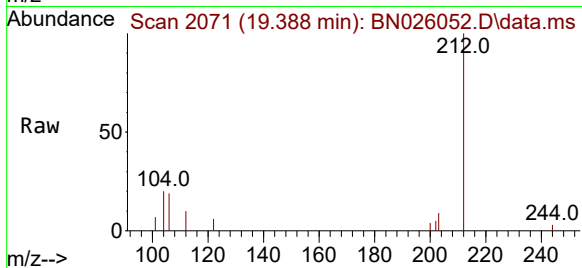
Tgt Ion:212 Resp: 2617

Ion Ratio Lower Upper

212 100

106 14.9 11.6 17.4

104 9.0 7.2 10.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.551 min Scan# 2480

Delta R.T. 0.009 min

Lab File: BN026052.D

Acq: 28 Jun 2023 10:54

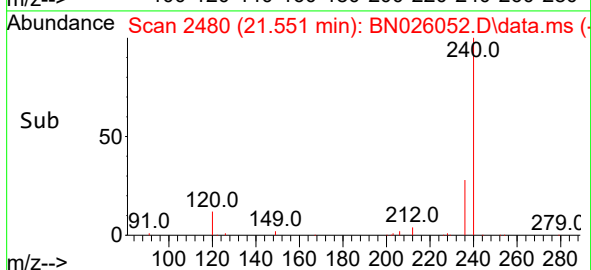
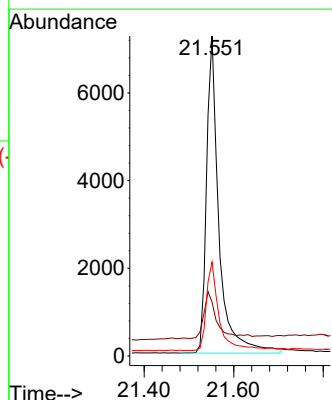
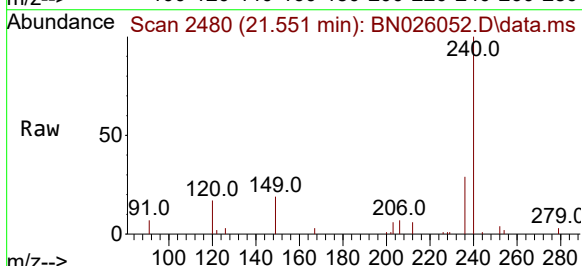
Tgt Ion:240 Resp: 13936

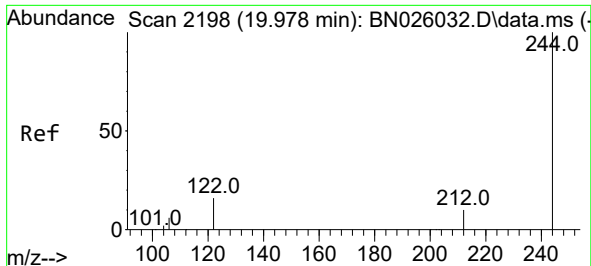
Ion Ratio Lower Upper

240 100

120 16.8 14.6 22.0

236 29.4 24.2 36.2

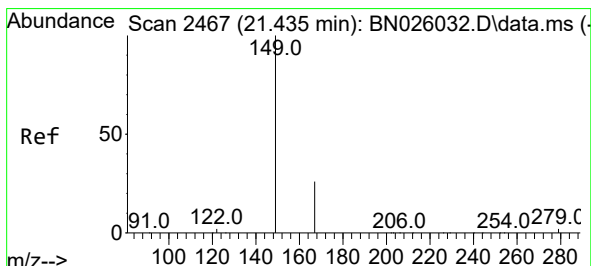
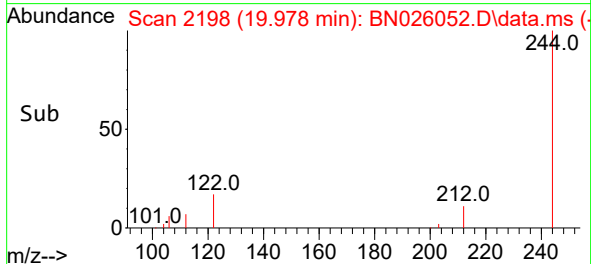
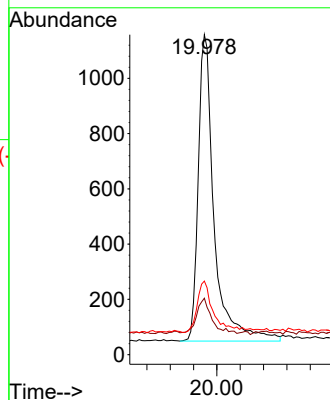
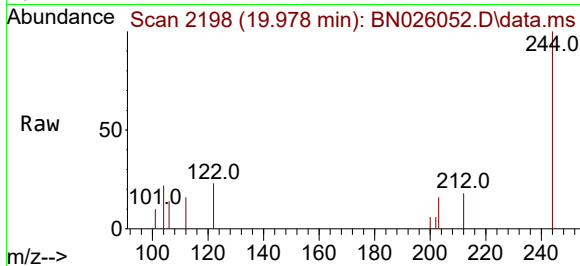




#31
 Terphenyl-d14
 Concen: 0.059 ng
 RT: 19.978 min Scan# 2198
 Delta R.T. 0.000 min
 Lab File: BN026052.D
 Acq: 28 Jun 2023 10:54

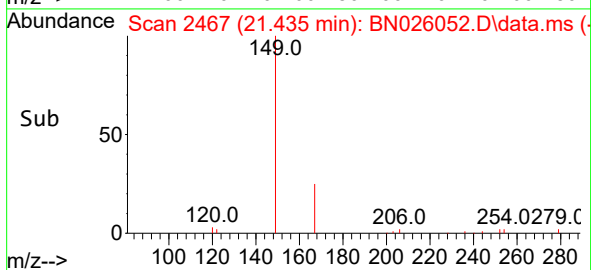
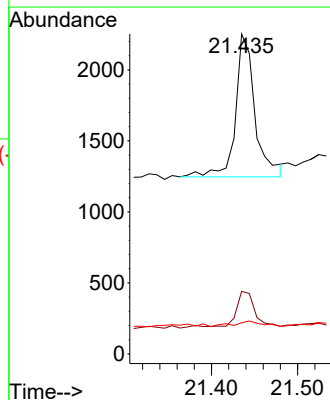
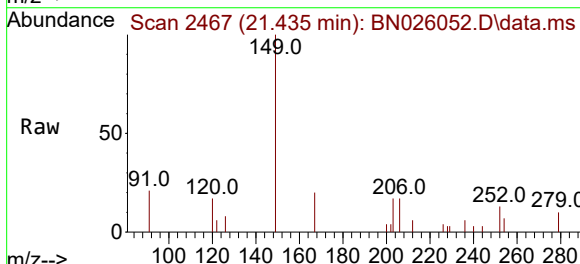
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-390-410-062323DL

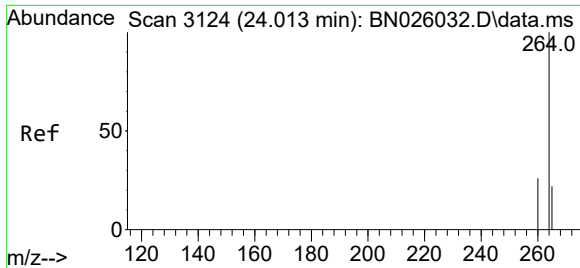
Tgt Ion:244 Resp: 2095
 Ion Ratio Lower Upper
 244 100
 212 17.6 8.7 13.1#
 122 23.0 13.7 20.5#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.035 ng
 RT: 21.435 min Scan# 2467
 Delta R.T. 0.000 min
 Lab File: BN026052.D
 Acq: 28 Jun 2023 10:54

Tgt Ion:149 Resp: 1579
 Ion Ratio Lower Upper
 149 100
 167 23.1 20.2 30.4
 279 5.7 2.4 3.6#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.010 min Scan# 31

Delta R.T. -0.003 min

Lab File: BN026052.D

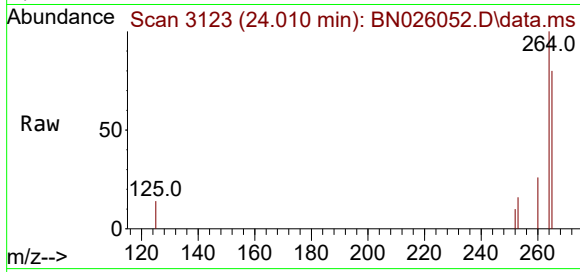
Acq: 28 Jun 2023 10:54

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-390-410-062323DL



Tgt Ion:264 Resp: 13248

Ion Ratio Lower Upper

264 100

260 26.3 21.9 32.9

265 80.1 80.3 120.5#

