

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060951.D
 Acq On : 19 Apr 2024 1:23
 Operator : MA/JU
 Sample : P2151-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WATER-COMP

Quant Time: Apr 19 02:35:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

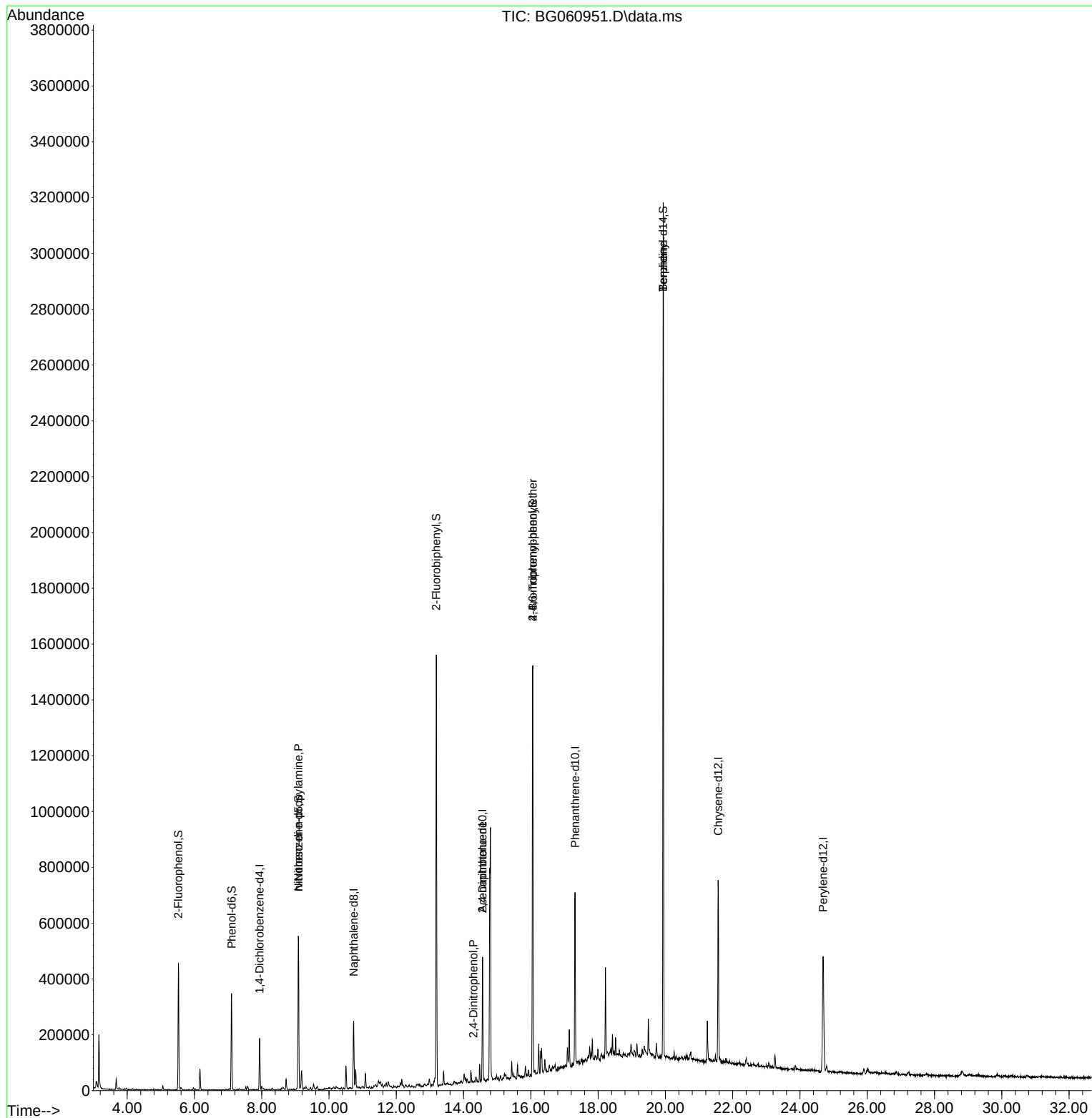
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	48501	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	185774	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	157237	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	397366	20.000	ng	0.00
76) Chrysene-d12	21.569	240	390030	20.000	ng	0.00
86) Perylene-d12	24.688	264	464493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	174199	62.386	ng	0.00
7) Phenol-d6	7.103	99	172293	42.832	ng	0.00
23) Nitrobenzene-d5	9.089	82	302567	73.938	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	312730	120.392	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	806908	75.307	ng	0.00
79) Terphenyl-d14	19.935	244	1561347	69.864	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.089	70	41087	13.410	ng	# 70
54) 2,4-Dinitrophenol	14.295	184	61	5.471	ng	# 19
57) 2,4-Dinitrotoluene	14.565	165	21651	5.958	ng	# 23
67) 4-Bromophenyl-phenylether	16.057	248	21008	4.719	ng	# 1
77) Benzidine	19.935	184	24127	2.804	ng	# 94

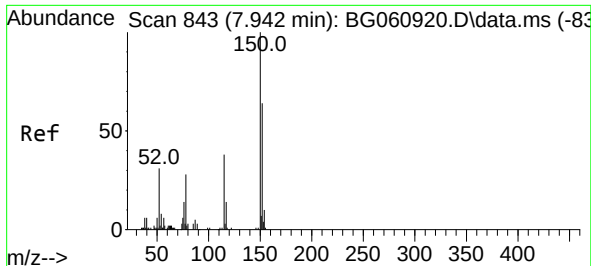
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

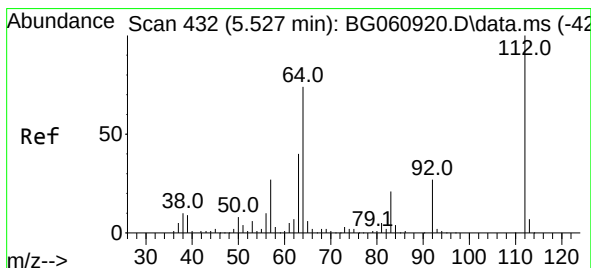
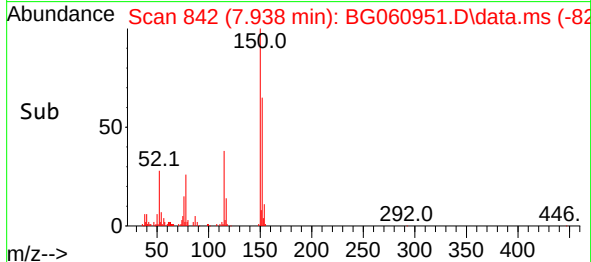
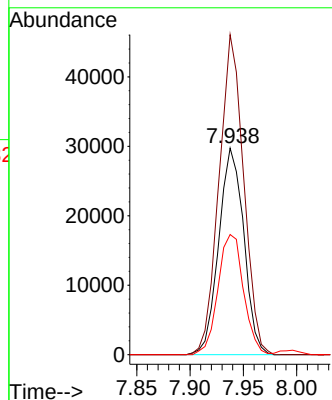
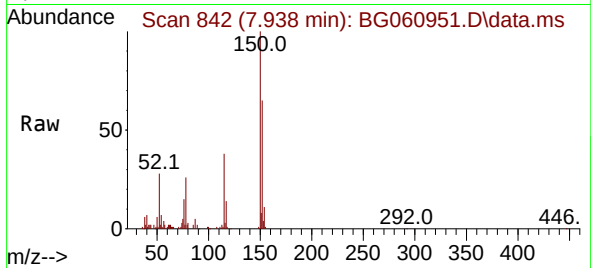




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

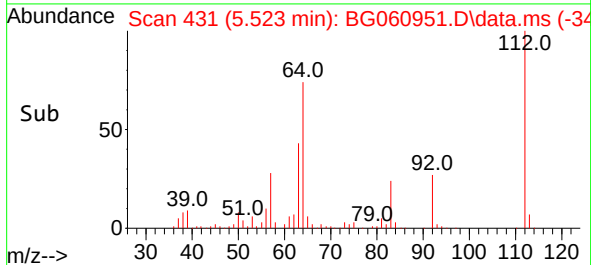
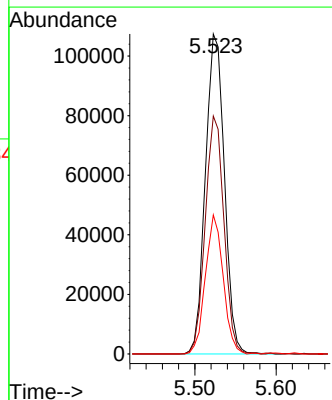
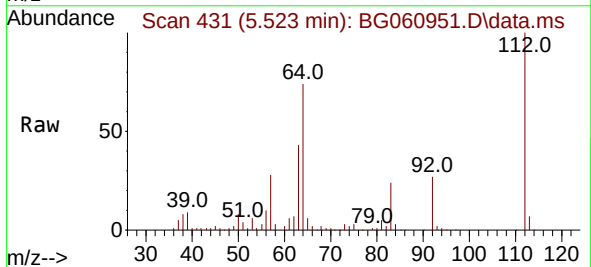
Instrument :
BNA_G
ClientSampleId :
WATER-COMP

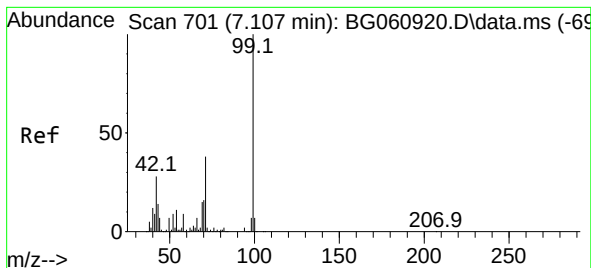
Tgt Ion:152 Resp: 48501
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 58.1 47.1 70.7



#5
2-Fluorophenol
Concen: 62.386 ng
RT: 5.523 min Scan# 431
Delta R.T. -0.004 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

Tgt Ion:112 Resp: 174199
Ion Ratio Lower Upper
112 100
64 74.4 58.9 88.3
63 43.4 32.1 48.1





#7

Phenol-d6

Concen: 42.832 ng

RT: 7.103 min Scan# 701

Delta R.T. -0.004 min

Lab File: BG060951.D

Acq: 19 Apr 2024 1:23

Instrument :

BNA_G

ClientSampleId :

WATER-COMP

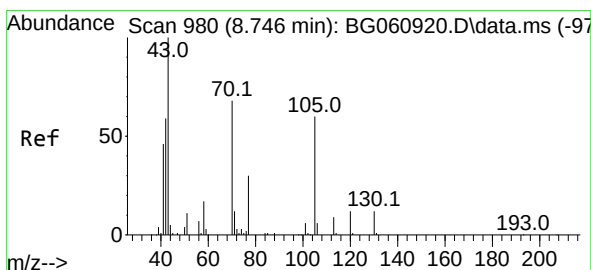
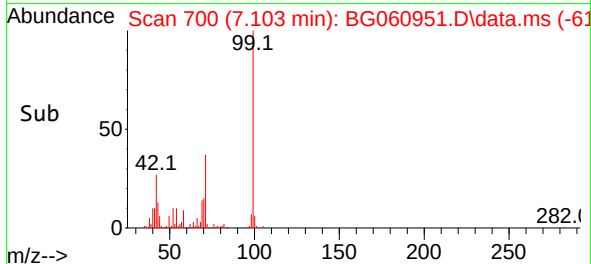
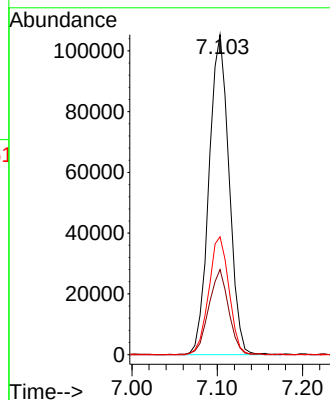
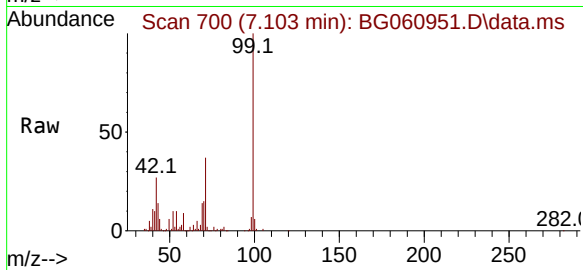
Tgt Ion: 99 Resp: 172293

Ion Ratio Lower Upper

99 100

42 26.6 22.2 33.2

71 36.8 30.5 45.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.410 ng

RT: 9.089 min Scan# 1038

Delta R.T. 0.343 min

Lab File: BG060951.D

Acq: 19 Apr 2024 1:23

Tgt Ion: 70 Resp: 41087

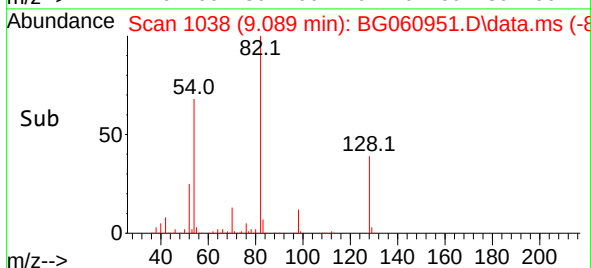
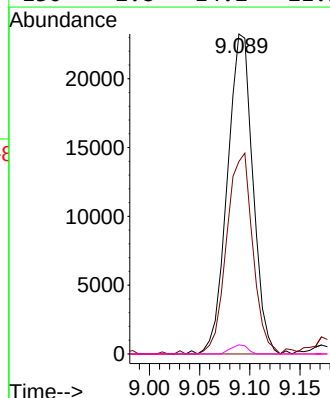
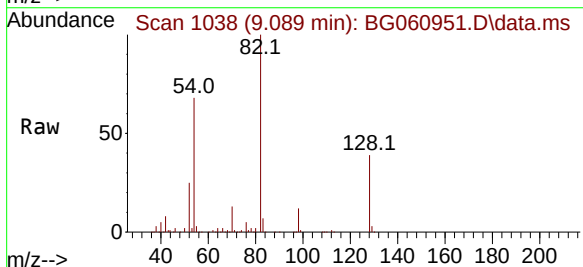
Ion Ratio Lower Upper

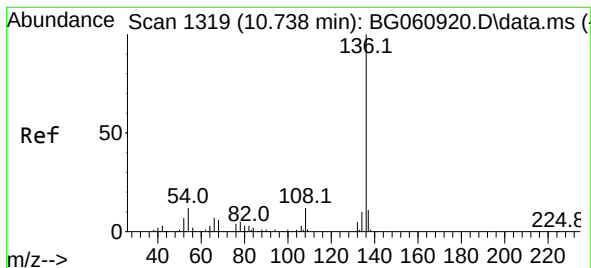
70 100

42 60.2 70.9 106.3#

101 0.0 7.0 10.4#

130 2.8 14.2 21.2#

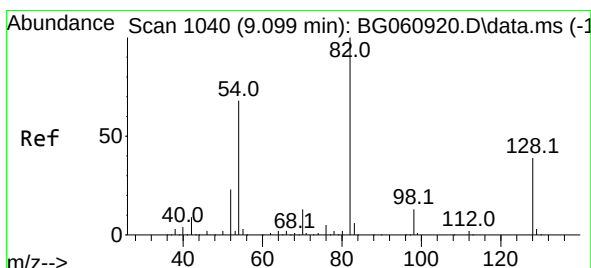
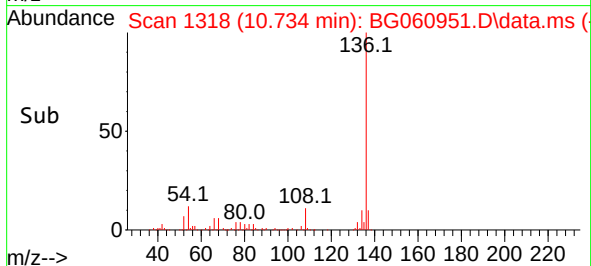
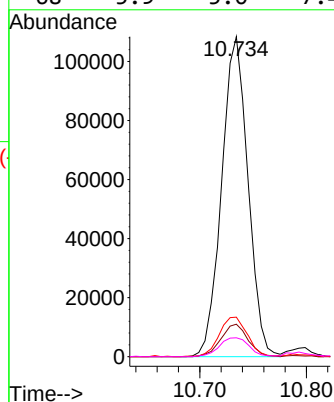
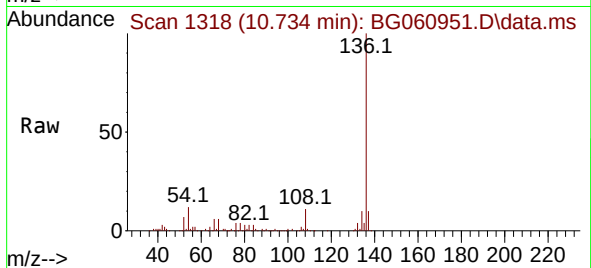




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

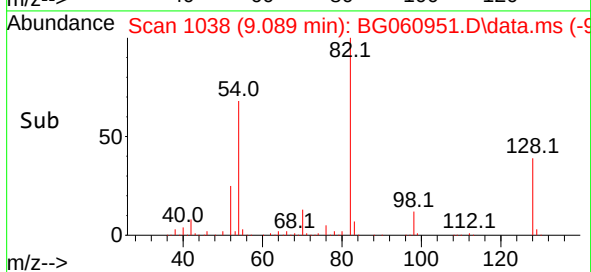
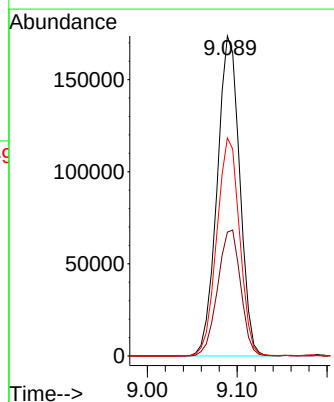
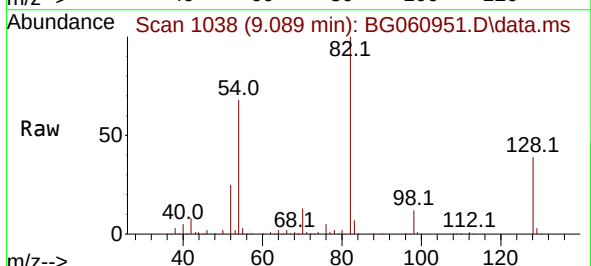
Instrument :
BNA_G
ClientSampleId :
WATER-COMP

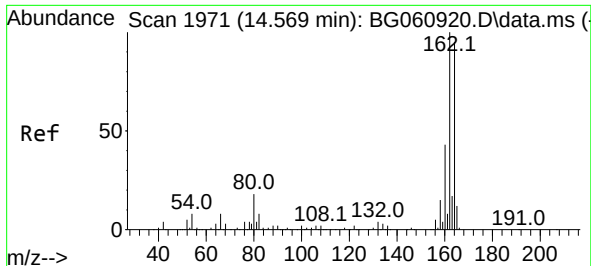
Tgt Ion:	136	Resp:	185774
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	12.4	9.8	14.8
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 73.938 ng
RT: 9.089 min Scan# 1038
Delta R.T. -0.010 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

Tgt Ion:	82	Resp:	302567
Ion	Ratio	Lower	Upper
82	100		
128	38.7	31.4	47.0
54	68.2	54.2	81.4

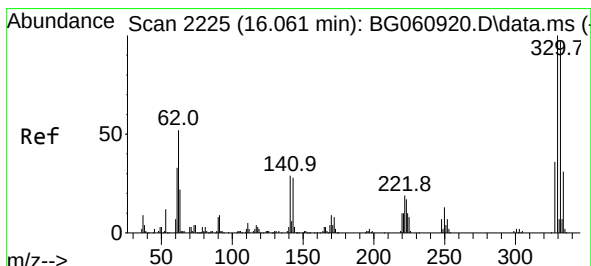
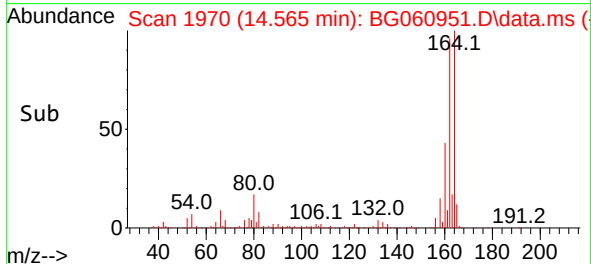
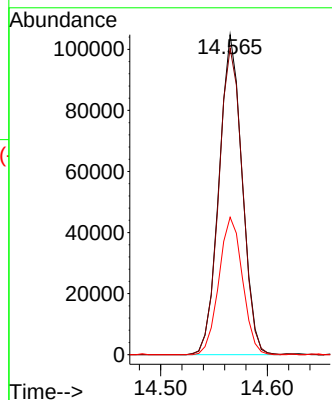
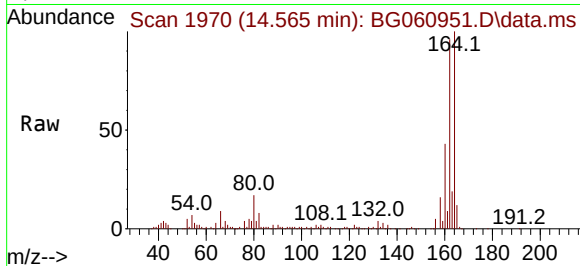




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

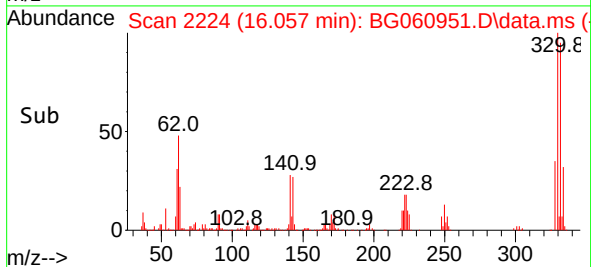
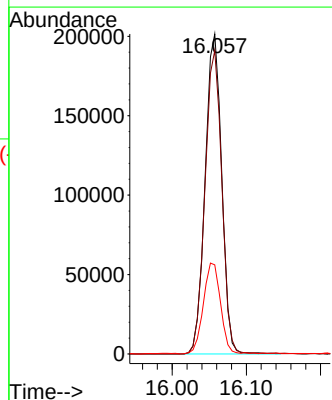
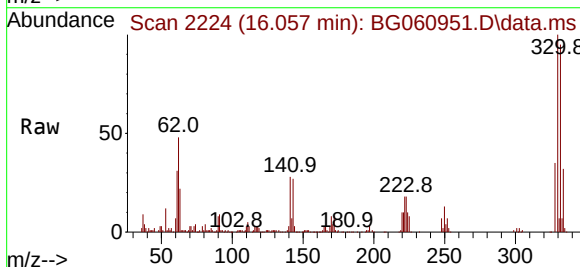
Instrument :
BNA_G
ClientSampleId :
WATER-COMP

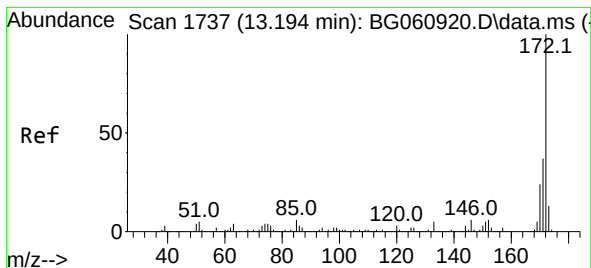
Tgt Ion:164 Resp: 157237
Ion Ratio Lower Upper
164 100
162 95.8 84.1 126.1
160 43.0 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 120.392 ng
RT: 16.057 min Scan# 2224
Delta R.T. -0.004 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

Tgt Ion:330 Resp: 312730
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 29.4 23.7 35.5

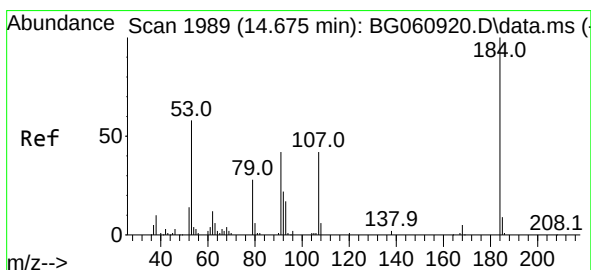
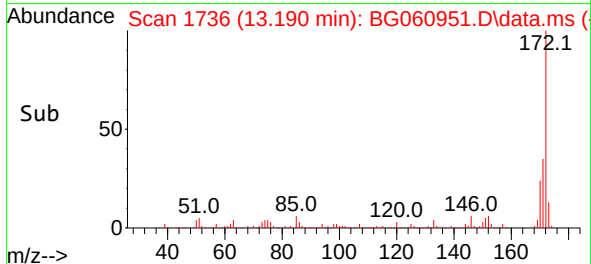
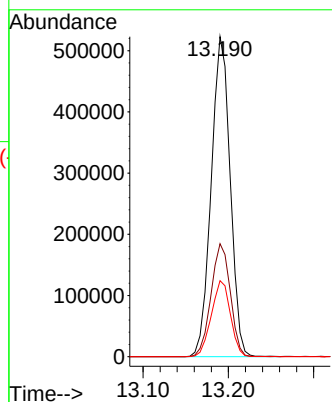
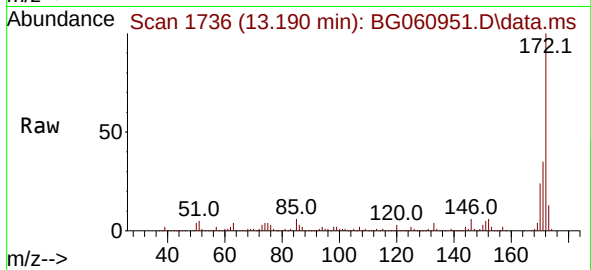




#45
2-Fluorobiphenyl
Concen: 75.307 ng
RT: 13.190 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

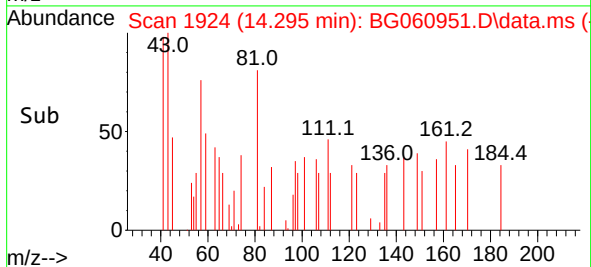
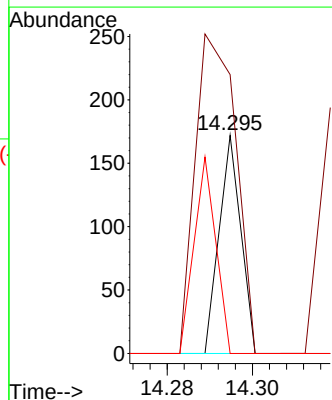
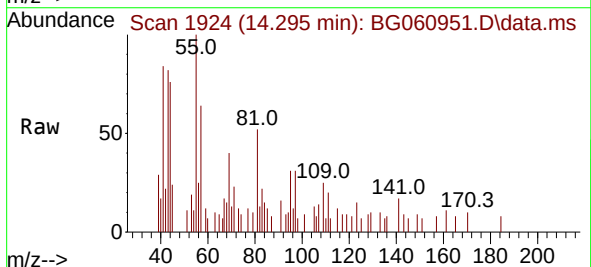
Instrument :
BNA_G
ClientSampleId :
WATER-COMP

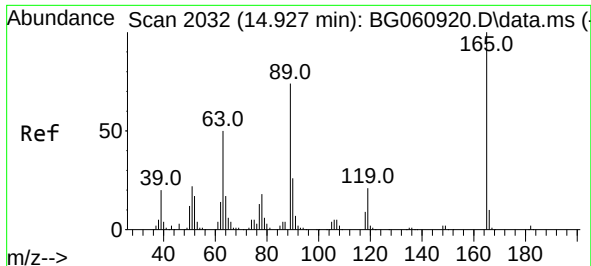
Tgt Ion:172 Resp: 806908
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 23.8 19.5 29.3



#54
2,4-Dinitrophenol
Concen: 5.471 ng
RT: 14.295 min Scan# 1924
Delta R.T. -0.380 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 127.9 52.0 78.0#
154 0.0 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 5.958 ng

RT: 14.565 min Scan# 1970

Delta R.T. -0.362 min

Lab File: BG060951.D

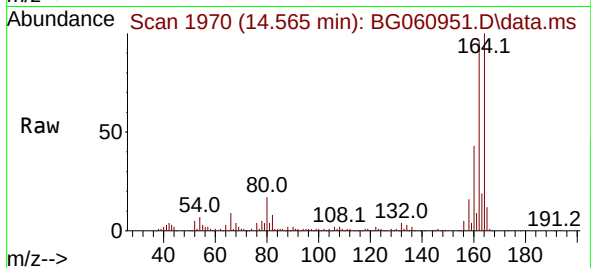
Acq: 19 Apr 2024 1:23

Instrument :

BNA_G

ClientSampleId :

WATER-COMP



Tgt Ion:165 Resp: 21651

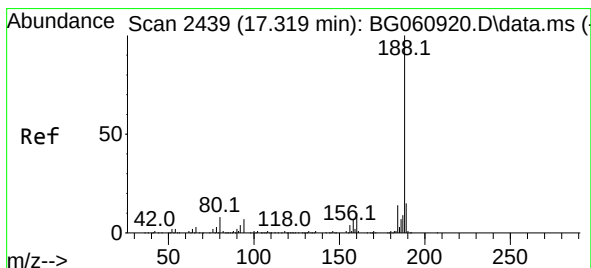
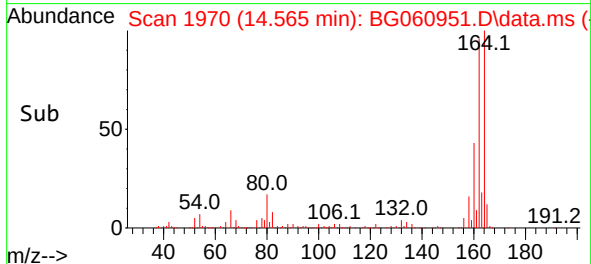
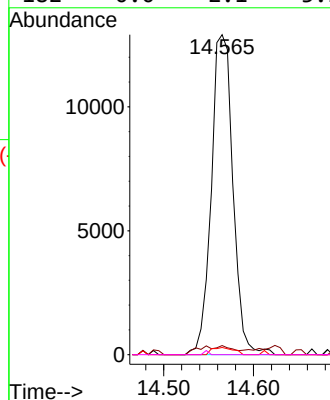
Ion Ratio Lower Upper

165 100

63 2.8 40.2 60.2#

89 2.3 59.0 88.4#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2438

Delta R.T. -0.004 min

Lab File: BG060951.D

Acq: 19 Apr 2024 1:23

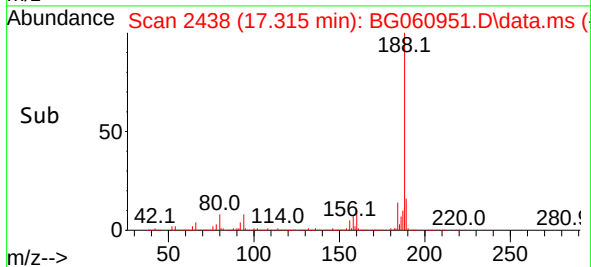
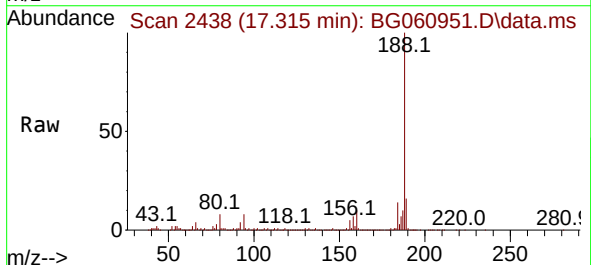
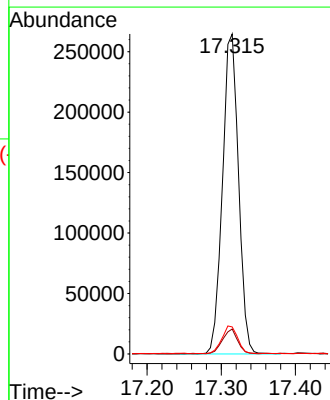
Tgt Ion:188 Resp: 397366

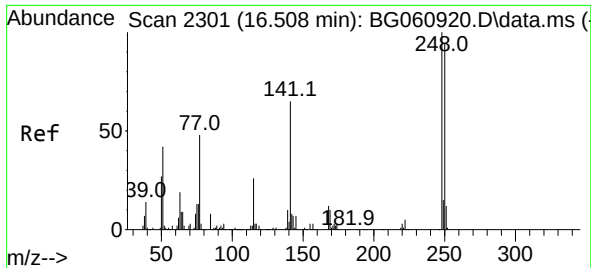
Ion Ratio Lower Upper

188 100

94 7.8 5.7 8.5

80 8.5 6.6 9.8

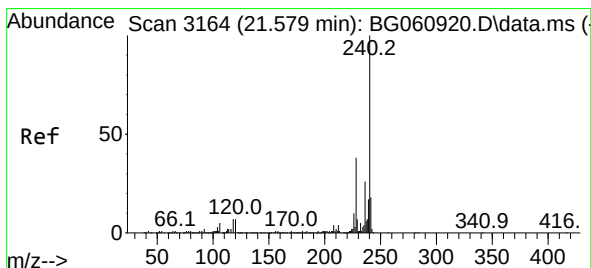
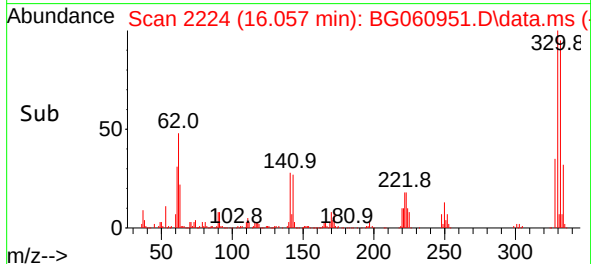
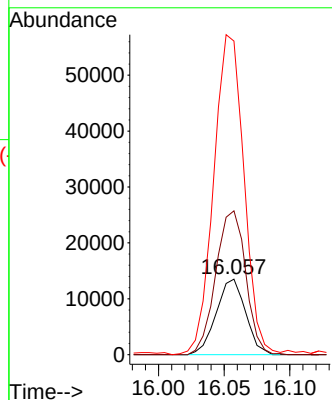
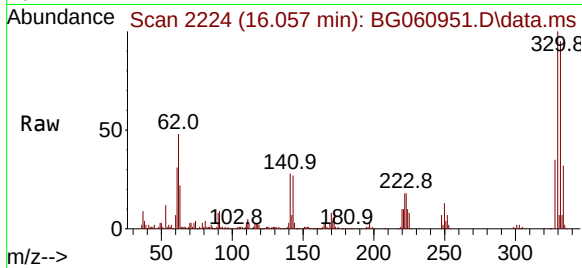




#67
4-Bromophenyl-phenylether
Concen: 4.719 ng
RT: 16.057 min Scan# 21008
Delta R.T. -0.451 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

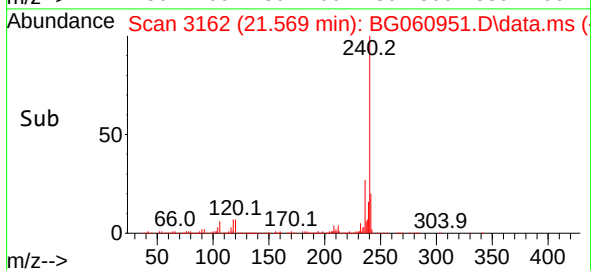
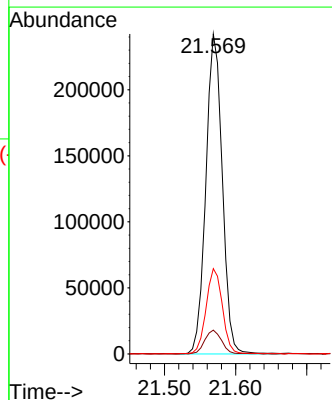
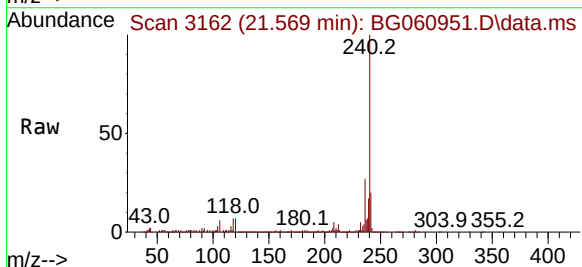
Instrument :
BNA_G
ClientSampleId :
WATER-COMP

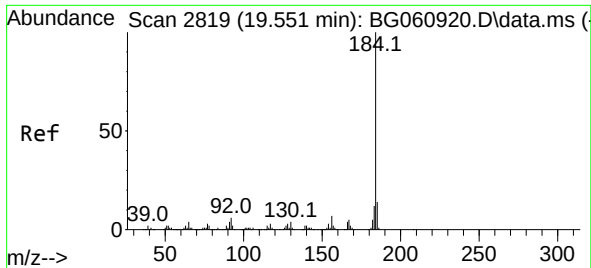
Tgt Ion:248 Resp: 21008
Ion Ratio Lower Upper
248 100
250 190.3 75.4 113.2#
141 415.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3162
Delta R.T. -0.010 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

Tgt Ion:240 Resp: 390030
Ion Ratio Lower Upper
240 100
120 7.4 5.7 8.5
236 26.6 21.1 31.7

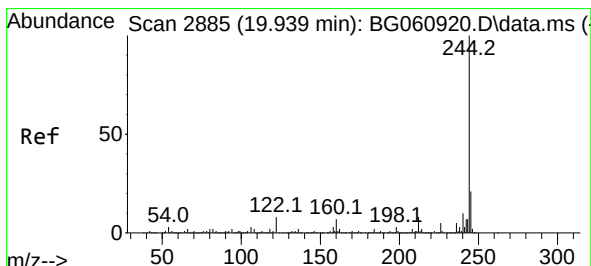
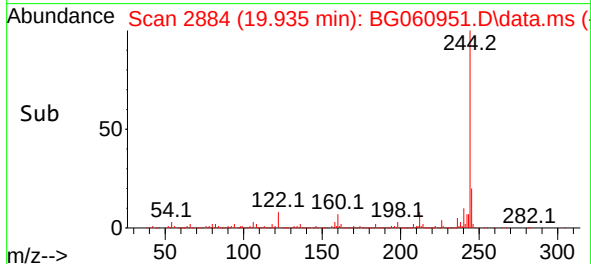
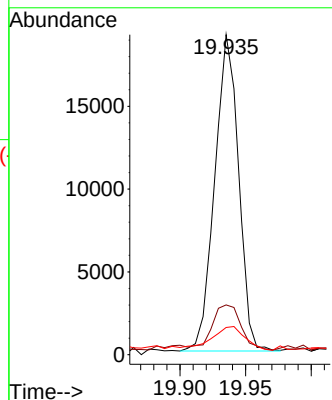
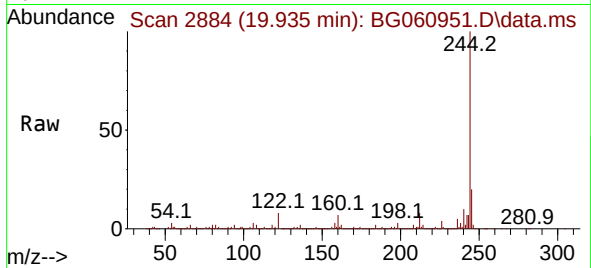




#77
Benzidine
Concen: 2.804 ng
RT: 19.935 min Scan# 2884
Delta R.T. 0.384 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

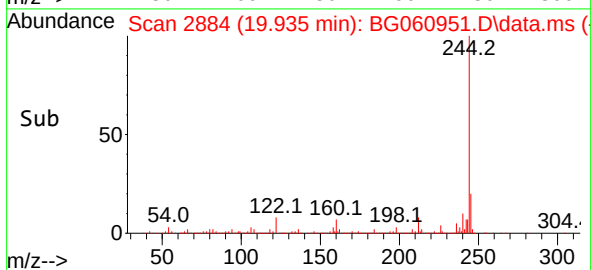
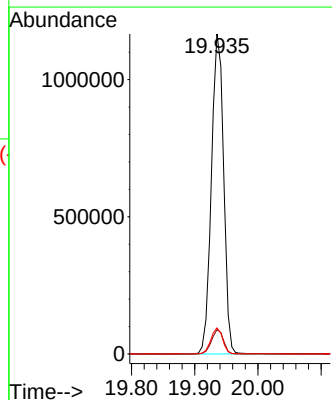
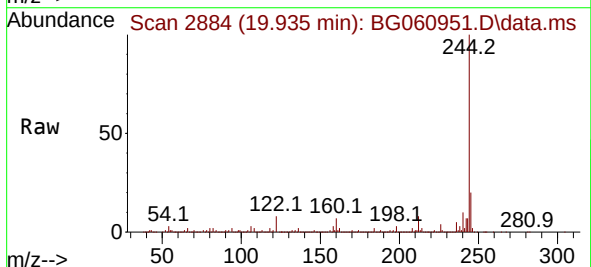
Instrument :
BNA_G
ClientSampleId :
WATER-COMP

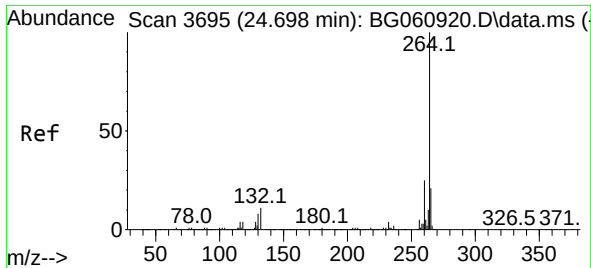
Tgt Ion:184 Resp: 24127
Ion Ratio Lower Upper
184 100
185 15.6 11.4 17.0
183 8.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 69.864 ng
RT: 19.935 min Scan# 2884
Delta R.T. -0.004 min
Lab File: BG060951.D
Acq: 19 Apr 2024 1:23

Tgt Ion:244 Resp: 1561347
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 8.1 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.688 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: BG060951.D
 Acq: 19 Apr 2024 1:23

Instrument :
 BNA_G
 ClientSampleId :
 WATER-COMP

Tgt Ion:264 Resp: 464493
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.0 16.6 25.0

