

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
 Data File : BG059953.D
 Acq On : 5 Dec 2023 17:27
 Operator : MA/JU
 Sample : 05586-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VAULT-1RE

Quant Time: Dec 05 22:39:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

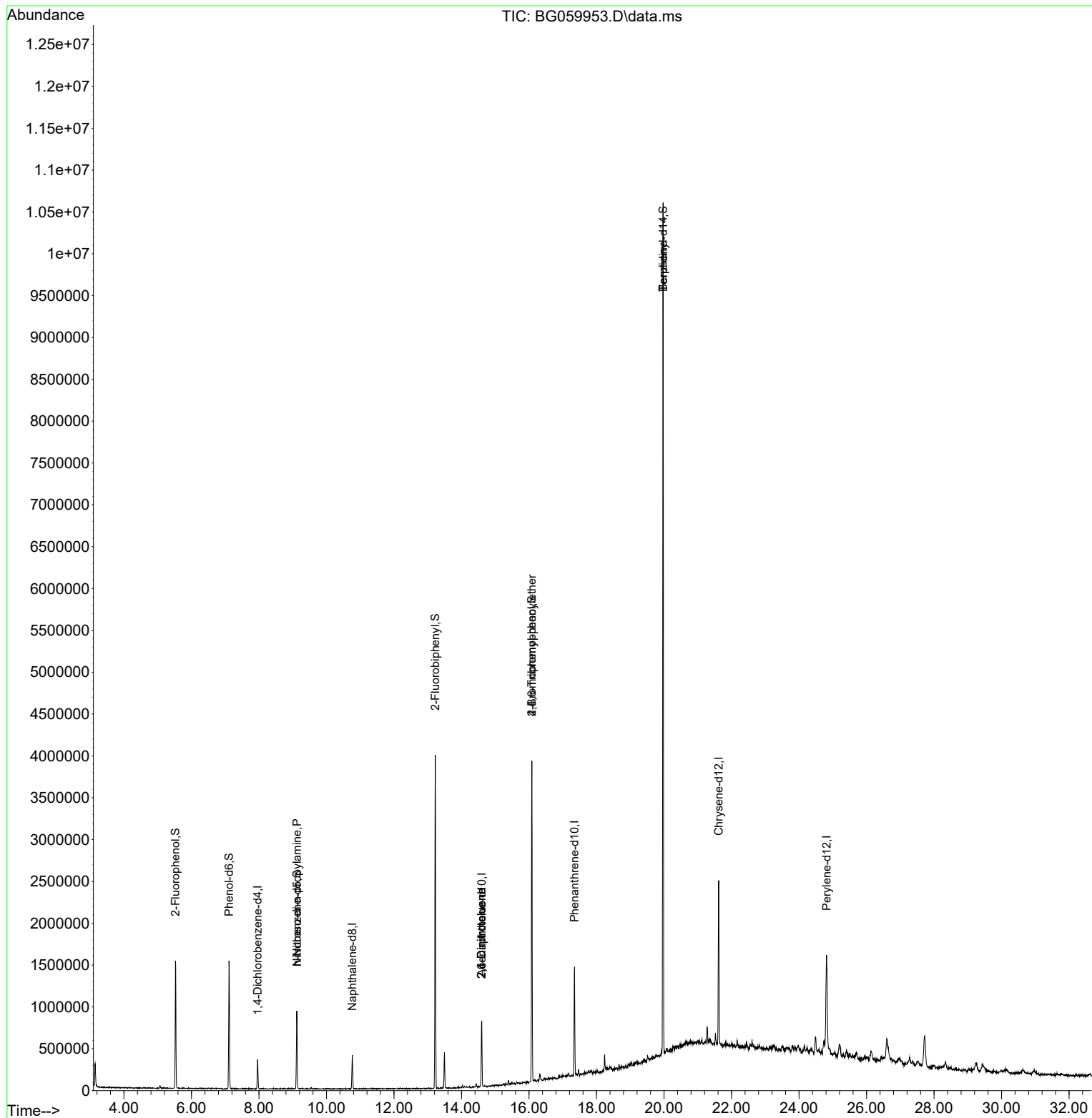
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	81636	20.000	ng	# 0.00
21) Naphthalene-d8	10.766	136	286608	20.000	ng	# 0.00
39) Acenaphthene-d10	14.597	164	282871	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	922898	20.000	ng	0.00
76) Chrysene-d12	21.618	240	1373080	20.000	ng	0.00
86) Perylene-d12	24.815	264	1624434	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	547018	134.633	ng	0.00
7) Phenol-d6	7.112	99	703855	109.911	ng	0.00
23) Nitrobenzene-d5	9.121	82	565754	70.563	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	963584	105.875	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	2049460	79.022	ng	0.00
79) Terphenyl-d14	19.973	244	5281825	66.313	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.121	70	88071	18.351	ng	# 78
51) 2,6-Dinitrotoluene	14.591	165	38178	7.236	ng	# 17
57) 2,4-Dinitrotoluene	14.591	165	38178	5.203	ng	# 21
67) 4-Bromophenyl-phenylether	16.084	248	55332	3.499	ng	# 1
77) Benzidine	19.973	184	103475	8.941	ng	# 94

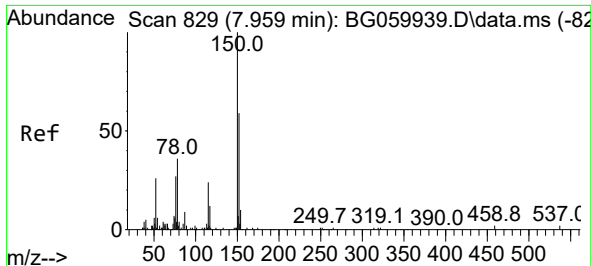
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
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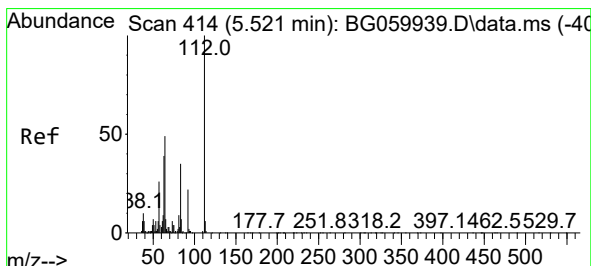
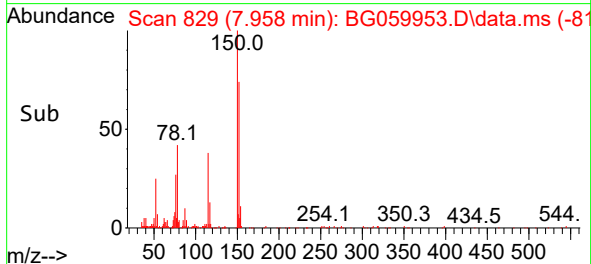
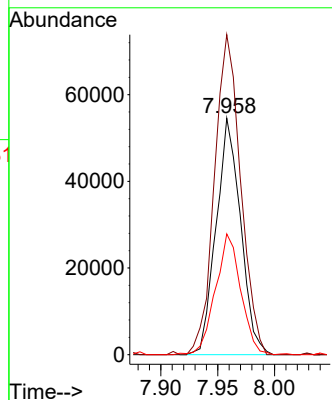
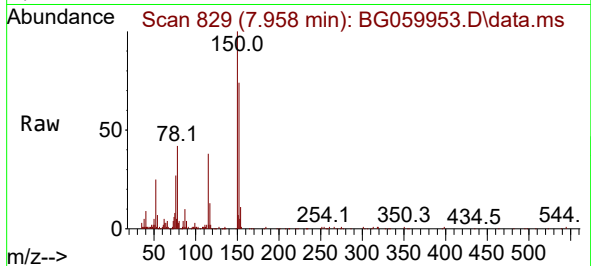




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

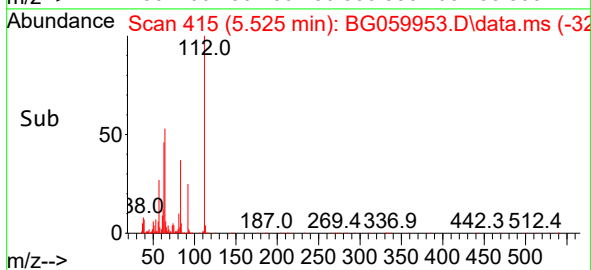
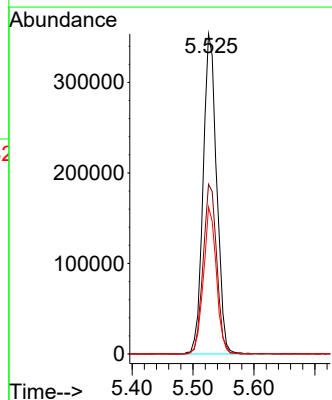
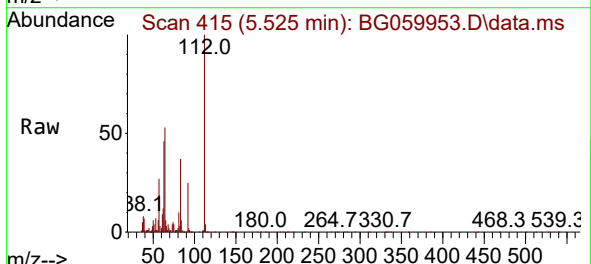
Instrument :
BNA_G
ClientSampleId :
VAULT-1RE

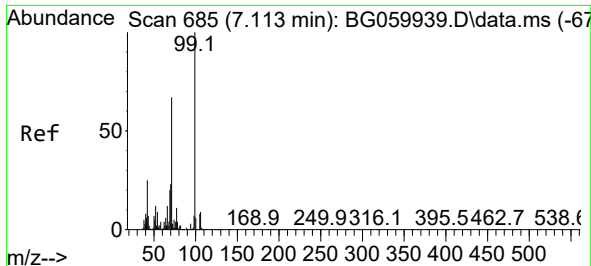
Tgt Ion:152 Resp: 81636
Ion Ratio Lower Upper
152 100
150 135.3 136.9 205.3#
115 51.1 32.9 49.3#



#5
2-Fluorophenol
Concen: 134.633 ng
RT: 5.525 min Scan# 415
Delta R.T. 0.004 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

Tgt Ion:112 Resp: 547018
Ion Ratio Lower Upper
112 100
64 53.0 39.4 59.0
63 45.9 31.2 46.8

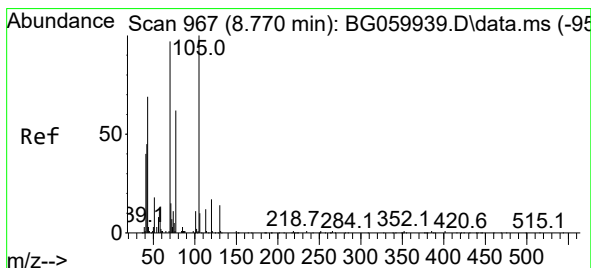
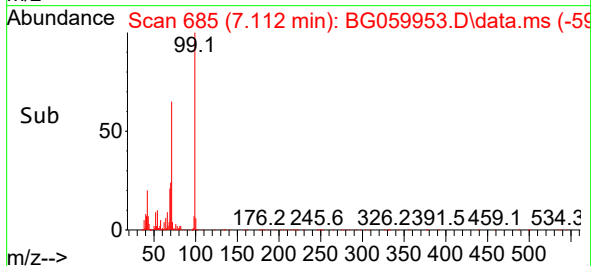
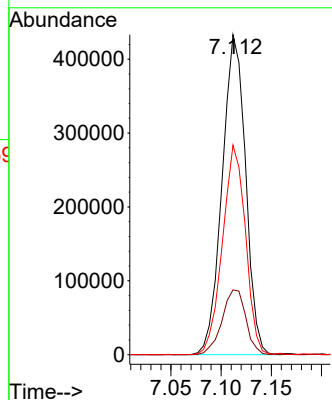
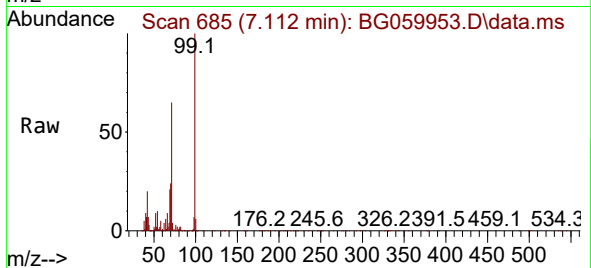




#7
Phenol-d6
Concen: 109.911 ng
RT: 7.112 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

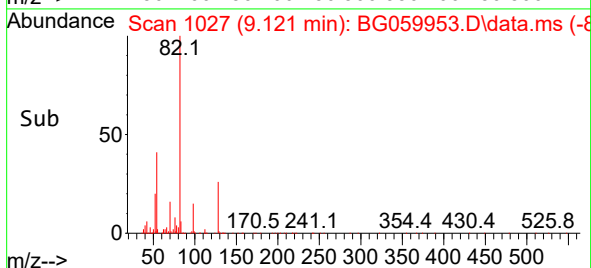
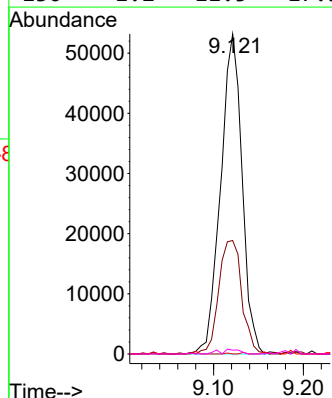
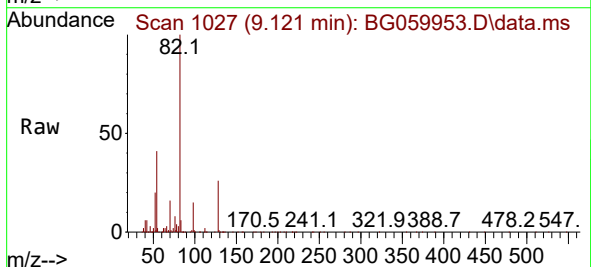
Instrument :
BNA_G
ClientSampleId :
VAULT-1RE

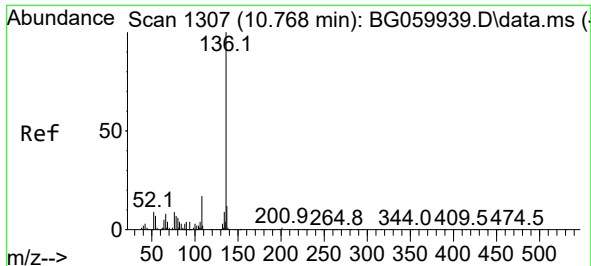
Tgt Ion: 99 Resp: 703855
Ion Ratio Lower Upper
99 100
42 20.3 20.1 30.1
71 65.5 53.8 80.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.351 ng
RT: 9.121 min Scan# 1027
Delta R.T. 0.351 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

Tgt Ion: 70 Resp: 88071
Ion Ratio Lower Upper
70 100
42 35.4 38.1 57.1#
101 0.0 8.6 13.0#
130 1.2 11.5 17.3#

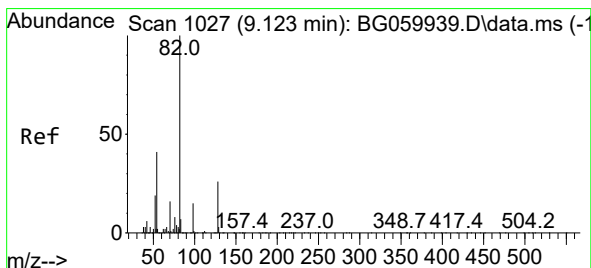
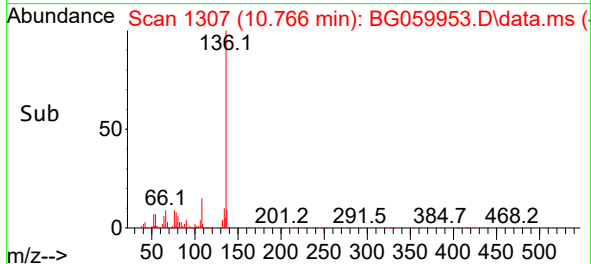
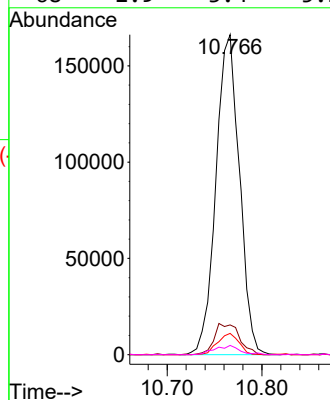
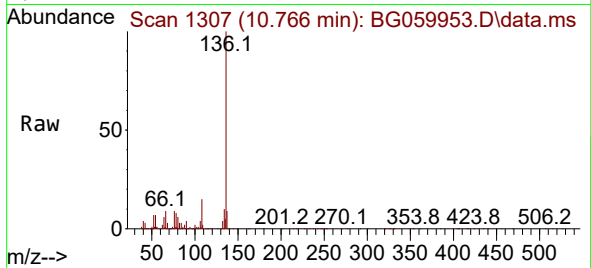




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.766 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

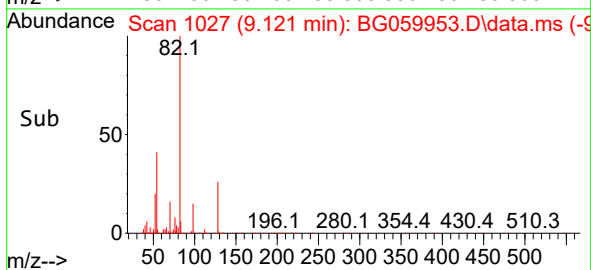
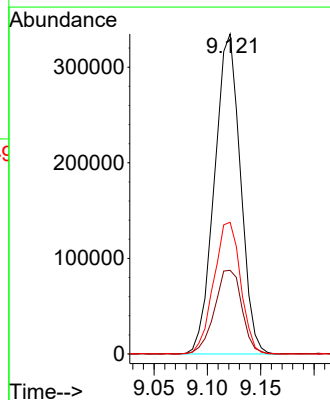
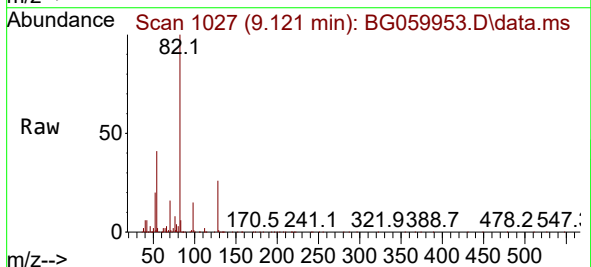
Instrument :
BNA_G
ClientSampleId :
VAULT-1RE

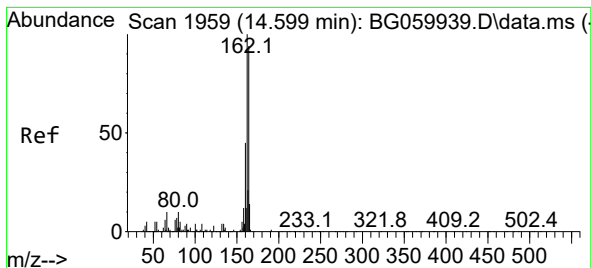
Tgt Ion:136 Resp: 286608
Ion Ratio Lower Upper
136 100
137 9.3 9.8 14.6#
54 6.7 5.8 8.6
68 2.9 3.4 5.2#



#23
Nitrobenzene-d5
Concen: 70.563 ng
RT: 9.121 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

Tgt Ion: 82 Resp: 565754
Ion Ratio Lower Upper
82 100
128 26.2 21.0 31.6
54 41.2 32.6 48.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.597 min Scan# 1959

Delta R.T. -0.001 min

Lab File: BG059953.D

Acq: 5 Dec 2023 17:27

Instrument :

BNA_G

ClientSampleId :

VAULT-1RE

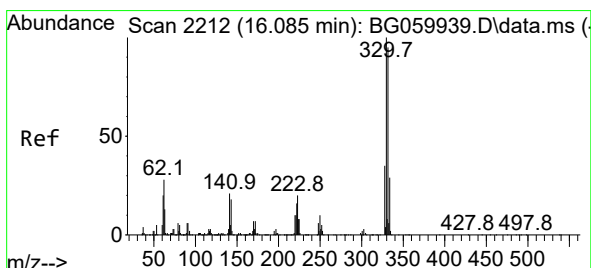
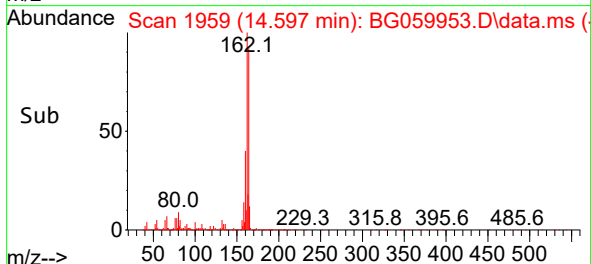
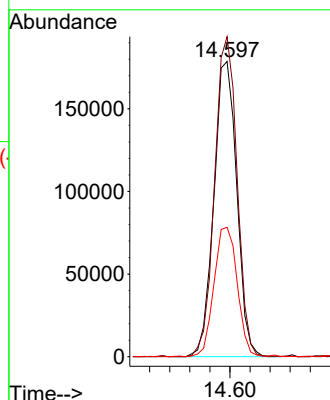
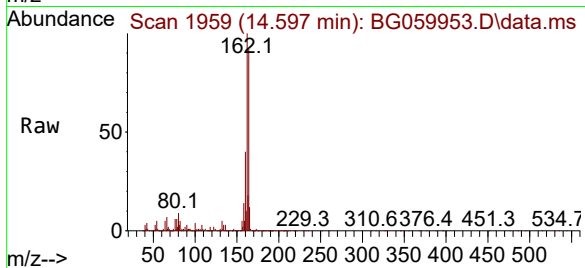
Tgt Ion:164 Resp: 282871

Ion Ratio Lower Upper

164 100

162 108.4 85.0 127.6

160 43.9 38.1 57.1



#42

2,4,6-Tribromophenol

Concen: 105.875 ng

RT: 16.084 min Scan# 2212

Delta R.T. -0.001 min

Lab File: BG059953.D

Acq: 5 Dec 2023 17:27

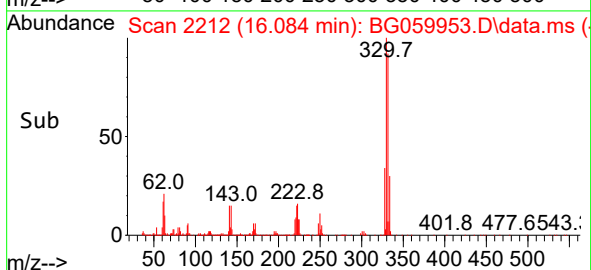
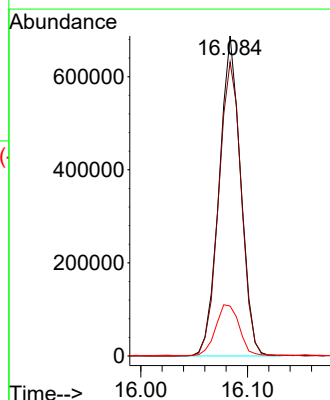
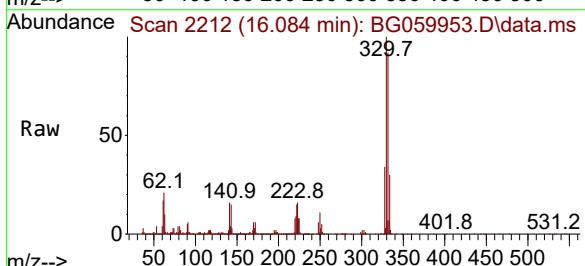
Tgt Ion:330 Resp: 963584

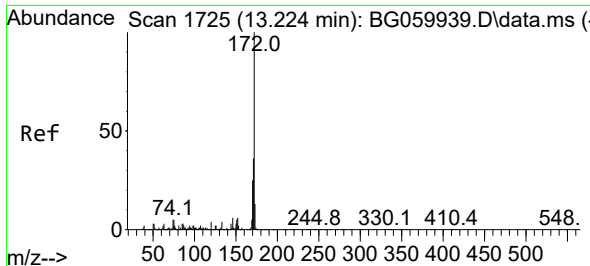
Ion Ratio Lower Upper

330 100

332 95.9 76.5 114.7

141 17.3 15.0 22.6

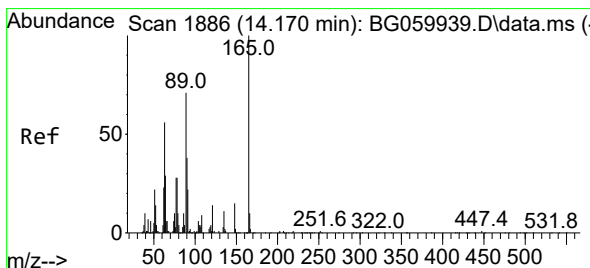
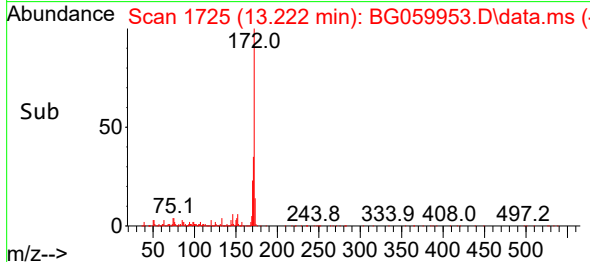
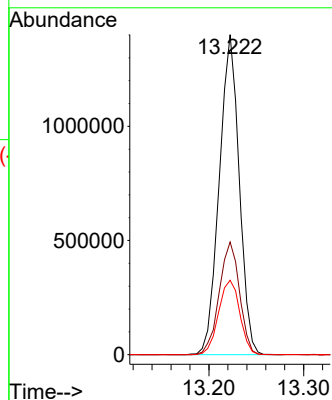
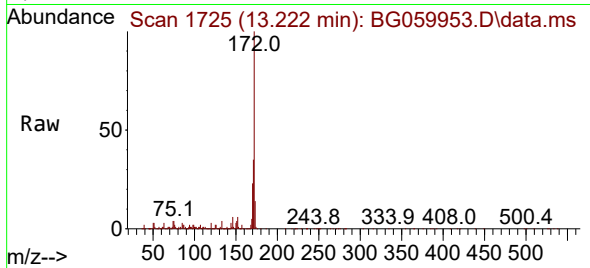




#45
2-Fluorobiphenyl
Concen: 79.022 ng
RT: 13.222 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

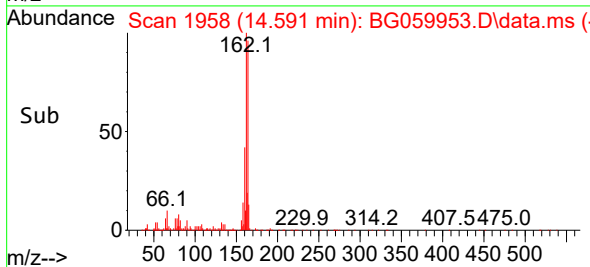
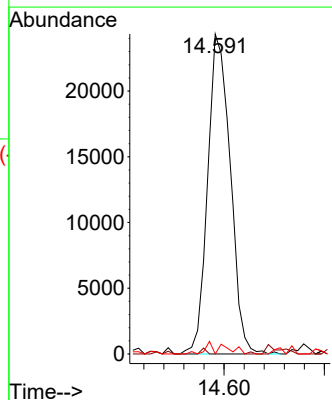
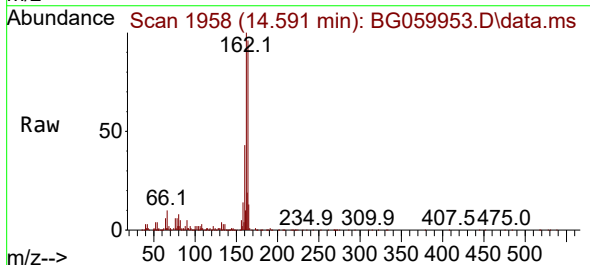
Instrument :
BNA_G
ClientSampleId :
VAULT-1RE

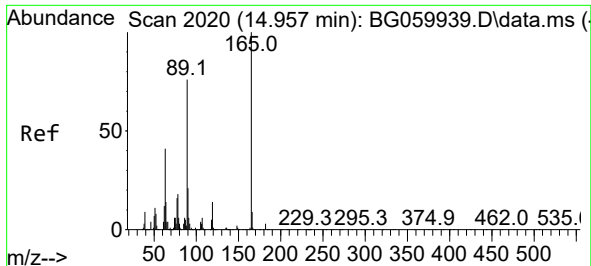
Tgt Ion:172 Resp: 2049460
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.3 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 7.236 ng
RT: 14.591 min Scan# 1958
Delta R.T. 0.422 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

Tgt Ion:165 Resp: 38178
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 57.1 85.7#





#57

2,4-Dinitrotoluene

Concen: 5.203 ng

RT: 14.591 min Scan# 1958

Delta R.T. -0.366 min

Lab File: BG059953.D

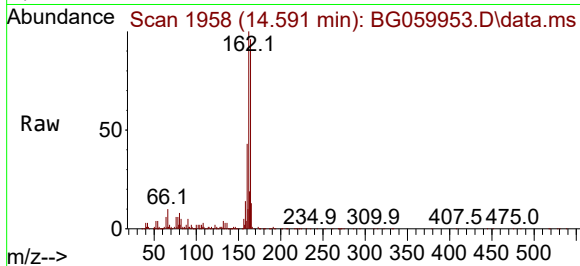
Acq: 5 Dec 2023 17:27

Instrument :

BNA_G

ClientSampleId :

VAULT-1RE



Tgt Ion:165 Resp: 38178

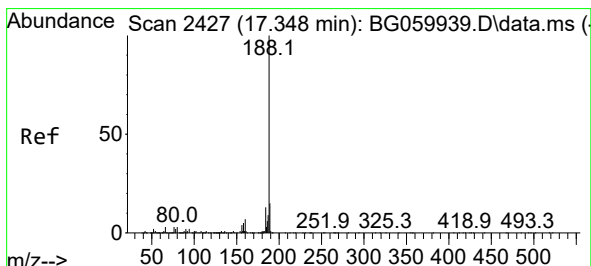
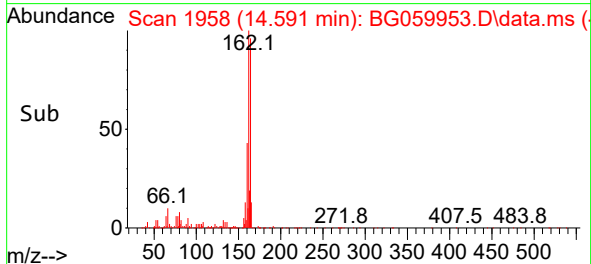
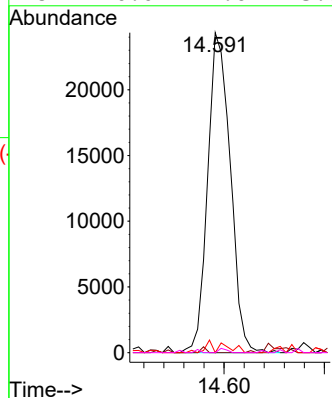
Ion Ratio Lower Upper

165 100

63 0.0 32.8 49.2#

89 0.0 60.6 90.8#

182 0.0 2.6 3.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.347 min Scan# 2427

Delta R.T. -0.001 min

Lab File: BG059953.D

Acq: 5 Dec 2023 17:27

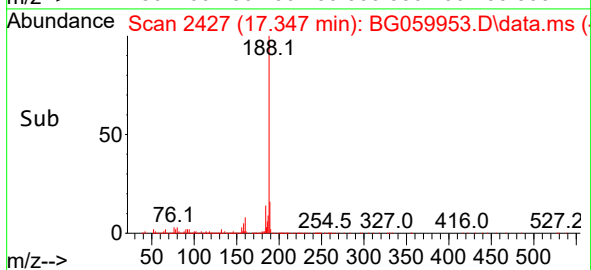
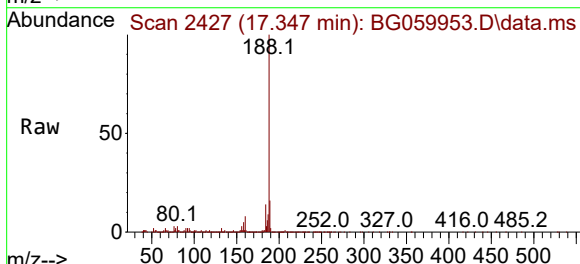
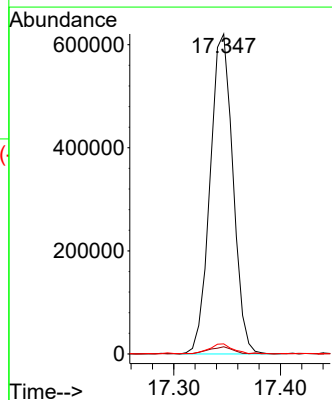
Tgt Ion:188 Resp: 922898

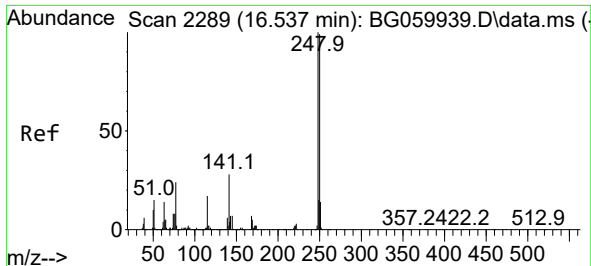
Ion Ratio Lower Upper

188 100

94 2.3 1.8 2.6

80 3.2 2.2 3.4

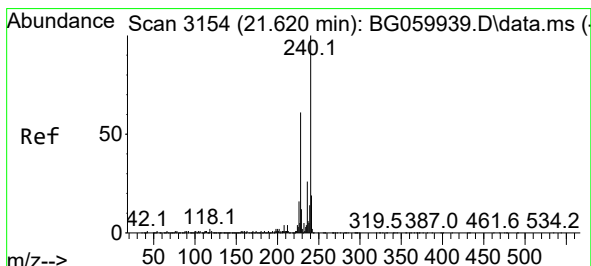
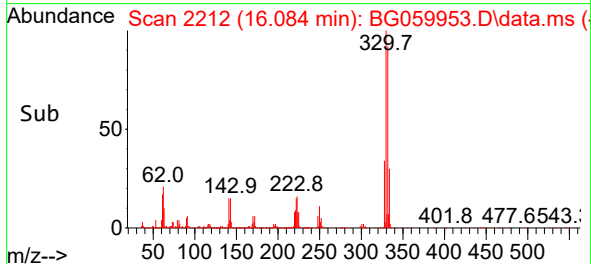
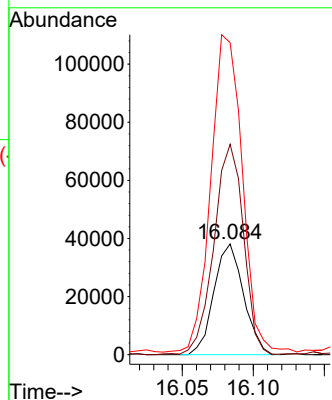
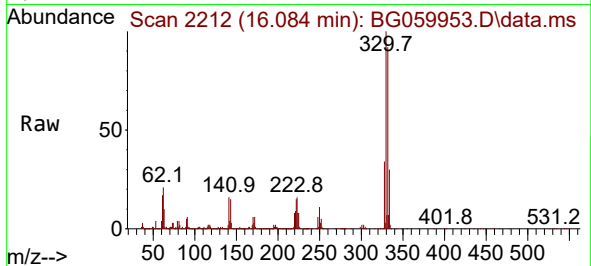




#67
4-Bromophenyl-phenylether
Concen: 3.499 ng
RT: 16.084 min Scan# 2112
Delta R.T. -0.454 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

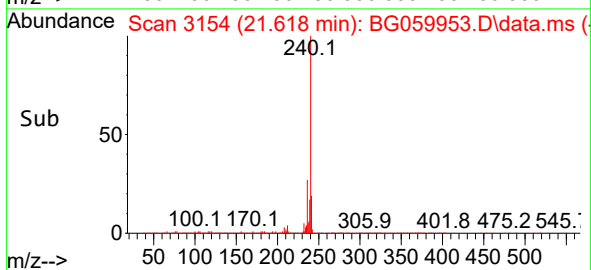
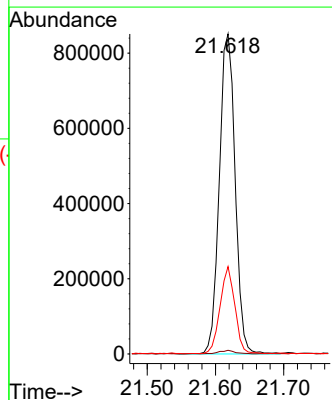
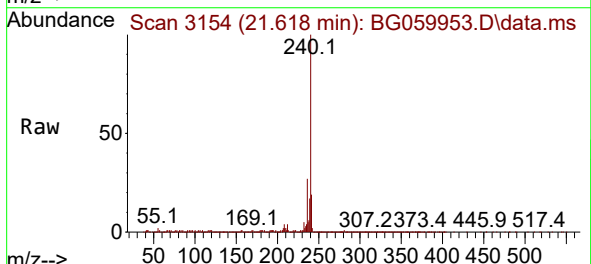
Instrument :
BNA_G
ClientSampleId :
VAULT-1RE

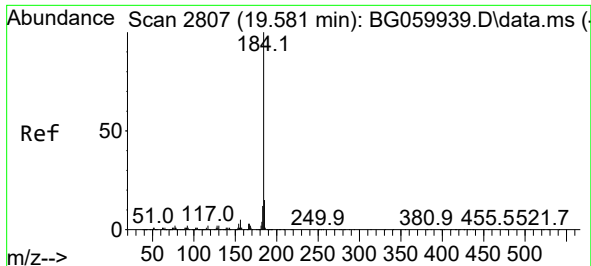
Tgt Ion:248 Resp: 55332
Ion Ratio Lower Upper
248 100
250 157.3 79.0 118.4#
141 233.3 22.3 33.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.618 min Scan# 3154
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

Tgt Ion:240 Resp: 1373080
Ion Ratio Lower Upper
240 100
120 1.2 1.0 1.4
236 27.3 20.8 31.2

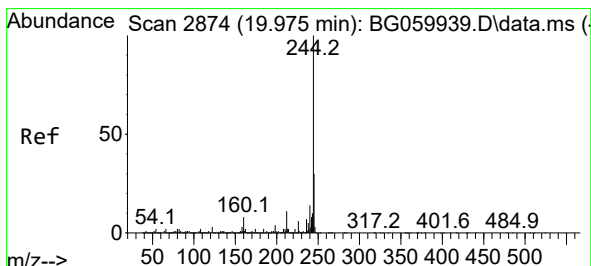
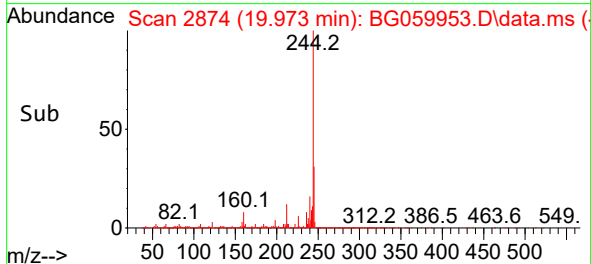
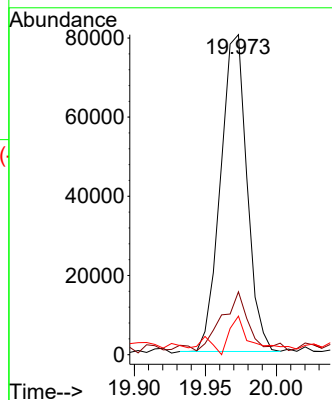
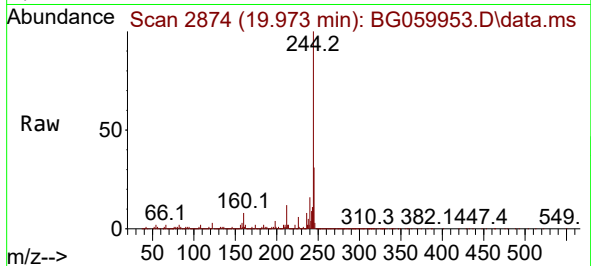




#77
Benzidine
Concen: 8.941 ng
RT: 19.973 min Scan# 2874
Delta R.T. 0.392 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

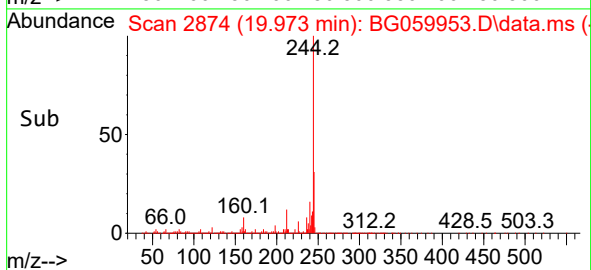
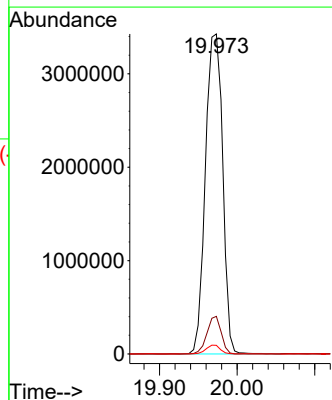
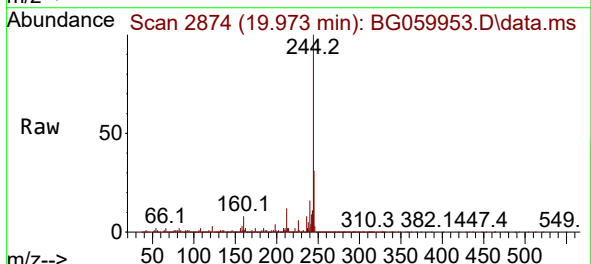
Instrument :
BNA_G
ClientSampleId :
VAULT-1RE

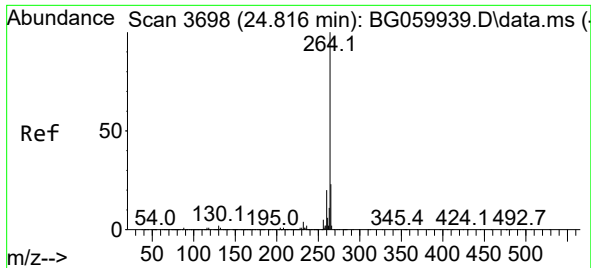
Tgt Ion:184 Resp: 103475
Ion Ratio Lower Upper
184 100
185 19.6 12.0 18.0#
183 12.1 9.7 14.5



#79
Terphenyl-d14
Concen: 66.313 ng
RT: 19.973 min Scan# 2874
Delta R.T. -0.002 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

Tgt Ion:244 Resp: 5281825
Ion Ratio Lower Upper
244 100
212 11.8 8.6 13.0
122 2.7 2.1 3.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.815 min Scan# 30
Delta R.T. -0.001 min
Lab File: BG059953.D
Acq: 5 Dec 2023 17:27

Instrument :
BNA_G
ClientSampleId :
VAULT-1RE

Tgt Ion:264 Resp: 1624434
Ion Ratio Lower Upper
264 100
260 25.9 15.8 23.6#
265 20.4 18.1 27.1

