

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
 Data File : BG059960.D
 Acq On : 5 Dec 2023 22:11
 Operator : MA/JU
 Sample : 05521-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-COMP

Quant Time: Dec 05 22:54:39 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)

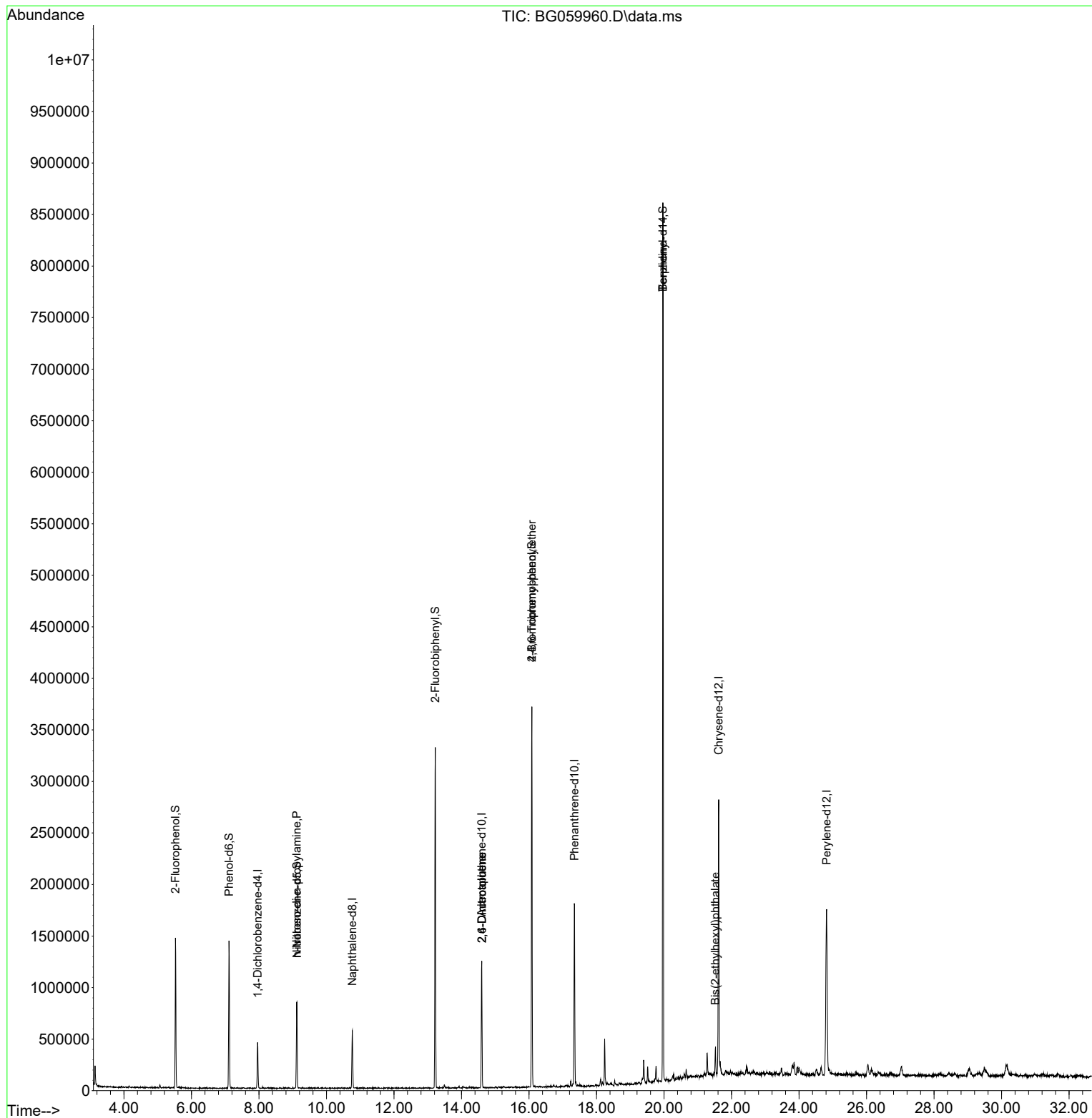
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	119446	20.000	ng	# 0.00
21) Naphthalene-d8	10.766	136	430562	20.000	ng	# 0.00
39) Acenaphthene-d10	14.597	164	423002	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	1303597	20.000	ng	0.00
76) Chrysene-d12	21.618	240	1831705	20.000	ng	# 0.00
86) Perylene-d12	24.815	264	2183370	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	512891	86.275	ng	0.00
7) Phenol-d6	7.112	99	697713	74.464	ng	0.00
23) Nitrobenzene-d5	9.121	82	527522	43.797	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	919650	67.573	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	1791133	46.183	ng	0.00
79) Terphenyl-d14	19.967	244	4515800	42.500	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.115	70	78996	11.250	ng	# 79
51) 2,6-Dinitrotoluene	14.603	165	56682	7.185	ng	# 20
57) 2,4-Dinitrotoluene	14.603	165	56682	5.166	ng	# 24
67) 4-Bromophenyl-phenylether	16.084	248	52675	2.359	ng	# 1
77) Benzidine	19.967	184	79544	5.153	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.519	149	122997	5.813	ng	95

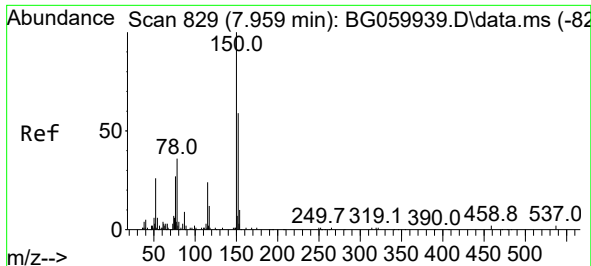
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
Data File : BG059960.D
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Misc :
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SP-1-COMP

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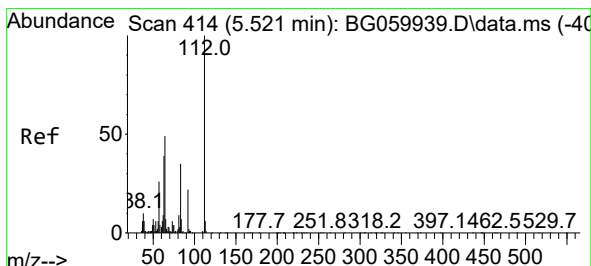
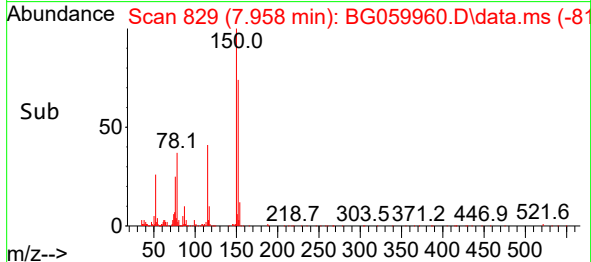
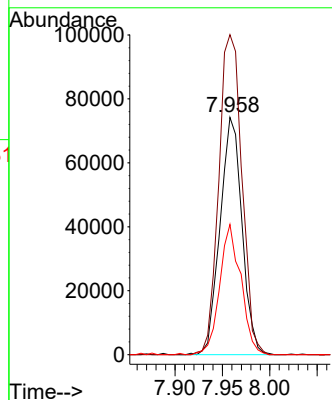
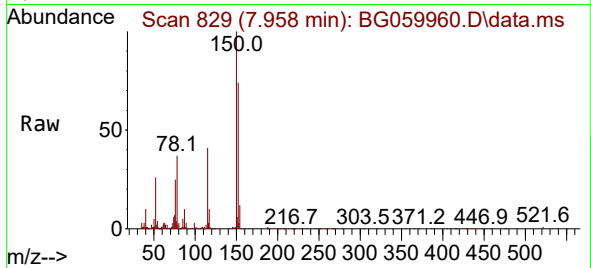




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

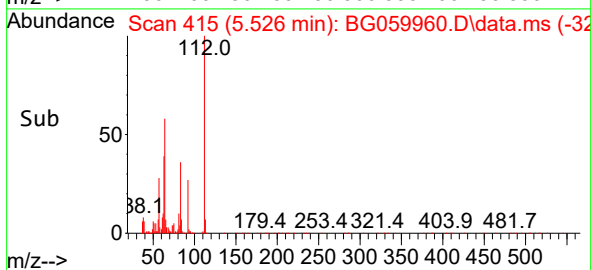
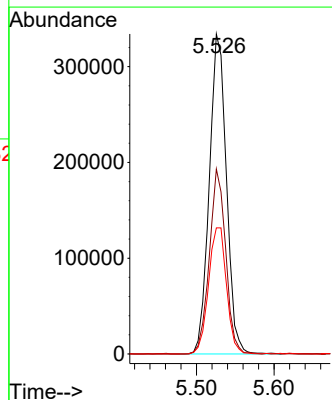
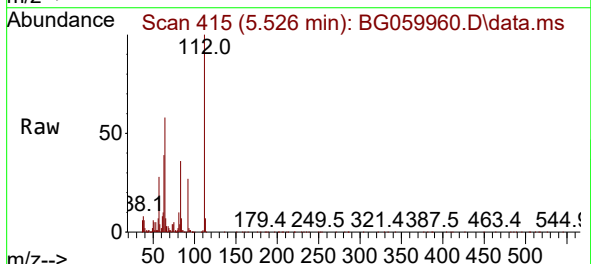
Instrument :
BNA_G
ClientSampleId :
SP-1-COMP

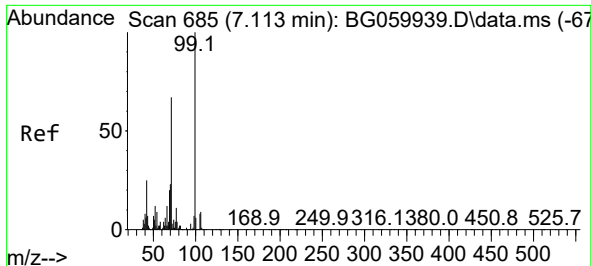
Tgt Ion:152 Resp: 119446
Ion Ratio Lower Upper
152 100
150 134.8 136.9 205.3#
115 54.9 32.9 49.3#



#5
2-Fluorophenol
Concen: 86.275 ng
RT: 5.526 min Scan# 415
Delta R.T. 0.005 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

Tgt Ion:112 Resp: 512891
Ion Ratio Lower Upper
112 100
64 57.8 39.4 59.0
63 39.4 31.2 46.8

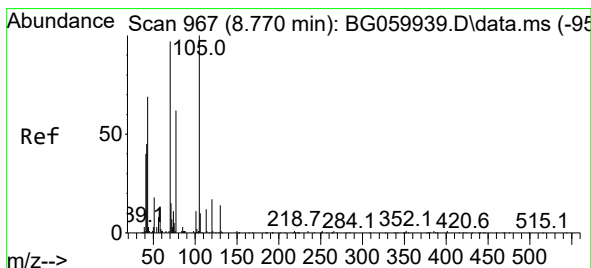
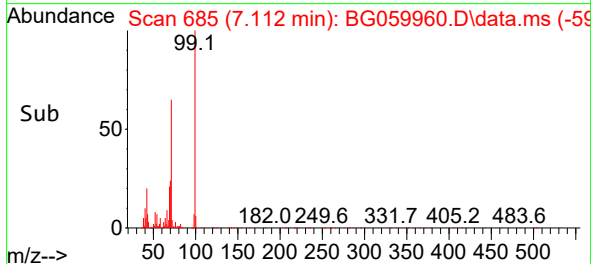
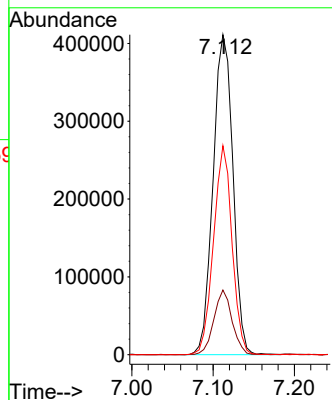
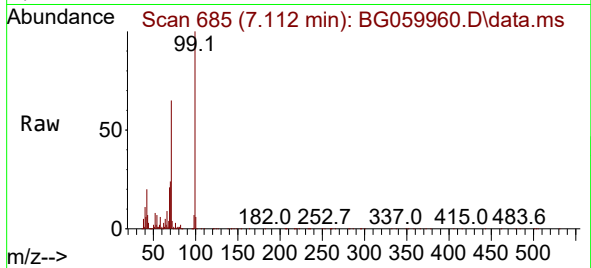




#7
Phenol-d6
Concen: 74.464 ng
RT: 7.112 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

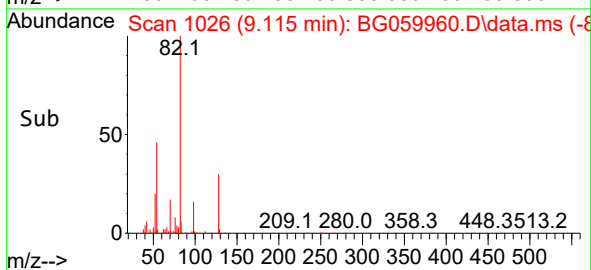
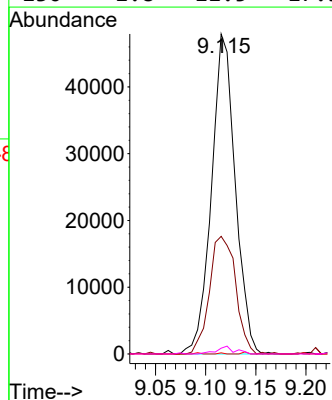
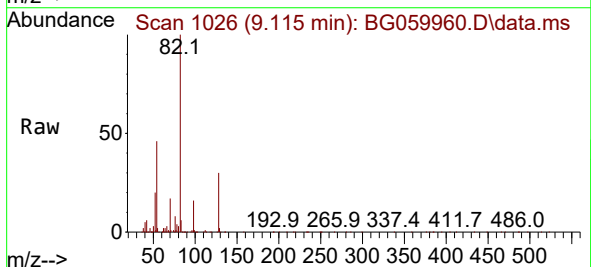
Instrument :
BNA_G
ClientSampleId :
SP-1-COMP

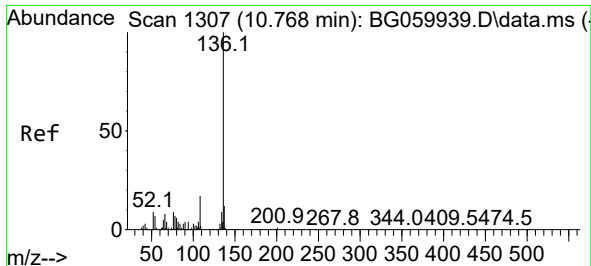
Tgt Ion: 99 Resp: 697713
Ion Ratio Lower Upper
99 100
42 20.2 20.1 30.1
71 65.3 53.8 80.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.250 ng
RT: 9.115 min Scan# 1026
Delta R.T. 0.345 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

Tgt Ion: 70 Resp: 78996
Ion Ratio Lower Upper
70 100
42 36.7 38.1 57.1#
101 0.3 8.6 13.0#
130 1.8 11.5 17.3#

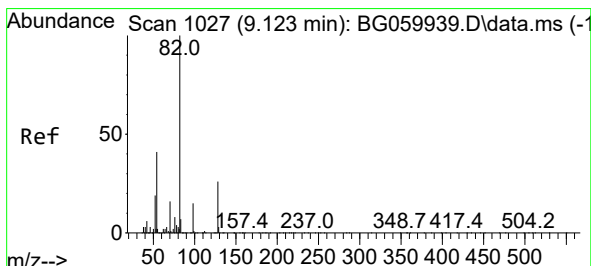
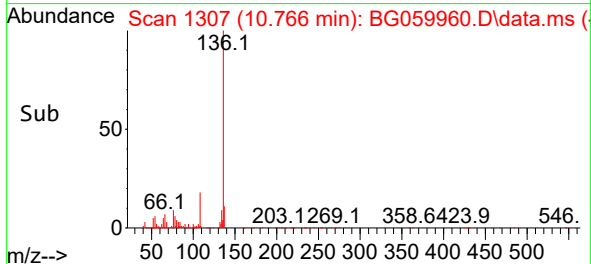
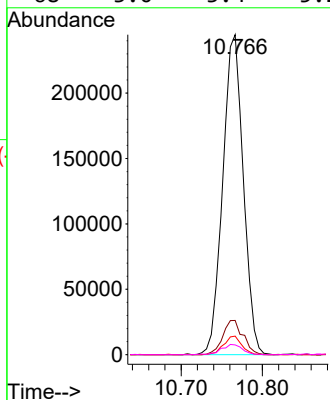
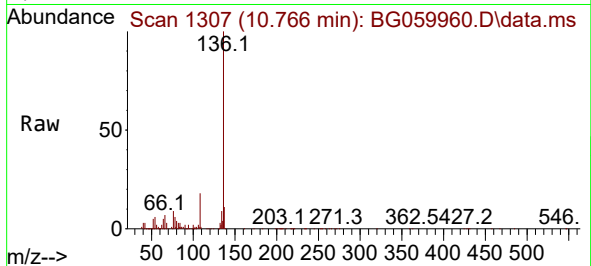




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.766 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

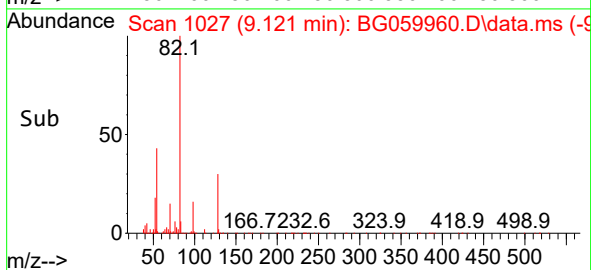
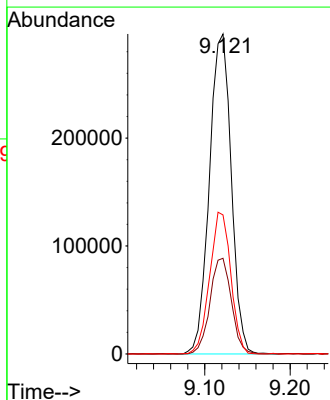
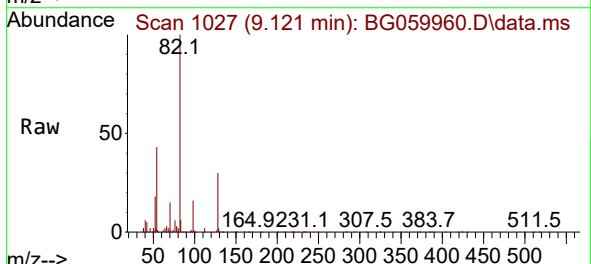
Instrument :
BNA_G
ClientSampleId :
SP-1-COMP

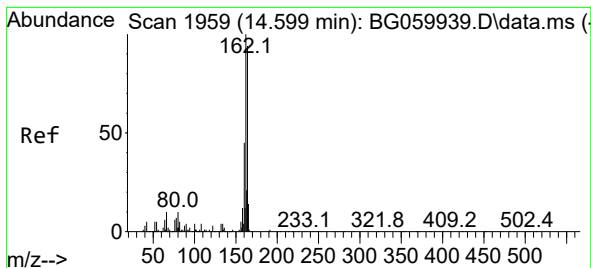
Tgt Ion:136 Resp: 430562
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 5.8 5.8 8.6
68 3.0 3.4 5.2#



#23
Nitrobenzene-d5
Concen: 43.797 ng
RT: 9.121 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

Tgt Ion: 82 Resp: 527522
Ion Ratio Lower Upper
82 100
128 29.9 21.0 31.6
54 43.5 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: BG059960.D

Acq: 5 Dec 2023 22:11

Instrument :

BNA_G

ClientSampleId :

SP-1-COMP

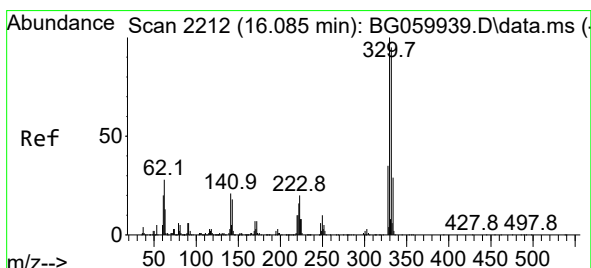
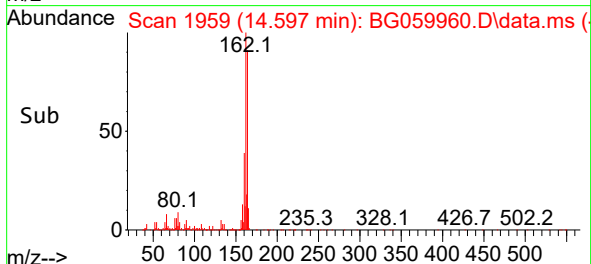
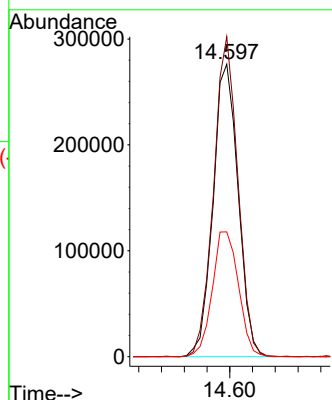
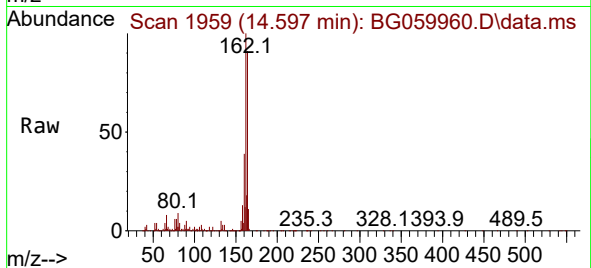
Tgt Ion:164 Resp: 423002

Ion Ratio Lower Upper

164 100

162 109.4 85.0 127.6

160 42.7 38.1 57.1



#42

2,4,6-Tribromophenol

Concen: 67.573 ng

RT: 16.084 min Scan# 2212

Delta R.T. -0.001 min

Lab File: BG059960.D

Acq: 5 Dec 2023 22:11

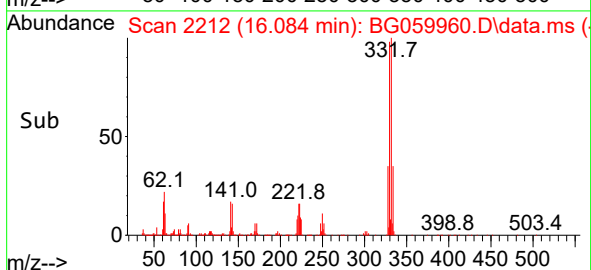
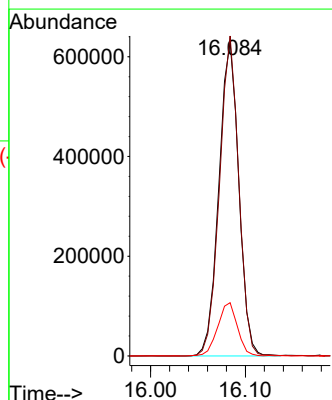
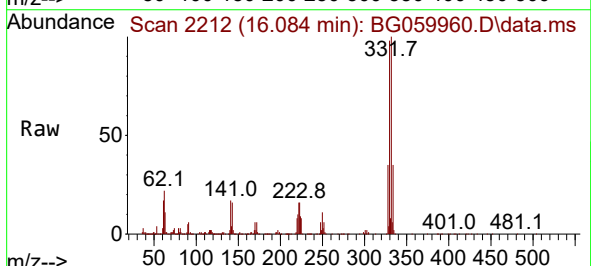
Tgt Ion:330 Resp: 919650

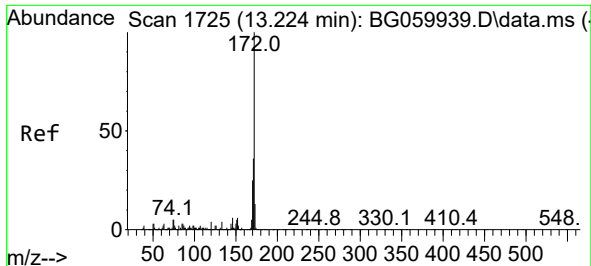
Ion Ratio Lower Upper

330 100

332 98.3 76.5 114.7

141 16.9 15.0 22.6

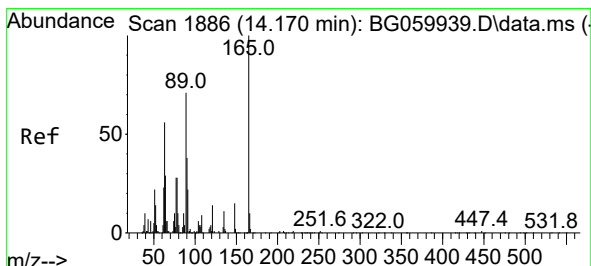
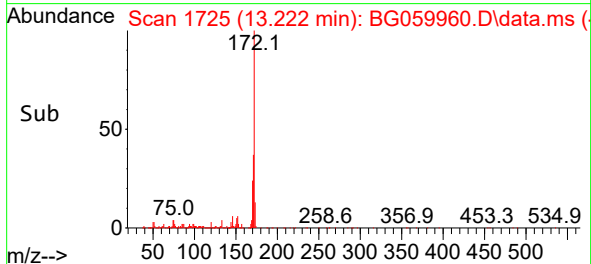
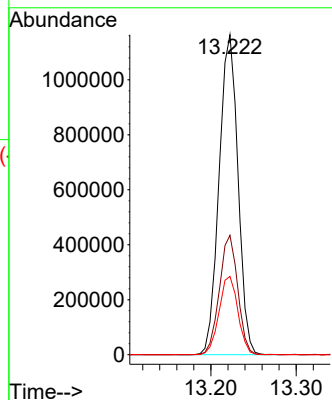
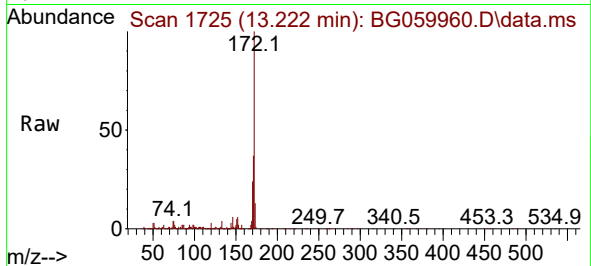




#45
2-Fluorobiphenyl
Concen: 46.183 ng
RT: 13.222 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

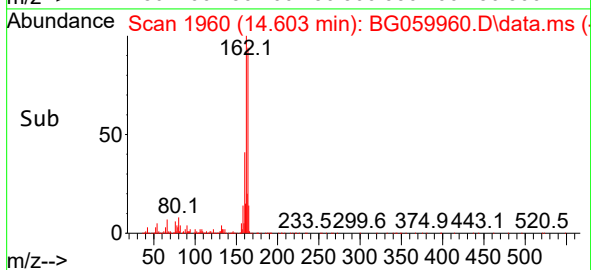
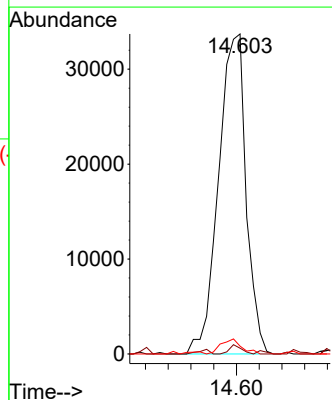
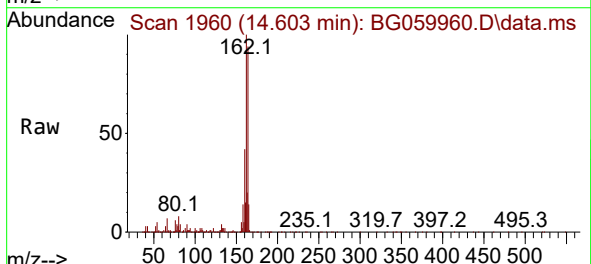
Instrument :
BNA_G
ClientSampleId :
SP-1-COMP

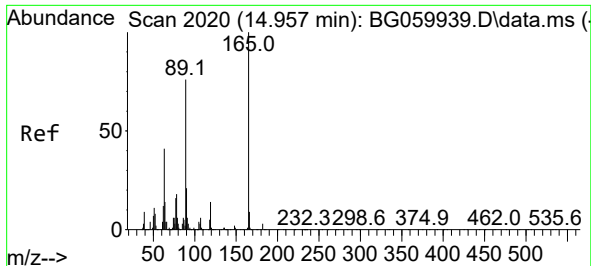
Tgt Ion:172 Resp: 1791133
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 24.4 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 7.185 ng
RT: 14.603 min Scan# 1960
Delta R.T. 0.433 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

Tgt Ion:165 Resp: 56682
Ion Ratio Lower Upper
165 100
63 1.8 47.2 70.8#
89 2.5 57.1 85.7#





#57

2,4-Dinitrotoluene

Concen: 5.166 ng

RT: 14.603 min Scan# 1960

Delta R.T. -0.354 min

Lab File: BG059960.D

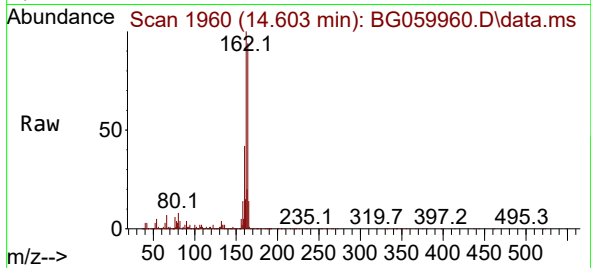
Acq: 5 Dec 2023 22:11

Instrument :

BNA_G

ClientSampleId :

SP-1-COMP



Tgt Ion:165 Resp: 56682

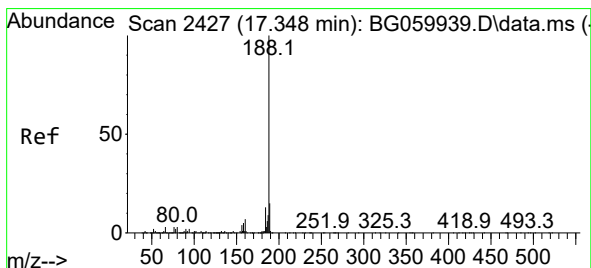
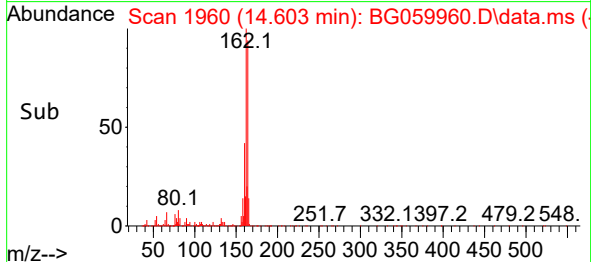
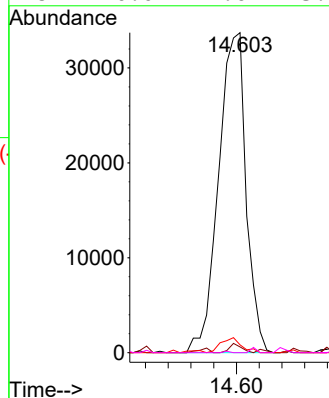
Ion Ratio Lower Upper

165 100

63 1.8 32.8 49.2#

89 2.5 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: BG059960.D

Acq: 5 Dec 2023 22:11

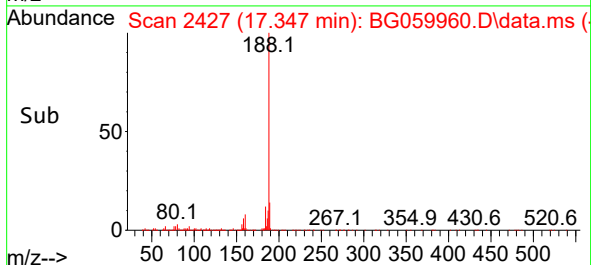
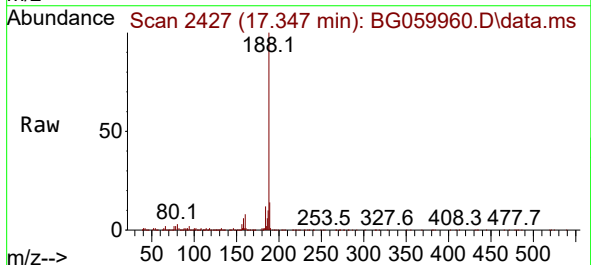
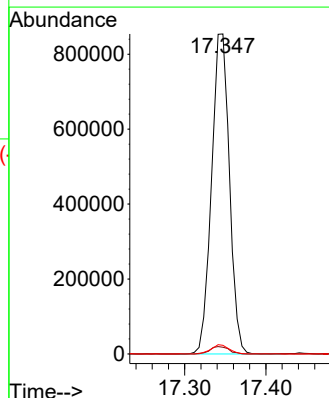
Tgt Ion:188 Resp: 1303597

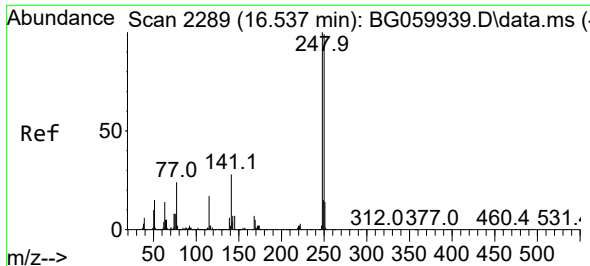
Ion Ratio Lower Upper

188 100

94 2.1 1.8 2.6

80 2.7 2.2 3.4

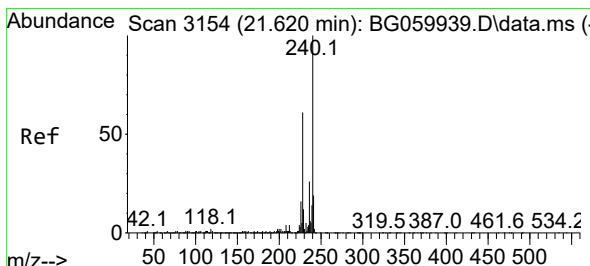
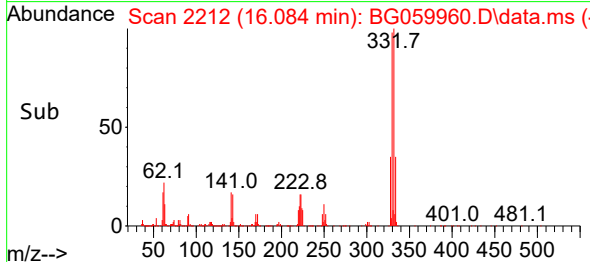
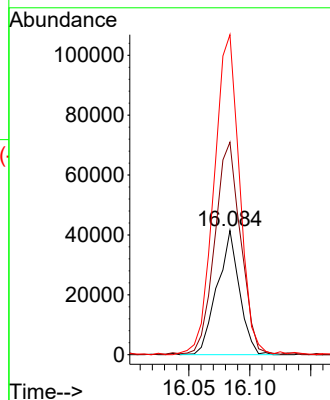
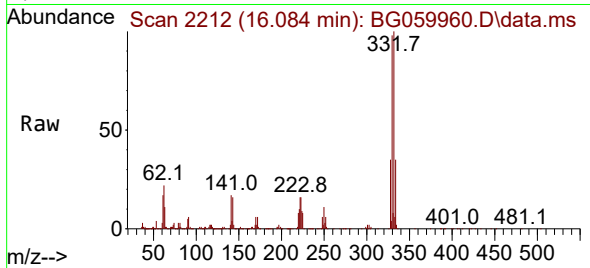




#67
4-Bromophenyl-phenylether
Concen: 2.359 ng
RT: 16.084 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

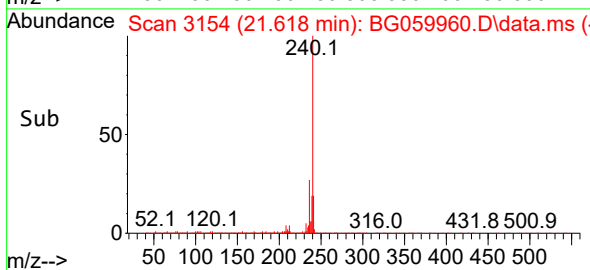
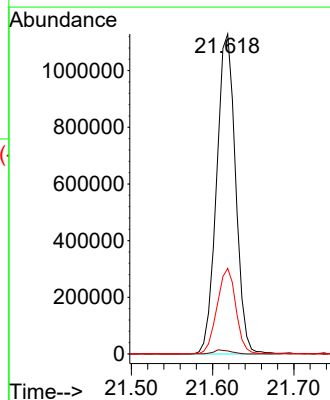
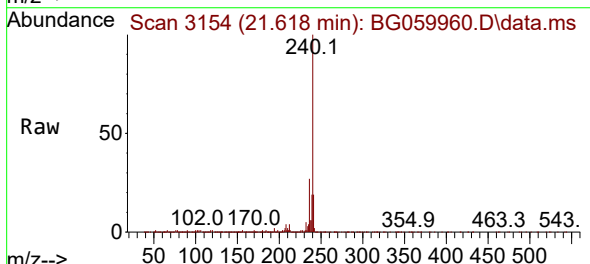
Instrument :
BNA_G
ClientSampleId :
SP-1-COMP

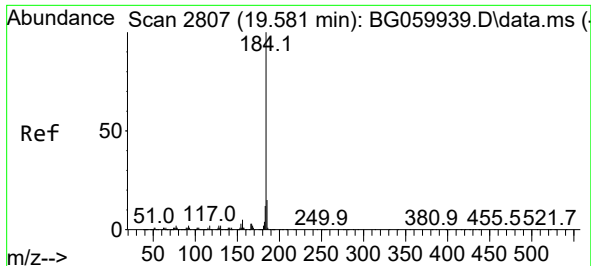
Tgt Ion:248 Resp: 52675
Ion Ratio Lower Upper
248 100
250 136.4 79.0 118.4#
141 205.5 22.3 33.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.618 min Scan# 3154
Delta R.T. -0.001 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

Tgt Ion:240 Resp: 1831705
Ion Ratio Lower Upper
240 100
120 1.0 1.0 1.4#
236 26.7 20.8 31.2

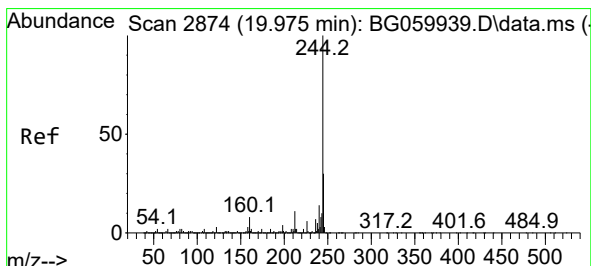
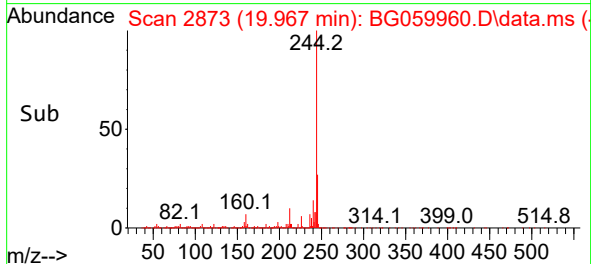
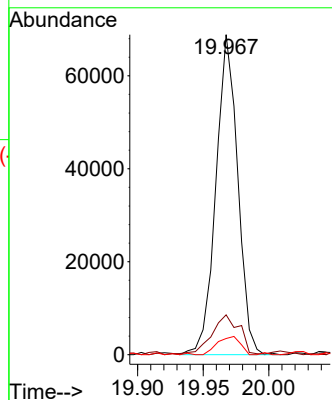
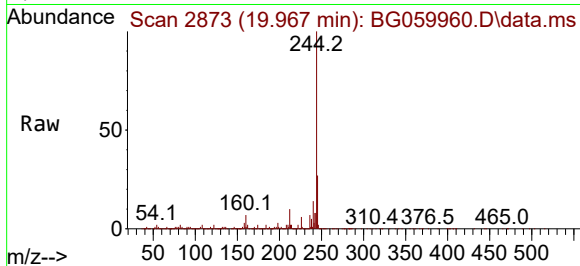




#77
Benzidine
Concen: 5.153 ng
RT: 19.967 min Scan# 2873
Delta R.T. 0.386 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

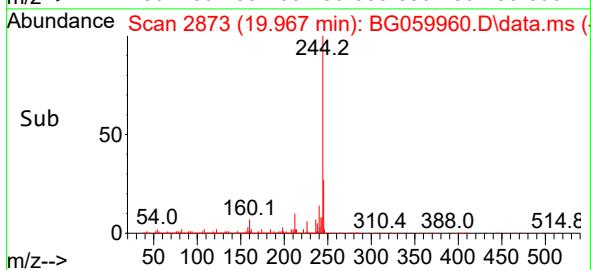
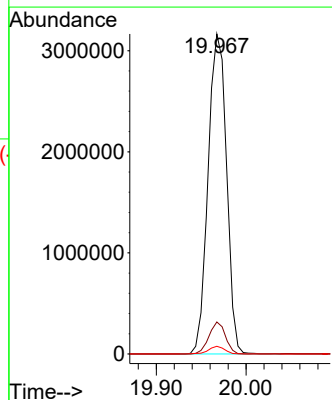
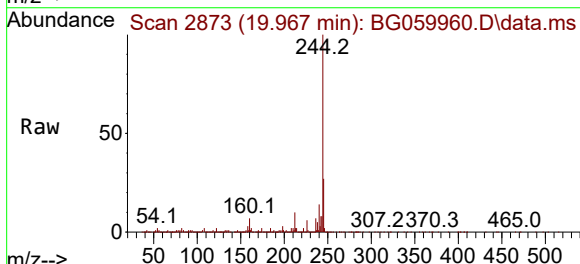
Instrument :
BNA_G
ClientSampleId :
SP-1-COMP

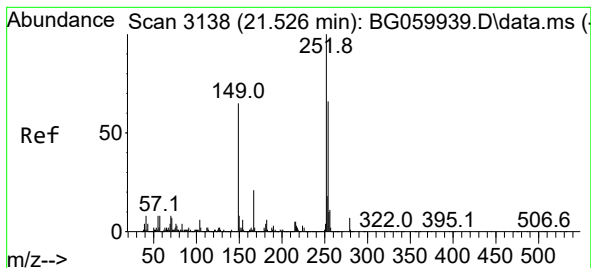
Tgt Ion:184 Resp: 79544
Ion Ratio Lower Upper
184 100
185 12.5 12.0 18.0
183 5.1 9.7 14.5#



#79
Terphenyl-d14
Concen: 42.500 ng
RT: 19.967 min Scan# 2873
Delta R.T. -0.008 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

Tgt Ion:244 Resp: 4515800
Ion Ratio Lower Upper
244 100
212 10.0 8.6 13.0
122 2.4 2.1 3.1

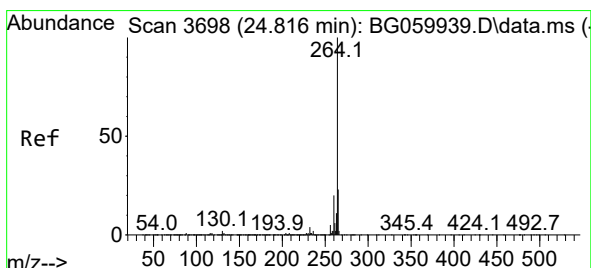
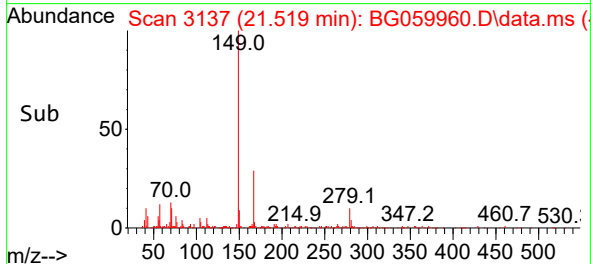
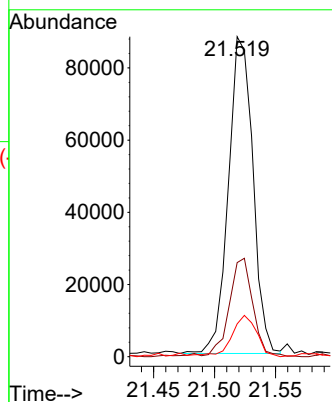
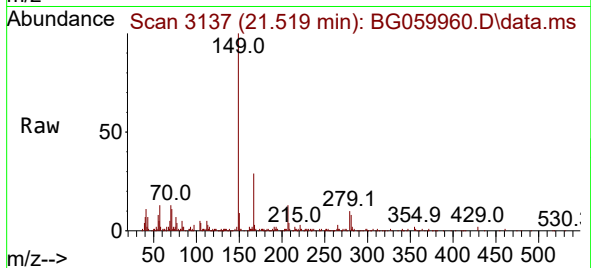




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.813 ng
RT: 21.519 min Scan# 3138
Delta R.T. -0.007 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

Instrument :
BNA_G
ClientSampleId :
SP-1-COMP

Tgt Ion:149 Resp: 122997
Ion Ratio Lower Upper
149 100
167 29.4 26.1 39.1
279 10.3 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.815 min Scan# 3698
Delta R.T. -0.001 min
Lab File: BG059960.D
Acq: 5 Dec 2023 22:11

Tgt Ion:264 Resp: 2183370
Ion Ratio Lower Upper
264 100
260 23.7 15.8 23.6#
265 21.7 18.1 27.1

