

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
 Data File : BG059975.D
 Acq On : 6 Dec 2023 18:40
 Operator : MA/JU
 Sample : 05585-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P3874-SP2

Quant Time: Dec 06 23:17:36 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)

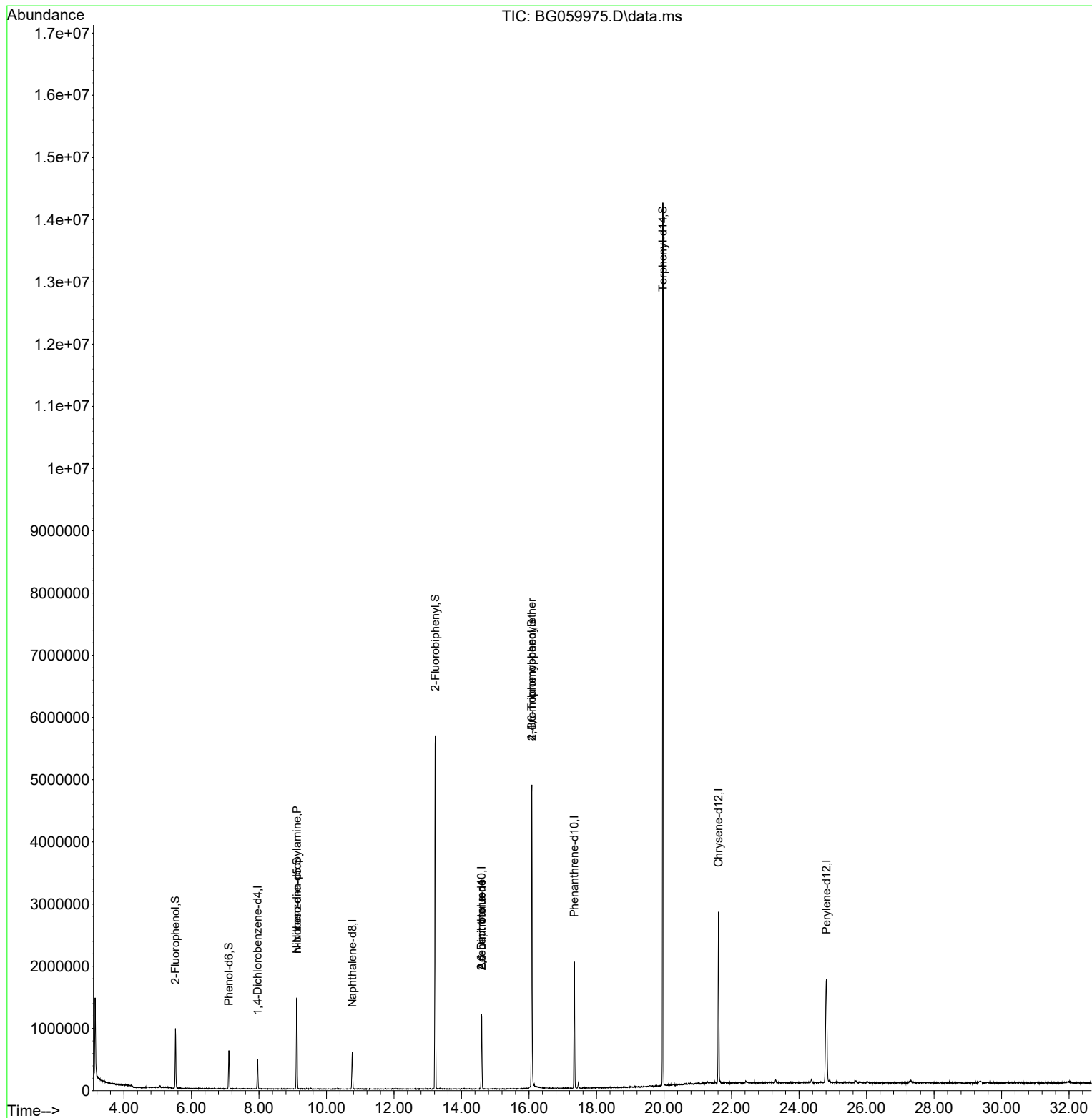
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	127953	20.000	ng	# 0.00
21) Naphthalene-d8	10.761	136	453811	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	431362	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	1436046	20.000	ng	0.00
76) Chrysene-d12	21.613	240	1892050	20.000	ng	# 0.00
86) Perylene-d12	24.809	264	2274547	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	390804	61.368	ng	0.00
7) Phenol-d6	7.106	99	326701	32.549	ng	0.00
23) Nitrobenzene-d5	9.122	82	912789	71.901	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	1304333	93.981	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	3145809	79.541	ng	0.00
79) Terphenyl-d14	19.968	244	6447397	58.744	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.122	70	136009	18.081	ng	# 80
51) 2,6-Dinitrotoluene	14.592	165	59661	7.416	ng	# 19
57) 2,4-Dinitrotoluene	14.592	165	59661	5.332	ng	# 23
67) 4-Bromophenyl-phenylether	16.084	248	80894	3.288	ng	# 1

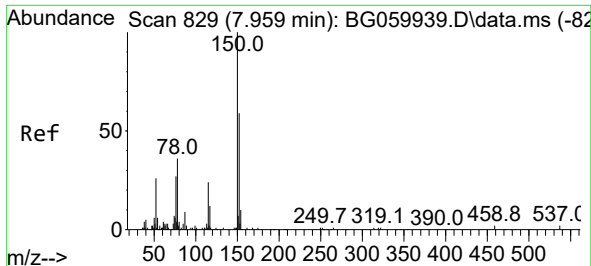
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
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QLast Update : Tue Dec 05 02:26:15 2023
Response via : Initial Calibration

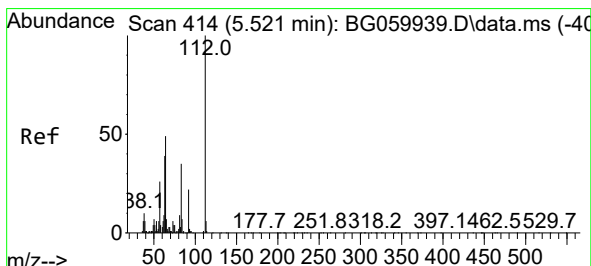
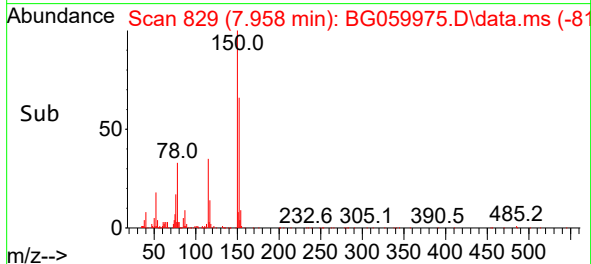
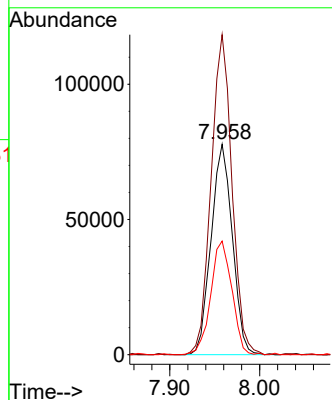
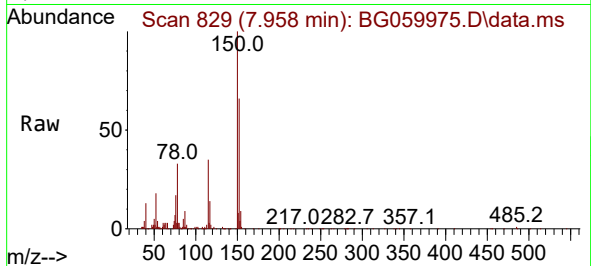




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG059975.D
Acq: 6 Dec 2023 18:40

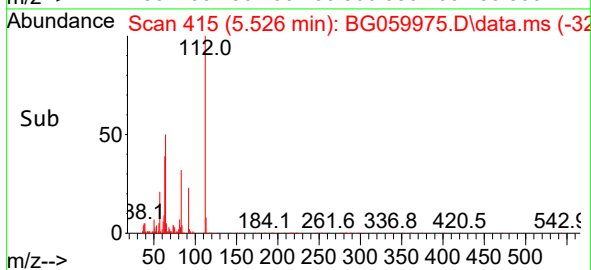
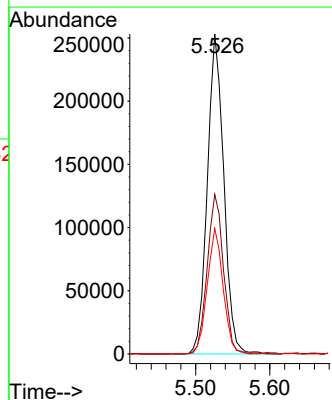
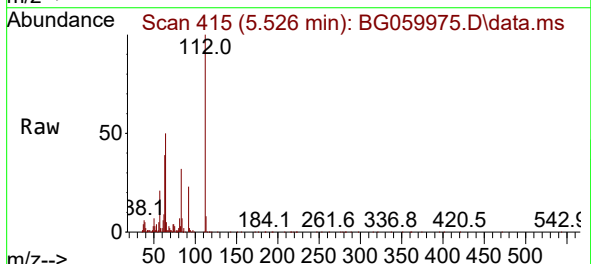
Instrument :
BNA_G
ClientSampleId :
P3874-SP2

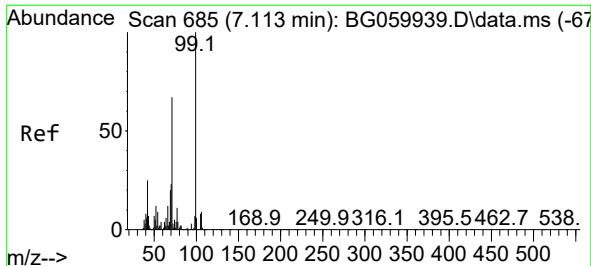
Tgt Ion:152 Resp: 127953
Ion Ratio Lower Upper
152 100
150 152.1 136.9 205.3
115 54.0 32.9 49.3#



#5
2-Fluorophenol
Concen: 61.368 ng
RT: 5.526 min Scan# 415
Delta R.T. 0.005 min
Lab File: BG059975.D
Acq: 6 Dec 2023 18:40

Tgt Ion:112 Resp: 390804
Ion Ratio Lower Upper
112 100
64 49.9 39.4 59.0
63 39.2 31.2 46.8

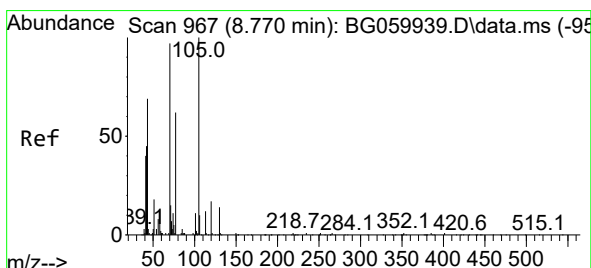
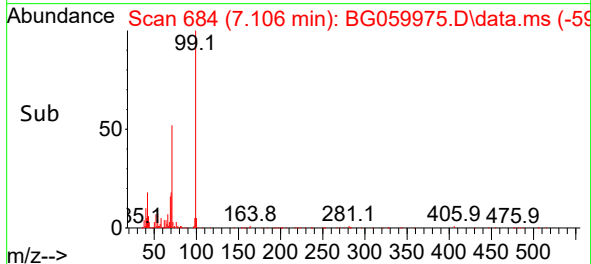
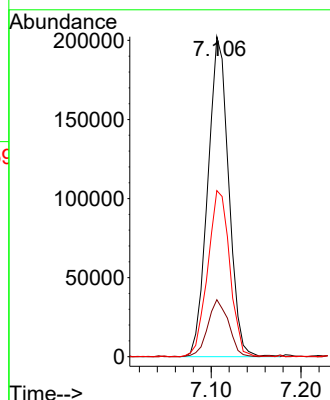
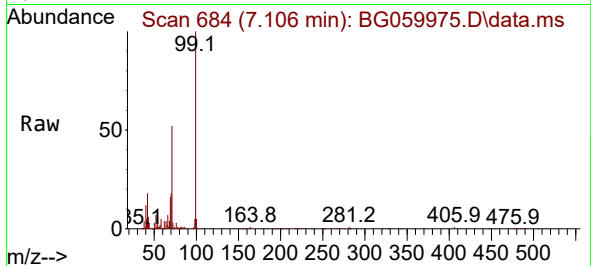




#7
Phenol-d6
Concen: 32.549 ng
RT: 7.106 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG059975.D
Acq: 6 Dec 2023 18:40

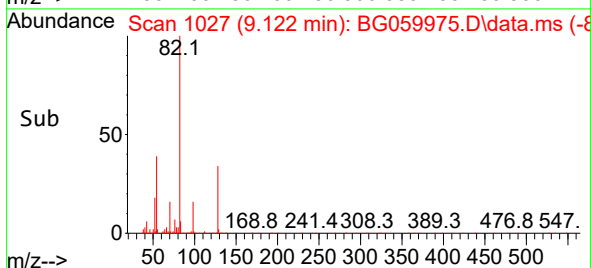
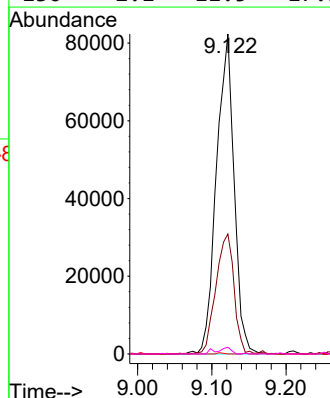
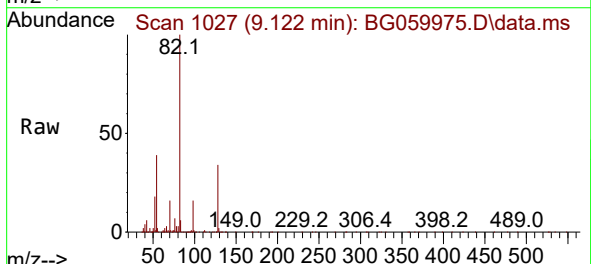
Instrument :
BNA_G
ClientSampleId :
P3874-SP2

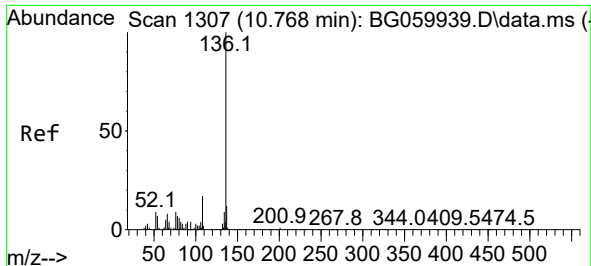
Tgt Ion: 99 Resp: 326701
Ion Ratio Lower Upper
99 100
42 17.8 20.1 30.1#
71 51.9 53.8 80.6#



#19
n-Nitroso-di-n-propylamine
Concen: 18.081 ng
RT: 9.122 min Scan# 1027
Delta R.T. 0.351 min
Lab File: BG059975.D
Acq: 6 Dec 2023 18:40

Tgt Ion: 70 Resp: 136009
Ion Ratio Lower Upper
70 100
42 37.5 38.1 57.1#
101 0.5 8.6 13.0#
130 2.1 11.5 17.3#

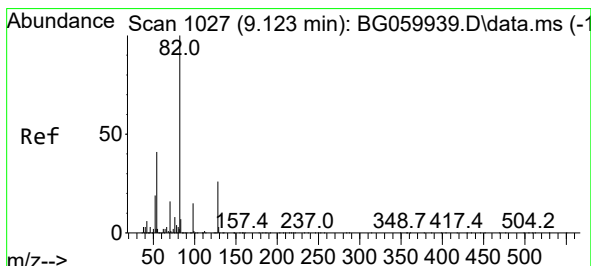
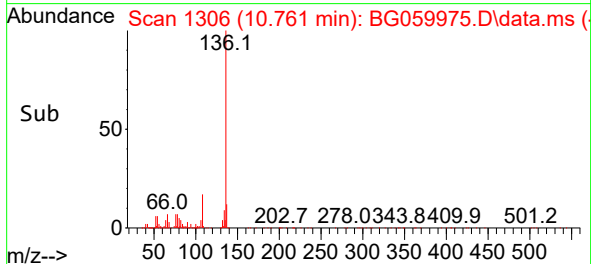
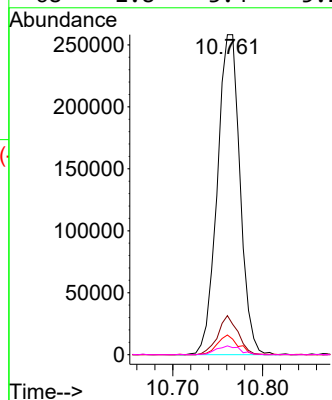
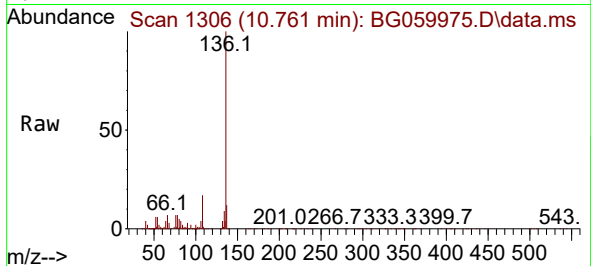




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG059975.D
Acq: 6 Dec 2023 18:40

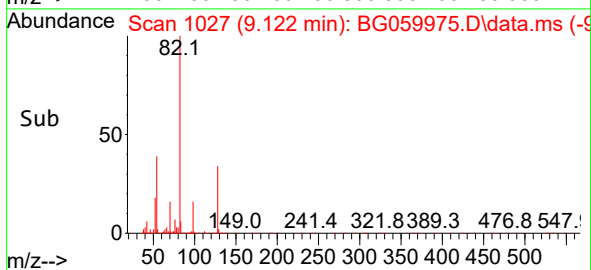
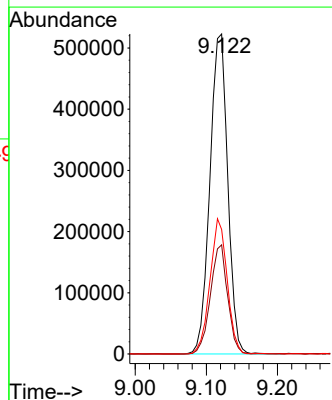
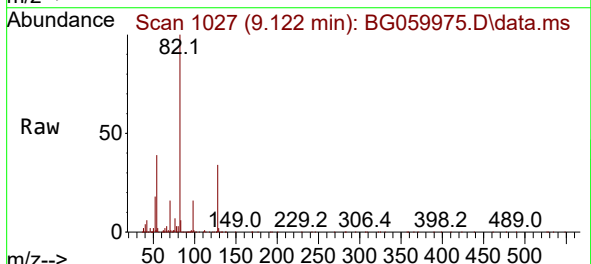
Instrument :
BNA_G
ClientSampleId :
P3874-SP2

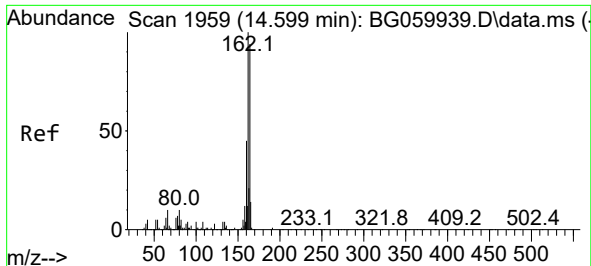
Tgt Ion:136 Resp: 453811
Ion Ratio Lower Upper
136 100
137 12.2 9.8 14.6
54 6.1 5.8 8.6
68 2.8 3.4 5.2#



#23
Nitrobenzene-d5
Concen: 71.901 ng
RT: 9.122 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG059975.D
Acq: 6 Dec 2023 18:40

Tgt Ion: 82 Resp: 912789
Ion Ratio Lower Upper
82 100
128 34.1 21.0 31.6#
54 38.9 32.6 48.8

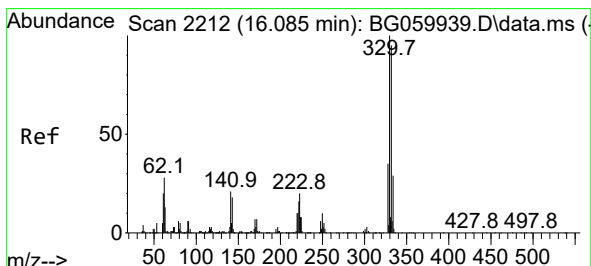
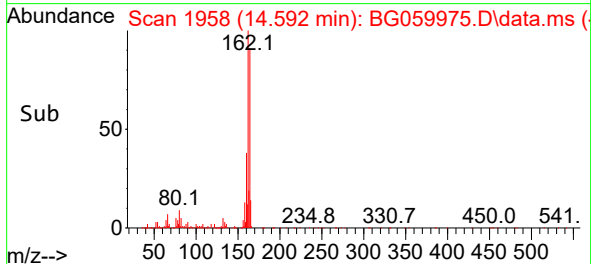
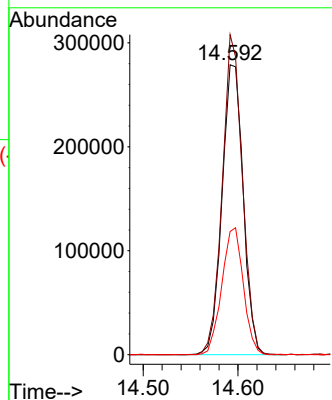
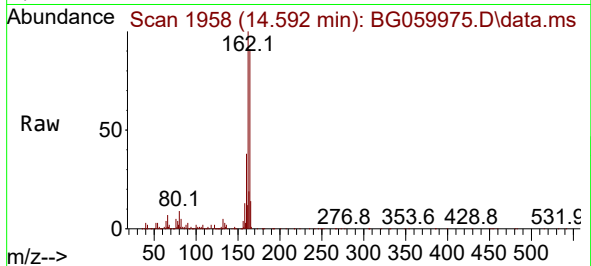




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.007 min
Lab File: BG059975.D
Acq: 6 Dec 2023 18:40

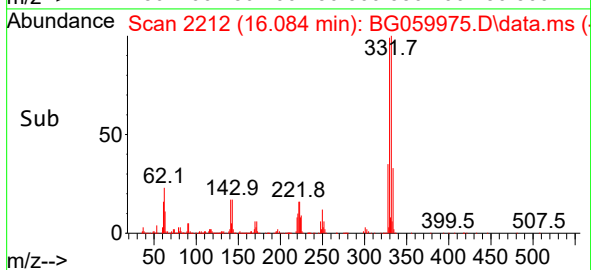
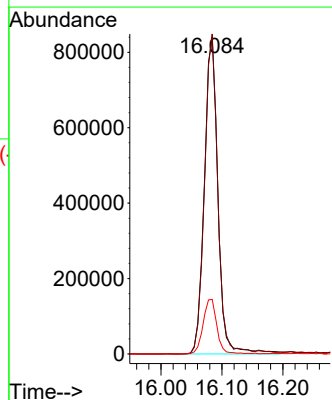
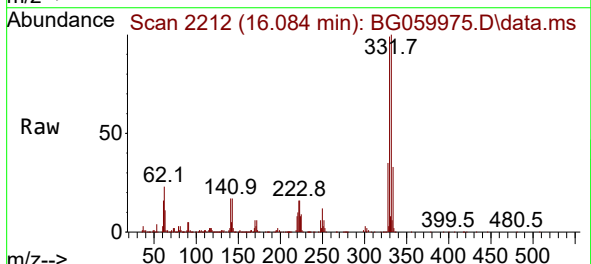
Instrument :
BNA_G
ClientSampleId :
P3874-SP2

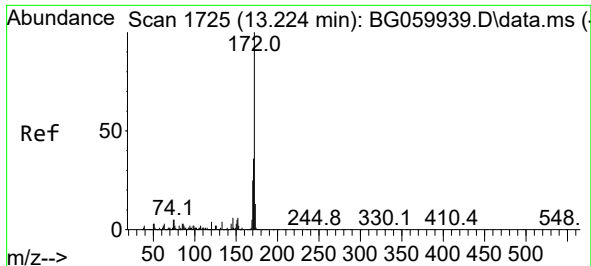
Tgt Ion:164 Resp: 431362
Ion Ratio Lower Upper
164 100
162 110.4 85.0 127.6
160 42.5 38.1 57.1



#42
2,4,6-Tribromophenol
Concen: 93.981 ng
RT: 16.084 min Scan# 2212
Delta R.T. -0.001 min
Lab File: BG059975.D
Acq: 6 Dec 2023 18:40

Tgt Ion:330 Resp: 1304333
Ion Ratio Lower Upper
330 100
332 98.5 76.5 114.7
141 17.6 15.0 22.6

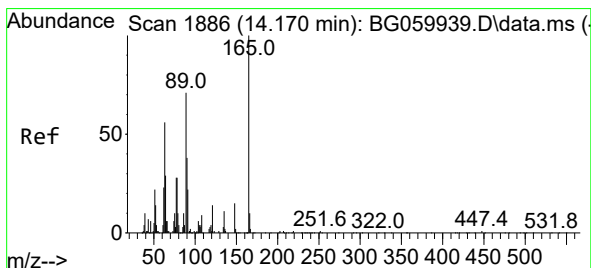
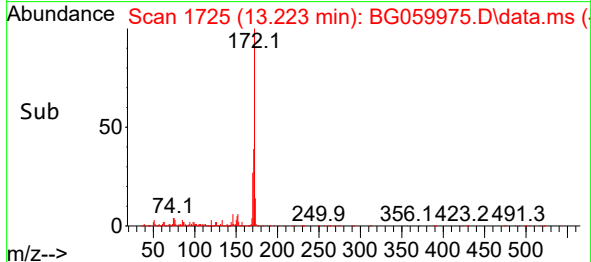
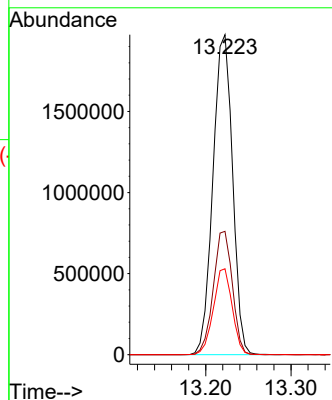
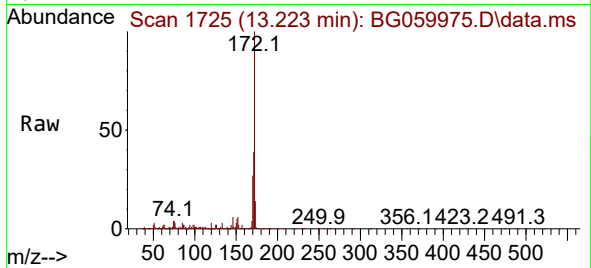




#45
2-Fluorobiphenyl
Concen: 79.541 ng
RT: 13.223 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059975.D
Acq: 6 Dec 2023 18:40

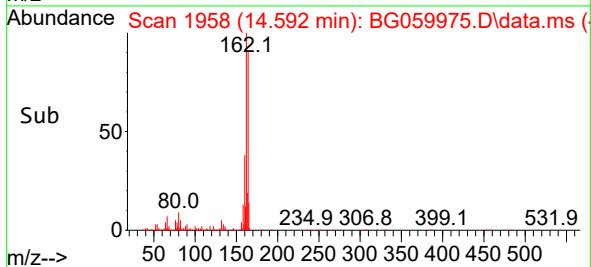
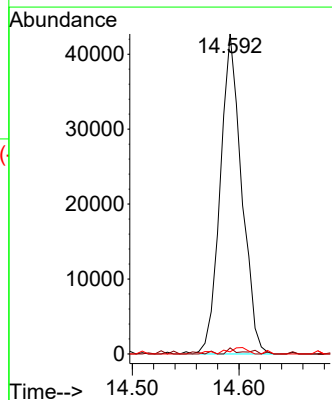
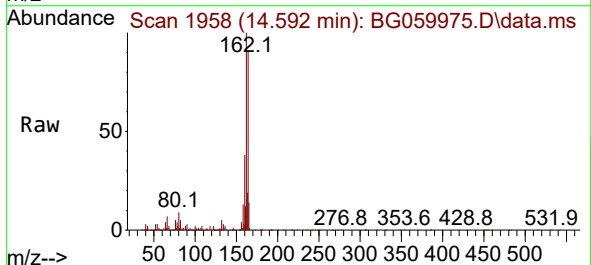
Instrument :
BNA_G
ClientSampleId :
P3874-SP2

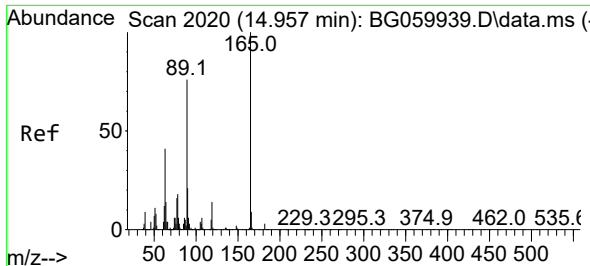
Tgt Ion:172 Resp: 3145809
Ion Ratio Lower Upper
172 100
171 38.6 28.6 43.0
170 26.8 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 7.416 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.422 min
Lab File: BG059975.D
Acq: 6 Dec 2023 18:40

Tgt Ion:165 Resp: 59661
Ion Ratio Lower Upper
165 100
63 1.9 47.2 70.8#
89 0.7 57.1 85.7#





#57

2,4-Dinitrotoluene

Concen: 5.332 ng

RT: 14.592 min Scan# 1958

Delta R.T. -0.365 min

Lab File: BG059975.D

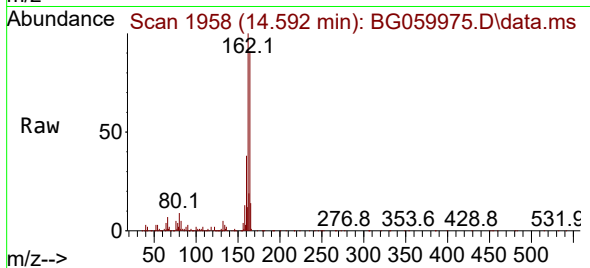
Acq: 6 Dec 2023 18:40

Instrument :

BNA_G

ClientSampleId :

P3874-SP2



Tgt Ion:165 Resp: 59661

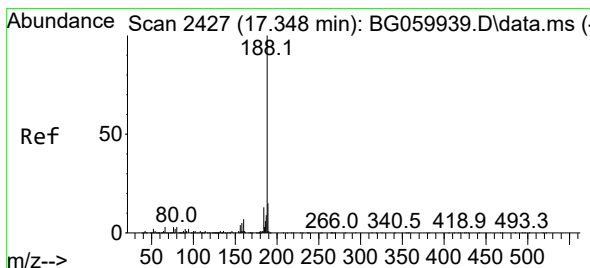
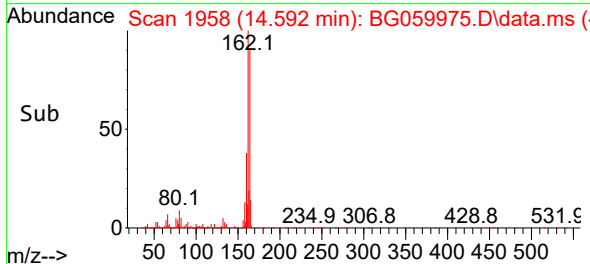
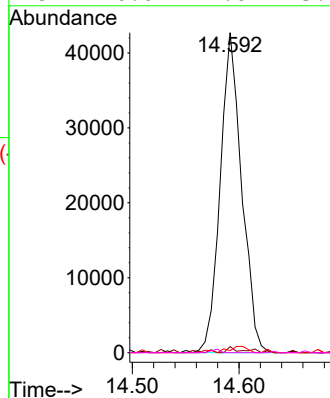
Ion Ratio Lower Upper

165 100

63 1.9 32.8 49.2#

89 0.7 60.6 90.8#

182 0.0 2.6 3.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.341 min Scan# 2426

Delta R.T. -0.007 min

Lab File: BG059975.D

Acq: 6 Dec 2023 18:40

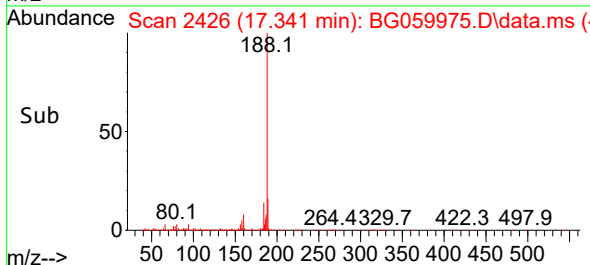
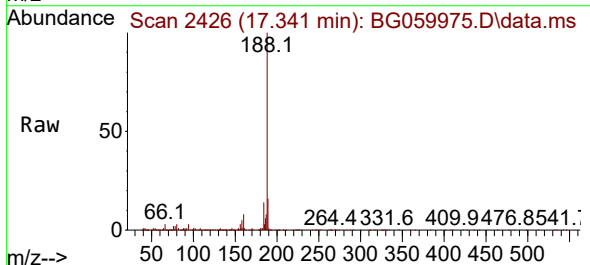
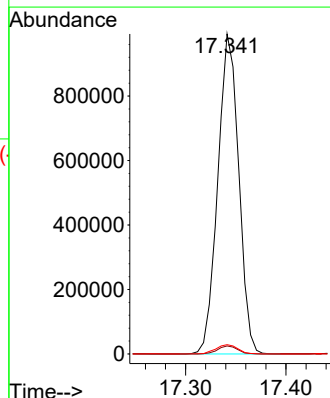
Tgt Ion:188 Resp: 1436046

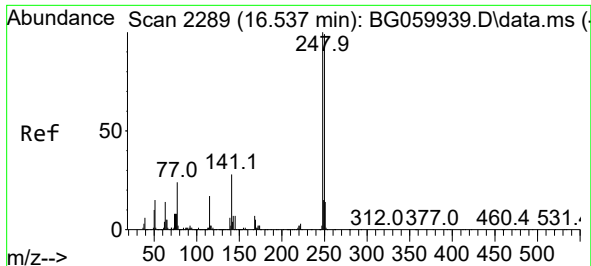
Ion Ratio Lower Upper

188 100

94 2.5 1.8 2.6

80 2.9 2.2 3.4

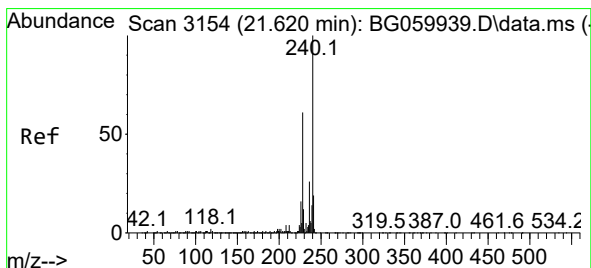
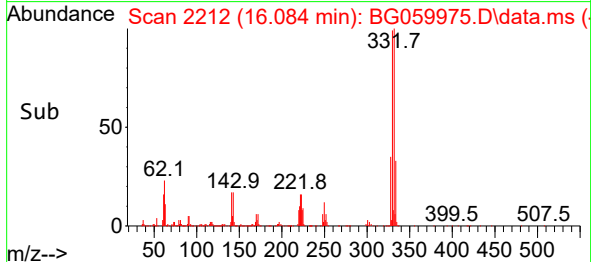
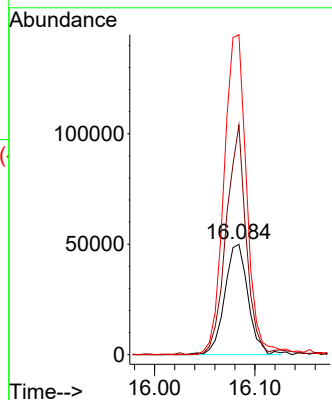
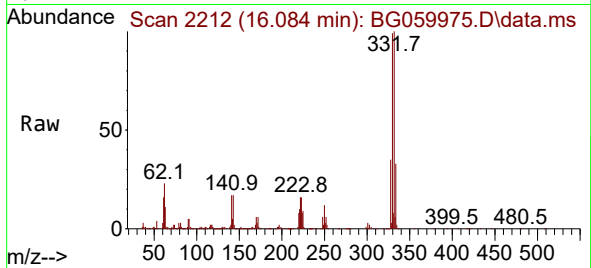




#67
4-Bromophenyl-phenylether
Concen: 3.288 ng
RT: 16.084 min Scan# 211
Delta R.T. -0.453 min
Lab File: BG059975.D
Acq: 6 Dec 2023 18:40

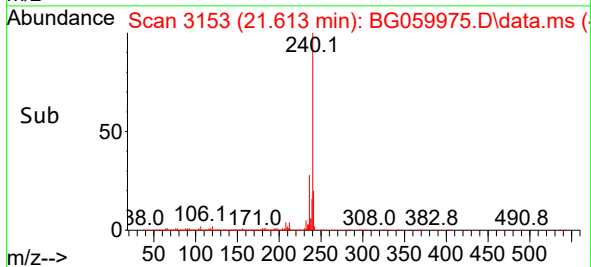
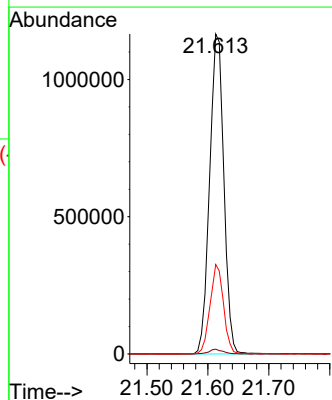
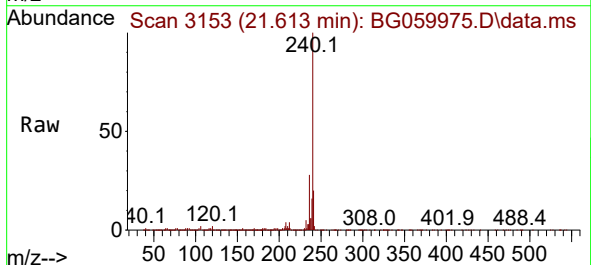
Instrument :
BNA_G
ClientSampleId :
P3874-SP2

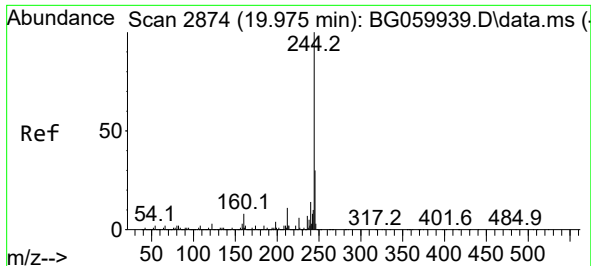
Tgt Ion:248 Resp: 80894
Ion Ratio Lower Upper
248 100
250 208.1 79.0 118.4#
141 290.0 22.3 33.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3153
Delta R.T. -0.007 min
Lab File: BG059975.D
Acq: 6 Dec 2023 18:40

Tgt Ion:240 Resp: 1892050
Ion Ratio Lower Upper
240 100
120 1.5 1.0 1.4#
236 27.9 20.8 31.2

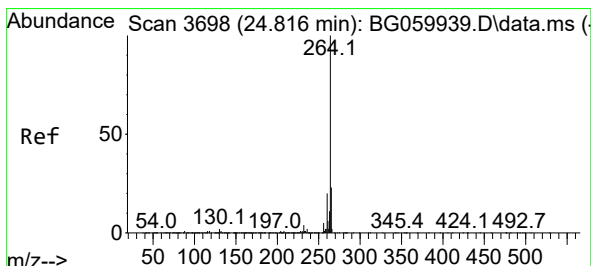
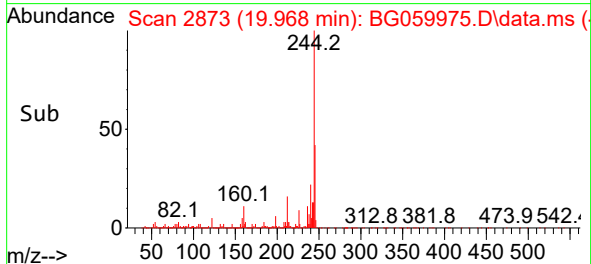
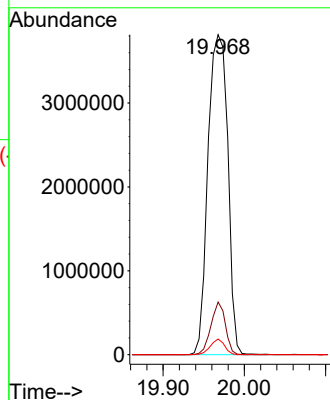
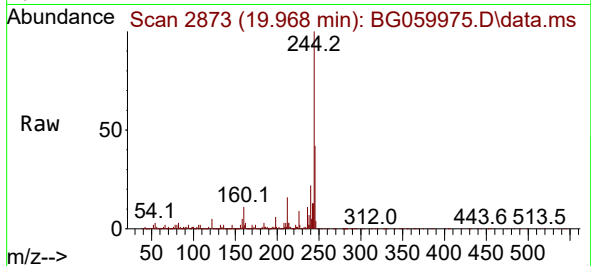




#79
 Terphenyl-d14
 Concen: 58.744 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG059975.D
 Acq: 6 Dec 2023 18:40

Instrument :
 BNA_G
 ClientSampleId :
 P3874-SP2

Tgt Ion:244 Resp: 6447397
 Ion Ratio Lower Upper
 244 100
 212 16.5 8.6 13.0#
 122 4.9 2.1 3.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.809 min Scan# 3697
 Delta R.T. -0.007 min
 Lab File: BG059975.D
 Acq: 6 Dec 2023 18:40

Tgt Ion:264 Resp: 2274547
 Ion Ratio Lower Upper
 264 100
 260 24.2 15.8 23.6#
 265 22.3 18.1 27.1

