

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060148.D
 Acq On : 22 Dec 2023 22:15
 Operator : MA/JU
 Sample : PB157841TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157841TB

Quant Time: Dec 25 00:40:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

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

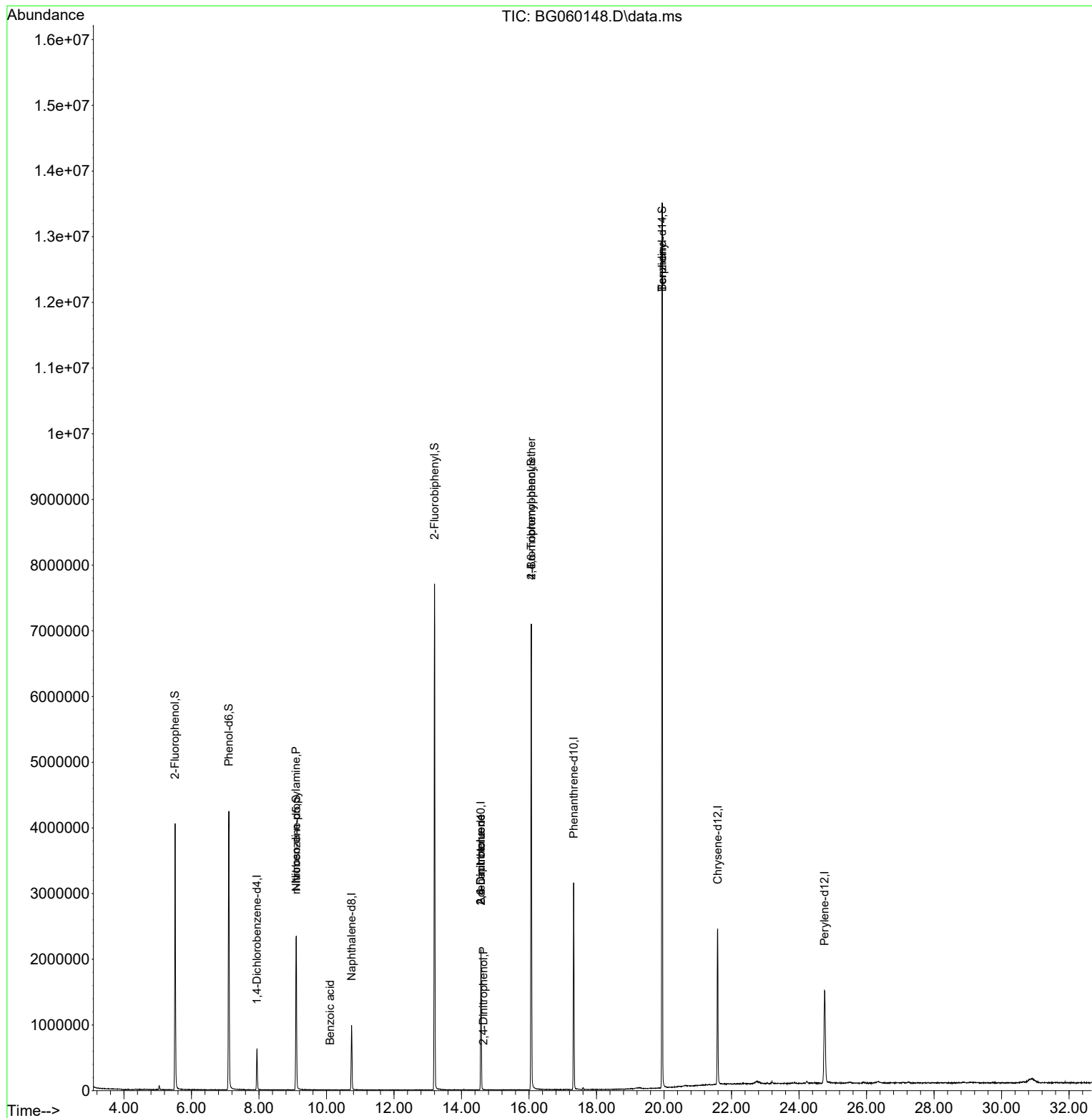
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	190248	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	868676	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	759750	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	2030724	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1443288	20.000	ng	0.00
86) Perylene-d12	24.756	264	1578045	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1859046	153.974	ng	0.00
7) Phenol-d6	7.106	99	2725146	134.114	ng	0.00
23) Nitrobenzene-d5	9.104	82	1578293	89.005	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1392959	136.171	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4164744	82.311	ng	0.00
79) Terphenyl-d14	19.944	244	5714247	71.643	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	195661	12.384	ng	# 77
32) Benzoic acid	10.109	122	64	5.093	ng	# 1
51) 2,6-Dinitrotoluene	14.574	165	99742	7.462	ng	# 26
54) 2,4-Dinitrophenol	14.644	184	59	6.625	ng	# 39
57) 2,4-Dinitrotoluene	14.574	165	99742	5.083	ng	# 25
67) 4-Bromophenyl-phenylether	16.066	248	89258	4.666	ng	# 1
77) Benzidine	19.944	184	117846	3.020	ng	# 95

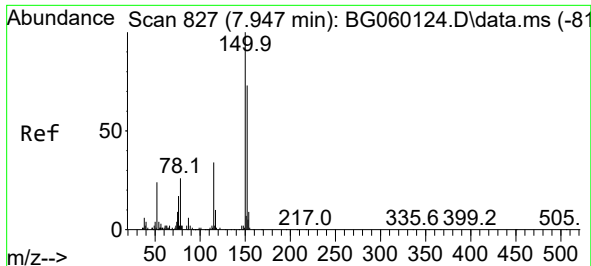
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
Data File : BG060148.D
Acq On : 22 Dec 2023 22:15
Operator : MA/JU
Sample : PB157841TB
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB157841TB

Quant Time: Dec 25 00:40:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:42:04 2023
Response via : Initial Calibration

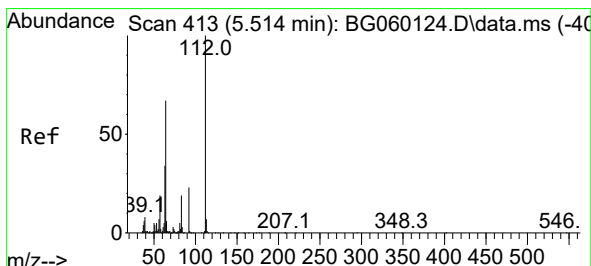
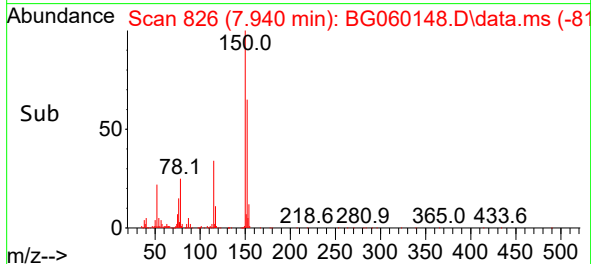
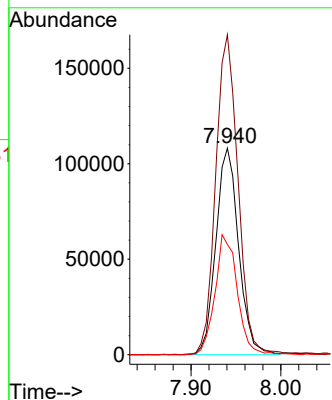
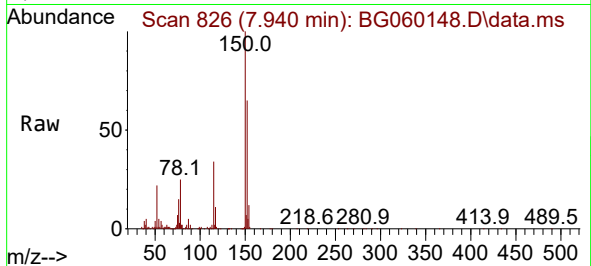




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

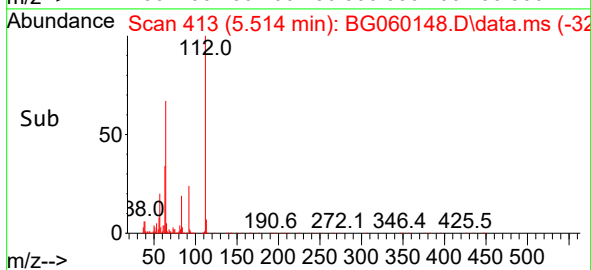
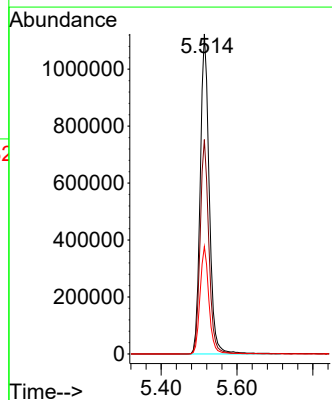
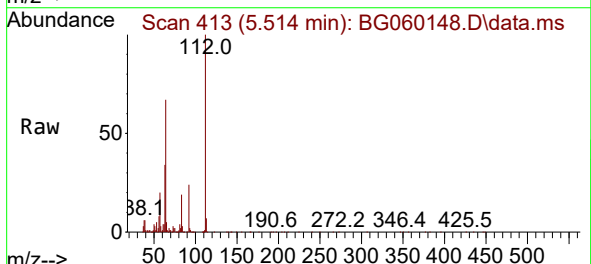
Instrument :
BNA_G
ClientSampleId :
PB157841TB

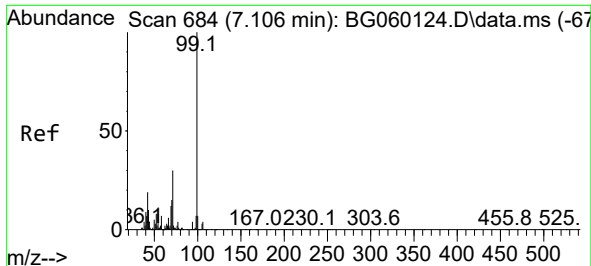
Tgt Ion:152 Resp: 190248
Ion Ratio Lower Upper
152 100
150 154.9 109.4 164.0
115 53.4 36.5 54.7



#5
2-Fluorophenol
Concen: 153.974 ng
RT: 5.514 min Scan# 413
Delta R.T. -0.000 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

Tgt Ion:112 Resp: 1859046
Ion Ratio Lower Upper
112 100
64 67.0 53.3 79.9
63 33.6 27.1 40.7





#7

Phenol-d6

Concen: 134.114 ng

RT: 7.106 min Scan# 61

Delta R.T. -0.000 min

Lab File: BG060148.D

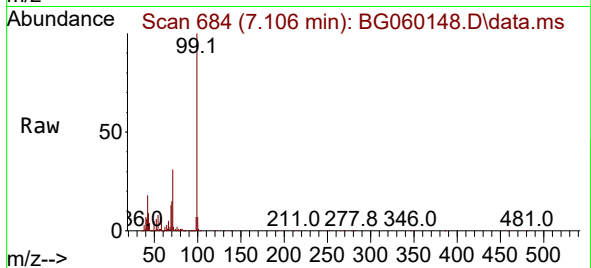
Acq: 22 Dec 2023 22:15

Instrument :

BNA_G

ClientSampleId :

PB157841TB



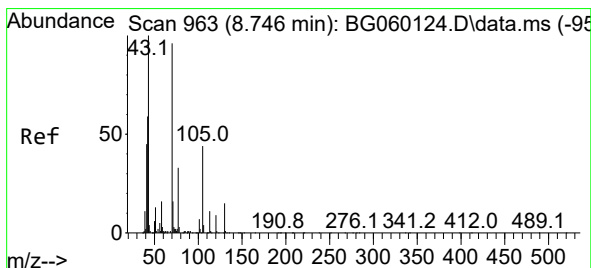
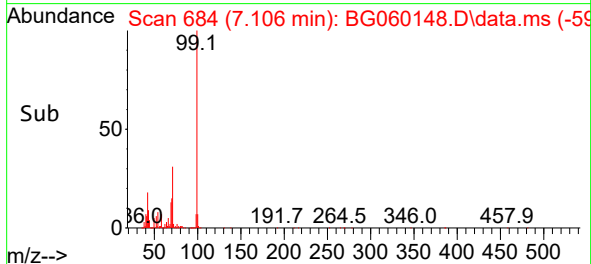
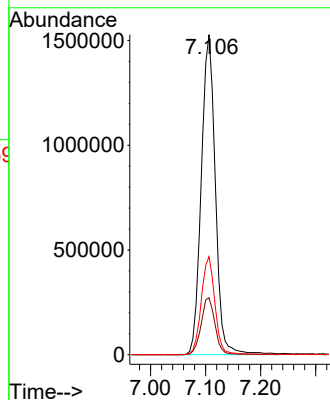
Tgt Ion: 99 Resp: 2725146

Ion Ratio Lower Upper

99 100

42 17.8 15.2 22.8

71 30.7 24.2 36.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.384 ng

RT: 9.098 min Scan# 1023

Delta R.T. 0.352 min

Lab File: BG060148.D

Acq: 22 Dec 2023 22:15

Tgt Ion: 70 Resp: 195661

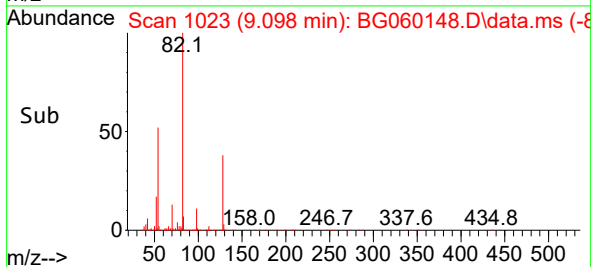
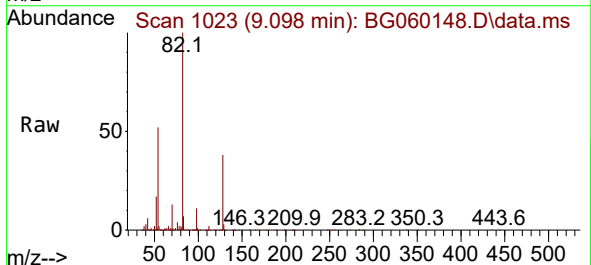
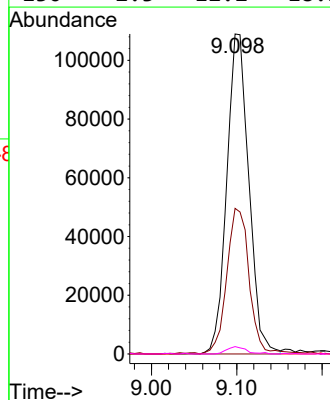
Ion Ratio Lower Upper

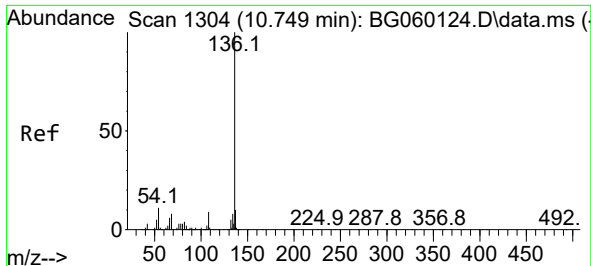
70 100

42 45.5 49.6 74.4#

101 0.0 6.2 9.4#

130 2.3 12.2 18.2#

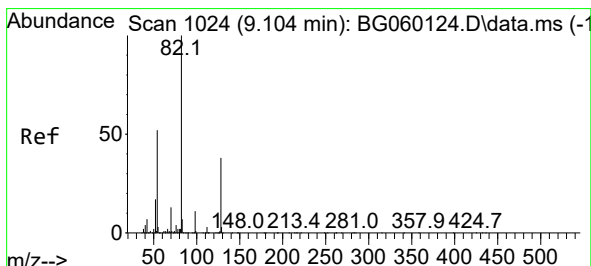
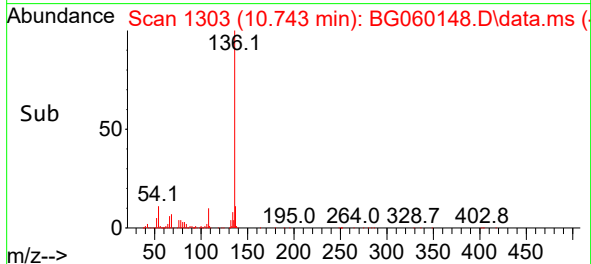
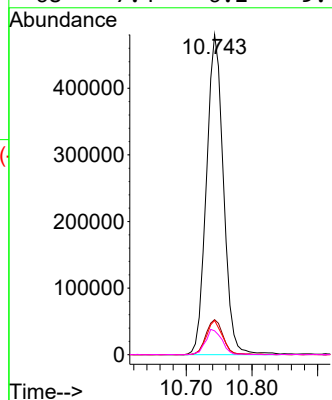
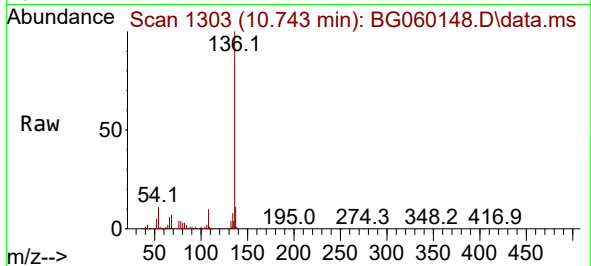




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

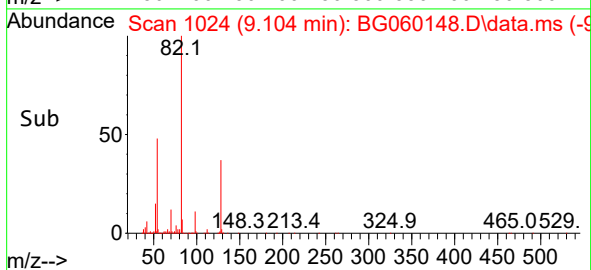
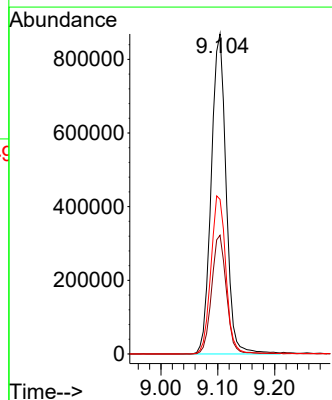
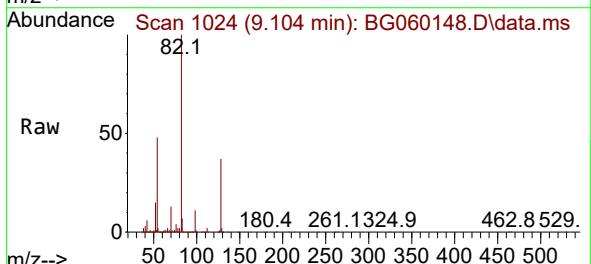
Instrument :
BNA_G
ClientSampleId :
PB157841TB

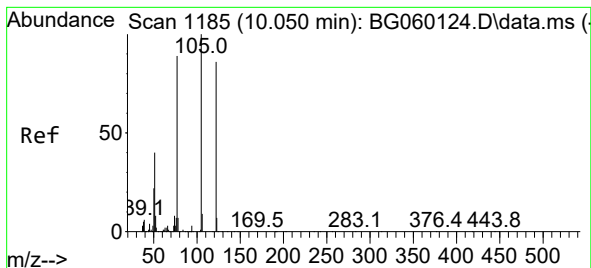
Tgt Ion:	136	Resp:	868676
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.1	12.1
54	10.7	8.7	13.1
68	7.4	6.2	9.4



#23
Nitrobenzene-d5
Concen: 89.005 ng
RT: 9.104 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

Tgt Ion:	82	Resp:	1578293
Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.5	45.7
54	48.3	41.9	62.9

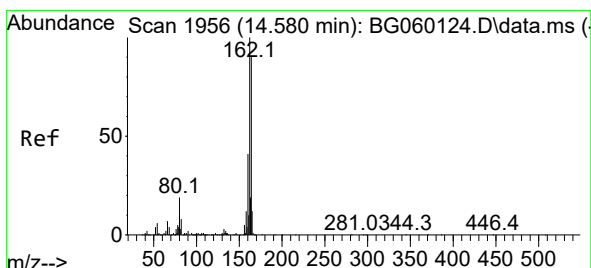
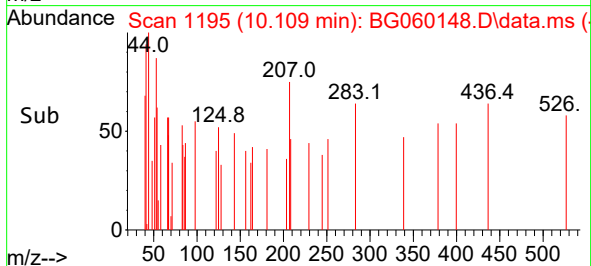
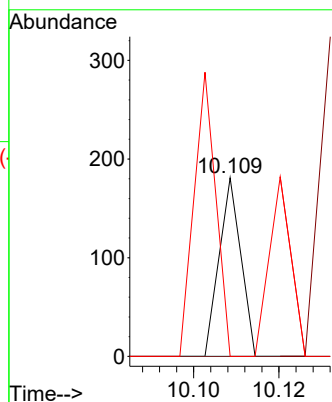
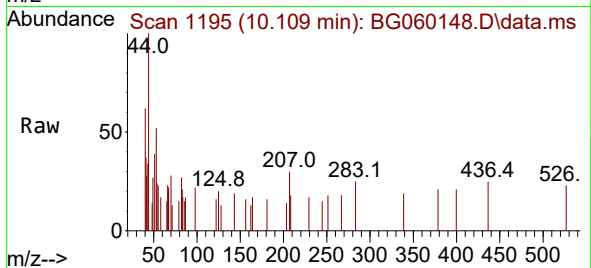




#32
Benzoic acid
Concen: 5.093 ng
RT: 10.109 min Scan# 1185
Delta R.T. 0.059 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

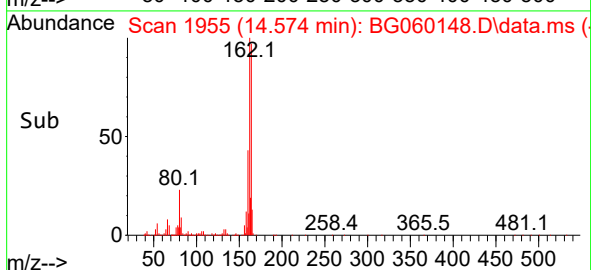
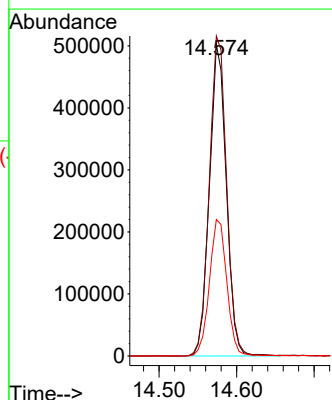
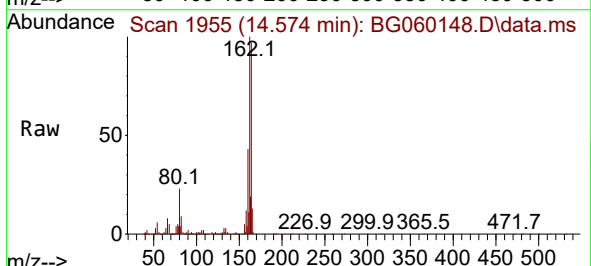
Instrument :
BNA_G
ClientSampleId :
PB157841TB

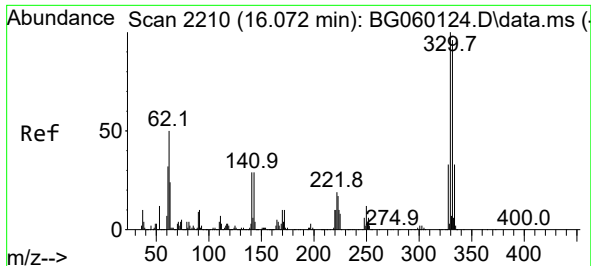
Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 0.0 93.2 133.2#
77 0.0 81.7 121.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

Tgt Ion:164 Resp: 759750
Ion Ratio Lower Upper
164 100
162 102.8 88.5 132.7
160 43.8 36.2 54.2

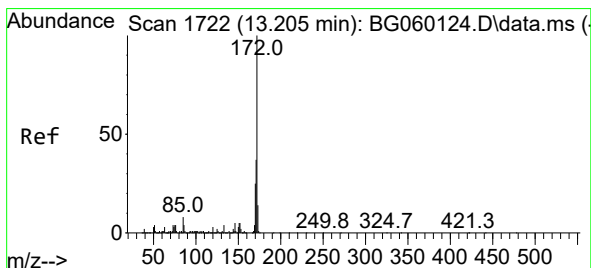
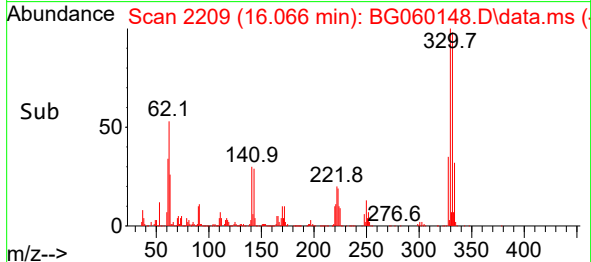
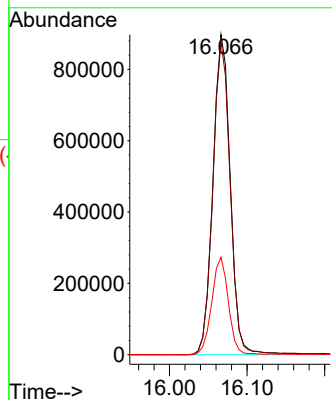
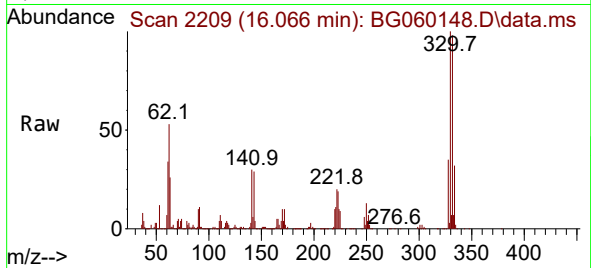




#42
2,4,6-Tribromophenol
Concen: 136.171 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

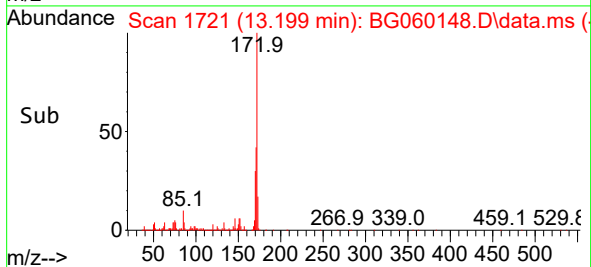
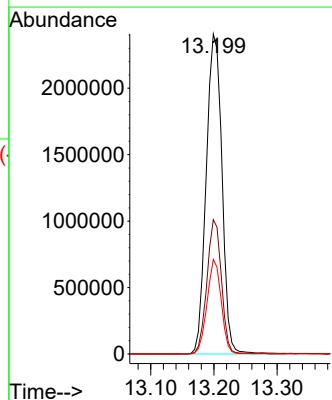
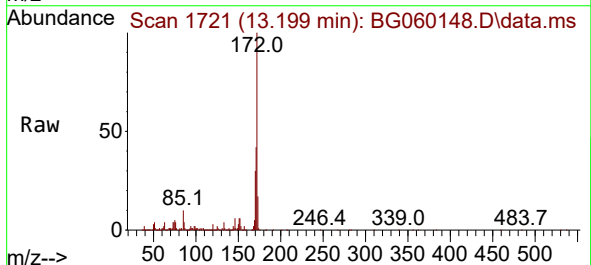
Instrument :
BNA_G
ClientSampleId :
PB157841TB

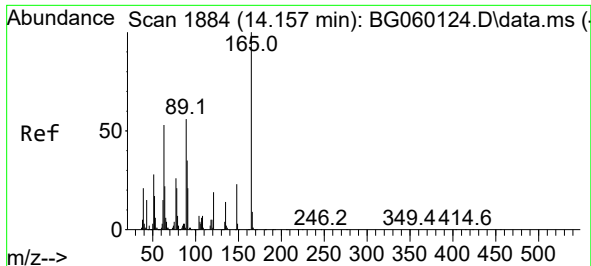
Tgt Ion:330 Resp: 1392959
Ion Ratio Lower Upper
330 100
332 98.1 75.5 113.3
141 29.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 82.311 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

Tgt Ion:172 Resp: 4164744
Ion Ratio Lower Upper
172 100
171 41.9 29.2 43.8
170 29.5 20.1 30.1

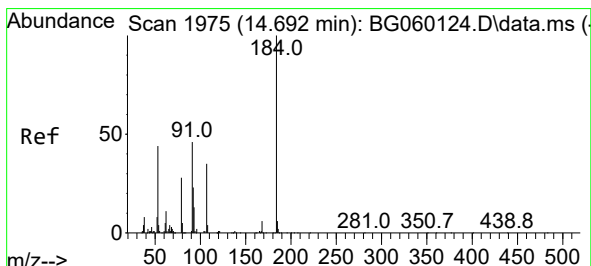
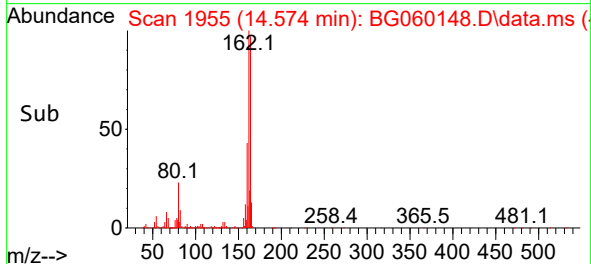
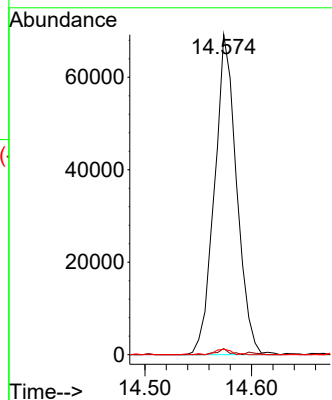
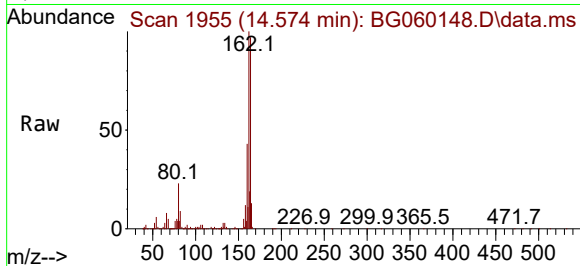




#51
2,6-Dinitrotoluene
Concen: 7.462 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.417 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

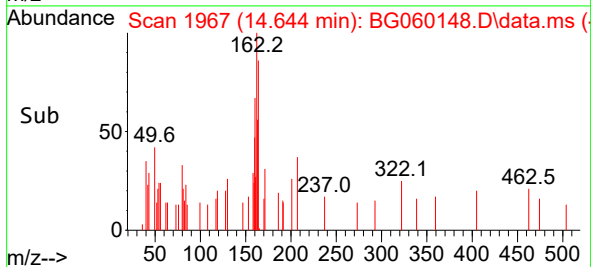
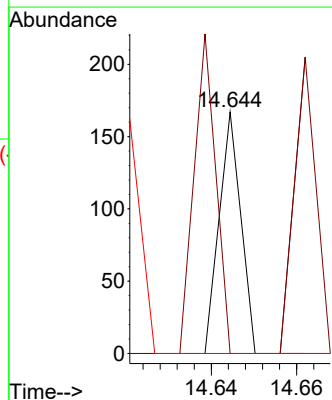
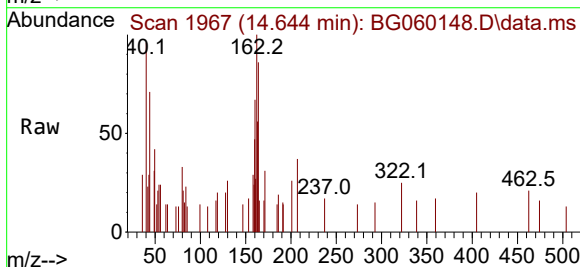
Instrument :
BNA_G
ClientSampleId :
PB157841TB

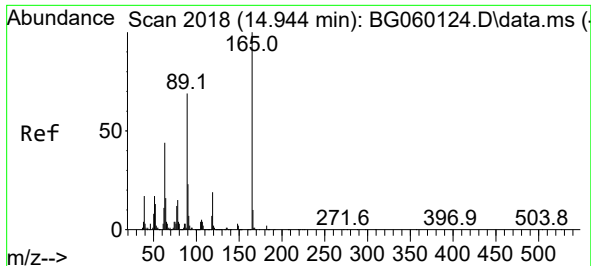
Tgt Ion:165 Resp: 99742
Ion Ratio Lower Upper
165 100
63 1.9 45.4 68.2#
89 1.7 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.625 ng
RT: 14.644 min Scan# 1967
Delta R.T. -0.048 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 95.2 48.1 72.1#
154 0.0 44.3 66.5#

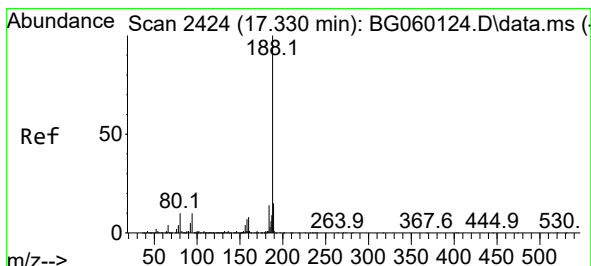
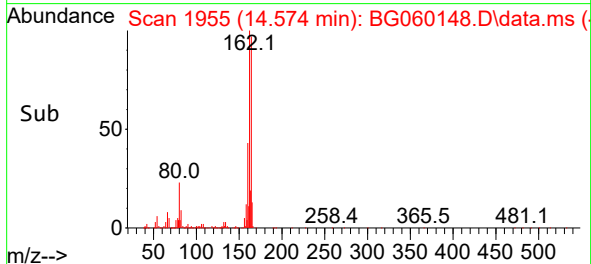
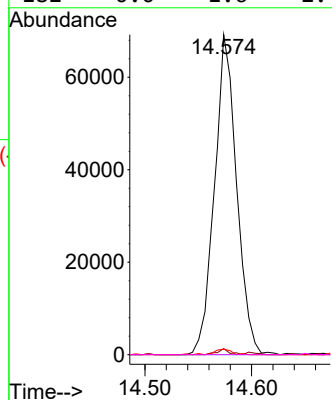
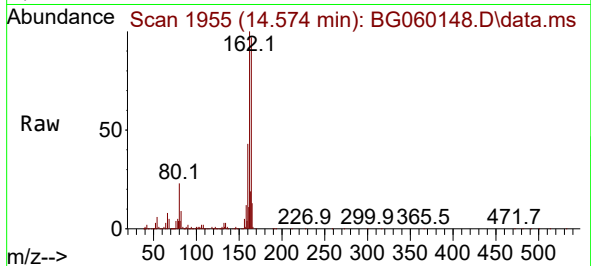




#57
2,4-Dinitrotoluene
Concen: 5.083 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.370 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

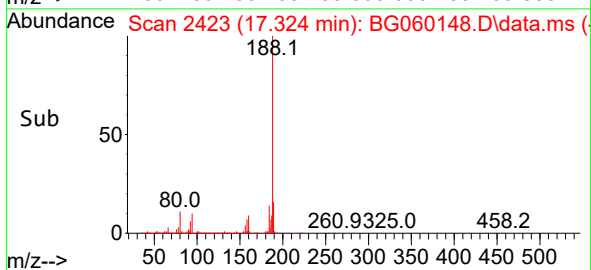
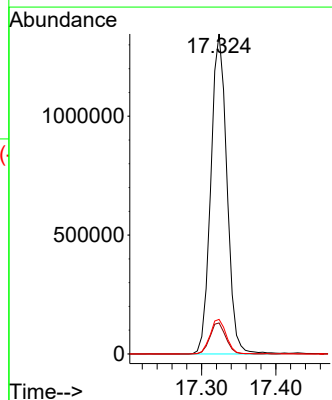
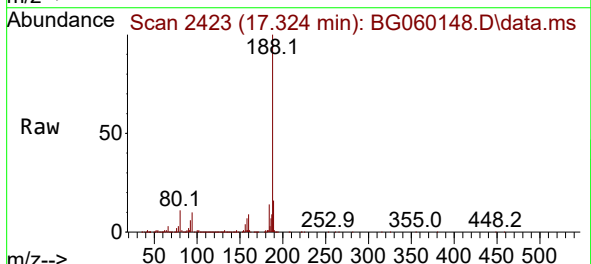
Instrument :
BNA_G
ClientSampleId :
PB157841TB

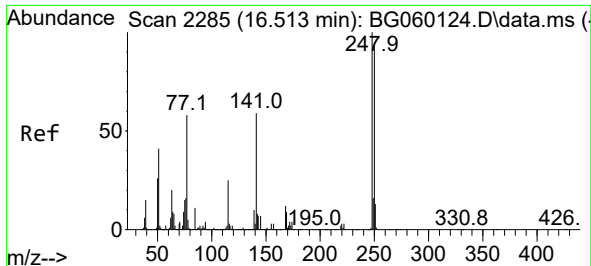
Tgt Ion:165 Resp: 99742
Ion Ratio Lower Upper
165 100
63 1.9 35.4 53.0#
89 1.7 55.6 83.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

Tgt Ion:188 Resp: 2030724
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.8 7.9 11.9

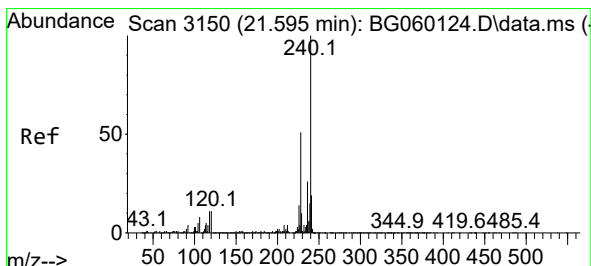
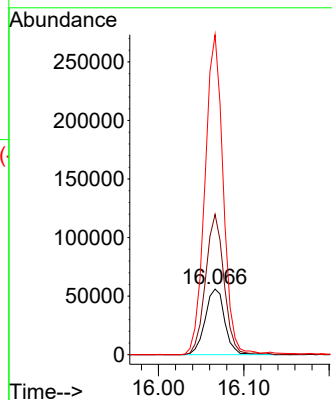
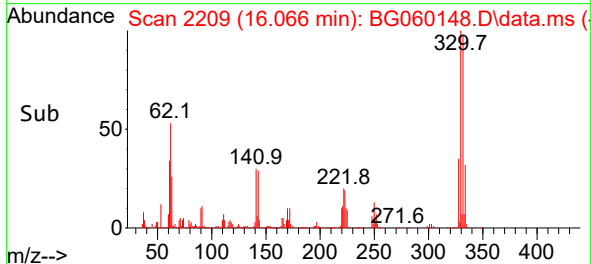
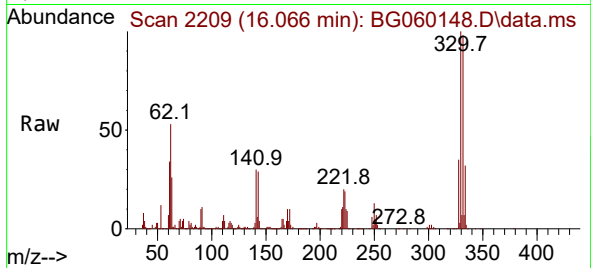




#67
4-Bromophenyl-phenylether
Concen: 4.666 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

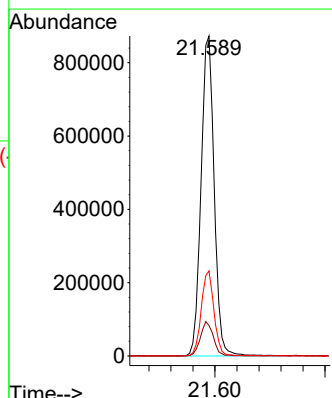
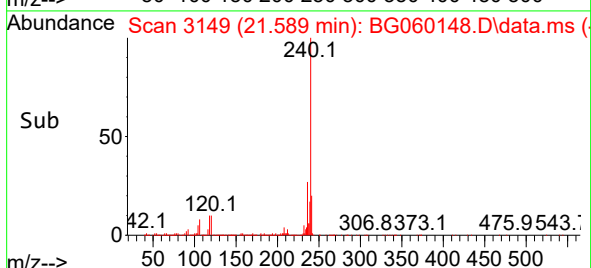
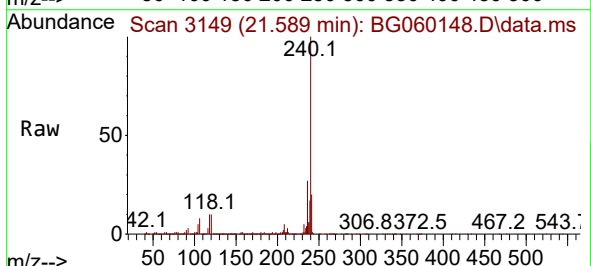
Instrument :
BNA_G
ClientSampleId :
PB157841TB

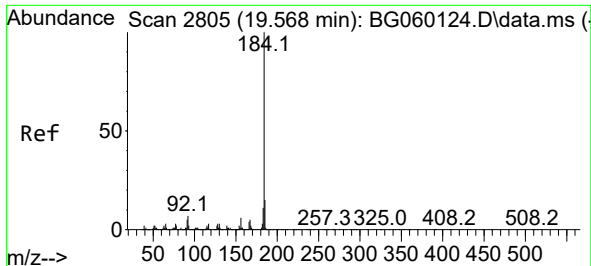
Tgt Ion:248 Resp: 89258
Ion Ratio Lower Upper
248 100
250 213.9 74.5 111.7#
141 487.4 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

Tgt Ion:240 Resp: 1443288
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.6
236 26.6 20.4 30.6

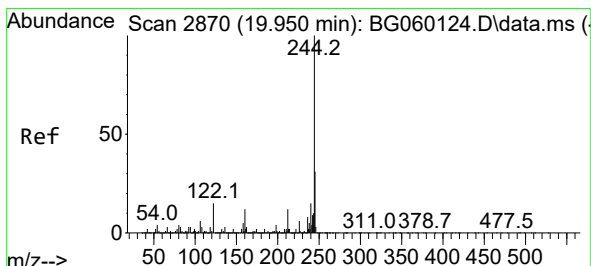
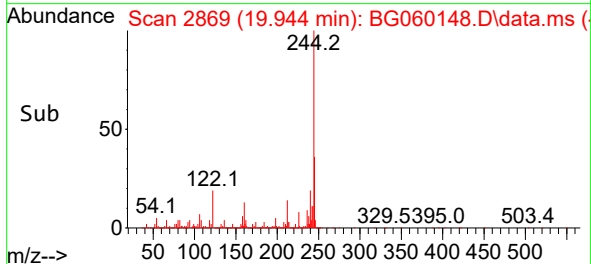
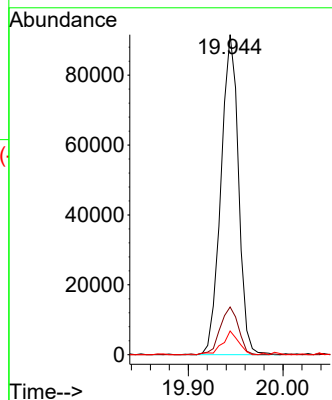
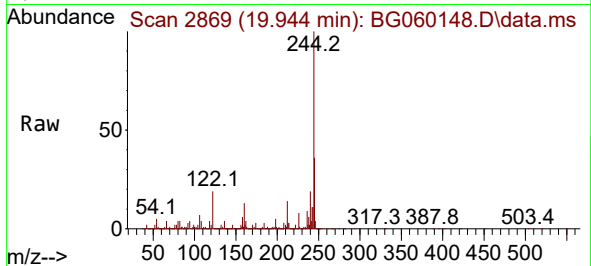




#77
Benzidine
Concen: 3.020 ng
RT: 19.944 min Scan# 2869
Delta R.T. 0.376 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

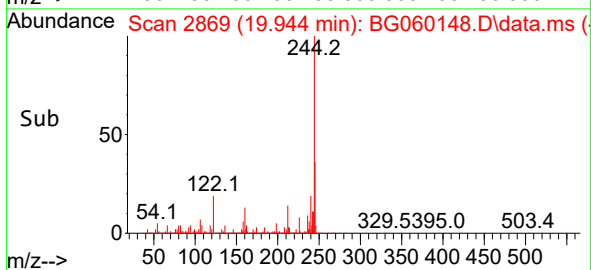
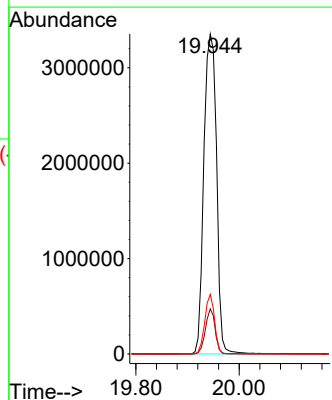
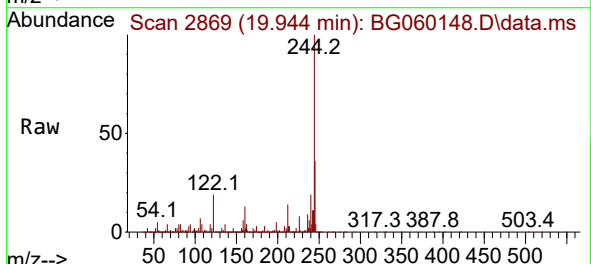
Instrument :
BNA_G
ClientSampleId :
PB157841TB

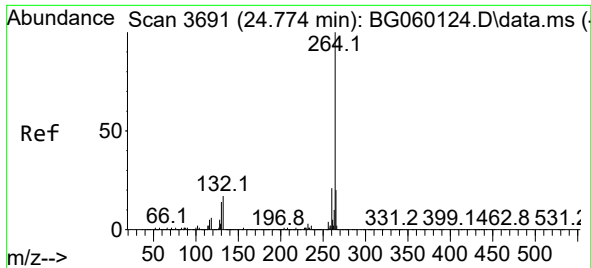
Tgt Ion:184 Resp: 117846
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 7.4 9.0 13.6#



#79
Terphenyl-d14
Concen: 71.643 ng
RT: 19.944 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

Tgt Ion:244 Resp: 5714247
Ion Ratio Lower Upper
244 100
212 14.1 9.5 14.3
122 18.6 12.2 18.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.756 min Scan# 30
Delta R.T. -0.018 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

Instrument :
BNA_G
ClientSampleId :
PB157841TB

Tgt Ion:264 Resp: 1578045
Ion Ratio Lower Upper
264 100
260 23.9 17.1 25.7
265 21.4 16.0 24.0

