

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060160.D
 Acq On : 23 Dec 2023 6:21
 Operator : MA/JU
 Sample : 05872-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 215-0207

Quant Time: Dec 25 00:44:06 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)

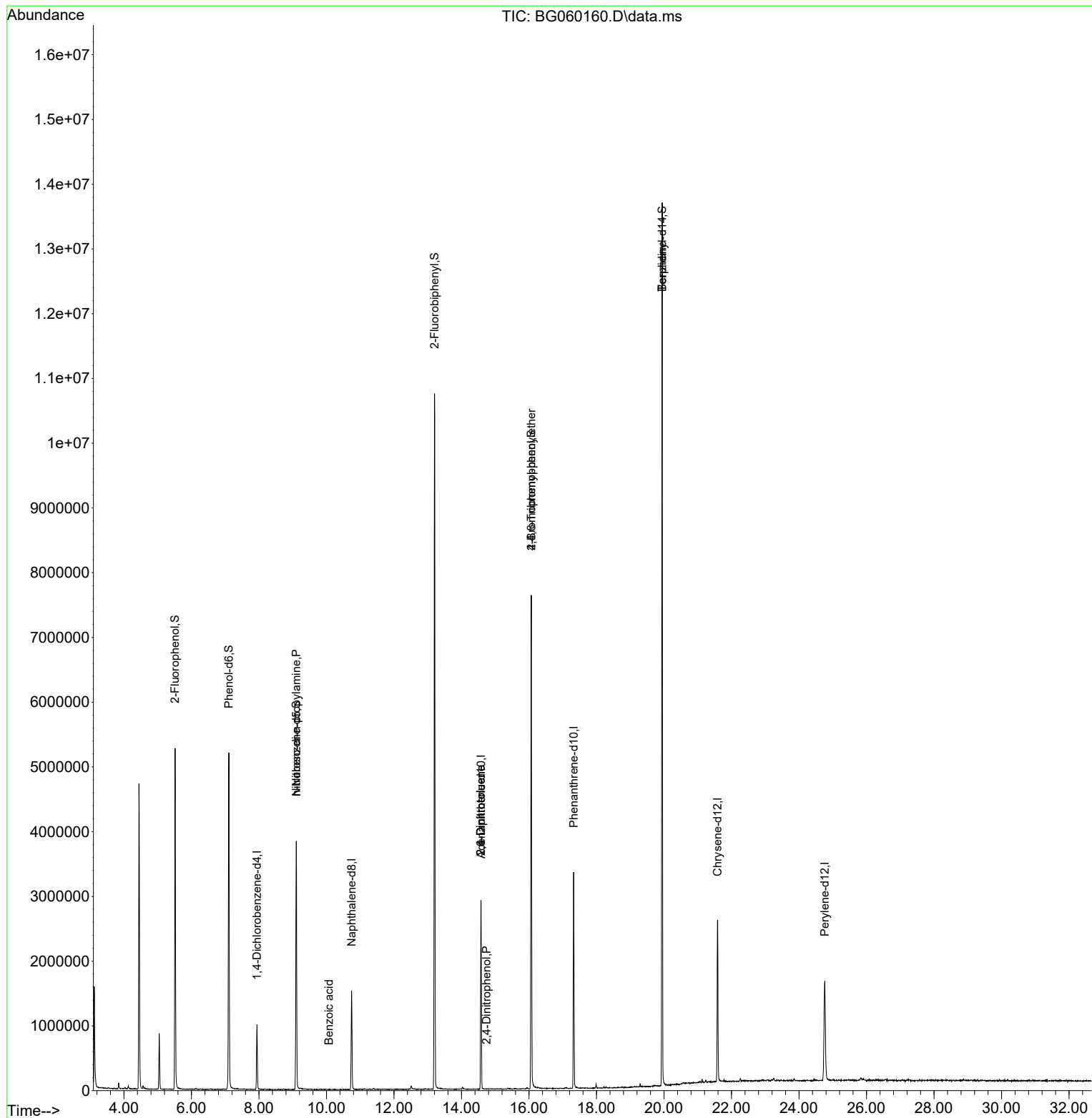
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	294924	20.000	ng	# 0.00
21) Naphthalene-d8	10.743	136	1333585	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	1049455	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	2205271	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1550190	20.000	ng	-0.01
86) Perylene-d12	24.762	264	1710755	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	2395449	127.983	ng	0.00
7) Phenol-d6	7.106	99	3298487	104.715	ng	0.00
23) Nitrobenzene-d5	9.104	82	2481018	91.137	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1551184	109.779	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	5432371	77.726	ng	0.00
79) Terphenyl-d14	19.944	244	5752219	67.145	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.104	70	308571	12.598	ng	# 77
32) Benzoic acid	10.068	122	61	5.091	ng	# 44
51) 2,6-Dinitrotoluene	14.574	165	141393	7.658	ng	# 25
54) 2,4-Dinitrophenol	14.744	184	57	6.623	ng	# 22
57) 2,4-Dinitrotoluene	14.574	165	141393	5.217	ng	# 24
67) 4-Bromophenyl-phenylether	16.066	248	97864	4.711	ng	# 1
77) Benzidine	19.944	184	114732	2.737	ng	# 93

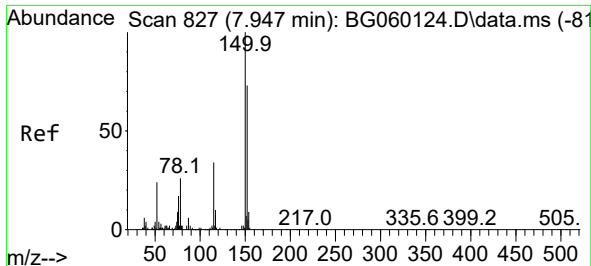
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
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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

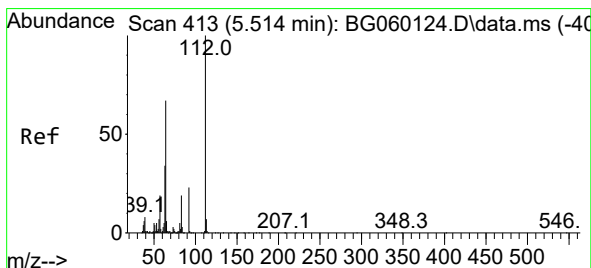
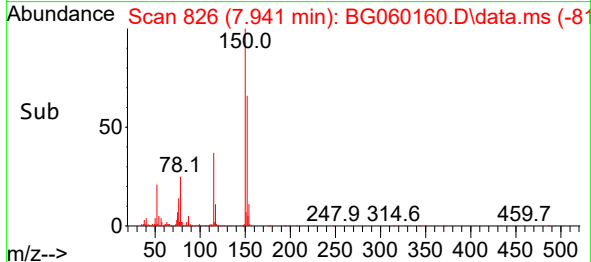
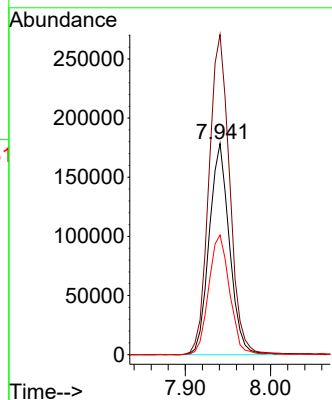
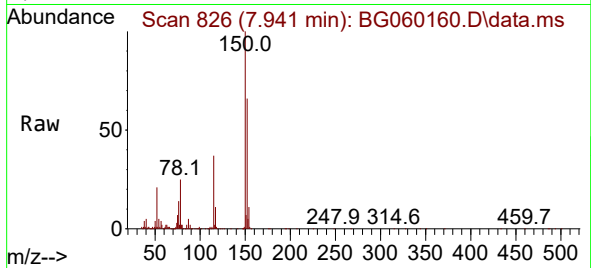




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

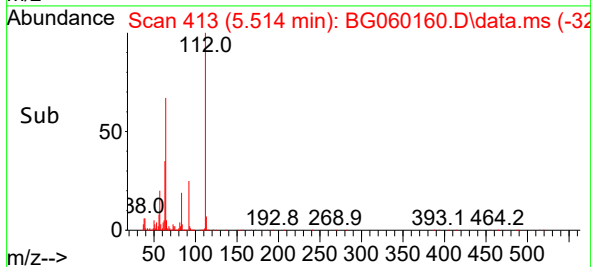
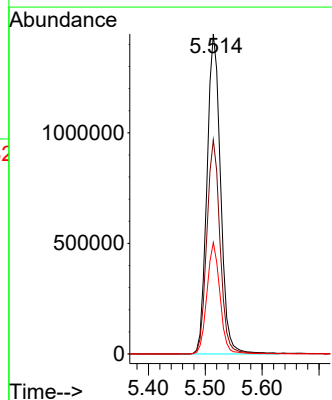
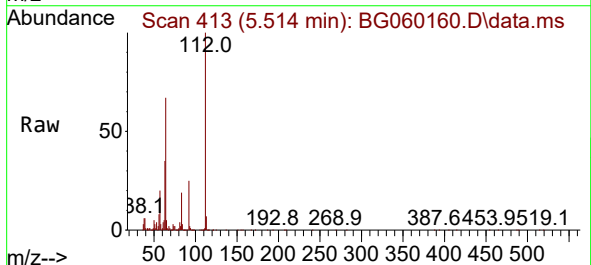
Instrument :
BNA_G
ClientSampleId :
215-0207

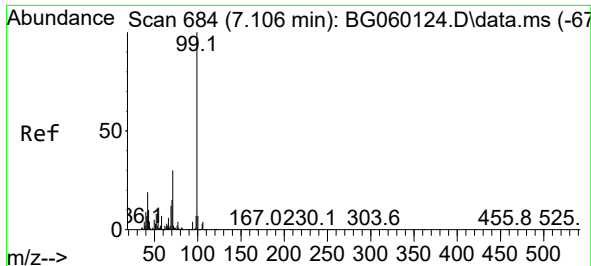
Tgt Ion:152 Resp: 294924
Ion Ratio Lower Upper
152 100
150 151.5 109.4 164.0
115 56.7 36.5 54.7#



#5
2-Fluorophenol
Concen: 127.983 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.000 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

Tgt Ion:112 Resp: 2395449
Ion Ratio Lower Upper
112 100
64 66.9 53.3 79.9
63 34.8 27.1 40.7

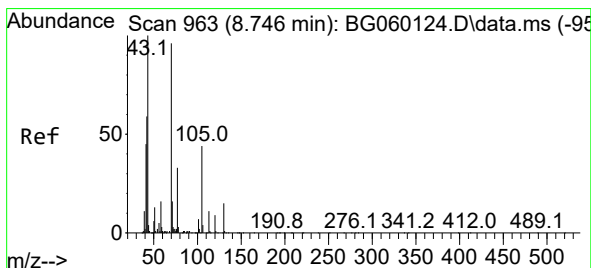
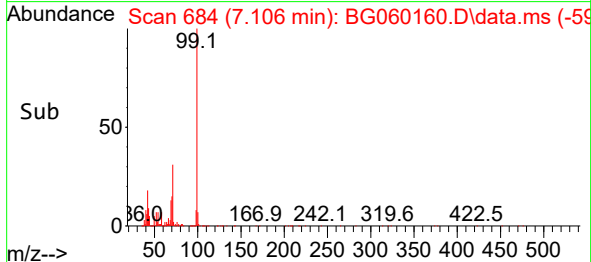
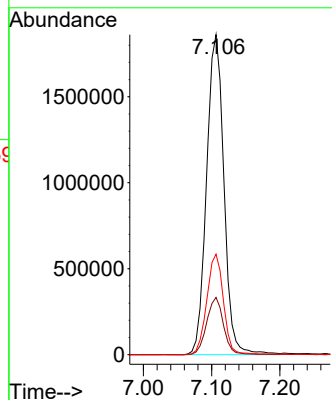
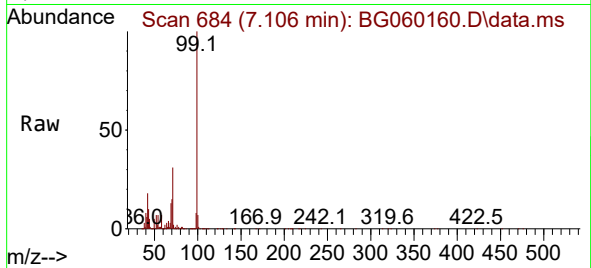




#7
Phenol-d6
Concen: 104.715 ng
RT: 7.106 min Scan# 684
Delta R.T. 0.000 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

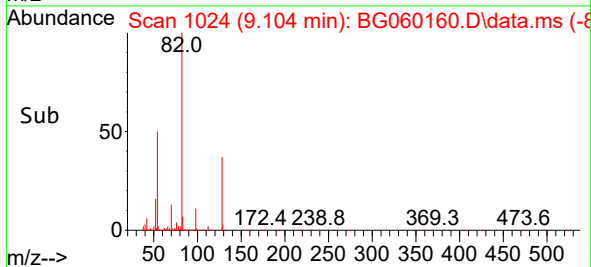
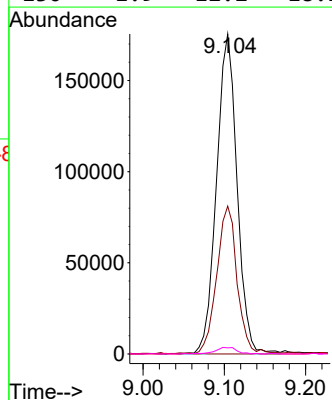
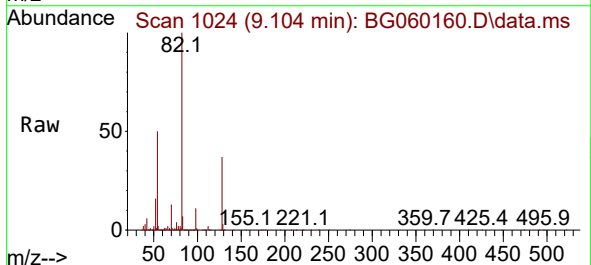
Instrument :
BNA_G
ClientSampleId :
215-0207

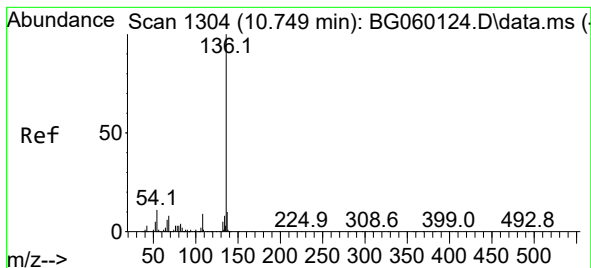
Tgt Ion: 99 Resp: 3298487
Ion Ratio Lower Upper
99 100
42 17.9 15.2 22.8
71 31.4 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.598 ng
RT: 9.104 min Scan# 1024
Delta R.T. 0.358 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

Tgt Ion: 70 Resp: 308571
Ion Ratio Lower Upper
70 100
42 46.2 49.6 74.4#
101 0.0 6.2 9.4#
130 1.9 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: BG060160.D

Acq: 23 Dec 2023 6:21

Instrument :

BNA_G

ClientSampleId :

215-0207

Tgt Ion:136 Resp: 1333585

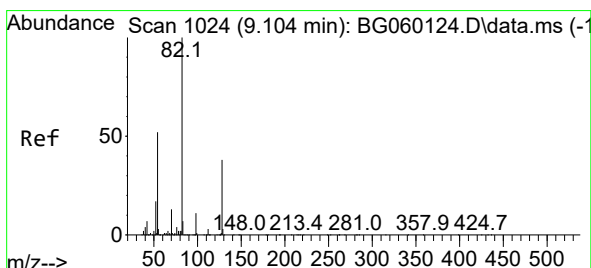
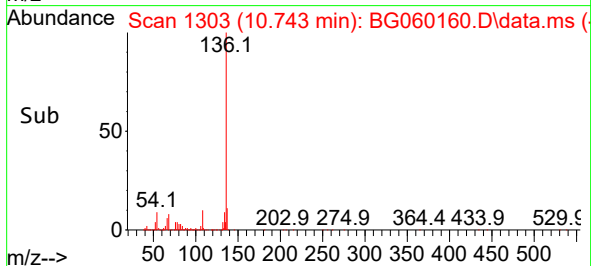
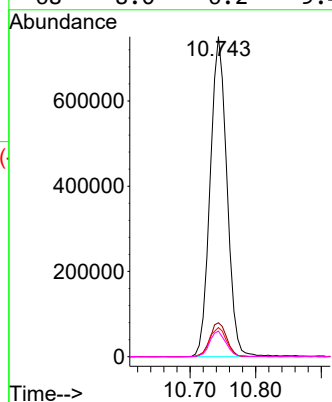
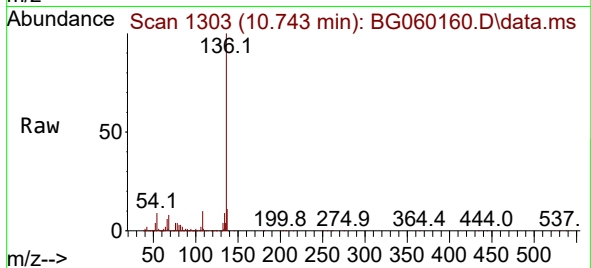
Ion Ratio Lower Upper

136 100

137 10.6 8.1 12.1

54 9.1 8.7 13.1

68 8.0 6.2 9.4



#23

Nitrobenzene-d5

Concen: 91.137 ng

RT: 9.104 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BG060160.D

Acq: 23 Dec 2023 6:21

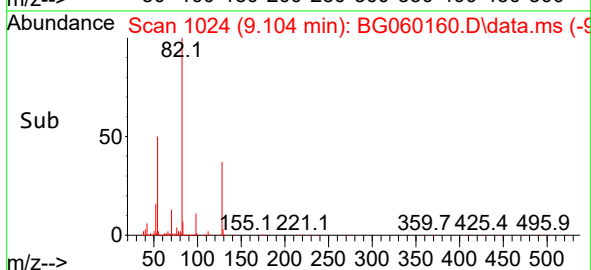
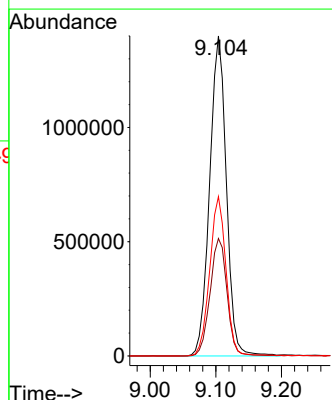
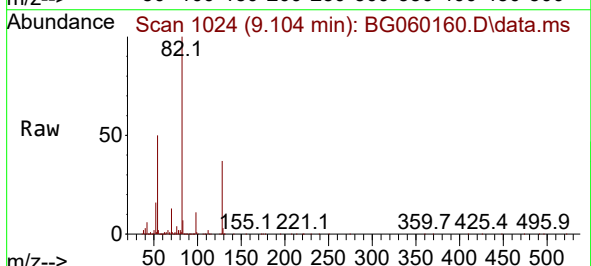
Tgt Ion: 82 Resp: 2481018

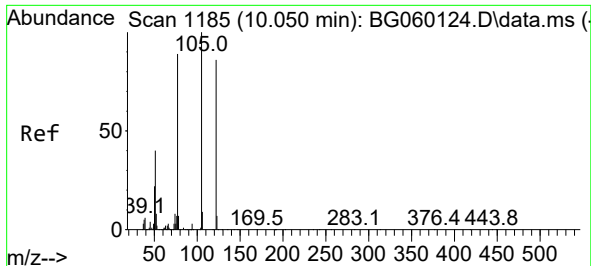
Ion Ratio Lower Upper

82 100

128 36.7 30.5 45.7

54 49.8 41.9 62.9

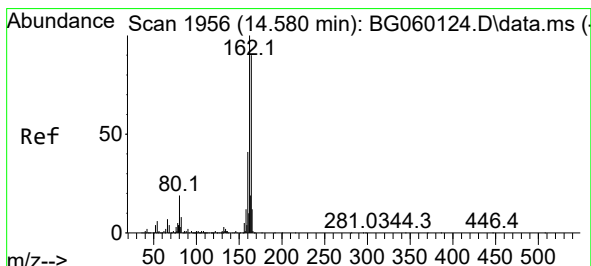
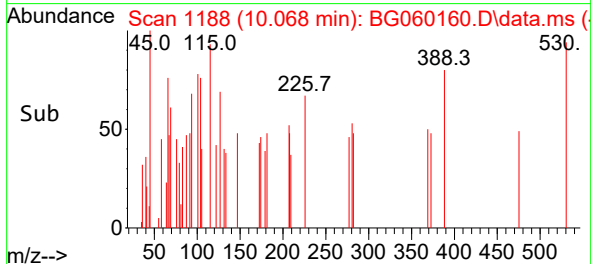
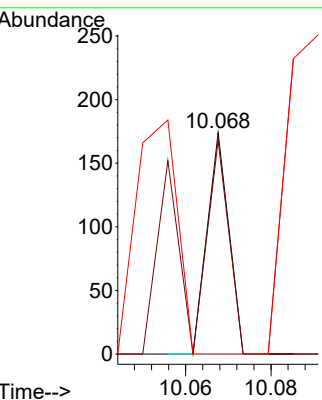
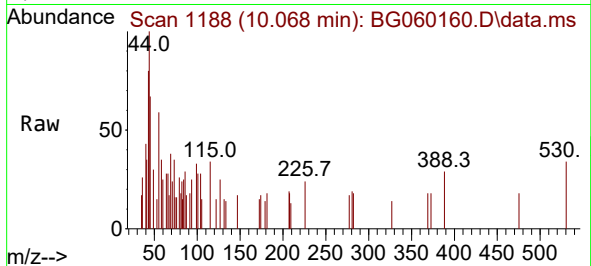




#32
Benzoic acid
Concen: 5.091 ng
RT: 10.068 min Scan# 1185
Delta R.T. 0.018 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

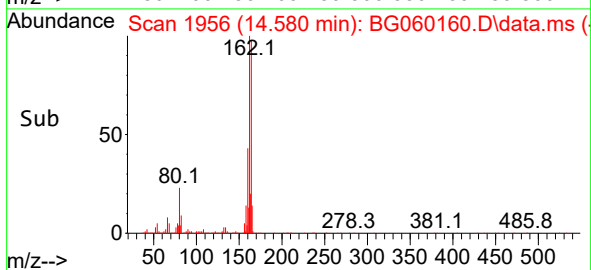
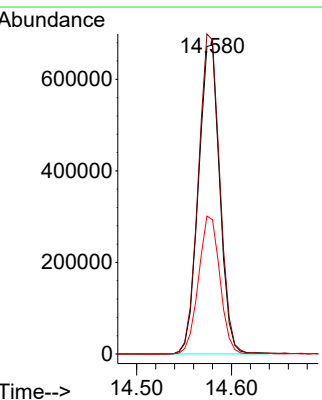
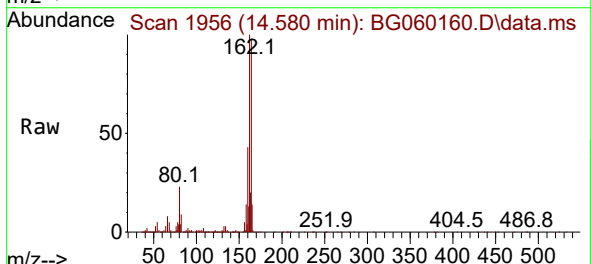
Instrument :
BNA_G
ClientSampleId :
215-0207

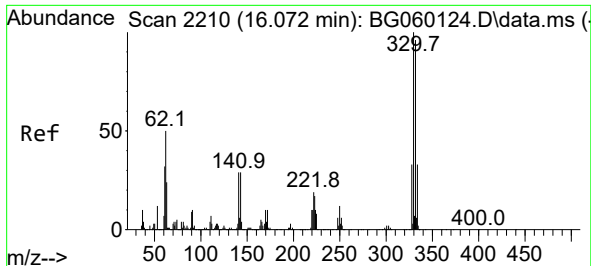
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 96.6 93.2 133.2
77 0.0 81.7 121.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

Tgt Ion:164 Resp: 1049455
Ion Ratio Lower Upper
164 100
162 101.7 88.5 132.7
160 43.5 36.2 54.2

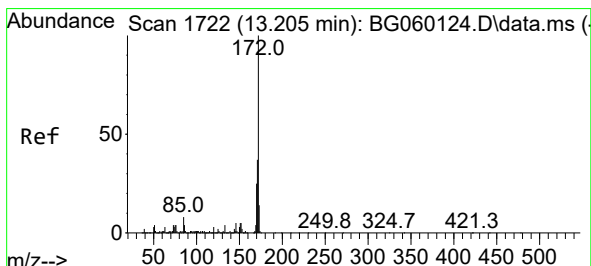
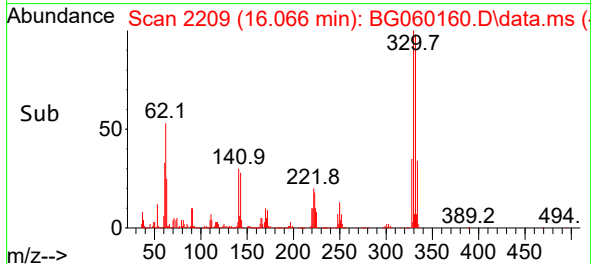
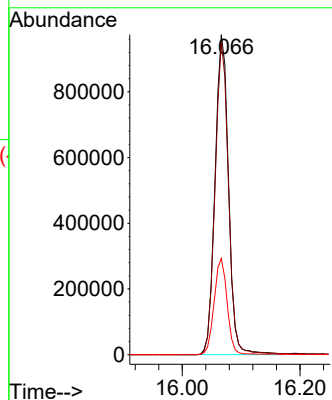
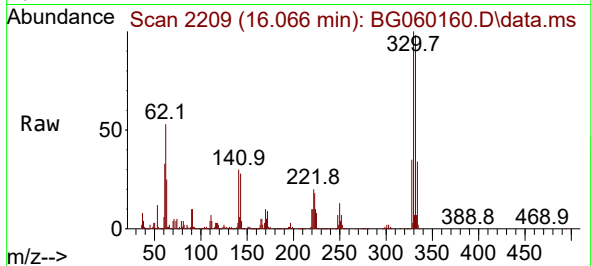




#42
2,4,6-Tribromophenol
Concen: 109.779 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

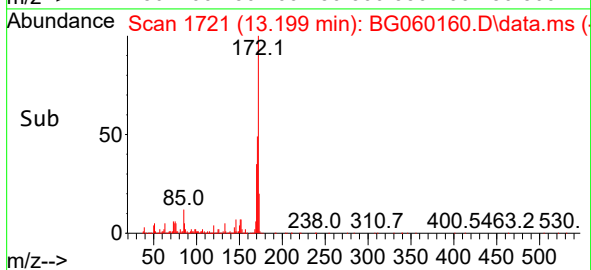
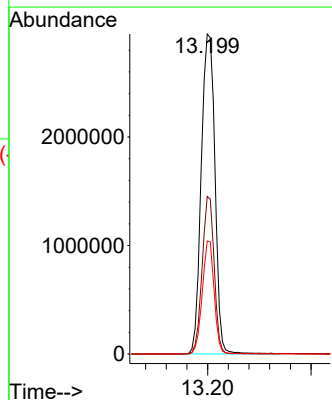
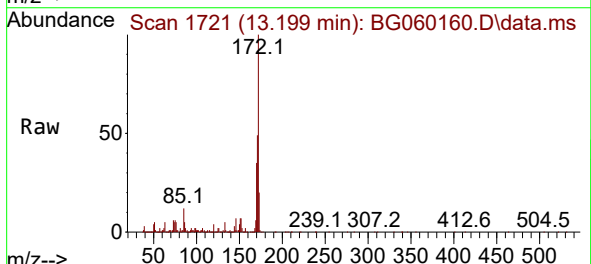
Instrument :
BNA_G
ClientSampleId :
215-0207

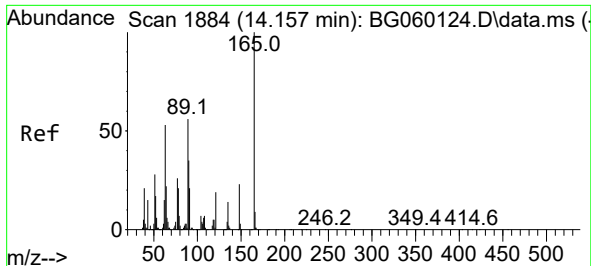
Tgt Ion:330 Resp: 1551184
Ion Ratio Lower Upper
330 100
332 96.9 75.5 113.3
141 29.1 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 77.726 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

Tgt Ion:172 Resp: 5432371
Ion Ratio Lower Upper
172 100
171 49.2 29.2 43.8#
170 35.3 20.1 30.1#

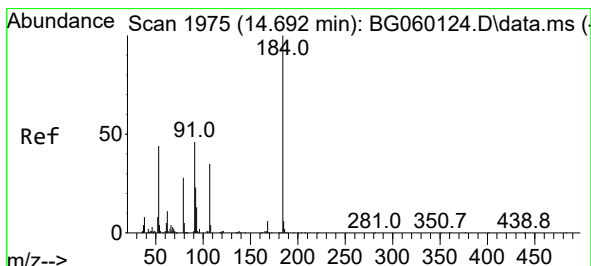
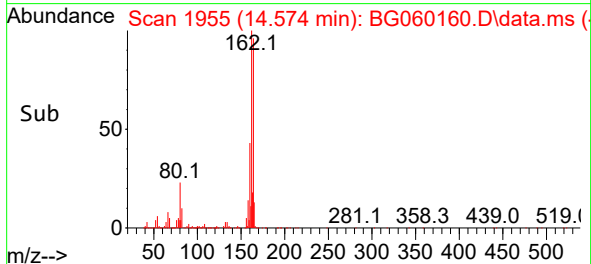
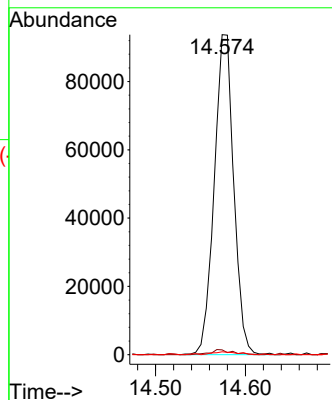
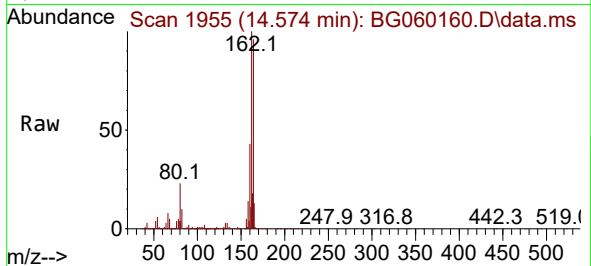




#51
2,6-Dinitrotoluene
Concen: 7.658 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.417 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

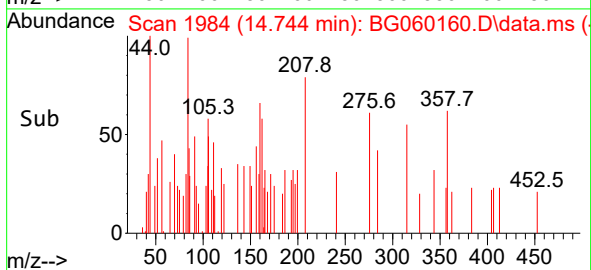
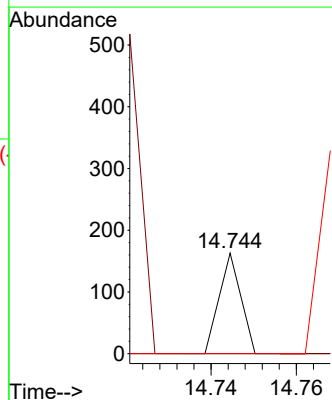
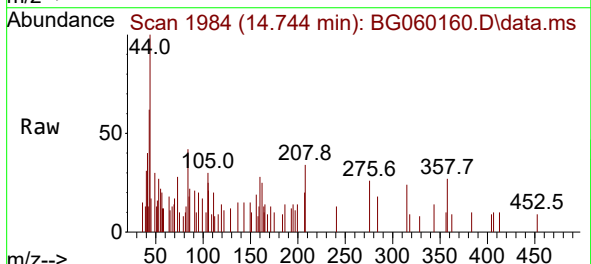
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ClientSampleId :
215-0207

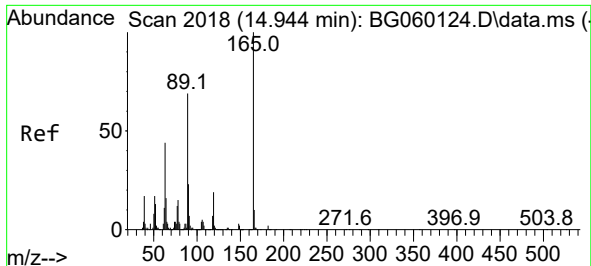
Tgt Ion:165 Resp: 141393
Ion Ratio Lower Upper
165 100
63 1.5 45.4 68.2#
89 0.9 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.623 ng
RT: 14.744 min Scan# 1984
Delta R.T. 0.052 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 0.0 48.1 72.1#
154 0.0 44.3 66.5#





#57

2,4-Dinitrotoluene

Concen: 5.217 ng

RT: 14.574 min Scan# 1955

Delta R.T. -0.370 min

Lab File: BG060160.D

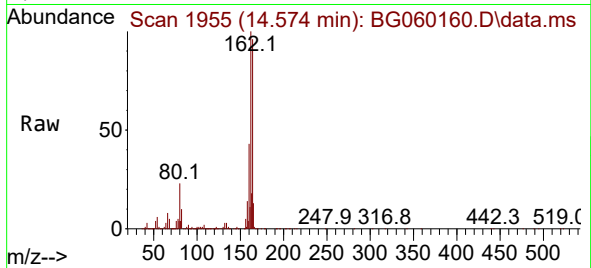
Acq: 23 Dec 2023 6:21

Instrument :

BNA_G

ClientSampleId :

215-0207



Tgt Ion:165 Resp: 141393

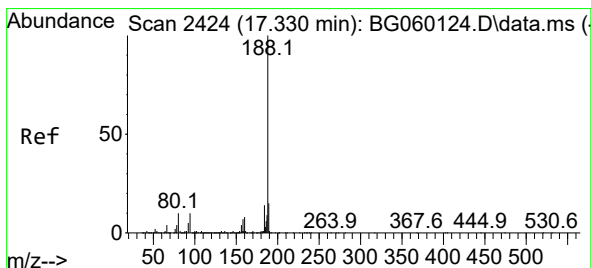
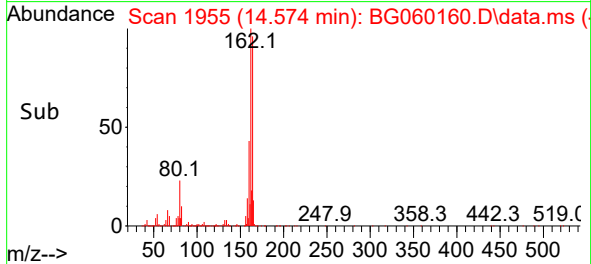
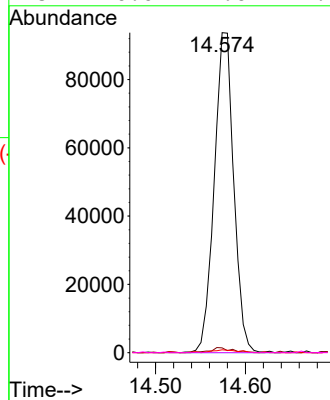
Ion Ratio Lower Upper

165 100

63 1.5 35.4 53.0#

89 0.9 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: BG060160.D

Acq: 23 Dec 2023 6:21

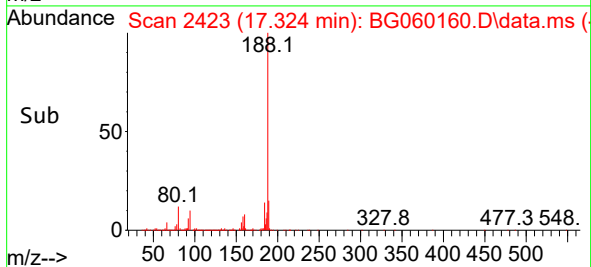
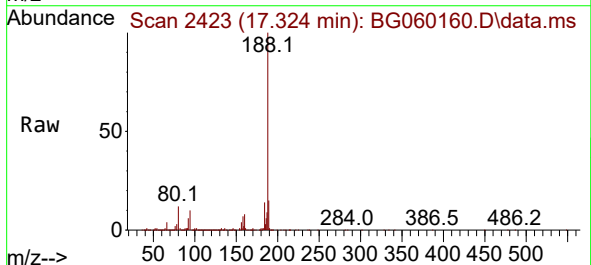
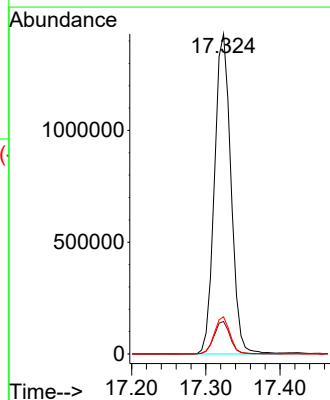
Tgt Ion:188 Resp: 2205271

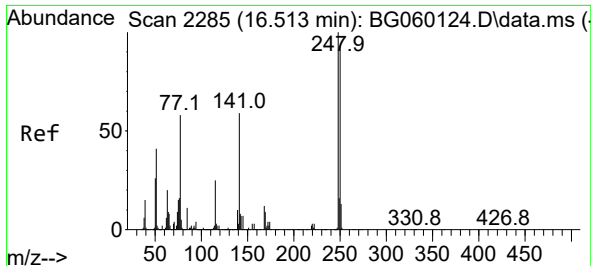
Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 11.6 7.9 11.9

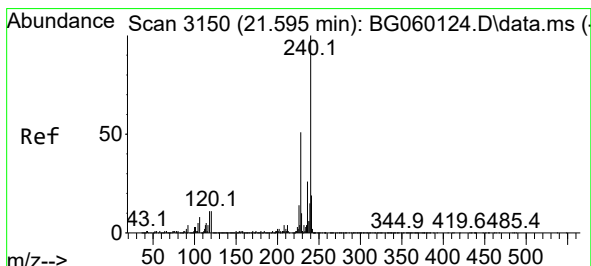
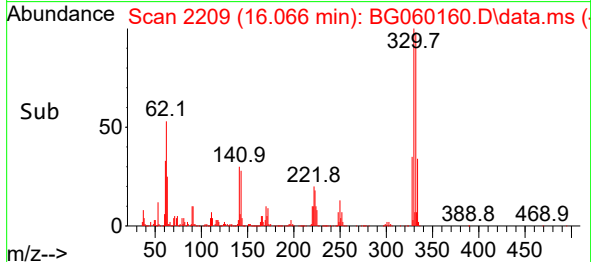
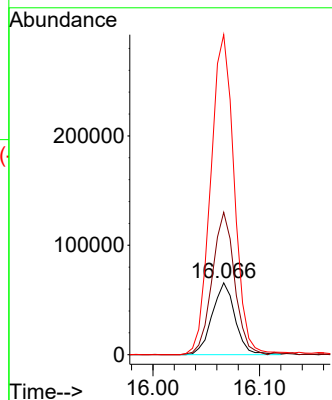
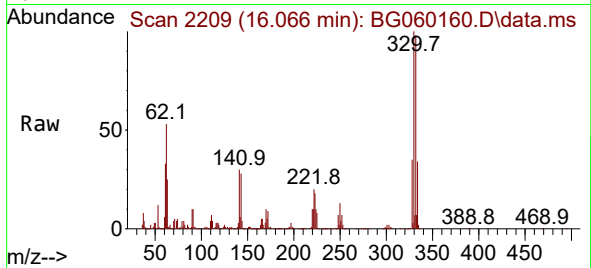




#67
4-Bromophenyl-phenylether
Concen: 4.711 ng
RT: 16.066 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

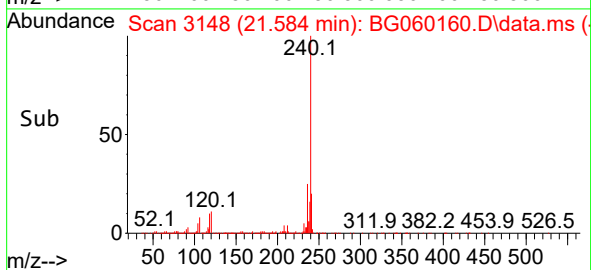
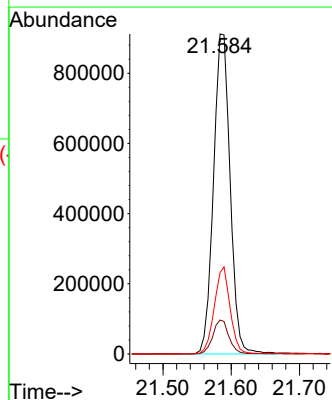
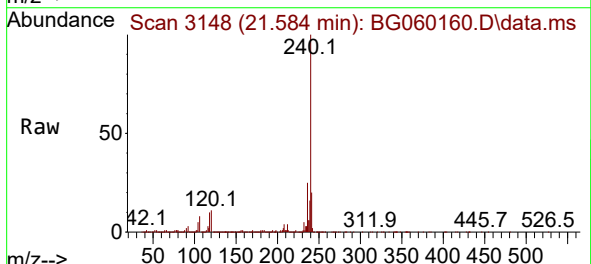
Instrument :
BNA_G
ClientSampleId :
215-0207

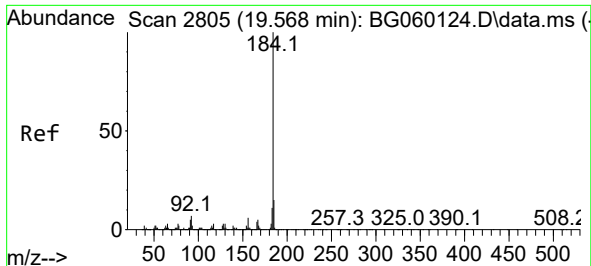
Tgt Ion:248 Resp: 97864
Ion Ratio Lower Upper
248 100
250 253.6 74.5 111.7#
141 445.9 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3148
Delta R.T. -0.012 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

Tgt Ion:240 Resp: 1550190
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 25.4 20.4 30.6

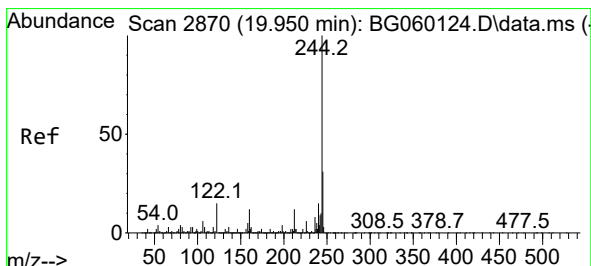
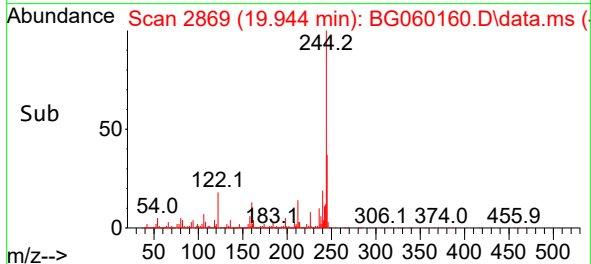
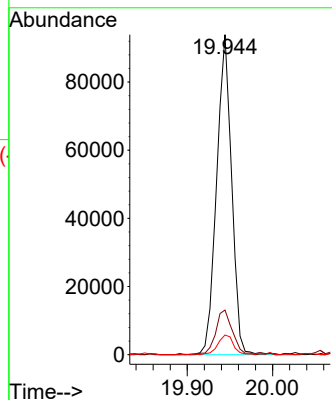
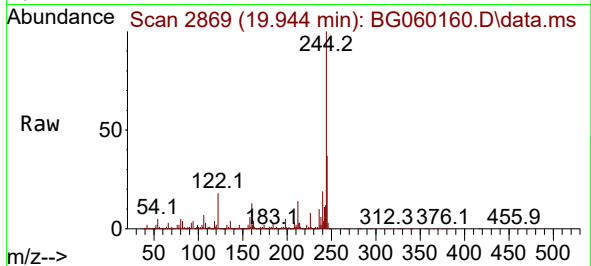




#77
Benzidine
Concen: 2.737 ng
RT: 19.944 min Scan# 2869
Delta R.T. 0.376 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

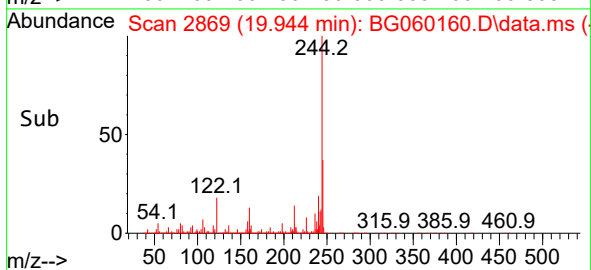
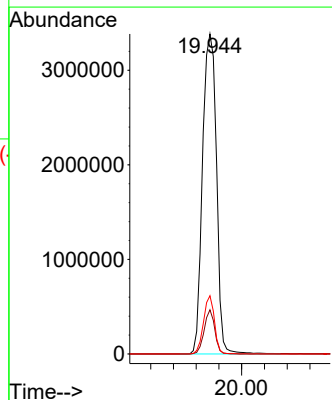
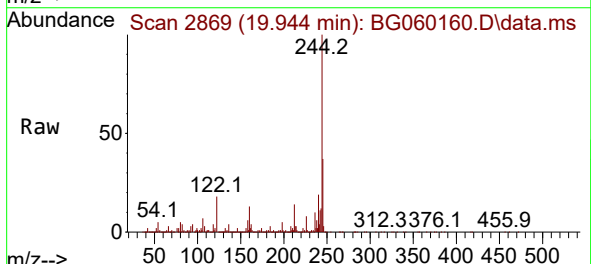
Instrument :
BNA_G
ClientSampleId :
215-0207

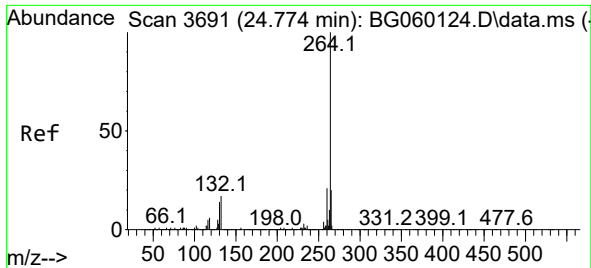
Tgt Ion:184 Resp: 114732
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 6.2 9.0 13.6#



#79
Terphenyl-d14
Concen: 67.145 ng
RT: 19.944 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BG060160.D
Acq: 23 Dec 2023 6:21

Tgt Ion:244 Resp: 5752219
Ion Ratio Lower Upper
244 100
212 13.8 9.5 14.3
122 18.2 12.2 18.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.762 min Scan# 30

Delta R.T. -0.012 min

Lab File: BG060160.D

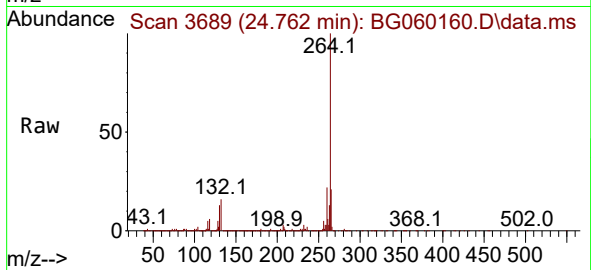
Acq: 23 Dec 2023 6:21

Instrument :

BNA_G

ClientSampleId :

215-0207



Tgt Ion:264 Resp: 1710755

Ion Ratio Lower Upper

264 100

260 22.5 17.1 25.7

265 21.0 16.0 24.0

