

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060141.D
 Acq On : 22 Dec 2023 16:51
 Operator : MA/JU
 Sample : 05900-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-64a

Quant Time: Dec 22 17:34:40 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)

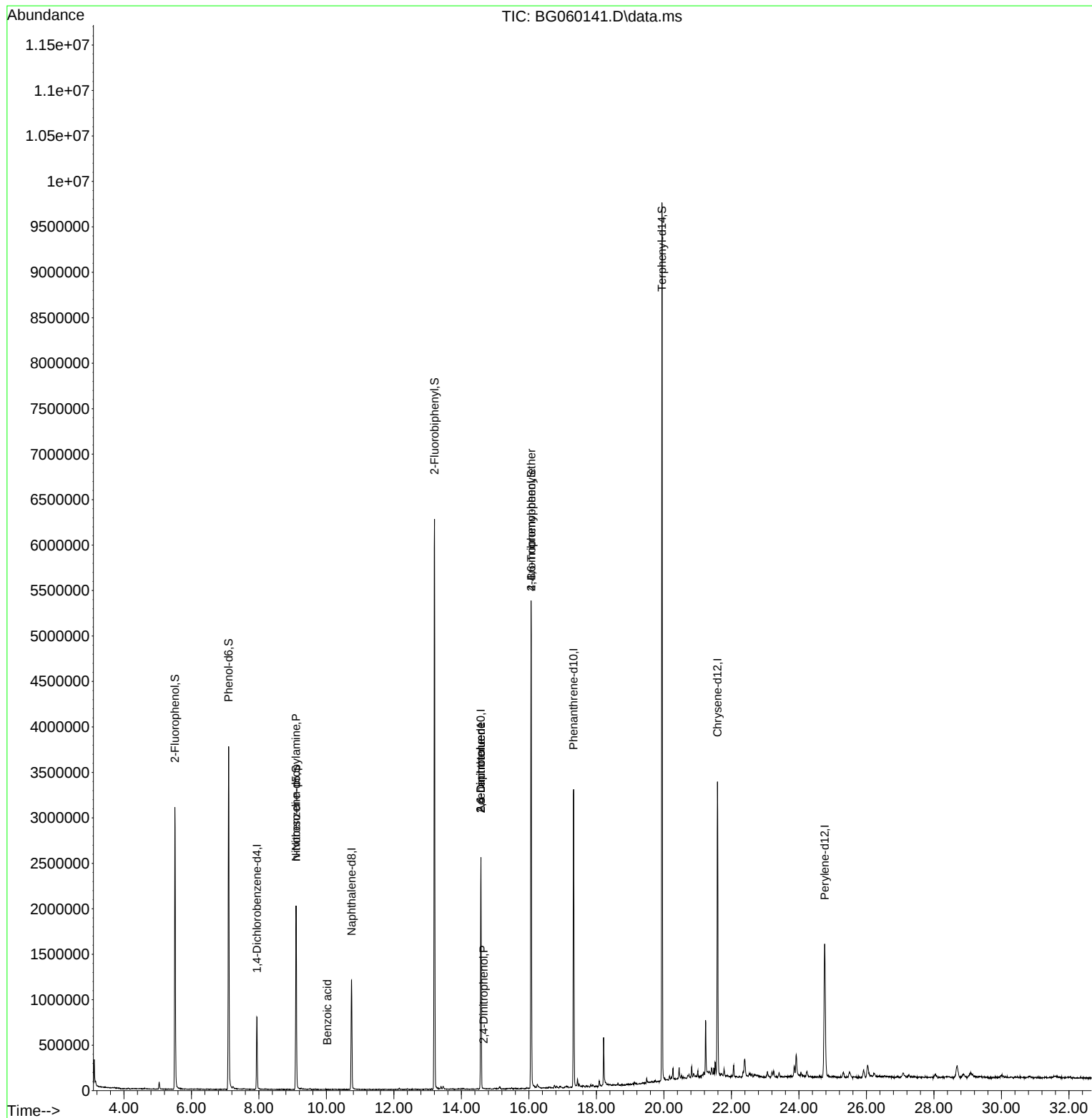
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	241968	20.000	ng	# 0.00
21) Naphthalene-d8	10.746	136	1104459	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	901176	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	2207674	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1502504	20.000	ng	0.00
86) Perylene-d12	24.765	264	1584769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1488788	96.951	ng	0.00
7) Phenol-d6	7.104	99	2345900	90.773	ng	0.00
23) Nitrobenzene-d5	9.101	82	1329063	58.950	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	1055745	87.010	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	3412170	56.854	ng	0.00
79) Terphenyl-d14	19.942	244	4483149	53.993	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.101	70	162410	8.082	ng	# 80
32) Benzoic acid	10.030	122	71	5.092	ng	# 1
51) 2,6-Dinitrotoluene	14.577	165	121238	7.647	ng	# 25
54) 2,4-Dinitrophenol	14.659	184	146	6.632	ng	# 22
57) 2,4-Dinitrotoluene	14.577	165	121238	5.209	ng	# 25
67) 4-Bromophenyl-phenylether	16.070	248	64421	3.097	ng	# 1

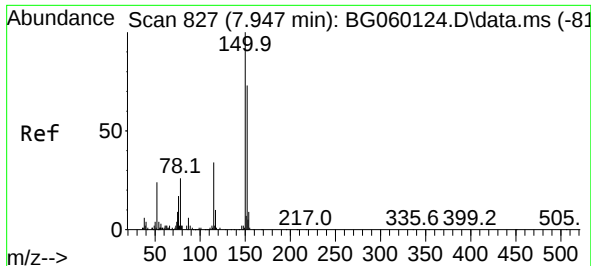
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:42:04 2023
Response via : Initial Calibration

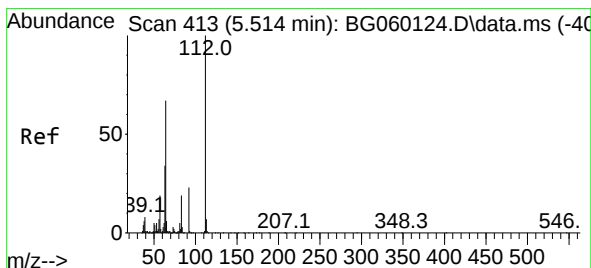
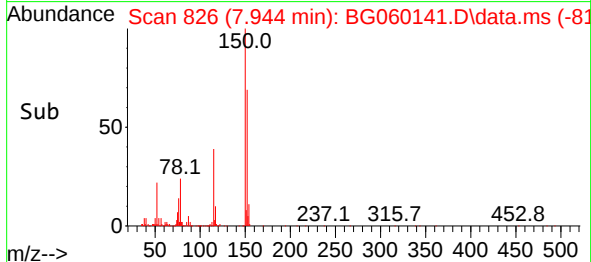
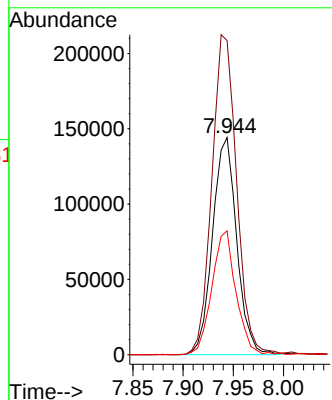
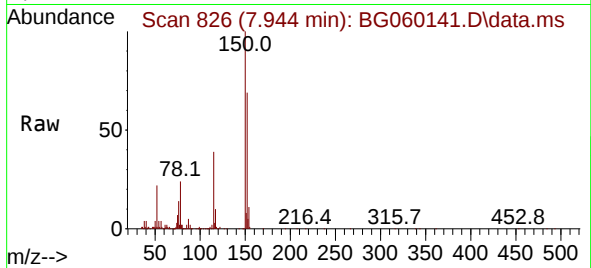




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.944 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

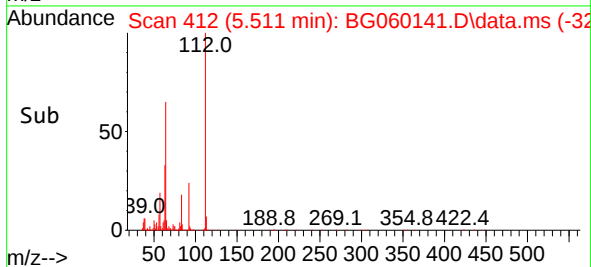
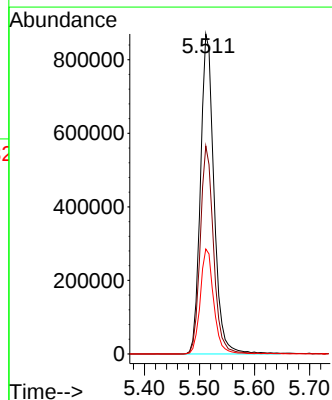
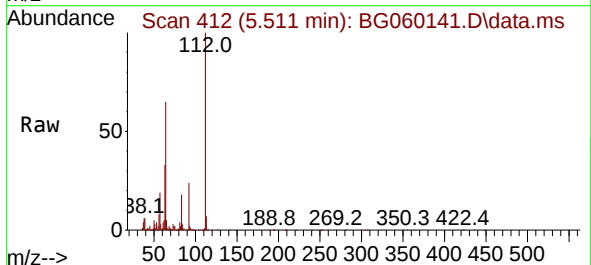
Instrument :
BNA_G
ClientSampleId :
GHL-SS-64a

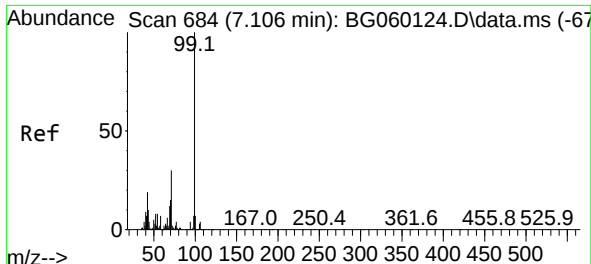
Tgt Ion:152 Resp: 241968
Ion Ratio Lower Upper
152 100
150 144.7 109.4 164.0
115 57.1 36.5 54.7#



#5
2-Fluorophenol
Concen: 96.951 ng
RT: 5.511 min Scan# 412
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

Tgt Ion:112 Resp: 1488788
Ion Ratio Lower Upper
112 100
64 65.0 53.3 79.9
63 32.8 27.1 40.7

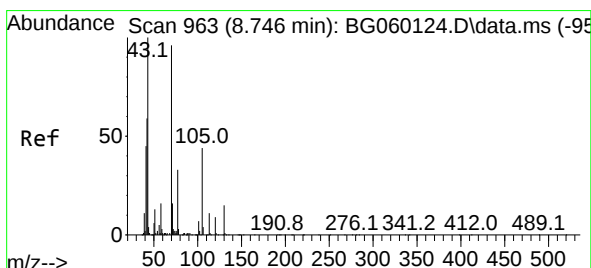
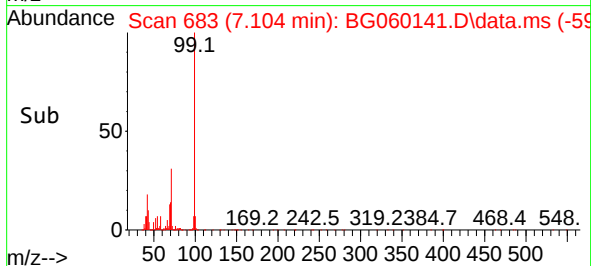
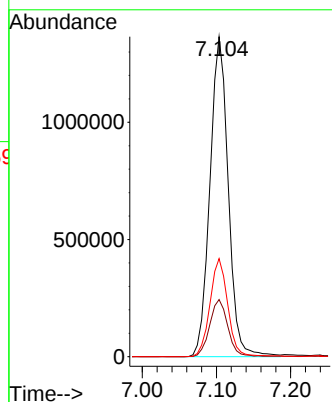
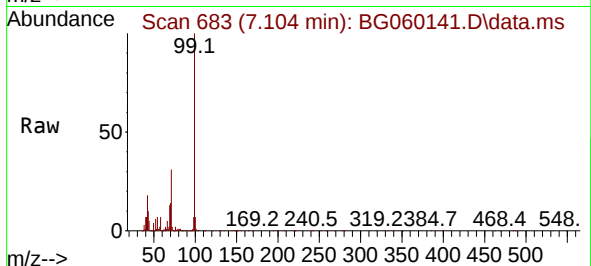




#7
Phenol-d6
Concen: 90.773 ng
RT: 7.104 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

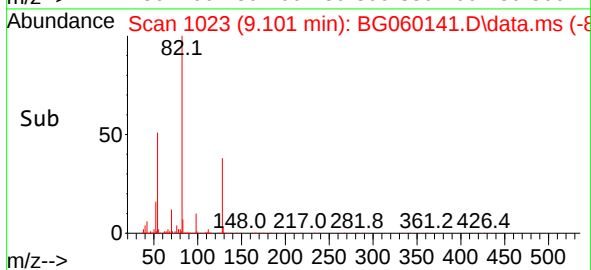
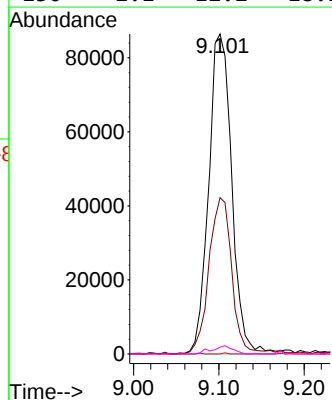
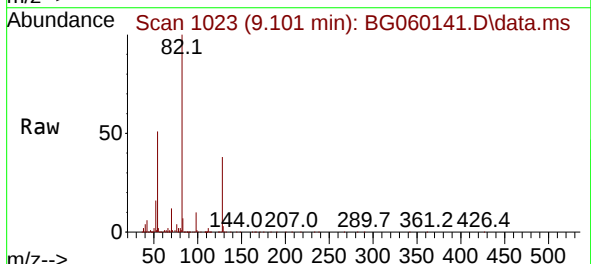
Instrument :
BNA_G
ClientSampleId :
GHL-SS-64a

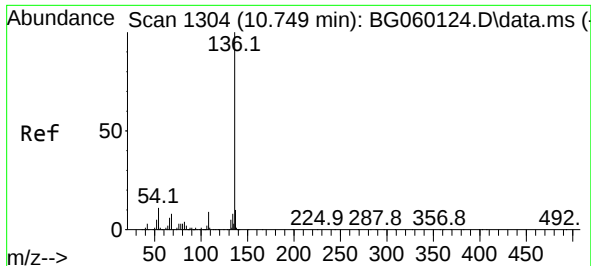
Tgt Ion: 99 Resp: 2345900
Ion Ratio Lower Upper
99 100
42 17.9 15.2 22.8
71 30.7 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.082 ng
RT: 9.101 min Scan# 1023
Delta R.T. 0.356 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

Tgt Ion: 70 Resp: 162410
Ion Ratio Lower Upper
70 100
42 48.8 49.6 74.4#
101 0.0 6.2 9.4#
130 2.1 12.2 18.2#

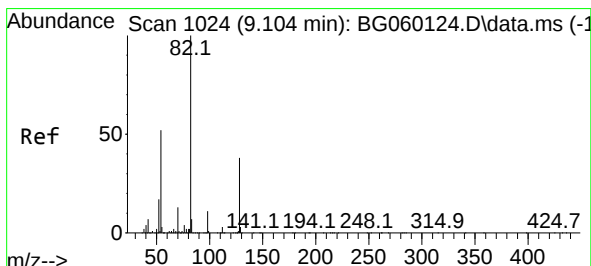
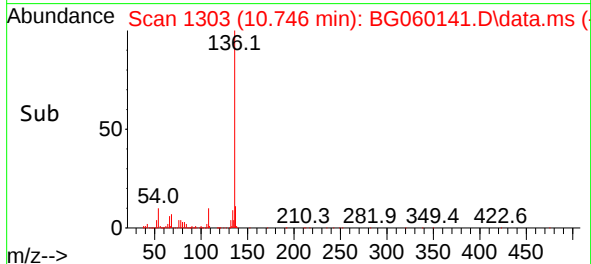
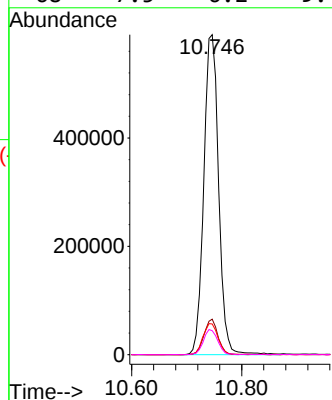
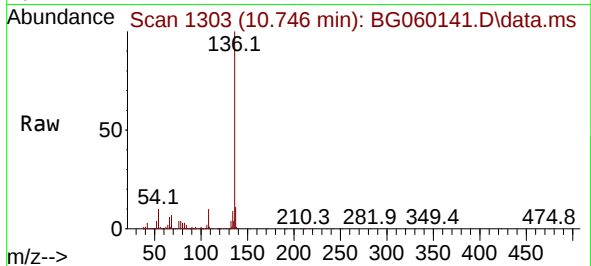




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

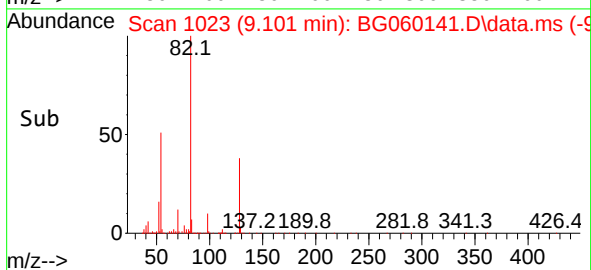
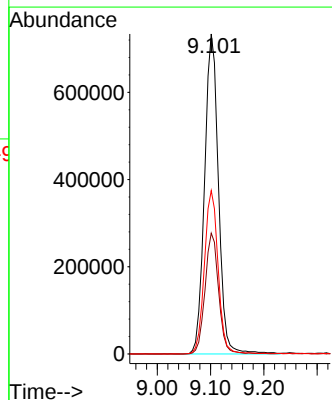
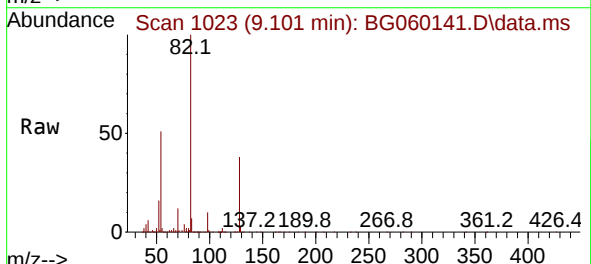
Instrument :
BNA_G
ClientSampleId :
GHL-SS-64a

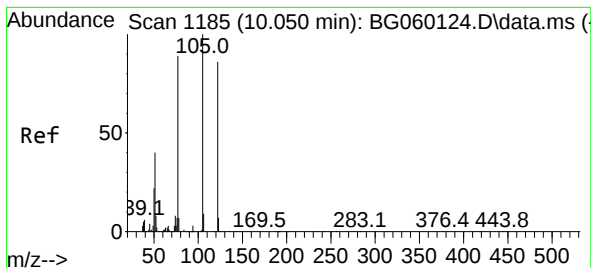
Tgt Ion:136 Resp: 1104459
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 9.6 8.7 13.1
68 7.5 6.2 9.4



#23
Nitrobenzene-d5
Concen: 58.950 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

Tgt Ion: 82 Resp: 1329063
Ion Ratio Lower Upper
82 100
128 37.8 30.5 45.7
54 51.0 41.9 62.9

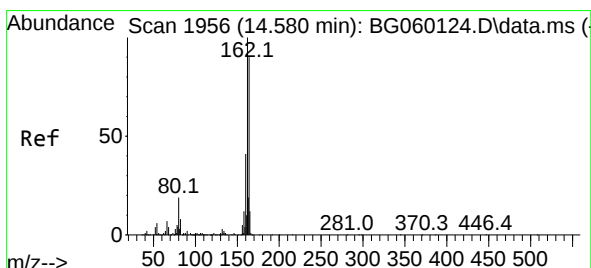
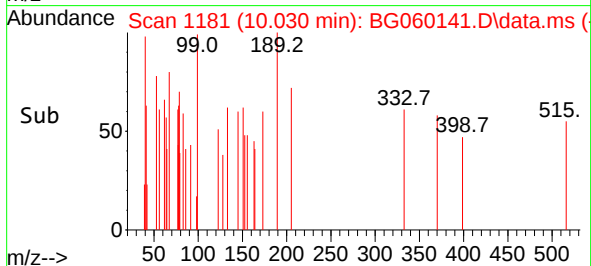
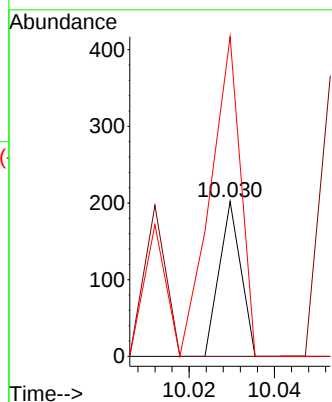
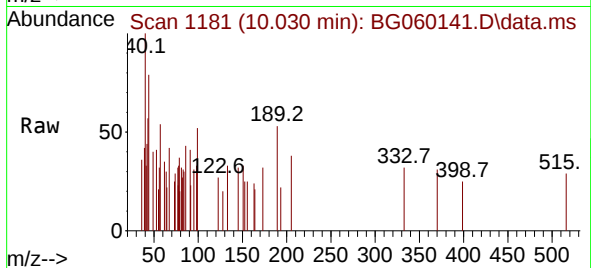




#32
Benzoic acid
Concen: 5.092 ng
RT: 10.030 min Scan# 1181
Delta R.T. -0.020 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

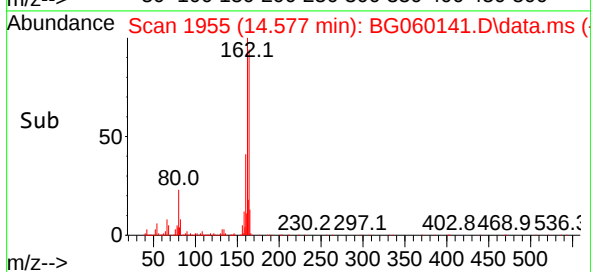
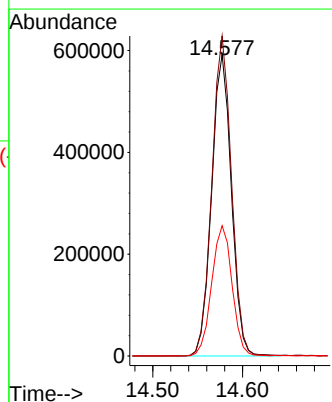
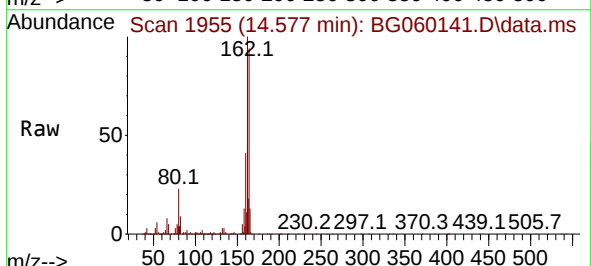
Instrument :
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ClientSampleId :
GHL-SS-64a

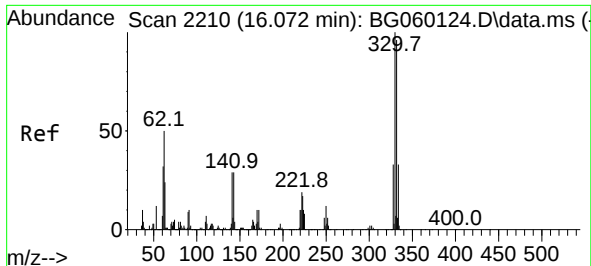
Tgt Ion:122 Resp: 71
Ion Ratio Lower Upper
122 100
105 0.0 93.2 133.2#
77 206.4 81.7 121.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

Tgt Ion:164 Resp: 901176
Ion Ratio Lower Upper
164 100
162 106.2 88.5 132.7
160 43.2 36.2 54.2

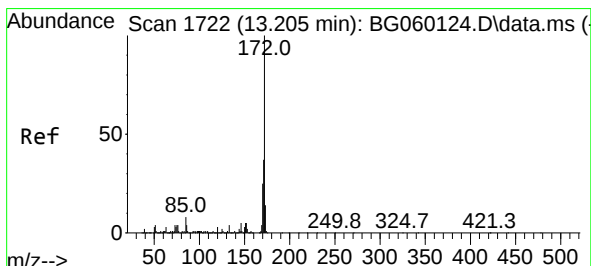
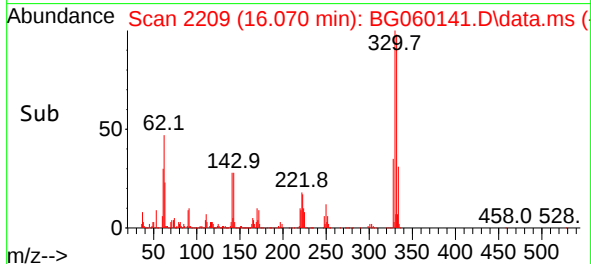
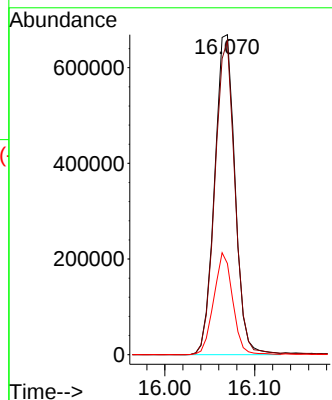
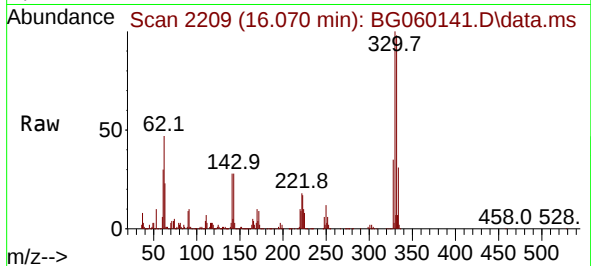




#42
2,4,6-Tribromophenol
Concen: 87.010 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

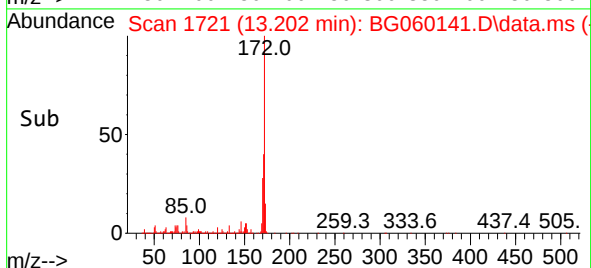
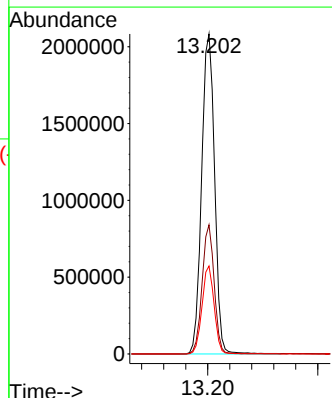
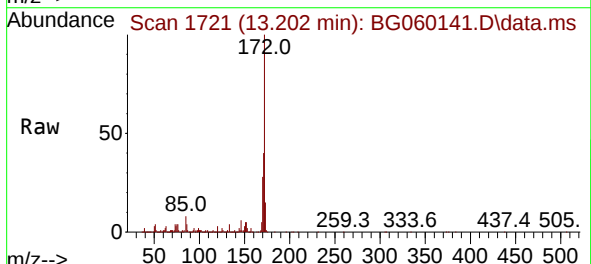
Instrument :
BNA_G
ClientSampleId :
GHL-SS-64a

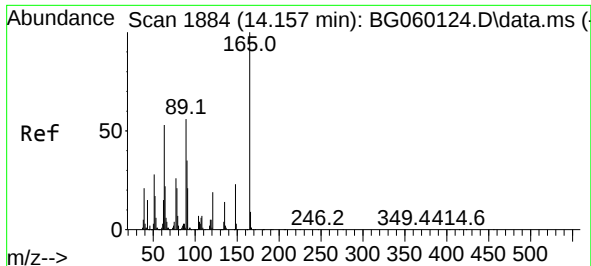
Tgt Ion:330 Resp: 1055745
Ion Ratio Lower Upper
330 100
332 96.7 75.5 113.3
141 29.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 56.854 ng
RT: 13.202 min Scan# 1721
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

Tgt Ion:172 Resp: 3412170
Ion Ratio Lower Upper
172 100
171 40.4 29.2 43.8
170 27.5 20.1 30.1

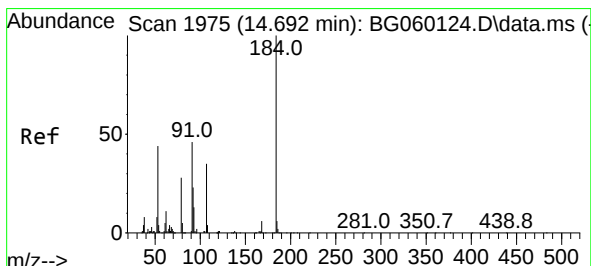
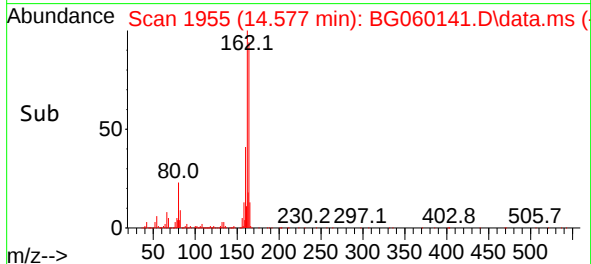
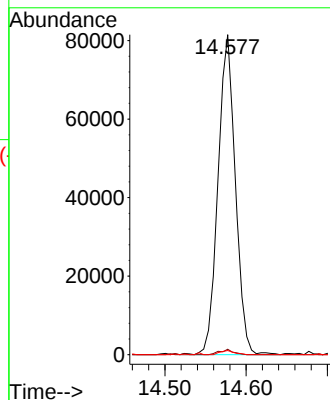
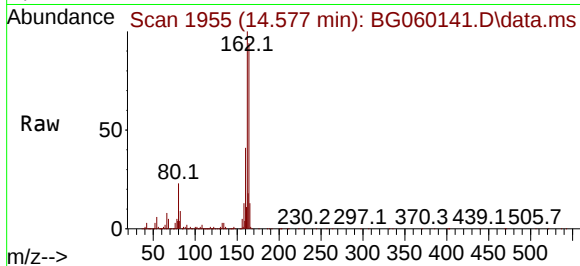




#51
2,6-Dinitrotoluene
Concen: 7.647 ng
RT: 14.577 min Scan# 1955
Delta R.T. 0.420 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

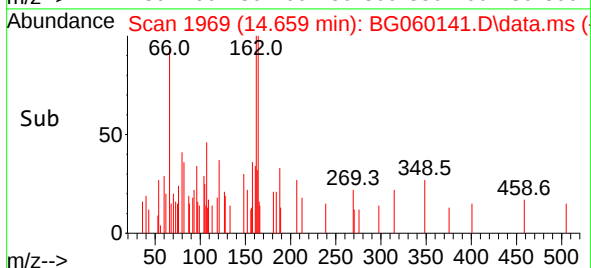
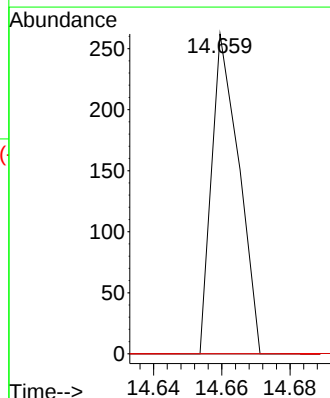
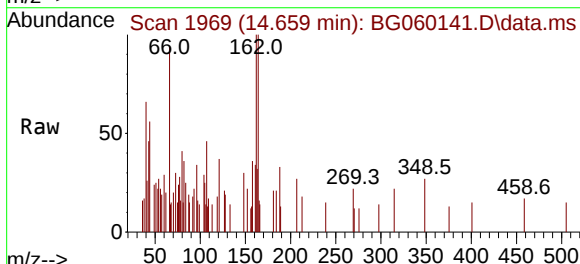
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BNA_G
ClientSampleId :
GHL-SS-64a

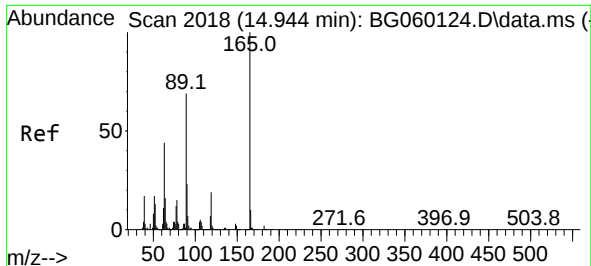
Tgt Ion:165 Resp: 121238
Ion Ratio Lower Upper
165 100
63 1.7 45.4 68.2#
89 1.3 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.632 ng
RT: 14.659 min Scan# 1969
Delta R.T. -0.033 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

Tgt Ion:184 Resp: 146
Ion Ratio Lower Upper
184 100
63 0.0 48.1 72.1#
154 0.0 44.3 66.5#

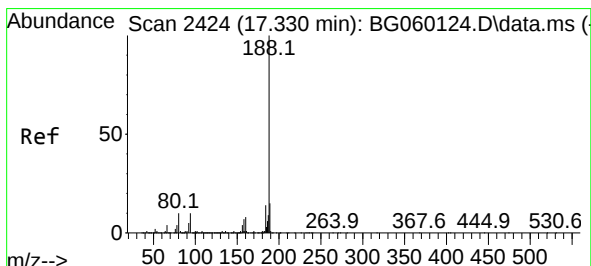
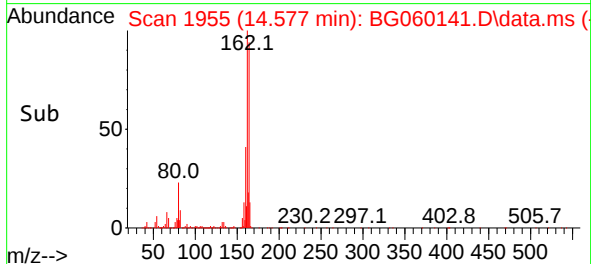
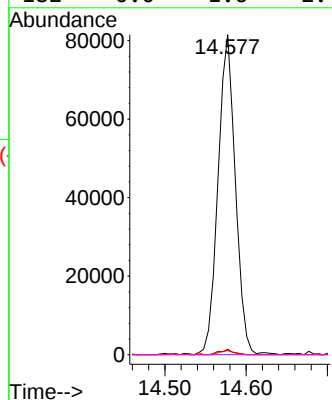
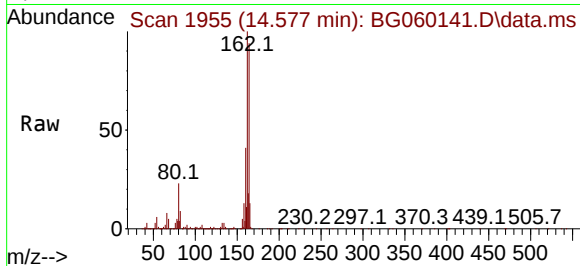




#57
2,4-Dinitrotoluene
Concen: 5.209 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.367 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

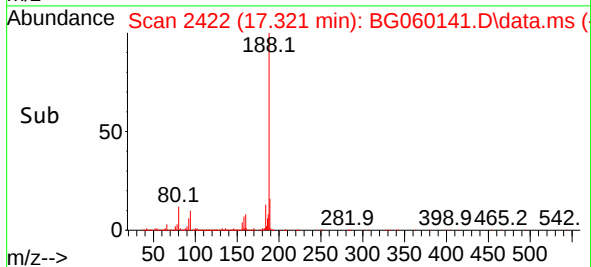
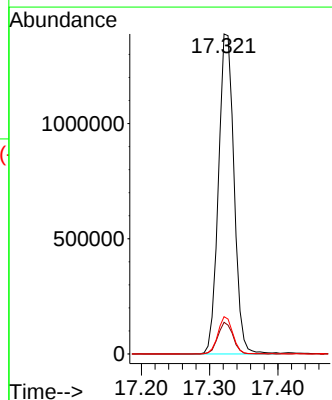
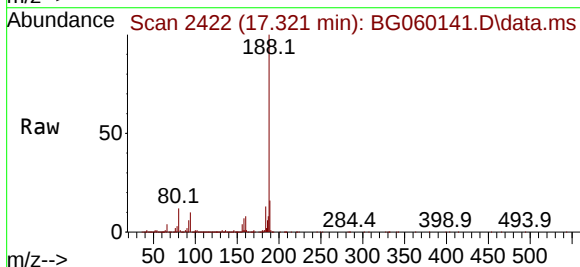
Instrument :
BNA_G
ClientSampleId :
GHL-SS-64a

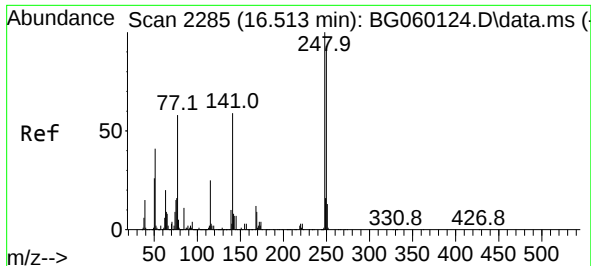
Tgt Ion:165 Resp: 121238
Ion Ratio Lower Upper
165 100
63 1.7 35.4 53.0#
89 1.3 55.6 83.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2422
Delta R.T. -0.009 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

Tgt Ion:188 Resp: 2207674
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 11.6 7.9 11.9

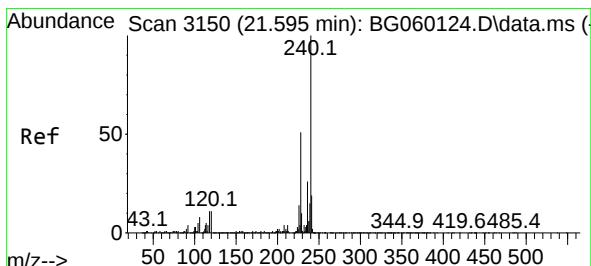
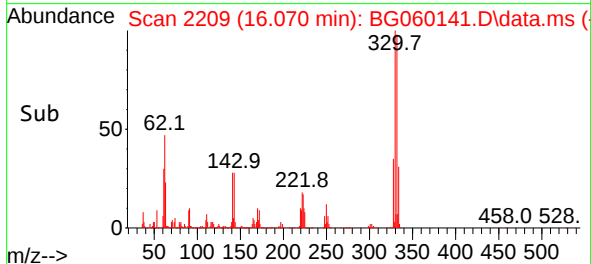
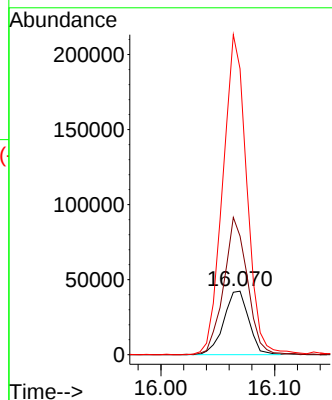
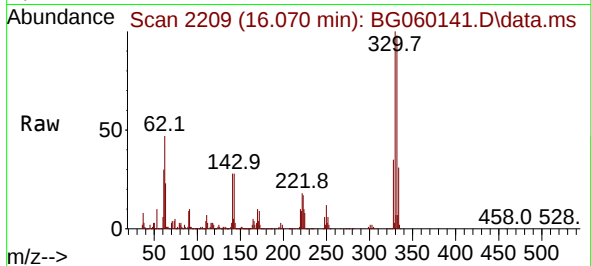




#67
4-Bromophenyl-phenylether
Concen: 3.097 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

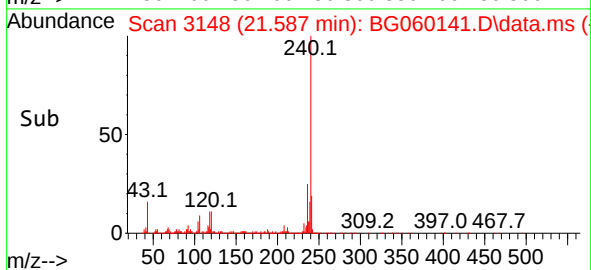
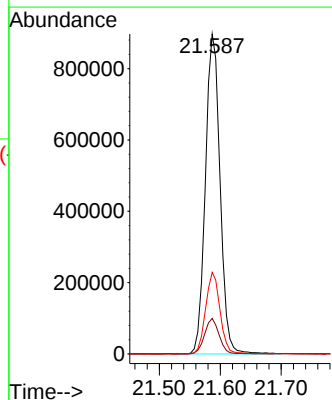
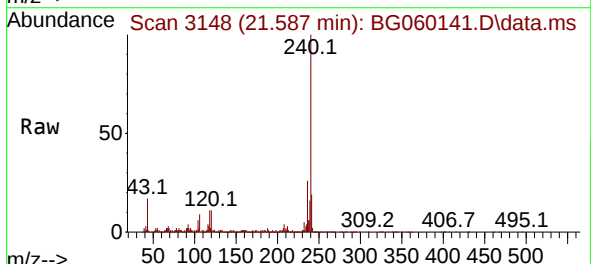
Instrument :
BNA_G
ClientSampleId :
GHL-SS-64a

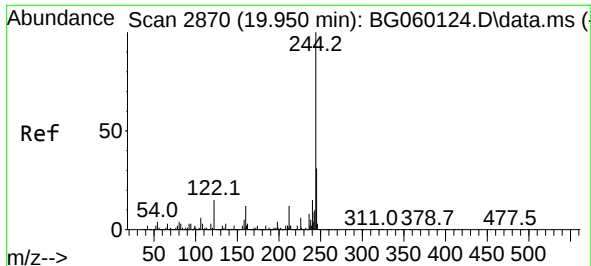
Tgt Ion:248 Resp: 64421
Ion Ratio Lower Upper
248 100
250 145.2 74.5 111.7#
141 350.1 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3148
Delta R.T. -0.009 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

Tgt Ion:240 Resp: 1502504
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.6
236 25.5 20.4 30.6

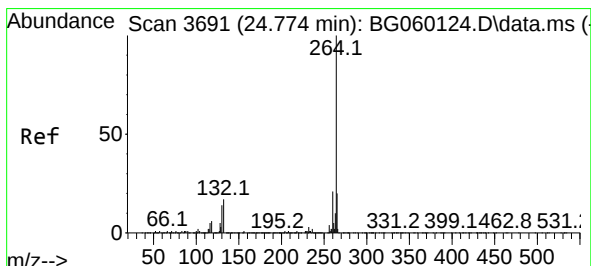
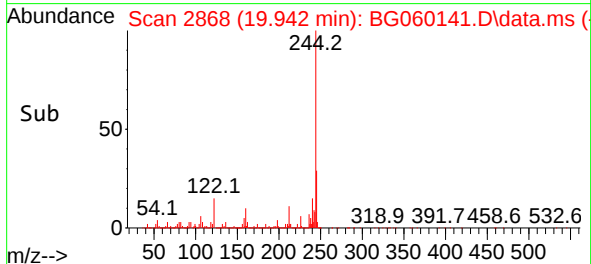
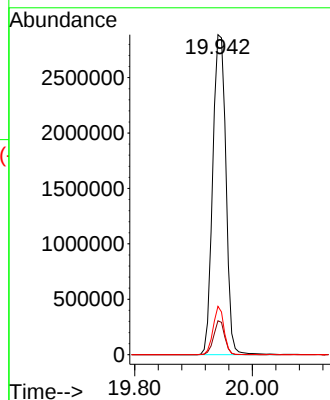
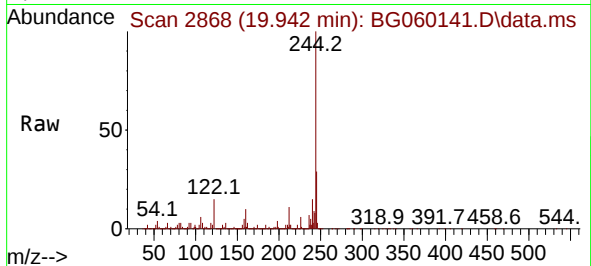




#79
 Terphenyl-d14
 Concen: 53.993 ng
 RT: 19.942 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG060141.D
 Acq: 22 Dec 2023 16:51

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-64a

Tgt Ion:244 Resp: 4483149
 Ion Ratio Lower Upper
 244 100
 212 10.6 9.5 14.3
 122 15.1 12.2 18.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.765 min Scan# 3689
 Delta R.T. -0.009 min
 Lab File: BG060141.D
 Acq: 22 Dec 2023 16:51

Tgt Ion:264 Resp: 1584769
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.1 25.7
 265 20.7 16.0 24.0

