

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060162.D
 Acq On : 23 Dec 2023 7:42
 Operator : MA/JU
 Sample : 05897-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-35a

Quant Time: Dec 25 00:44:39 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)

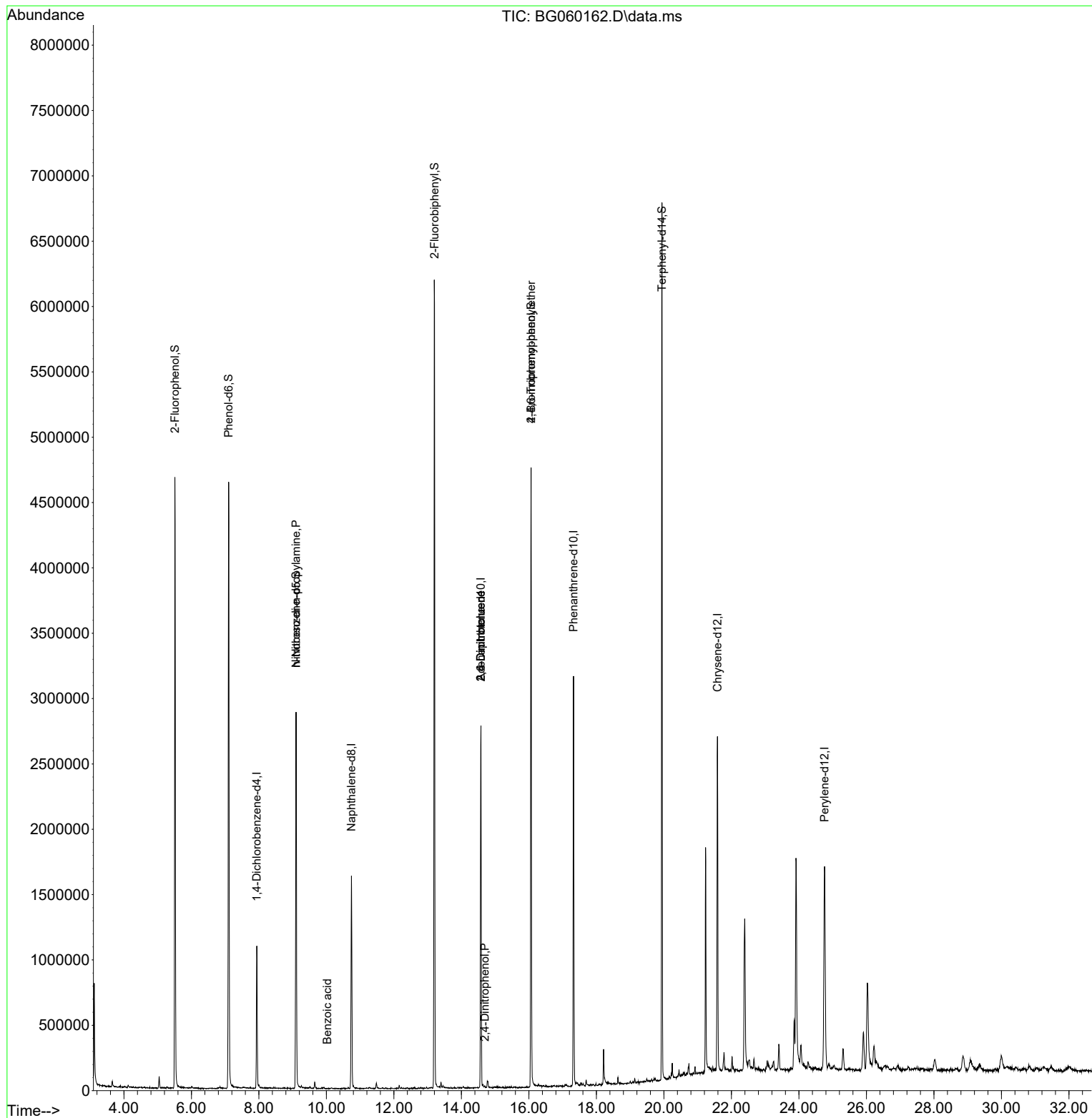
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	326603	20.000	ng	# 0.00
21) Naphthalene-d8	10.740	136	1408426	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	1011658	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	2009899	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1539600	20.000	ng	0.00
86) Perylene-d12	24.759	264	1708179	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	2103929	101.505	ng	0.00
7) Phenol-d6	7.103	99	2965197	85.004	ng	0.00
23) Nitrobenzene-d5	9.101	82	1868157	64.978	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	951628	69.864	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	3433575	50.963	ng	0.00
79) Terphenyl-d14	19.941	244	3306886	38.867	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.101	70	232569	8.574	ng	# 77
32) Benzoic acid	10.029	122	109	5.093	ng	# 1
51) 2,6-Dinitrotoluene	14.577	165	135035	7.587	ng	# 24
54) 2,4-Dinitrophenol	14.694	184	57	6.623	ng	# 1
57) 2,4-Dinitrotoluene	14.577	165	135035	5.168	ng	# 23
67) 4-Bromophenyl-phenylether	16.063	248	58770	3.104	ng	# 1

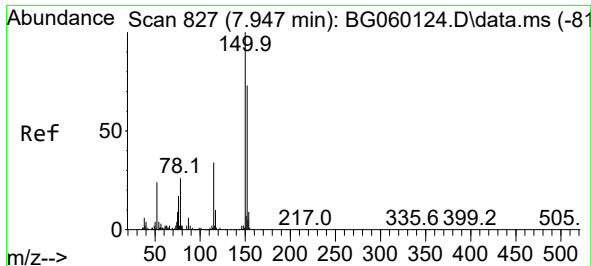
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 25 00:44:39 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

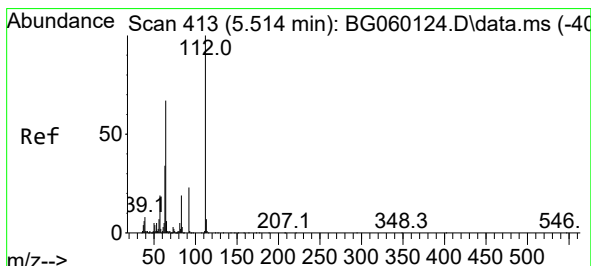
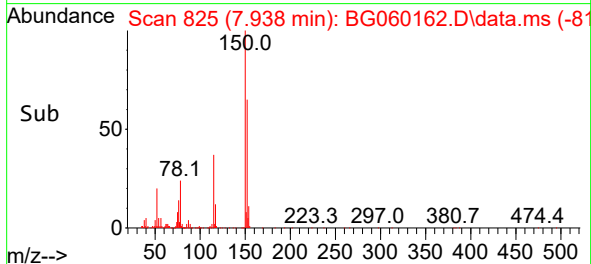
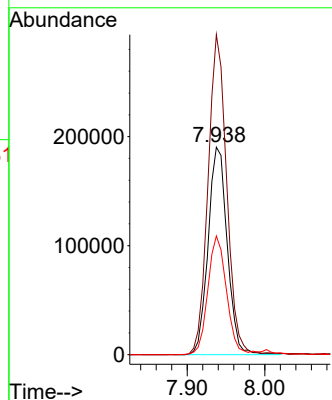
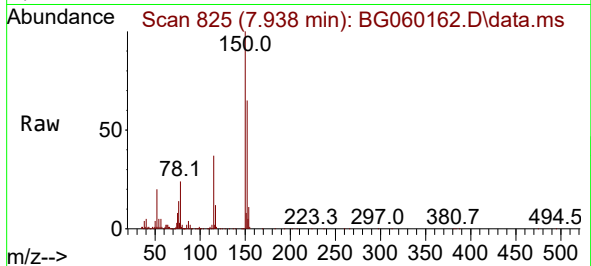




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

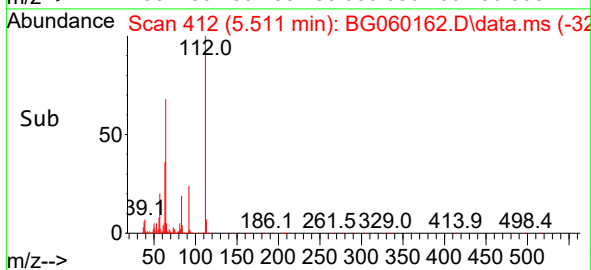
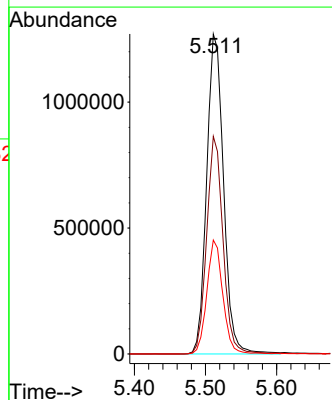
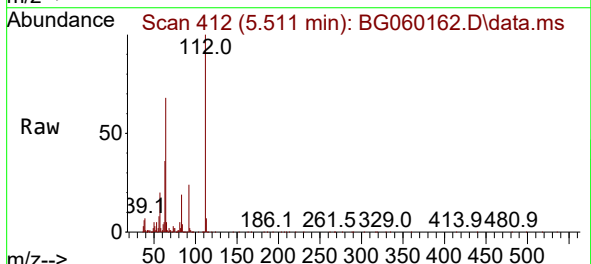
Instrument :
BNA_G
ClientSampleId :
GHL-SS-35a

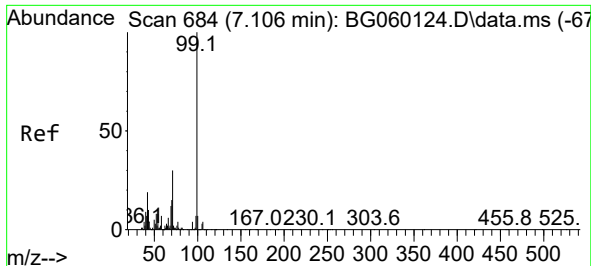
Tgt Ion:152 Resp: 326603
Ion Ratio Lower Upper
152 100
150 154.3 109.4 164.0
115 57.3 36.5 54.7#



#5
2-Fluorophenol
Concen: 101.505 ng
RT: 5.511 min Scan# 412
Delta R.T. -0.003 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

Tgt Ion:112 Resp: 2103929
Ion Ratio Lower Upper
112 100
64 68.0 53.3 79.9
63 35.6 27.1 40.7

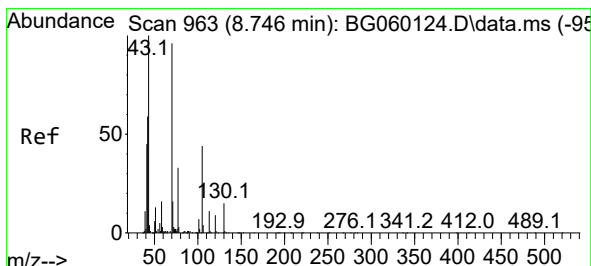
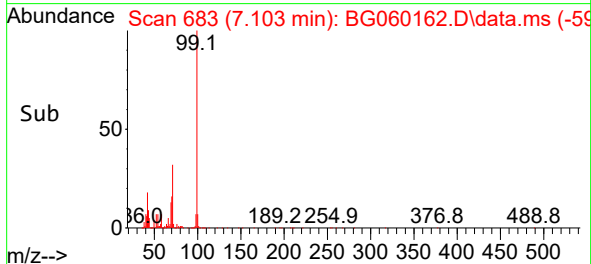
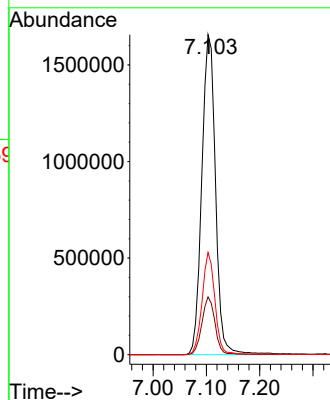
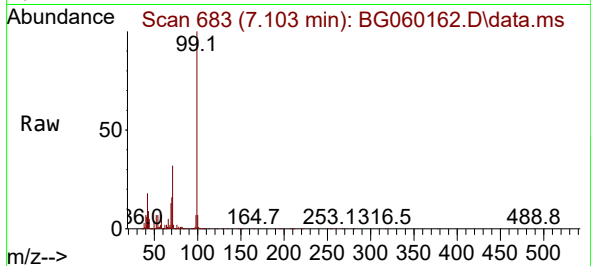




#7
Phenol-d6
Concen: 85.004 ng
RT: 7.103 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

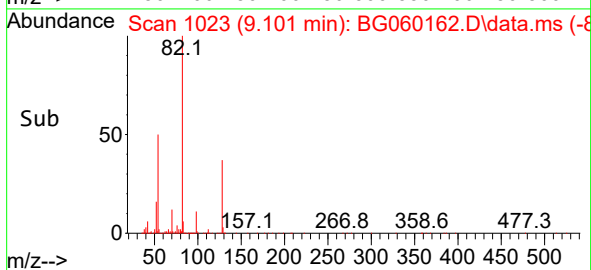
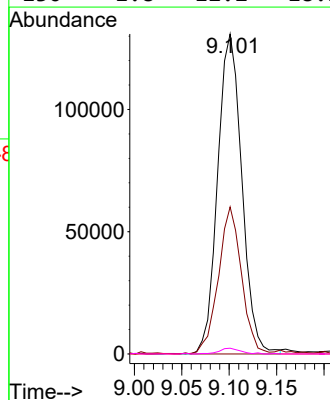
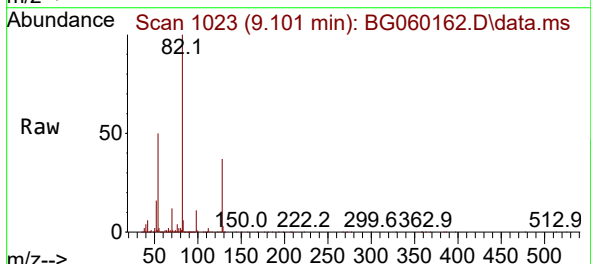
Instrument :
BNA_G
ClientSampleId :
GHL-SS-35a

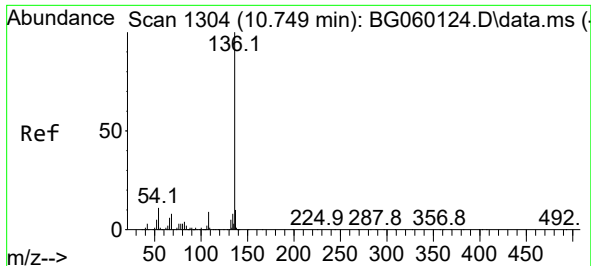
Tgt Ion: 99 Resp: 2965197
Ion Ratio Lower Upper
99 100
42 18.1 15.2 22.8
71 31.9 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.574 ng
RT: 9.101 min Scan# 1023
Delta R.T. 0.355 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

Tgt Ion: 70 Resp: 232569
Ion Ratio Lower Upper
70 100
42 45.9 49.6 74.4#
101 0.0 6.2 9.4#
130 1.8 12.2 18.2#



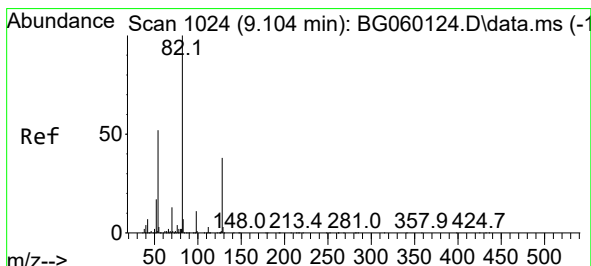
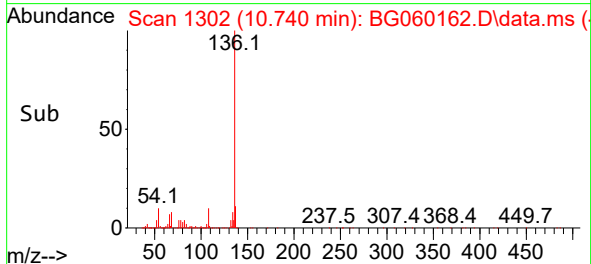
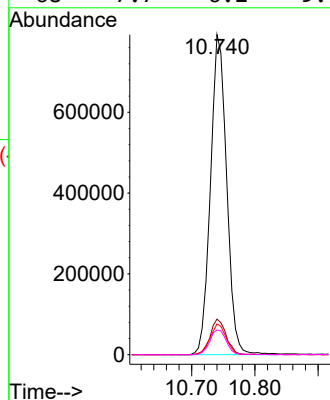
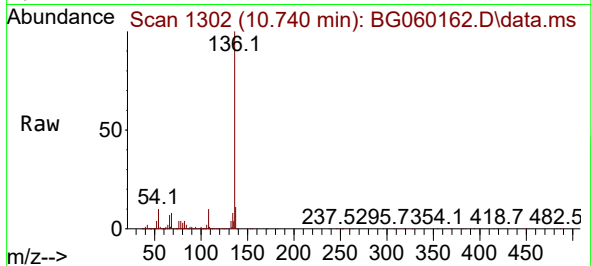


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

Instrument :
BNA_G
ClientSampleId :
GHL-SS-35a

Tgt Ion:136 Resp: 1408426

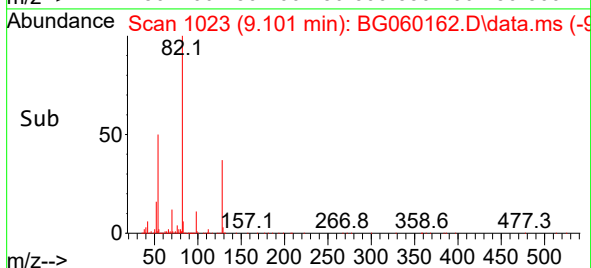
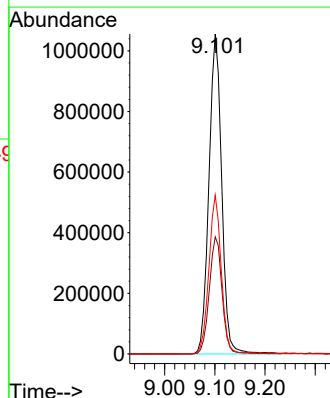
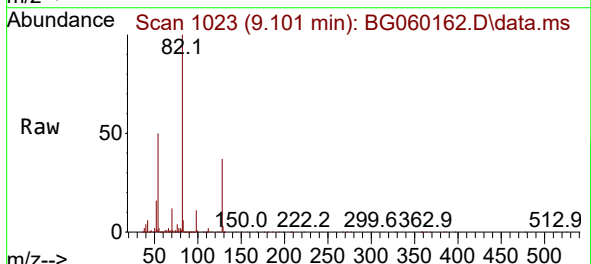
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.1	12.1
54	9.6	8.7	13.1
68	7.7	6.2	9.4

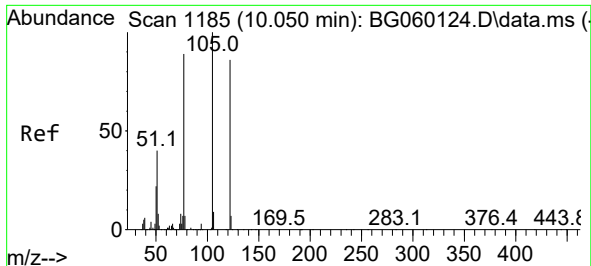


#23
Nitrobenzene-d5
Concen: 64.978 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

Tgt Ion: 82 Resp: 1868157

Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.5	45.7
54	49.6	41.9	62.9

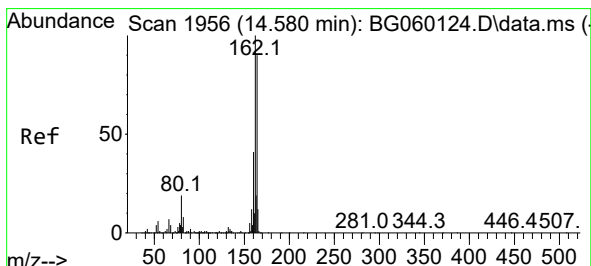
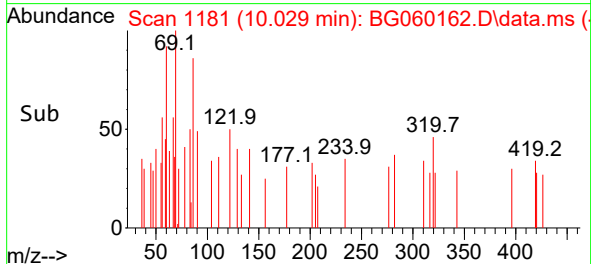
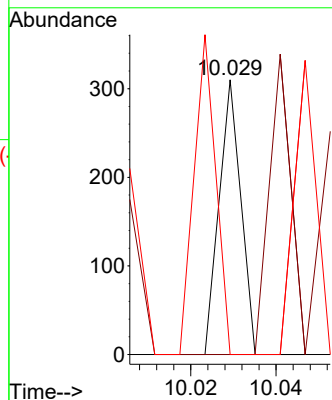
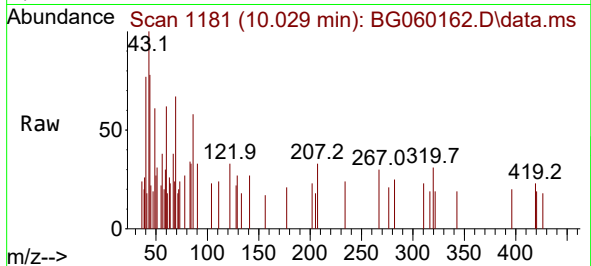




#32
Benzoic acid
Concen: 5.093 ng
RT: 10.029 min Scan# 1181
Delta R.T. -0.021 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

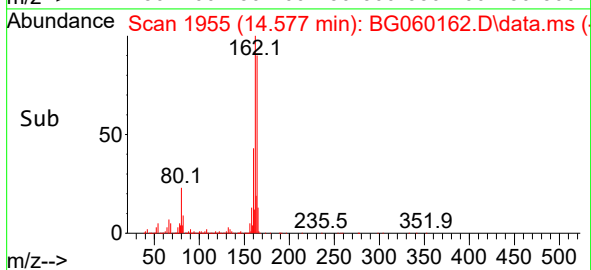
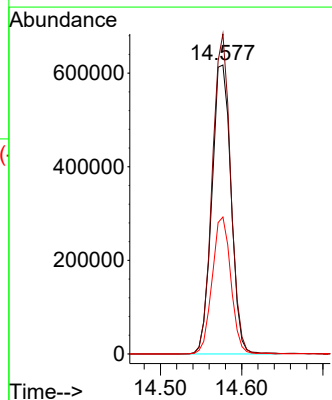
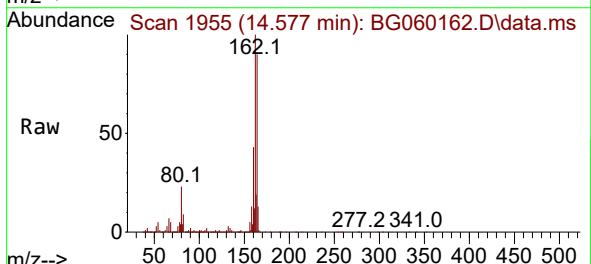
Instrument :
BNA_G
ClientSampleId :
GHL-SS-35a

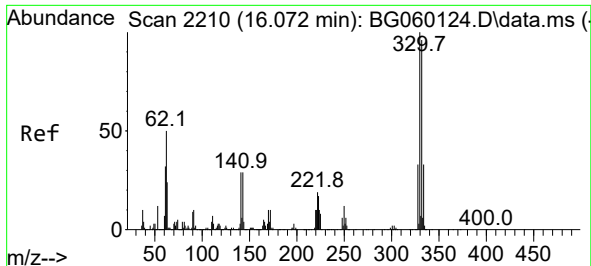
Tgt Ion:122 Resp: 109
Ion Ratio Lower Upper
122 100
105 0.0 93.2 133.2#
77 0.0 81.7 121.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

Tgt Ion:164 Resp: 1011658
Ion Ratio Lower Upper
164 100
162 110.7 88.5 132.7
160 47.4 36.2 54.2

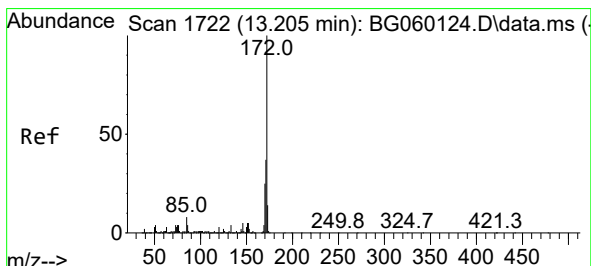
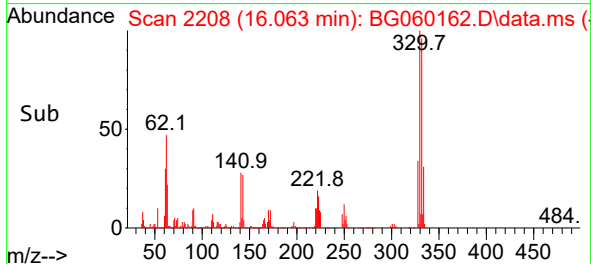
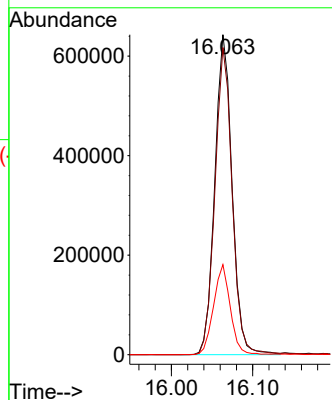
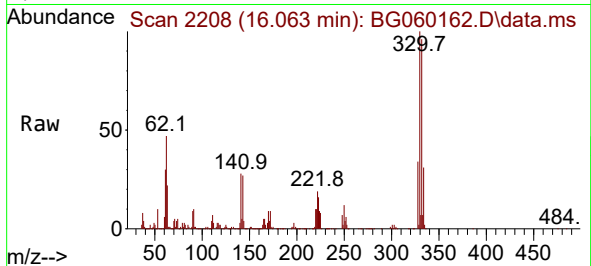




#42
2,4,6-Tribromophenol
Concen: 69.864 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

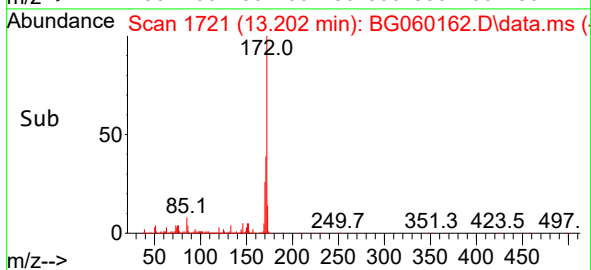
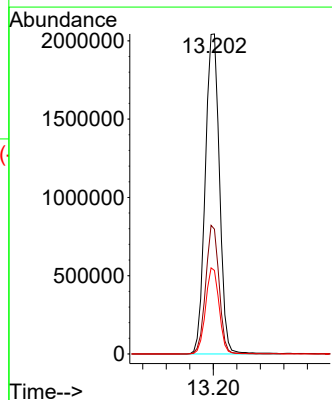
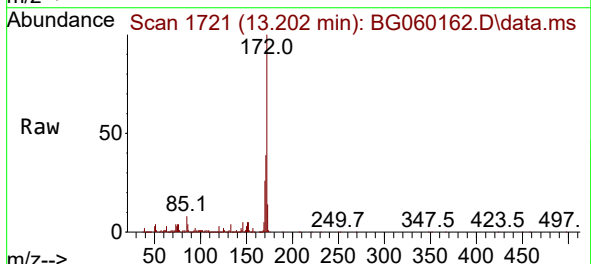
Instrument :
BNA_G
ClientSampleId :
GHL-SS-35a

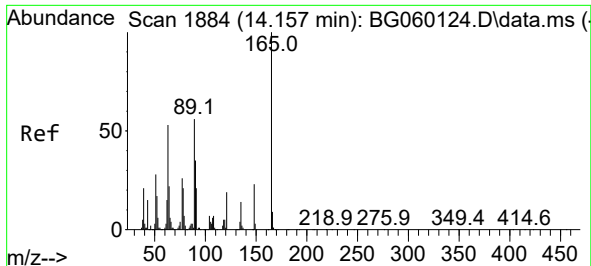
Tgt Ion:330 Resp: 951628
Ion Ratio Lower Upper
330 100
332 96.2 75.5 113.3
141 27.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 50.963 ng
RT: 13.202 min Scan# 1721
Delta R.T. -0.003 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

Tgt Ion:172 Resp: 3433575
Ion Ratio Lower Upper
172 100
171 39.0 29.2 43.8
170 26.1 20.1 30.1

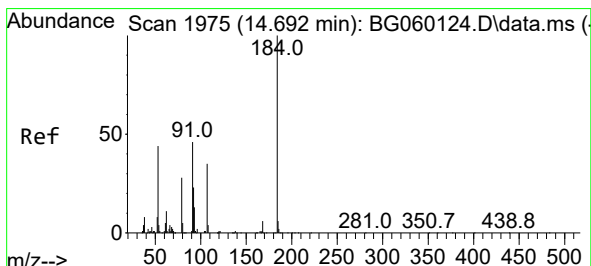
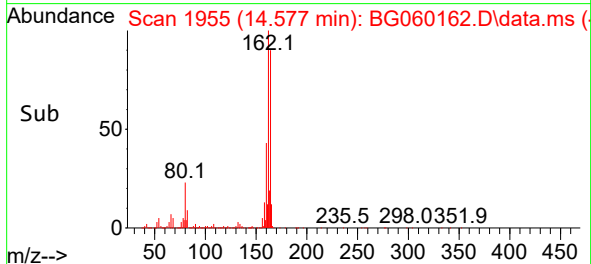
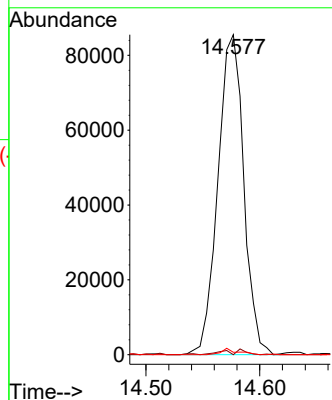
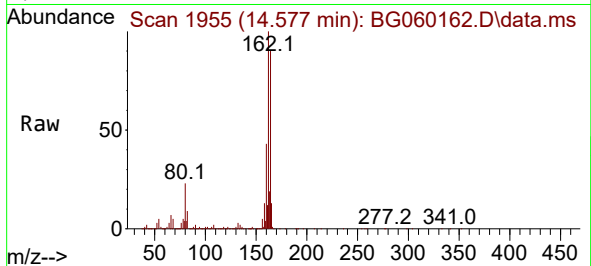




#51
2,6-Dinitrotoluene
Concen: 7.587 ng
RT: 14.577 min Scan# 1955
Delta R.T. 0.420 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

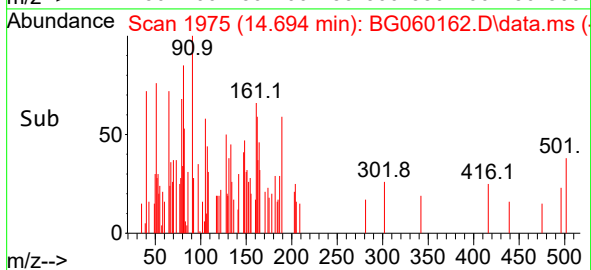
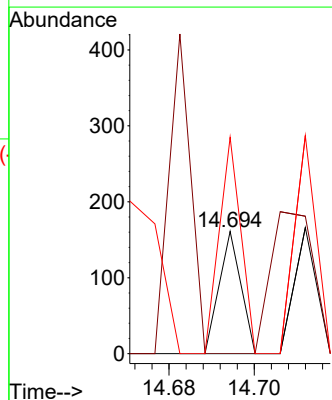
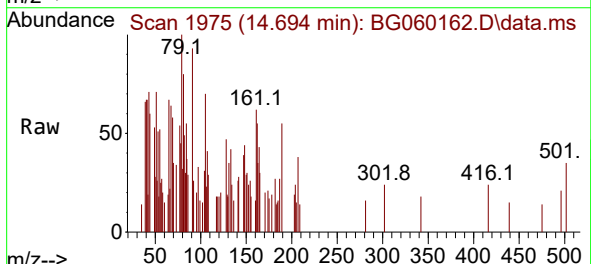
Instrument :
BNA_G
ClientSampleId :
GHL-SS-35a

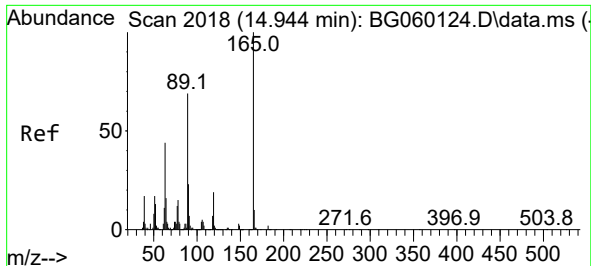
Tgt Ion:165 Resp: 135035
Ion Ratio Lower Upper
165 100
63 0.0 45.4 68.2#
89 0.7 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.623 ng
RT: 14.694 min Scan# 1975
Delta R.T. 0.002 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 0.0 48.1 72.1#
154 177.0 44.3 66.5#

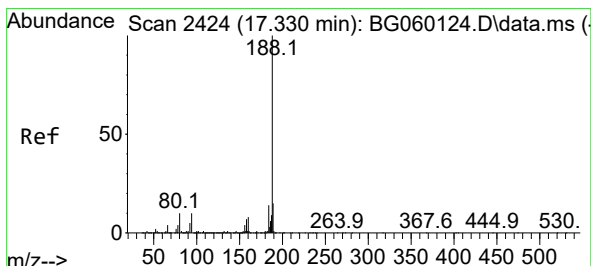
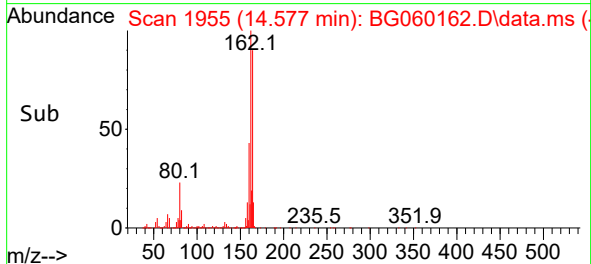
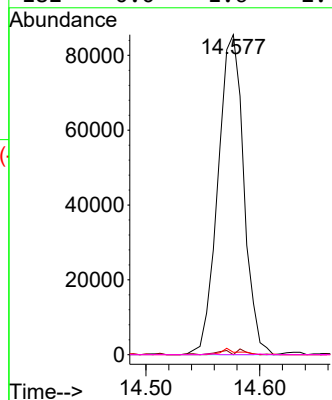
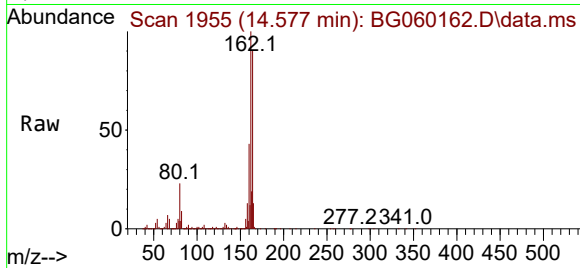




#57
2,4-Dinitrotoluene
Concen: 5.168 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.367 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

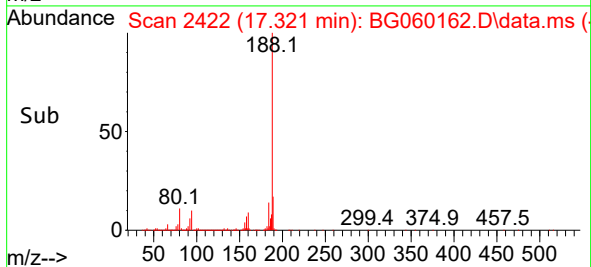
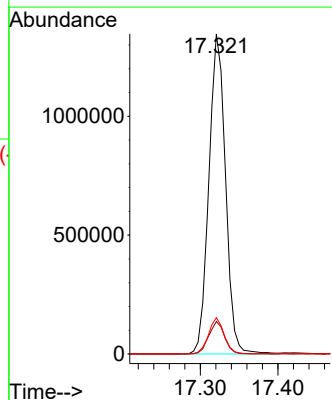
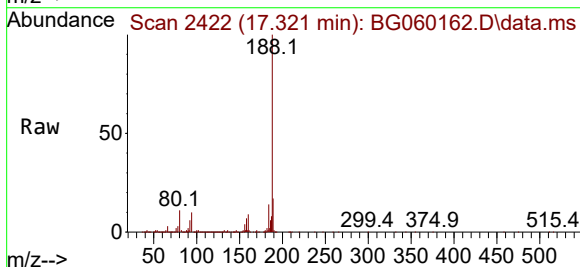
Instrument :
BNA_G
ClientSampleId :
GHL-SS-35a

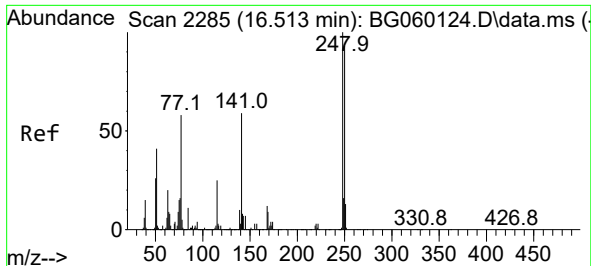
Tgt Ion:165 Resp: 135035
Ion Ratio Lower Upper
165 100
63 0.0 35.4 53.0#
89 0.7 55.6 83.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2422
Delta R.T. -0.009 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

Tgt Ion:188 Resp: 2009899
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 11.4 7.9 11.9

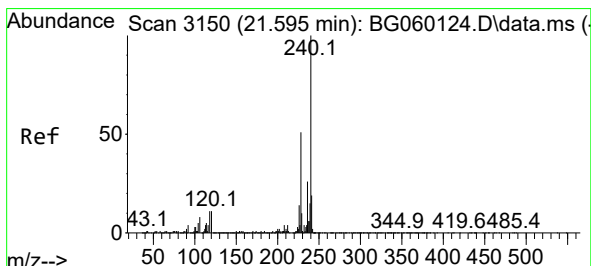
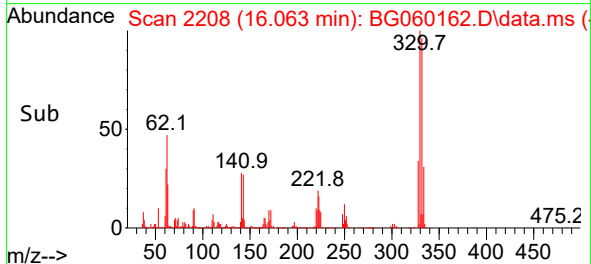
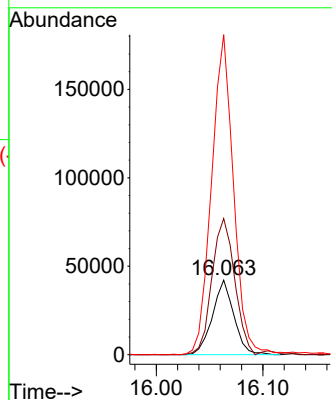
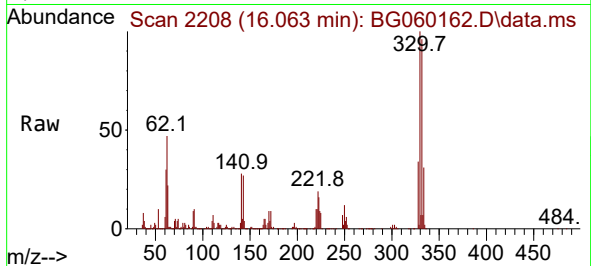




#67
4-Bromophenyl-phenylether
Concen: 3.104 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

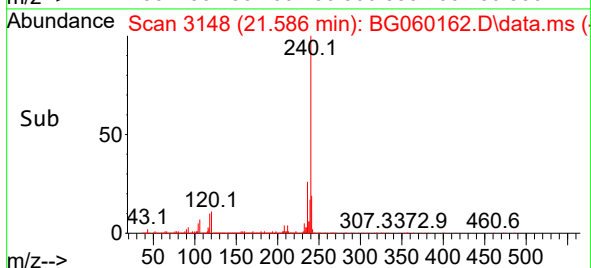
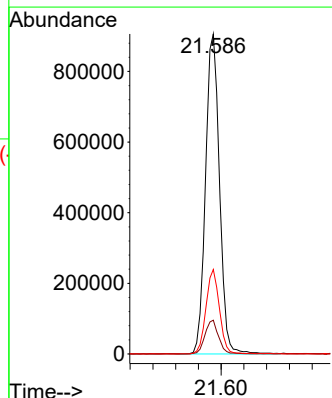
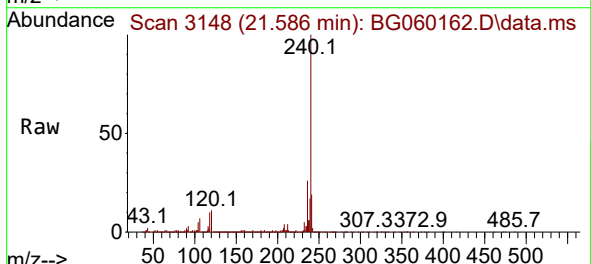
Instrument :
BNA_G
ClientSampleId :
GHL-SS-35a

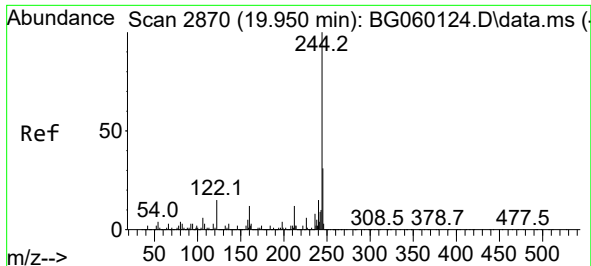
Tgt Ion:248 Resp: 58770
Ion Ratio Lower Upper
248 100
250 146.8 74.5 111.7#
141 344.9 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.009 min
Lab File: BG060162.D
Acq: 23 Dec 2023 7:42

Tgt Ion:240 Resp: 1539600
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 26.4 20.4 30.6

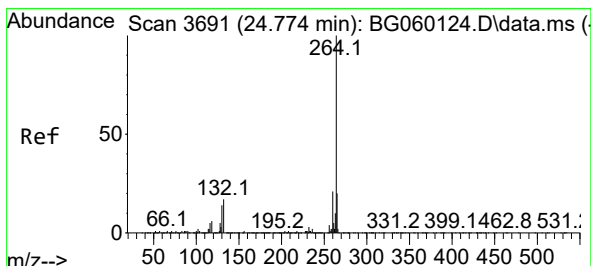
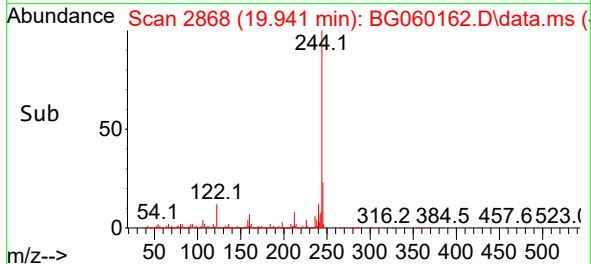
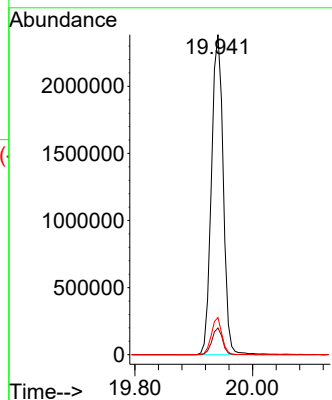
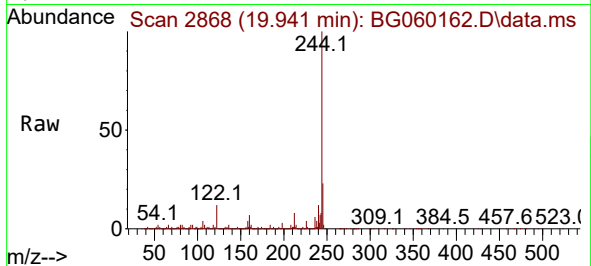




#79
 Terphenyl-d14
 Concen: 38.867 ng
 RT: 19.941 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG060162.D
 Acq: 23 Dec 2023 7:42

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-35a

Tgt Ion:244 Resp: 3306886
 Ion Ratio Lower Upper
 244 100
 212 8.4 9.5 14.3#
 122 11.6 12.2 18.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.759 min Scan# 3688
 Delta R.T. -0.015 min
 Lab File: BG060162.D
 Acq: 23 Dec 2023 7:42

Tgt Ion:264 Resp: 1708179
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.1 25.7
 265 21.7 16.0 24.0

