

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053408.D
 Acq On : 2 May 2022 20:52
 Operator : CG/JU
 Sample : N2619-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS04-1.5-2.5-FT

Quant Time: May 03 06:43:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

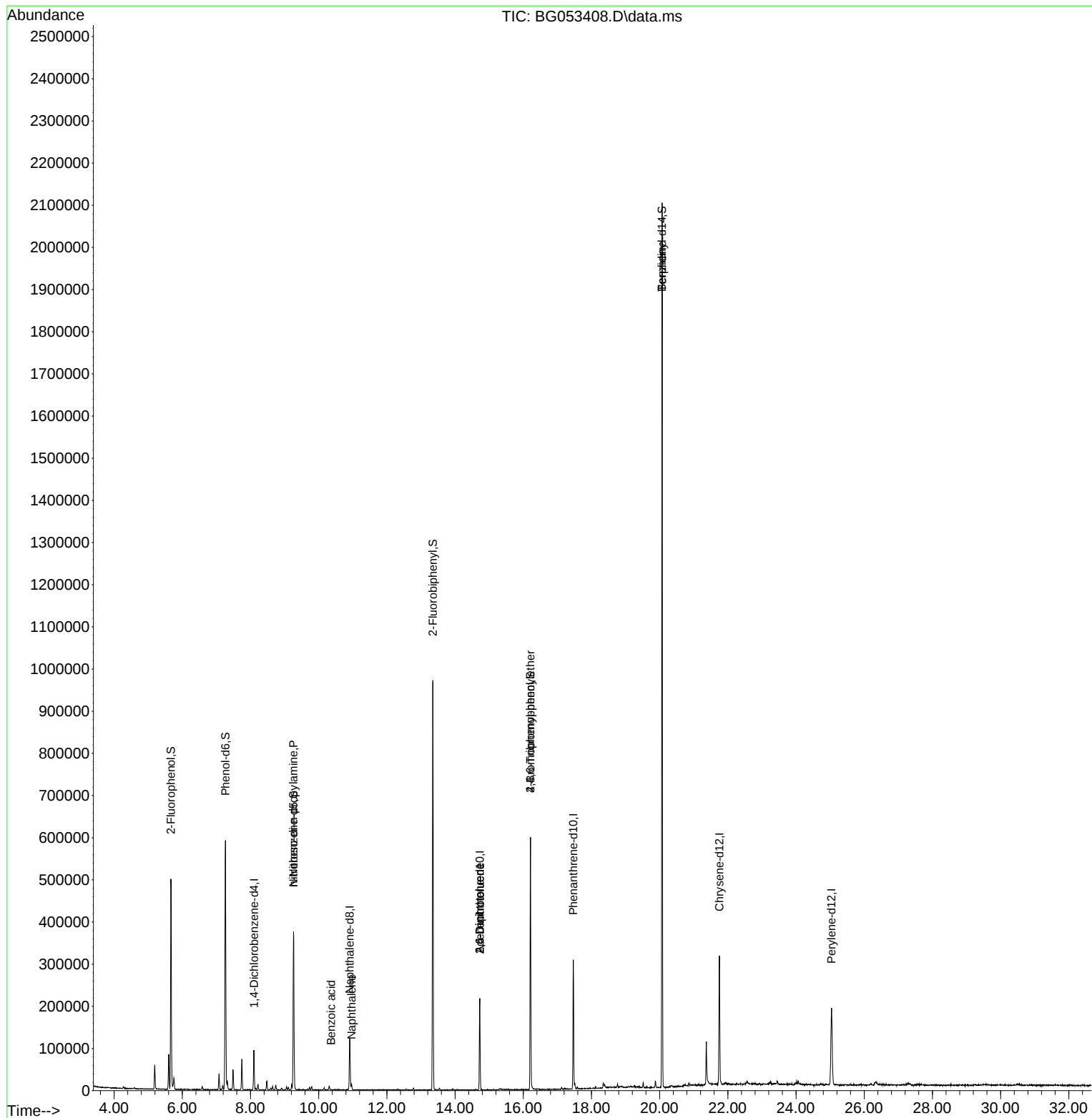
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	26050	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	101264	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	77042	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	196964	20.000	ng	-0.01
76) Chrysene-d12	21.751	240	199051	20.000	ng	-0.01
86) Perylene-d12	25.041	264	203240	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	205933	135.511	ng	0.00
7) Phenol-d6	7.265	99	334686	142.815	ng	0.00
23) Nitrobenzene-d5	9.262	82	242376	97.185	ng	-0.01
42) 2,4,6-Tribromophenol	16.212	330	117599	95.944	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	526358	94.208	ng	0.00
79) Terphenyl-d14	20.071	244	1034774	87.798	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.262	70	33812	19.707	ng	# 79
31) Naphthalene	10.966	128	10889	2.016	ng	# 94
32) Benzoic acid	10.361	122	60	3.688	ng	# 1
51) 2,6-Dinitrotoluene	14.725	165	10401	8.091	ng	# 24
57) 2,4-Dinitrotoluene	14.725	165	10401	5.683	ng	# 22
67) 4-Bromophenyl-phenylether	16.212	248	8014	3.175	ng	# 1
77) Benzidine	20.071	184	16953	2.985	ng	# 90

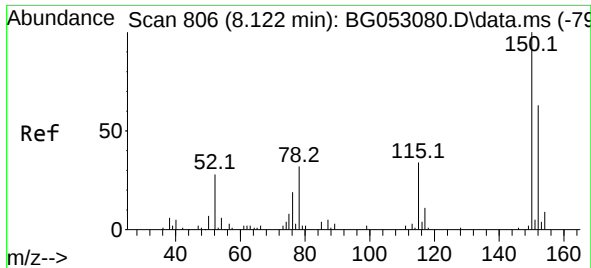
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
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Misc :
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SS04-1.5-2.5-FT

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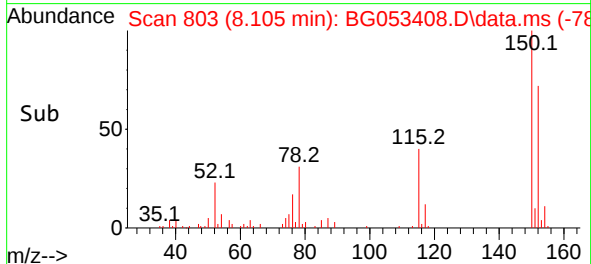
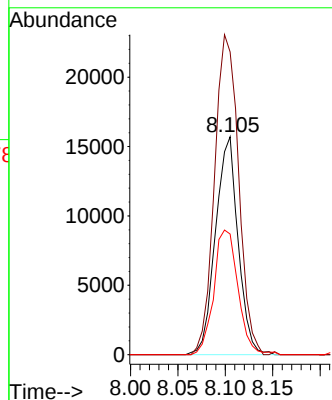
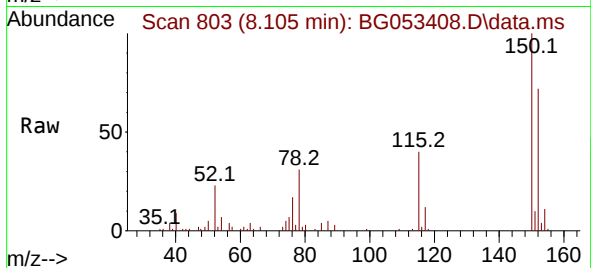




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

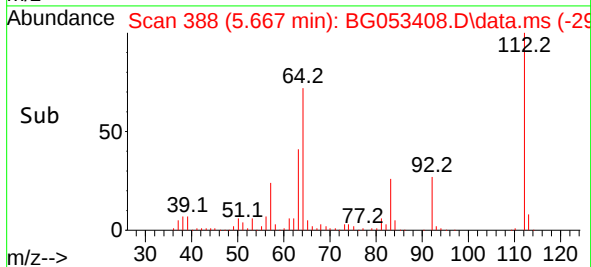
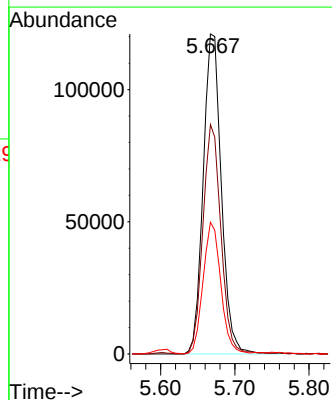
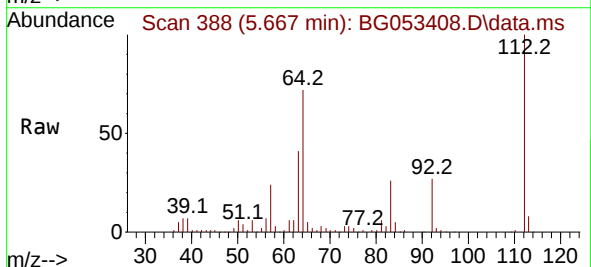
Instrument :
BNA_G
ClientSampleId :
SS04-1.5-2.5-FT

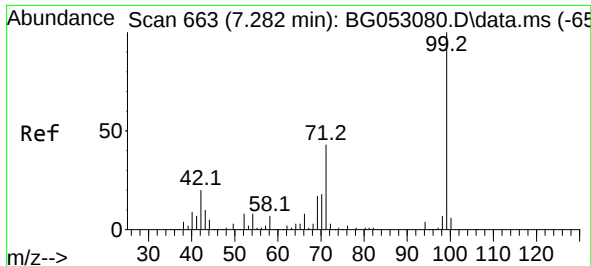
Tgt Ion:152 Resp: 26050
Ion Ratio Lower Upper
152 100
150 139.0 114.6 172.0
115 55.4 45.9 68.9



#5
2-Fluorophenol
Concen: 135.511 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.009 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

Tgt Ion:112 Resp: 205933
Ion Ratio Lower Upper
112 100
64 71.7 48.0 72.0
63 41.1 26.5 39.7#

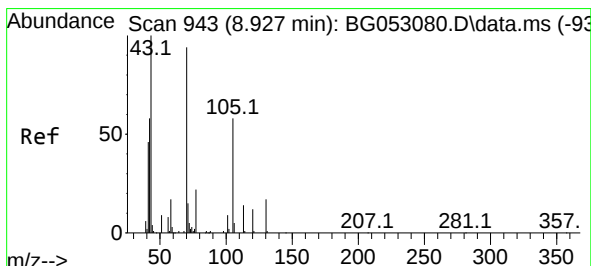
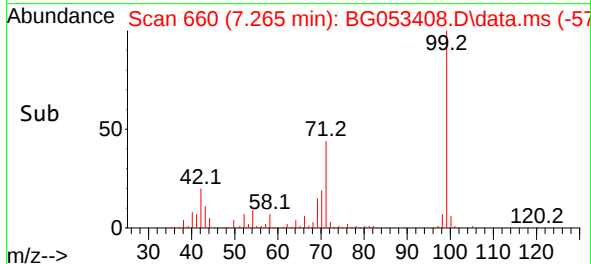
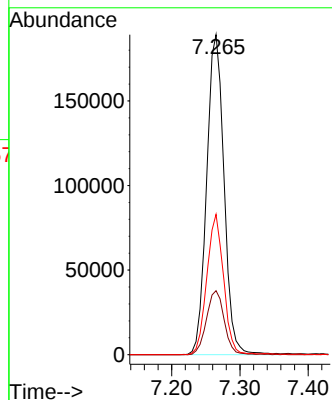
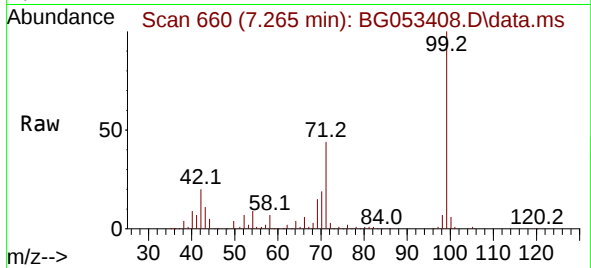




#7
Phenol-d6
Concen: 142.815 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

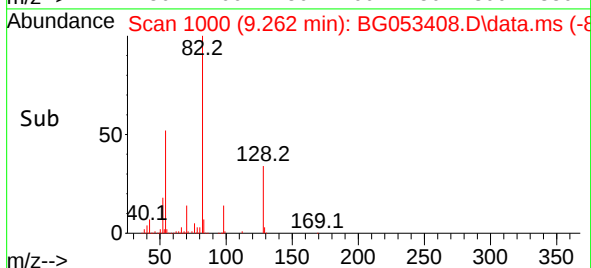
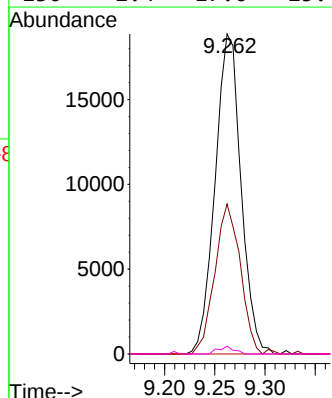
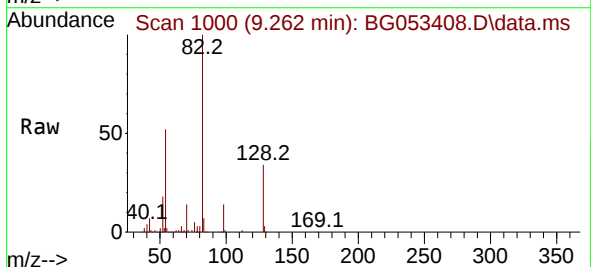
Instrument :
BNA_G
ClientSampleId :
SS04-1.5-2.5-FT

Tgt Ion: 99 Resp: 334686
Ion Ratio Lower Upper
99 100
42 20.0 14.7 22.1
71 43.8 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 19.707 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

Tgt Ion: 70 Resp: 33812
Ion Ratio Lower Upper
70 100
42 46.8 46.0 69.0
101 0.0 6.2 9.4#
130 2.4 17.0 25.4#

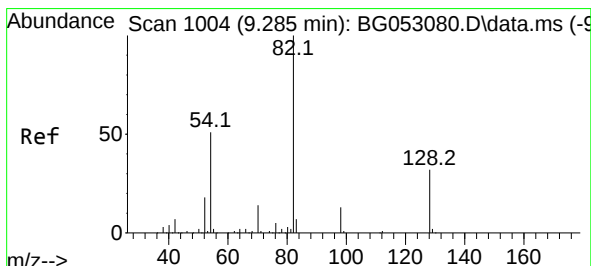
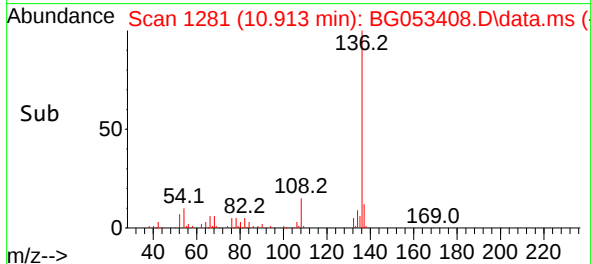
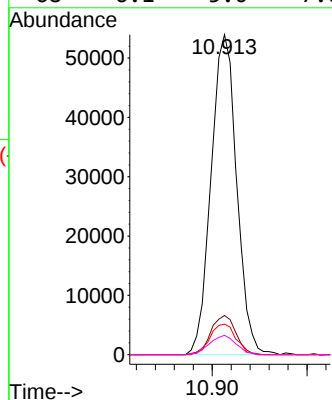
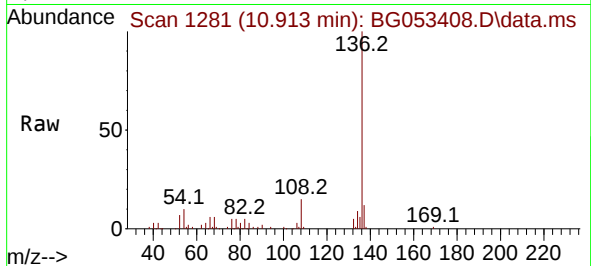




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

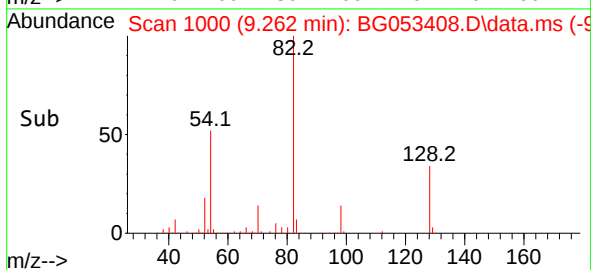
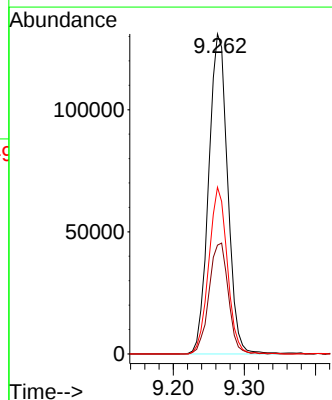
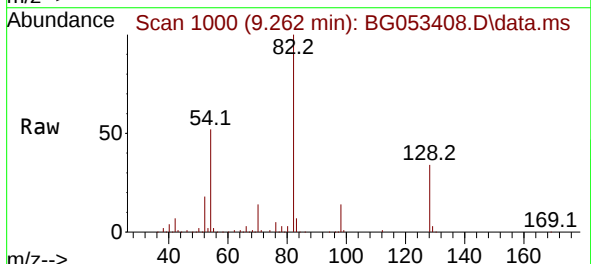
Instrument :
BNA_G
ClientSampleId :
SS04-1.5-2.5-FT

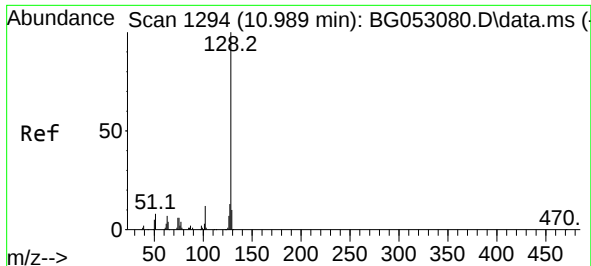
Tgt Ion	136	Resp: Lower	101264 Upper
136	100		
137	12.3	9.4	14.2
54	9.5	6.4	9.6
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 97.185 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.014 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

Tgt Ion: 82	Resp: 242376
Ion Ratio	Lower Upper
82 100	
128 34.0	31.3 46.9
54 52.1	37.8 56.8

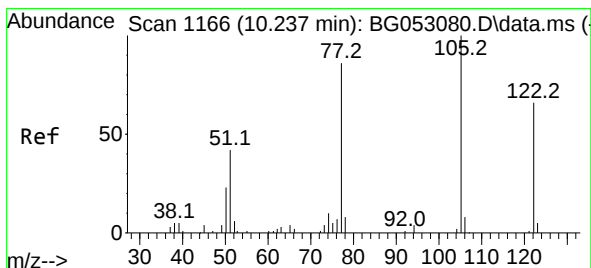
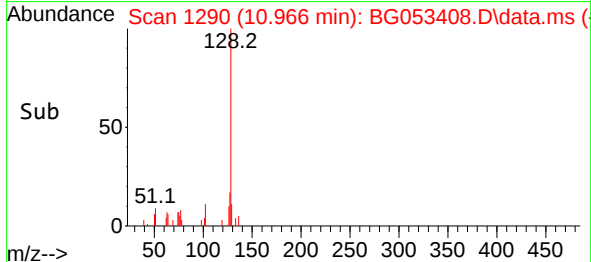
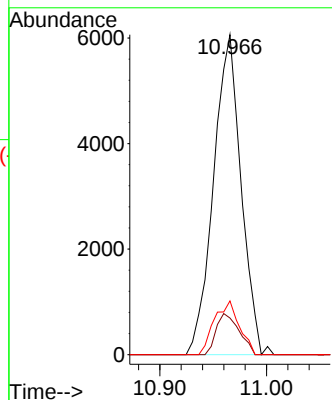
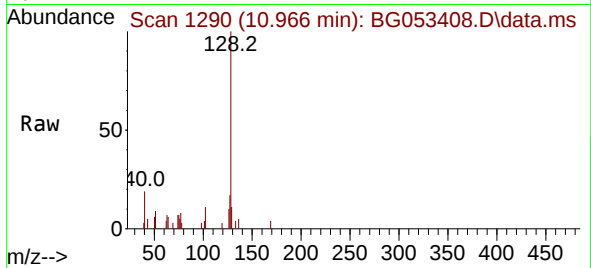




#31
Naphthalene
Concen: 2.016 ng
RT: 10.966 min Scan# 1187
Delta R.T. -0.009 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

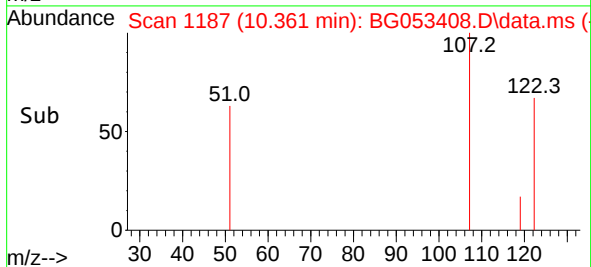
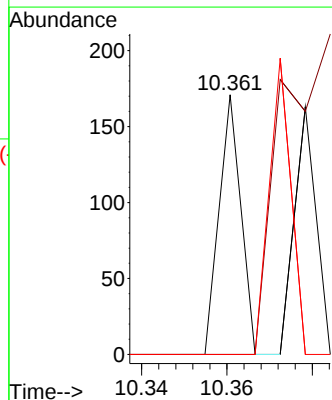
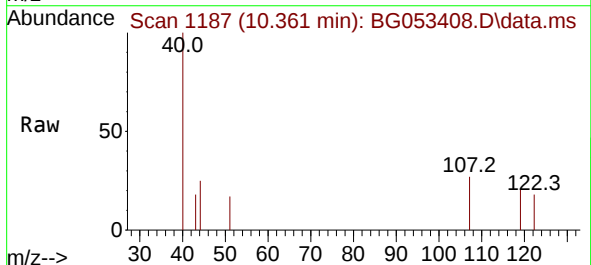
Instrument :
BNA_G
ClientSampleId :
SS04-1.5-2.5-FT

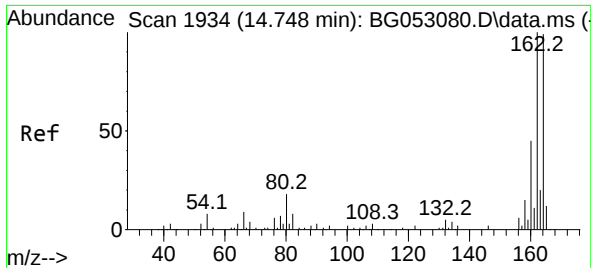
Tgt Ion:128 Resp: 10889
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 16.8 10.5 15.7#



#32
Benzoic acid
Concen: 3.688 ng
RT: 10.361 min Scan# 1187
Delta R.T. 0.127 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

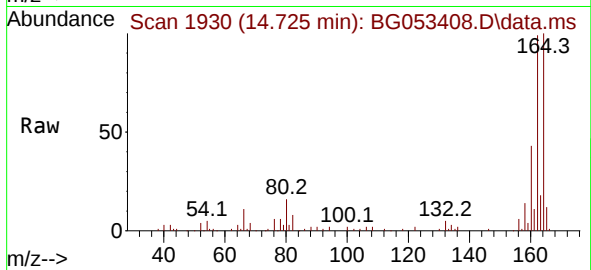
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 0.0 78.4 118.4#



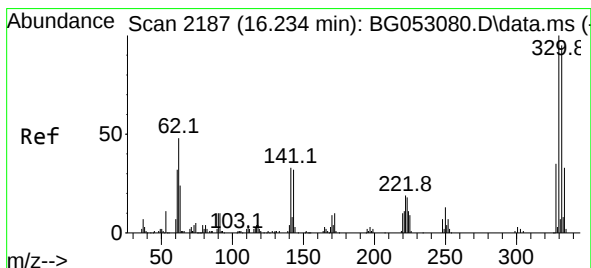
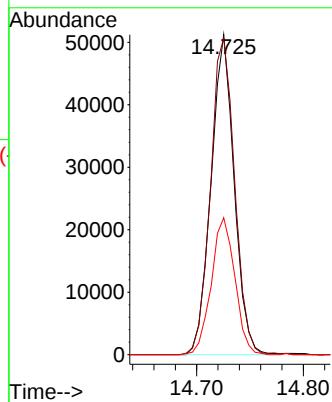
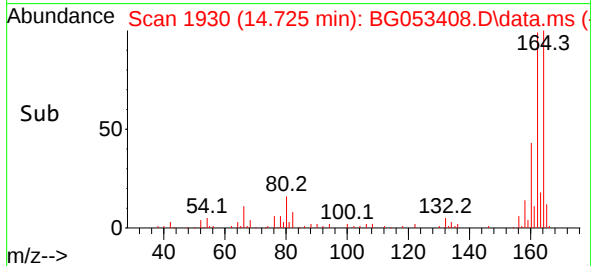


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.725 min Scan# 1930
 Delta R.T. -0.009 min
 Lab File: BG053408.D
 Acq: 2 May 2022 20:52

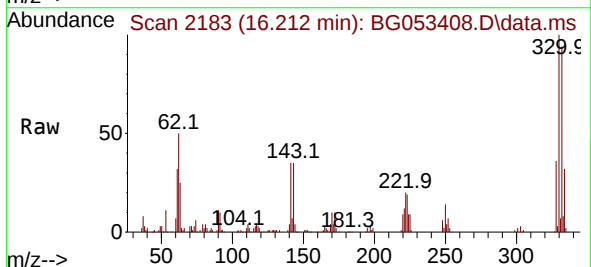
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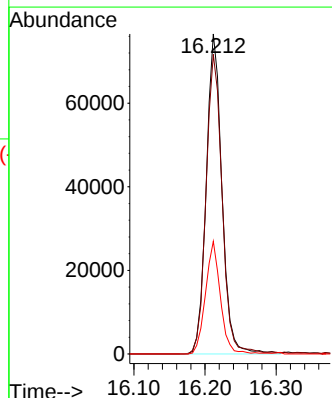
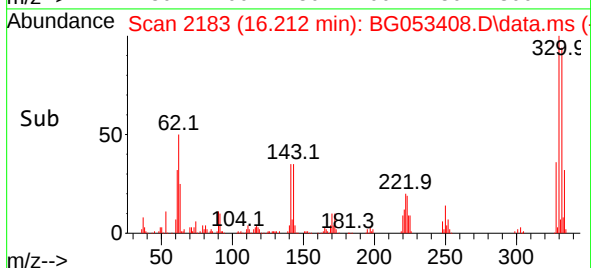
Tgt Ion:164 Resp: 77042
 Ion Ratio Lower Upper
 164 100
 162 98.9 80.0 120.0
 160 42.8 38.8 58.2

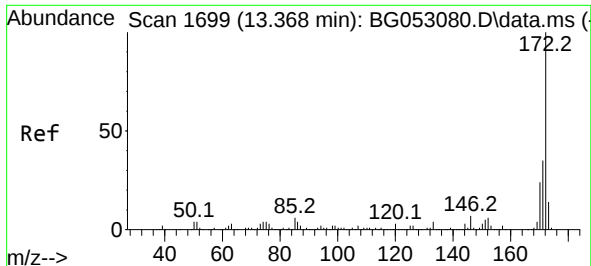


#42
 2,4,6-Tribromophenol
 Concen: 95.944 ng
 RT: 16.212 min Scan# 2183
 Delta R.T. -0.014 min
 Lab File: BG053408.D
 Acq: 2 May 2022 20:52



Tgt Ion:330 Resp: 117599
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.8 113.6
 141 33.6 24.6 36.8

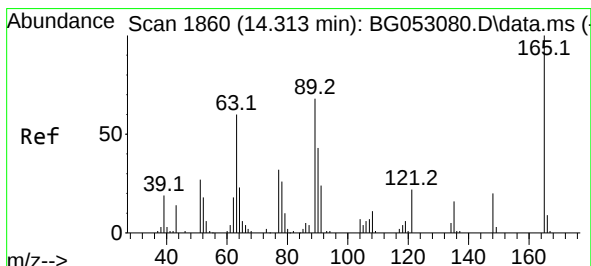
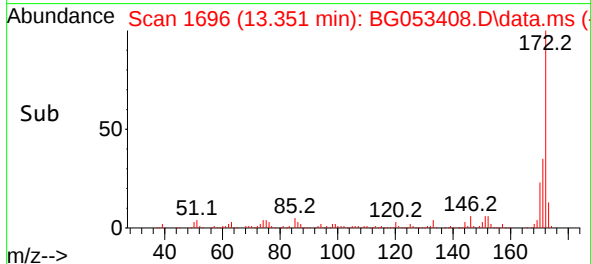
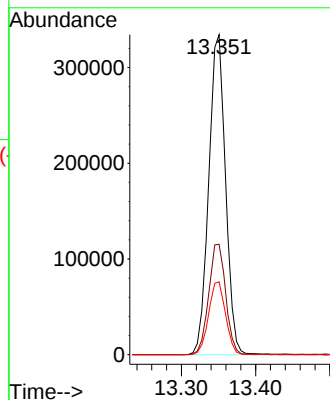
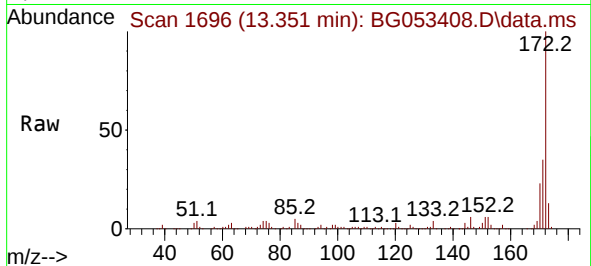




#45
2-Fluorobiphenyl
Concen: 94.208 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

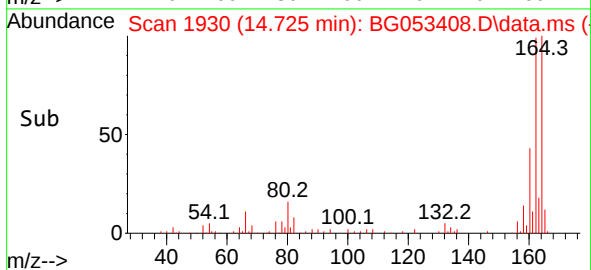
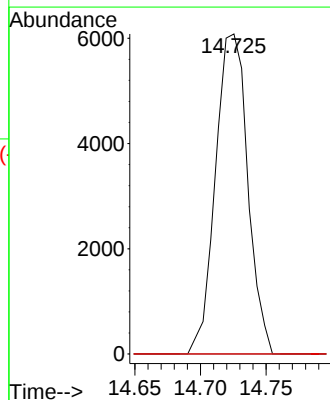
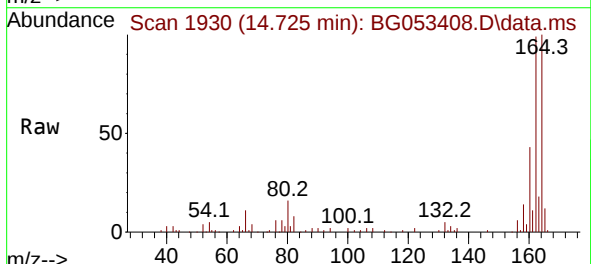
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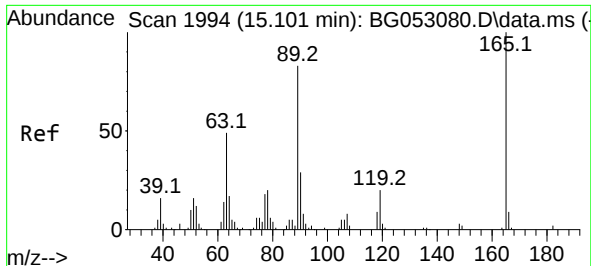
Tgt Ion:172 Resp: 526358
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 22.7 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.091 ng
RT: 14.725 min Scan# 1930
Delta R.T. 0.420 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

Tgt Ion:165 Resp: 10401
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

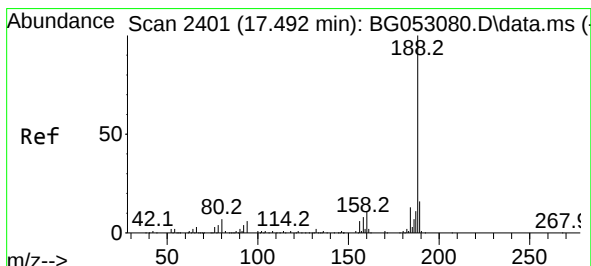
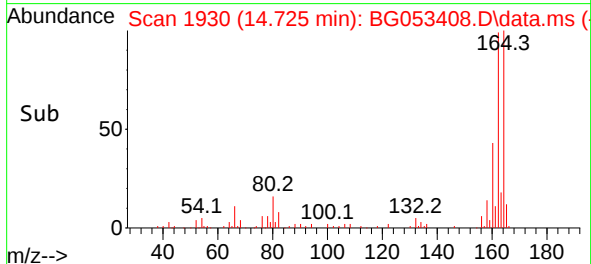
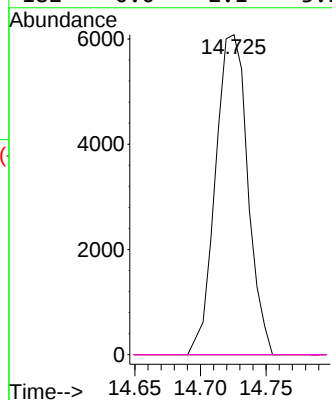
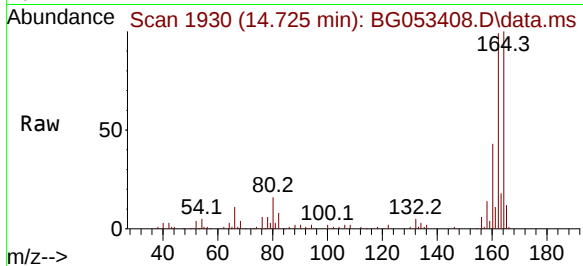




#57
2,4-Dinitrotoluene
Concen: 5.683 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.367 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

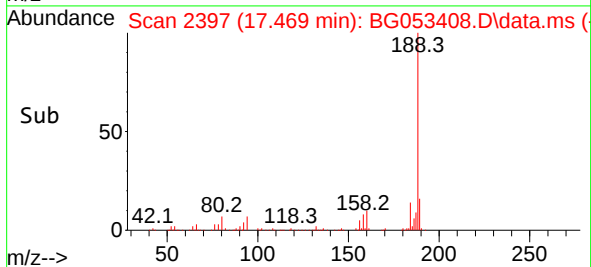
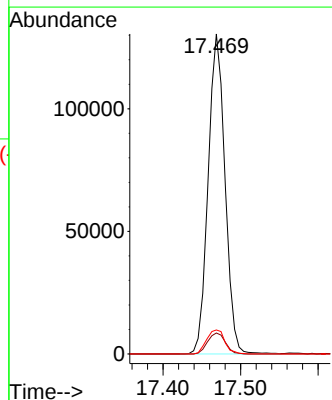
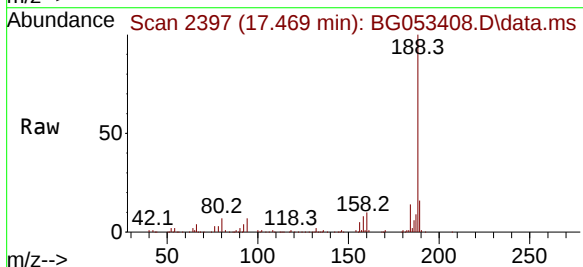
Instrument :
BNA_G
ClientSampleId :
SS04-1.5-2.5-FT

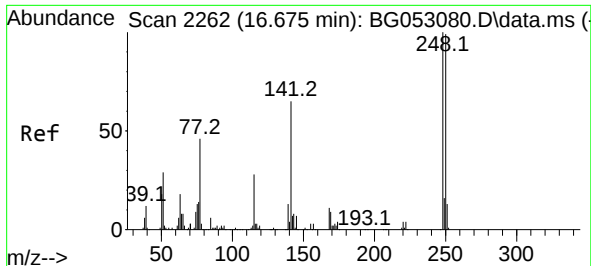
Tgt Ion:165 Resp: 10401
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2397
Delta R.T. -0.014 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

Tgt Ion:188 Resp: 196964
Ion Ratio Lower Upper
188 100
94 6.6 5.7 8.5
80 7.5 7.2 10.8

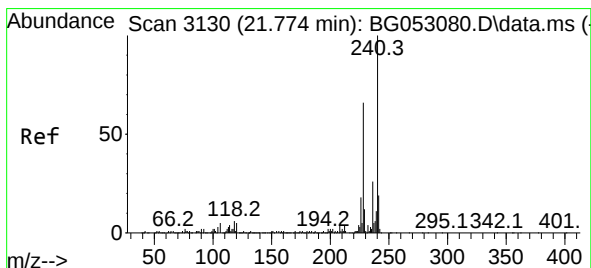
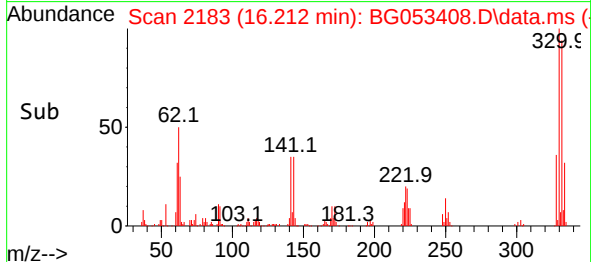
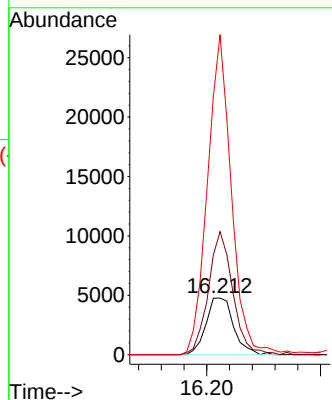
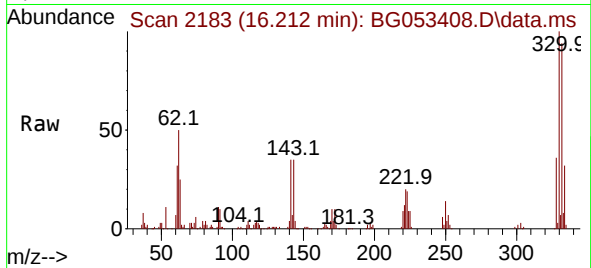




#67
4-Bromophenyl-phenylether
Concen: 3.175 ng
RT: 16.212 min Scan# 2118
Delta R.T. -0.449 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

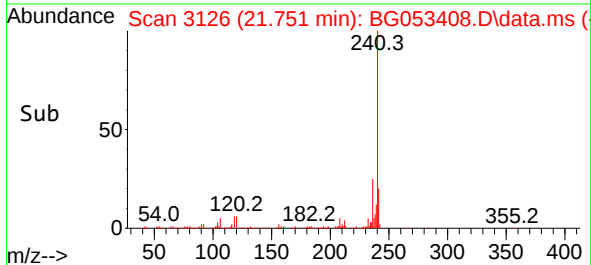
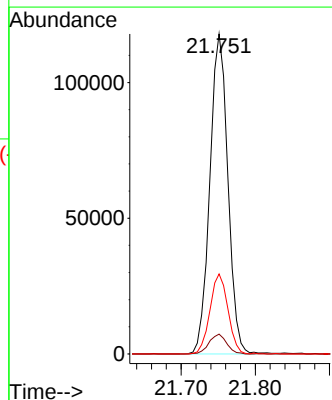
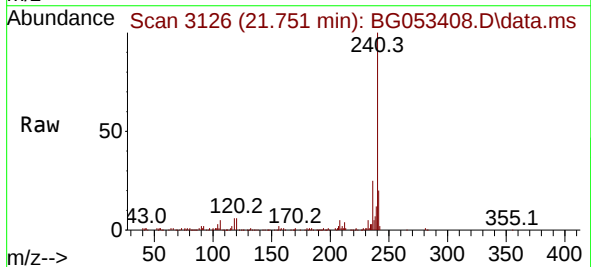
Instrument :
BNA_G
ClientSampleId :
SS04-1.5-2.5-FT

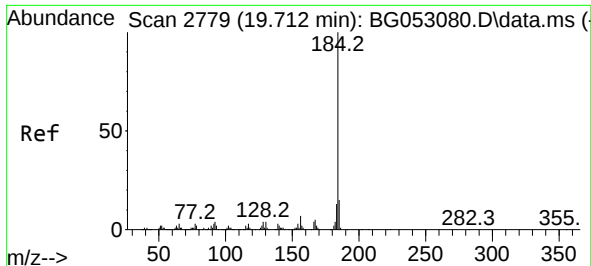
Tgt Ion:248 Resp: 8014
Ion Ratio Lower Upper
248 100
250 217.2 77.9 116.9#
141 564.8 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3126
Delta R.T. -0.014 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

Tgt Ion:240 Resp: 199051
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 25.0 19.8 29.6

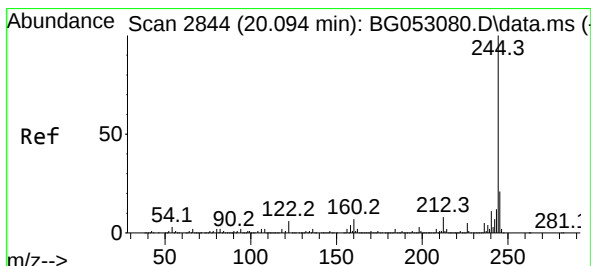
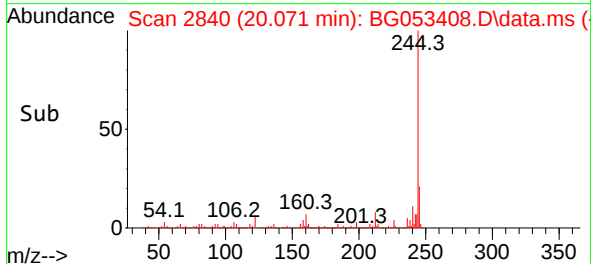
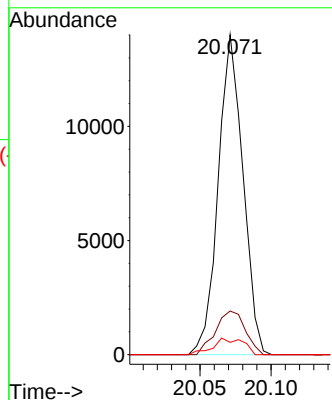
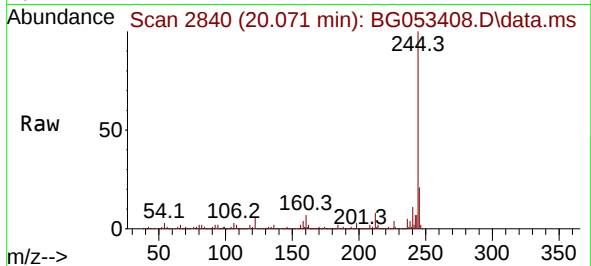




#77
Benzidine
Concen: 2.985 ng
RT: 20.071 min Scan# 2840
Delta R.T. 0.367 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

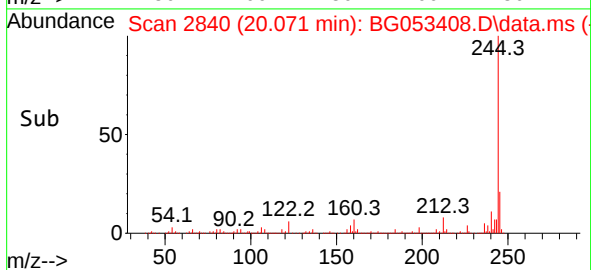
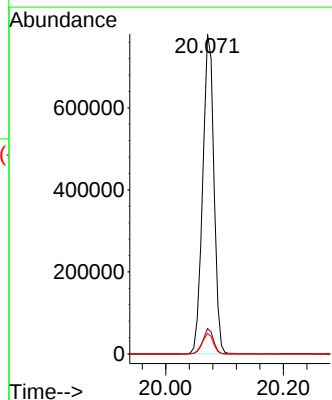
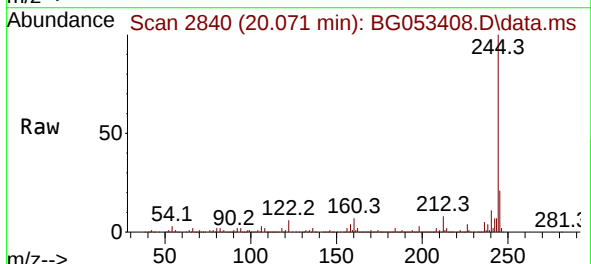
Instrument :
BNA_G
ClientSampleId :
SS04-1.5-2.5-FT

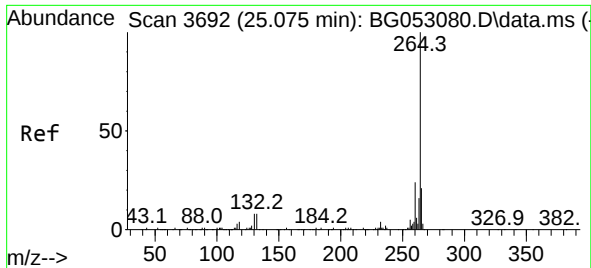
Tgt Ion:184 Resp: 16953
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 3.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 87.798 ng
RT: 20.071 min Scan# 2840
Delta R.T. -0.014 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

Tgt Ion:244 Resp: 1034774
Ion Ratio Lower Upper
244 100
212 8.0 5.4 8.2
122 6.4 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.041 min Scan# 30
Delta R.T. -0.020 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

Instrument :
BNA_G
ClientSampleId :
SS04-1.5-2.5-FT

Tgt Ion:264 Resp: 203240

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	22.2	15.1	22.7

