

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057558.D
 Acq On : 25 May 2023 14:59
 Operator : CG/JU
 Sample : 02920-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 280608

Quant Time: May 25 16:16:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 10:58:38 2023
 Response via : Initial Calibration

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

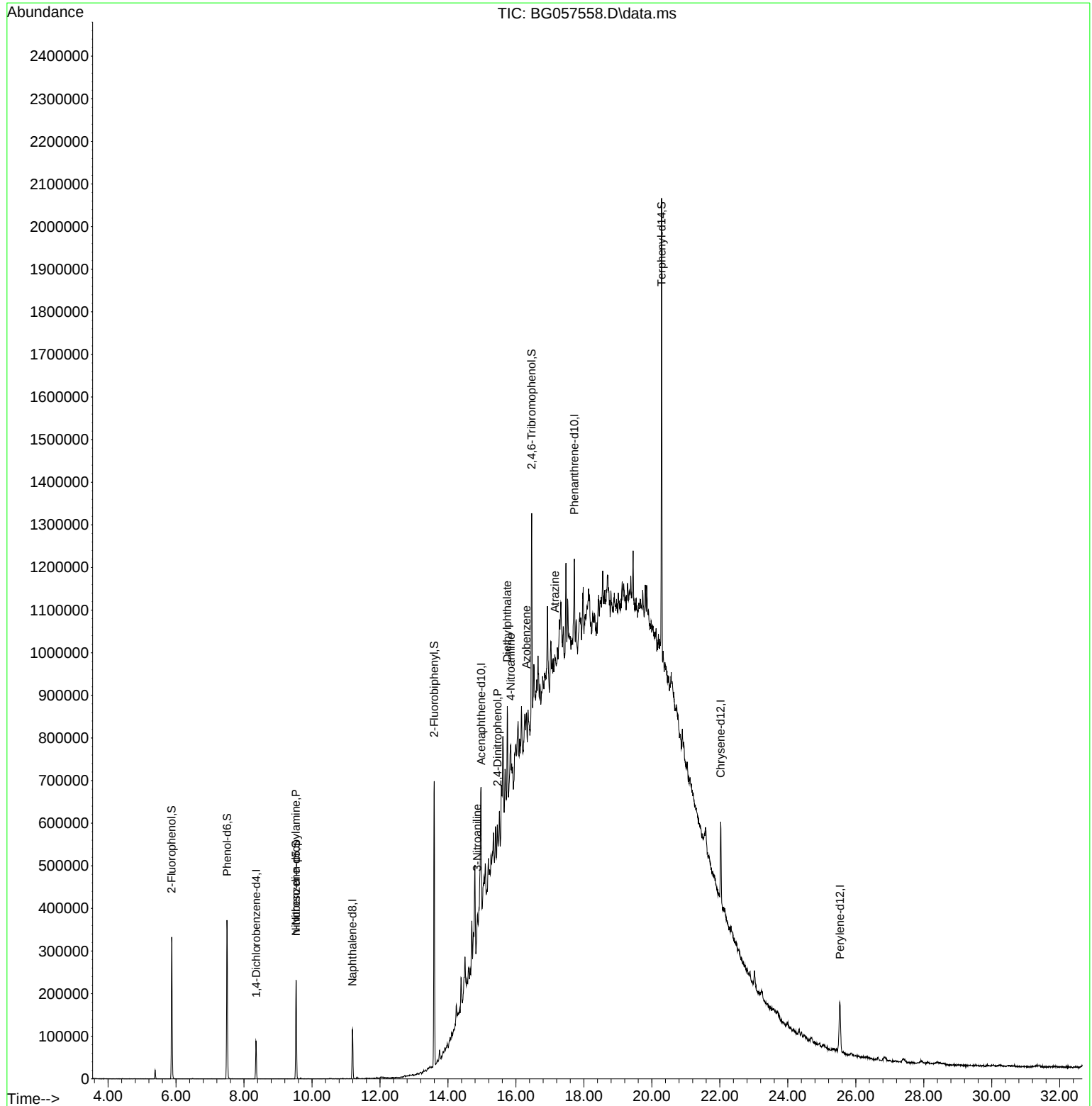
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.357	152	25782	20.000	ng	0.00
21) Naphthalene-d8	11.188	136	102236	20.000	ng	-0.02
39) Acenaphthene-d10	14.977	164	67468	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	130347	20.000	ng	# 0.00
76) Chrysene-d12	22.026	240	123447	20.000	ng	0.00
86) Perylene-d12	25.533	264	140858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.872	112	152185	100.973	ng	0.00
7) Phenol-d6	7.499	99	228976	100.046	ng	0.00
23) Nitrobenzene-d5	9.531	82	153165	62.879	ng	-0.02
42) 2,4,6-Tribromophenol	16.463	330	99631	104.075	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	374139	74.686	ng	0.00
79) Terphenyl-d14	20.287	244	549703	72.669	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.499	77	300	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	9.531	70	20706	11.865	ng	# 84
53) 3-Nitroaniline	14.865	138	3324	2.931	ng	# 9
54) 2,4-Dinitrophenol	15.459	184	249	5.250	ng	# 1
60) Diethylphthalate	15.747	149	11497	2.042	ng	# 50
62) 4-Nitroaniline	15.846	138	6732	5.884	ng	95
63) Azobenzene	16.310	77	22536	4.148	ng	# 24
69) Atrazine	17.151	200	3011	2.230	ng	# 7

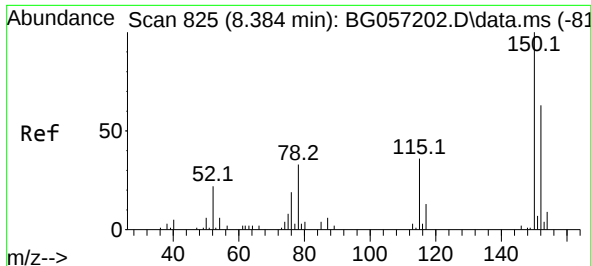
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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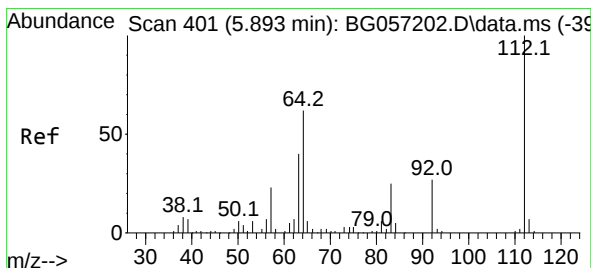
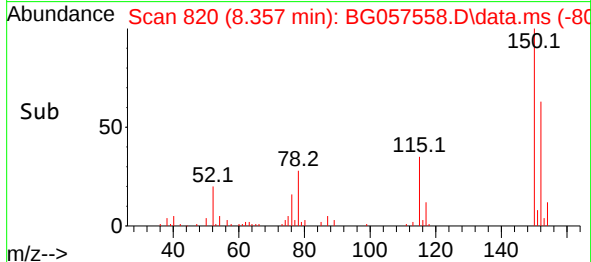
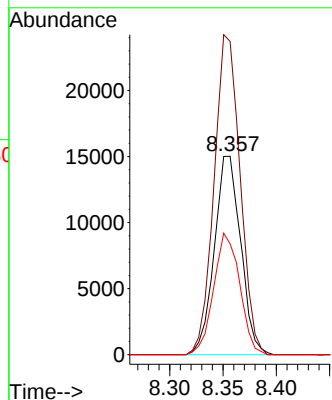
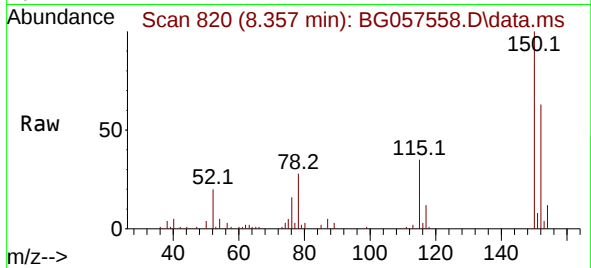




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.357 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

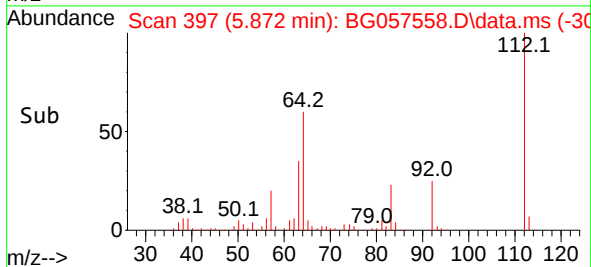
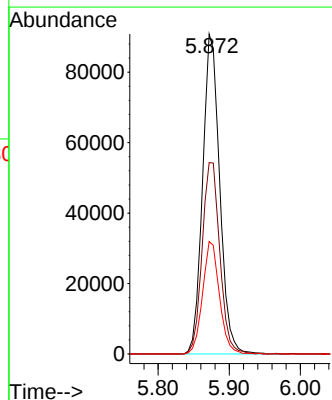
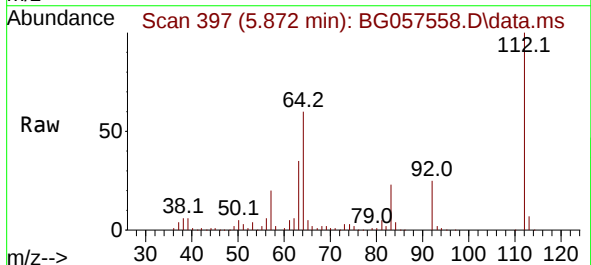
Instrument :
BNA_G
ClientSampleId :
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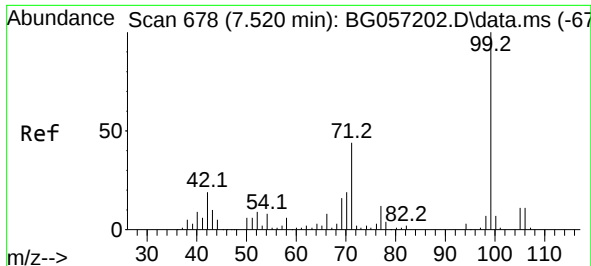
Tgt Ion:152 Resp: 25782
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.4
115 55.9 45.0 67.4



#5
2-Fluorophenol
Concen: 100.973 ng
RT: 5.872 min Scan# 397
Delta R.T. -0.003 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

Tgt Ion:112 Resp: 152185
Ion Ratio Lower Upper
112 100
64 59.8 49.4 74.2
63 35.2 31.6 47.4

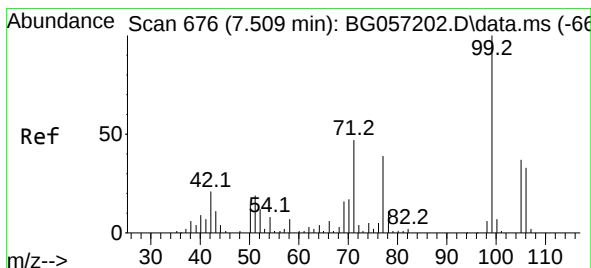
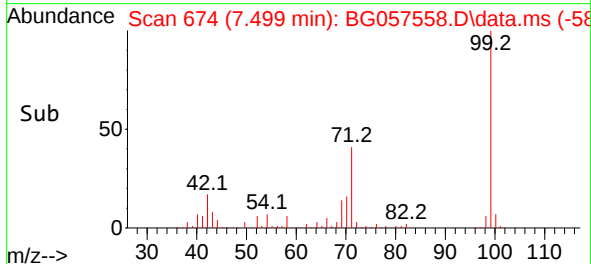
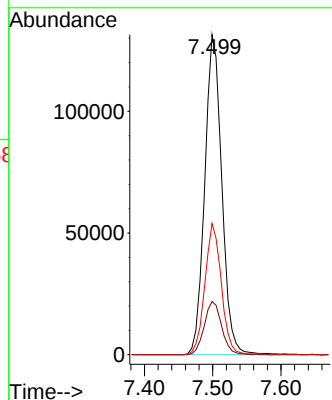
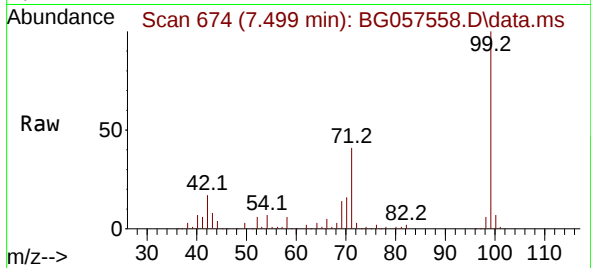




#7
Phenol-d6
Concen: 100.046 ng
RT: 7.499 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

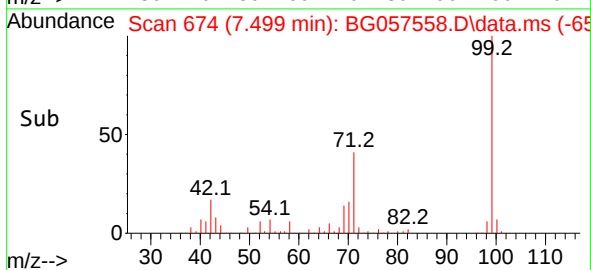
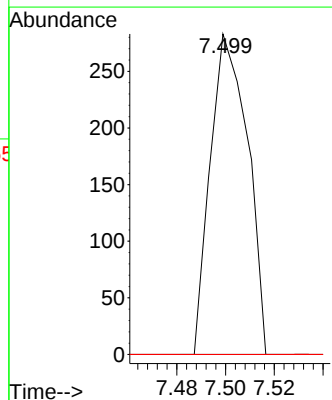
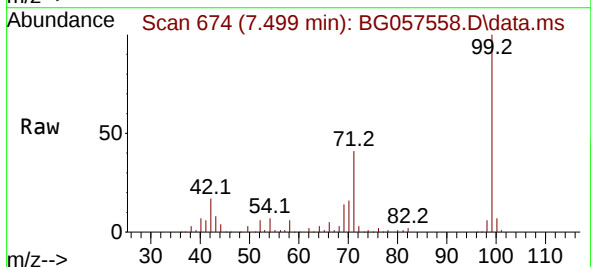
Instrument :
BNA_G
ClientSampleId :
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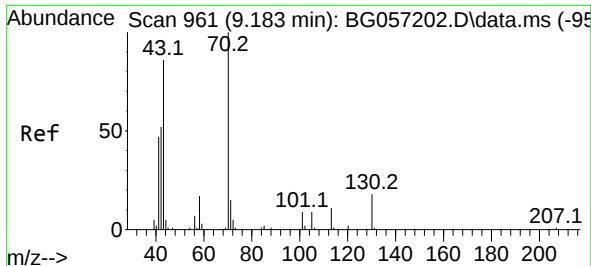
Tgt Ion: 99 Resp: 228976
Ion Ratio Lower Upper
99 100
42 16.6 15.1 22.7
71 41.0 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.499 min Scan# 674
Delta R.T. 0.008 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

Tgt Ion: 77 Resp: 300
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

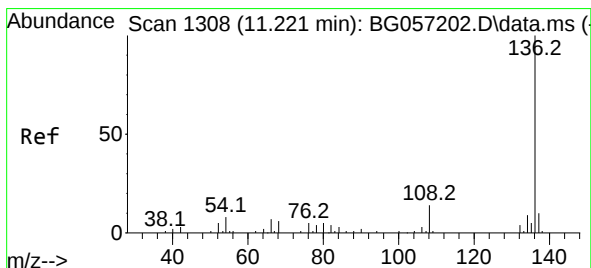
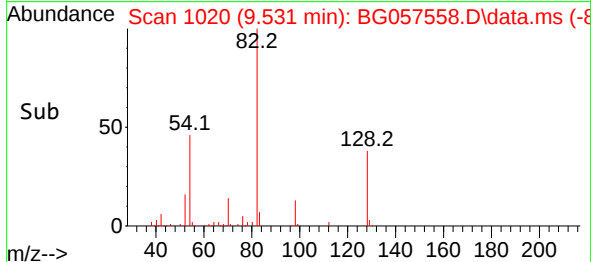
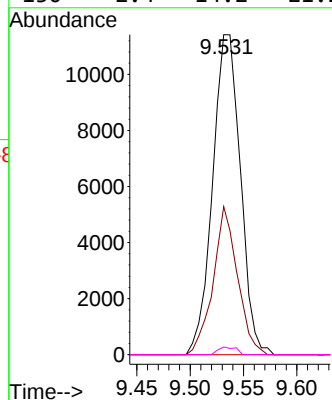
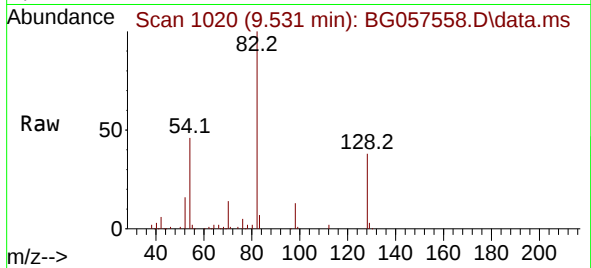




#19
n-Nitroso-di-n-propylamine
Concen: 11.865 ng
RT: 9.531 min Scan# 1020
Delta R.T. 0.367 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

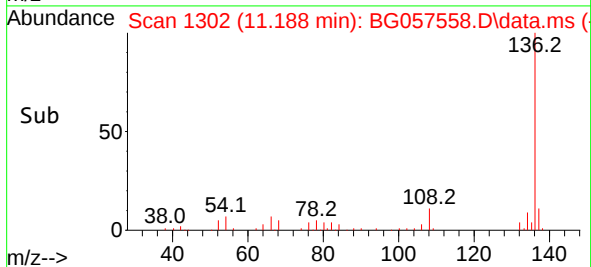
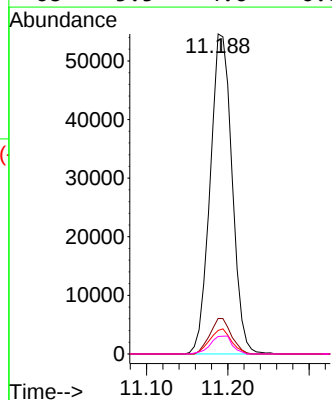
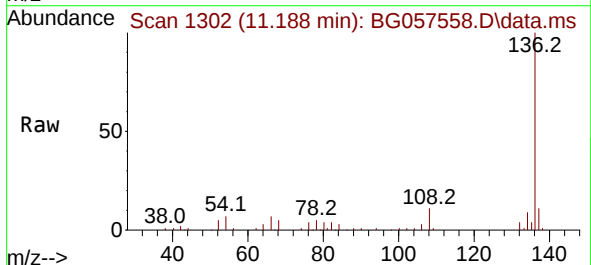
Instrument :
BNA_G
ClientSampleId :
280608

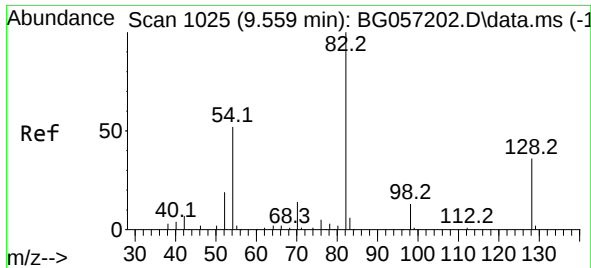
Tgt Ion:	70	Resp:	20706
Ion	Ratio	Lower	Upper
70	100		
42	46.3	41.8	62.8
101	0.0	6.8	10.2#
130	2.4	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.188 min Scan# 1302
Delta R.T. -0.015 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

Tgt Ion:	136	Resp:	102236
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.3	12.5
54	7.3	6.7	10.1
68	5.5	4.6	6.8

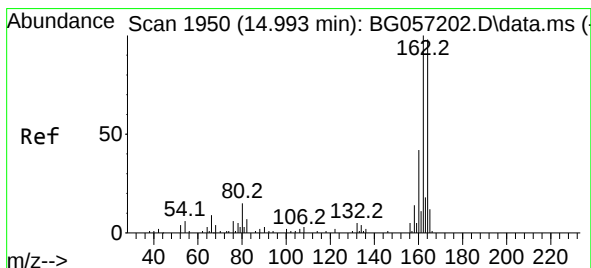
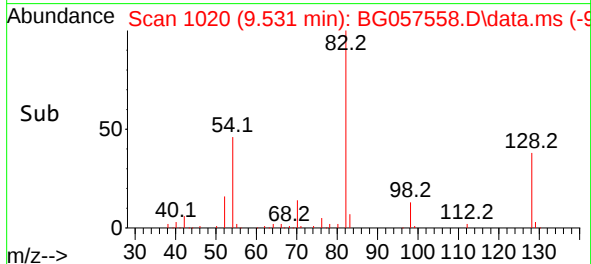
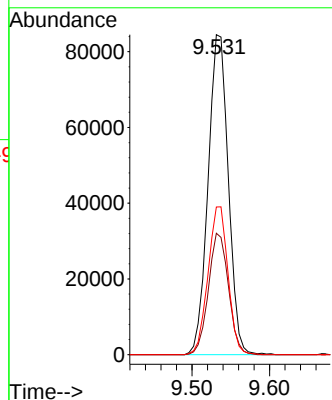
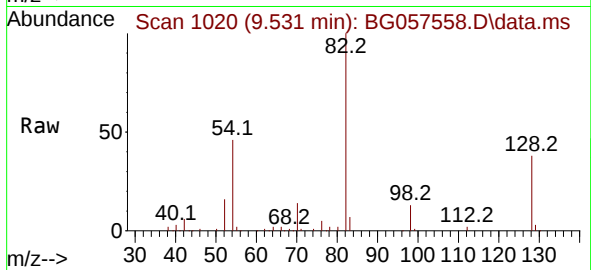




#23
Nitrobenzene-d5
Concen: 62.879 ng
RT: 9.531 min Scan# 1020
Delta R.T. -0.015 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

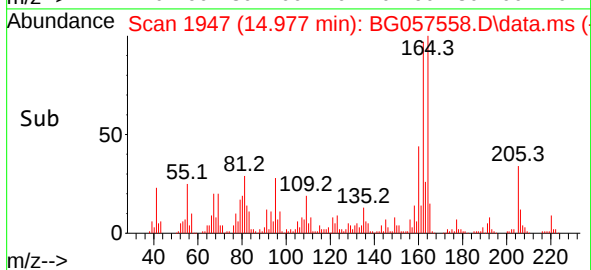
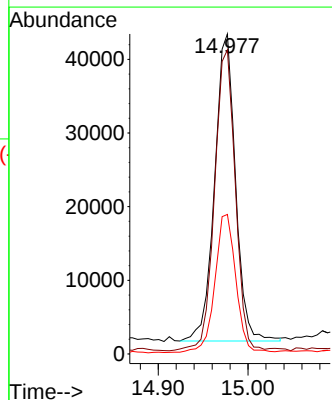
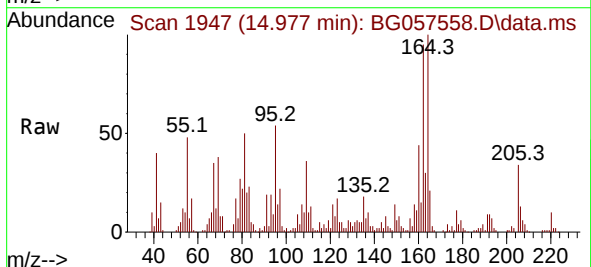
Instrument :
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ClientSampleId :
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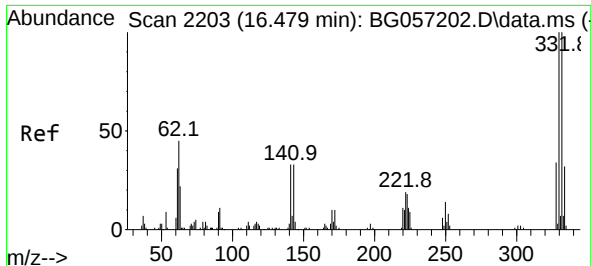
Tgt Ion: 82 Resp: 153165
Ion Ratio Lower Upper
82 100
128 37.9 29.0 43.4
54 46.2 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.977 min Scan# 1947
Delta R.T. -0.003 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

Tgt Ion:164 Resp: 67468
Ion Ratio Lower Upper
164 100
162 95.1 81.8 122.6
160 43.6 34.6 52.0

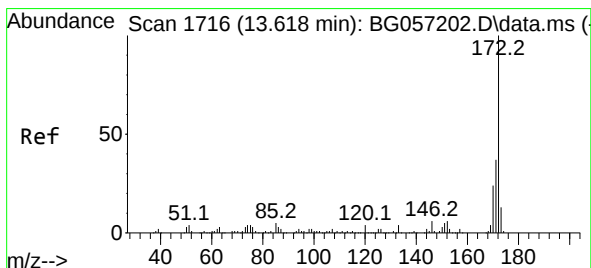
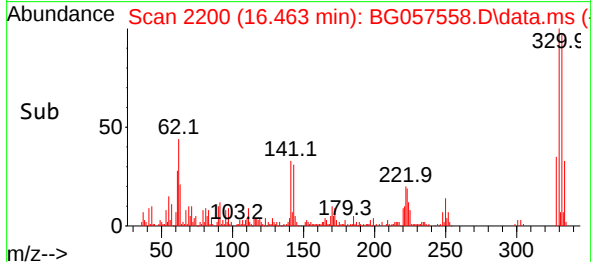
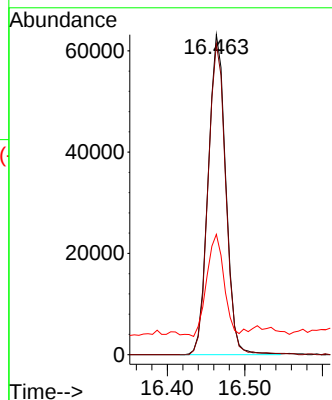
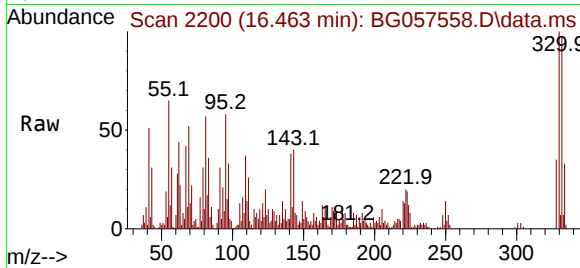




#42
2,4,6-Tribromophenol
Concen: 104.075 ng
RT: 16.463 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

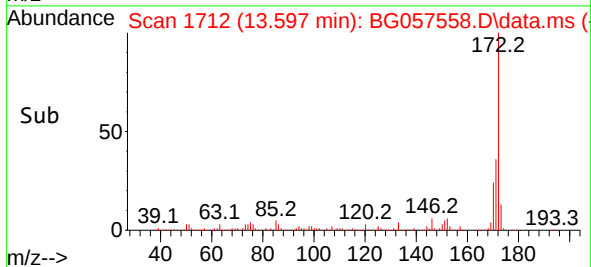
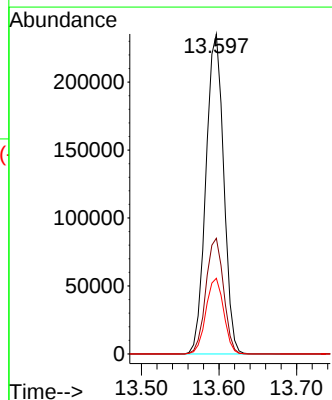
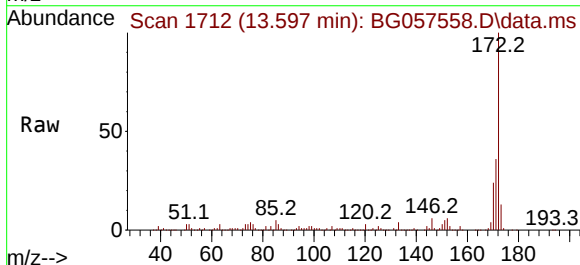
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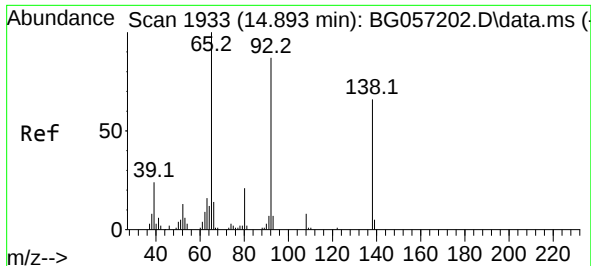
Tgt Ion:330 Resp: 99631
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.2
141 29.7 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 74.686 ng
RT: 13.597 min Scan# 1712
Delta R.T. -0.009 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

Tgt Ion:172 Resp: 374139
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.7 19.0 28.6

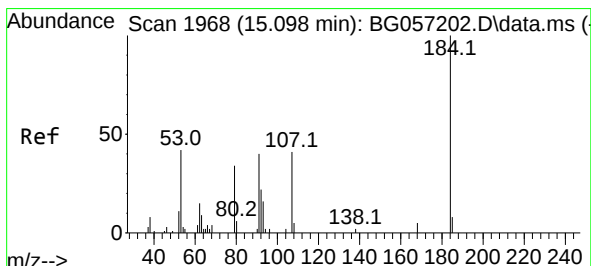
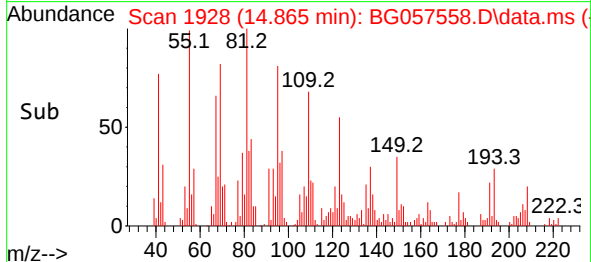
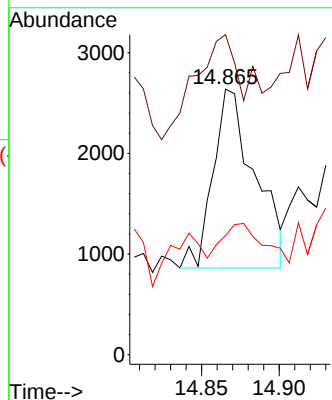
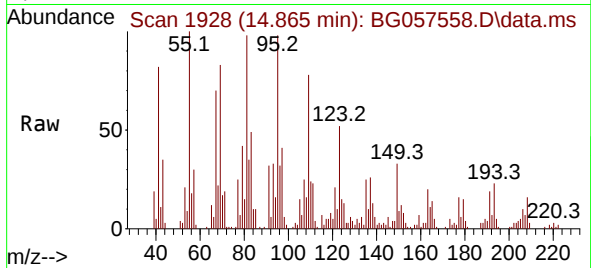




#53
3-Nitroaniline
Concen: 2.931 ng
RT: 14.865 min Scan# 1933
Delta R.T. -0.021 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

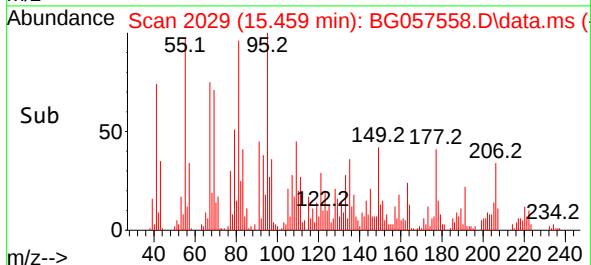
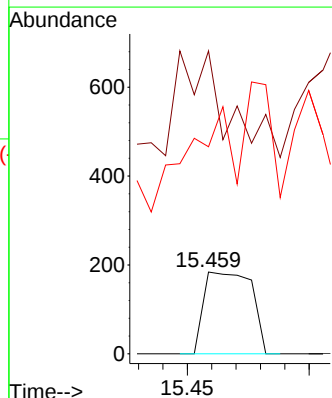
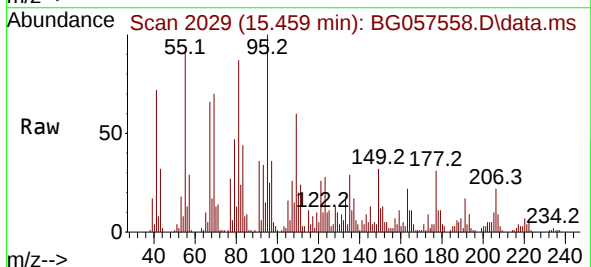
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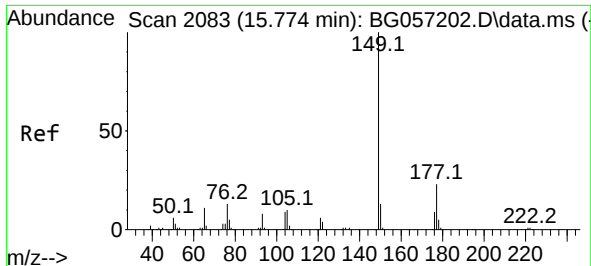
Tgt Ion:138 Resp: 3324
Ion Ratio Lower Upper
138 100
108 120.5 9.5 14.3#
92 44.8 106.2 159.4#



#54
2,4-Dinitrophenol
Concen: 5.250 ng
RT: 15.459 min Scan# 2029
Delta R.T. 0.355 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

Tgt Ion:184 Resp: 249
Ion Ratio Lower Upper
184 100
63 370.7 48.2 72.4#
154 253.3 55.4 83.2#

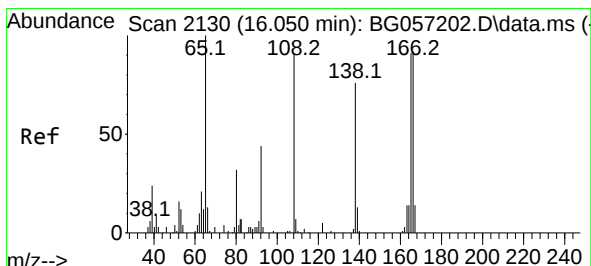
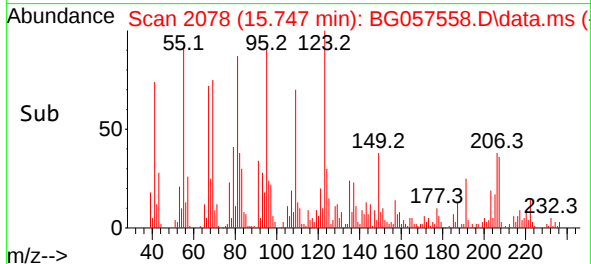
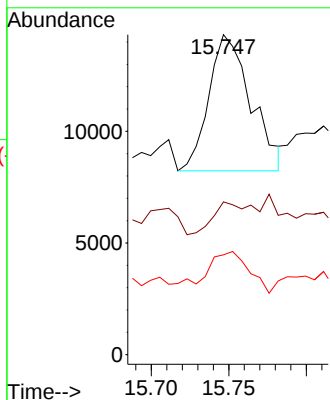
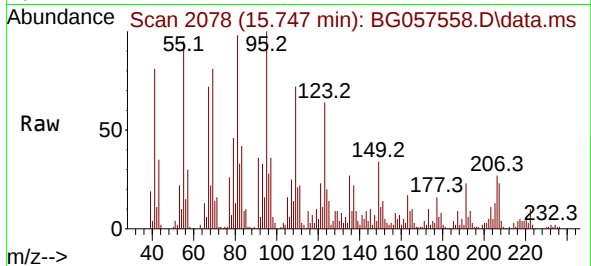




#60
Diethylphthalate
Concen: 2.042 ng
RT: 15.747 min Scan# 2083
Delta R.T. -0.015 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

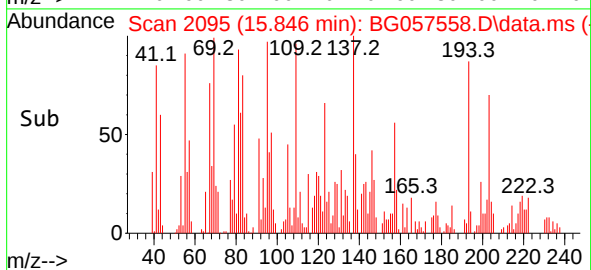
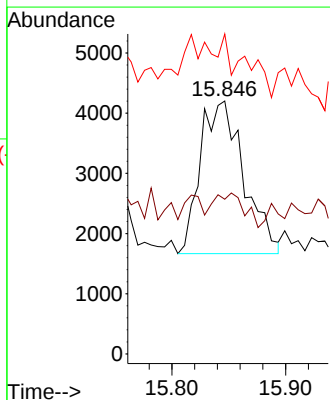
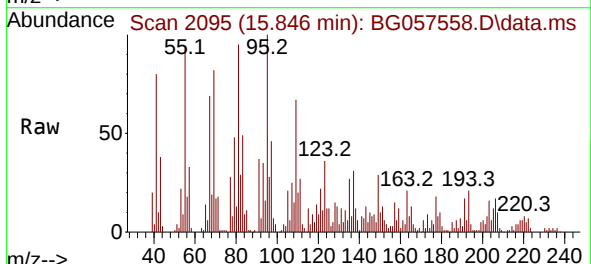
Instrument :
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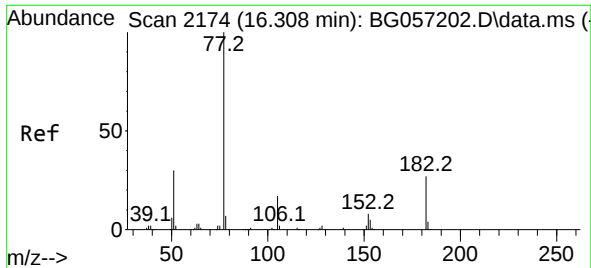
Tgt Ion:149 Resp: 11497
Ion Ratio Lower Upper
149 100
177 47.8 18.3 27.5#
150 31.2 10.1 15.1#



#62
4-Nitroaniline
Concen: 5.884 ng
RT: 15.846 min Scan# 2095
Delta R.T. -0.197 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

Tgt Ion:138 Resp: 6732
Ion Ratio Lower Upper
138 100
92 61.1 38.2 78.2
108 126.5 99.6 139.6

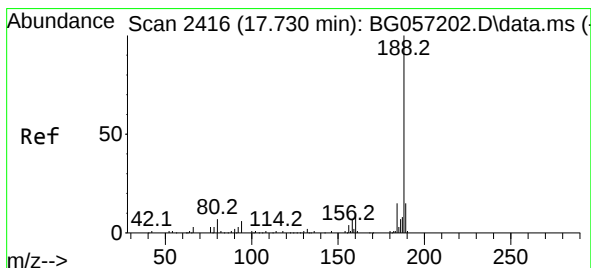
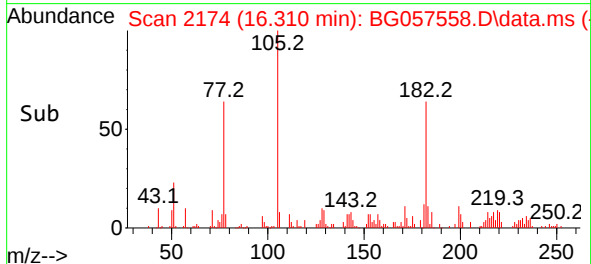
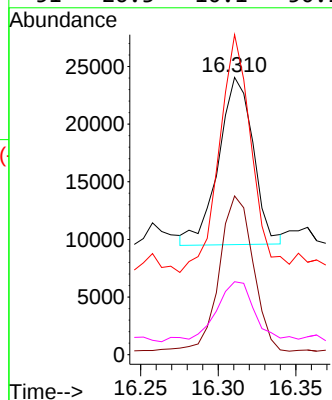
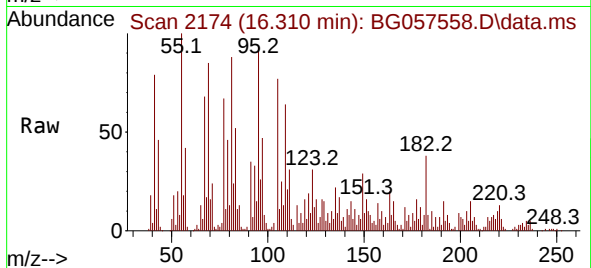




#63
Azobenzene
Concen: 4.148 ng
RT: 16.310 min Scan# 2174
Delta R.T. 0.020 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

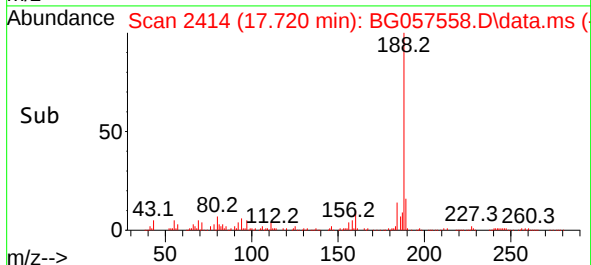
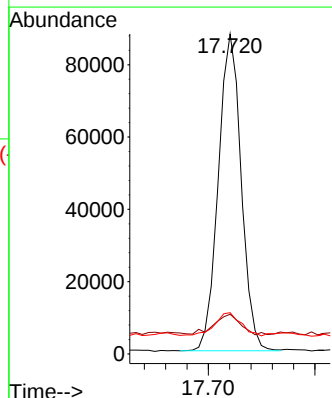
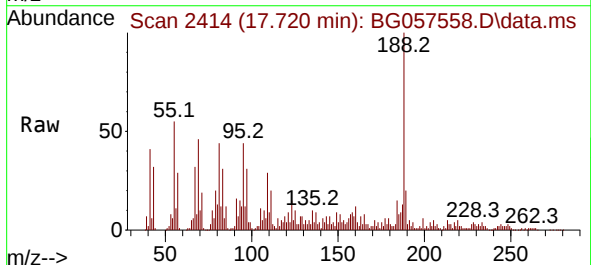
Instrument :
BNA_G
ClientSampleId :
280608

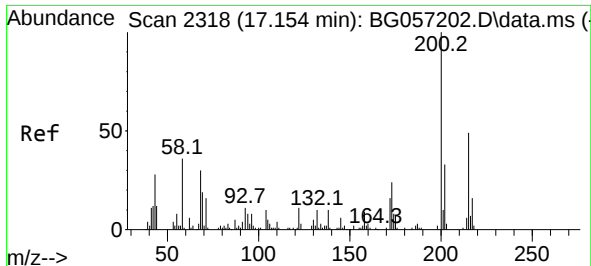
Tgt Ion: 77	Resp: 22536
Ion Ratio	Lower Upper
77	100
182	57.2 7.4 47.4#
105	115.4 0.0 37.2#
51	26.3 10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.720 min Scan# 2414
Delta R.T. -0.003 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

Tgt Ion: 188	Resp: 130347
Ion Ratio	Lower Upper
188	100
94	12.4 5.1 7.7#
80	12.9 5.7 8.5#

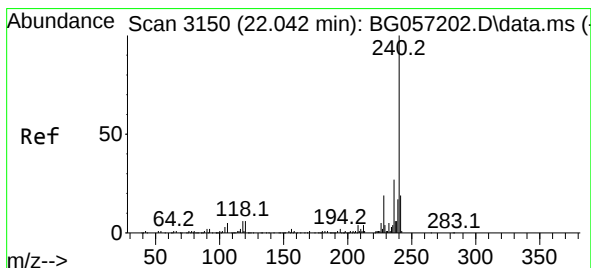
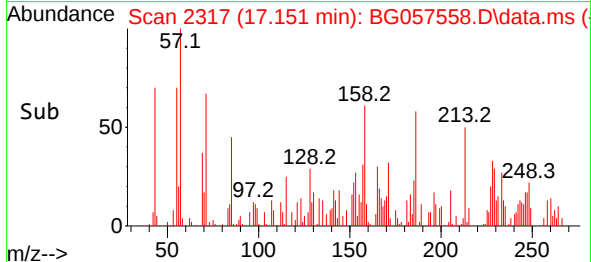
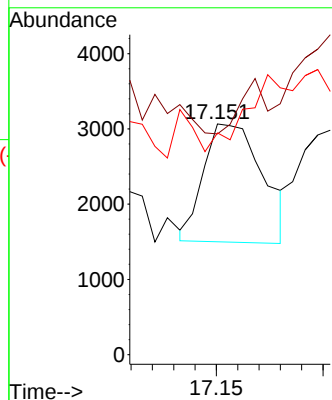
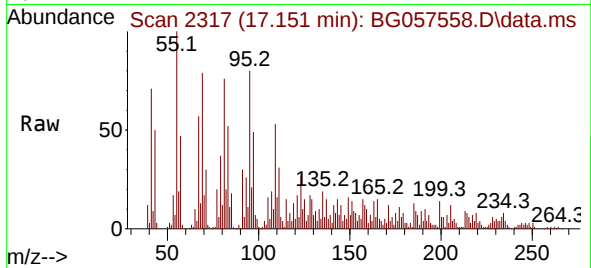




#69
Atrazine
Concen: 2.230 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

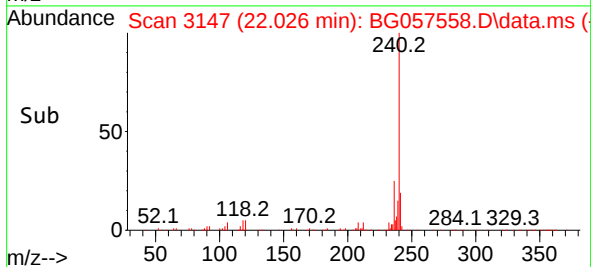
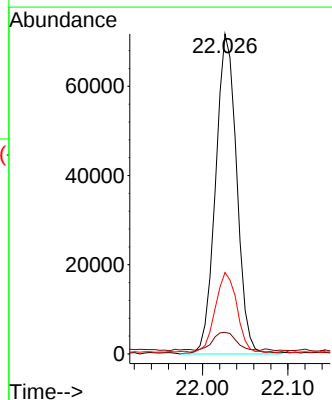
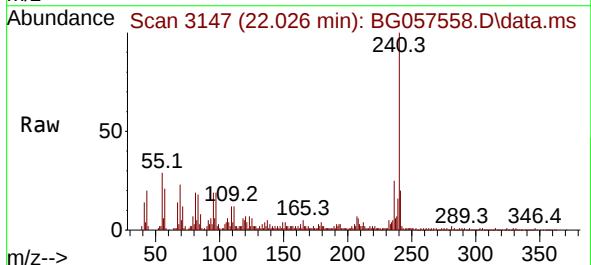
Instrument :
BNA_G
ClientSampleId :
280608

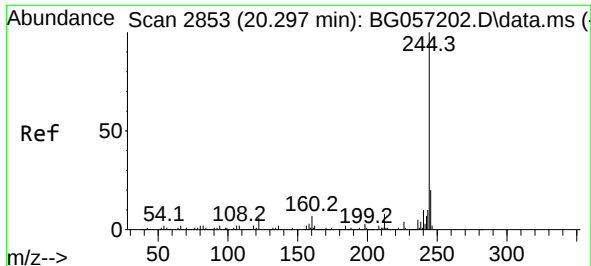
Tgt Ion:200 Resp: 3011
Ion Ratio Lower Upper
200 100
173 95.7 4.3 44.3#
215 96.1 29.3 69.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.026 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BG057558.D
Acq: 25 May 2023 14:59

Tgt Ion:240 Resp: 123447
Ion Ratio Lower Upper
240 100
120 6.7 4.9 7.3
236 25.4 21.4 32.2

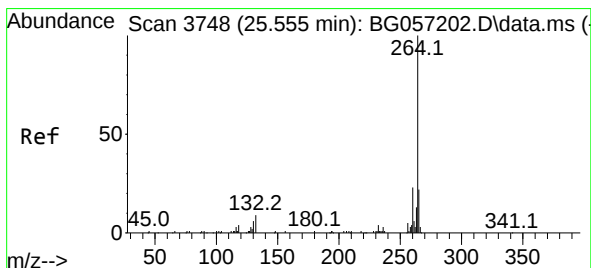
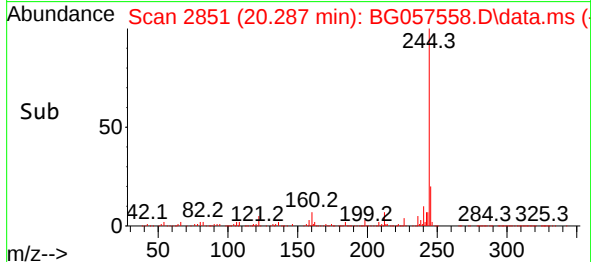
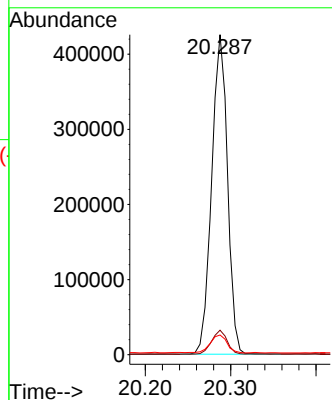
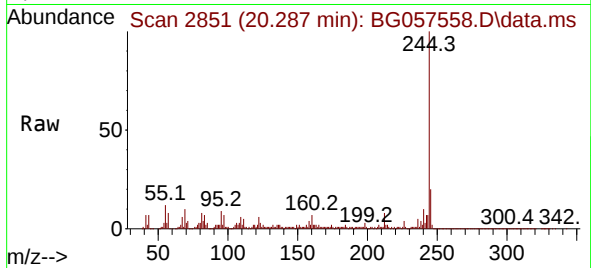




#79
 Terphenyl-d14
 Concen: 72.669 ng
 RT: 20.287 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057558.D
 Acq: 25 May 2023 14:59

Instrument :
 BNA_G
 ClientSampleId :
 280608

Tgt Ion:244 Resp: 549703
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 6.2 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.533 min Scan# 3744
 Delta R.T. -0.009 min
 Lab File: BG057558.D
 Acq: 25 May 2023 14:59

Tgt Ion:264 Resp: 140858
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 20.5 17.9 26.9

