

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056398.D
 Acq On : 24 Jan 2023 11:20
 Operator : CG/JU
 Sample : PB150335BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150335BL

Quant Time: Jan 25 05:01:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

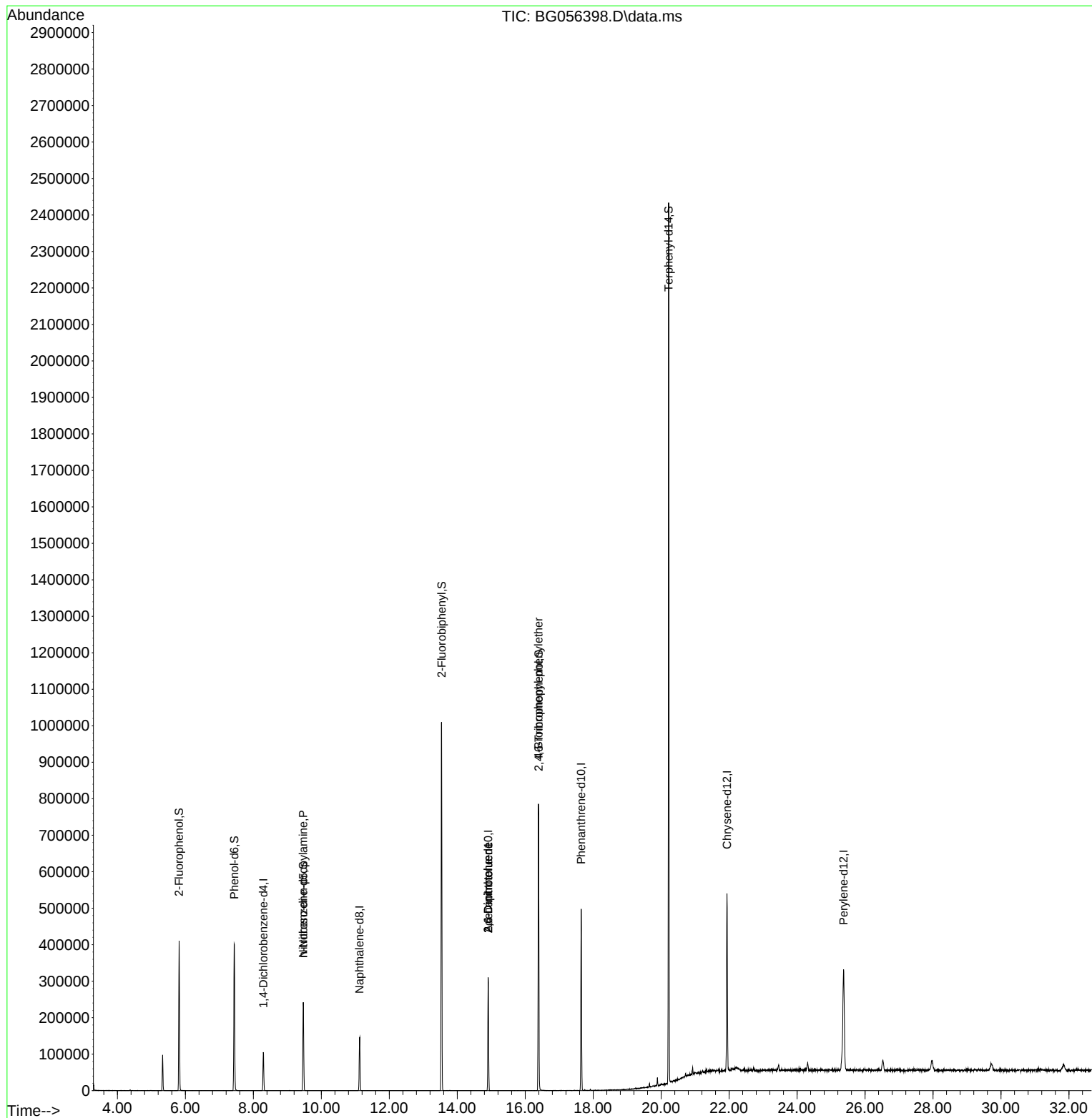
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	36104	20.000	ng	0.00
21) Naphthalene-d8	11.125	136	142736	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	121695	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	343435	20.000	ng	0.00
76) Chrysene-d12	21.936	240	326309	20.000	ng	# 0.00
86) Perylene-d12	25.367	264	346389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	232919	115.188	ng	0.00
7) Phenol-d6	7.435	99	322377	103.814	ng	0.00
23) Nitrobenzene-d5	9.468	82	171319	61.395	ng	0.00
42) 2,4,6-Tribromophenol	16.395	330	175995	114.190	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	602789	68.400	ng	0.00
79) Terphenyl-d14	20.220	244	1342410	73.682	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.468	70	20816	11.024	ng	# 69
51) 2,6-Dinitrotoluene	14.909	165	15777	7.537	ng	# 31
57) 2,4-Dinitrotoluene	14.909	165	15777	5.389	ng	# 28
67) 4-Bromophenyl-phenylether	16.389	248	13865	3.170	ng	# 1

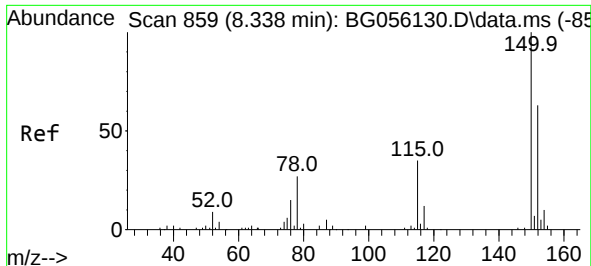
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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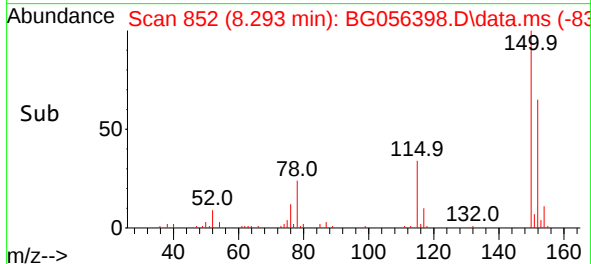
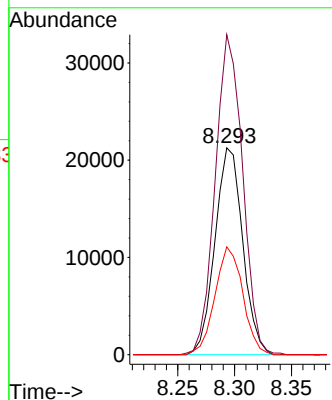
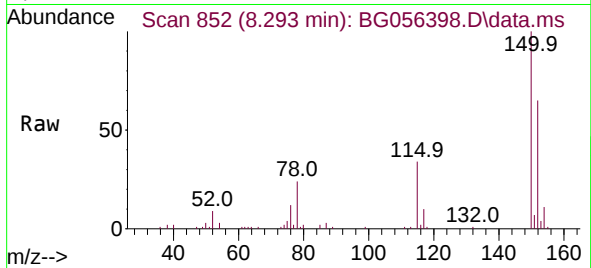




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.293 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

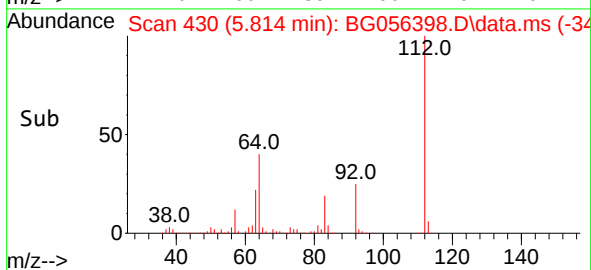
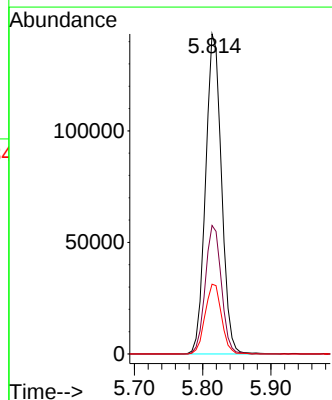
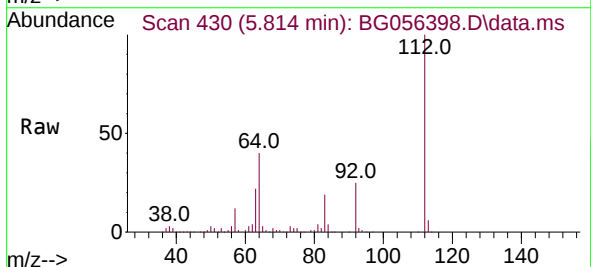
Instrument :
BNA_G
ClientSampleId :
PB150335BL

Tgt Ion:152 Resp: 36104
Ion Ratio Lower Upper
152 100
150 154.6 127.9 191.9
115 52.1 44.2 66.2



#5
2-Fluorophenol
Concen: 115.188 ng
RT: 5.814 min Scan# 430
Delta R.T. -0.000 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

Tgt Ion:112 Resp: 232919
Ion Ratio Lower Upper
112 100
64 40.1 33.3 49.9
63 21.8 19.0 28.4

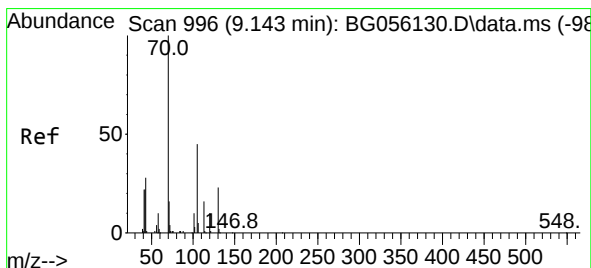
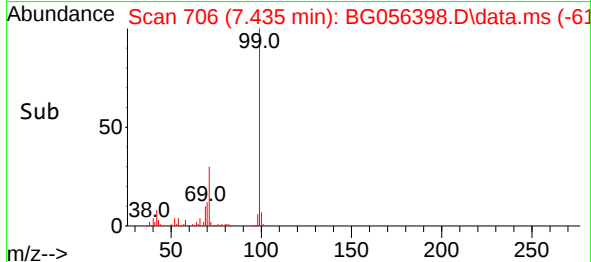
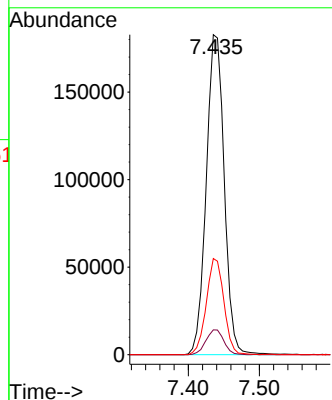
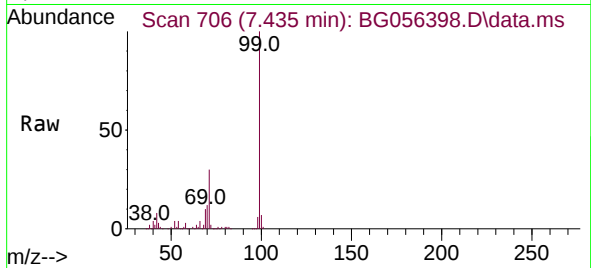




#7
Phenol-d6
Concen: 103.814 ng
RT: 7.435 min Scan# 70
Delta R.T. -0.000 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

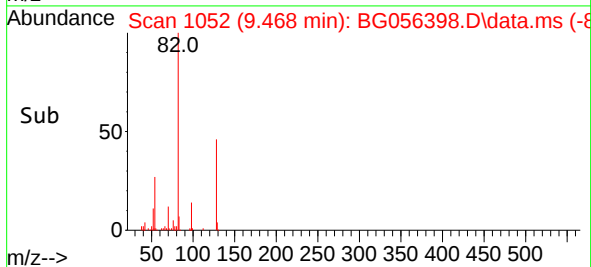
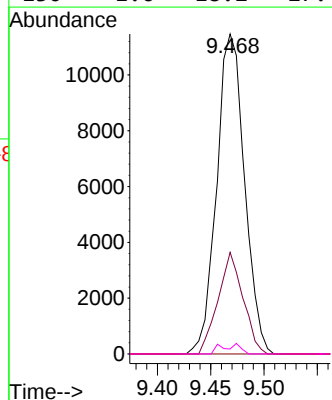
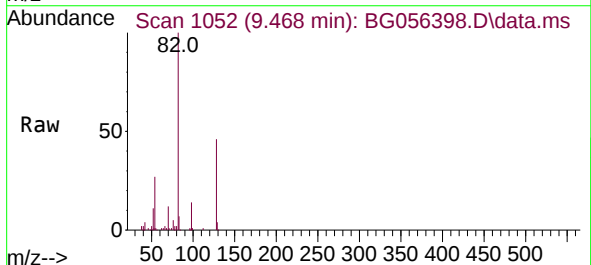
Instrument :
BNA_G
ClientSampleId :
PB150335BL

Tgt Ion: 99 Resp: 322377
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 30.1 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.024 ng
RT: 9.468 min Scan# 1052
Delta R.T. 0.370 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

Tgt Ion: 70 Resp: 20816
Ion Ratio Lower Upper
70 100
42 31.8 18.2 27.2#
101 0.0 8.3 12.5#
130 1.6 18.2 27.4#

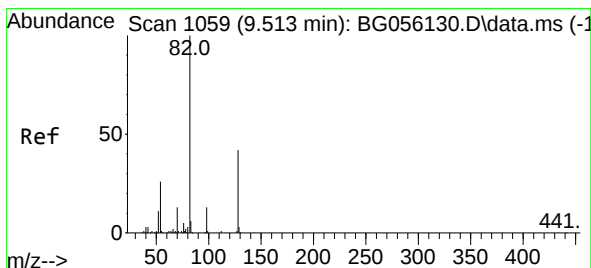
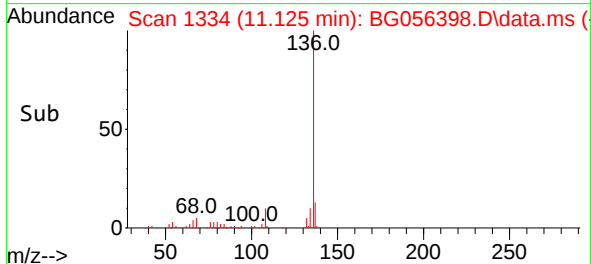
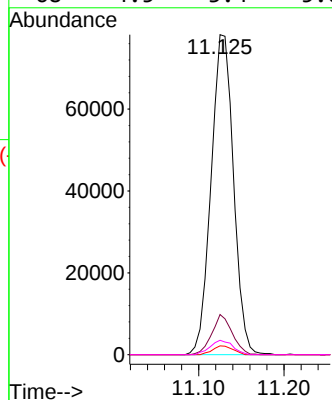
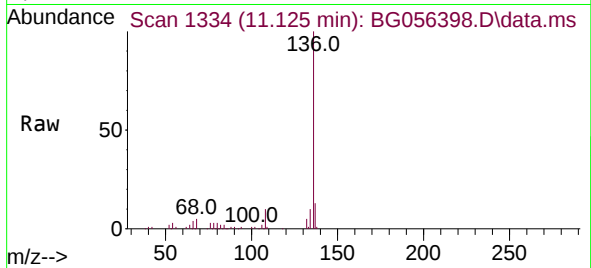




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.125 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

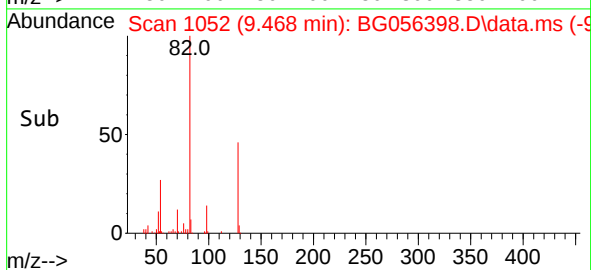
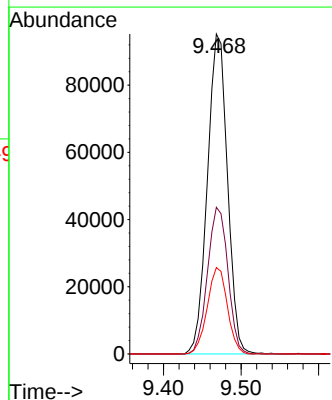
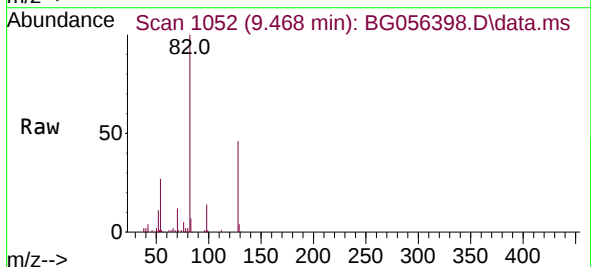
Instrument :
BNA_G
ClientSampleId :
PB150335BL

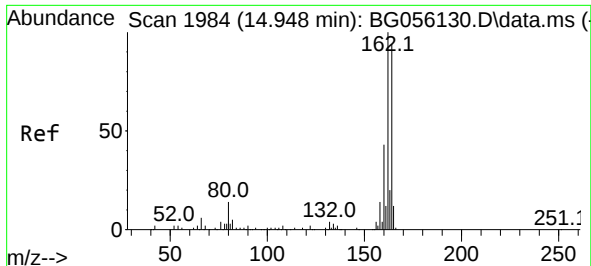
Tgt Ion:136 Resp: 142736
Ion Ratio Lower Upper
136 100
137 12.6 9.4 14.0
54 2.8 2.2 3.2
68 4.5 3.4 5.0



#23
Nitrobenzene-d5
Concen: 61.395 ng
RT: 9.468 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

Tgt Ion: 82 Resp: 171319
Ion Ratio Lower Upper
82 100
128 45.9 33.4 50.2
54 27.0 20.3 30.5

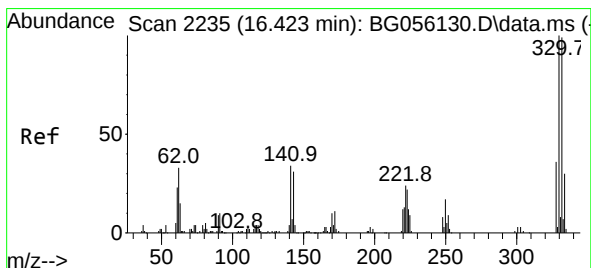
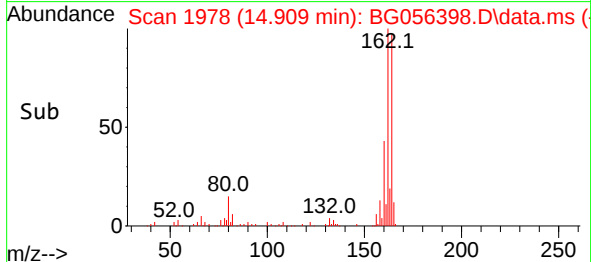
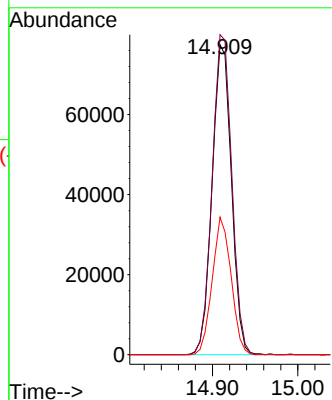
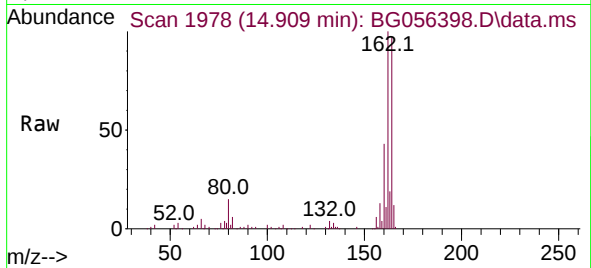




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.909 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

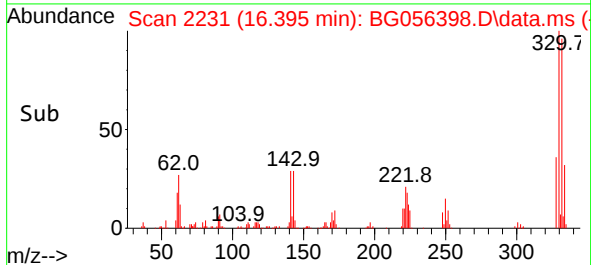
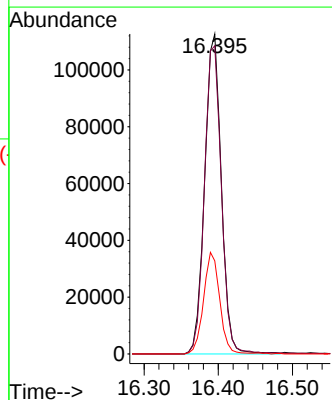
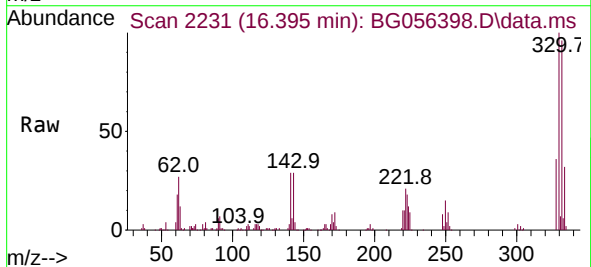
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ClientSampleId :
PB150335BL

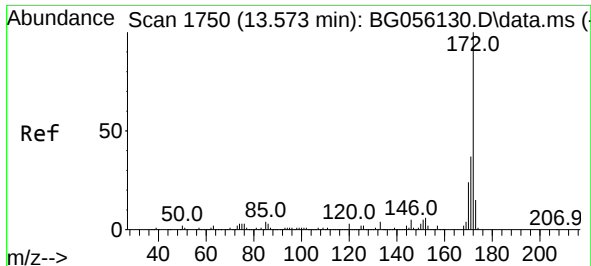
Tgt Ion:164 Resp: 121695
Ion Ratio Lower Upper
164 100
162 103.2 84.7 127.1
160 44.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 114.190 ng
RT: 16.395 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

Tgt Ion:330 Resp: 175995
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 31.0 27.9 41.9

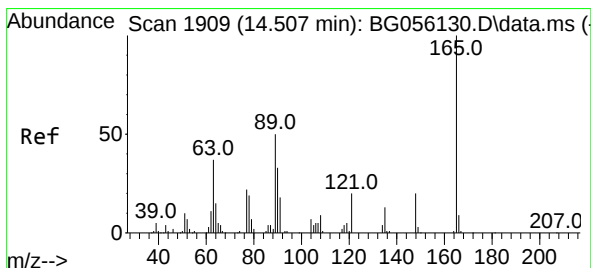
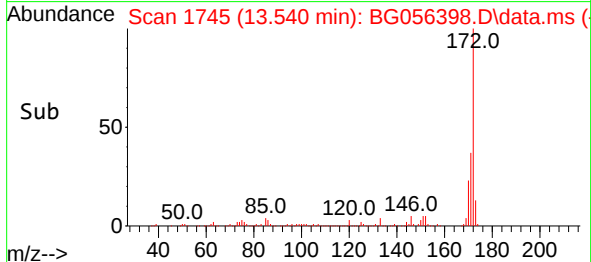
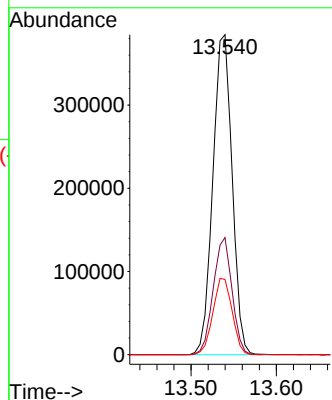
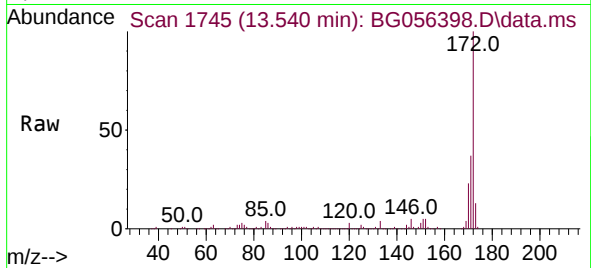




#45
2-Fluorobiphenyl
Concen: 68.400 ng
RT: 13.540 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

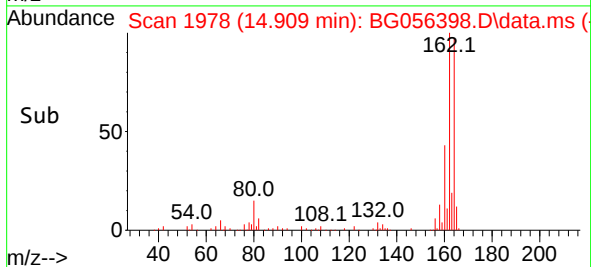
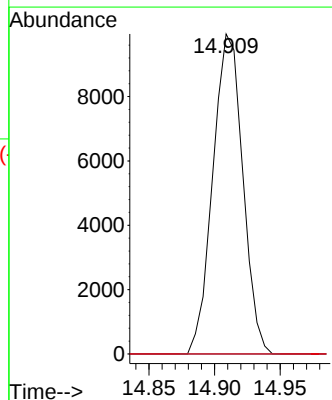
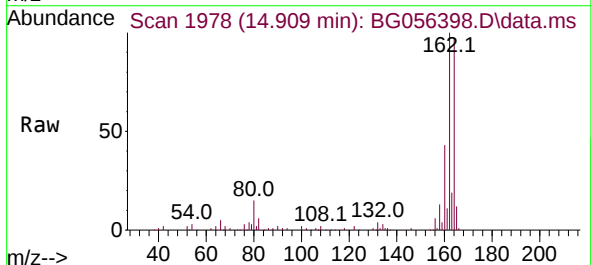
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ClientSampleId :
PB150335BL

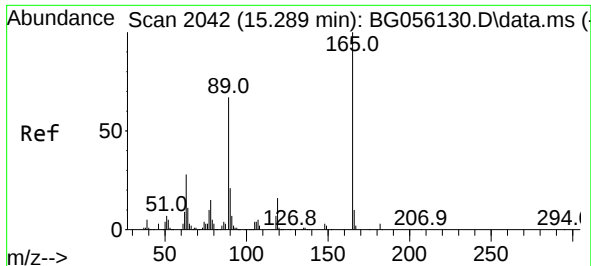
Tgt Ion:172 Resp: 602789
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 23.5 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.537 ng
RT: 14.909 min Scan# 1978
Delta R.T. 0.429 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

Tgt Ion:165 Resp: 15777
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

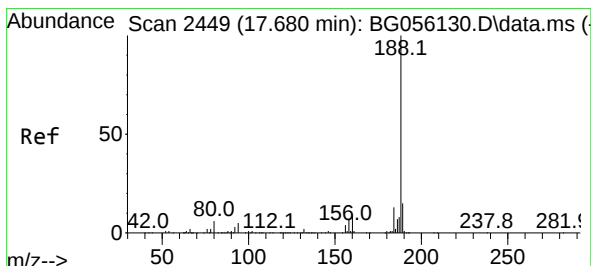
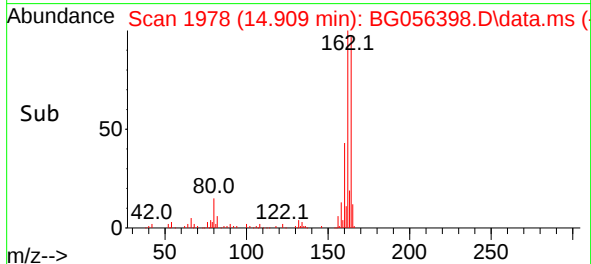
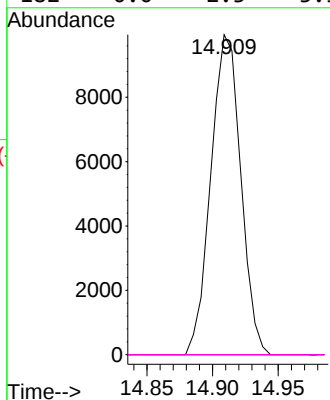
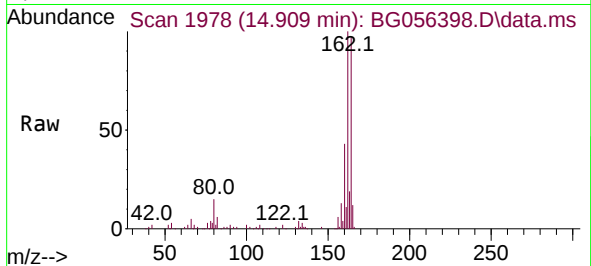




#57
2,4-Dinitrotoluene
Concen: 5.389 ng
RT: 14.909 min Scan# 1978
Delta R.T. -0.359 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

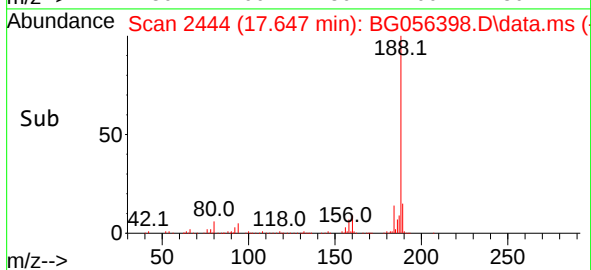
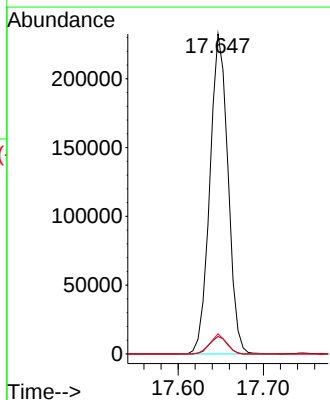
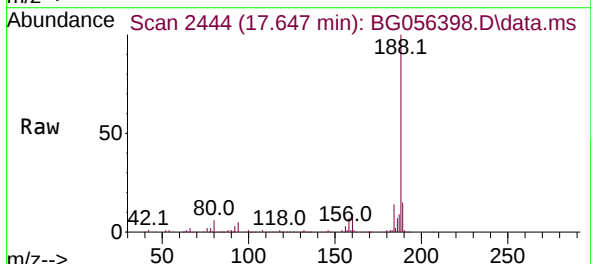
Instrument :
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ClientSampleId :
PB150335BL

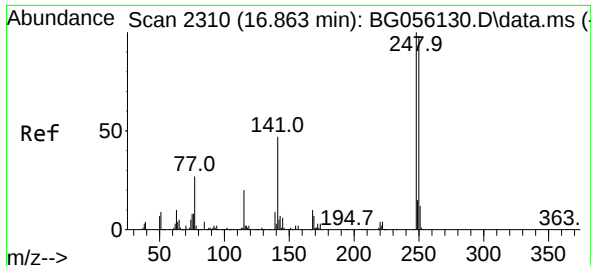
Tgt Ion:	165	Resp:	15777
Ion Ratio	Lower	Upper	
165	100		
63	0.0	22.6	34.0#
89	0.0	53.2	79.8#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

Tgt Ion:	188	Resp:	343435
Ion Ratio	Lower	Upper	
188	100		
94	5.4	4.2	6.2
80	6.3	5.0	7.4

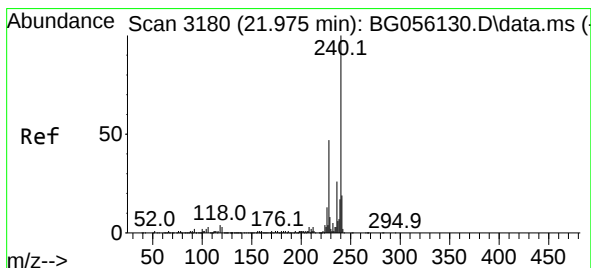
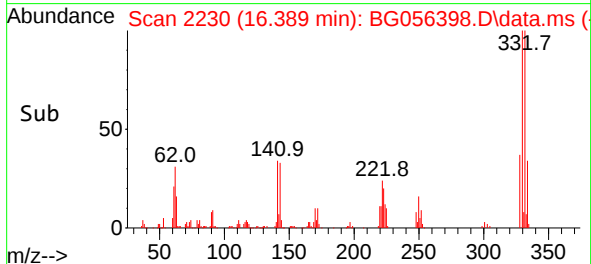
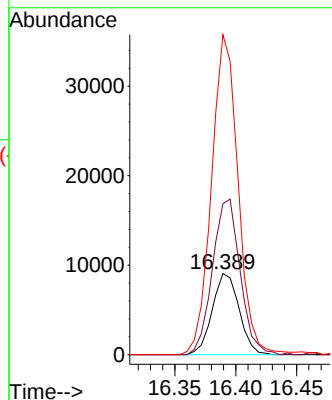
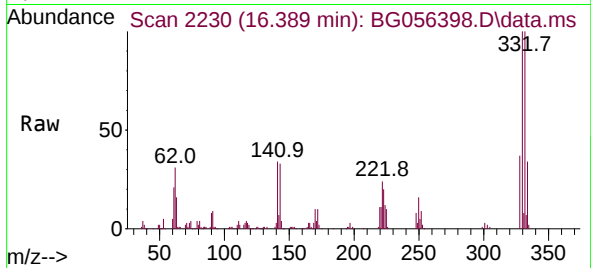




#67
4-Bromophenyl-phenylether
Concen: 3.170 ng
RT: 16.389 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

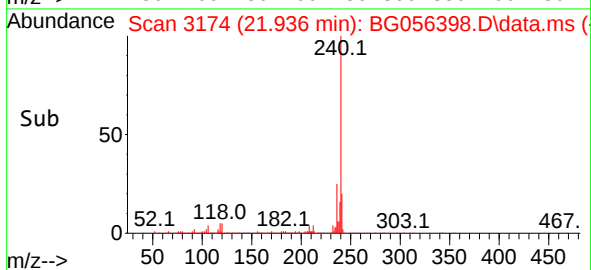
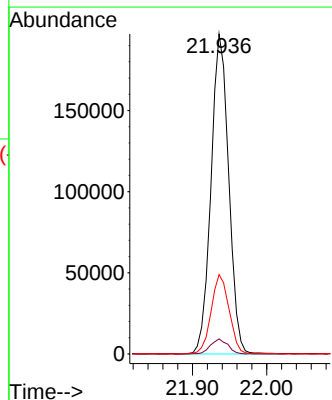
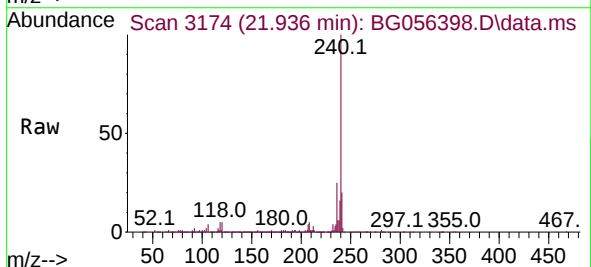
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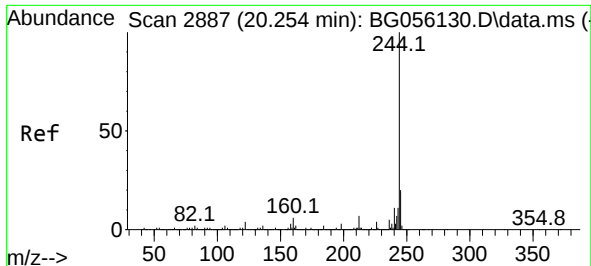
Tgt Ion:248 Resp: 13865
Ion Ratio Lower Upper
248 100
250 186.2 78.2 117.4#
141 394.8 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. -0.006 min
Lab File: BG056398.D
Acq: 24 Jan 2023 11:20

Tgt Ion:240 Resp: 326309
Ion Ratio Lower Upper
240 100
120 4.7 2.6 4.0#
236 24.8 20.8 31.2

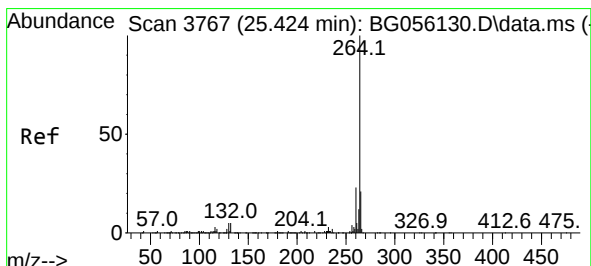
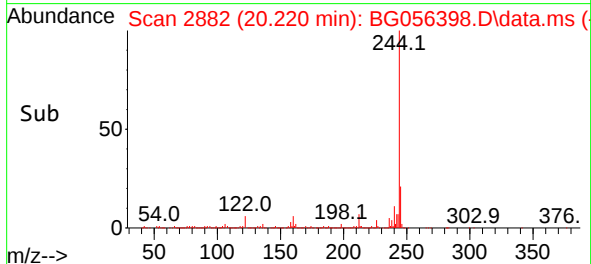
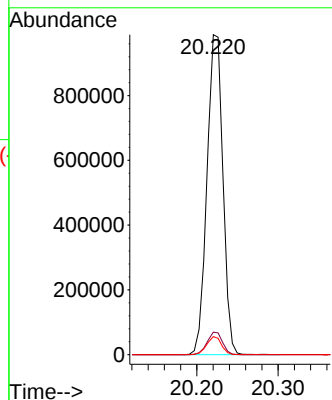
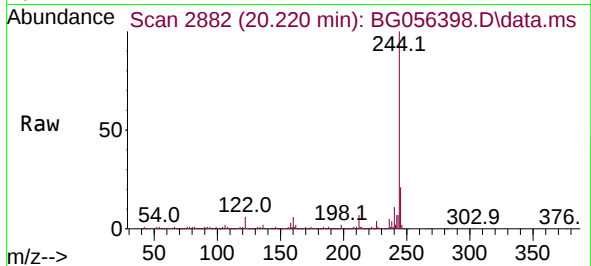




#79
 Terphenyl-d14
 Concen: 73.682 ng
 RT: 20.220 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056398.D
 Acq: 24 Jan 2023 11:20

Instrument :
 BNA_G
 ClientSampleId :
 PB150335BL

Tgt Ion:244 Resp: 1342410
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.6 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.367 min Scan# 3758
 Delta R.T. -0.006 min
 Lab File: BG056398.D
 Acq: 24 Jan 2023 11:20

Tgt Ion:264 Resp: 346389
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.3 16.7 25.1

