

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056437.D
 Acq On : 26 Jan 2023 10:54
 Operator : CG/JU
 Sample : PB150464BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150464BL

Quant Time: Jan 27 00:56:34 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)

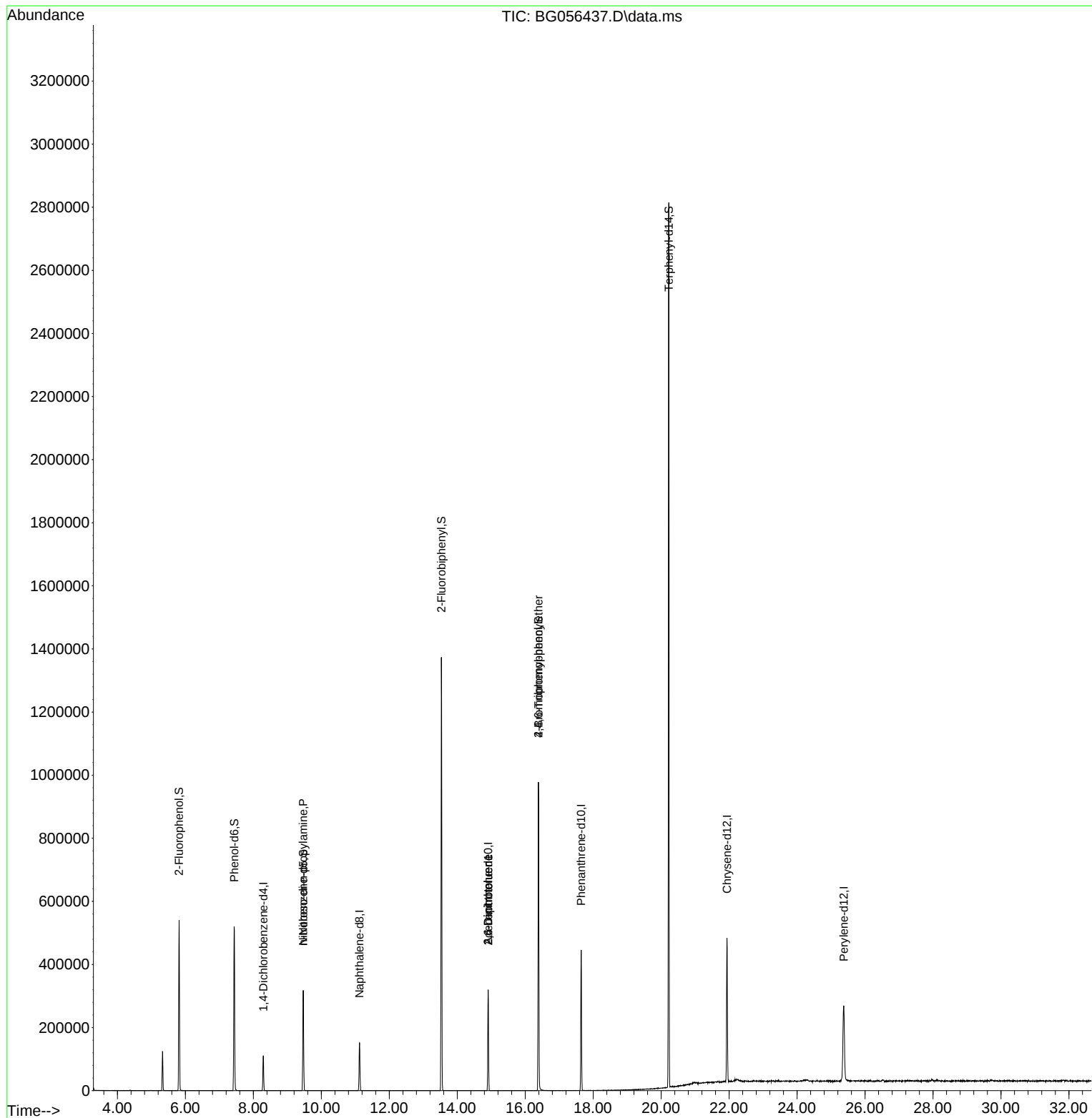
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	37226	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	145436	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	123397	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	314450	20.000	ng	0.00
76) Chrysene-d12	21.937	240	301070	20.000	ng	# 0.00
86) Perylene-d12	25.374	264	320908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	311037	149.185	ng	0.00
7) Phenol-d6	7.436	99	421394	131.610	ng	0.00
23) Nitrobenzene-d5	9.469	82	222637	78.304	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	222428	142.326	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	793263	88.772	ng	0.00
79) Terphenyl-d14	20.227	244	1581154	94.062	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.469	70	27441	14.094	ng	# 73
51) 2,6-Dinitrotoluene	14.910	165	16212	7.638	ng	# 32
57) 2,4-Dinitrotoluene	14.910	165	16212	5.461	ng	# 29
67) 4-Bromophenyl-phenylether	16.390	248	17480	4.365	ng	# 1

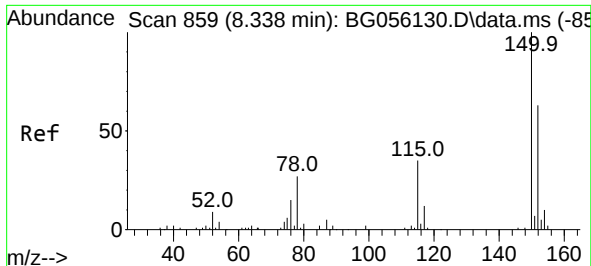
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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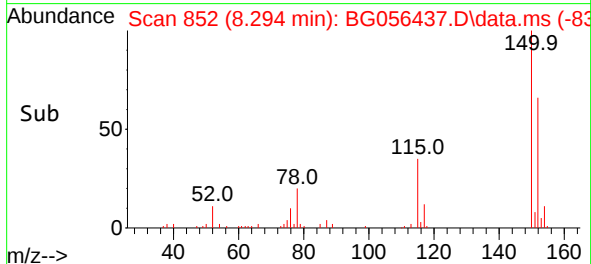
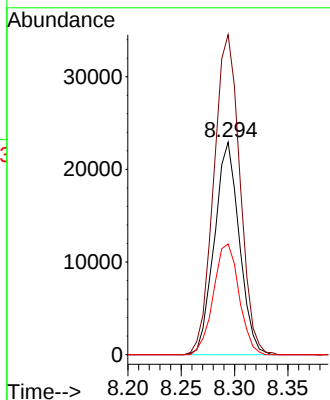
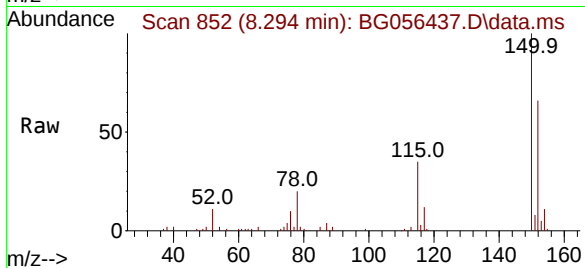




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.294 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54

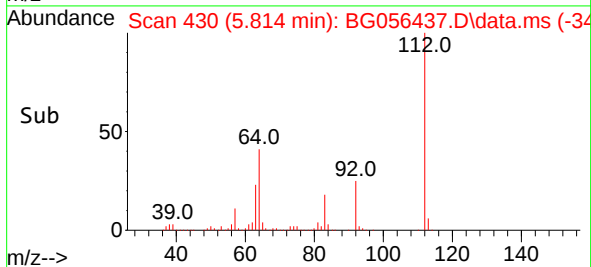
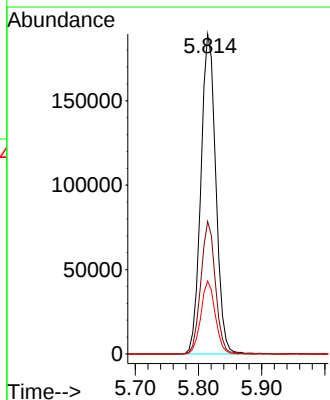
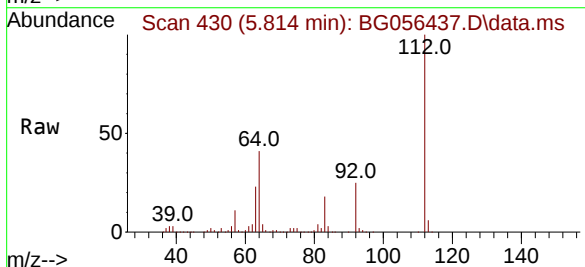
Instrument :
BNA_G
ClientSampleId :
PB150464BL

Tgt Ion:152 Resp: 37226
Ion Ratio Lower Upper
152 100
150 150.6 127.9 191.9
115 52.1 44.2 66.2



#5
2-Fluorophenol
Concen: 149.185 ng
RT: 5.814 min Scan# 430
Delta R.T. 0.001 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54

Tgt Ion:112 Resp: 311037
Ion Ratio Lower Upper
112 100
64 41.4 33.3 49.9
63 22.8 19.0 28.4

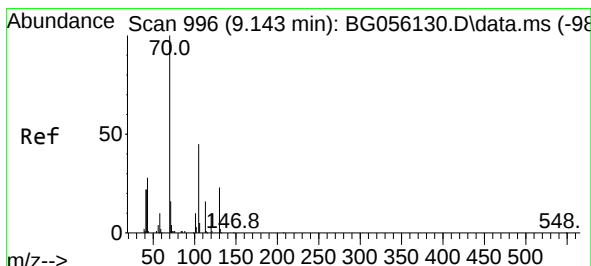
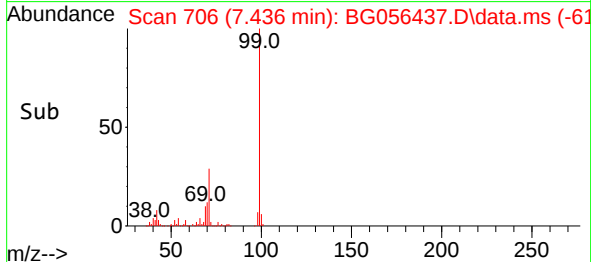
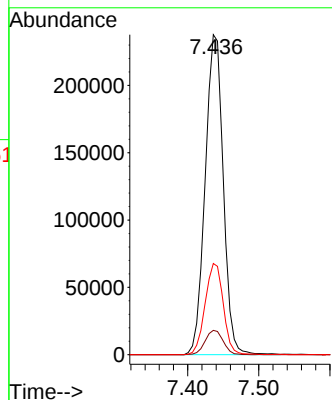
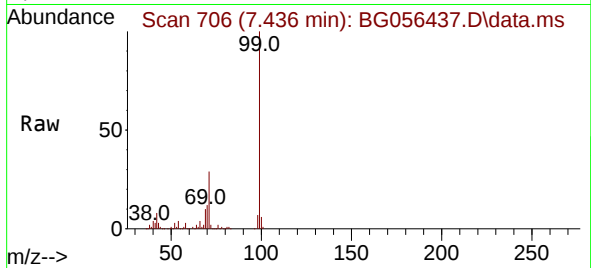




#7
Phenol-d6
Concen: 131.610 ng
RT: 7.436 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54

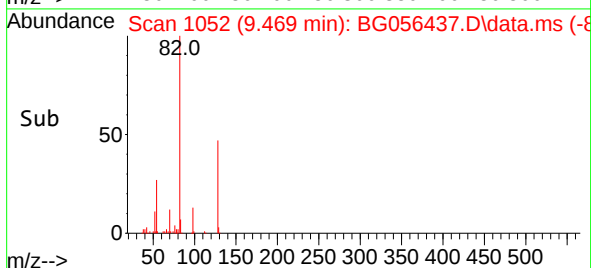
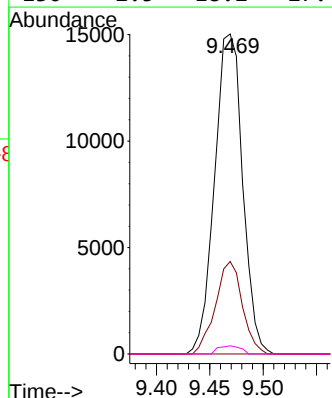
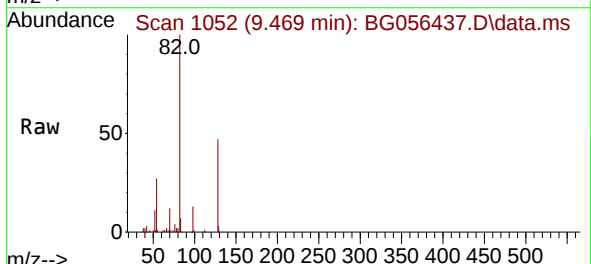
Instrument :
BNA_G
ClientSampleId :
PB150464BL

Tgt Ion: 99 Resp: 421394
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 28.5 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.094 ng
RT: 9.469 min Scan# 1052
Delta R.T. 0.371 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54

Tgt Ion: 70 Resp: 27441
Ion Ratio Lower Upper
70 100
42 28.9 18.2 27.2#
101 0.0 8.3 12.5#
130 2.5 18.2 27.4#

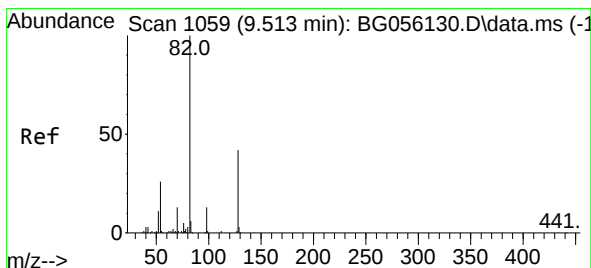
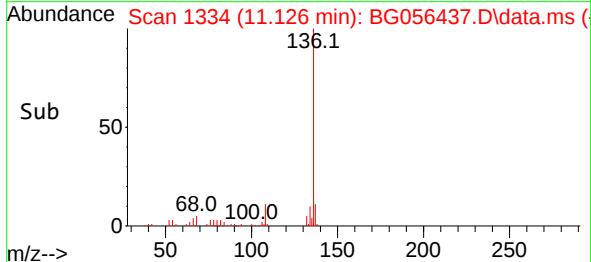
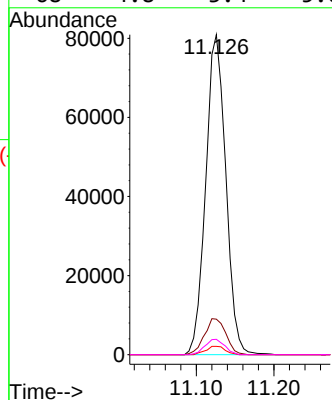
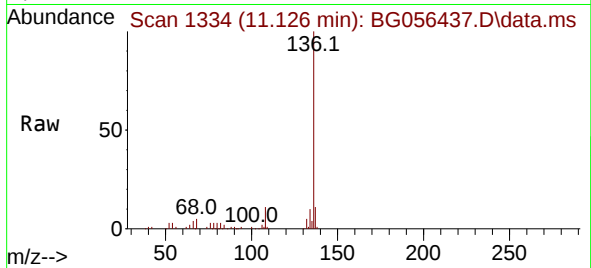




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.126 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54

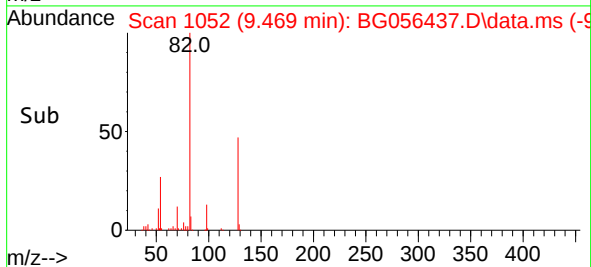
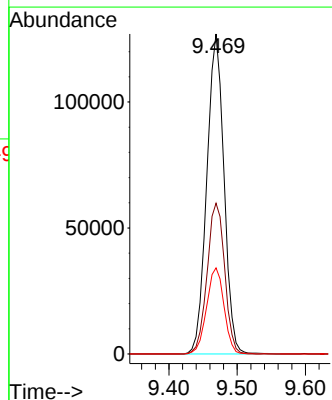
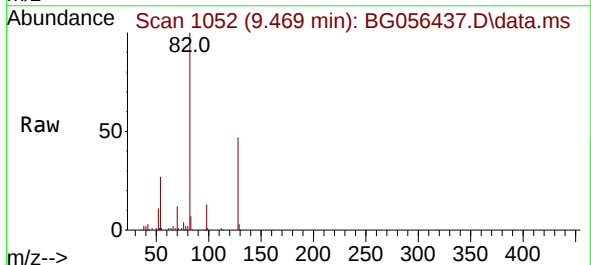
Instrument :
BNA_G
ClientSampleId :
PB150464BL

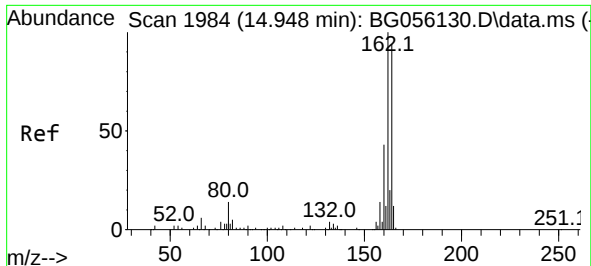
Tgt	Ion:136	Resp:	145436
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	2.6	2.2	3.2
68	4.8	3.4	5.0



#23
Nitrobenzene-d5
Concen: 78.304 ng
RT: 9.469 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54

Tgt Ion: 82	Resp: 222637
Ion Ratio	Lower Upper
82 100	
128 47.1	33.4 50.2
54 26.9	20.3 30.5

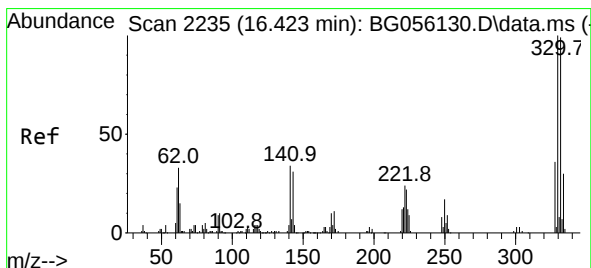
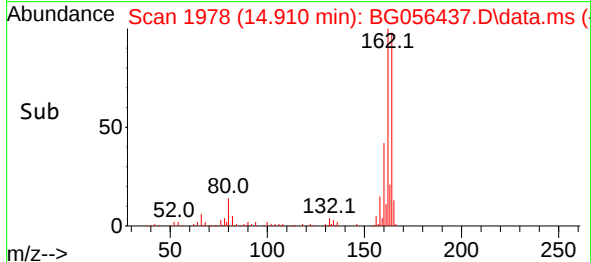
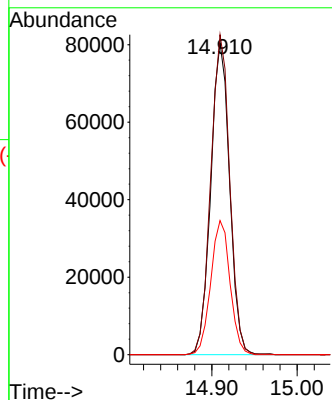
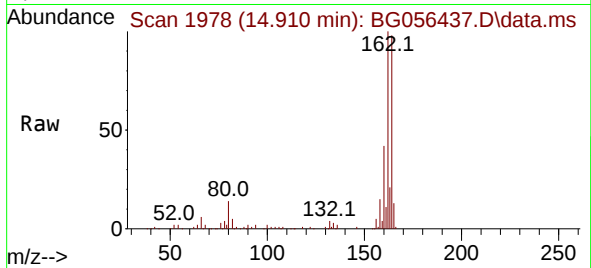




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.910 min Scan# 1984
Delta R.T. -0.005 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54

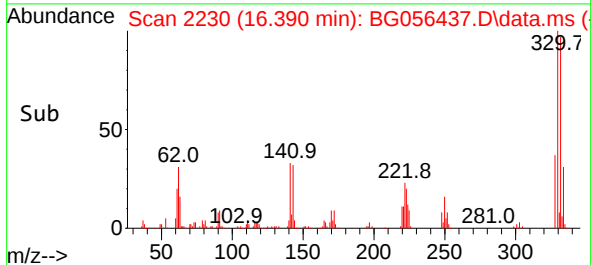
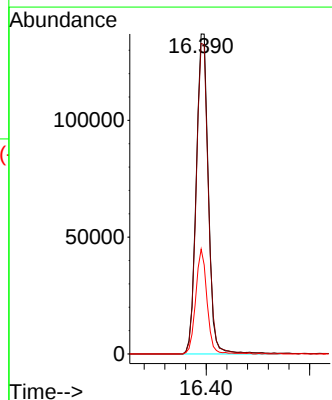
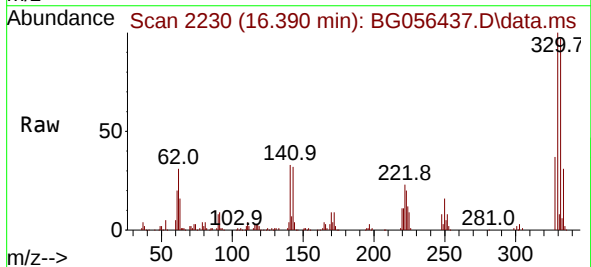
Instrument :
BNA_G
ClientSampleId :
PB150464BL

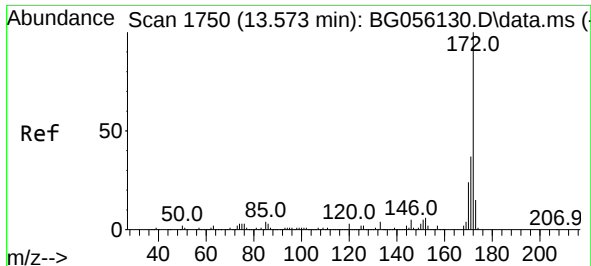
Tgt Ion:164 Resp: 123397
Ion Ratio Lower Upper
164 100
162 102.5 84.7 127.1
160 43.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 142.326 ng
RT: 16.390 min Scan# 2230
Delta R.T. -0.005 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54

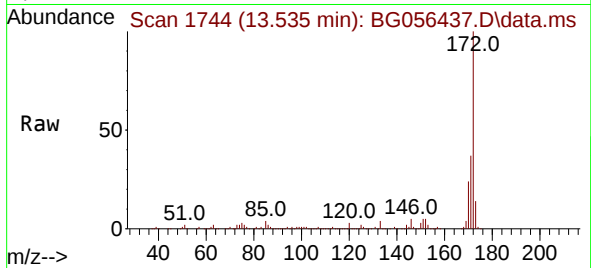
Tgt Ion:330 Resp: 222428
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 30.5 27.9 41.9



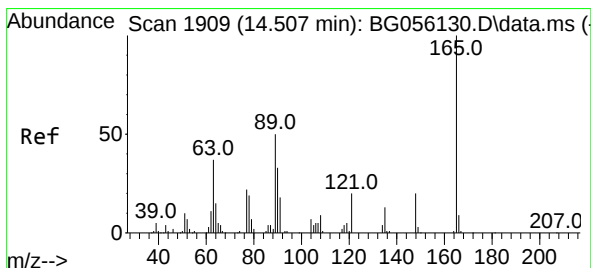
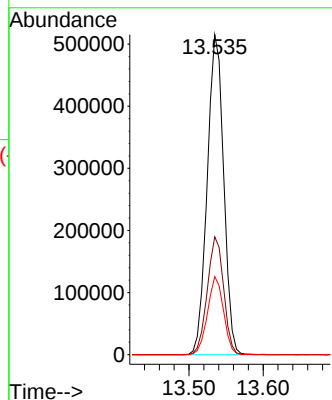
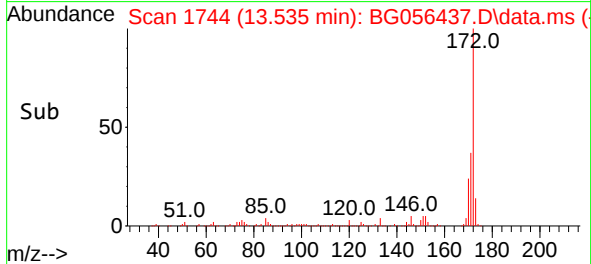


#45
2-Fluorobiphenyl
Concen: 88.772 ng
RT: 13.535 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54

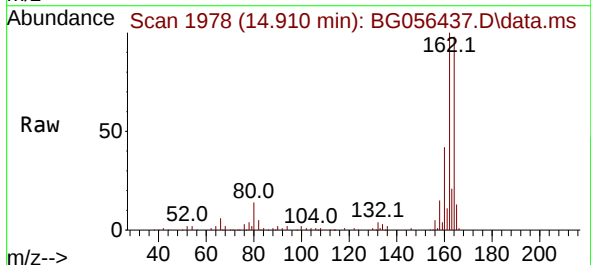
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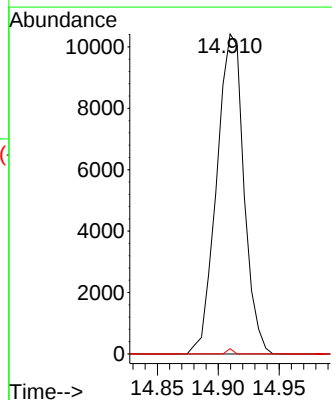
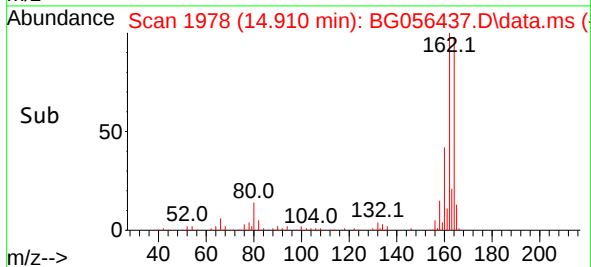
Tgt Ion:172 Resp: 793263
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.4 19.4 29.2

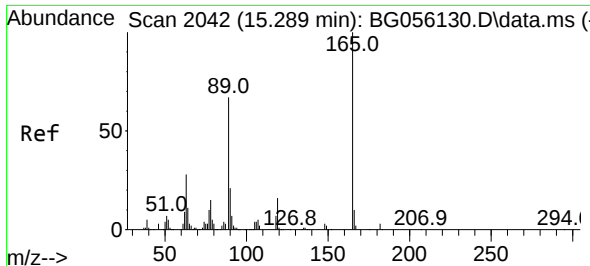


#51
2,6-Dinitrotoluene
Concen: 7.638 ng
RT: 14.910 min Scan# 1978
Delta R.T. 0.430 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54



Tgt Ion:165 Resp: 16212
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.6 39.8 59.8#

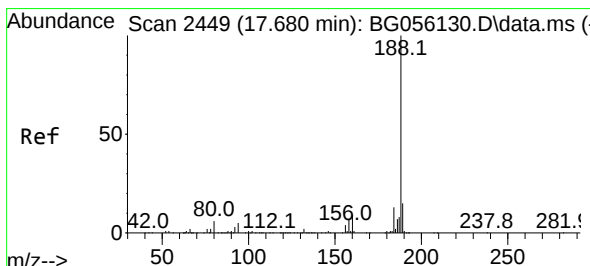
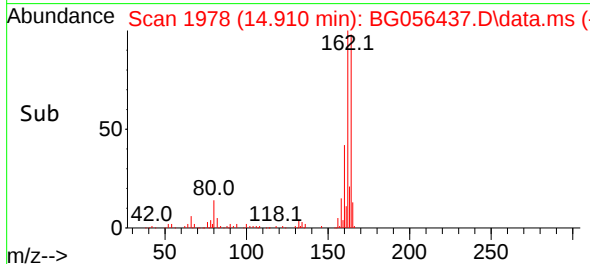
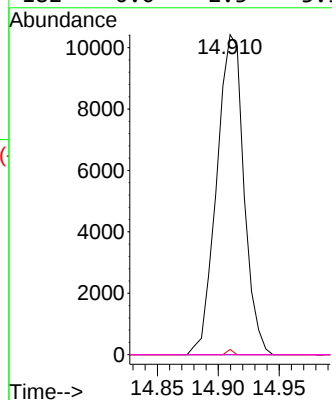
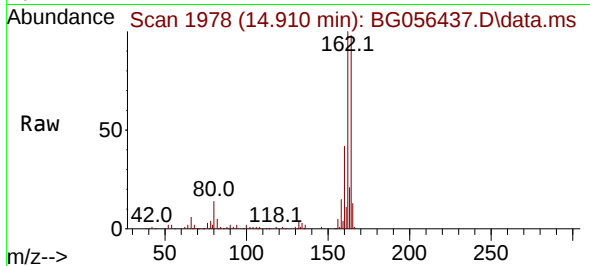




#57
2,4-Dinitrotoluene
Concen: 5.461 ng
RT: 14.910 min Scan# 1978
Delta R.T. -0.358 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54

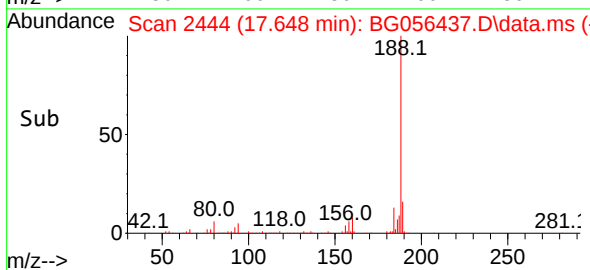
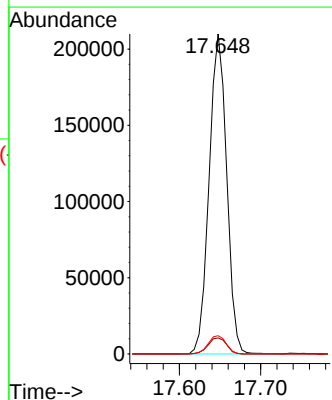
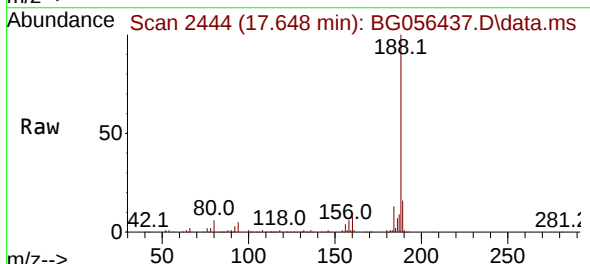
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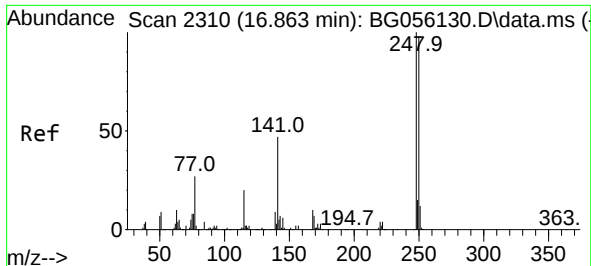
Tgt Ion:165 Resp: 16212
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.6 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54

Tgt Ion:188 Resp: 314450
Ion Ratio Lower Upper
188 100
94 5.0 4.2 6.2
80 5.7 5.0 7.4

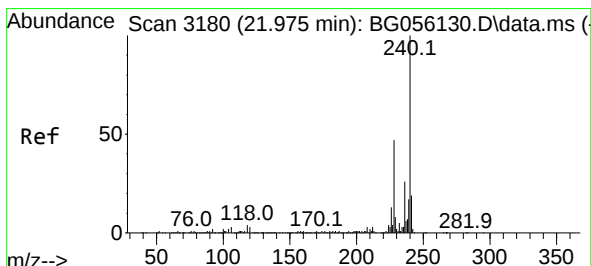
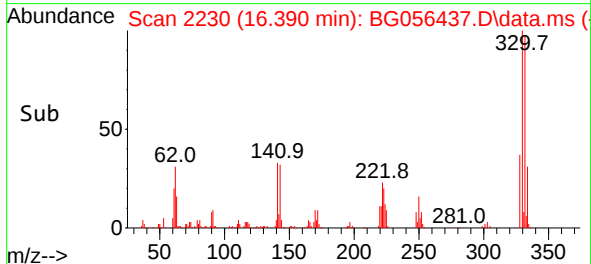
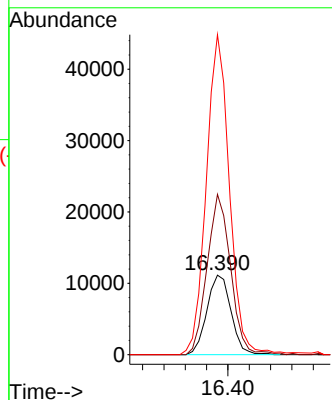
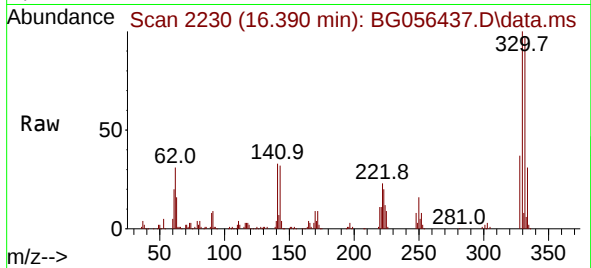




#67
4-Bromophenyl-phenylether
Concen: 4.365 ng
RT: 16.390 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54

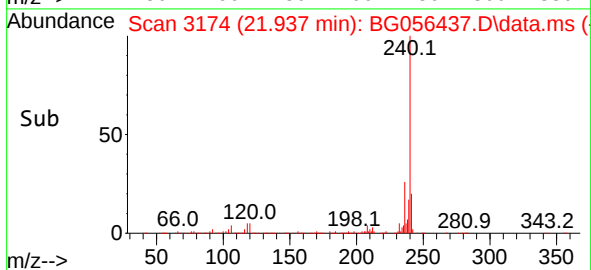
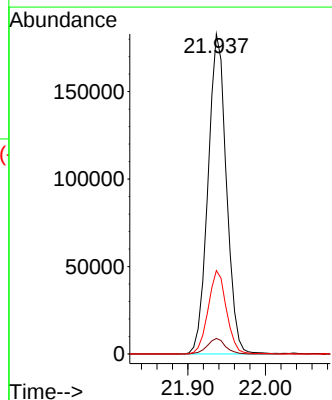
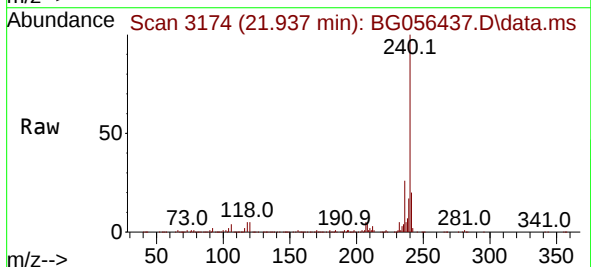
Instrument :
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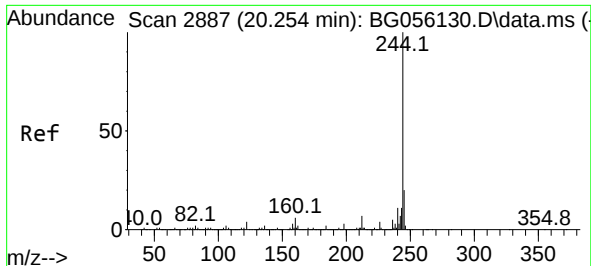
Tgt Ion:248 Resp: 17480
Ion Ratio Lower Upper
248 100
250 201.8 78.2 117.4#
141 402.7 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG056437.D
Acq: 26 Jan 2023 10:54

Tgt Ion:240 Resp: 301070
Ion Ratio Lower Upper
240 100
120 4.9 2.6 4.0#
236 26.1 20.8 31.2

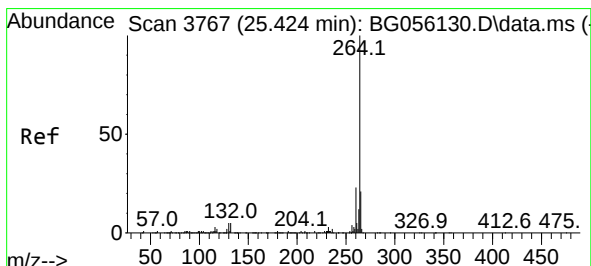
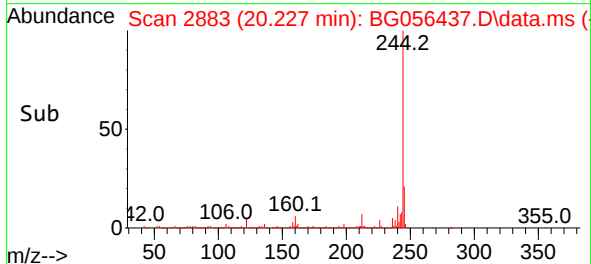
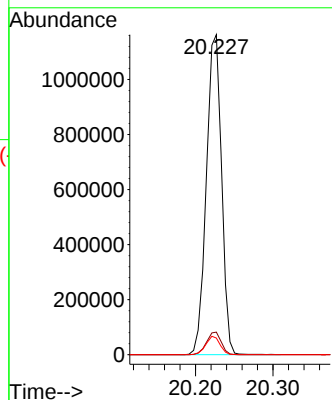
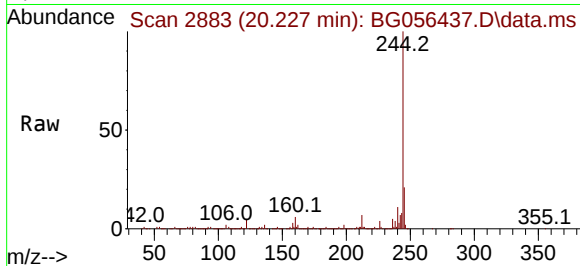




#79
 Terphenyl-d14
 Concen: 94.062 ng
 RT: 20.227 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056437.D
 Acq: 26 Jan 2023 10:54

Instrument :
 BNA_G
 ClientSampleId :
 PB150464BL

Tgt Ion:244 Resp: 1581154
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 5.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.374 min Scan# 3759
 Delta R.T. 0.001 min
 Lab File: BG056437.D
 Acq: 26 Jan 2023 10:54

Tgt Ion:264 Resp: 320908
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.5 16.7 25.1

