

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057637.D
 Acq On : 6 Jun 2023 14:42
 Operator : CG/JU
 Sample : PB153188BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153188BL

Quant Time: Jun 06 15:17:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

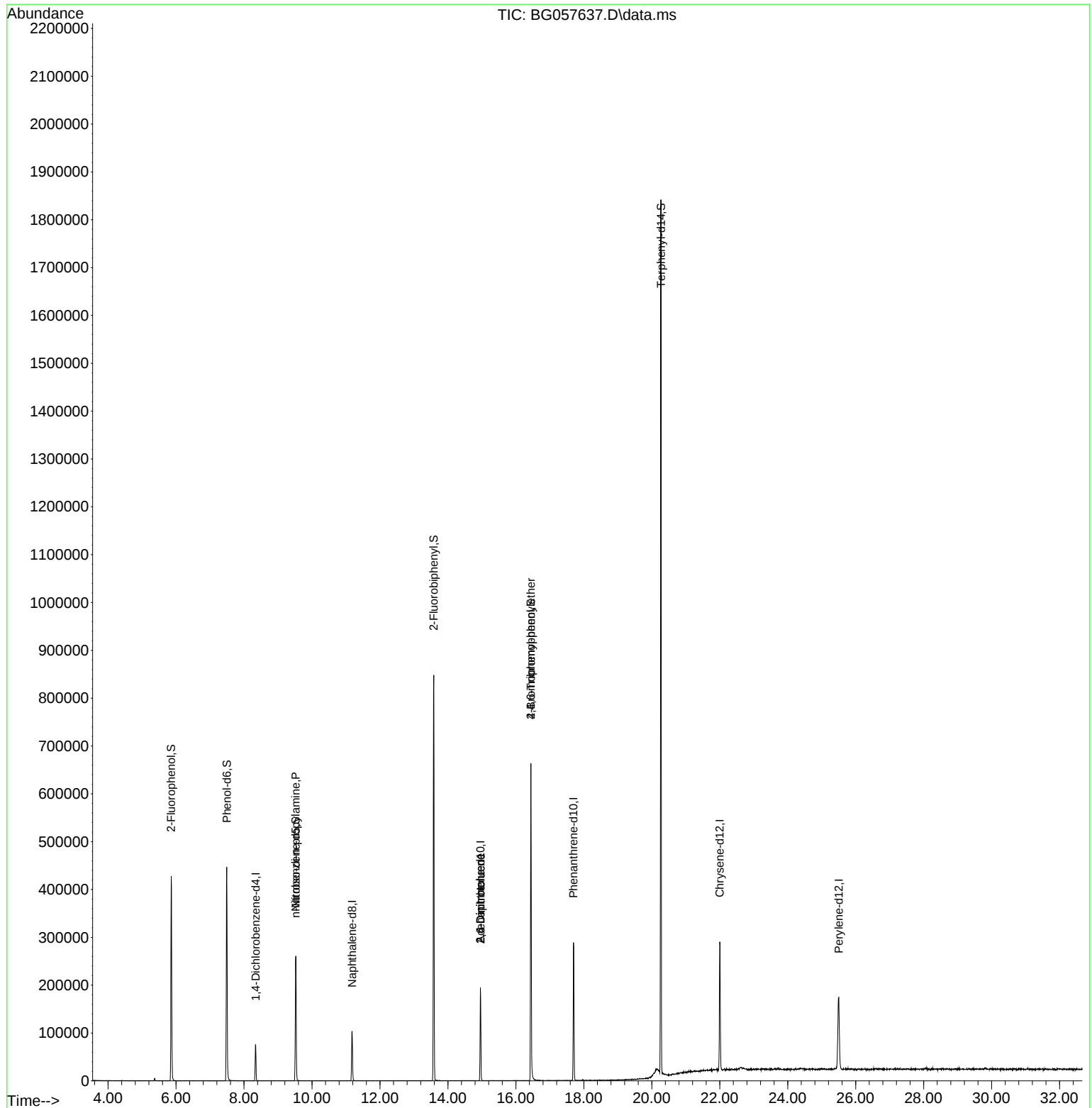
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	23269	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	97440	20.000	ng	0.00
39) Acenaphthene-d10	14.958	164	73912	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	199648	20.000	ng	0.00
76) Chrysene-d12	22.001	240	176102	20.000	ng	0.00
86) Perylene-d12	25.502	264	187749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	201444	150.402	ng	0.00
7) Phenol-d6	7.491	99	289550	138.137	ng	0.00
23) Nitrobenzene-d5	9.524	82	179812	86.264	ng	0.00
42) 2,4,6-Tribromophenol	16.444	330	145611	123.050	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	470864	91.553	ng	0.00
79) Terphenyl-d14	20.268	244	967224	95.141	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.518	70	23688	16.266	ng	# 73
51) 2,6-Dinitrotoluene	14.958	165	9248	7.092	ng	# 27
57) 2,4-Dinitrotoluene	14.958	165	9248	4.737	ng	# 25
67) 4-Bromophenyl-phenylether	16.444	248	10023	4.476	ng	# 1

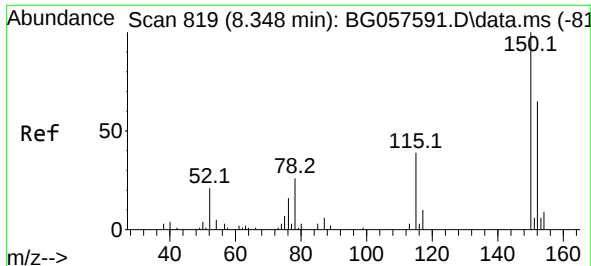
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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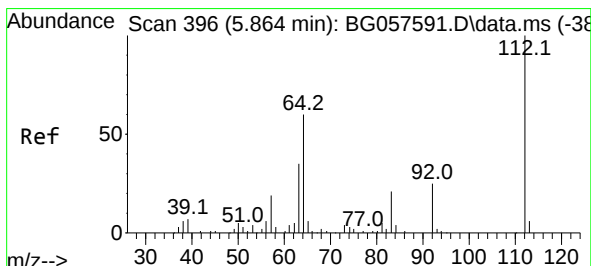
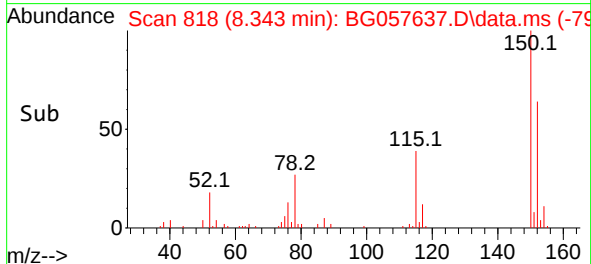
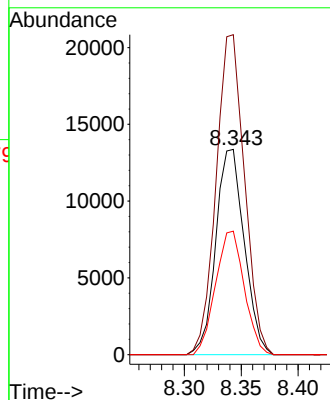
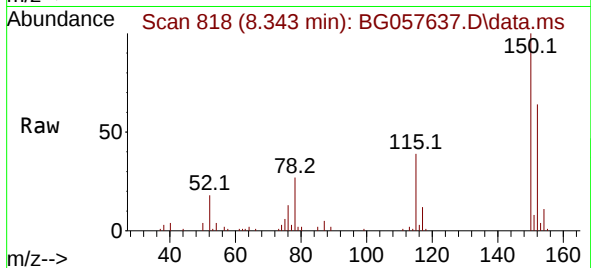




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 819
Delta R.T. 0.009 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

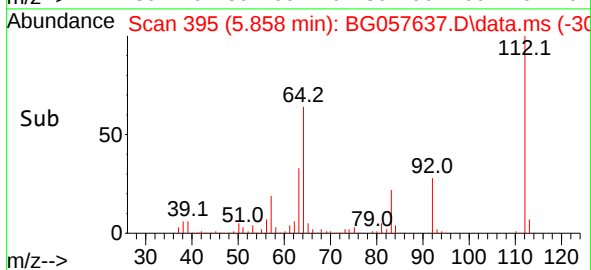
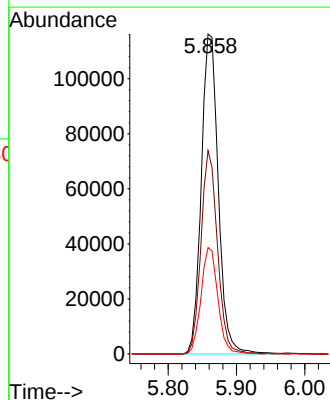
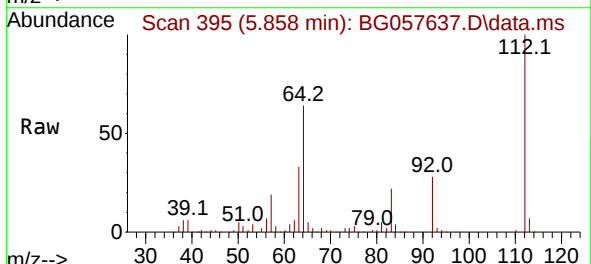
Instrument :
BNA_G
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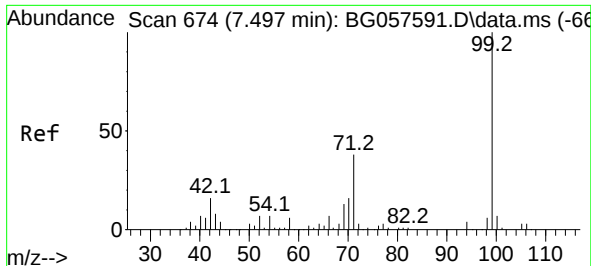
Tgt Ion:152 Resp: 23269
Ion Ratio Lower Upper
152 100
150 155.9 123.0 184.4
115 60.2 47.4 71.2



#5
2-Fluorophenol
Concen: 150.402 ng
RT: 5.858 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

Tgt Ion:112 Resp: 201444
Ion Ratio Lower Upper
112 100
64 63.5 47.8 71.6
63 33.2 27.8 41.8

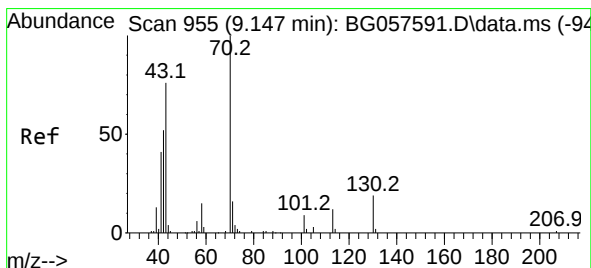
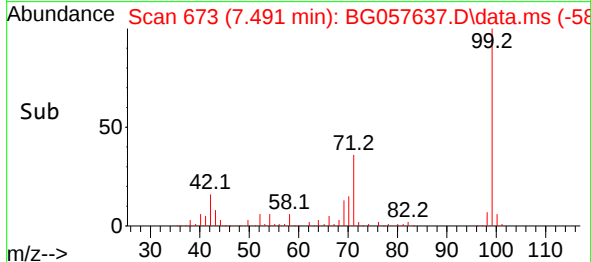
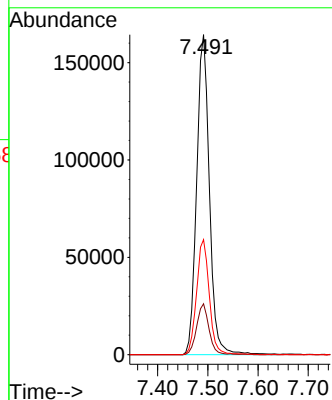
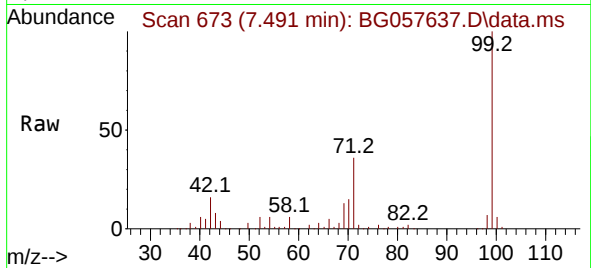




#7
Phenol-d6
Concen: 138.137 ng
RT: 7.491 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

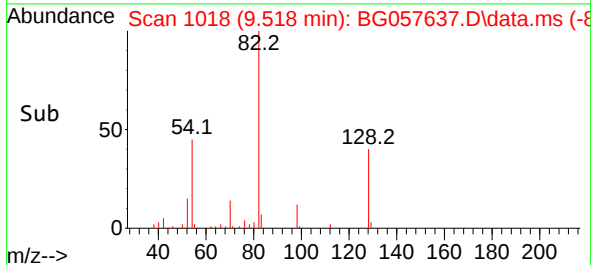
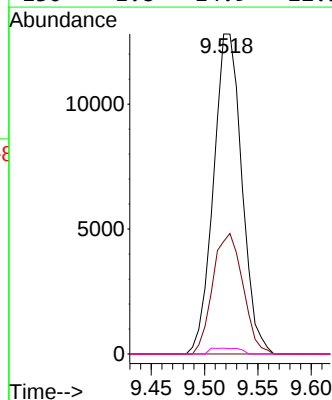
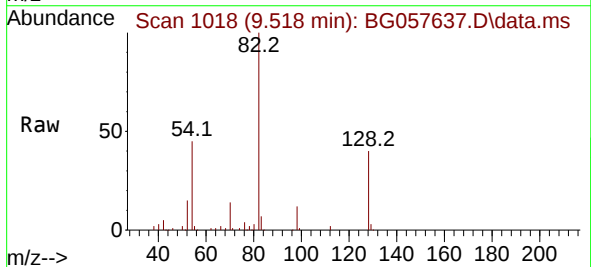
Instrument :
BNA_G
ClientSampleId :
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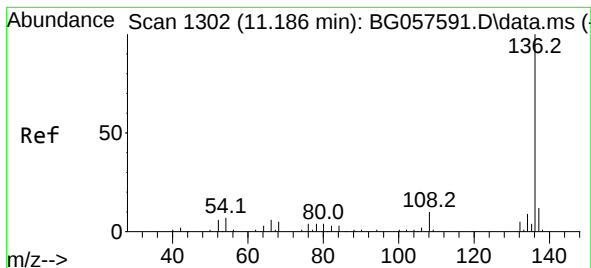
Tgt Ion: 99 Resp: 289550
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 36.0 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.266 ng
RT: 9.518 min Scan# 1018
Delta R.T. 0.379 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

Tgt Ion: 70 Resp: 23688
Ion Ratio Lower Upper
70 100
42 35.2 41.4 62.0#
101 0.0 6.9 10.3#
130 1.8 14.9 22.3#

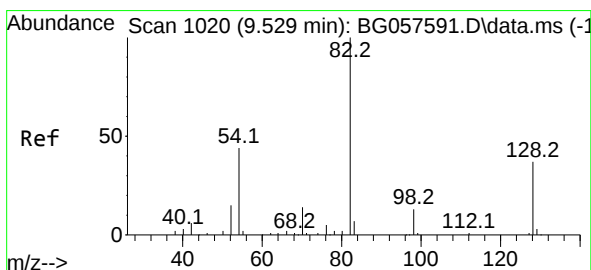
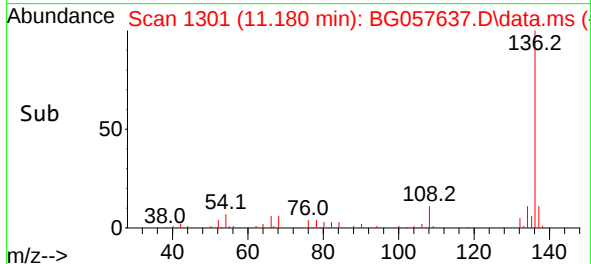
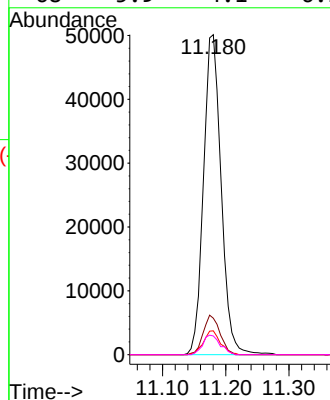
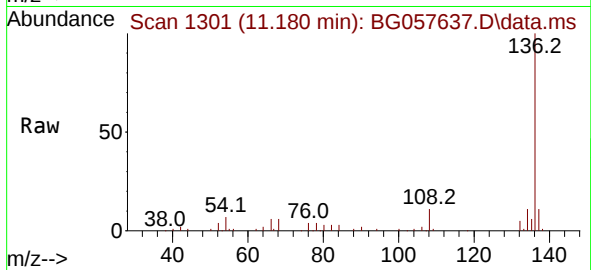




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

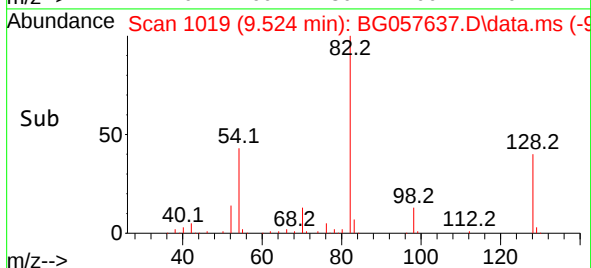
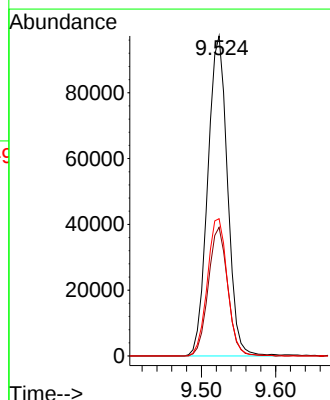
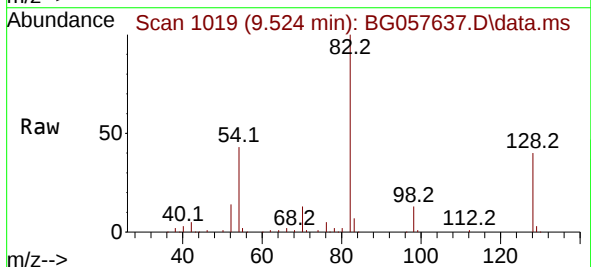
Instrument :
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ClientSampleId :
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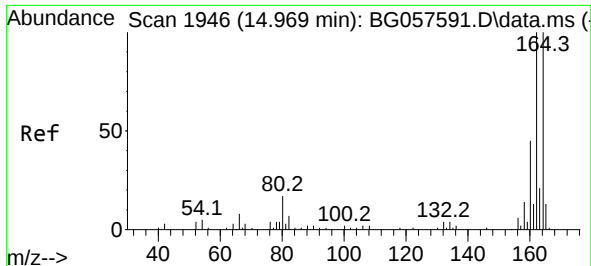
Tgt Ion:136 Resp: 97440
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.8
54 7.4 5.8 8.6
68 5.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 86.264 ng
RT: 9.524 min Scan# 1019
Delta R.T. 0.003 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

Tgt Ion: 82 Resp: 179812
Ion Ratio Lower Upper
82 100
128 40.2 30.0 45.0
54 42.9 35.2 52.8

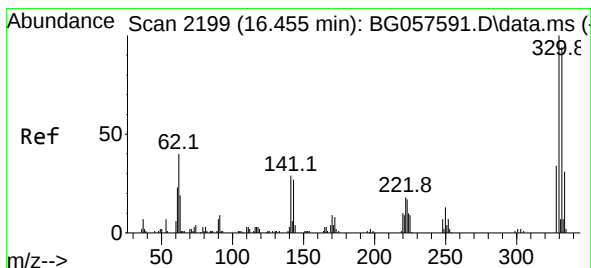
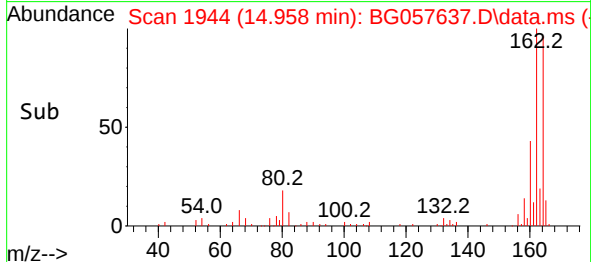
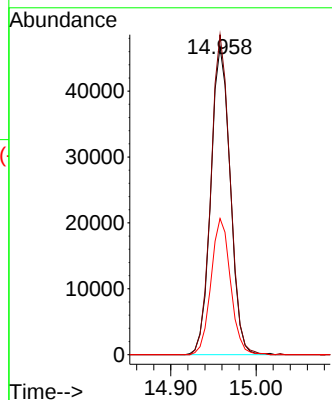
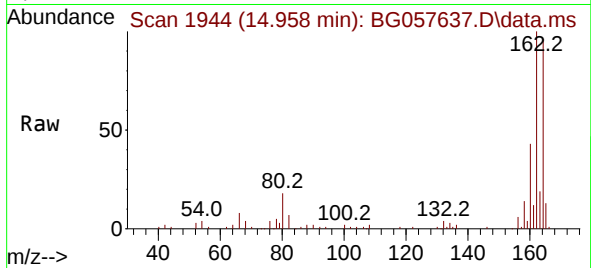




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.958 min Scan# 1944
Delta R.T. -0.002 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

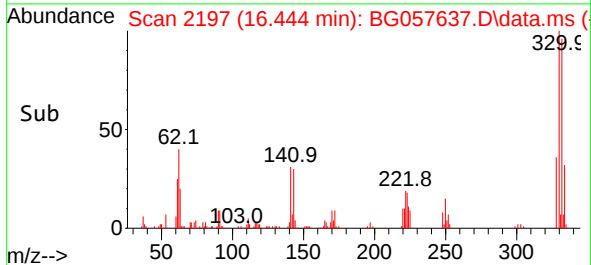
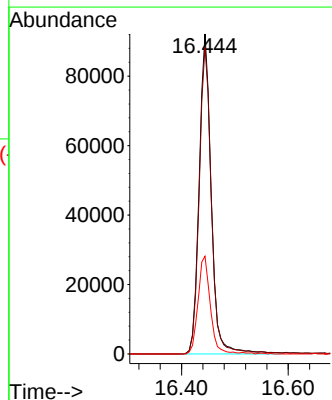
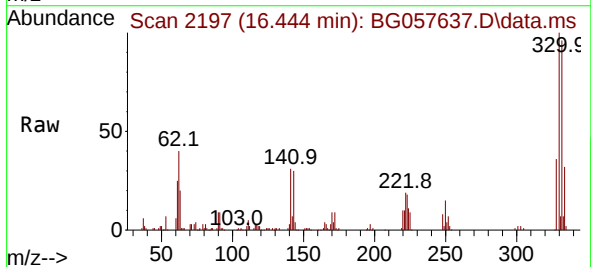
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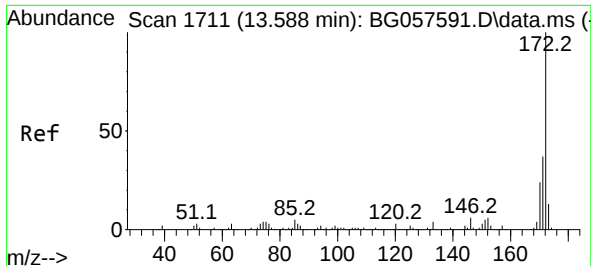
Tgt Ion:164 Resp: 73912
Ion Ratio Lower Upper
164 100
162 104.0 80.1 120.1
160 44.2 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 123.050 ng
RT: 16.444 min Scan# 2197
Delta R.T. -0.002 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

Tgt Ion:330 Resp: 145611
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 30.8 24.6 37.0

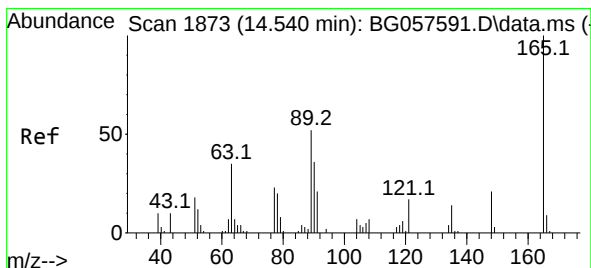
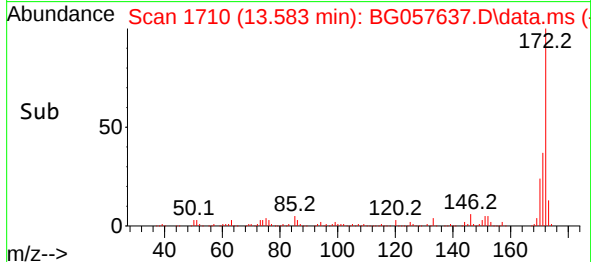
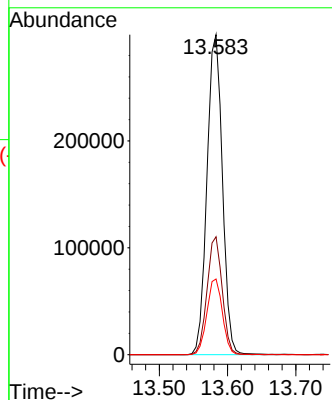
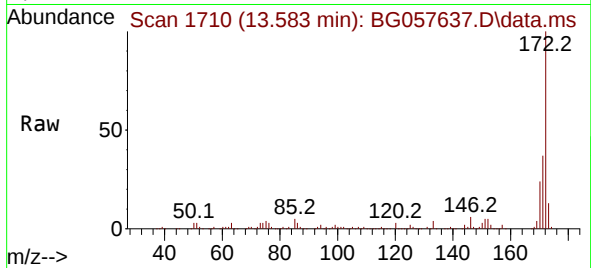




#45
2-Fluorobiphenyl
Concen: 91.553 ng
RT: 13.583 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

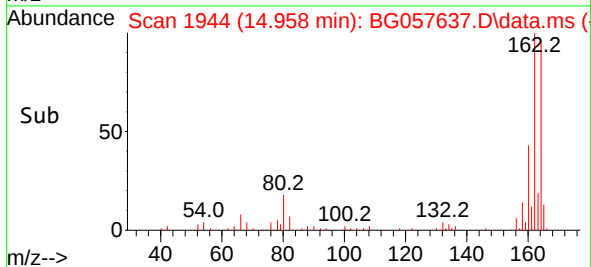
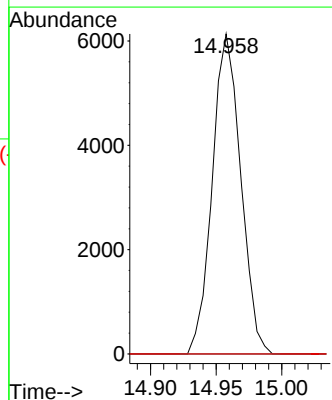
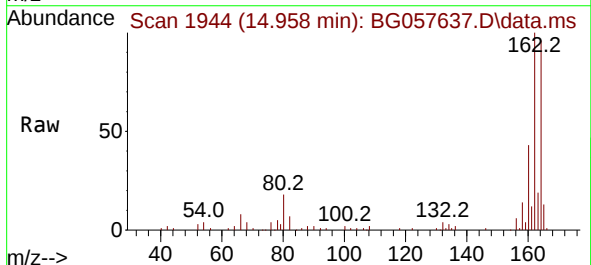
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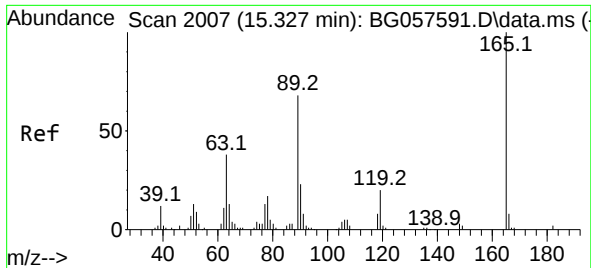
Tgt Ion:172 Resp: 470864
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 23.7 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.092 ng
RT: 14.958 min Scan# 1944
Delta R.T. 0.426 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

Tgt Ion:165 Resp: 9248
Ion Ratio Lower Upper
165 100
63 0.0 39.3 58.9#
89 0.0 41.5 62.3#

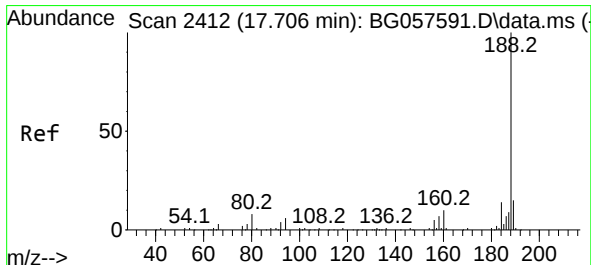
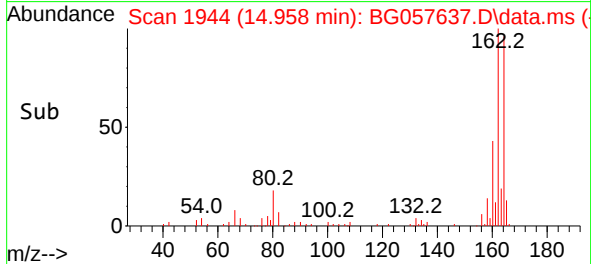
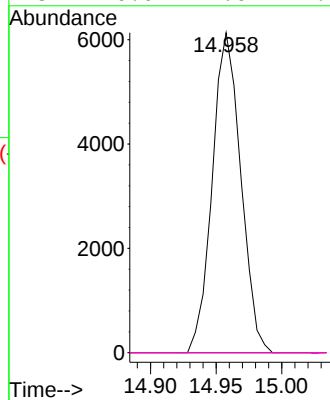
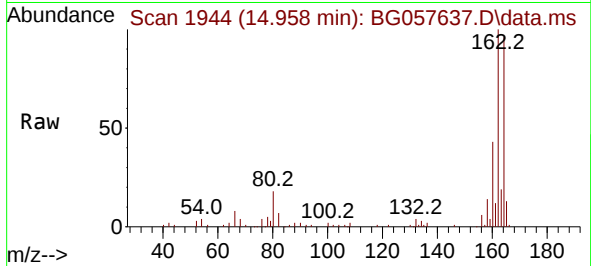




#57
2,4-Dinitrotoluene
Concen: 4.737 ng
RT: 14.958 min Scan# 14
Delta R.T. -0.367 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

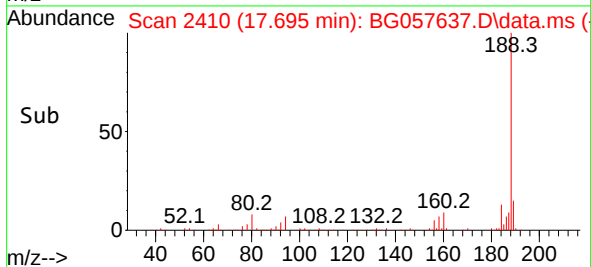
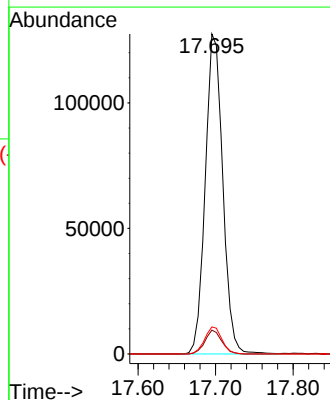
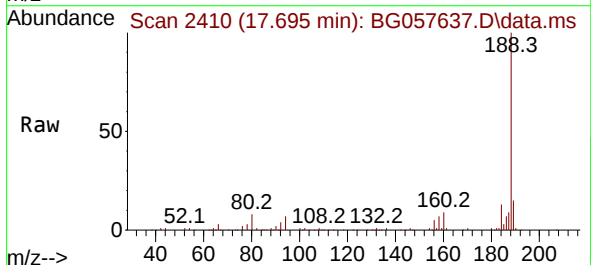
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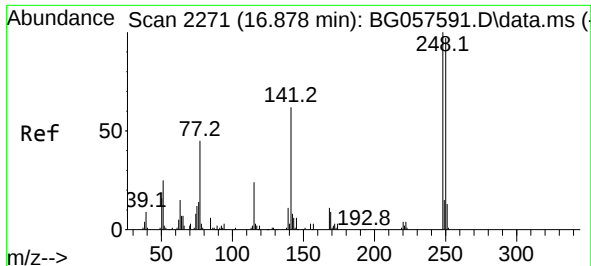
Tgt Ion:165 Resp: 9248
Ion Ratio Lower Upper
165 100
63 0.0 30.6 45.8#
89 0.0 54.2 81.2#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

Tgt Ion:188 Resp: 199648
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 8.4 6.7 10.1

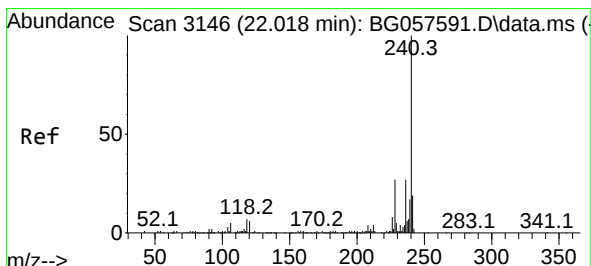
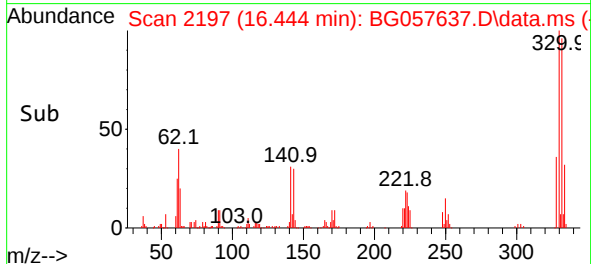
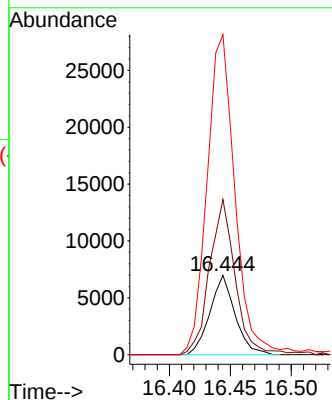
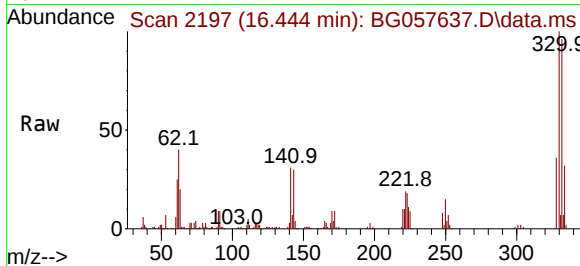




#67
4-Bromophenyl-phenylether
Concen: 4.476 ng
RT: 16.444 min Scan# 2197
Delta R.T. -0.425 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

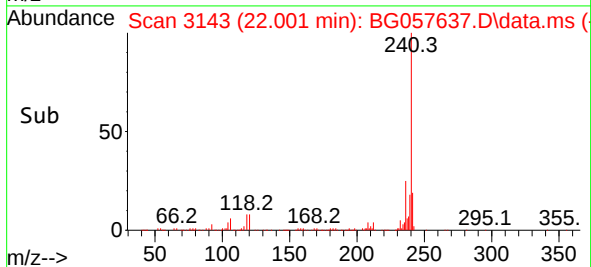
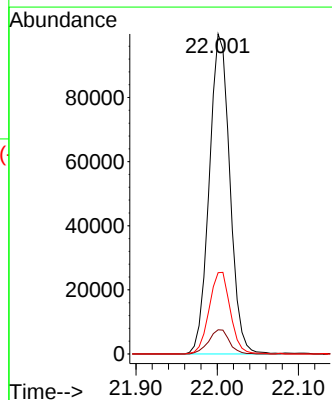
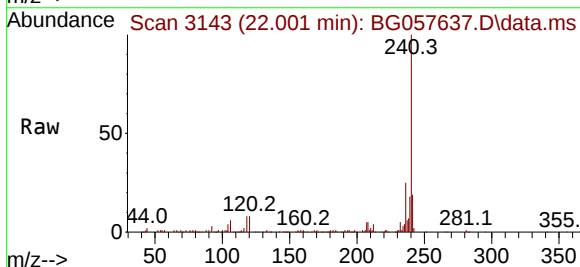
Instrument :
BNA_G
ClientSampleId :
PB153188BL

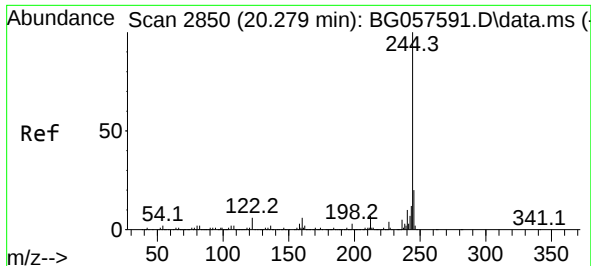
Tgt Ion:248 Resp: 10023
Ion Ratio Lower Upper
248 100
250 195.6 77.4 116.2#
141 403.3 49.4 74.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BG057637.D
Acq: 6 Jun 2023 14:42

Tgt Ion:240 Resp: 176102
Ion Ratio Lower Upper
240 100
120 7.6 5.2 7.8
236 25.4 21.4 32.0

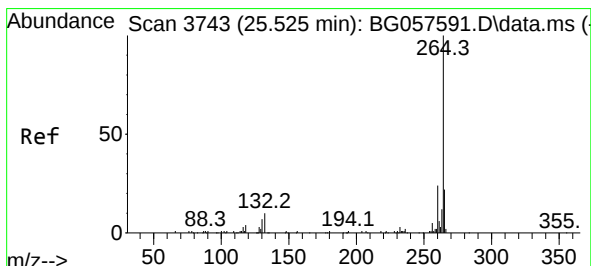
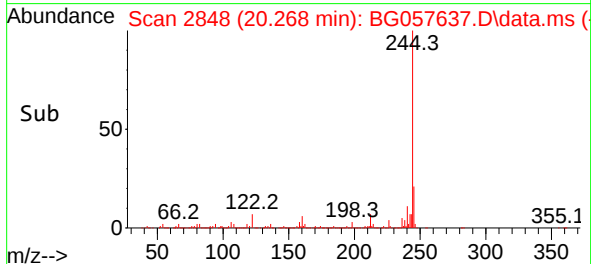
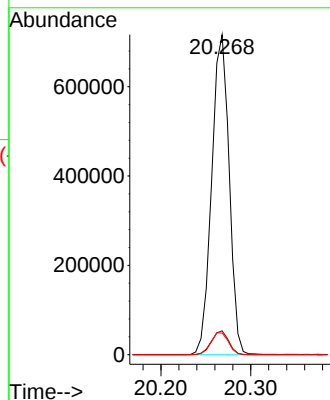
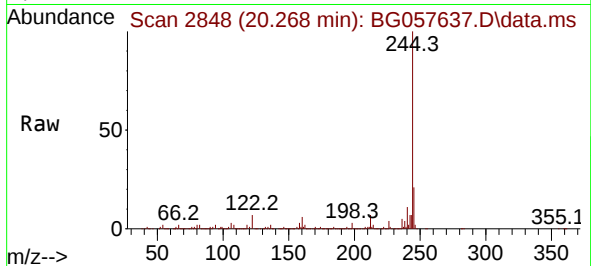




#79
 Terphenyl-d14
 Concen: 95.141 ng
 RT: 20.268 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057637.D
 Acq: 6 Jun 2023 14:42

Instrument :
 BNA_G
 ClientSampleId :
 PB153188BL

Tgt Ion:244 Resp: 967224
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 6.8 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.502 min Scan# 3739
 Delta R.T. 0.003 min
 Lab File: BG057637.D
 Acq: 6 Jun 2023 14:42

Tgt Ion:264 Resp: 187749
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 19.8 17.7 26.5

