

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
 Data File : BG057114.D
 Acq On : 17 Apr 2023 17:06
 Operator : CG/JU
 Sample : 02362-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-STONE-1-0414

Quant Time: Apr 17 17:40:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

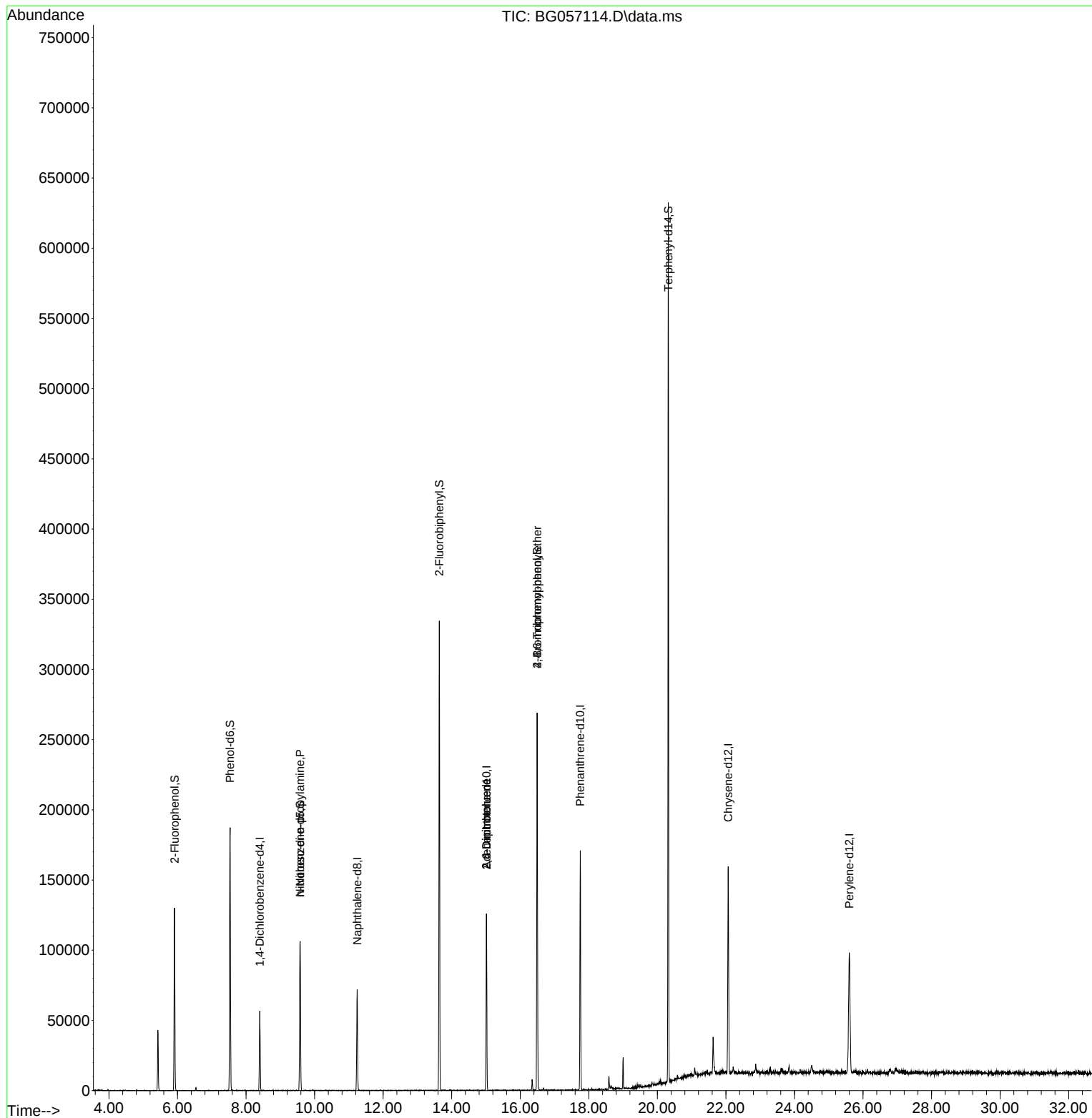
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.399	152	15965	20.000	ng	-0.01
21) Naphthalene-d8	11.242	136	60180	20.000	ng	# 0.00
39) Acenaphthene-d10	15.013	164	45070	20.000	ng	0.00
64) Phenanthrene-d10	17.751	188	108025	20.000	ng	#-0.01
76) Chrysene-d12	22.068	240	91884	20.000	ng	#-0.01
86) Perylene-d12	25.599	264	104170	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.914	112	55761	55.899	ng	0.00
7) Phenol-d6	7.535	99	110277	73.915	ng	0.00
23) Nitrobenzene-d5	9.579	82	71448	48.579	ng	0.00
42) 2,4,6-Tribromophenol	16.494	330	55640	77.277	ng	0.00
45) 2-Fluorobiphenyl	13.639	172	168307	50.638	ng	0.00
79) Terphenyl-d14	20.318	244	300210	55.287	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.579	70	9718	9.107	ng	# 75
51) 2,6-Dinitrotoluene	15.013	165	5646	7.359	ng	# 18
57) 2,4-Dinitrotoluene	15.013	165	5646	5.217	ng	# 18
67) 4-Bromophenyl-phenylether	16.494	248	3220	2.409	ng	# 1

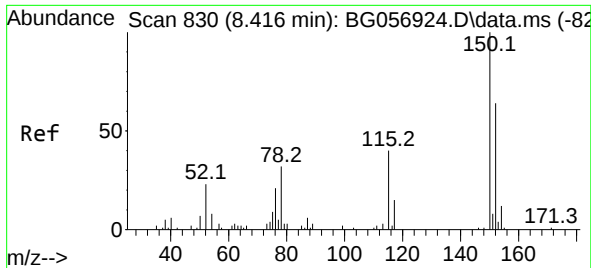
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
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HW-STONE-1-0414

Quant Time: Apr 17 17:40:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

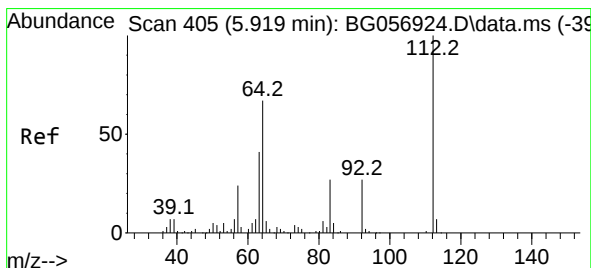
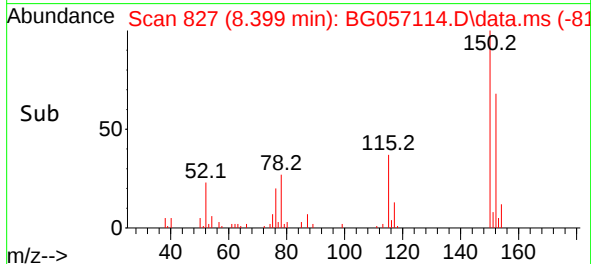
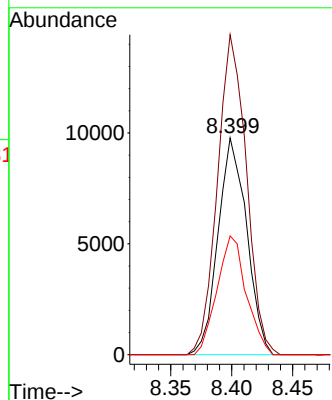
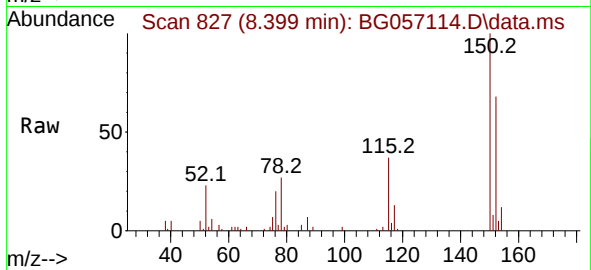




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.399 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

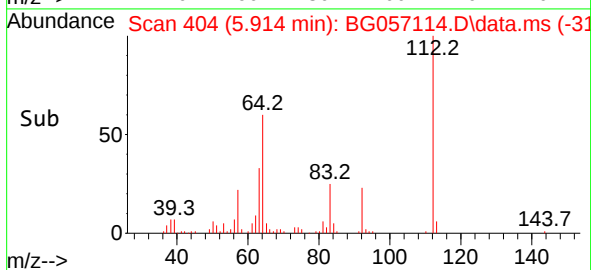
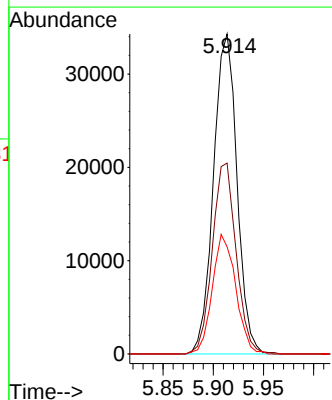
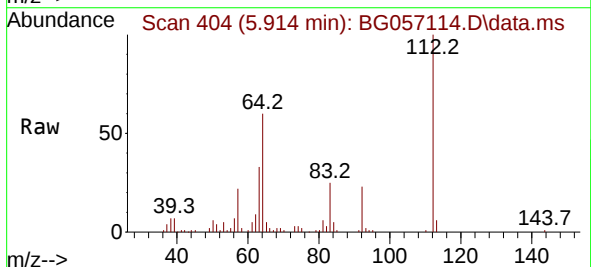
Instrument :
BNA_G
ClientSampleId :
HW-STONE-1-0414

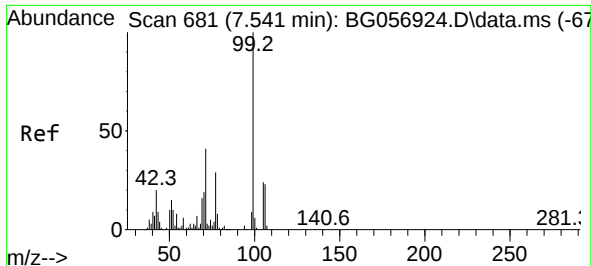
Tgt Ion:152 Resp: 15965
Ion Ratio Lower Upper
152 100
150 147.6 124.1 186.1
115 54.7 49.1 73.7



#5
2-Fluorophenol
Concen: 55.899 ng
RT: 5.914 min Scan# 404
Delta R.T. -0.001 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

Tgt Ion:112 Resp: 55761
Ion Ratio Lower Upper
112 100
64 59.6 53.2 79.8
63 33.5 32.6 48.8

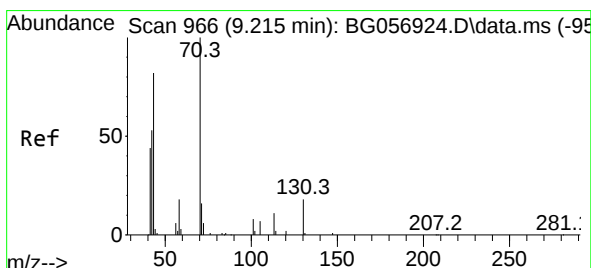
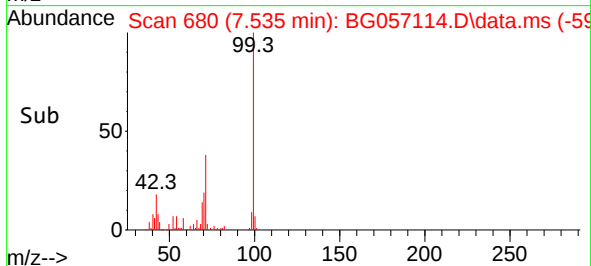
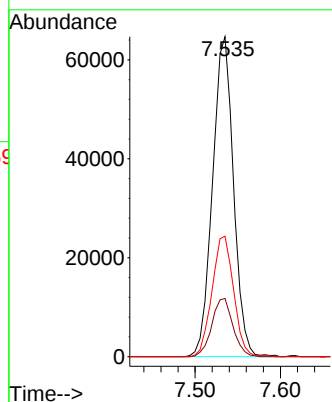
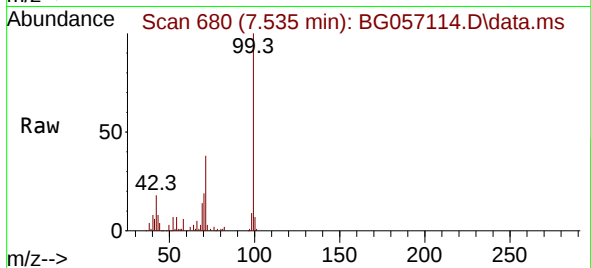




#7
Phenol-d6
Concen: 73.915 ng
RT: 7.535 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

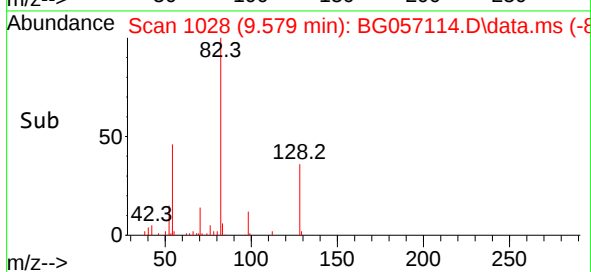
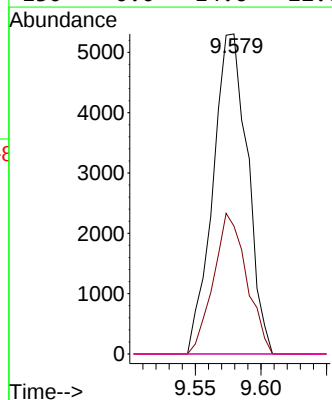
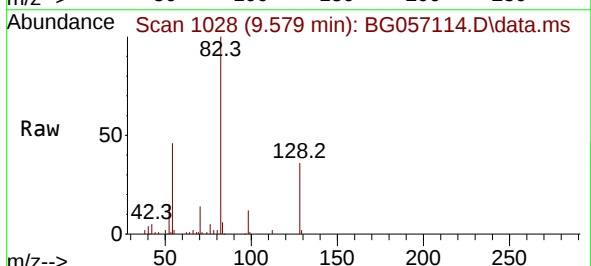
Instrument :
BNA_G
ClientSampleId :
HW-STONE-1-0414

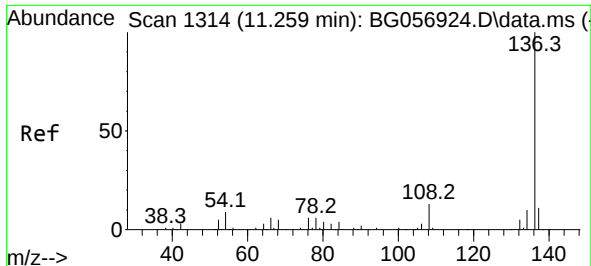
Tgt Ion: 99 Resp: 110277
Ion Ratio Lower Upper
99 100
42 18.2 15.7 23.5
71 37.6 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.107 ng
RT: 9.579 min Scan# 1028
Delta R.T. 0.369 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

Tgt Ion: 70 Resp: 9718
Ion Ratio Lower Upper
70 100
42 40.0 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

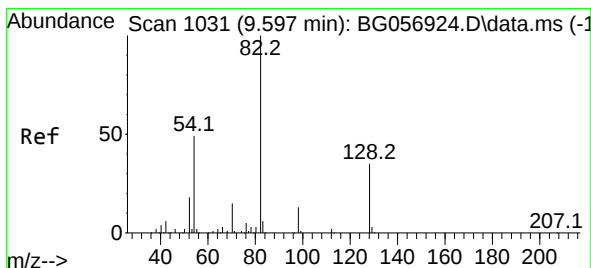
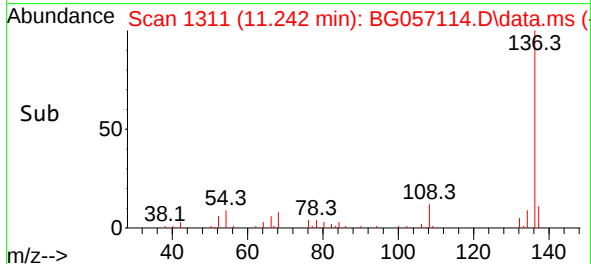
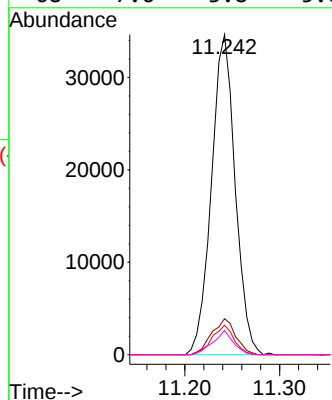
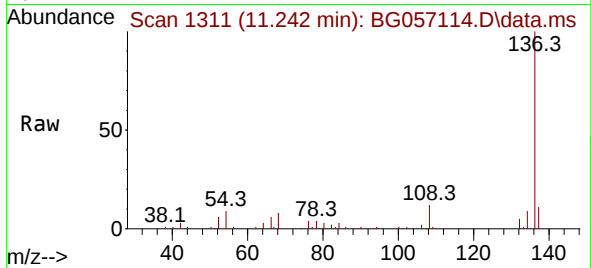




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.242 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

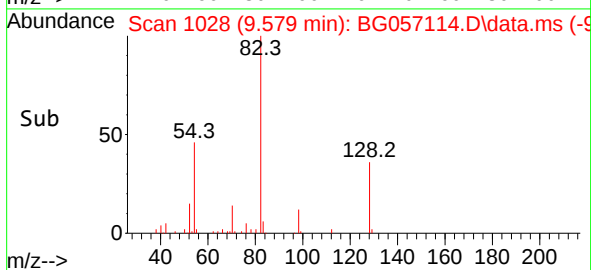
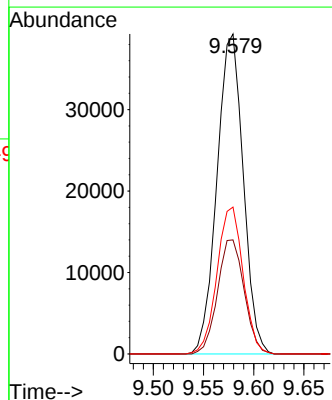
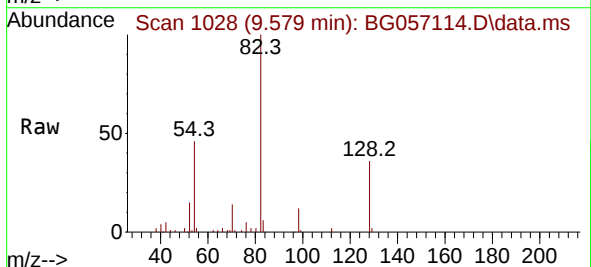
Instrument :
BNA_G
ClientSampleId :
HW-STONE-1-0414

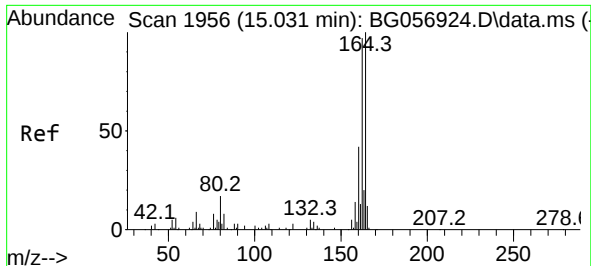
Tgt Ion:	136	Resp:	60180
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	9.2	6.9	10.3
68	7.6	3.8	5.6



#23
Nitrobenzene-d5
Concen: 48.579 ng
RT: 9.579 min Scan# 1028
Delta R.T. -0.007 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

Tgt Ion:	82	Resp:	71448
Ion Ratio	Lower	Upper	
82	100		
128	35.7	27.9	41.9
54	45.9	39.4	59.2

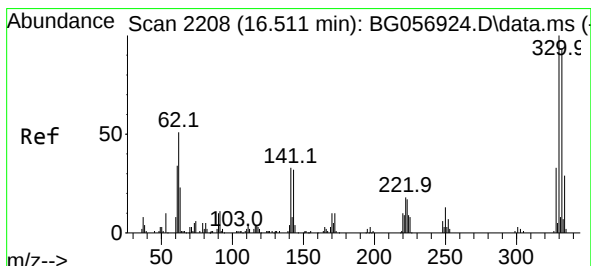
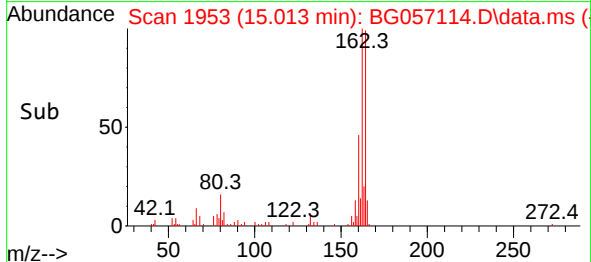
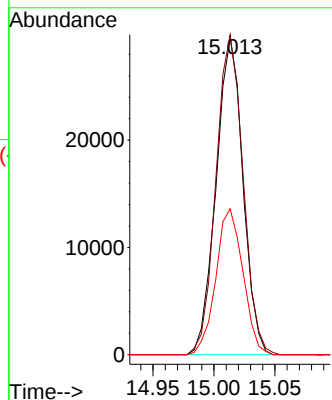
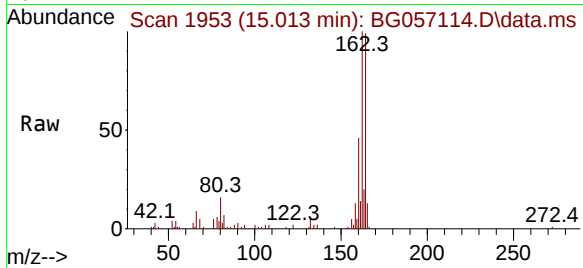




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.013 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

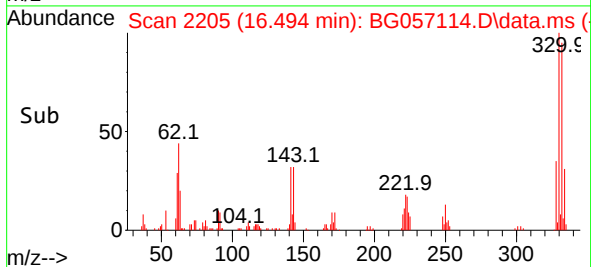
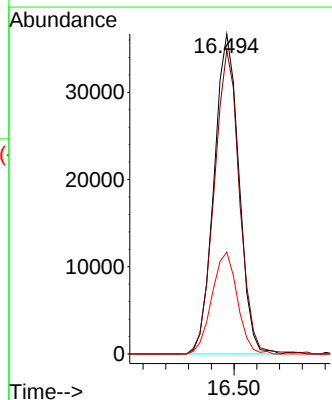
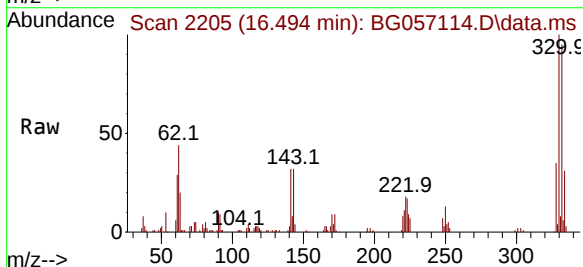
Instrument :
BNA_G
ClientSampleId :
HW-STONE-1-0414

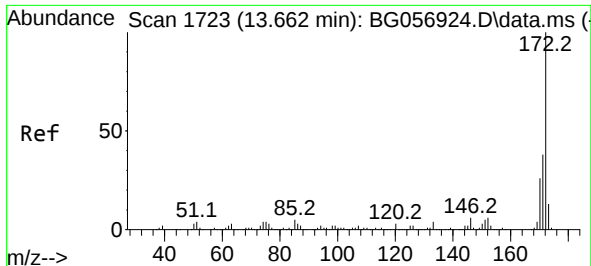
Tgt Ion:164 Resp: 45070
Ion Ratio Lower Upper
164 100
162 101.0 77.8 116.8
160 46.1 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 77.277 ng
RT: 16.494 min Scan# 2205
Delta R.T. -0.007 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

Tgt Ion:330 Resp: 55640
Ion Ratio Lower Upper
330 100
332 96.4 76.1 114.1
141 32.6 25.8 38.6

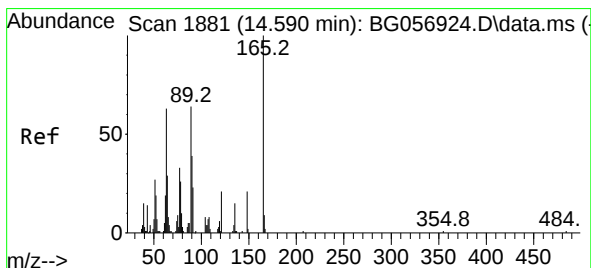
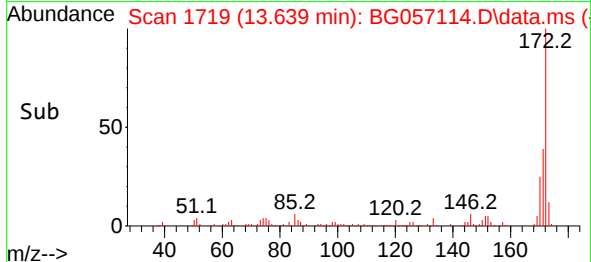
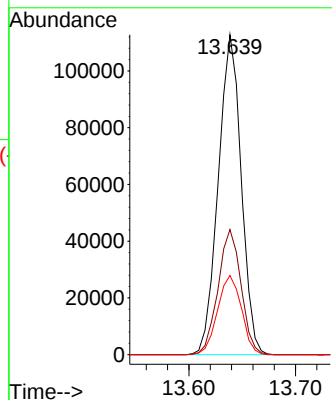
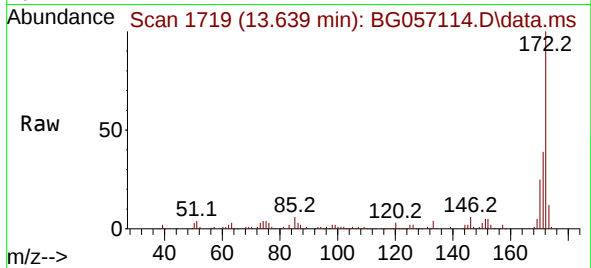




#45
2-Fluorobiphenyl
Concen: 50.638 ng
RT: 13.639 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

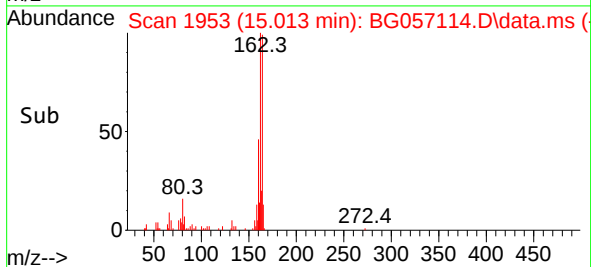
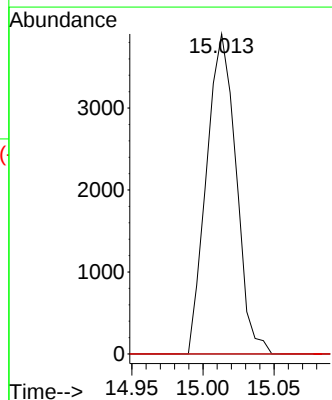
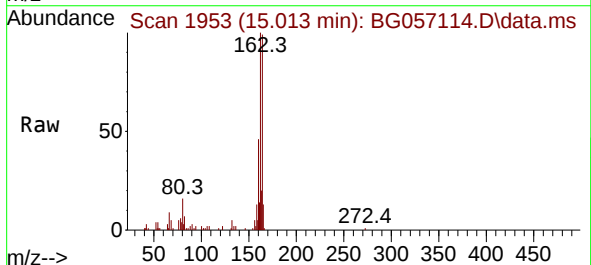
Instrument :
BNA_G
ClientSampleId :
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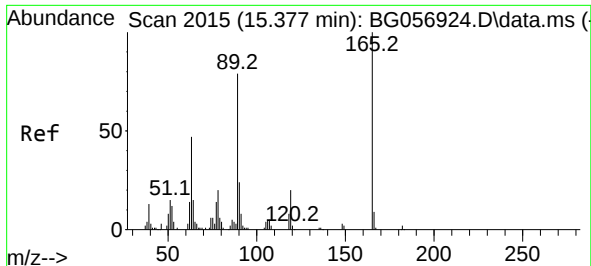
Tgt Ion:172 Resp: 168307
Ion Ratio Lower Upper
172 100
171 39.1 30.6 46.0
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.359 ng
RT: 15.013 min Scan# 1953
Delta R.T. 0.428 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

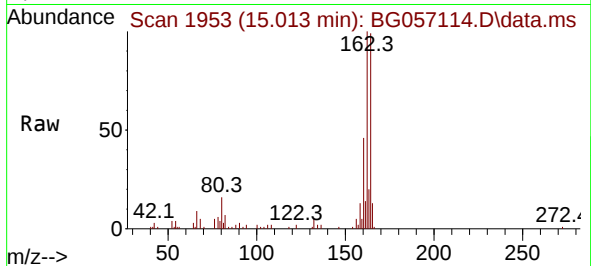
Tgt Ion:165 Resp: 5646
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#



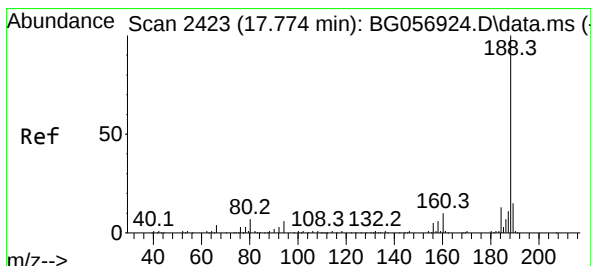
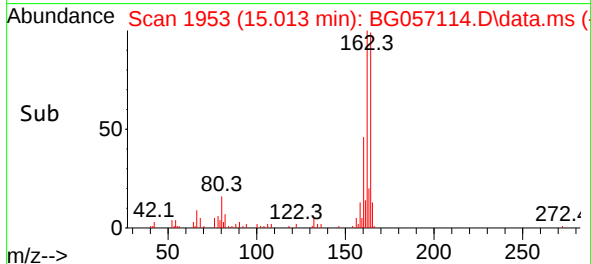
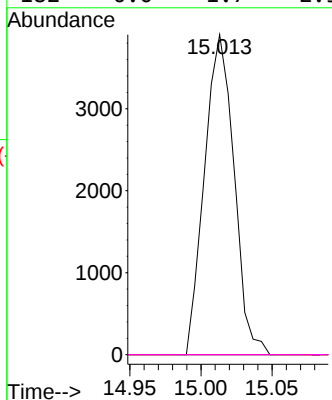


#57
2,4-Dinitrotoluene
Concen: 5.217 ng
RT: 15.013 min Scan# 1953
Delta R.T. -0.353 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

Instrument :
BNA_G
ClientSampleId :
HW-STONE-1-0414

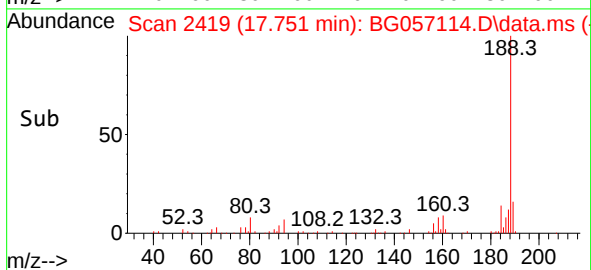
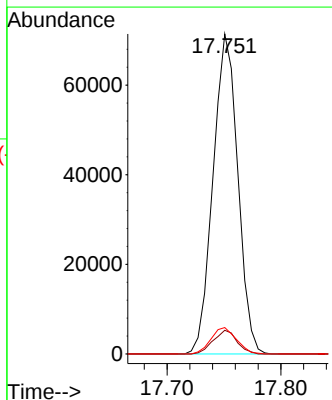
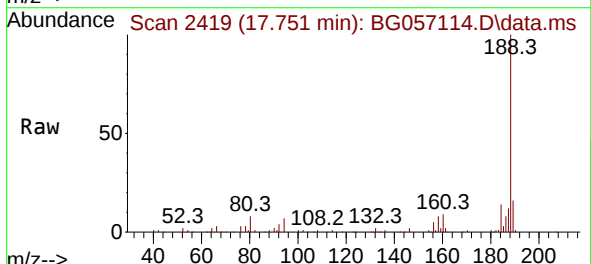


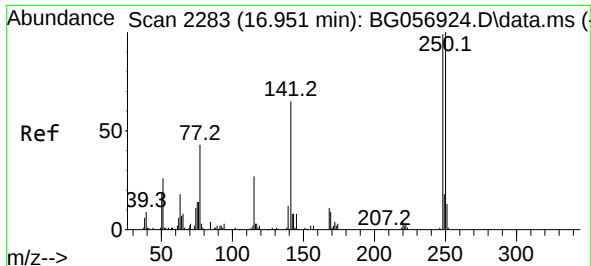
Tgt Ion:	165	Resp:	5646
Ion Ratio	Lower	Upper	
165	100		
63	0.0	37.7	56.5#
89	0.0	63.2	94.8#
182	0.0	1.7	2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.751 min Scan# 2419
Delta R.T. -0.013 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

Tgt Ion:	188	Resp:	108025
Ion Ratio	Lower	Upper	
188	100		
94	7.4	4.6	6.8#
80	8.3	5.5	8.3

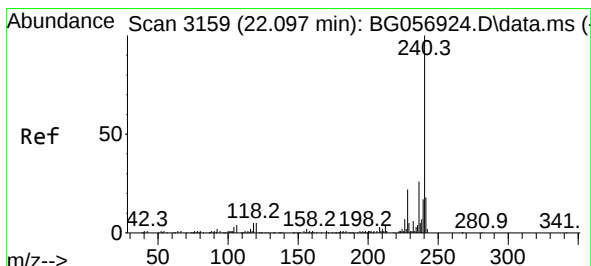
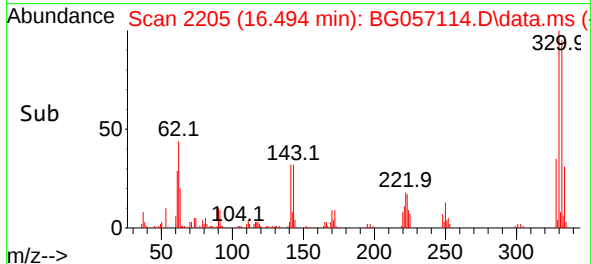
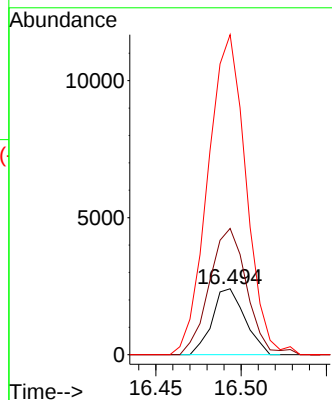
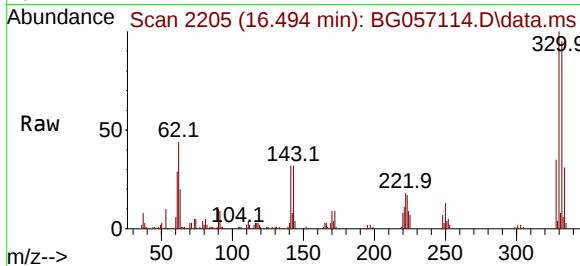




#67
4-Bromophenyl-phenylether
Concen: 2.409 ng
RT: 16.494 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

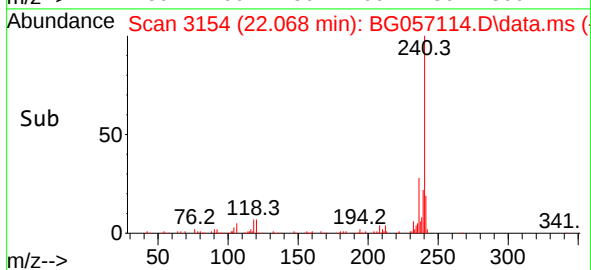
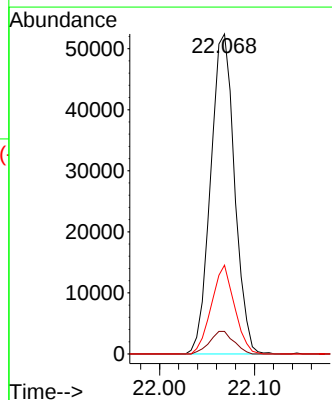
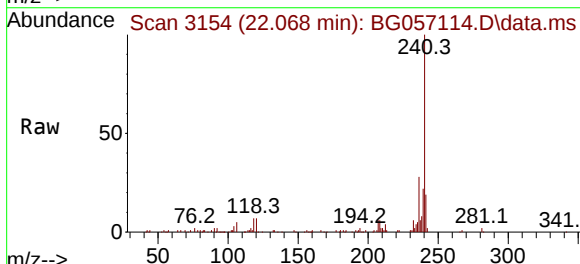
Instrument :
BNA_G
ClientSampleId :
HW-STONE-1-0414

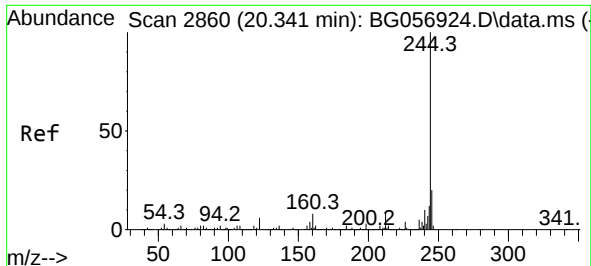
Tgt Ion:248 Resp: 3220
Ion Ratio Lower Upper
248 100
250 191.7 80.5 120.7#
141 485.7 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.068 min Scan# 3154
Delta R.T. -0.013 min
Lab File: BG057114.D
Acq: 17 Apr 2023 17:06

Tgt Ion:240 Resp: 91884
Ion Ratio Lower Upper
240 100
120 7.0 3.8 5.6#
236 27.8 21.0 31.6

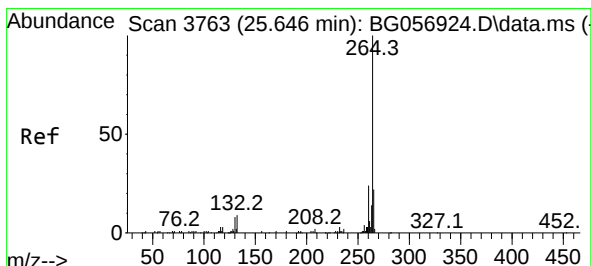
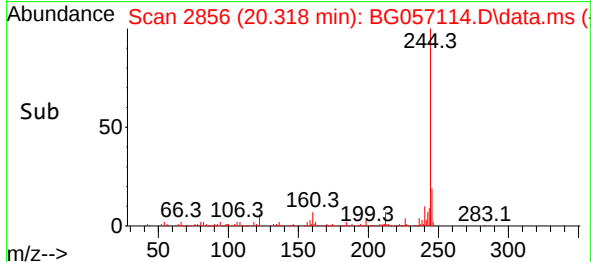
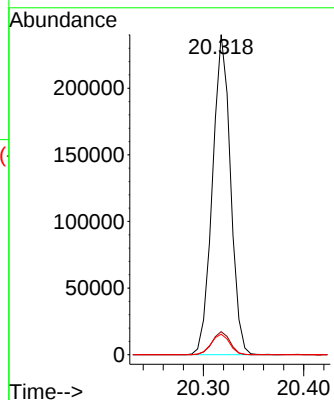
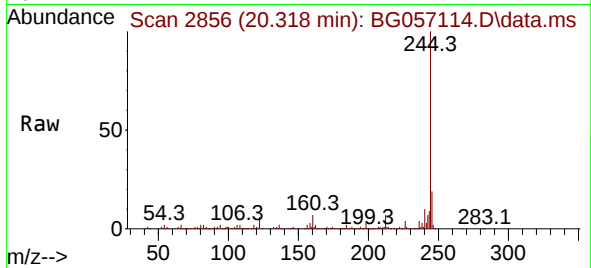




#79
 Terphenyl-d14
 Concen: 55.287 ng
 RT: 20.318 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057114.D
 Acq: 17 Apr 2023 17:06

Instrument :
 BNA_G
 ClientSampleId :
 HW-STONE-1-0414

Tgt Ion:244 Resp: 300210
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.599 min Scan# 3755
 Delta R.T. -0.013 min
 Lab File: BG057114.D
 Acq: 17 Apr 2023 17:06

Tgt Ion:264 Resp: 104170
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 22.3 17.8 26.6

