

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057642.D
 Acq On : 6 Jun 2023 18:11
 Operator : CG/JU
 Sample : PB153157BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153157BL

Quant Time: Jun 07 02:48:35 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)

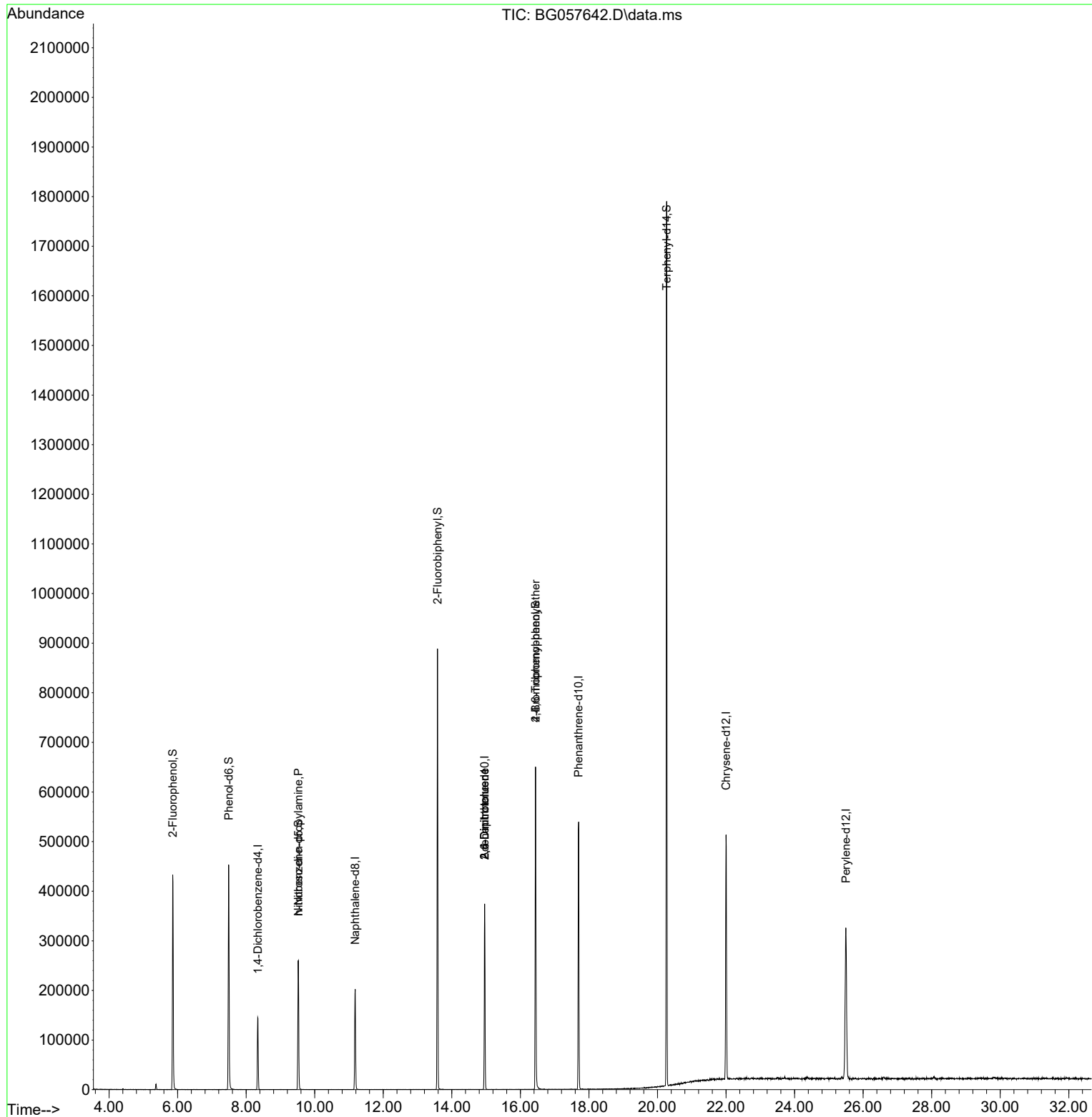
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	44250	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	183001	20.000	ng	# 0.00
39) Acenaphthene-d10	14.957	164	139295	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	363122	20.000	ng	0.00
76) Chrysene-d12	22.001	240	326434	20.000	ng	0.00
86) Perylene-d12	25.496	264	350285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	205521	80.690	ng	0.00
7) Phenol-d6	7.491	99	291400	73.104	ng	0.00
23) Nitrobenzene-d5	9.524	82	183379	46.843	ng	0.00
42) 2,4,6-Tribromophenol	16.444	330	143376	64.290	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	471221	48.616	ng	0.00
79) Terphenyl-d14	20.268	244	955753	50.717	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.524	70	24527	8.857	ng	# 74
51) 2,6-Dinitrotoluene	14.957	165	17820	7.251	ng	# 27
57) 2,4-Dinitrotoluene	14.957	165	17820	4.843	ng	# 25
67) 4-Bromophenyl-phenylether	16.444	248	9712	2.384	ng	# 1

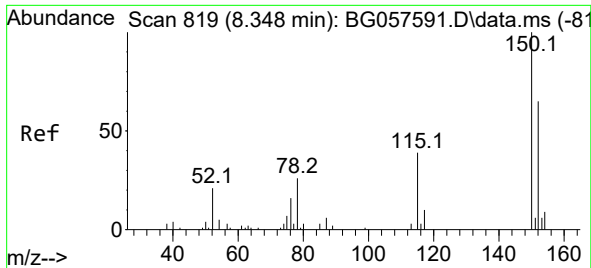
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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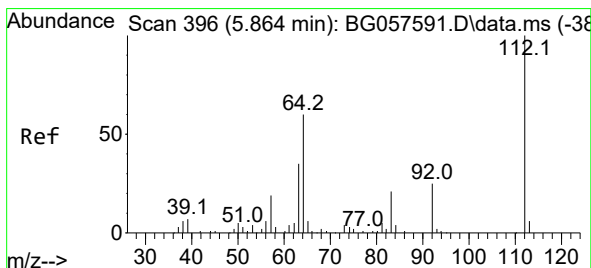
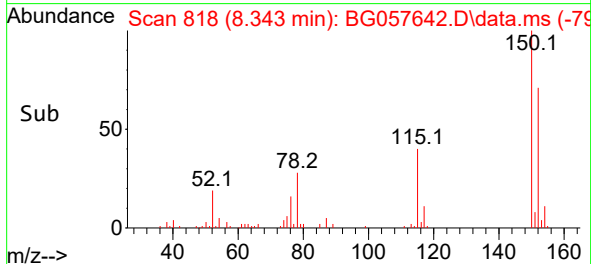
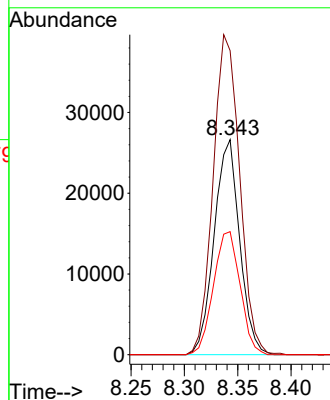
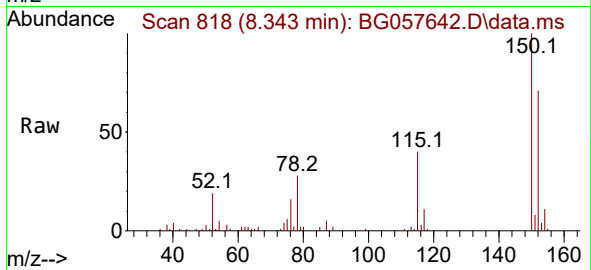




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 819
Delta R.T. 0.009 min
Lab File: BG057642.D
Acq: 6 Jun 2023 18:11

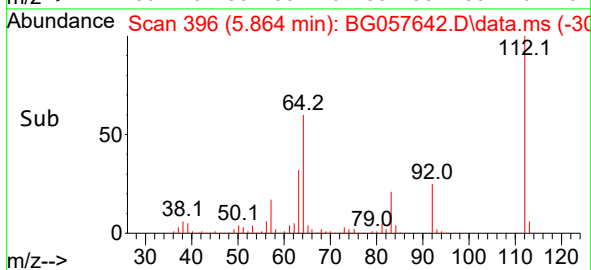
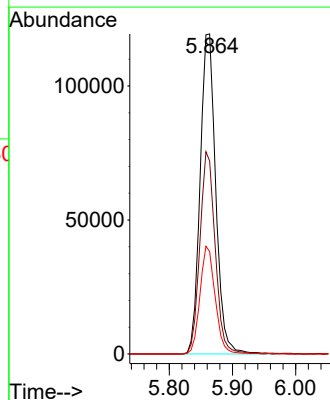
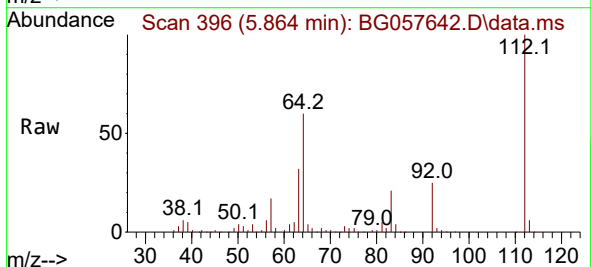
Instrument :
BNA_G
ClientSampleId :
PB153157BL

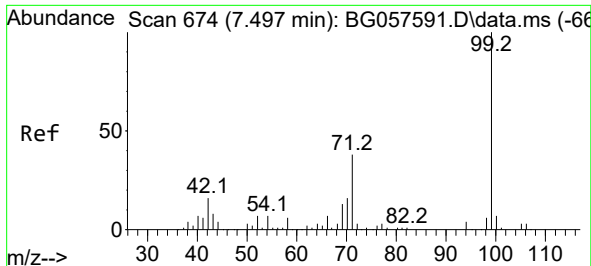
Tgt Ion:152 Resp: 44250
Ion Ratio Lower Upper
152 100
150 141.3 123.0 184.4
115 57.2 47.4 71.2



#5
2-Fluorophenol
Concen: 80.690 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG057642.D
Acq: 6 Jun 2023 18:11

Tgt Ion:112 Resp: 205521
Ion Ratio Lower Upper
112 100
64 60.3 47.8 71.6
63 32.0 27.8 41.8

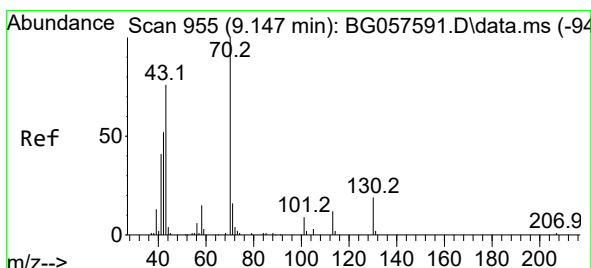
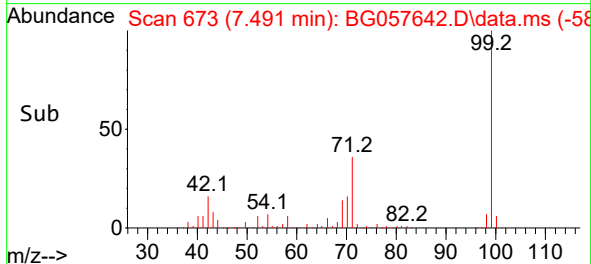
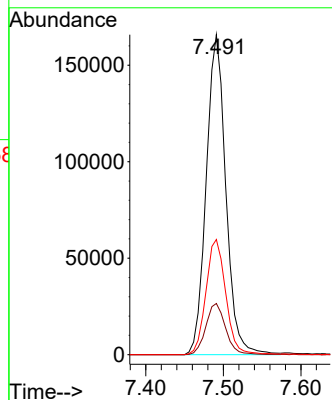
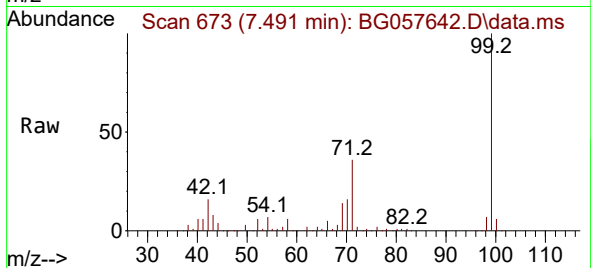




#7
Phenol-d6
Concen: 73.104 ng
RT: 7.491 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057642.D
Acq: 6 Jun 2023 18:11

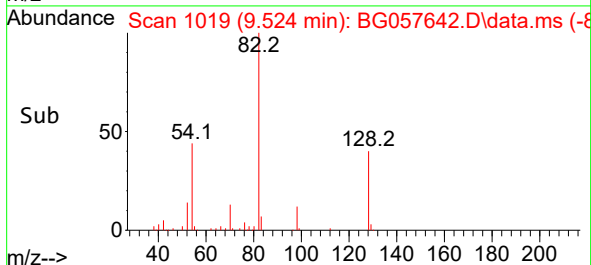
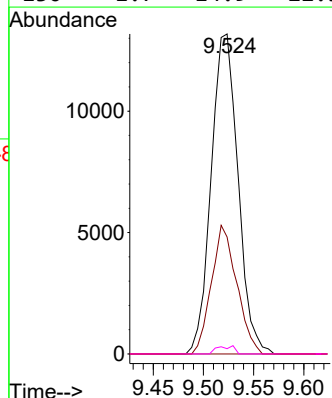
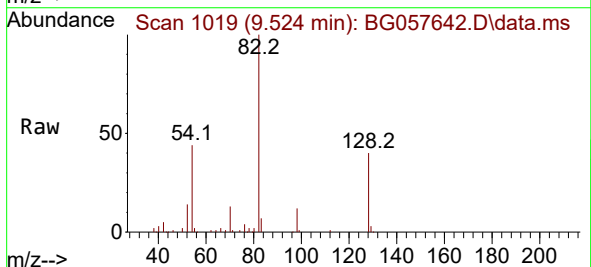
Instrument :
BNA_G
ClientSampleId :
PB153157BL

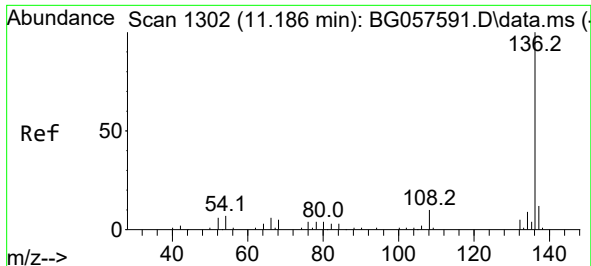
Tgt Ion: 99 Resp: 291400
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 36.0 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.857 ng
RT: 9.524 min Scan# 1019
Delta R.T. 0.385 min
Lab File: BG057642.D
Acq: 6 Jun 2023 18:11

Tgt Ion: 70 Resp: 24527
Ion Ratio Lower Upper
70 100
42 36.5 41.4 62.0#
101 0.0 6.9 10.3#
130 1.7 14.9 22.3#

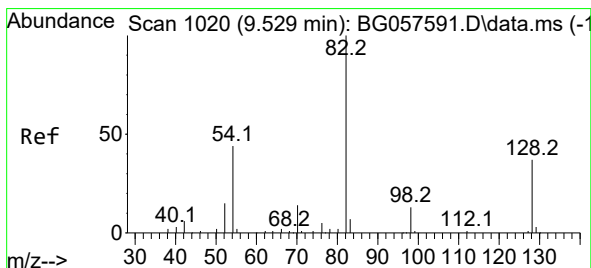
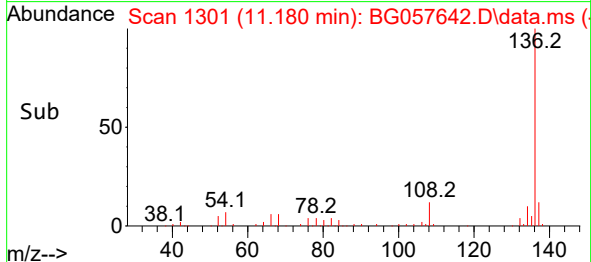
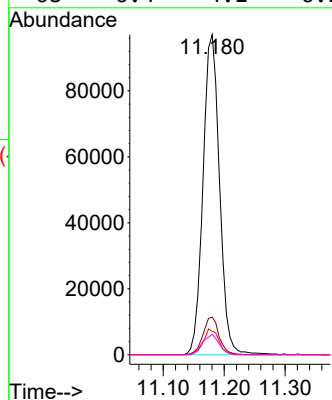
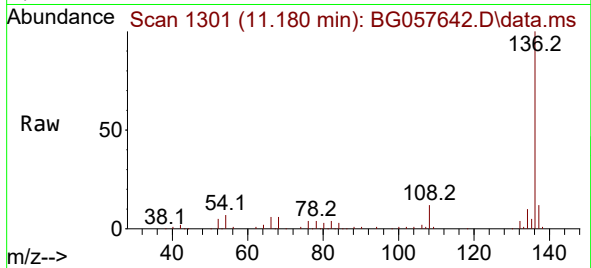




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057642.D
Acq: 6 Jun 2023 18:11

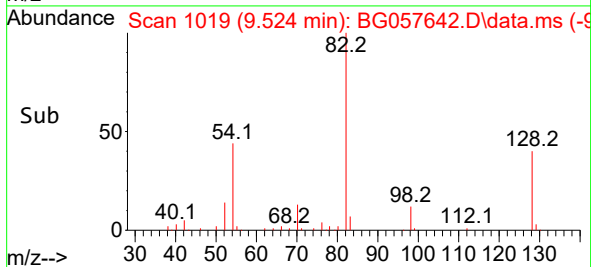
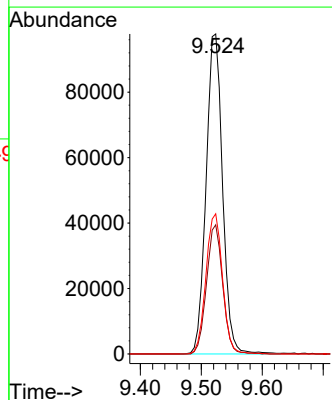
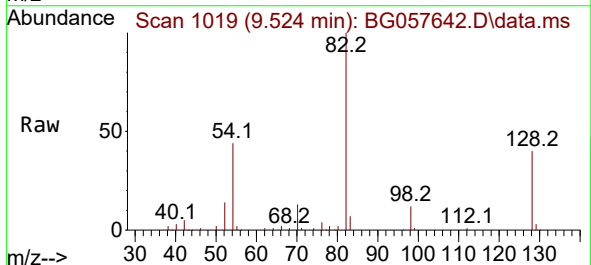
Instrument :
BNA_G
ClientSampleId :
PB153157BL

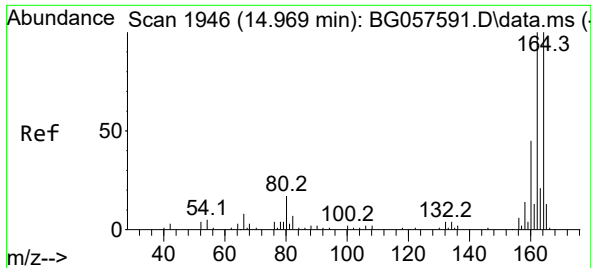
Tgt Ion:136 Resp: 183001
Ion Ratio Lower Upper
136 100
137 11.7 9.8 14.8
54 7.3 5.8 8.6
68 6.4 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 46.843 ng
RT: 9.524 min Scan# 1019
Delta R.T. 0.003 min
Lab File: BG057642.D
Acq: 6 Jun 2023 18:11

Tgt Ion: 82 Resp: 183379
Ion Ratio Lower Upper
82 100
128 40.4 30.0 45.0
54 43.8 35.2 52.8

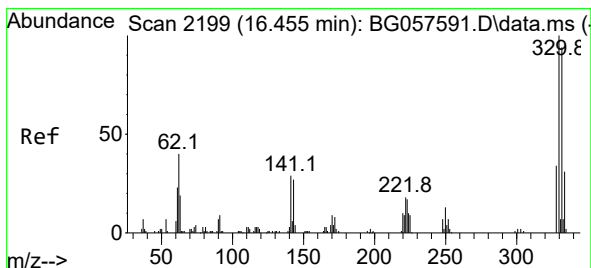
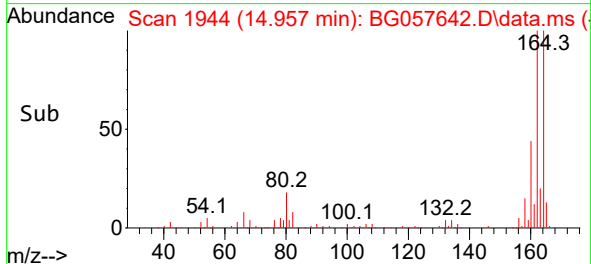
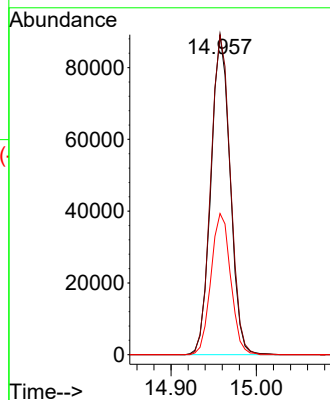
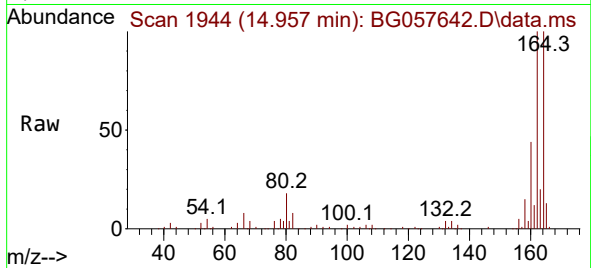




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.957 min Scan# 1944
Delta R.T. -0.003 min
Lab File: BG057642.D
Acq: 6 Jun 2023 18:11

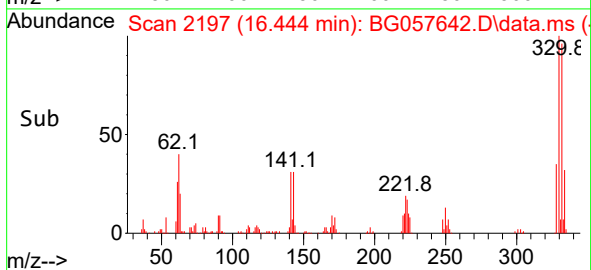
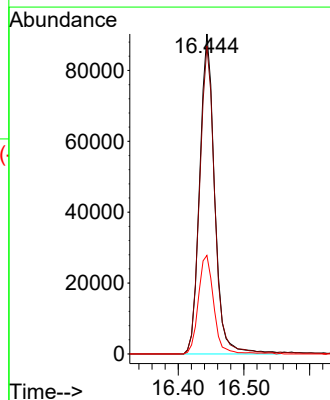
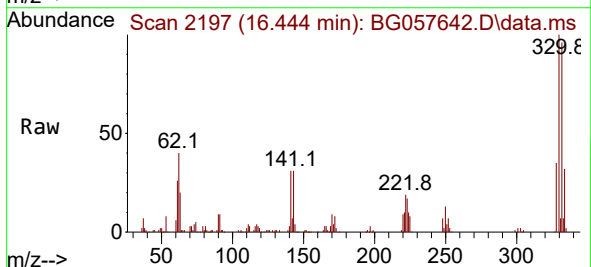
Instrument :
BNA_G
ClientSampleId :
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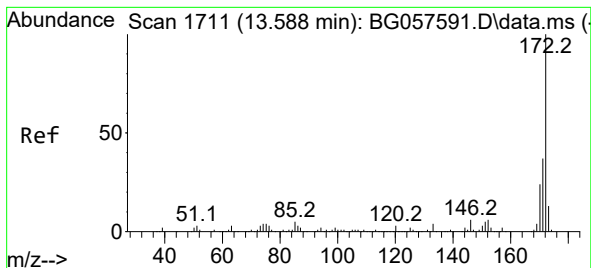
Tgt Ion:164 Resp: 139295
Ion Ratio Lower Upper
164 100
162 99.9 80.1 120.1
160 44.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 64.290 ng
RT: 16.444 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG057642.D
Acq: 6 Jun 2023 18:11

Tgt Ion:330 Resp: 143376
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 31.7 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 48.616 ng

RT: 13.583 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057642.D

Acq: 6 Jun 2023 18:11

Instrument :

BNA_G

ClientSampleId :

PB153157BL

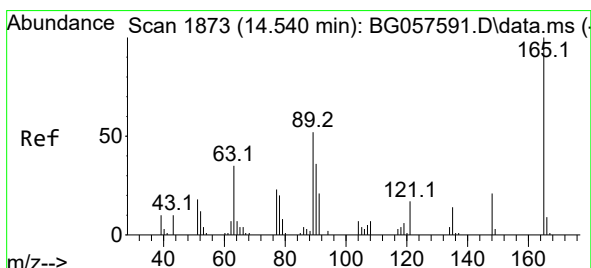
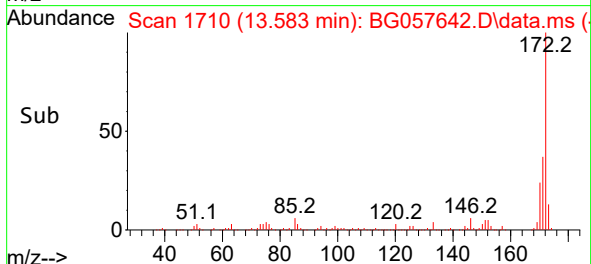
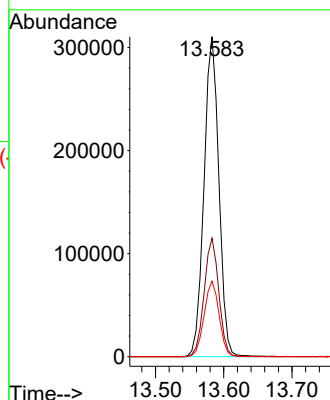
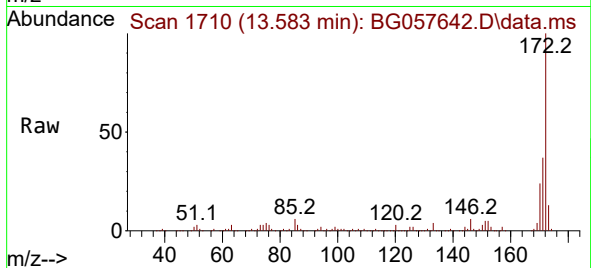
Tgt Ion:172 Resp: 471221

Ion Ratio Lower Upper

172 100

171 37.0 29.2 43.8

170 23.6 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.251 ng

RT: 14.957 min Scan# 1944

Delta R.T. 0.426 min

Lab File: BG057642.D

Acq: 6 Jun 2023 18:11

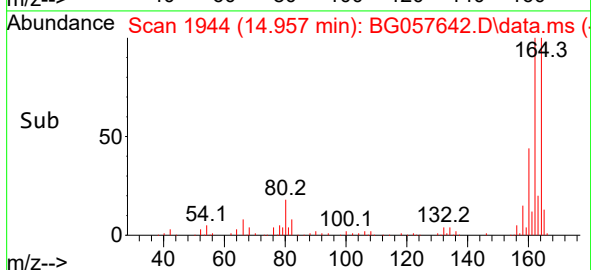
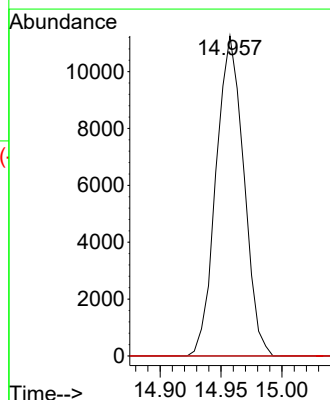
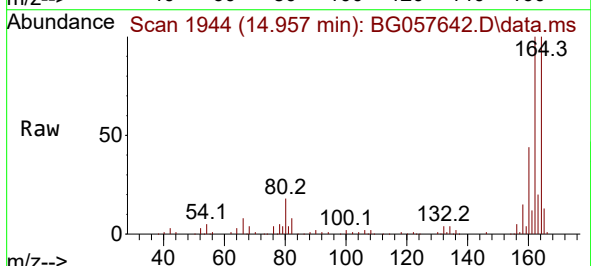
Tgt Ion:165 Resp: 17820

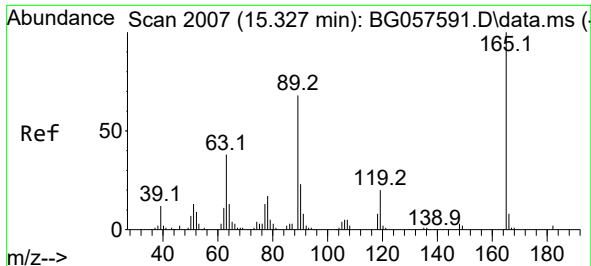
Ion Ratio Lower Upper

165 100

63 0.0 39.3 58.9#

89 0.0 41.5 62.3#





#57

2,4-Dinitrotoluene

Concen: 4.843 ng

RT: 14.957 min Scan# 1944

Delta R.T. -0.367 min

Lab File: BG057642.D

Acq: 6 Jun 2023 18:11

Instrument :

BNA_G

ClientSampleId :

PB153157BL

Tgt Ion:165 Resp: 17820

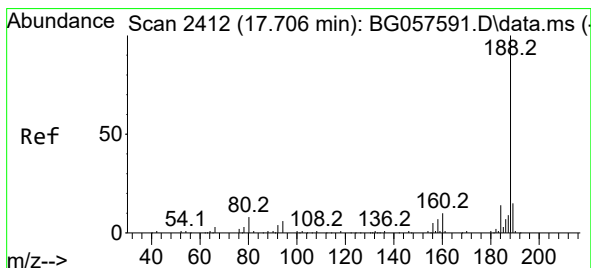
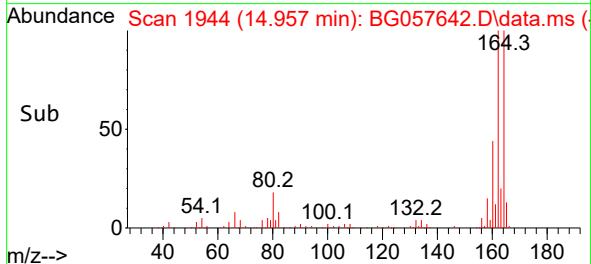
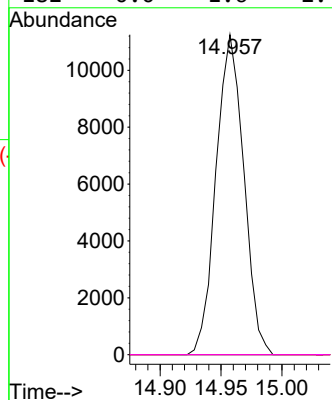
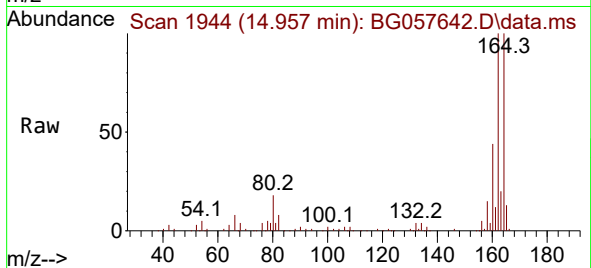
Ion Ratio Lower Upper

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: 17.701 min Scan# 2411

Delta R.T. 0.003 min

Lab File: BG057642.D

Acq: 6 Jun 2023 18:11

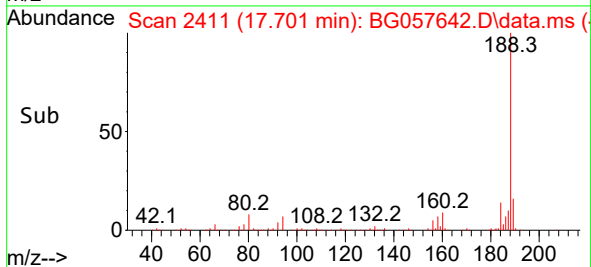
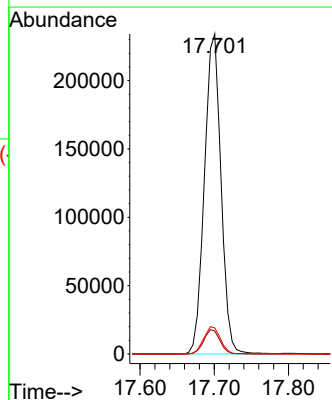
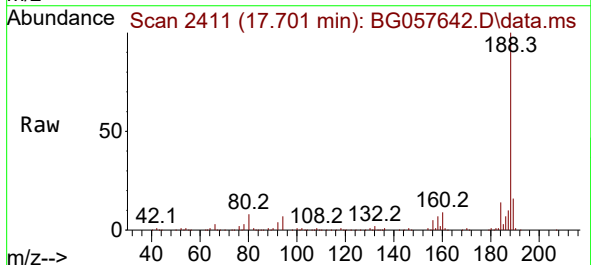
Tgt Ion:188 Resp: 363122

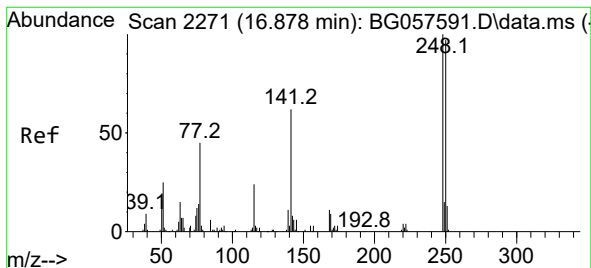
Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

80 8.2 6.7 10.1

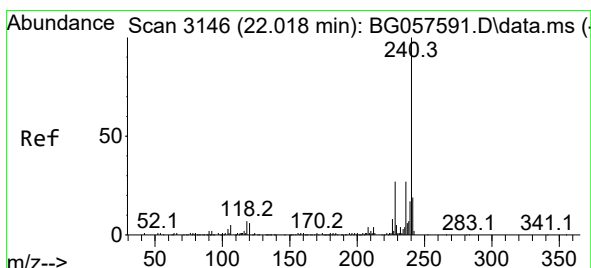
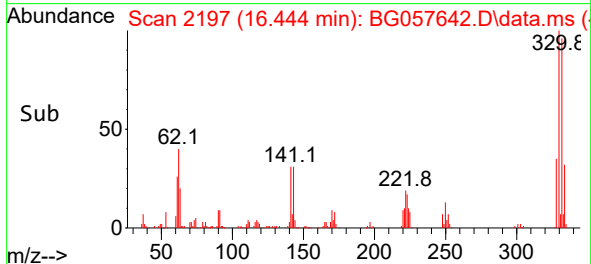
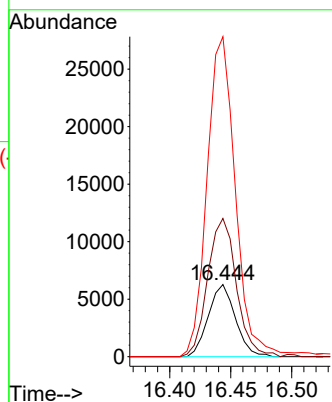
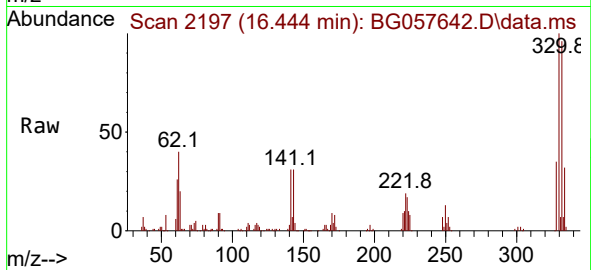




#67
4-Bromophenyl-phenylether
Concen: 2.384 ng
RT: 16.444 min Scan# 2197
Delta R.T. -0.426 min
Lab File: BG057642.D
Acq: 6 Jun 2023 18:11

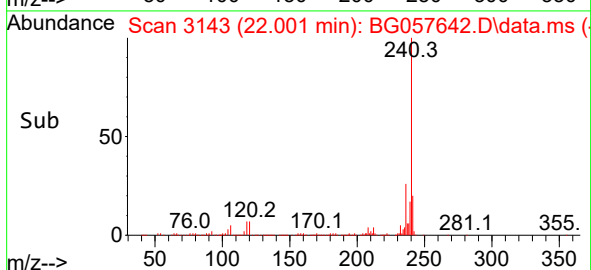
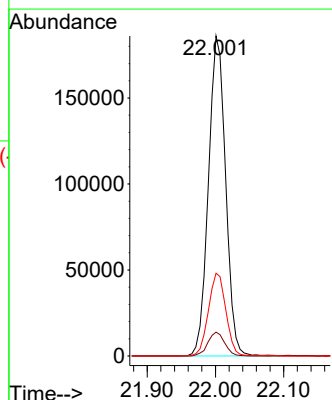
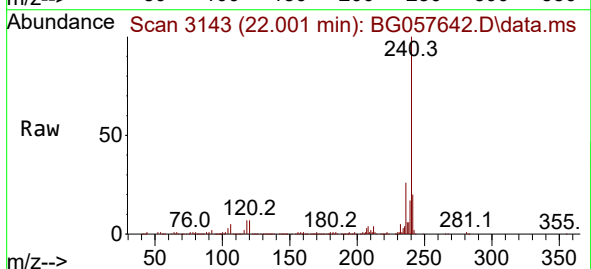
Instrument :
BNA_G
ClientSampleId :
PB153157BL

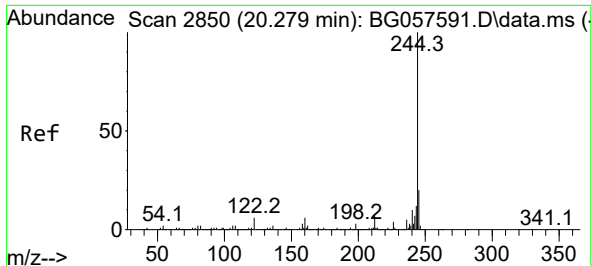
Tgt Ion:248 Resp: 9712
Ion Ratio Lower Upper
248 100
250 191.6 77.4 116.2#
141 443.6 49.4 74.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BG057642.D
Acq: 6 Jun 2023 18:11

Tgt Ion:240 Resp: 326434
Ion Ratio Lower Upper
240 100
120 7.4 5.2 7.8
236 25.9 21.4 32.0

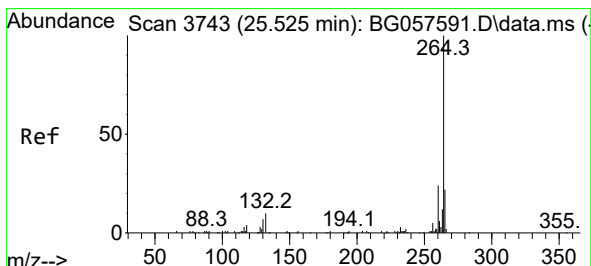
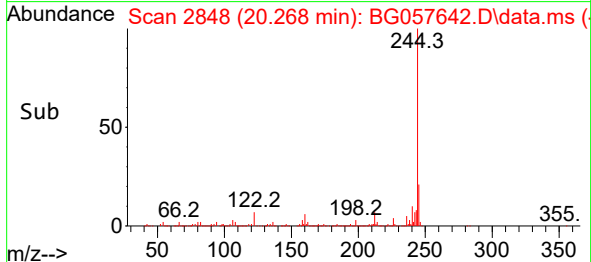
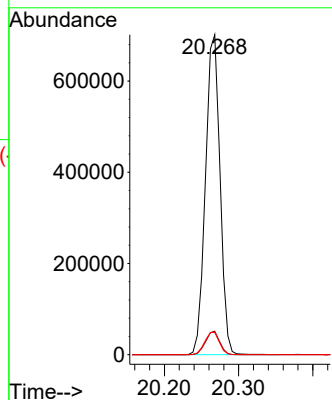
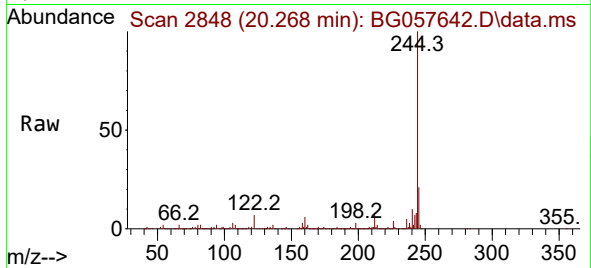




#79
 Terphenyl-d14
 Concen: 50.717 ng
 RT: 20.268 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057642.D
 Acq: 6 Jun 2023 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB153157BL

Tgt Ion:244 Resp: 955753
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 7.0 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.496 min Scan# 3738
 Delta R.T. -0.003 min
 Lab File: BG057642.D
 Acq: 6 Jun 2023 18:11

Tgt Ion:264 Resp: 350285
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.1 17.7 26.5

