

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
 Data File : BG057606.D
 Acq On : 30 May 2023 14:31
 Operator : CG/JU
 Sample : PB153095BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153078BL

Quant Time: May 31 03:28:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 03:25:39 2023
 Response via : Initial Calibration

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

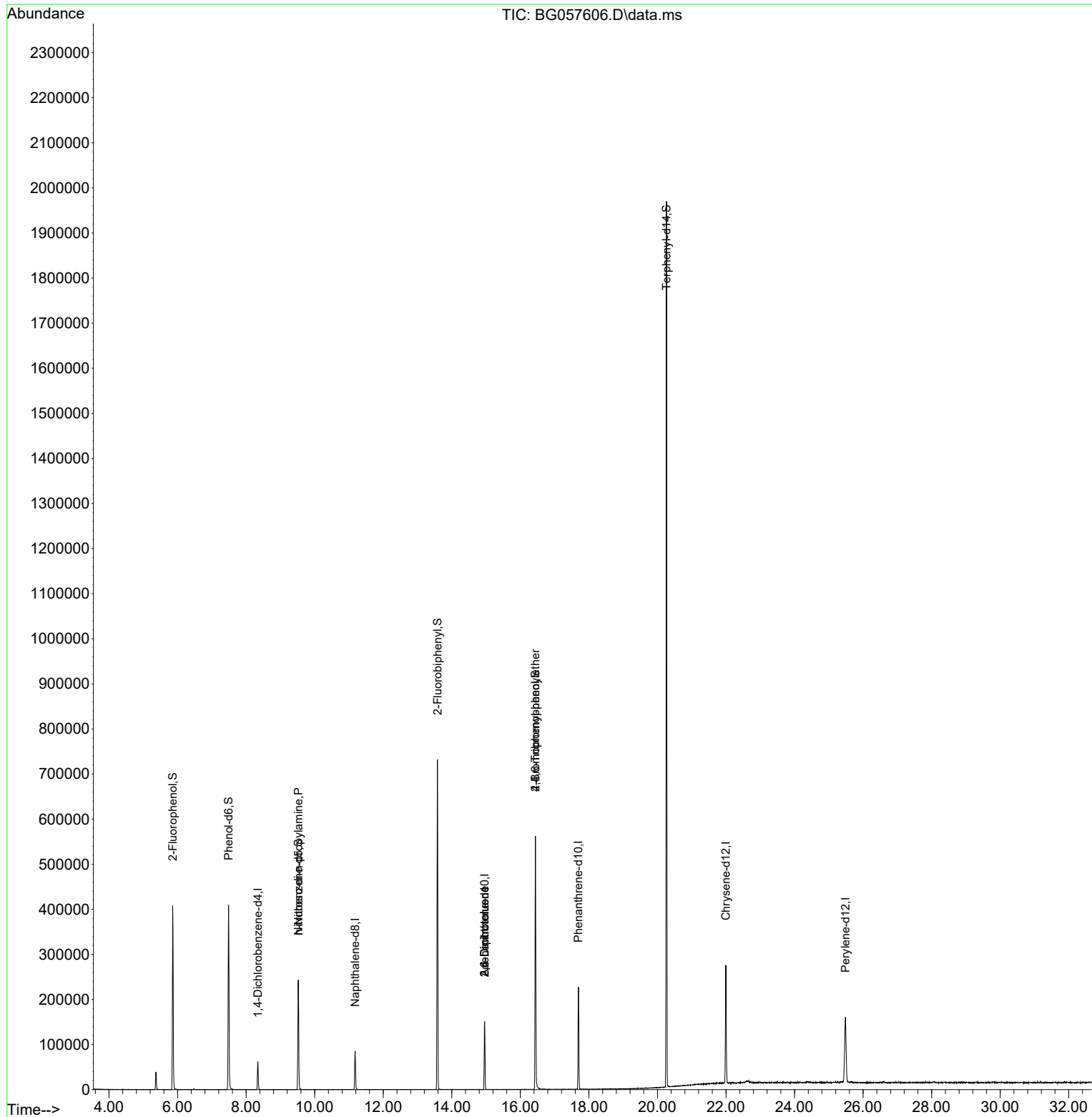
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	18850	20.000	ng	0.00
21) Naphthalene-d8	11.181	136	76781	20.000	ng	# 0.00
39) Acenaphthene-d10	14.958	164	57333	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	154082	20.000	ng	0.00
76) Chrysene-d12	21.995	240	170447	20.000	ng	0.00
86) Perylene-d12	25.485	264	180459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	184657	170.189	ng	0.00
7) Phenol-d6	7.486	99	264564	155.806	ng	0.00
23) Nitrobenzene-d5	9.524	82	164979	100.443	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	119674	130.376	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	408750	102.458	ng	0.00
79) Terphenyl-d14	20.262	244	1007951	102.436	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.524	70	21124	17.906	ng	# 80
51) 2,6-Dinitrotoluene	14.958	165	7196	7.114	ng	# 27
57) 2,4-Dinitrotoluene	14.958	165	7196	4.751	ng	# 25
67) 4-Bromophenyl-phenylether	16.438	248	8337	4.824	ng	# 1

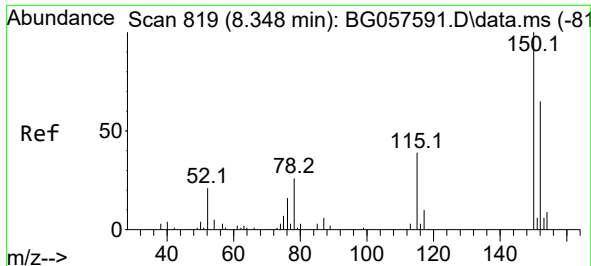
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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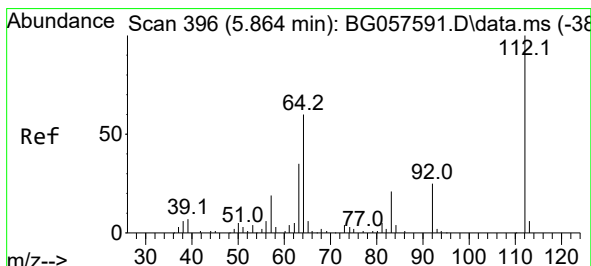
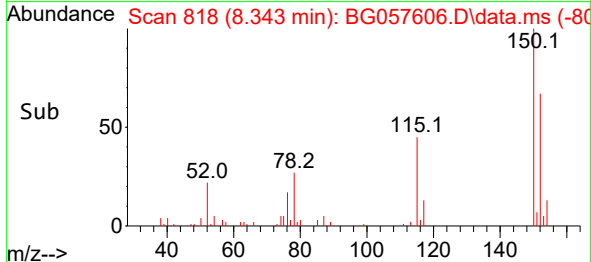
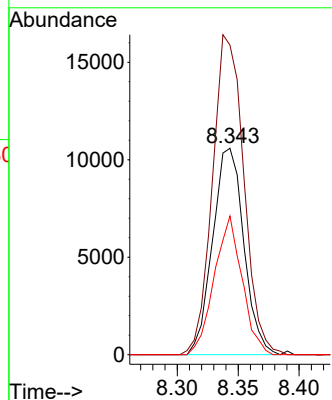
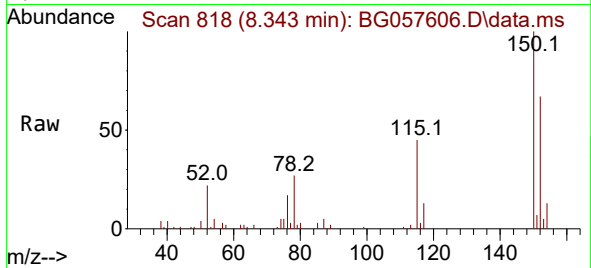




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 819
Delta R.T. -0.001 min
Lab File: BG057606.D
Acq: 30 May 2023 14:31

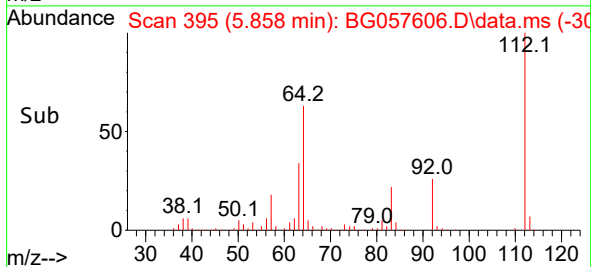
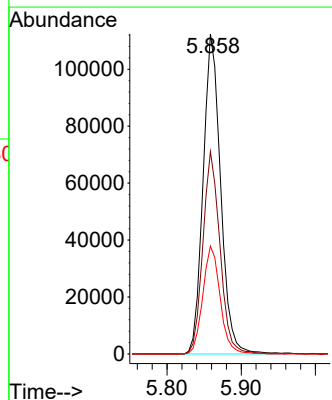
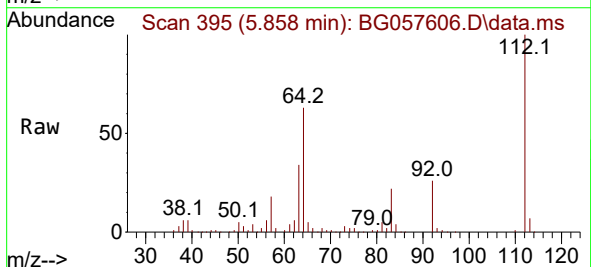
Instrument :
BNA_G
ClientSampleId :
PB153078BL

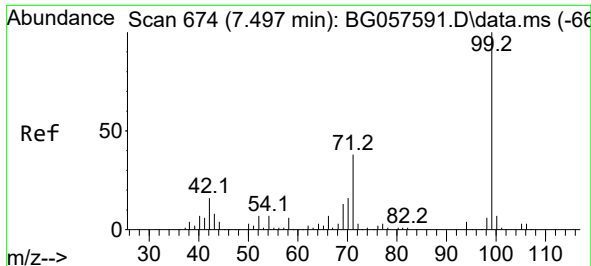
Tgt Ion:152 Resp: 18850
Ion Ratio Lower Upper
152 100
150 149.9 123.0 184.4
115 67.2 47.4 71.2



#5
2-Fluorophenol
Concen: 170.189 ng
RT: 5.858 min Scan# 395
Delta R.T. -0.000 min
Lab File: BG057606.D
Acq: 30 May 2023 14:31

Tgt Ion:112 Resp: 184657
Ion Ratio Lower Upper
112 100
64 63.2 47.8 71.6
63 33.7 27.8 41.8

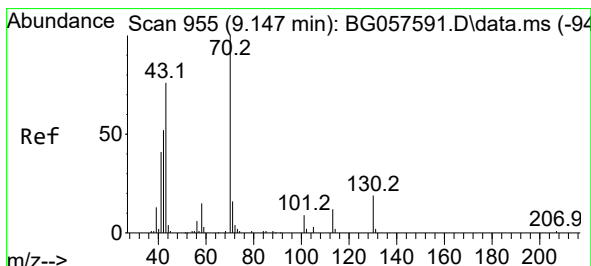
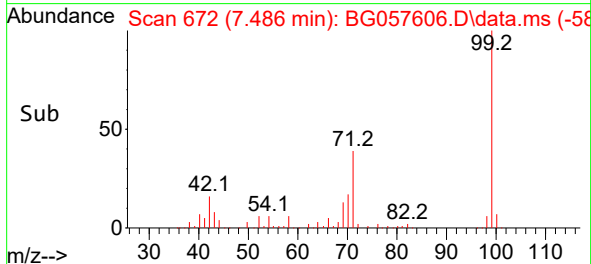
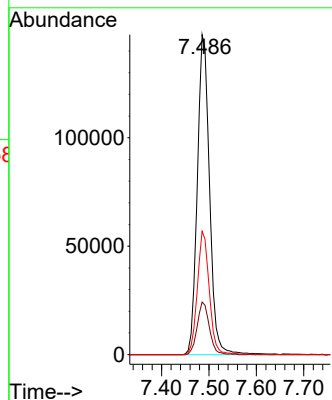
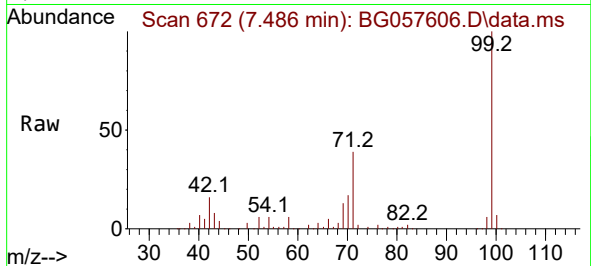




#7
Phenol-d6
Concen: 155.806 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057606.D
Acq: 30 May 2023 14:31

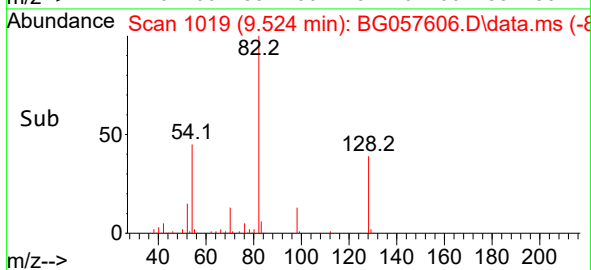
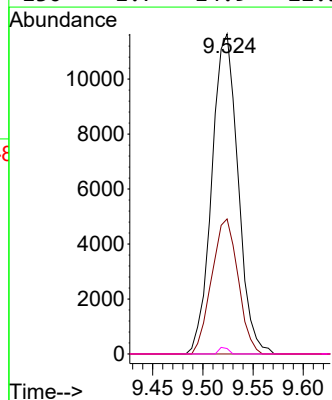
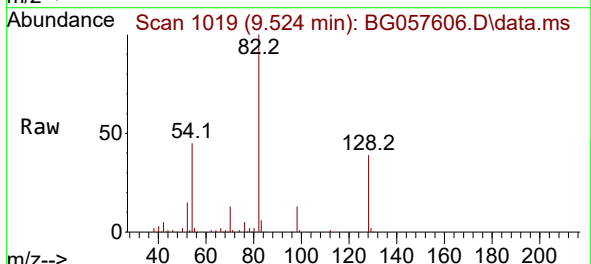
Instrument :
BNA_G
ClientSampleId :
PB153078BL

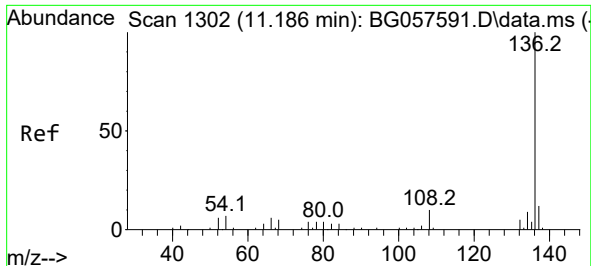
Tgt Ion: 99 Resp: 264564
Ion Ratio Lower Upper
99 100
42 16.4 12.8 19.2
71 38.6 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.906 ng
RT: 9.524 min Scan# 1019
Delta R.T. 0.381 min
Lab File: BG057606.D
Acq: 30 May 2023 14:31

Tgt Ion: 70 Resp: 21124
Ion Ratio Lower Upper
70 100
42 42.2 41.4 62.0
101 0.0 6.9 10.3#
130 1.7 14.9 22.3#

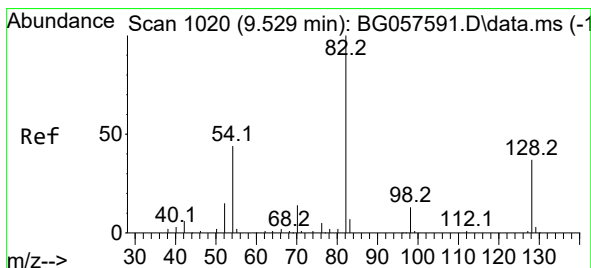
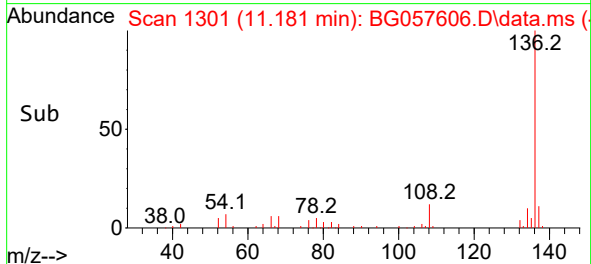
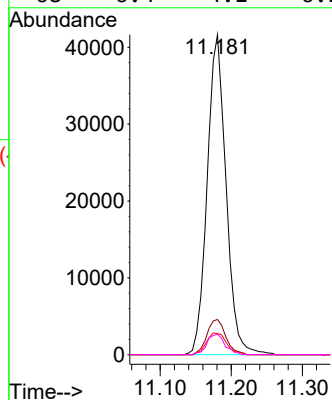
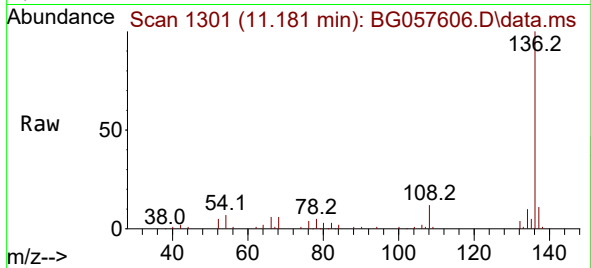




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.181 min Scan# 111
Delta R.T. 0.005 min
Lab File: BG057606.D
Acq: 30 May 2023 14:31

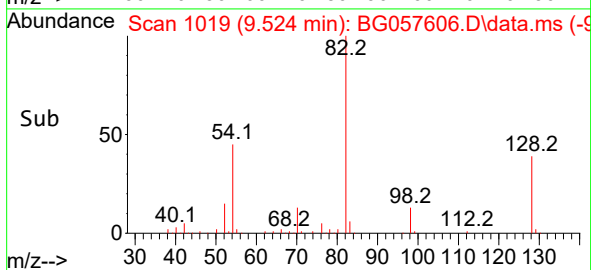
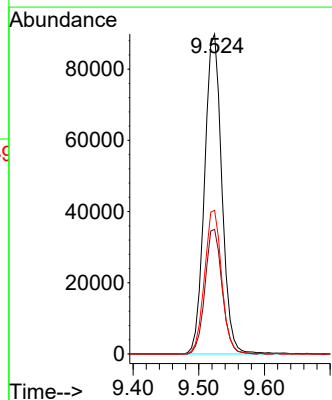
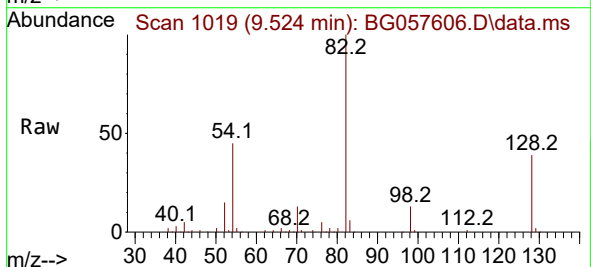
Instrument :
BNA_G
ClientSampleId :
PB153078BL

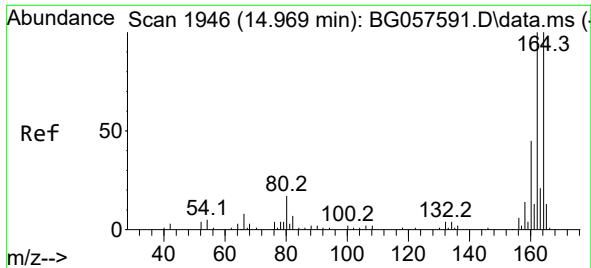
Tgt Ion:136 Resp: 76781
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 6.6 5.8 8.6
68 6.4 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 100.443 ng
RT: 9.524 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BG057606.D
Acq: 30 May 2023 14:31

Tgt Ion: 82 Resp: 164979
Ion Ratio Lower Upper
82 100
128 38.9 30.0 45.0
54 44.9 35.2 52.8

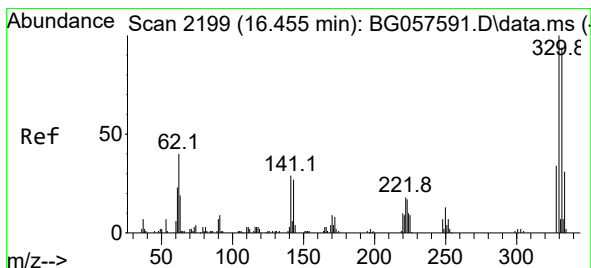
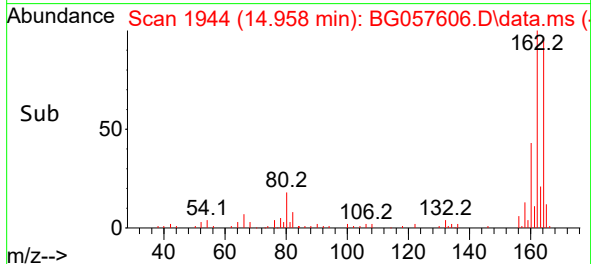
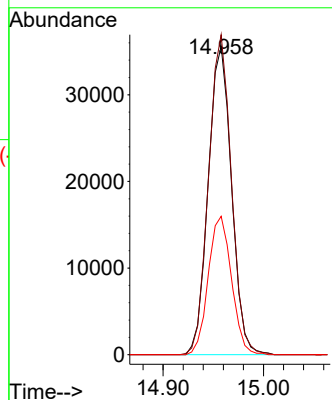
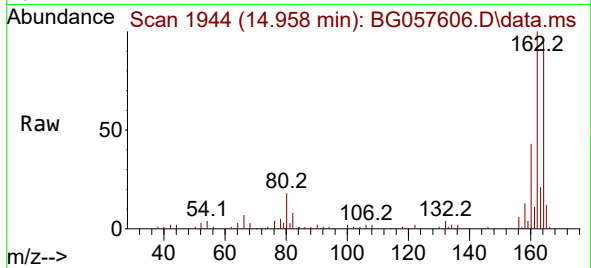




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.958 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BG057606.D
Acq: 30 May 2023 14:31

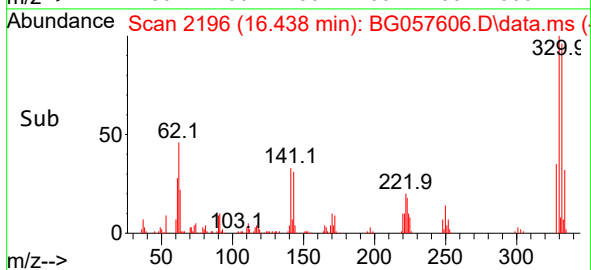
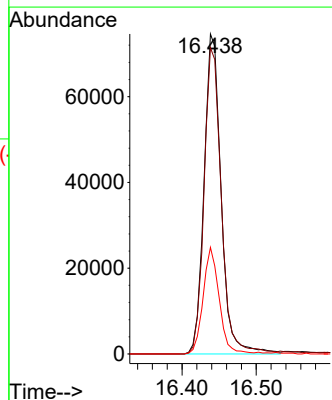
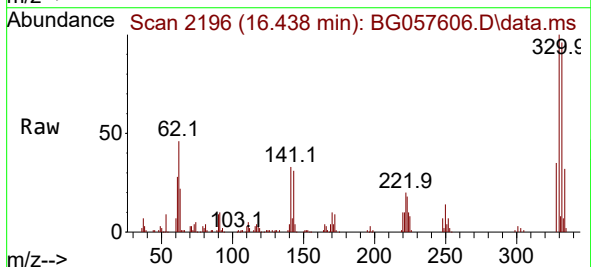
Instrument :
BNA_G
ClientSampleId :
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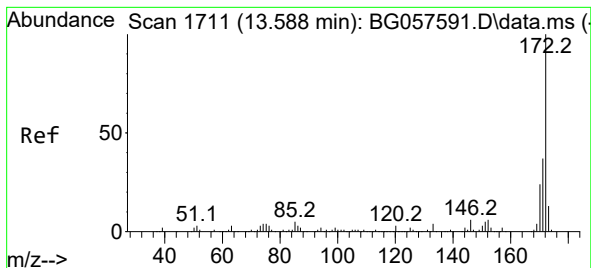
Tgt Ion:164 Resp: 57333
Ion Ratio Lower Upper
164 100
162 103.8 80.1 120.1
160 44.9 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 130.376 ng
RT: 16.438 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BG057606.D
Acq: 30 May 2023 14:31

Tgt Ion:330 Resp: 119674
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 31.2 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 102.458 ng

RT: 13.583 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG057606.D

Acq: 30 May 2023 14:31

Instrument :

BNA_G

ClientSampleId :

PB153078BL

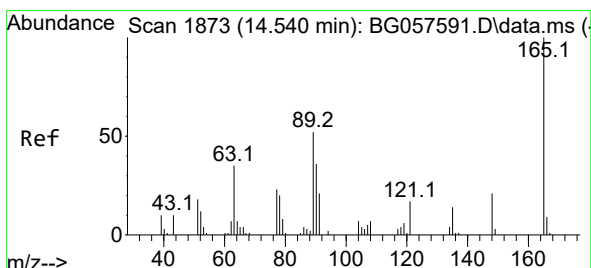
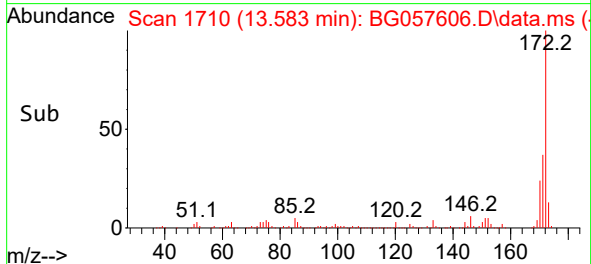
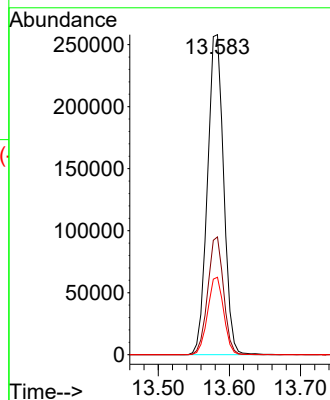
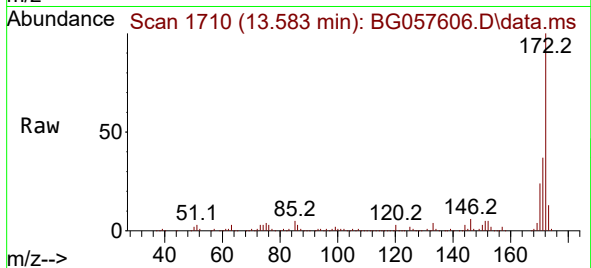
Tgt Ion:172 Resp: 408750

Ion Ratio Lower Upper

172 100

171 36.8 29.2 43.8

170 24.2 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.114 ng

RT: 14.958 min Scan# 1944

Delta R.T. 0.428 min

Lab File: BG057606.D

Acq: 30 May 2023 14:31

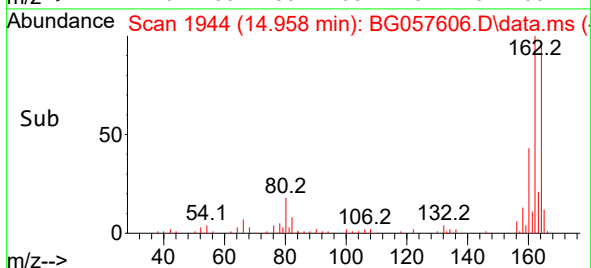
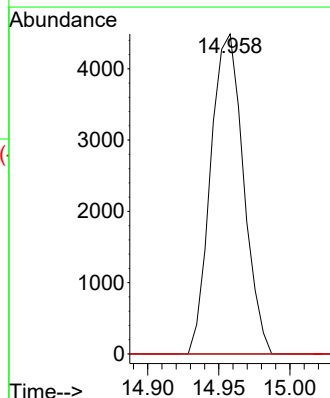
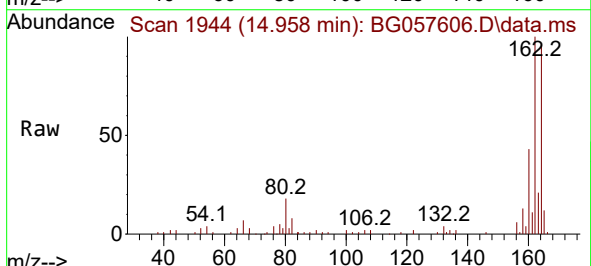
Tgt Ion:165 Resp: 7196

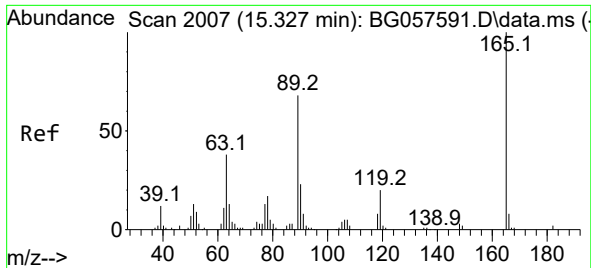
Ion Ratio Lower Upper

165 100

63 0.0 39.3 58.9#

89 0.0 41.5 62.3#





#57

2,4-Dinitrotoluene

Concen: 4.751 ng

RT: 14.958 min Scan# 1944

Delta R.T. -0.365 min

Lab File: BG057606.D

Acq: 30 May 2023 14:31

Instrument :

BNA_G

ClientSampleId :

PB153078BL

Tgt Ion:165 Resp: 7196

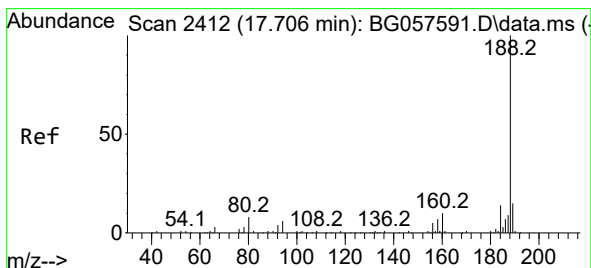
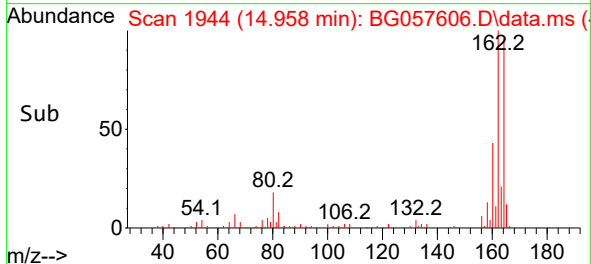
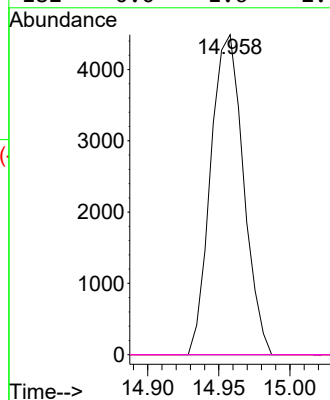
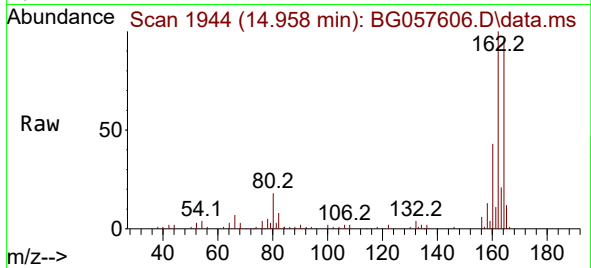
Ion Ratio Lower Upper

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. -0.000 min

Lab File: BG057606.D

Acq: 30 May 2023 14:31

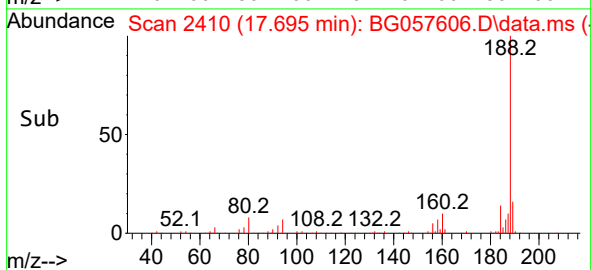
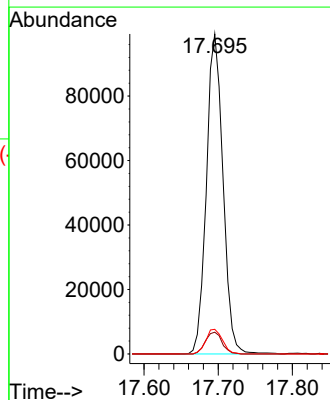
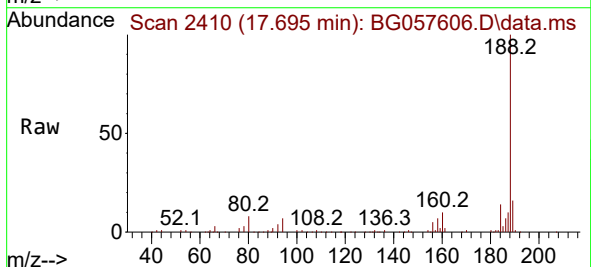
Tgt Ion:188 Resp: 154082

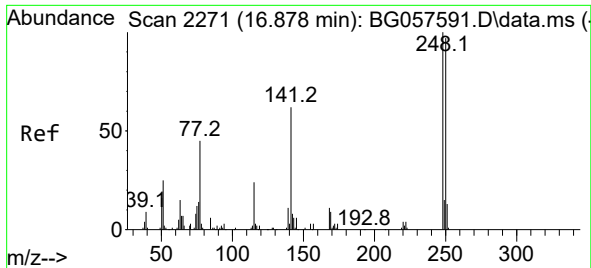
Ion Ratio Lower Upper

188 100

94 6.8 5.2 7.8

80 7.7 6.7 10.1

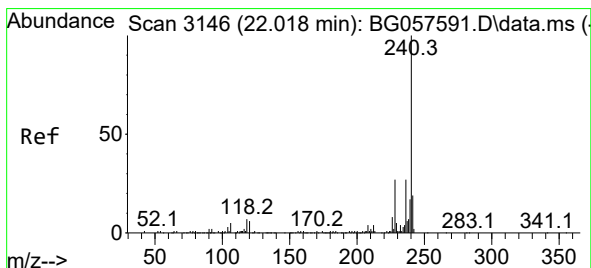
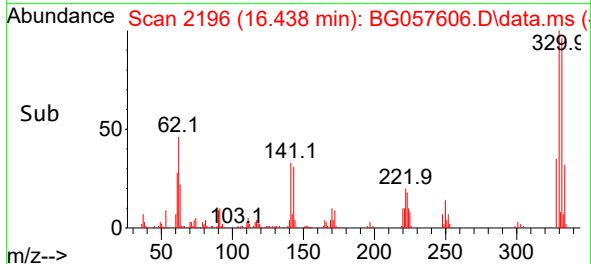
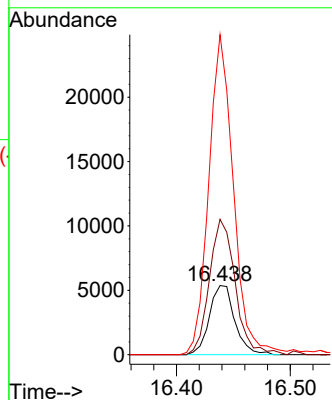
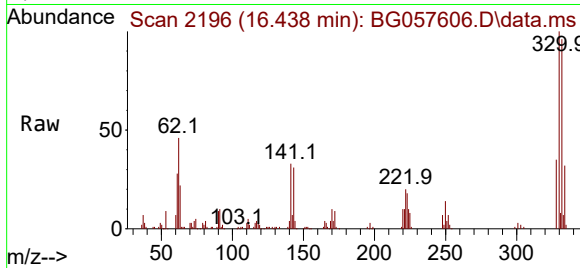




#67
4-Bromophenyl-phenylether
Concen: 4.824 ng
RT: 16.438 min Scan# 2196
Delta R.T. -0.435 min
Lab File: BG057606.D
Acq: 30 May 2023 14:31

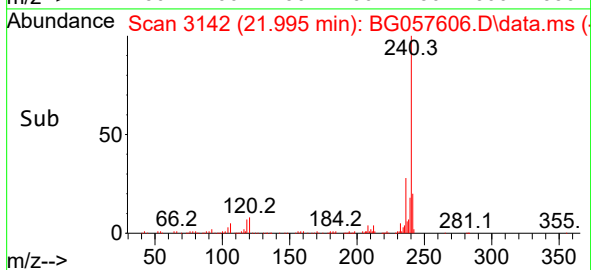
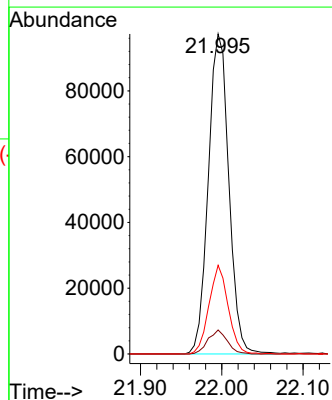
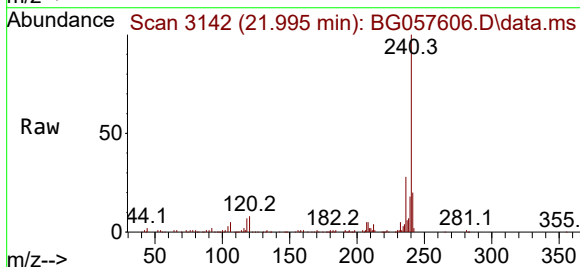
Instrument :
BNA_G
ClientSampleId :
PB153078BL

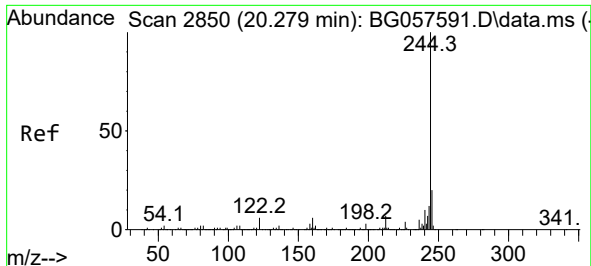
Tgt Ion:248 Resp: 8337
Ion Ratio Lower Upper
248 100
250 196.0 77.4 116.2#
141 463.5 49.4 74.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.995 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BG057606.D
Acq: 30 May 2023 14:31

Tgt Ion:240 Resp: 170447
Ion Ratio Lower Upper
240 100
120 7.5 5.2 7.8
236 27.7 21.4 32.0

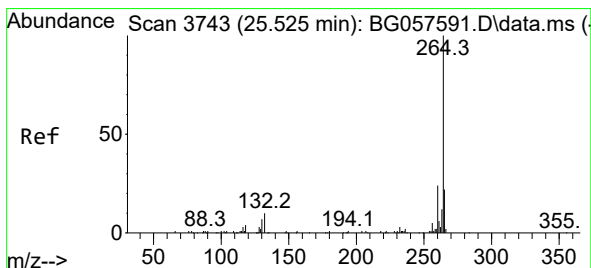
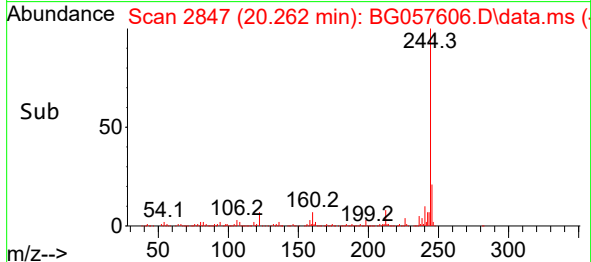
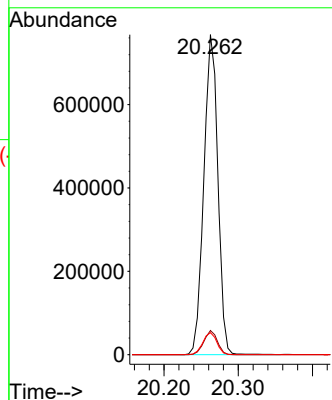
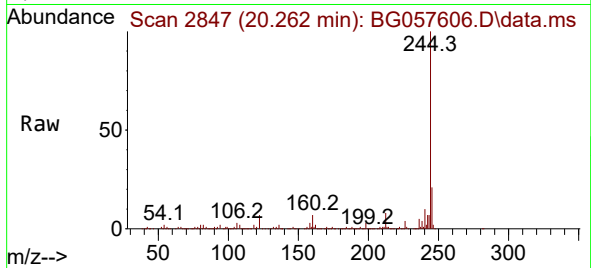




#79
 Terphenyl-d14
 Concen: 102.436 ng
 RT: 20.262 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057606.D
 Acq: 30 May 2023 14:31

Instrument :
 BNA_G
 ClientSampleId :
 PB153078BL

Tgt Ion:244 Resp: 1007951
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.6 8.4
 122 6.9 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.485 min Scan# 3736
 Delta R.T. -0.006 min
 Lab File: BG057606.D
 Acq: 30 May 2023 14:31

Tgt Ion:264 Resp: 180459
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.7 17.7 26.5

