

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
 Data File : BG057620.D
 Acq On : 31 May 2023 13:15
 Operator : CG/JU
 Sample : PB152920BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152920BL

Quant Time: Jun 01 03:53:29 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)

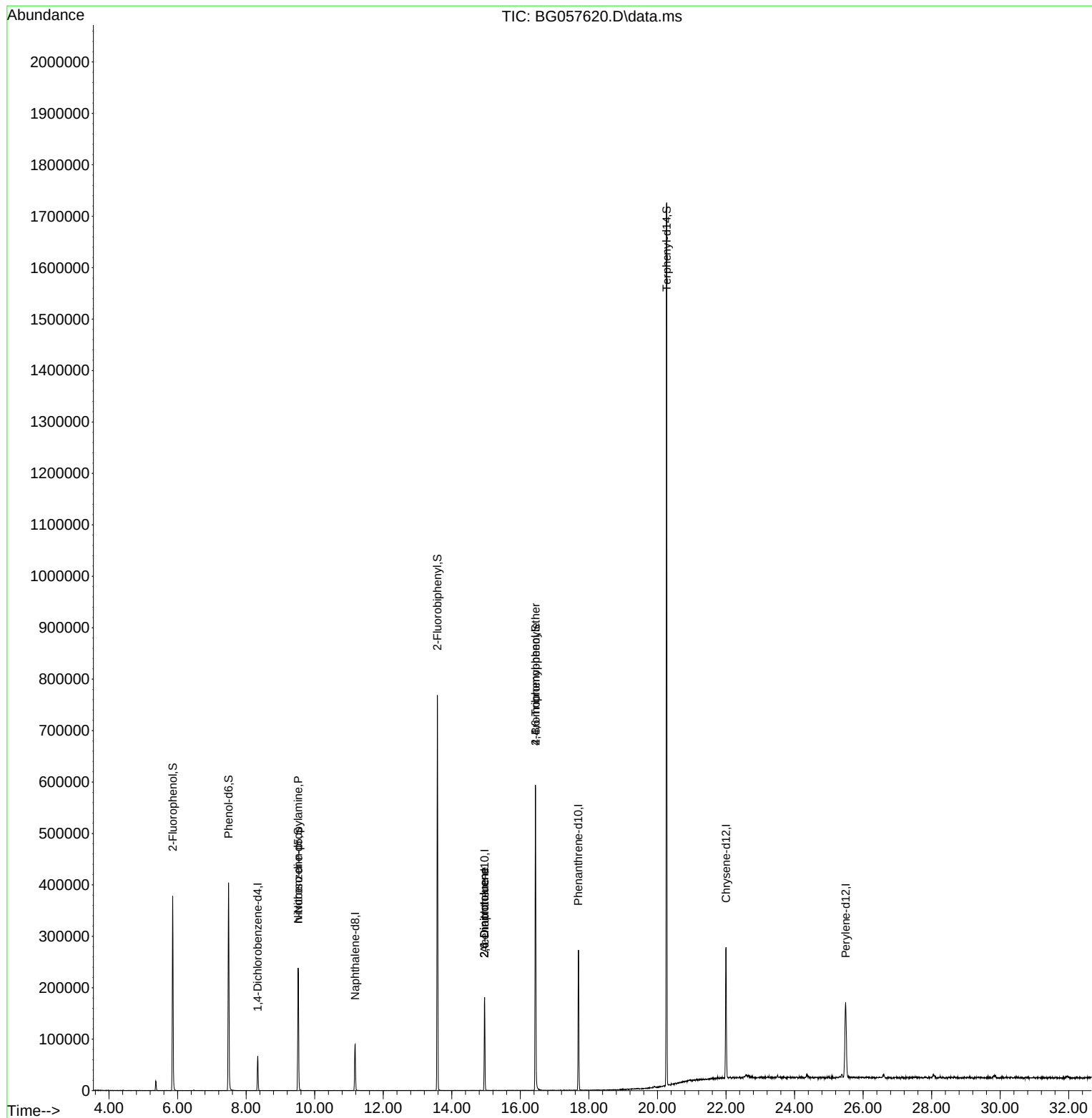
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	19382	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	82485	20.000	ng	0.00
39) Acenaphthene-d10	14.958	164	65580	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	184832	20.000	ng	0.00
76) Chrysene-d12	22.001	240	165556	20.000	ng	0.00
86) Perylene-d12	25.490	264	177439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	174388	156.313	ng	0.00
7) Phenol-d6	7.485	99	256597	146.966	ng	0.00
23) Nitrobenzene-d5	9.518	82	160699	91.072	ng	0.00
42) 2,4,6-Tribromophenol	16.444	330	134220	127.834	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	419492	91.927	ng	0.00
79) Terphenyl-d14	20.268	244	911459	95.366	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.518	70	21551	17.767	ng	# 85
51) 2,6-Dinitrotoluene	14.952	165	8574	7.410	ng	# 27
57) 2,4-Dinitrotoluene	14.952	165	8574	4.949	ng	# 25
67) 4-Bromophenyl-phenylether	16.444	248	9213	4.444	ng	# 1

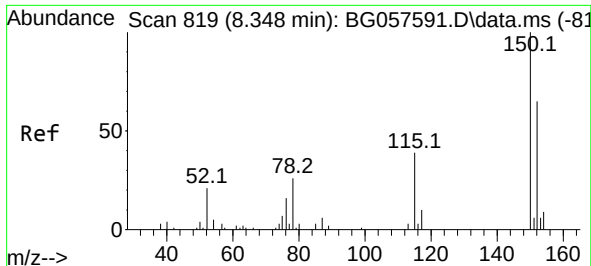
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
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Misc :
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Response via : Initial Calibration

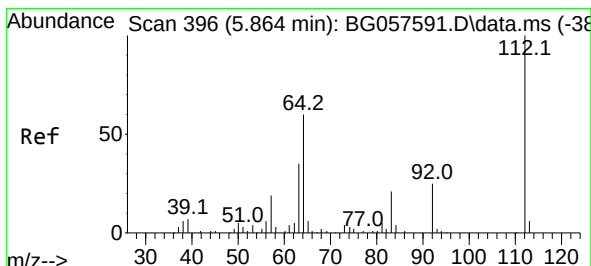
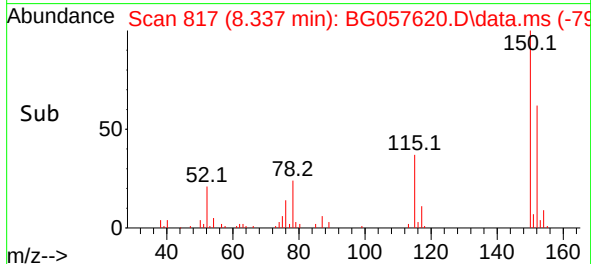
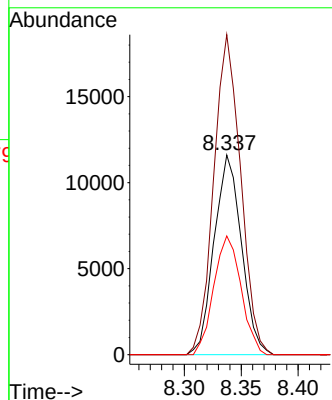
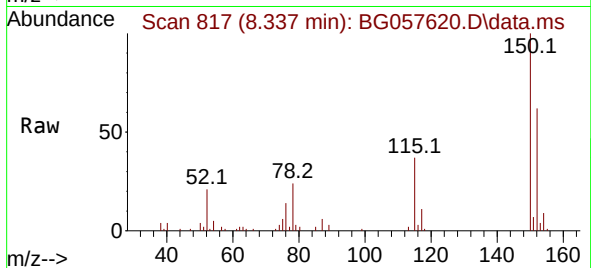




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 819
Delta R.T. 0.003 min
Lab File: BG057620.D
Acq: 31 May 2023 13:15

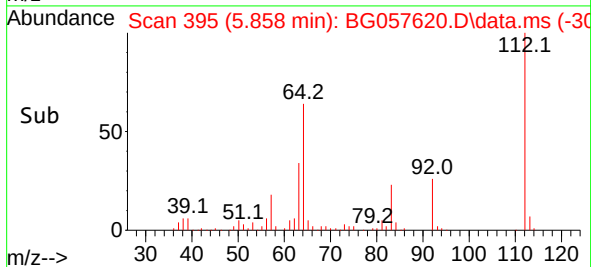
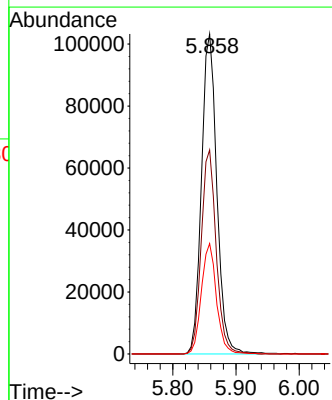
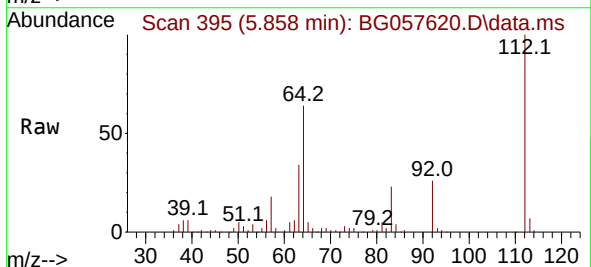
Instrument :
BNA_G
ClientSampleId :
PB152920BL

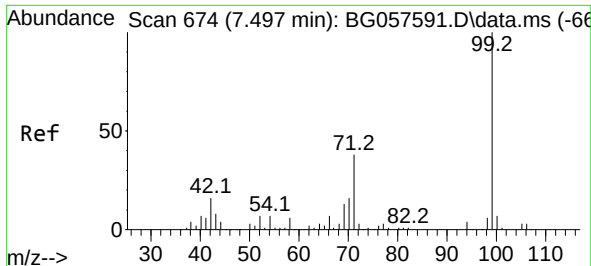
Tgt Ion:152 Resp: 19382
Ion Ratio Lower Upper
152 100
150 160.3 123.0 184.4
115 59.5 47.4 71.2



#5
2-Fluorophenol
Concen: 156.313 ng
RT: 5.858 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG057620.D
Acq: 31 May 2023 13:15

Tgt Ion:112 Resp: 174388
Ion Ratio Lower Upper
112 100
64 63.8 47.8 71.6
63 34.5 27.8 41.8

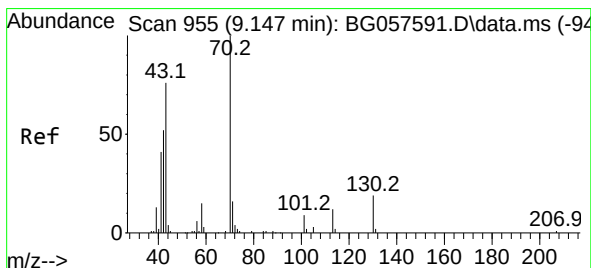
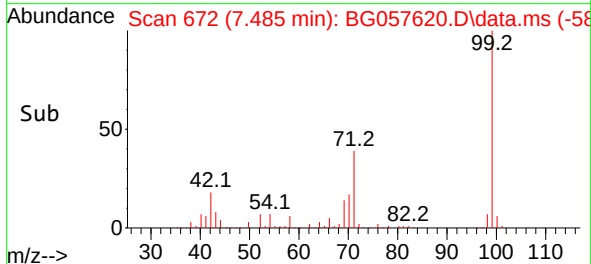
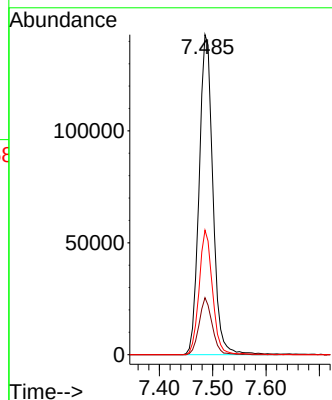
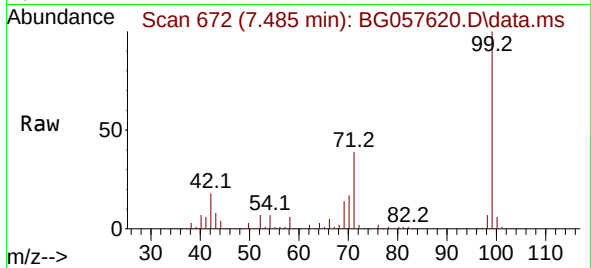




#7
Phenol-d6
Concen: 146.966 ng
RT: 7.485 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057620.D
Acq: 31 May 2023 13:15

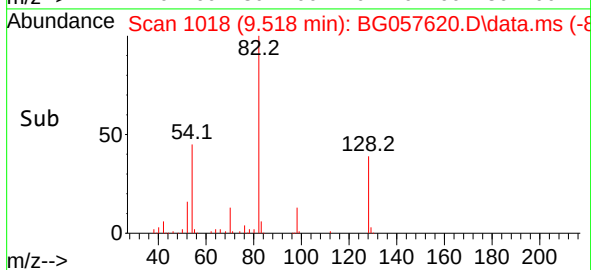
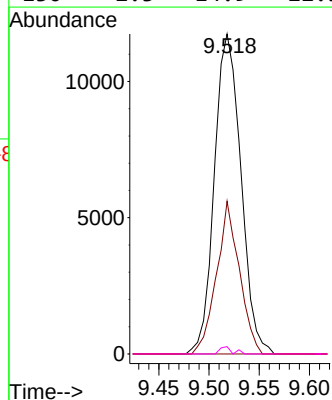
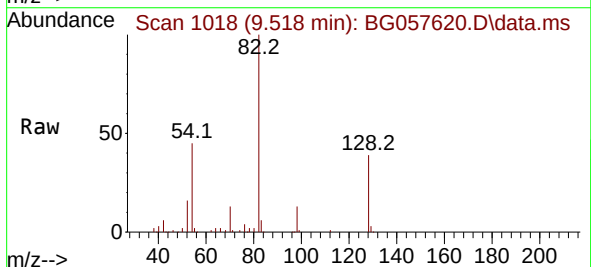
Instrument :
BNA_G
ClientSampleId :
PB152920BL

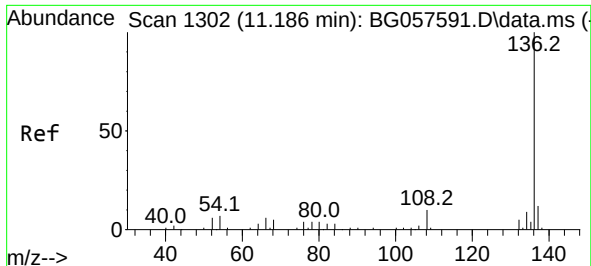
Tgt Ion: 99 Resp: 256597
Ion Ratio Lower Upper
99 100
42 17.8 12.8 19.2
71 38.9 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.767 ng
RT: 9.518 min Scan# 1018
Delta R.T. 0.379 min
Lab File: BG057620.D
Acq: 31 May 2023 13:15

Tgt Ion: 70 Resp: 21551
Ion Ratio Lower Upper
70 100
42 47.7 41.4 62.0
101 0.0 6.9 10.3#
130 2.3 14.9 22.3#

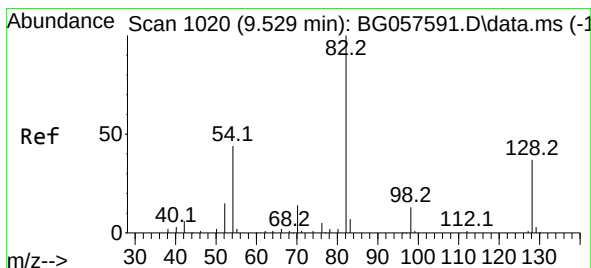
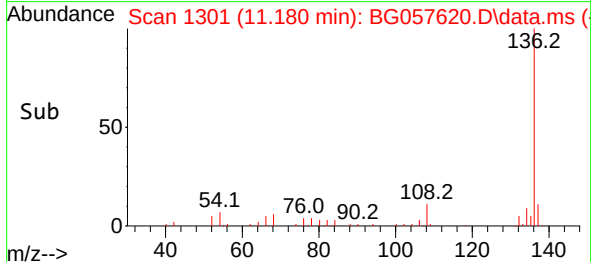
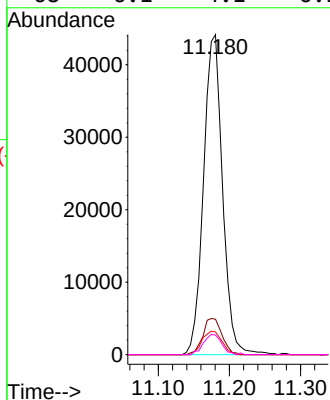
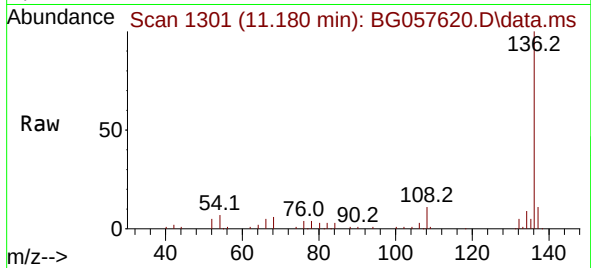




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 1118
Delta R.T. 0.003 min
Lab File: BG057620.D
Acq: 31 May 2023 13:15

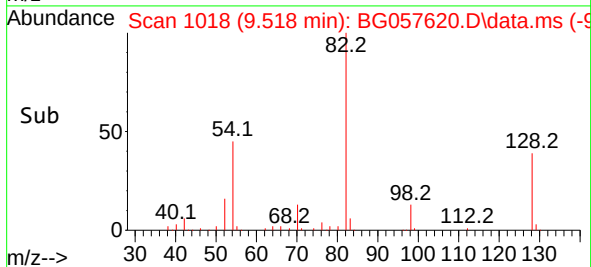
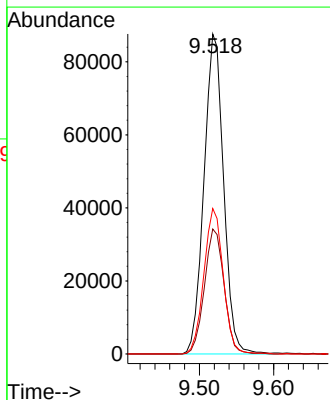
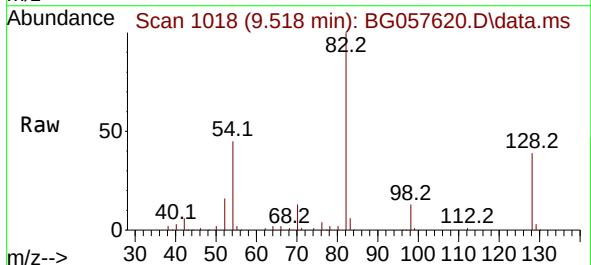
Instrument :
BNA_G
ClientSampleId :
PB152920BL

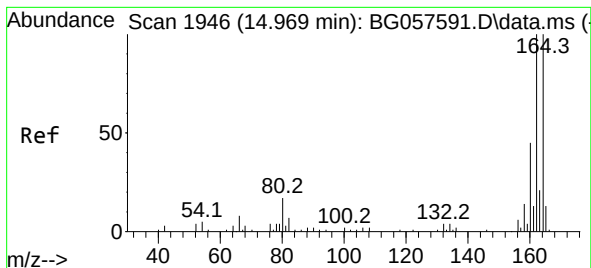
Tgt Ion:136	Resp:	82485
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.8 14.8
54	7.1	5.8 8.6
68	6.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 91.072 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG057620.D
Acq: 31 May 2023 13:15

Tgt Ion: 82	Resp:	160699
Ion Ratio	Lower	Upper
82	100	
128	39.1	30.0 45.0
54	45.5	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: BG057620.D

Acq: 31 May 2023 13:15

Instrument :

BNA_G

ClientSampleId :

PB152920BL

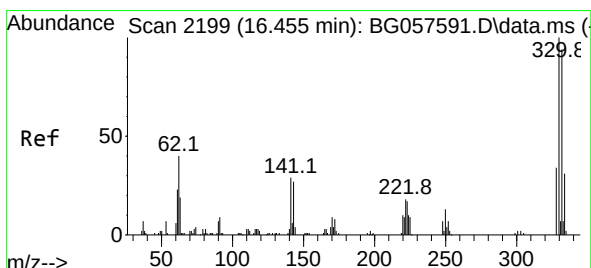
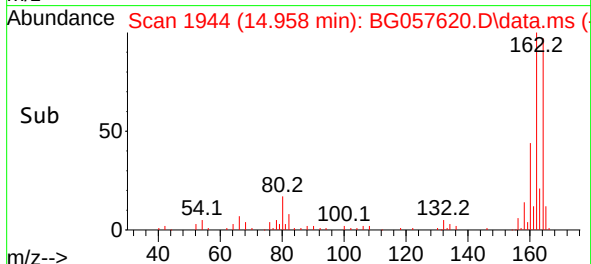
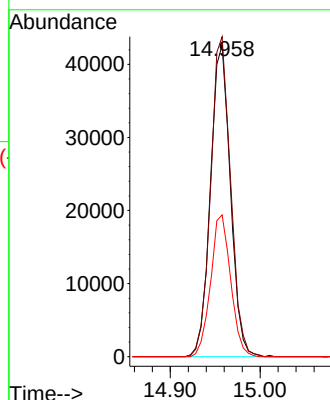
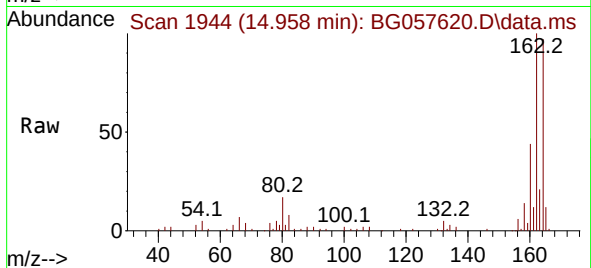
Tgt Ion:164 Resp: 65580

Ion Ratio Lower Upper

164 100

162 102.7 80.1 120.1

160 45.5 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 127.834 ng

RT: 16.444 min Scan# 2197

Delta R.T. -0.002 min

Lab File: BG057620.D

Acq: 31 May 2023 13:15

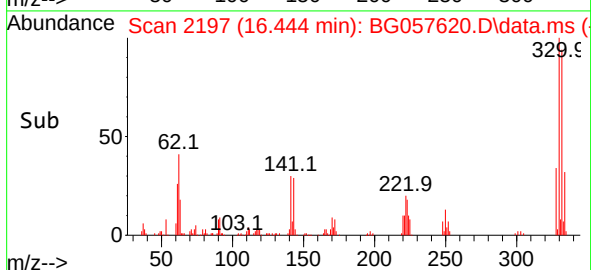
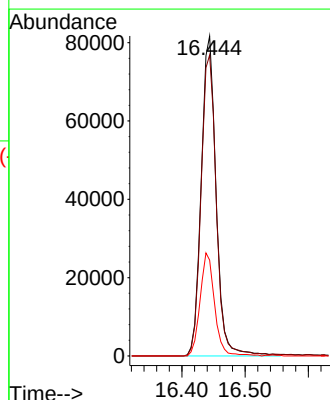
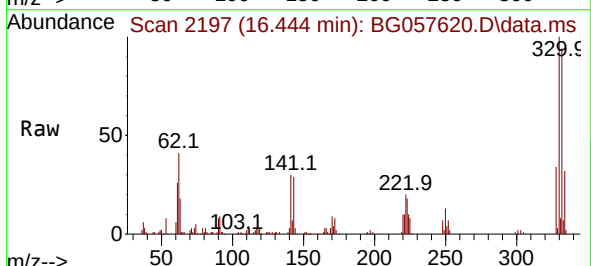
Tgt Ion:330 Resp: 134220

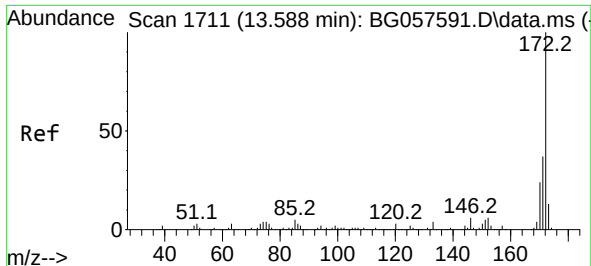
Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 31.2 24.6 37.0

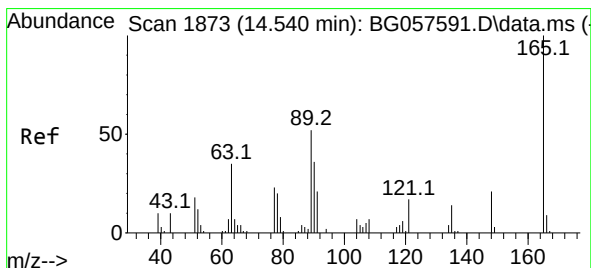
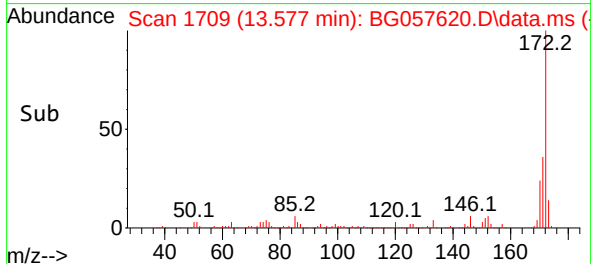
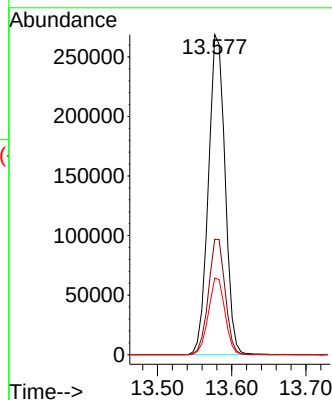
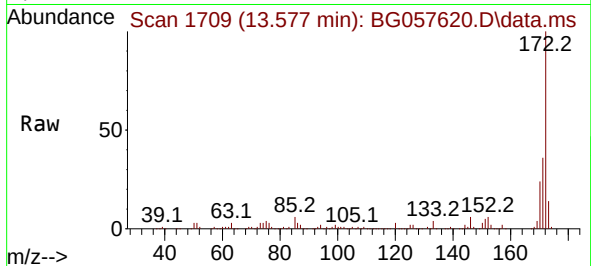




#45
2-Fluorobiphenyl
Concen: 91.927 ng
RT: 13.577 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057620.D
Acq: 31 May 2023 13:15

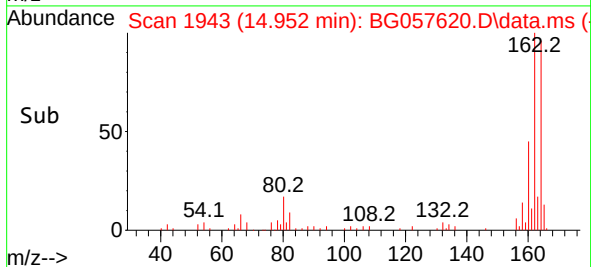
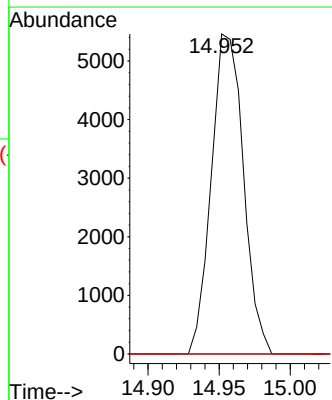
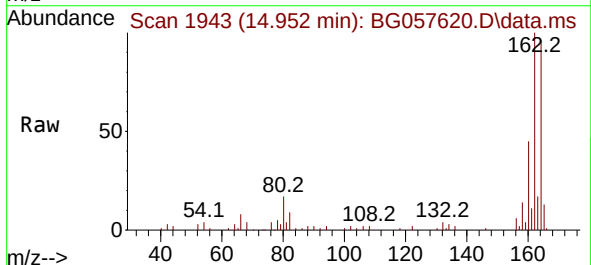
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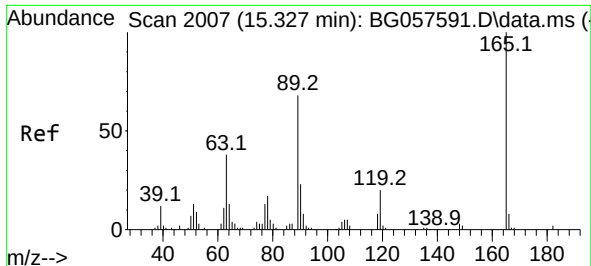
Tgt Ion:172 Resp: 419492
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 24.0 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.410 ng
RT: 14.952 min Scan# 1943
Delta R.T. 0.421 min
Lab File: BG057620.D
Acq: 31 May 2023 13:15

Tgt Ion:165 Resp: 8574
Ion Ratio Lower Upper
165 100
63 0.0 39.3 58.9#
89 0.0 41.5 62.3#

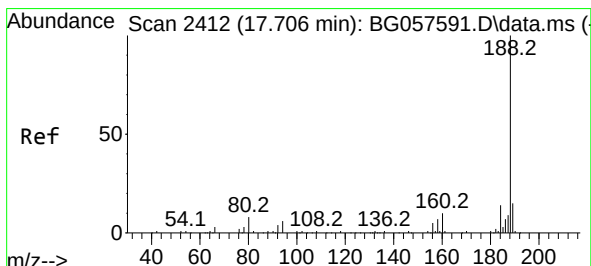
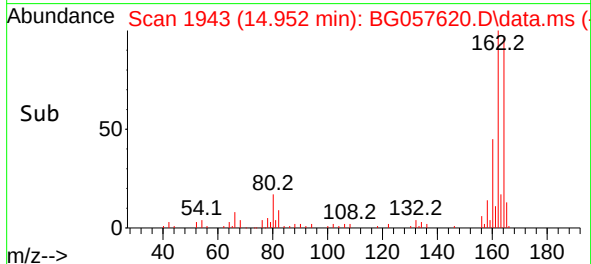
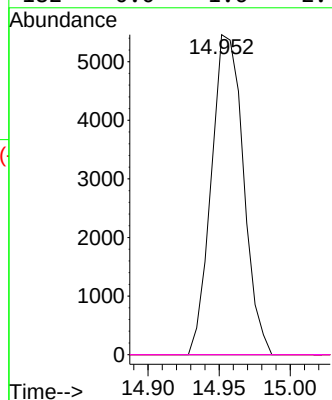
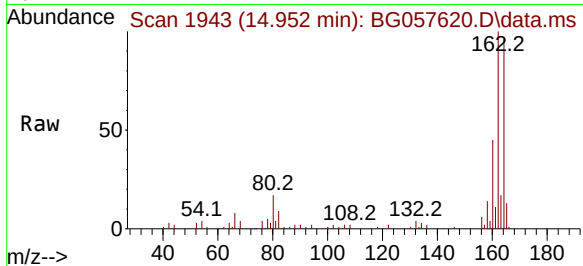




#57
2,4-Dinitrotoluene
Concen: 4.949 ng
RT: 14.952 min Scan# 1943
Delta R.T. -0.372 min
Lab File: BG057620.D
Acq: 31 May 2023 13:15

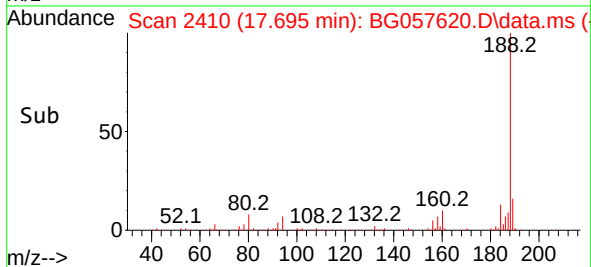
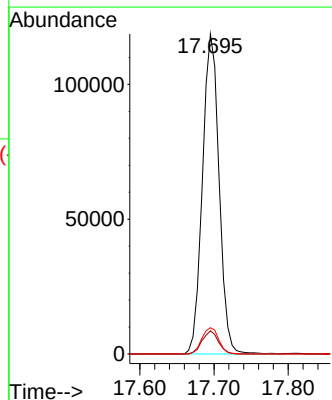
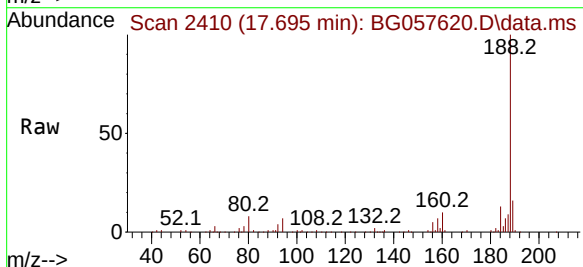
Instrument :
BNA_G
ClientSampleId :
PB152920BL

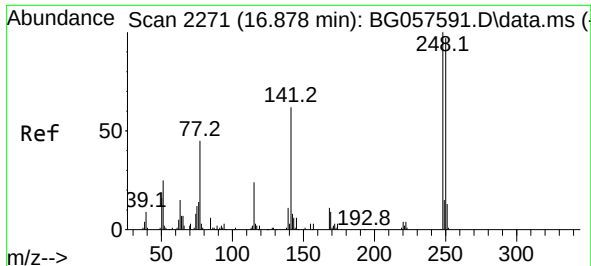
Tgt Ion:165 Resp: 8574
Ion Ratio Lower Upper
165 100
63 0.0 30.6 45.8#
89 0.0 54.2 81.2#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG057620.D
Acq: 31 May 2023 13:15

Tgt Ion:188 Resp: 184832
Ion Ratio Lower Upper
188 100
94 7.3 5.2 7.8
80 8.2 6.7 10.1

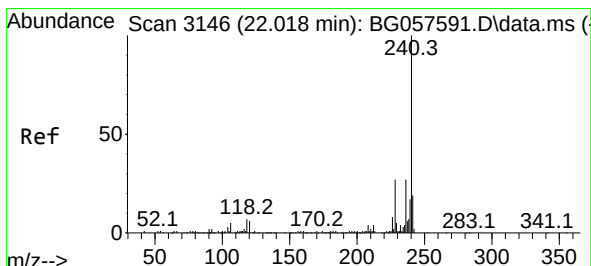
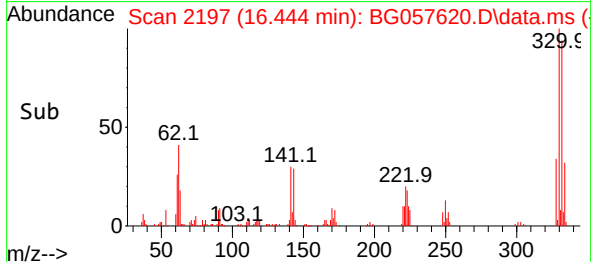
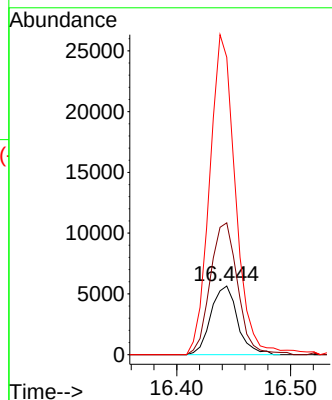
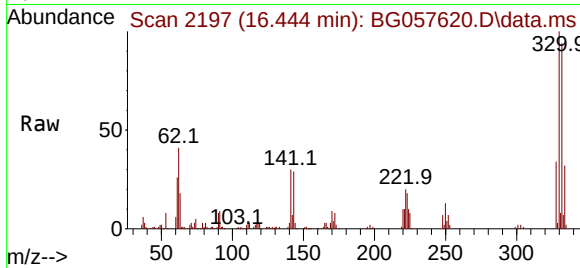




#67
4-Bromophenyl-phenylether
Concen: 4.444 ng
RT: 16.444 min Scan# 2197
Delta R.T. -0.425 min
Lab File: BG057620.D
Acq: 31 May 2023 13:15

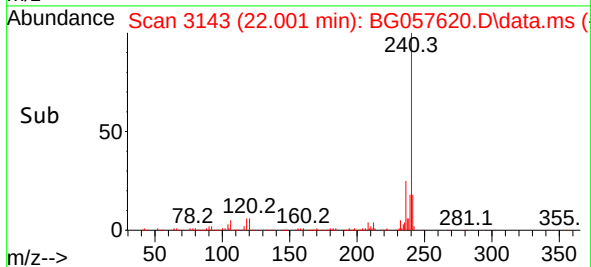
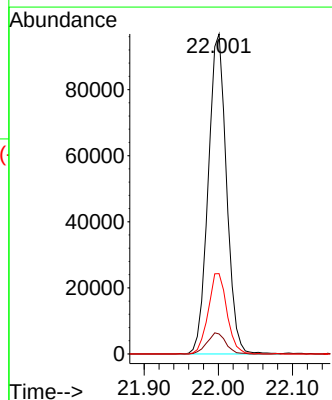
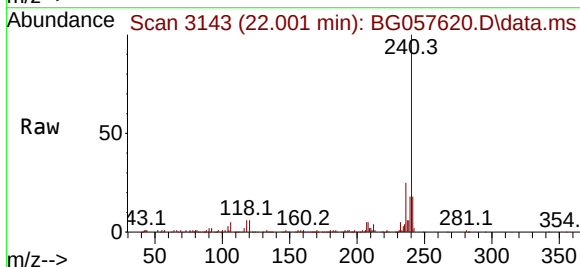
Instrument :
BNA_G
ClientSampleId :
PB152920BL

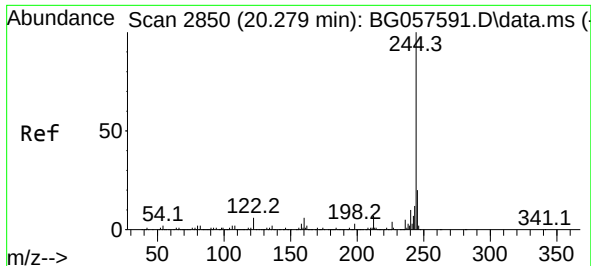
Tgt Ion:248 Resp: 9213
Ion Ratio Lower Upper
248 100
250 192.0 77.4 116.2#
141 433.1 49.4 74.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BG057620.D
Acq: 31 May 2023 13:15

Tgt Ion:240 Resp: 165556
Ion Ratio Lower Upper
240 100
120 6.2 5.2 7.8
236 25.1 21.4 32.0

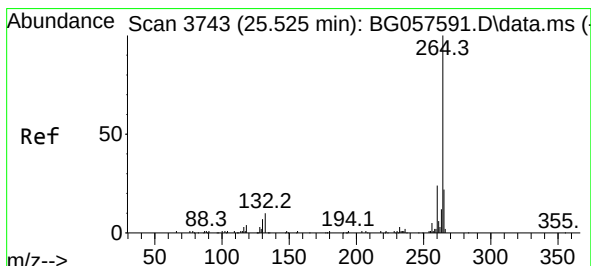
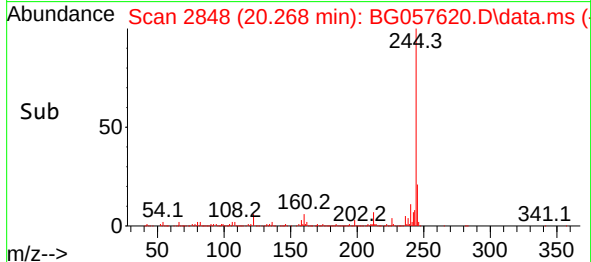
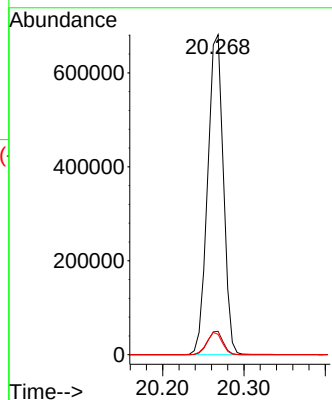
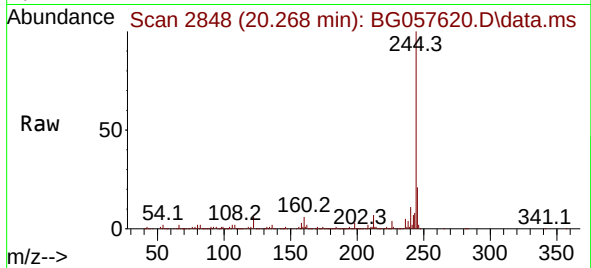




#79
 Terphenyl-d14
 Concen: 95.366 ng
 RT: 20.268 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057620.D
 Acq: 31 May 2023 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB152920BL

Tgt Ion:244 Resp: 911459
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 6.4 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.490 min Scan# 3737
 Delta R.T. -0.008 min
 Lab File: BG057620.D
 Acq: 31 May 2023 13:15

Tgt Ion:264 Resp: 177439
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 21.9 17.7 26.5

