

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057743.D
 Acq On : 16 Jun 2023 20:49
 Operator : CG/JU
 Sample : 02997-01DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DMA-1103DL

Quant Time: Jun 17 03:59:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

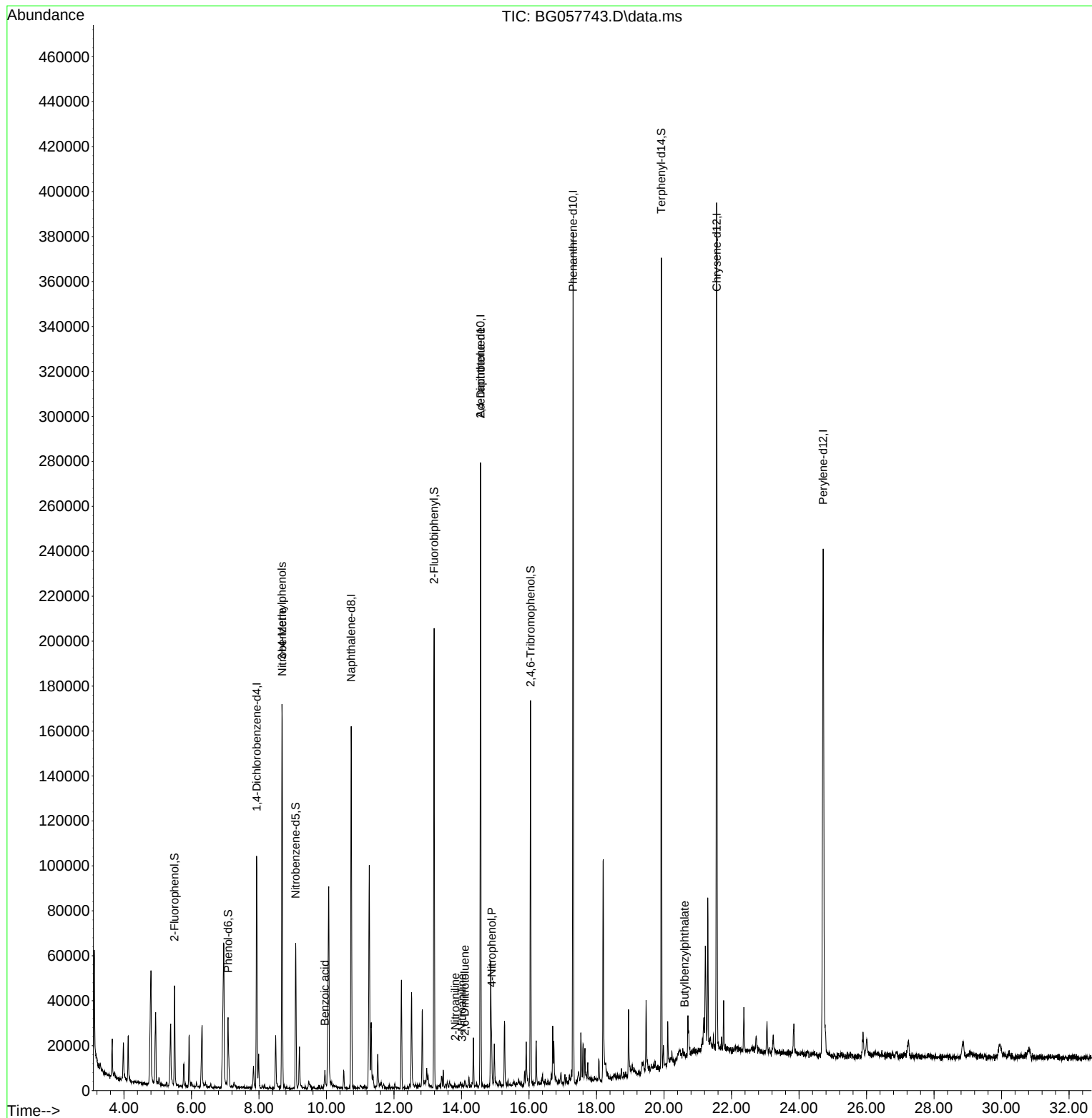
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	28514	20.000	ng	-0.01
21) Naphthalene-d8	10.732	136	130364	20.000	ng	-0.01
39) Acenaphthene-d10	14.563	164	95527	20.000	ng	-0.01
64) Phenanthrene-d10	17.307	188	238895	20.000	ng	-0.01
76) Chrysene-d12	21.560	240	201659	20.000	ng	-0.01
86) Perylene-d12	24.716	264	241585	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	19213	10.972	ng	-0.01
7) Phenol-d6	7.083	99	17825	6.626	ng	-0.01
23) Nitrobenzene-d5	9.087	82	38699	29.801	ng	-0.01
42) 2,4,6-Tribromophenol	16.049	330	33054	31.015	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	106539	16.624	ng	-0.01
79) Terphenyl-d14	19.921	244	174646	16.012	ng	-0.01
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	8.681	107	76691	28.996	ng	91
24) Nitrobenzene	8.687	77	22478	13.630	ng	# 50
32) Benzoic acid	9.951	122	2923	3.707	ng	91
48) 2-Nitroaniline	13.817	65	63	4.116	ng	# 12
51) 2,6-Dinitrotoluene	14.099	165	427	4.642	ng	# 12
53) 3-Nitroaniline	14.010	138	145	3.840	ng	# 1
56) 4-Nitrophenol	14.892	139	58	4.224	ng	# 1
57) 2,4-Dinitrotoluene	14.563	165	12193	14.510	ng	# 17
80) Butylbenzylphthalate	20.609	149	69	4.119	ng	# 12

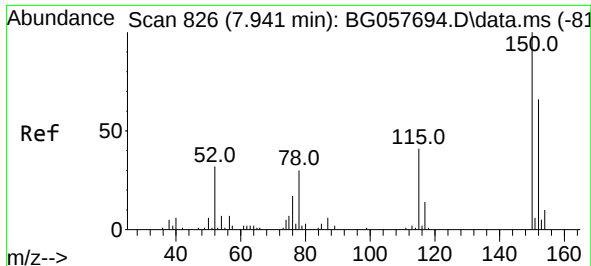
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
Data File : BG057743.D
Acq On : 16 Jun 2023 20:49
Operator : CG/JU
Sample : 02997-01DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DMA-1103DL

Quant Time: Jun 17 03:59:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 15:28:07 2023
Response via : Initial Calibration

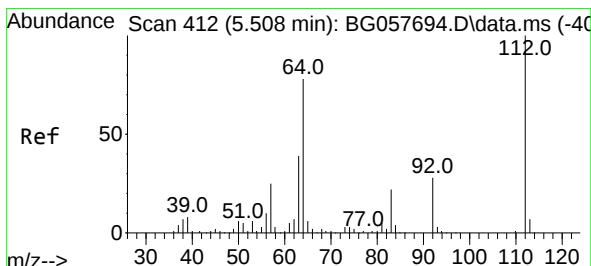
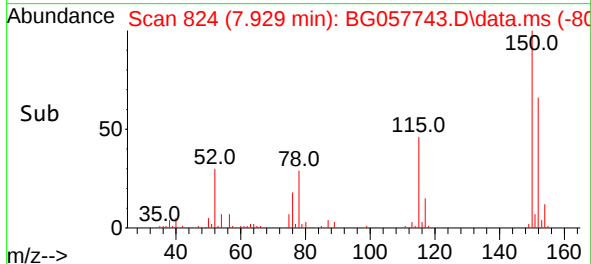
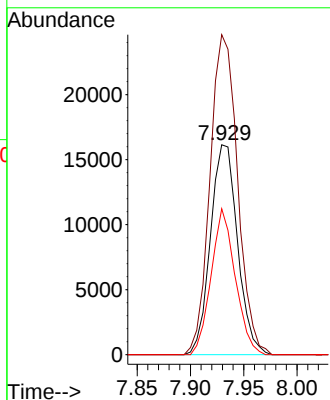
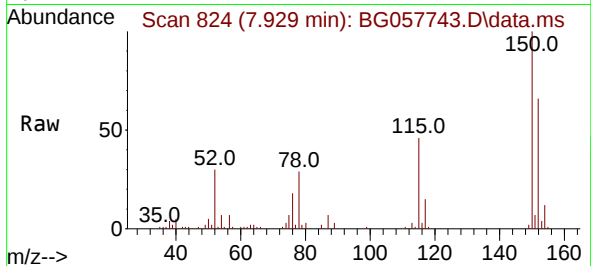




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

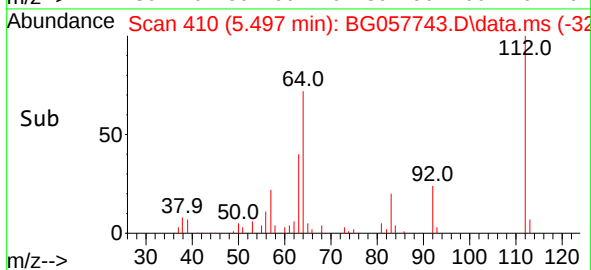
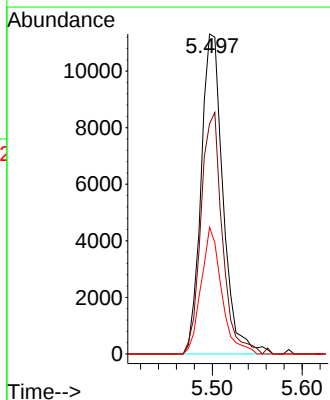
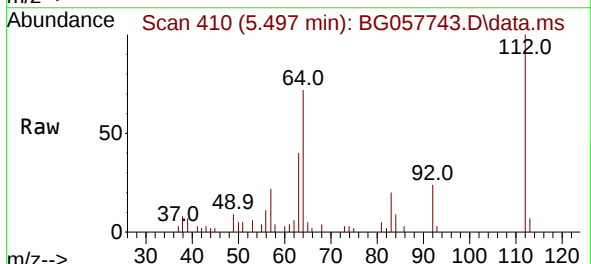
Instrument :
BNA_G
ClientSampleId :
DMA-1103DL

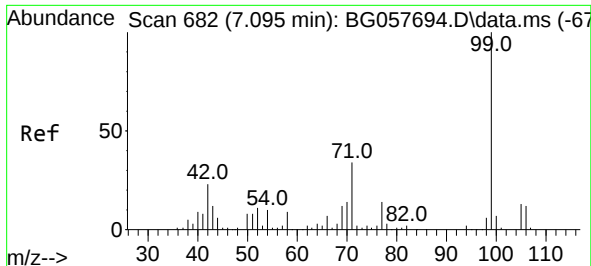
Tgt Ion:152 Resp: 28514
Ion Ratio Lower Upper
152 100
150 152.5 120.8 181.2
115 69.5 49.4 74.2



#5
2-Fluorophenol
Concen: 10.972 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

Tgt Ion:112 Resp: 19213
Ion Ratio Lower Upper
112 100
64 71.9 62.3 93.5
63 39.6 31.5 47.3

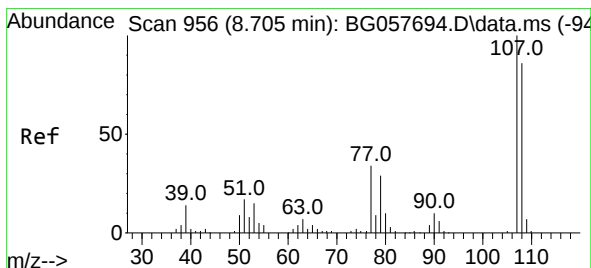
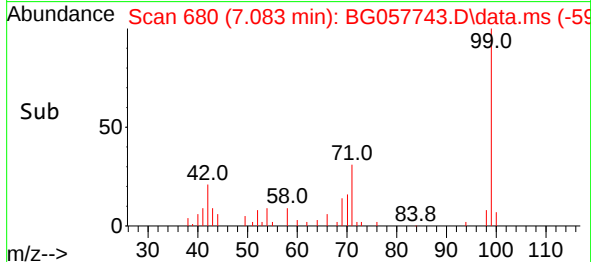
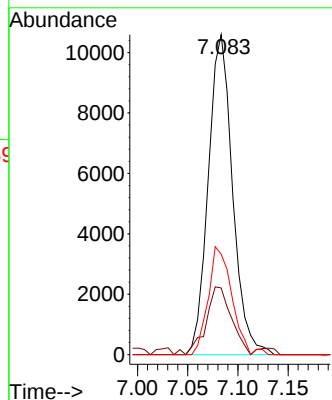
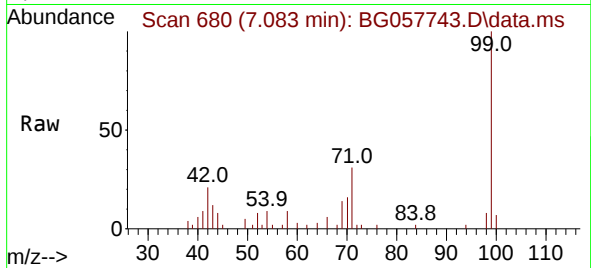




#7
Phenol-d6
Concen: 6.626 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

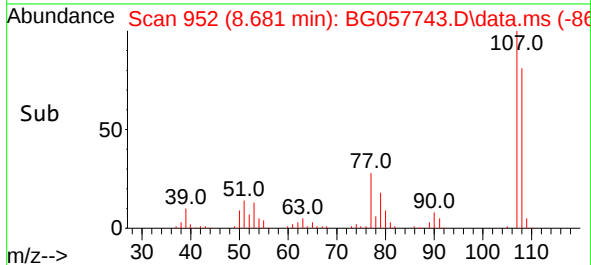
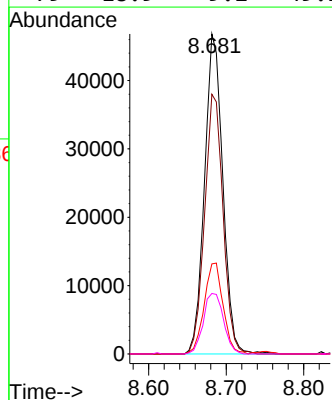
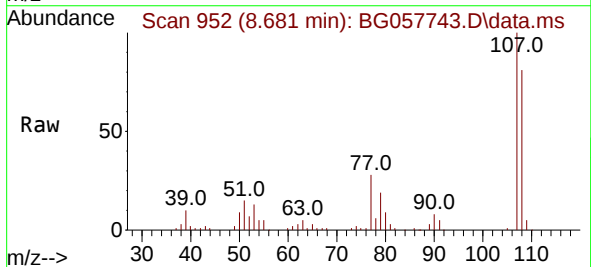
Instrument :
BNA_G
ClientSampleId :
DMA-1103DL

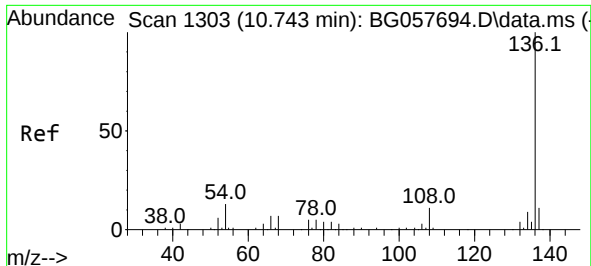
Tgt Ion: 99 Resp: 17825
Ion Ratio Lower Upper
99 100
42 20.9 18.3 27.5
71 31.4 27.5 41.3



#20
3+4-Methylphenols
Concen: 28.996 ng
RT: 8.681 min Scan# 952
Delta R.T. -0.025 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

Tgt Ion:107 Resp: 76691
Ion Ratio Lower Upper
107 100
108 81.2 66.3 106.3
77 28.2 13.9 53.9
79 18.9 9.2 49.2

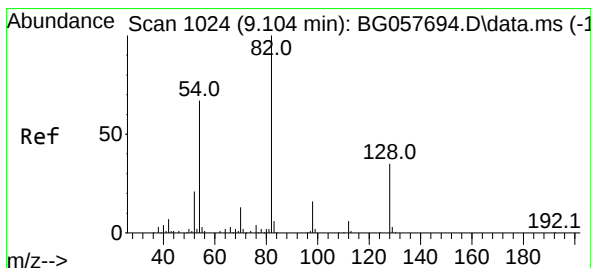
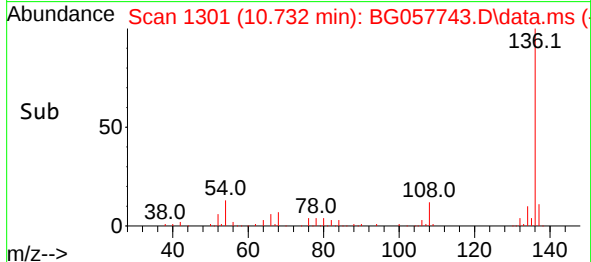
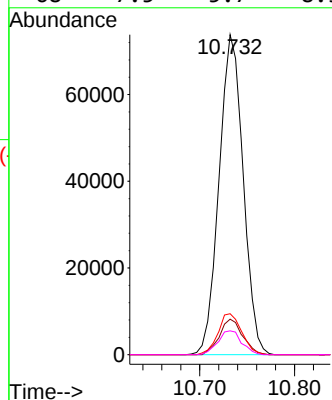
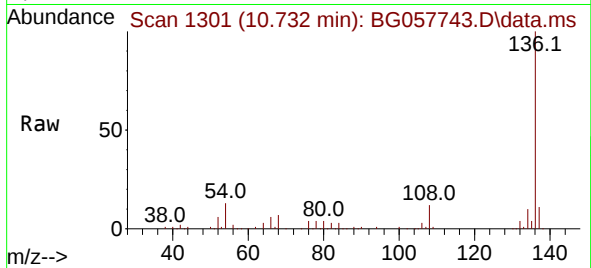




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

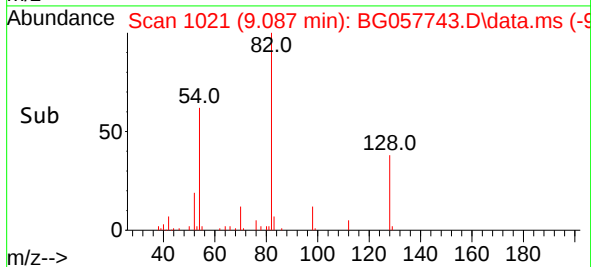
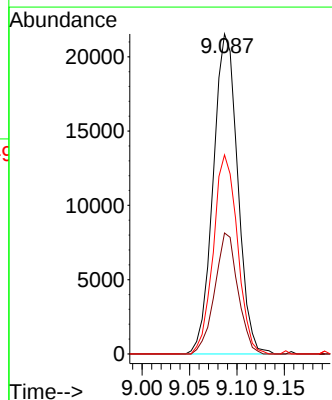
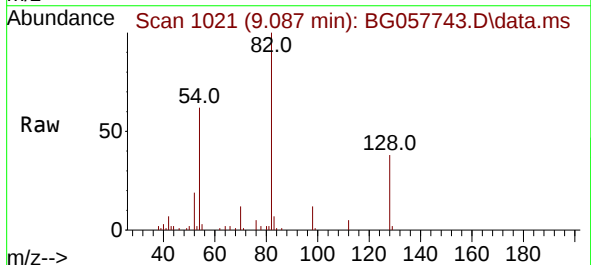
Instrument :
BNA_G
ClientSampleId :
DMA-1103DL

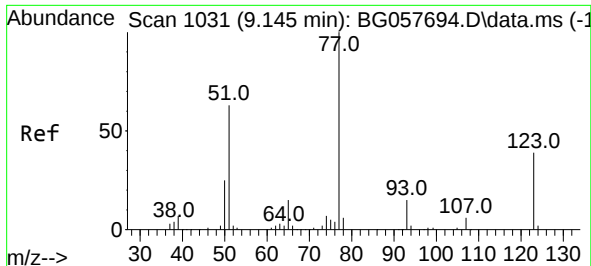
Tgt Ion:	136	Resp:	130364
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	12.8	10.8	16.2
68	7.5	5.7	8.5



#23
Nitrobenzene-d5
Concen: 29.801 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

Tgt Ion:	82	Resp:	38699
Ion Ratio	Lower	Upper	
82	100		
128	37.8	27.7	41.5
54	62.2	53.8	80.8

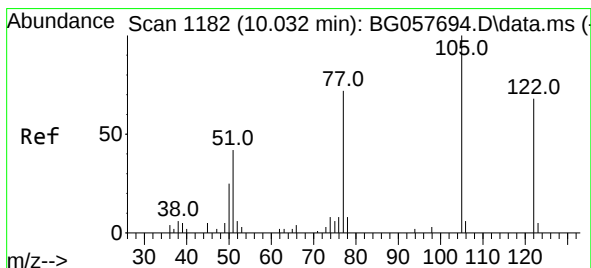
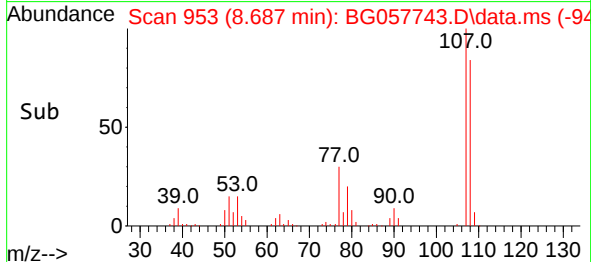
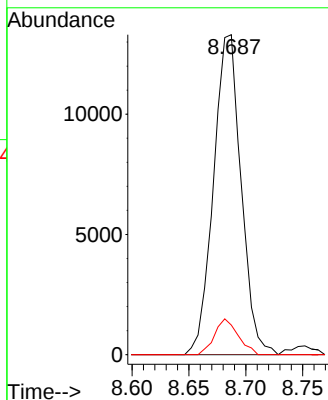
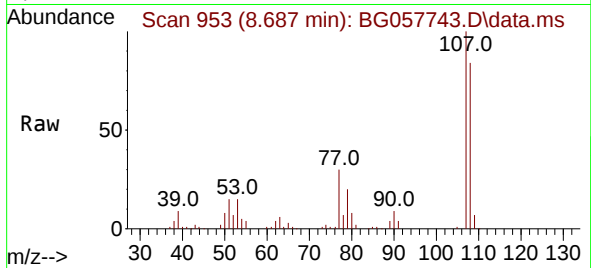




#24
Nitrobenzene
Concen: 13.630 ng
RT: 8.687 min Scan# 91
Delta R.T. -0.459 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

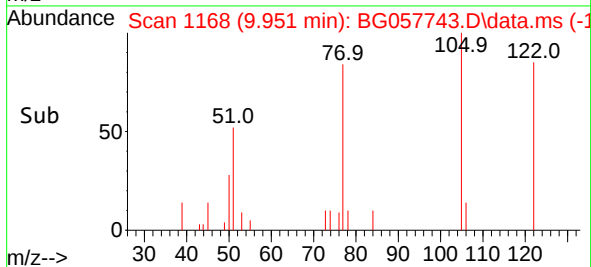
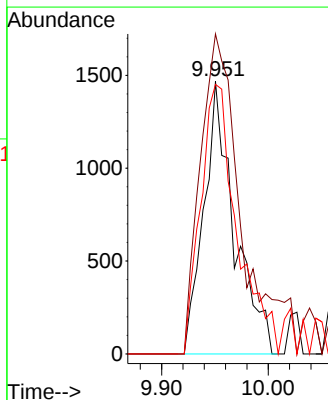
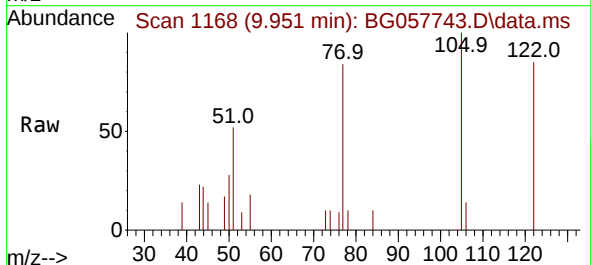
Instrument :
BNA_G
ClientSampleId :
DMA-1103DL

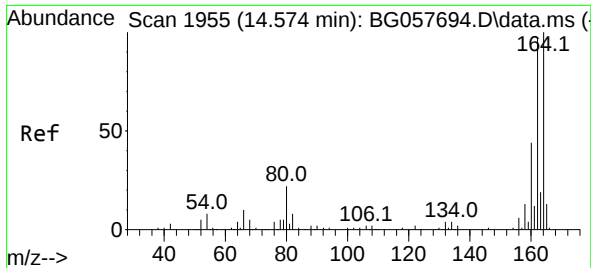
Tgt Ion: 77 Resp: 22478
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 9.3 11.6 17.4#



#32
Benzoic acid
Concen: 3.707 ng
RT: 9.951 min Scan# 1168
Delta R.T. -0.083 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

Tgt Ion: 122 Resp: 2923
Ion Ratio Lower Upper
122 100
105 117.4 113.8 153.8
77 98.9 81.0 121.0

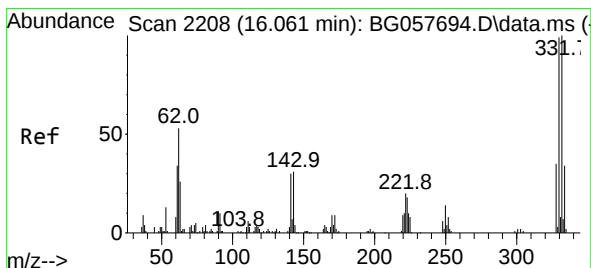
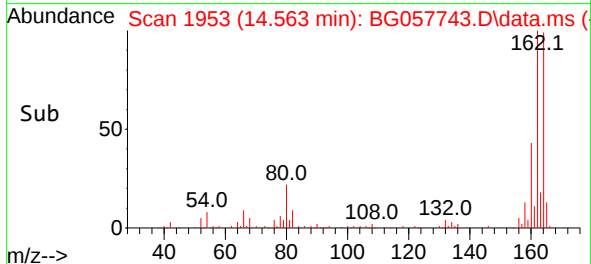
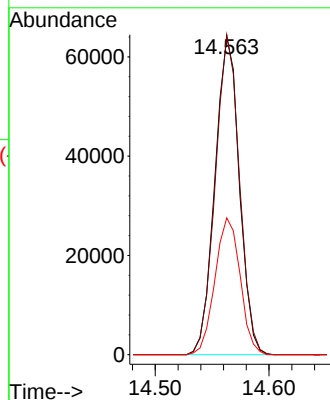
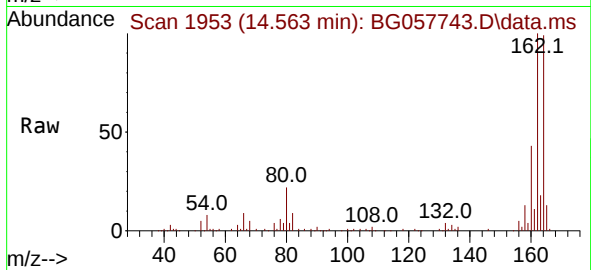




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

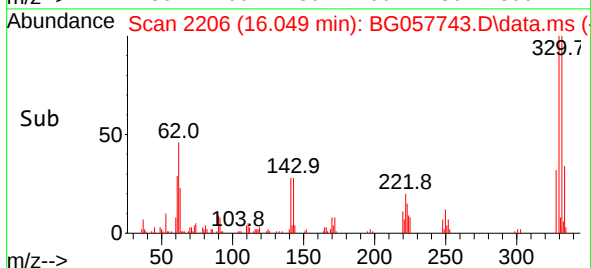
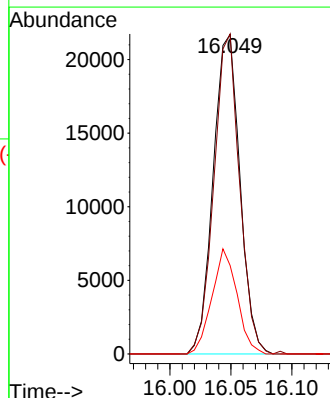
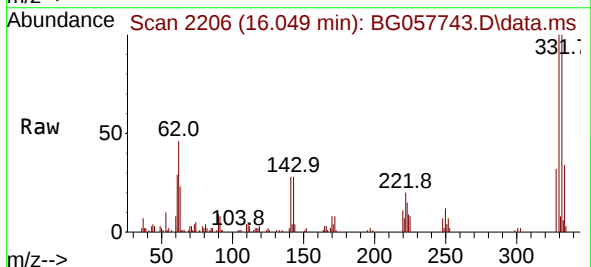
Instrument :
BNA_G
ClientSampleId :
DMA-1103DL

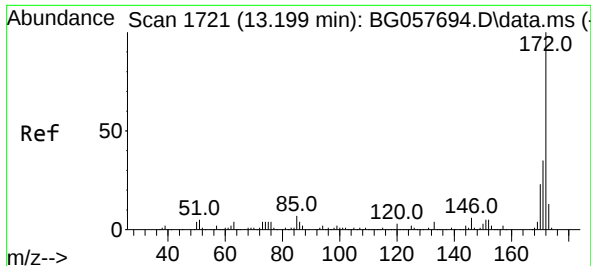
Tgt Ion:164 Resp: 95527
Ion Ratio Lower Upper
164 100
162 100.8 77.7 116.5
160 43.1 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 31.015 ng
RT: 16.049 min Scan# 2206
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

Tgt Ion:330 Resp: 33054
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.6
141 30.9 25.0 37.6

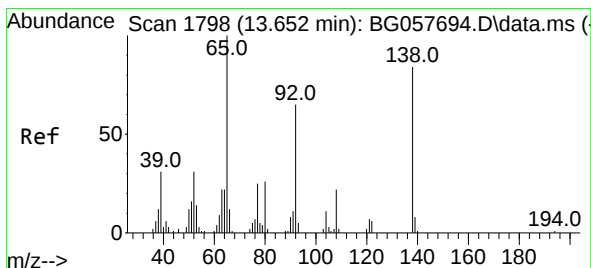
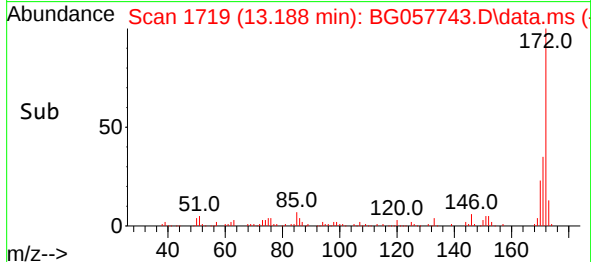
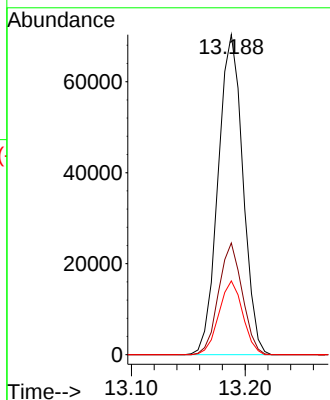
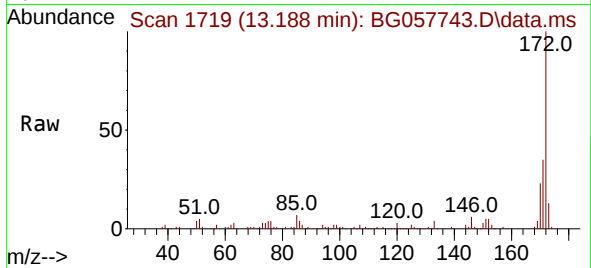




#45
2-Fluorobiphenyl
Concen: 16.624 ng
RT: 13.188 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

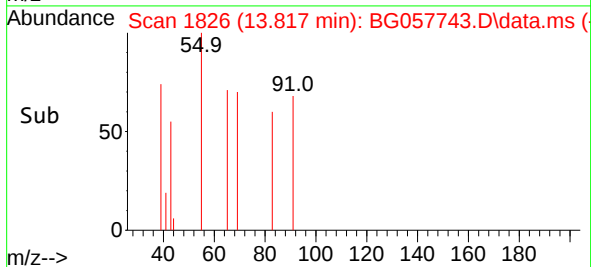
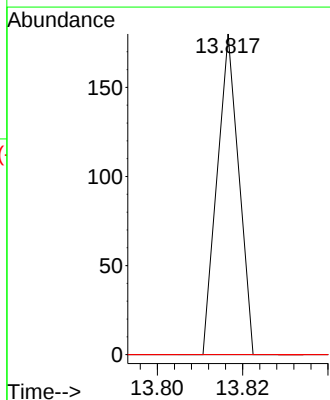
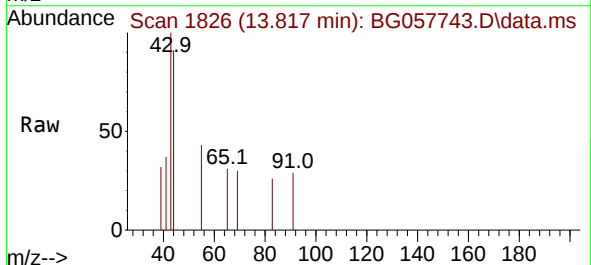
Instrument :
BNA_G
ClientSampleId :
DMA-1103DL

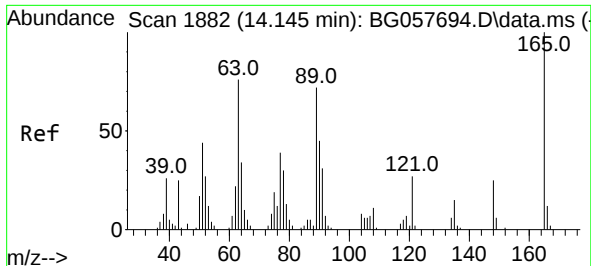
Tgt Ion:172 Resp: 106539
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.0 18.2 27.4



#48
2-Nitroaniline
Concen: 4.116 ng
RT: 13.817 min Scan# 1826
Delta R.T. 0.163 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

Tgt Ion: 65 Resp: 63
Ion Ratio Lower Upper
65 100
92 0.0 52.2 78.4#
138 0.0 67.0 100.4#





#51

2,6-Dinitrotoluene

Concen: 4.642 ng

RT: 14.099 min Scan# 1874

Delta R.T. -0.048 min

Lab File: BG057743.D

Acq: 16 Jun 2023 20:49

Instrument :

BNA_G

ClientSampleId :

DMA-1103DL

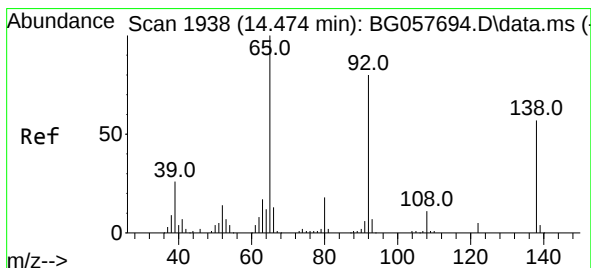
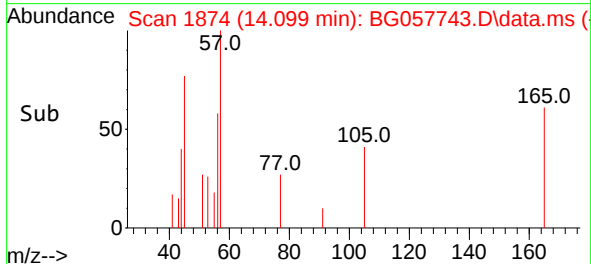
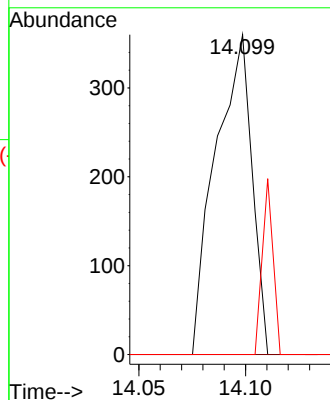
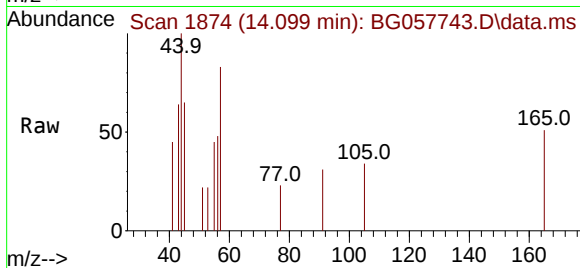
Tgt Ion:165 Resp: 427

Ion Ratio Lower Upper

165 100

63 0.0 62.3 93.5#

89 0.0 57.4 86.0#



#53

3-Nitroaniline

Concen: 3.840 ng

RT: 14.010 min Scan# 1859

Delta R.T. -0.465 min

Lab File: BG057743.D

Acq: 16 Jun 2023 20:49

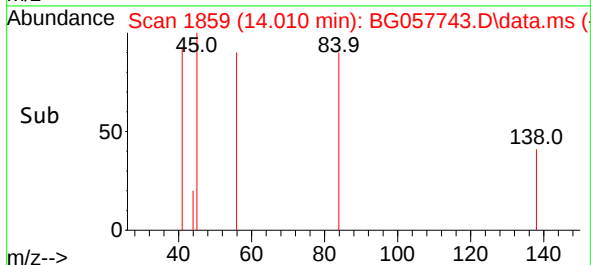
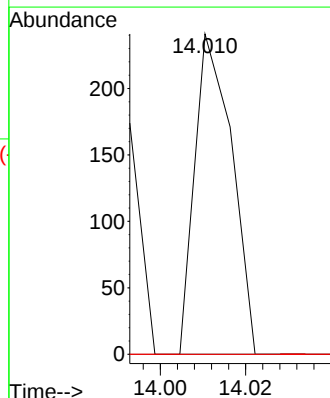
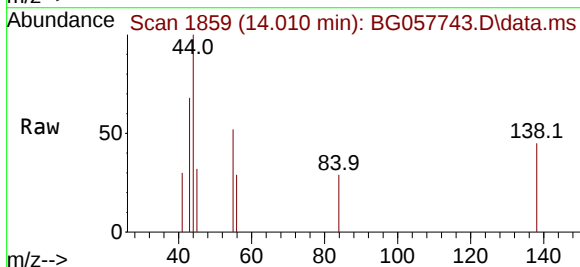
Tgt Ion:138 Resp: 145

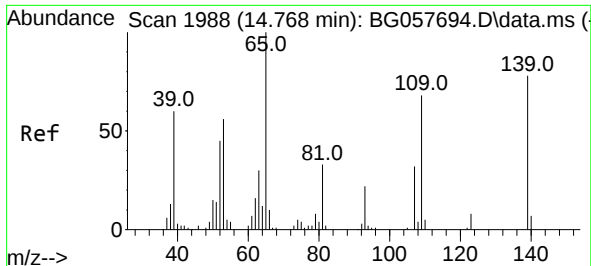
Ion Ratio Lower Upper

138 100

108 0.0 15.8 23.8#

92 0.0 112.2 168.2#

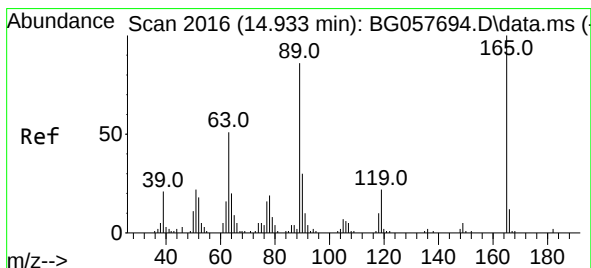
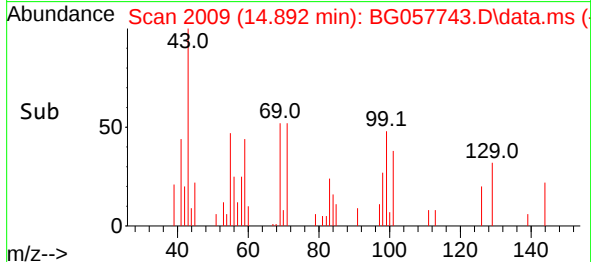
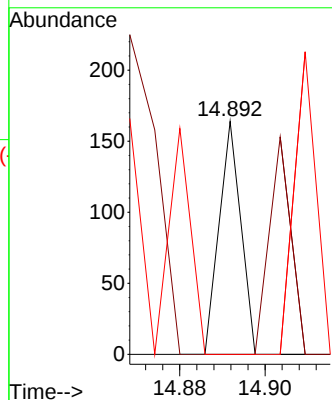
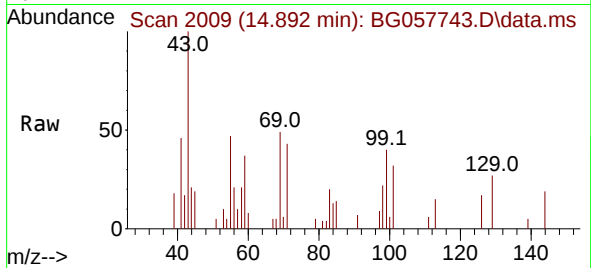




#56
4-Nitrophenol
Concen: 4.224 ng
RT: 14.892 min Scan# 20
Delta R.T. 0.122 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

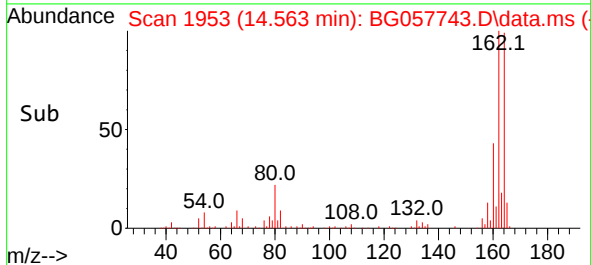
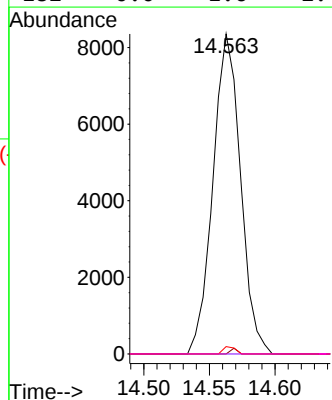
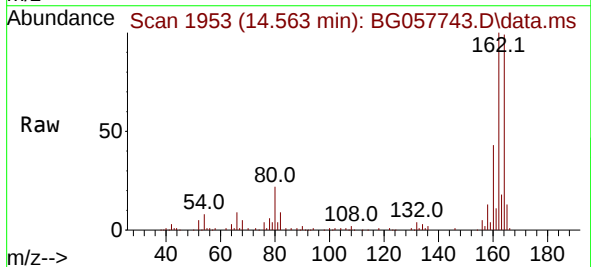
Instrument :
BNA_G
ClientSampleId :
DMA-1103DL

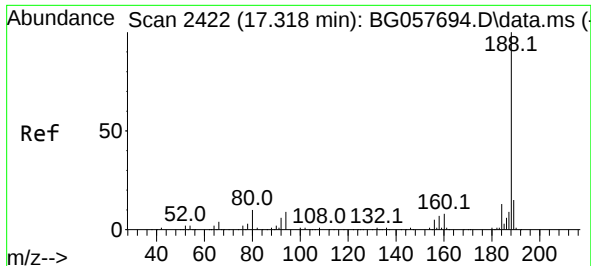
Tgt Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 0.0 67.3 107.3#
65 0.0 108.3 148.3#



#57
2,4-Dinitrotoluene
Concen: 14.510 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.371 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

Tgt Ion:165 Resp: 12193
Ion Ratio Lower Upper
165 100
63 0.0 40.8 61.2#
89 2.3 68.5 102.7#
182 0.0 1.6 2.4#

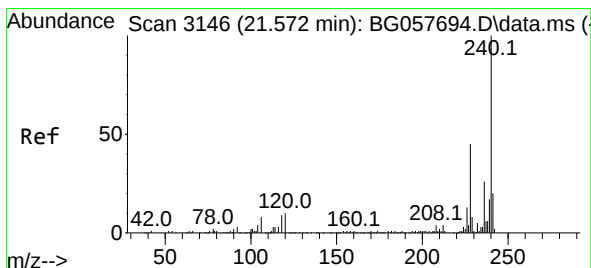
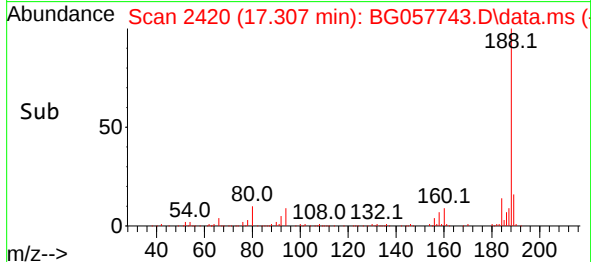
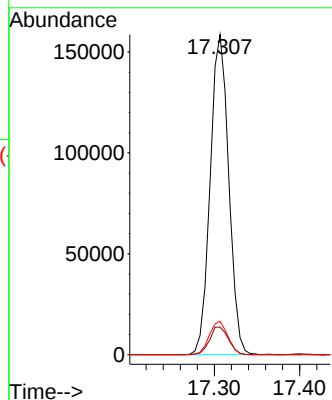
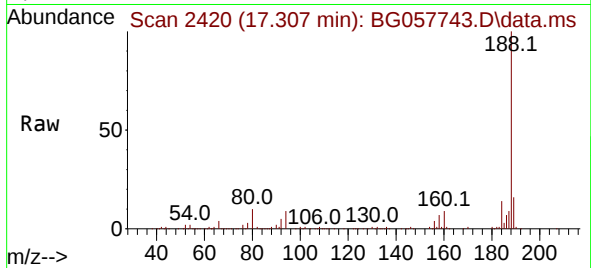




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 24
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

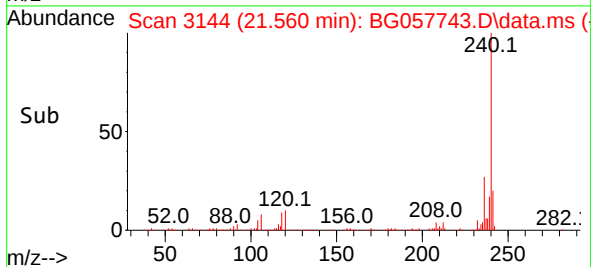
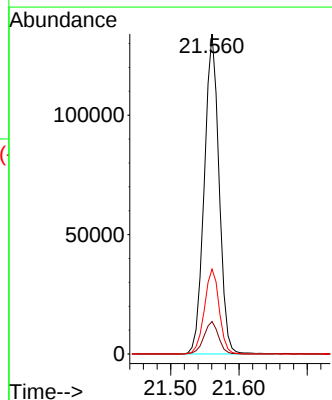
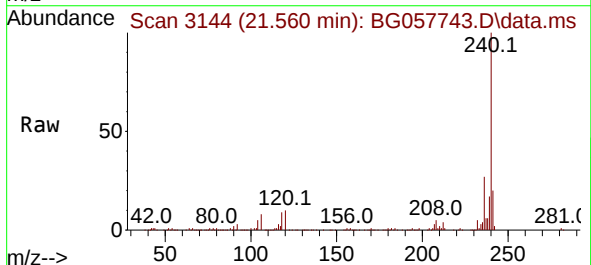
Instrument :
BNA_G
ClientSampleId :
DMA-1103DL

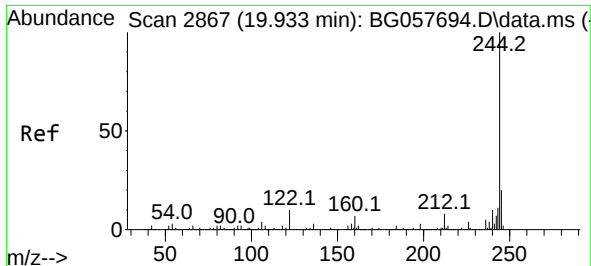
Tgt Ion:188 Resp: 238895
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 10.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3144
Delta R.T. -0.013 min
Lab File: BG057743.D
Acq: 16 Jun 2023 20:49

Tgt Ion:240 Resp: 201659
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 26.5 20.7 31.1

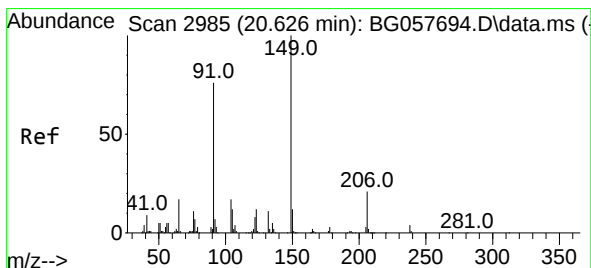
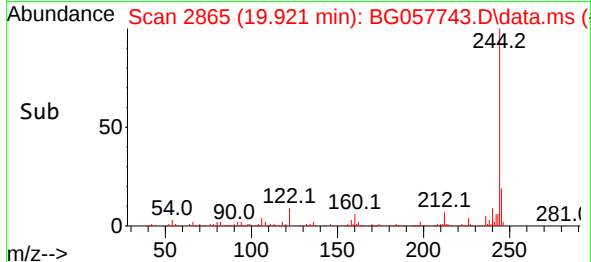
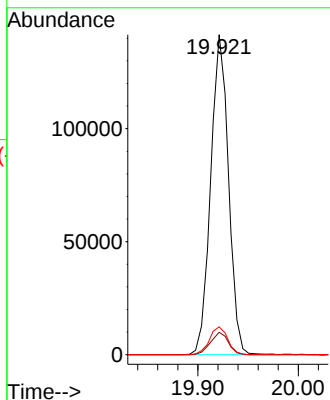
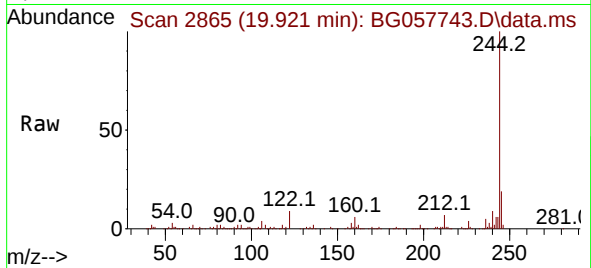




#79
 Terphenyl-d14
 Concen: 16.012 ng
 RT: 19.921 min Scan# 2865
 Delta R.T. -0.013 min
 Lab File: BG057743.D
 Acq: 16 Jun 2023 20:49

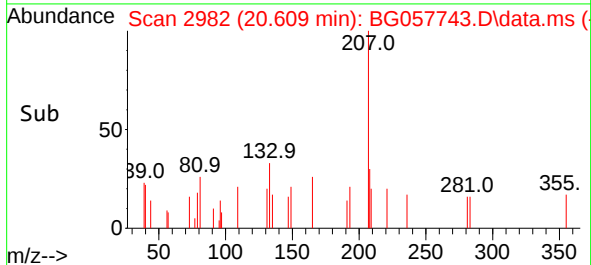
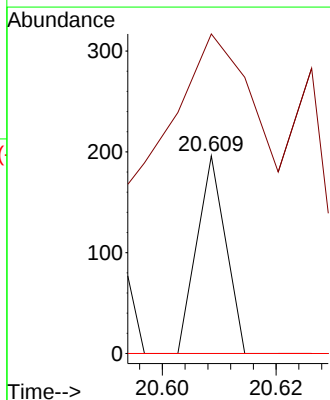
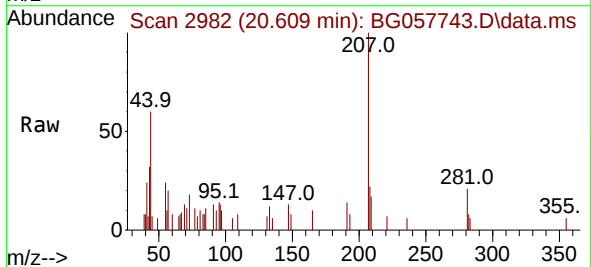
Instrument :
 BNA_G
 ClientSampleId :
 DMA-1103DL

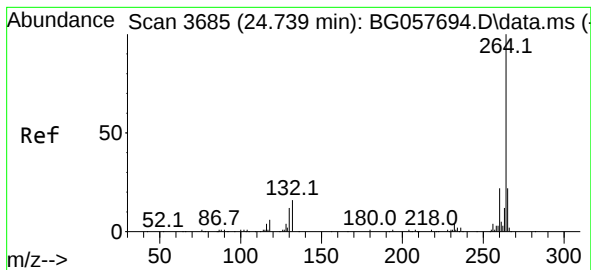
Tgt Ion:244 Resp: 174646
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.7 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 4.119 ng
 RT: 20.609 min Scan# 2982
 Delta R.T. -0.019 min
 Lab File: BG057743.D
 Acq: 16 Jun 2023 20:49

Tgt Ion:149 Resp: 69
 Ion Ratio Lower Upper
 149 100
 91 161.7 60.8 91.2#
 206 0.0 16.8 25.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.716 min Scan# 30
 Delta R.T. -0.019 min
 Lab File: BG057743.D
 Acq: 16 Jun 2023 20:49

Instrument :
 BNA_G
 ClientSampleId :
 DMA-1103DL

Tgt Ion:264 Resp: 241585
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.3 25.9
 265 22.7 17.5 26.3

