

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057747.D
 Acq On : 16 Jun 2023 23:38
 Operator : CG/JU
 Sample : 03251-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02

Quant Time: Jun 17 04:01:06 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)

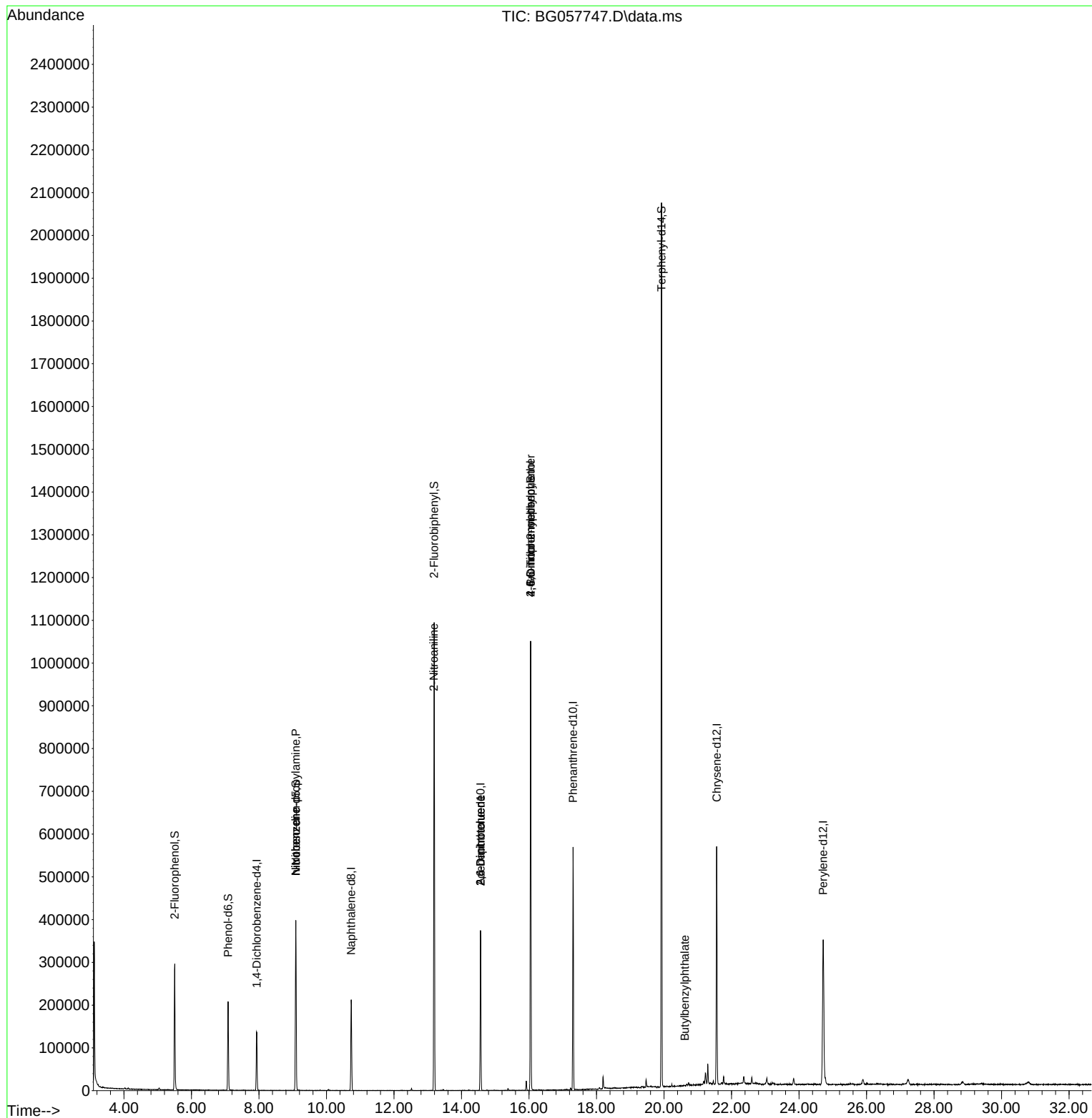
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	39010	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	174321	20.000	ng	-0.01
39) Acenaphthene-d10	14.563	164	134730	20.000	ng	-0.01
64) Phenanthrene-d10	17.307	188	353338	20.000	ng	-0.01
76) Chrysene-d12	21.560	240	308154	20.000	ng	-0.01
86) Perylene-d12	24.716	264	369422	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	123502	51.550	ng	0.00
7) Phenol-d6	7.083	99	119885	32.573	ng	-0.01
23) Nitrobenzene-d5	9.093	82	233788	83.557	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	205478	136.701	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	585638	64.793	ng	-0.01
79) Terphenyl-d14	19.927	244	1052597	63.154	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.093	70	29613	11.128	ng	# 75
24) Nitrobenzene	9.093	77	654	5.263	ng	# 44
48) 2-Nitroaniline	13.182	65	1068	4.800	ng	# 3
51) 2,6-Dinitrotoluene	14.563	165	17658	17.795	ng	# 13
57) 2,4-Dinitrotoluene	14.563	165	17658	14.769	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.049	198	601	2.681	ng	# 15
67) 4-Bromophenyl-phenylether	16.049	248	13497	3.751	ng	# 1
80) Butylbenzylphthalate	20.615	149	148	4.123	ng	# 56

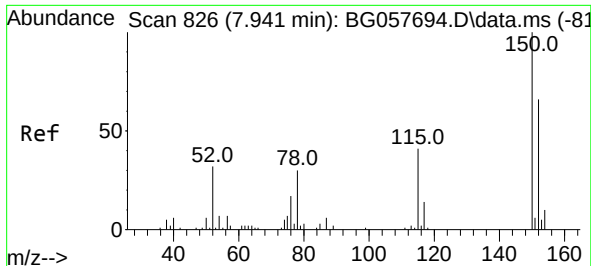
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
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QLast Update : Thu Jun 15 15:28:07 2023
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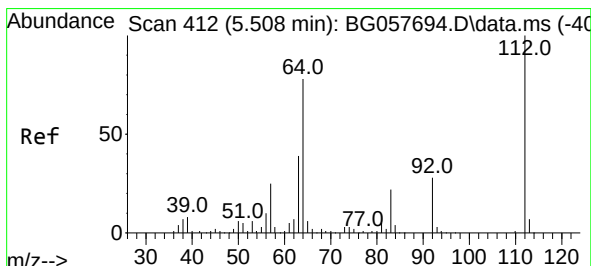
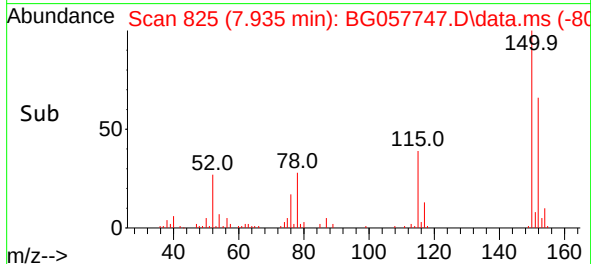
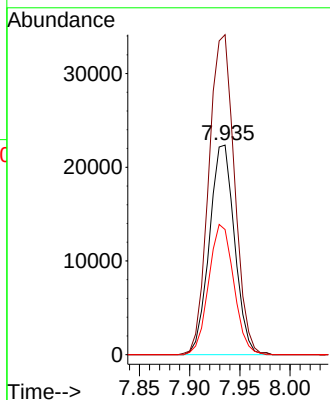
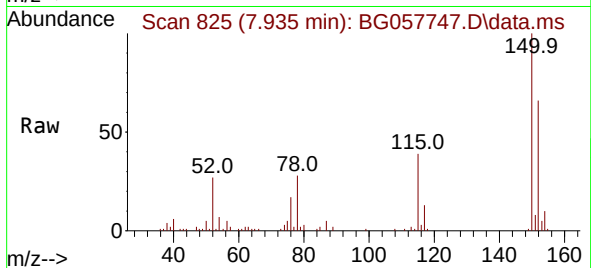




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

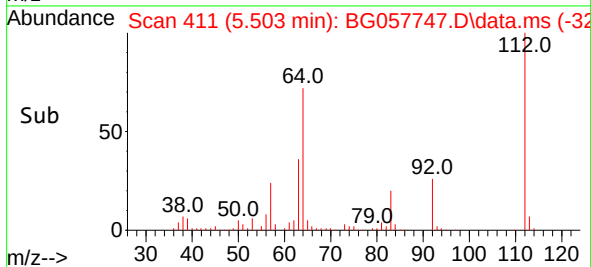
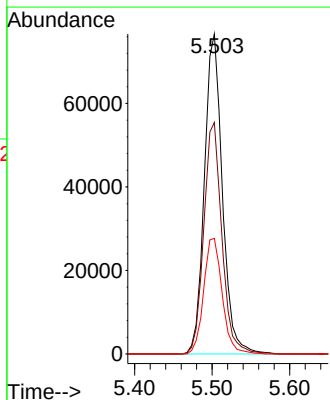
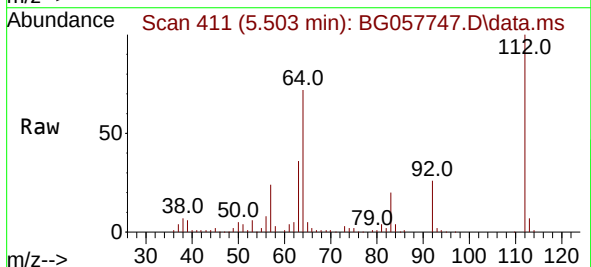
Instrument :
BNA_G
ClientSampleId :
MW-02

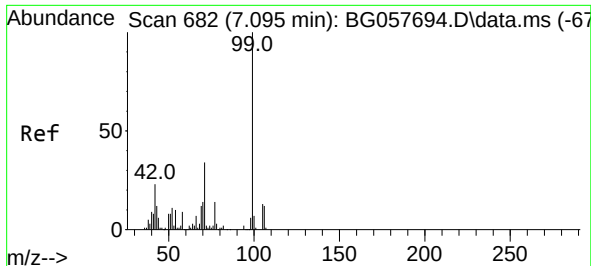
Tgt Ion:152 Resp: 39010
Ion Ratio Lower Upper
152 100
150 152.6 120.8 181.2
115 59.7 49.4 74.2



#5
2-Fluorophenol
Concen: 51.550 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.007 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

Tgt Ion:112 Resp: 123502
Ion Ratio Lower Upper
112 100
64 72.4 62.3 93.5
63 36.1 31.5 47.3

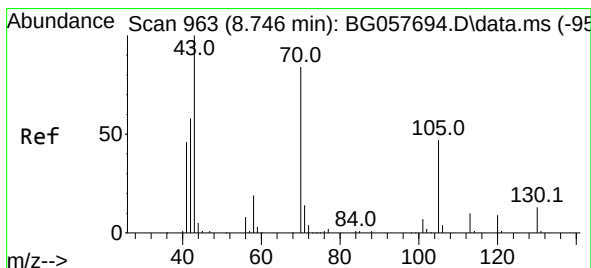
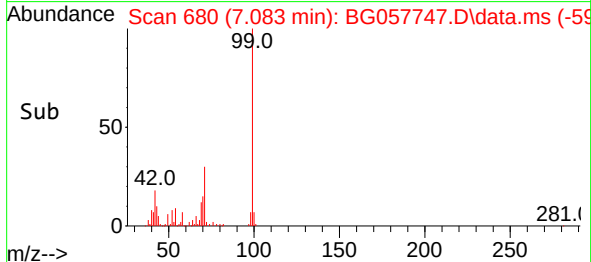
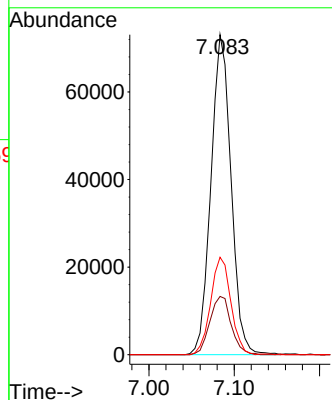
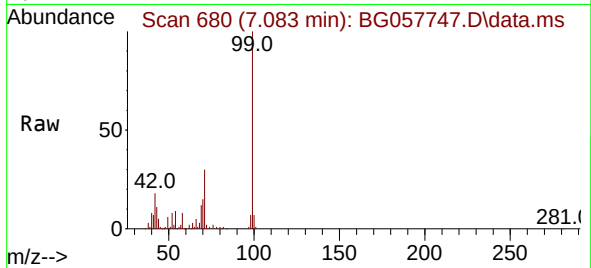




#7
Phenol-d6
Concen: 32.573 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

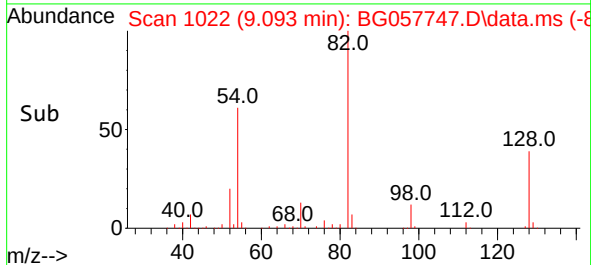
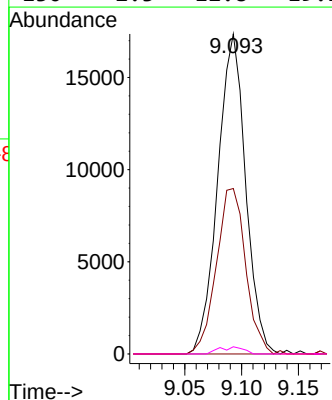
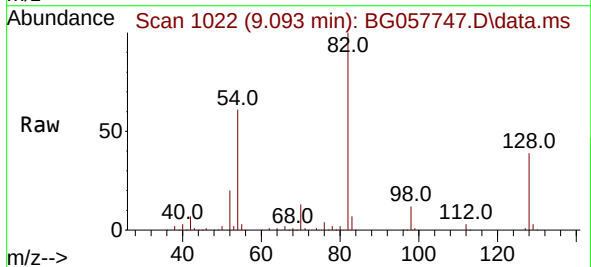
Instrument :
BNA_G
ClientSampleId :
MW-02

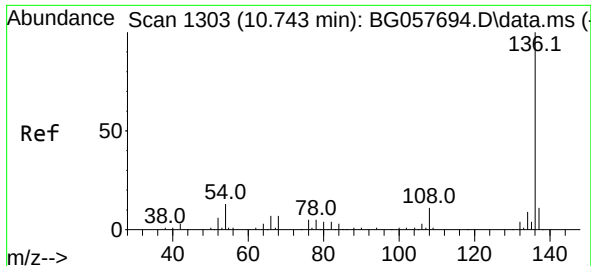
Tgt Ion: 99 Resp: 119885
Ion Ratio Lower Upper
99 100
42 18.2 18.3 27.5#
71 30.4 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.128 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.346 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

Tgt Ion: 70 Resp: 29613
Ion Ratio Lower Upper
70 100
42 51.7 56.6 84.8#
101 0.0 6.2 9.4#
130 2.3 12.8 19.2#

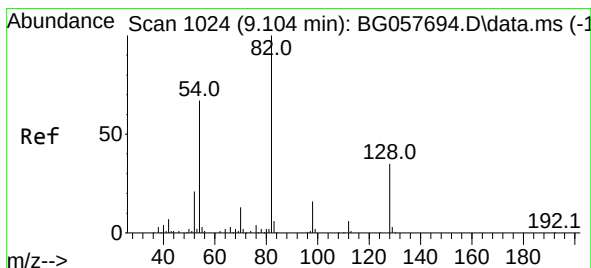
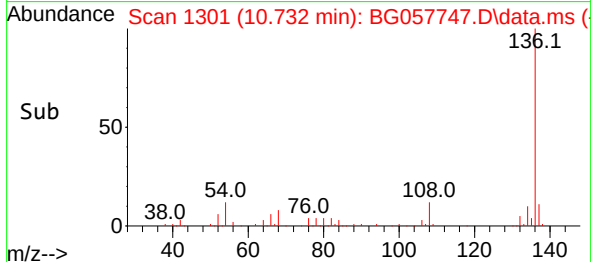
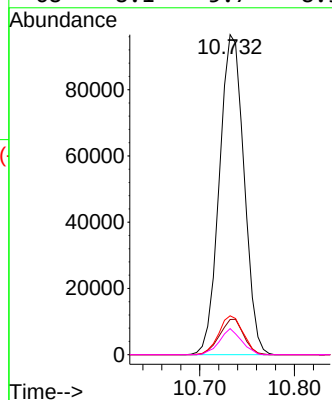
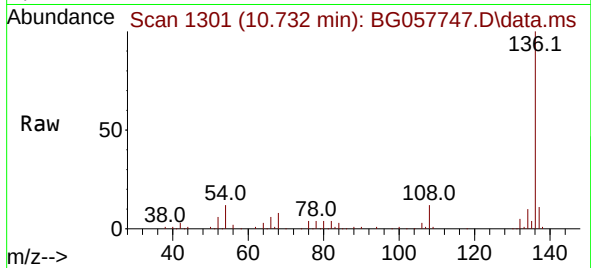




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

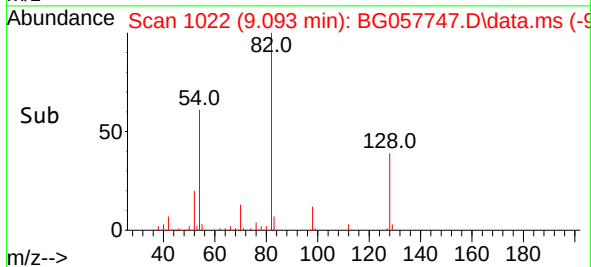
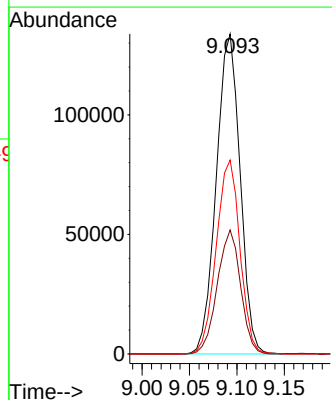
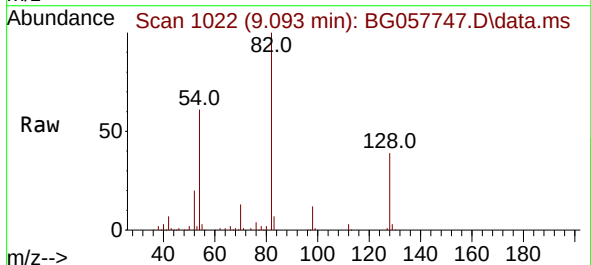
Instrument :
BNA_G
ClientSampleId :
MW-02

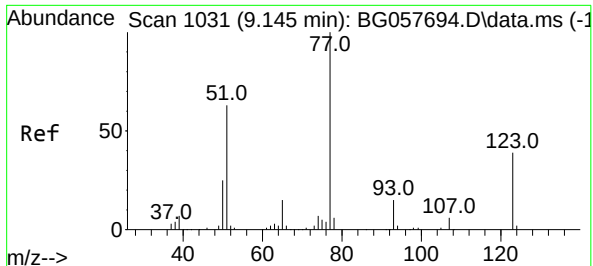
Tgt Ion:136 Resp: 174321
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 12.1 10.8 16.2
68 8.1 5.7 8.5



#23
Nitrobenzene-d5
Concen: 83.557 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.007 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

Tgt Ion: 82 Resp: 233788
Ion Ratio Lower Upper
82 100
128 38.8 27.7 41.5
54 60.6 53.8 80.8





#24

Nitrobenzene

Concen: 5.263 ng

RT: 9.093 min Scan# 1031

Delta R.T. -0.054 min

Lab File: BG057747.D

Acq: 16 Jun 2023 23:38

Instrument :

BNA_G

ClientSampleId :

MW-02

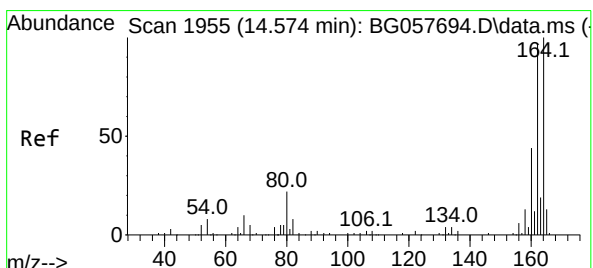
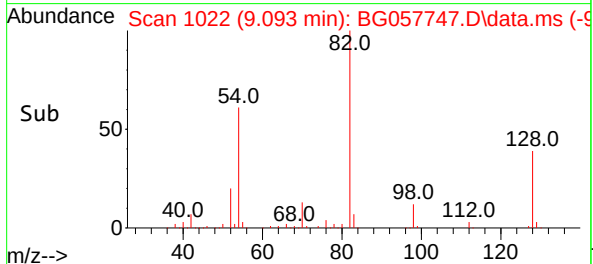
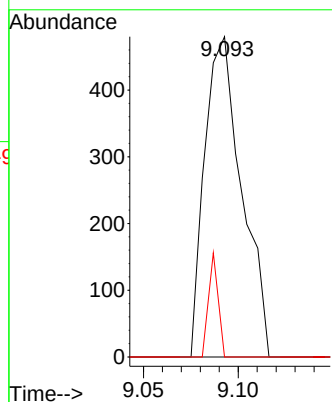
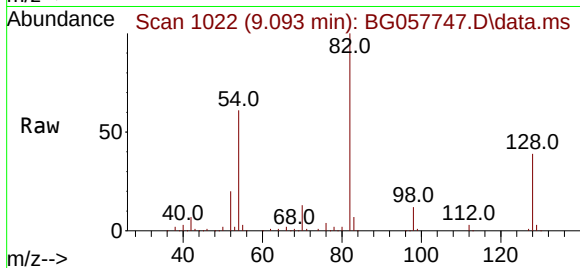
Tgt Ion: 77 Resp: 654

Ion Ratio Lower Upper

77 100

123 0.0 31.2 46.8#

65 0.0 11.6 17.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.013 min

Lab File: BG057747.D

Acq: 16 Jun 2023 23:38

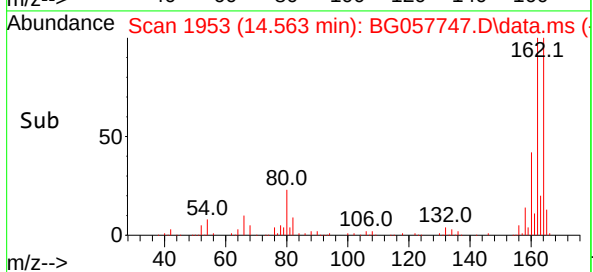
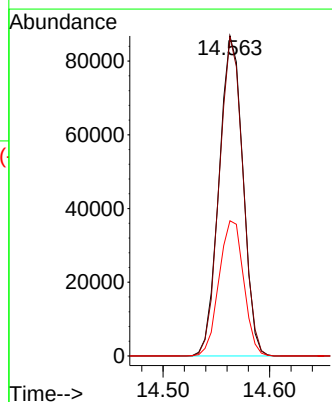
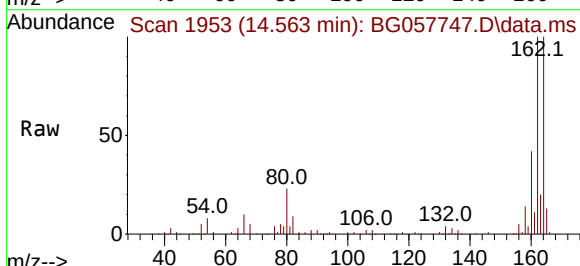
Tgt Ion:164 Resp: 134730

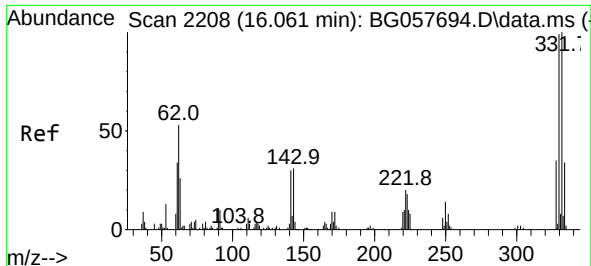
Ion Ratio Lower Upper

164 100

162 99.7 77.7 116.5

160 42.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 136.701 ng

RT: 16.049 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG057747.D

Acq: 16 Jun 2023 23:38

Instrument :

BNA_G

ClientSampleId :

MW-02

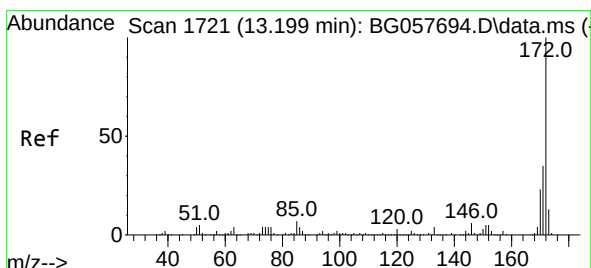
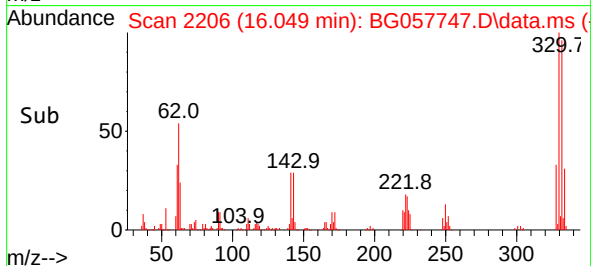
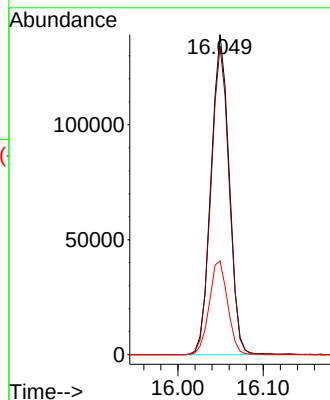
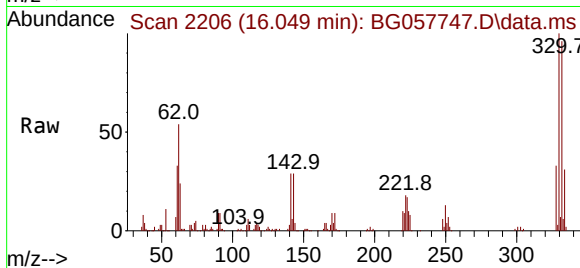
Tgt Ion:330 Resp: 205478

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.6

141 29.7 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 64.793 ng

RT: 13.188 min Scan# 1719

Delta R.T. -0.013 min

Lab File: BG057747.D

Acq: 16 Jun 2023 23:38

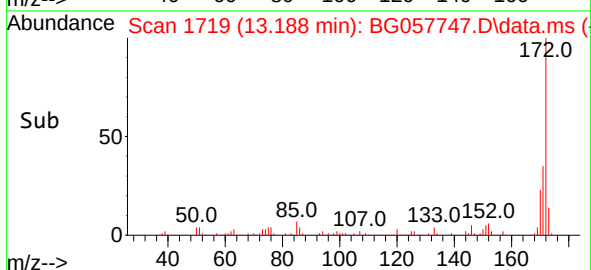
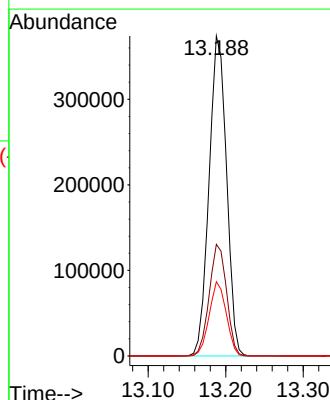
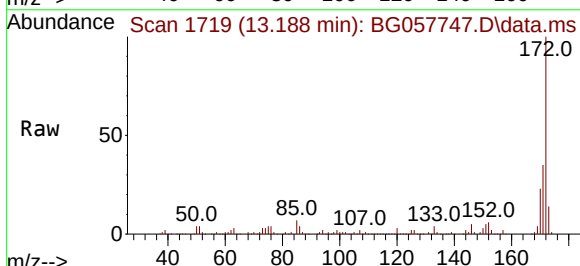
Tgt Ion:172 Resp: 585638

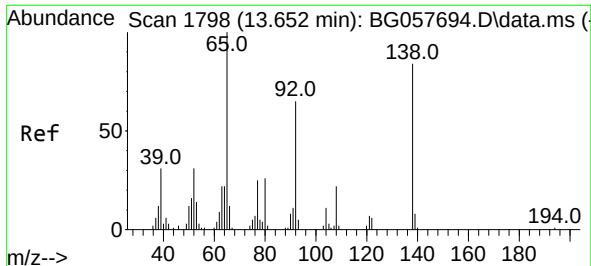
Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.2 18.2 27.4

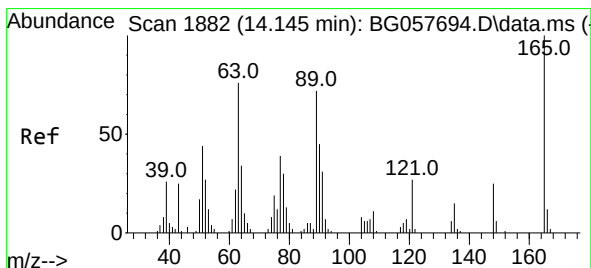
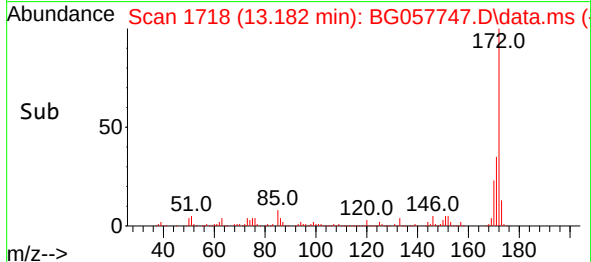
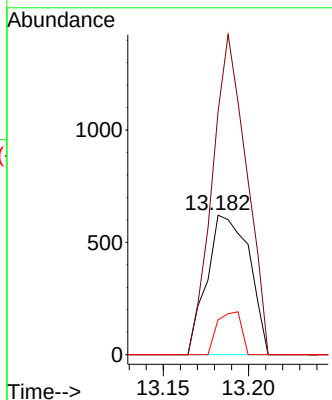
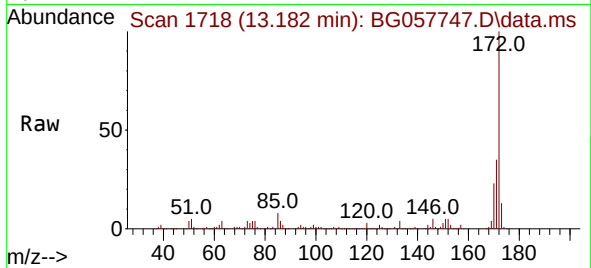




#48
2-Nitroaniline
Concen: 4.800 ng
RT: 13.182 min Scan# 11
Delta R.T. -0.471 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

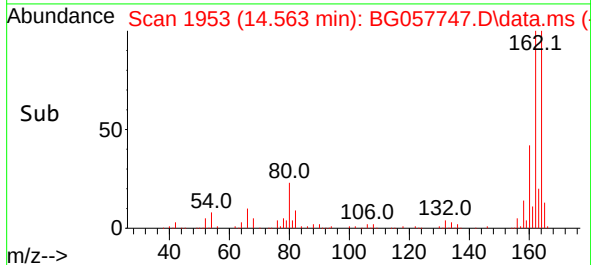
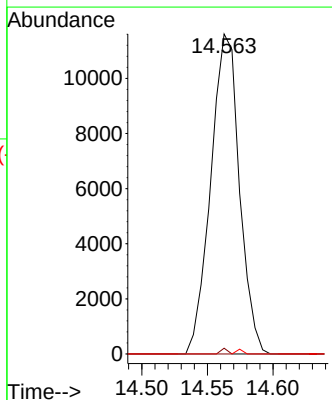
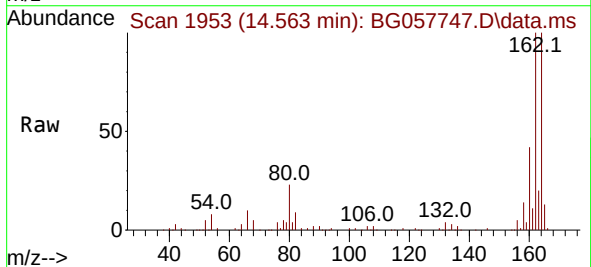
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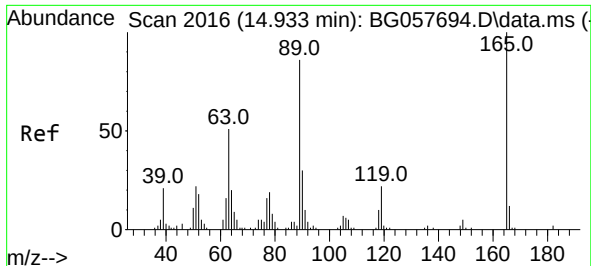
Tgt Ion: 65 Resp: 1068
Ion Ratio Lower Upper
65 100
92 174.1 52.2 78.4#
138 25.0 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 17.795 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.416 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

Tgt Ion:165 Resp: 17658
Ion Ratio Lower Upper
165 100
63 1.8 62.3 93.5#
89 0.0 57.4 86.0#





#57

2,4-Dinitrotoluene

Concen: 14.769 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.371 min

Lab File: BG057747.D

Acq: 16 Jun 2023 23:38

Instrument :

BNA_G

ClientSampleId :

MW-02

Tgt Ion:165 Resp: 17658

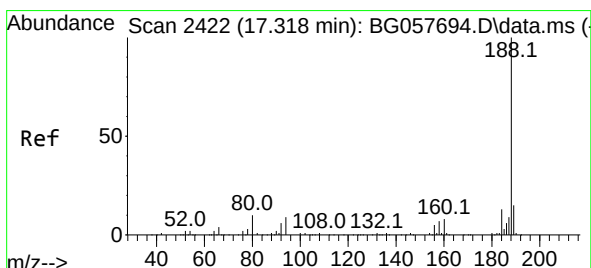
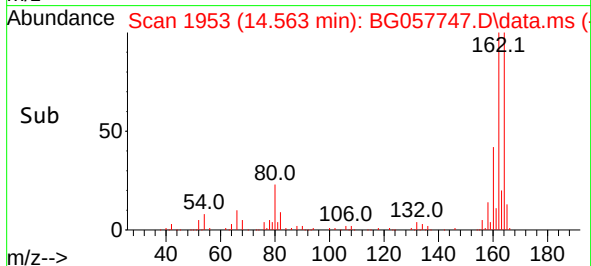
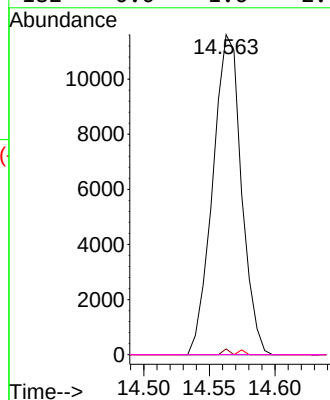
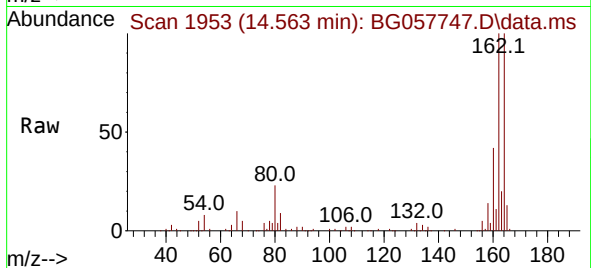
Ion Ratio Lower Upper

165 100

63 1.8 40.8 61.2#

89 0.0 68.5 102.7#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.307 min Scan# 2420

Delta R.T. -0.013 min

Lab File: BG057747.D

Acq: 16 Jun 2023 23:38

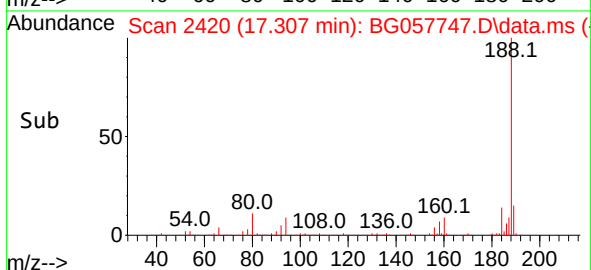
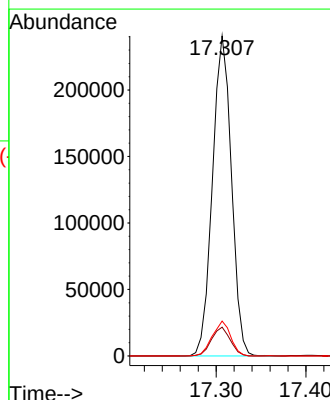
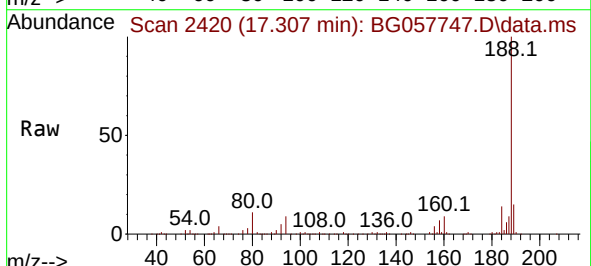
Tgt Ion:188 Resp: 353338

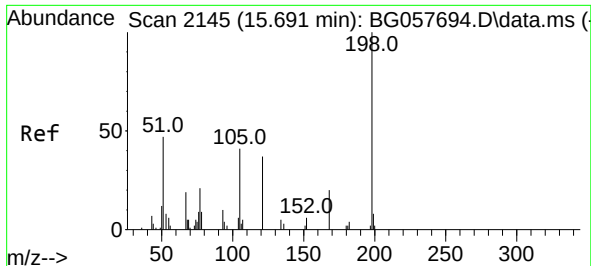
Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

80 10.9 8.2 12.4

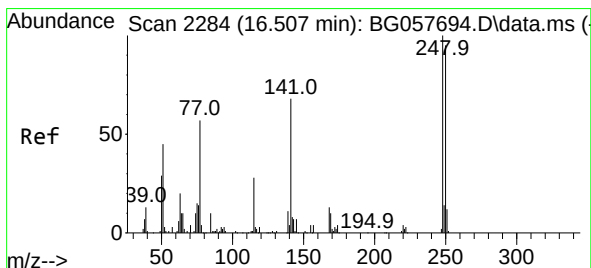
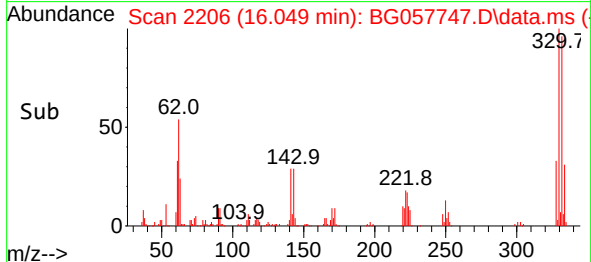
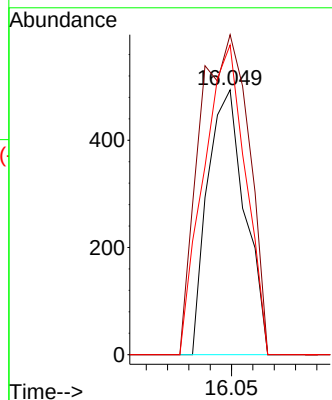
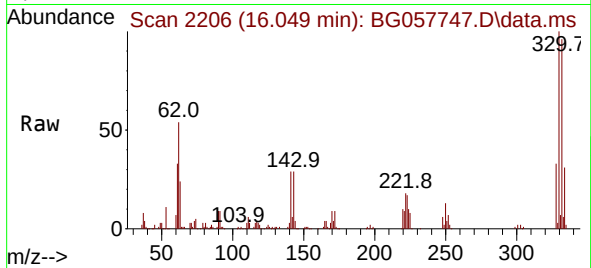




#65
4,6-Dinitro-2-methylphenol
Concen: 2.681 ng
RT: 16.049 min Scan# 2145
Delta R.T. 0.357 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

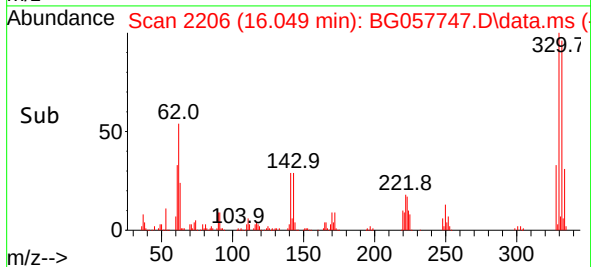
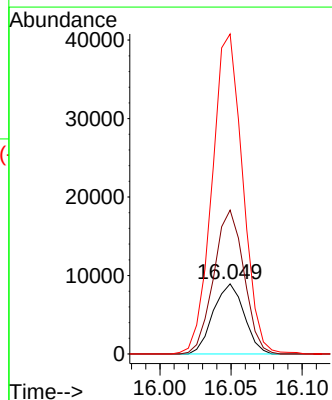
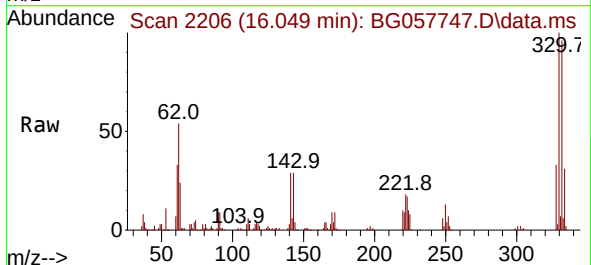
Instrument :
BNA_G
ClientSampleId :
MW-02

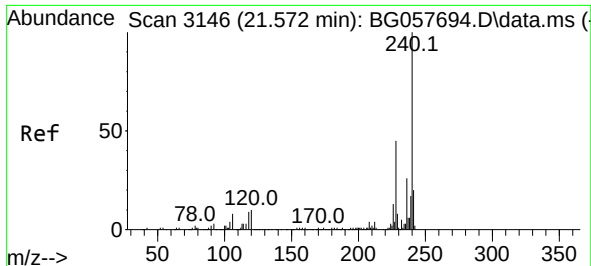
Tgt Ion:198 Resp: 601
Ion Ratio Lower Upper
198 100
51 120.9 42.0 82.0#
105 117.0 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 3.751 ng
RT: 16.049 min Scan# 2206
Delta R.T. -0.459 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

Tgt Ion:248 Resp: 13497
Ion Ratio Lower Upper
248 100
250 205.2 76.3 114.5#
141 456.4 54.6 82.0#

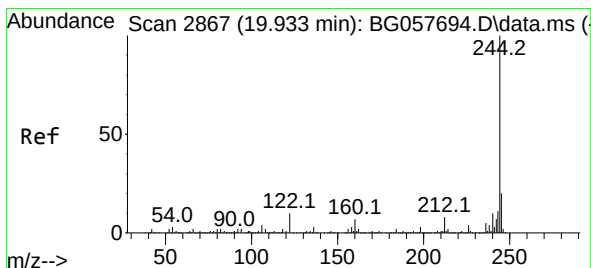
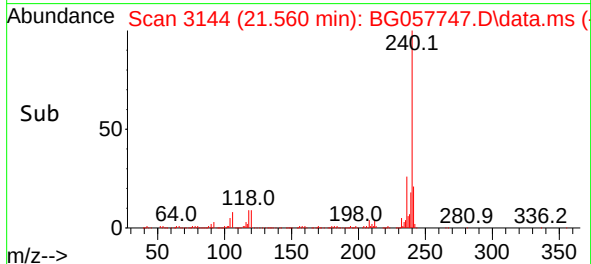
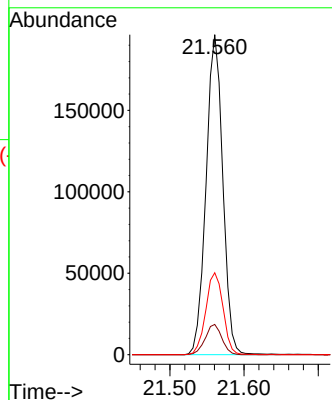
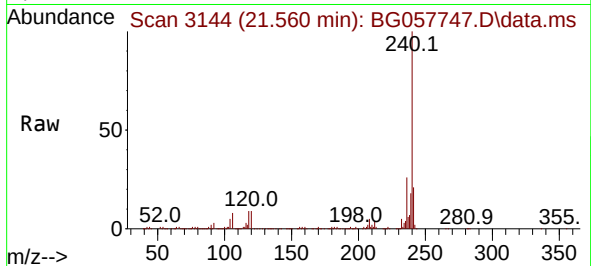




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3146
Delta R.T. -0.013 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

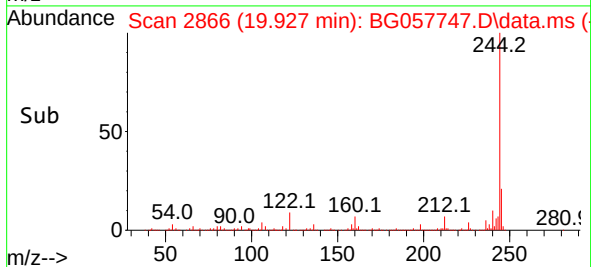
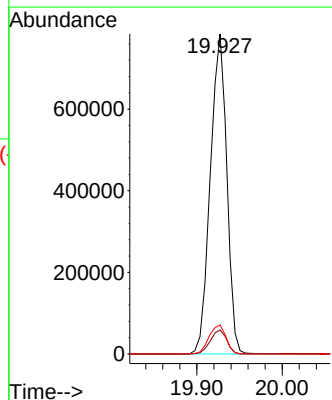
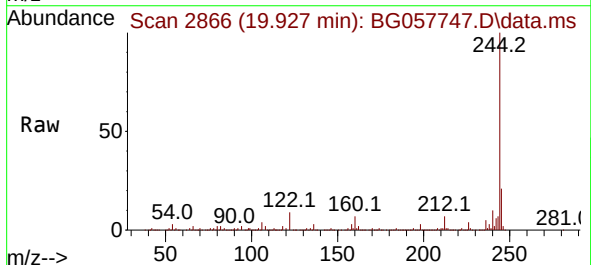
Instrument :
BNA_G
ClientSampleId :
MW-02

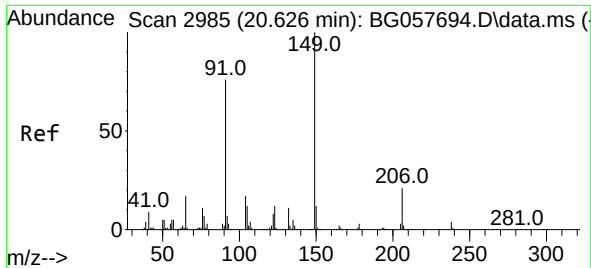
Tgt Ion:240 Resp: 308154
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 63.154 ng
RT: 19.927 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

Tgt Ion:244 Resp: 1052597
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 9.0 7.7 11.5

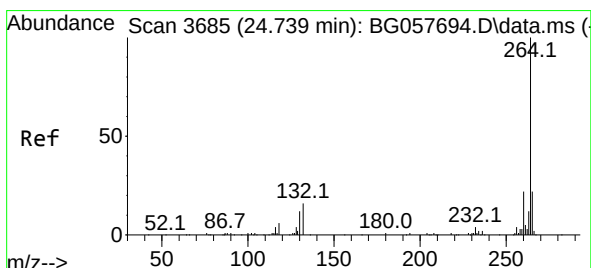
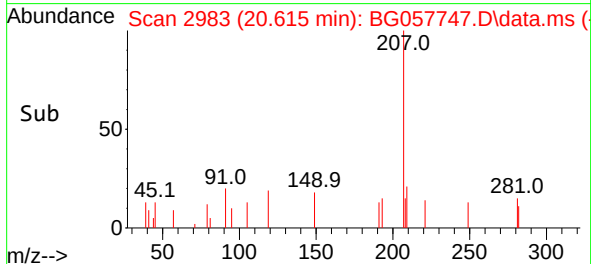
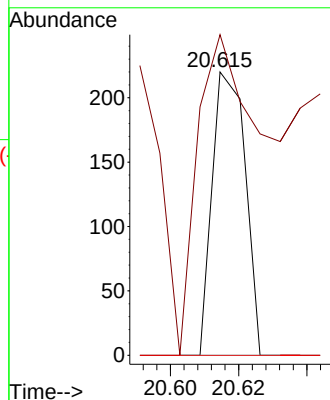
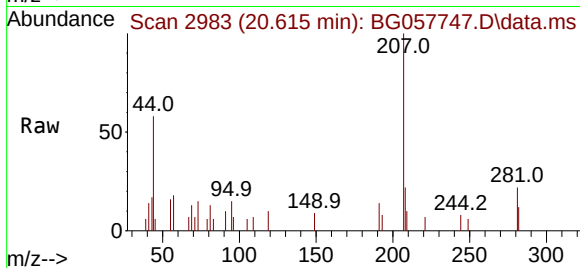




#80
Butylbenzylphthalate
Concen: 4.123 ng
RT: 20.615 min Scan# 2983
Delta R.T. -0.013 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

Instrument :
BNA_G
ClientSampleId :
MW-02

Tgt Ion:	149	Resp:	148
Ion Ratio	Lower	Upper	
149	100		
91	113.2	60.8	91.2#
206	0.0	16.8	25.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.716 min Scan# 3681
Delta R.T. -0.019 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

Tgt Ion:	264	Resp:	369422
Ion Ratio	Lower	Upper	
264	100		
260	23.6	17.3	25.9
265	22.3	17.5	26.3

