

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057748.D
 Acq On : 17 Jun 2023 00:21
 Operator : CG/JU
 Sample : 03251-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-05

Quant Time: Jun 17 04:01:22 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)

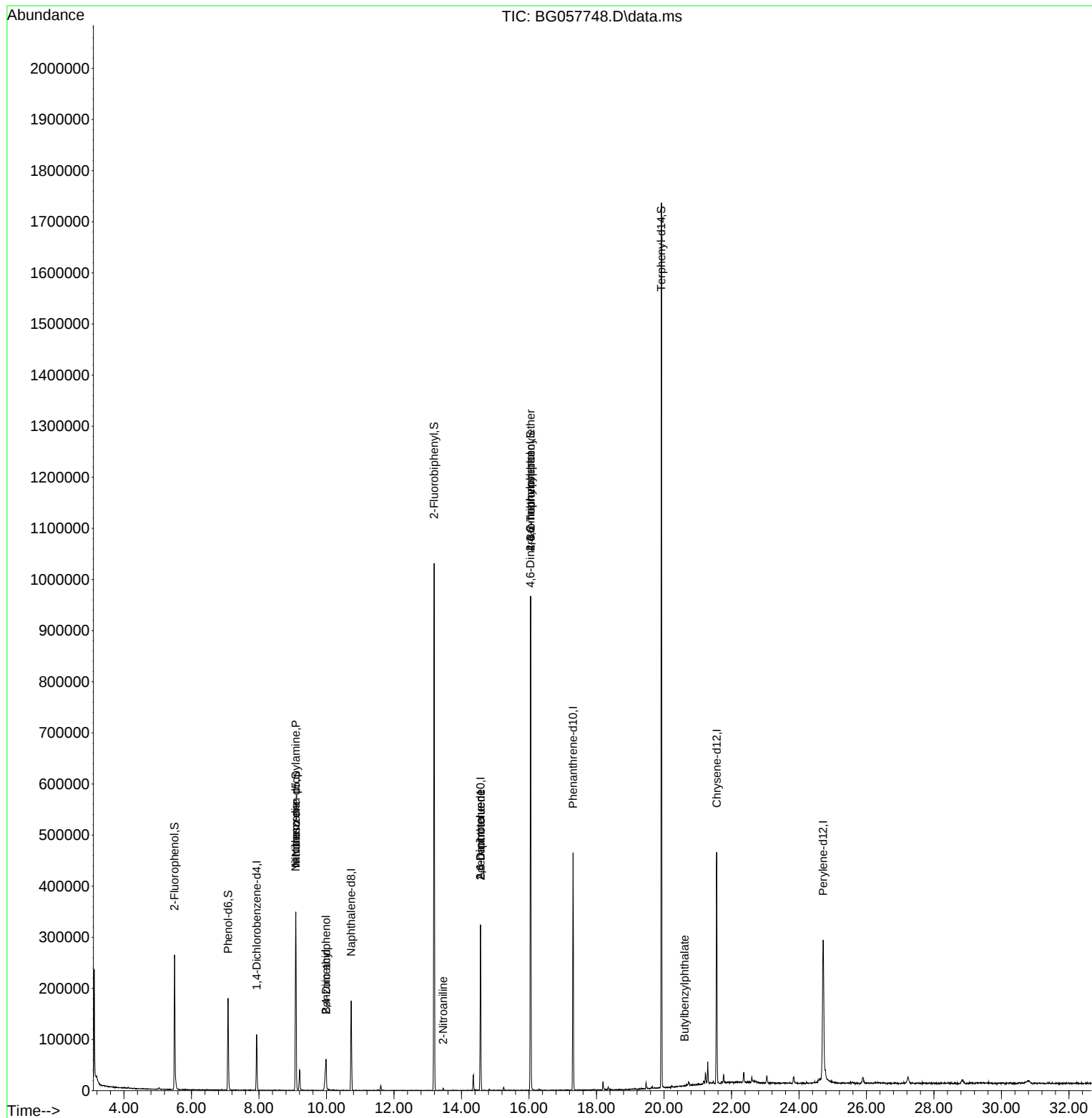
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	31111	20.000	ng	-0.01
21) Naphthalene-d8	10.733	136	145043	20.000	ng	-0.01
39) Acenaphthene-d10	14.564	164	112941	20.000	ng	-0.01
64) Phenanthrene-d10	17.308	188	293689	20.000	ng	-0.01
76) Chrysene-d12	21.562	240	248059	20.000	ng	-0.01
86) Perylene-d12	24.717	264	298061	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	116686	61.071	ng	-0.01
7) Phenol-d6	7.084	99	108717	37.039	ng	-0.01
23) Nitrobenzene-d5	9.094	82	210999	89.405	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	192294	152.610	ng	-0.01
45) 2-Fluorobiphenyl	13.189	172	536971	70.870	ng	-0.01
79) Terphenyl-d14	19.922	244	870265	64.864	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.094	70	26081	12.289	ng	# 76
24) Nitrobenzene	9.088	77	732	5.327	ng	# 44
27) 2,4-Dimethylphenol	9.987	122	31611	14.081	ng	# 1
32) Benzoic acid	9.987	122	31611	36.034	ng	94
48) 2-Nitroaniline	13.453	65	59	4.103	ng	# 12
51) 2,6-Dinitrotoluene	14.564	165	14608	17.632	ng	# 14
57) 2,4-Dinitrotoluene	14.564	165	14608	14.639	ng	# 17
65) 4,6-Dinitro-2-methylph...	16.045	198	523	2.745	ng	# 1
67) 4-Bromophenyl-phenylether	16.050	248	12638	4.226	ng	# 1
80) Butylbenzylphthalate	20.610	149	56	4.114	ng	# 72

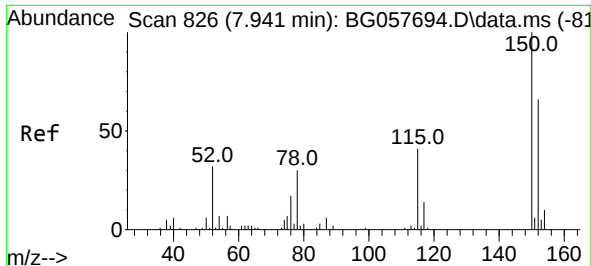
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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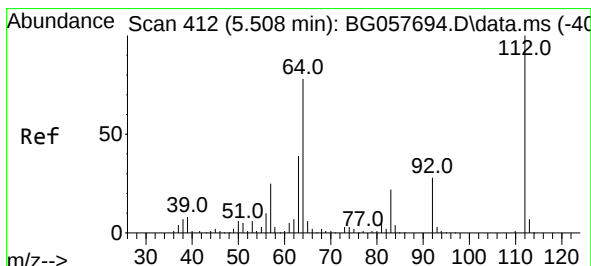
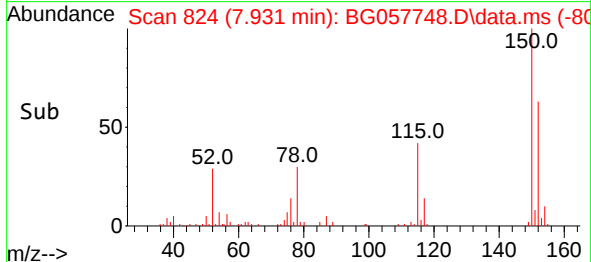
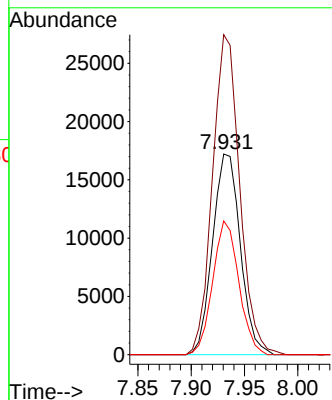
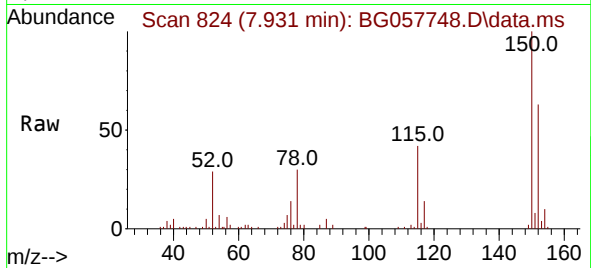




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

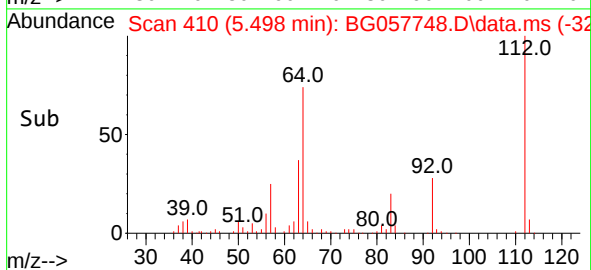
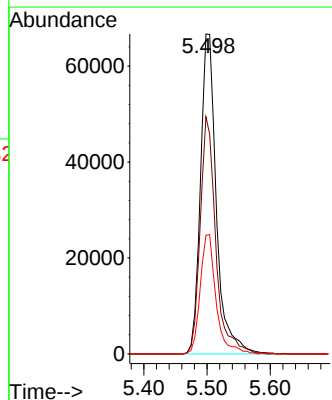
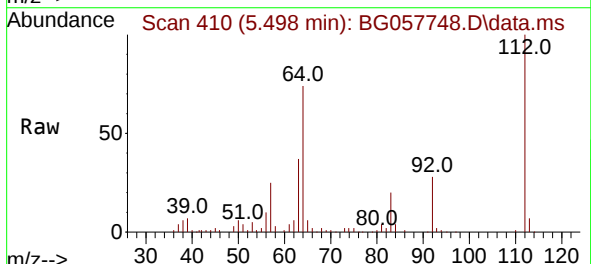
Instrument :
BNA_G
ClientSampleId :
TWP-05

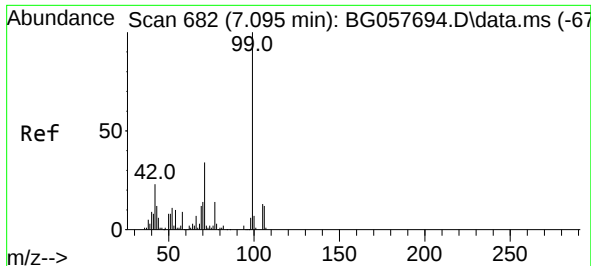
Tgt Ion:152 Resp: 31111
Ion Ratio Lower Upper
152 100
150 159.5 120.8 181.2
115 66.7 49.4 74.2



#5
2-Fluorophenol
Concen: 61.071 ng
RT: 5.498 min Scan# 410
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

Tgt Ion:112 Resp: 116686
Ion Ratio Lower Upper
112 100
64 74.1 62.3 93.5
63 37.1 31.5 47.3

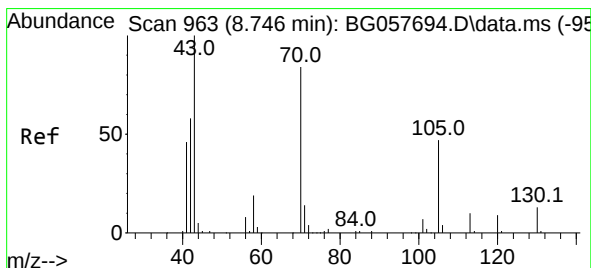
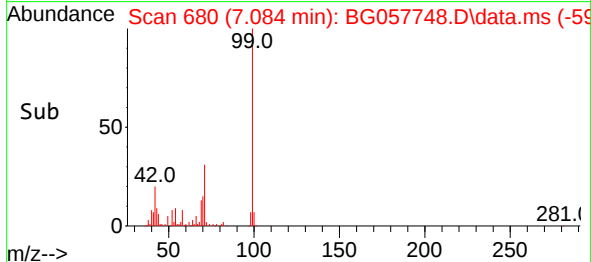
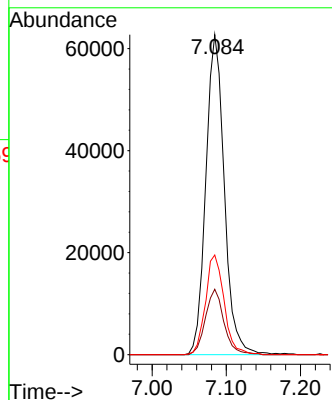
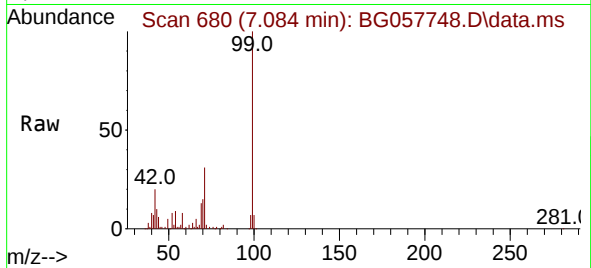




#7
Phenol-d6
Concen: 37.039 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

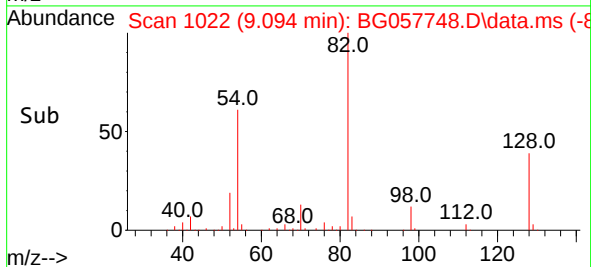
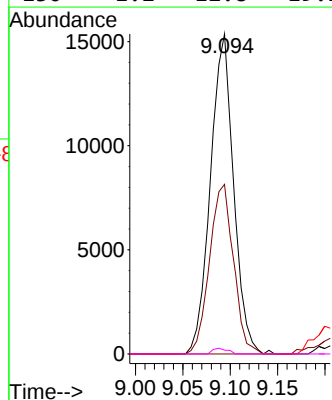
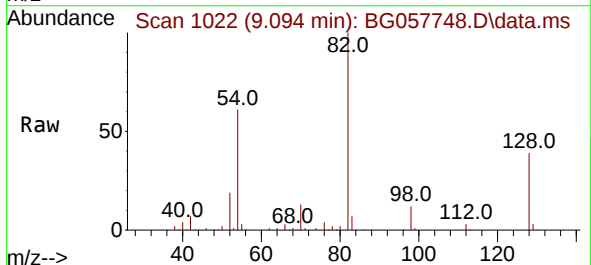
Instrument :
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ClientSampleId :
TWP-05

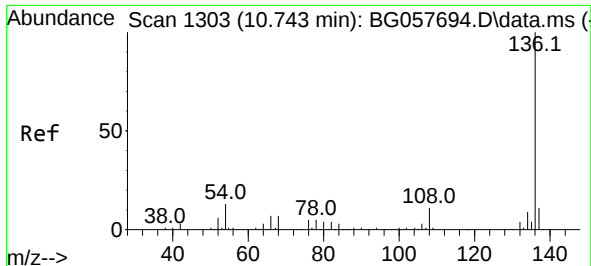
Tgt Ion: 99 Resp: 108717
Ion Ratio Lower Upper
99 100
42 20.4 18.3 27.5
71 31.2 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.289 ng
RT: 9.094 min Scan# 1022
Delta R.T. 0.347 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

Tgt Ion: 70 Resp: 26081
Ion Ratio Lower Upper
70 100
42 53.0 56.6 84.8#
101 0.0 6.2 9.4#
130 1.2 12.8 19.2#

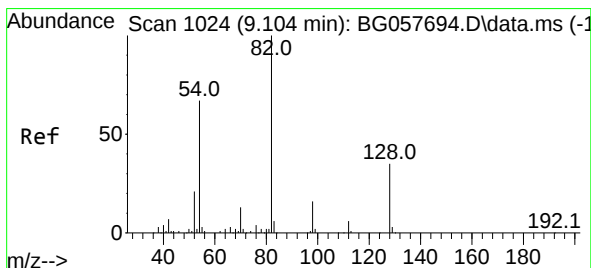
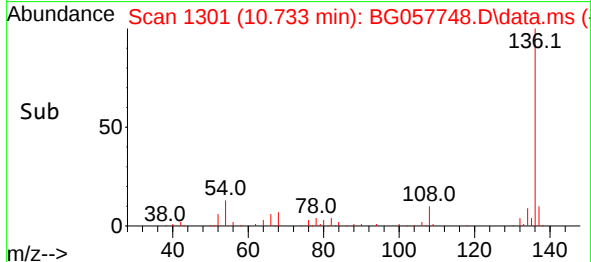
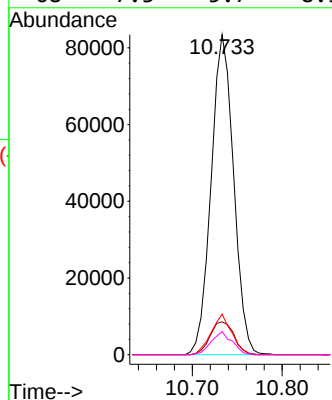
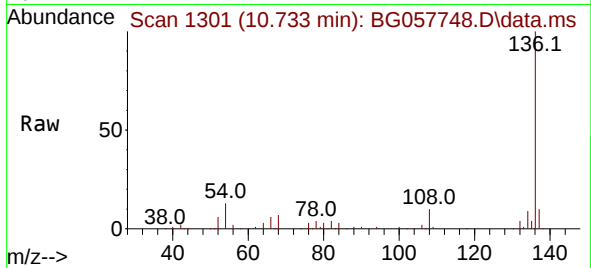




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

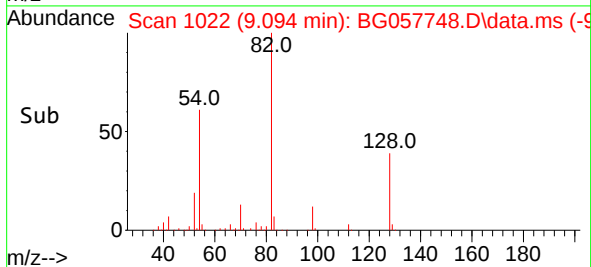
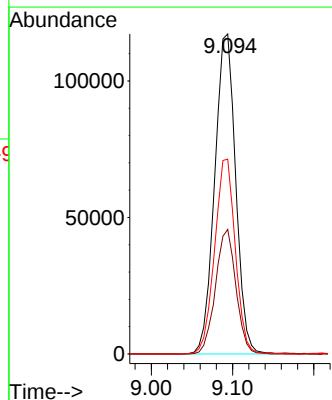
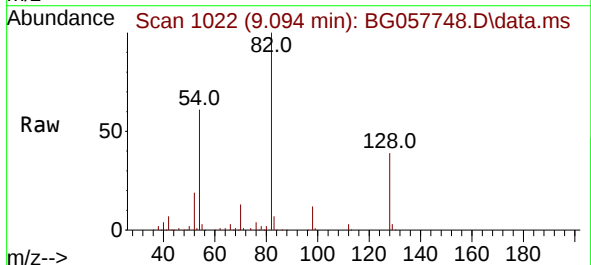
Instrument :
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ClientSampleId :
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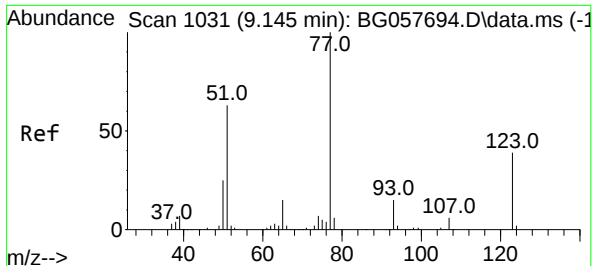
Tgt Ion:	136	Resp:	145043
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	12.6	10.8	16.2
68	7.3	5.7	8.5



#23
Nitrobenzene-d5
Concen: 89.405 ng
RT: 9.094 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

Tgt Ion:	82	Resp:	210999
Ion	Ratio	Lower	Upper
82	100		
128	38.9	27.7	41.5
54	60.9	53.8	80.8

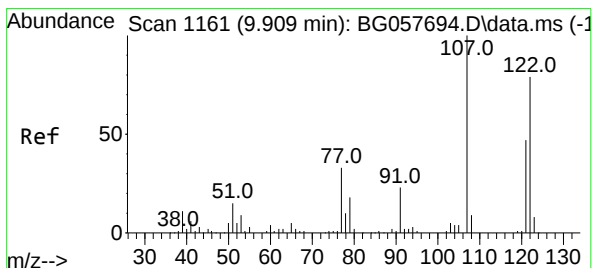
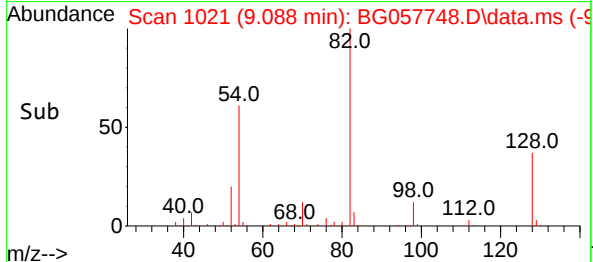
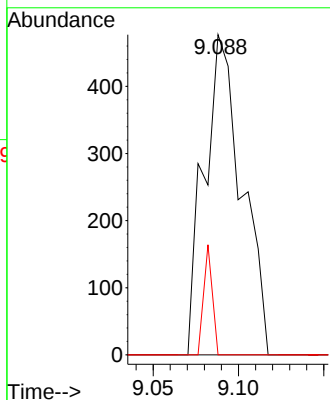
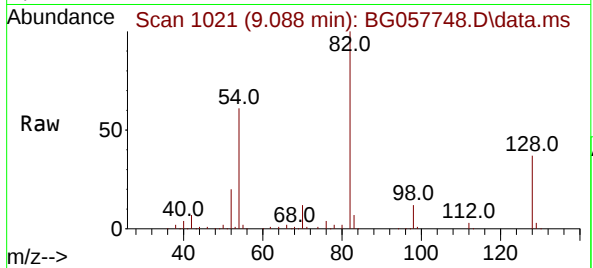




#24
Nitrobenzene
Concen: 5.327 ng
RT: 9.088 min Scan# 1174
Delta R.T. -0.059 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

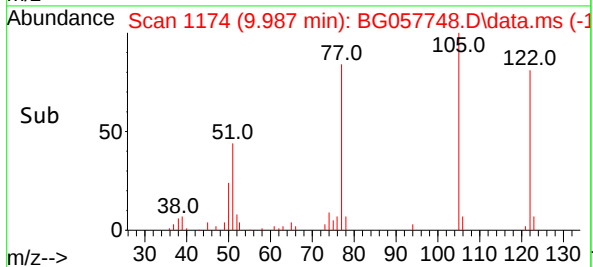
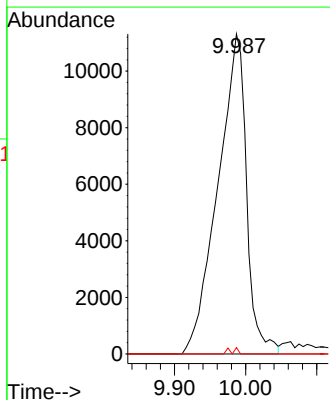
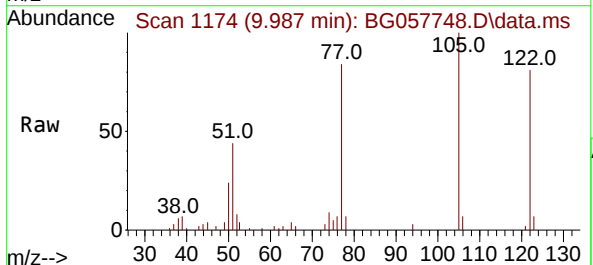
Instrument :
BNA_G
ClientSampleId :
TWP-05

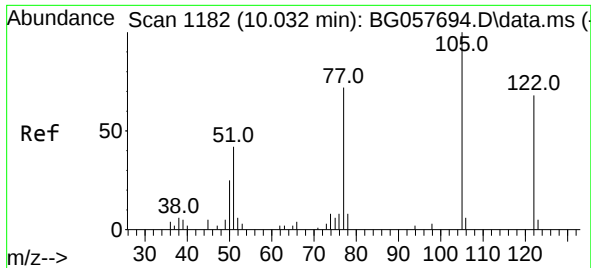
Tgt Ion: 77 Resp: 732
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 0.0 11.6 17.4#



#27
2,4-Dimethylphenol
Concen: 14.081 ng
RT: 9.987 min Scan# 1174
Delta R.T. 0.077 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

Tgt Ion: 122 Resp: 31611
Ion Ratio Lower Upper
122 100
107 0.0 100.6 150.8#
121 2.0 47.4 71.2#

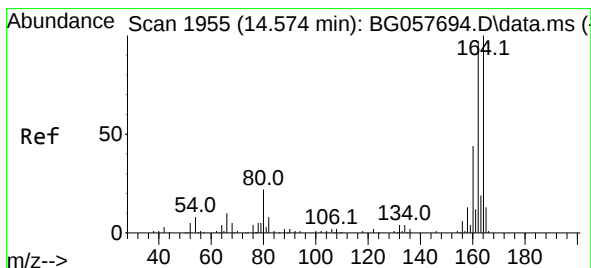
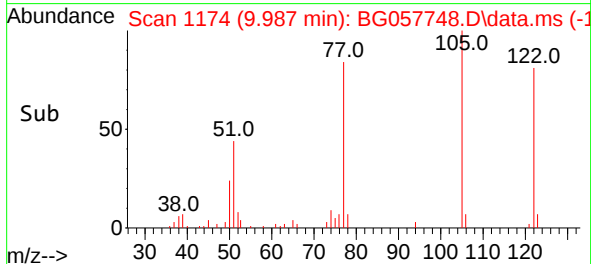
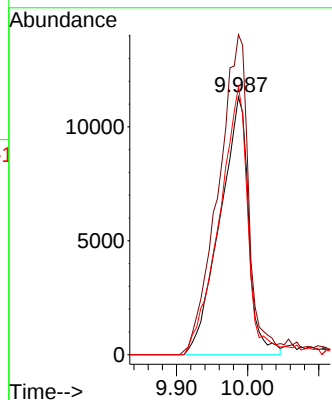
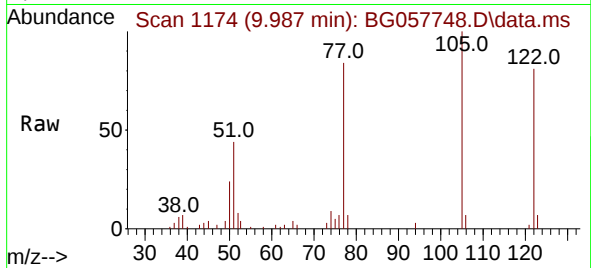




#32
Benzoic acid
Concen: 36.034 ng
RT: 9.987 min Scan# 1182
Delta R.T. -0.047 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

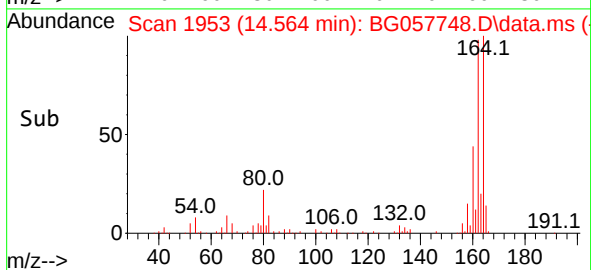
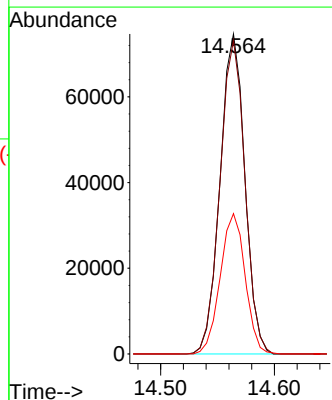
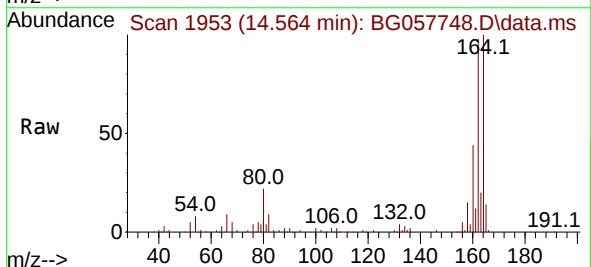
Instrument :
BNA_G
ClientSampleId :
TWP-05

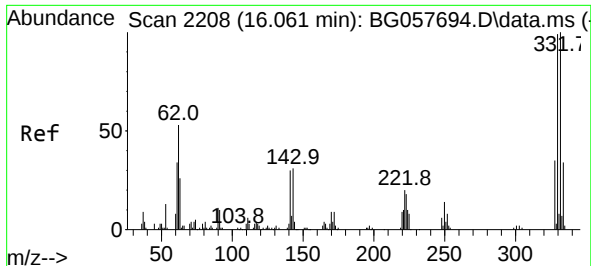
Tgt Ion:122 Resp: 31611
Ion Ratio Lower Upper
122 100
105 124.1 113.8 153.8
77 103.9 81.0 121.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

Tgt Ion:164 Resp: 112941
Ion Ratio Lower Upper
164 100
162 97.9 77.7 116.5
160 43.8 35.1 52.7

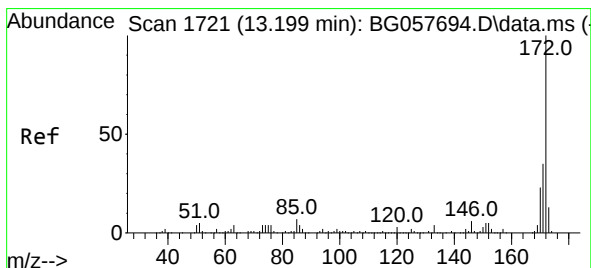
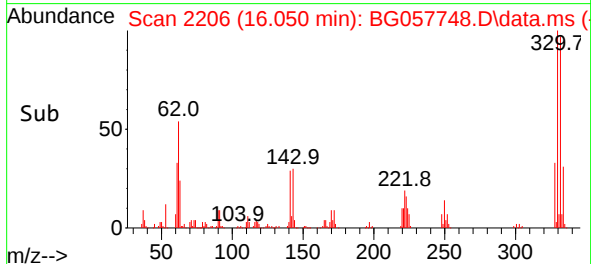
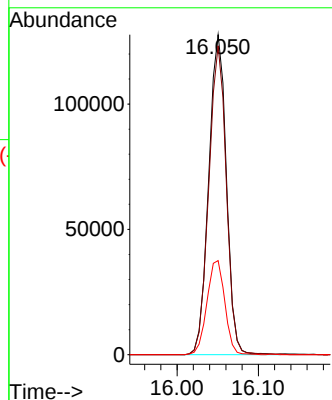
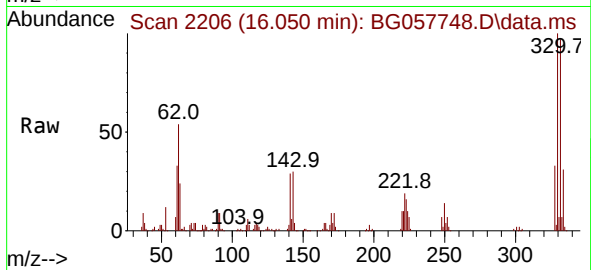




#42
2,4,6-Tribromophenol
Concen: 152.610 ng
RT: 16.050 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

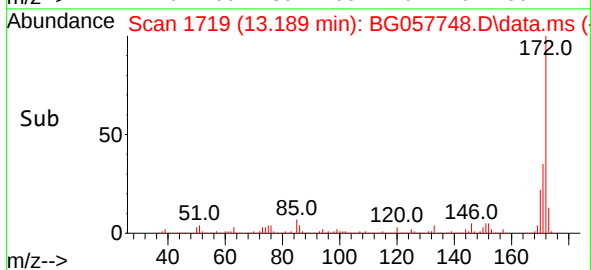
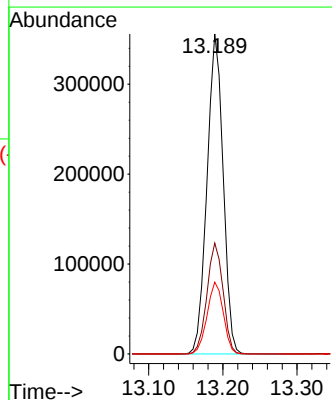
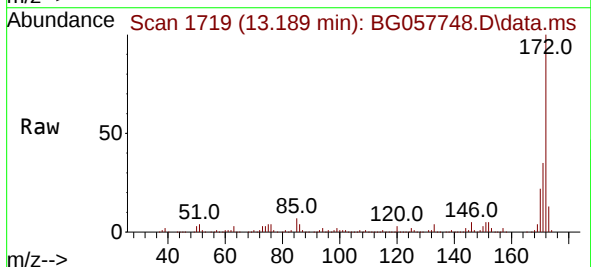
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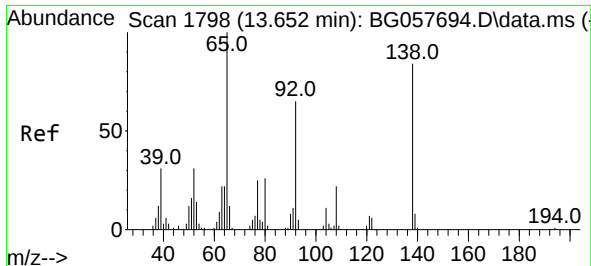
Tgt Ion:330 Resp: 192294
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.6
141 29.8 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 70.870 ng
RT: 13.189 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

Tgt Ion:172 Resp: 536971
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 22.5 18.2 27.4

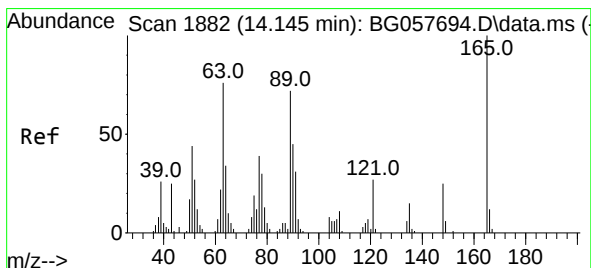
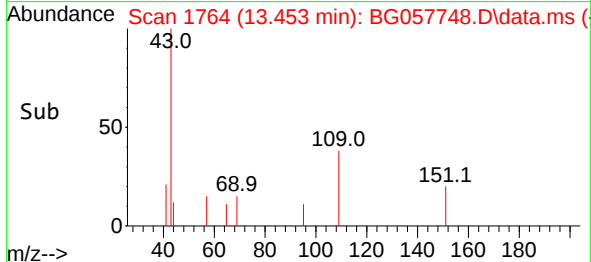
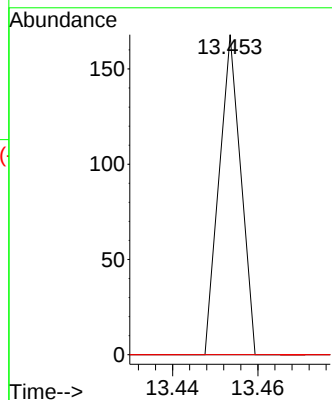
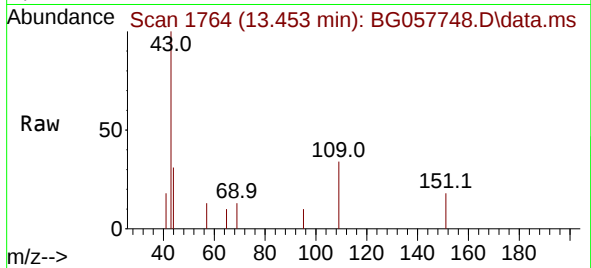




#48
2-Nitroaniline
Concen: 4.103 ng
RT: 13.453 min Scan# 11
Delta R.T. -0.200 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

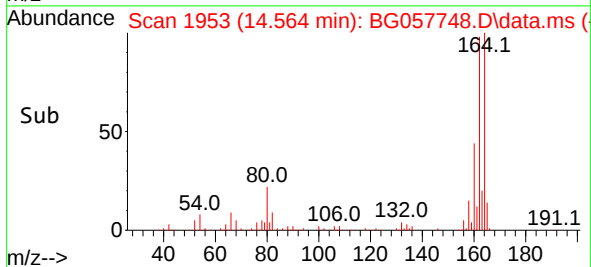
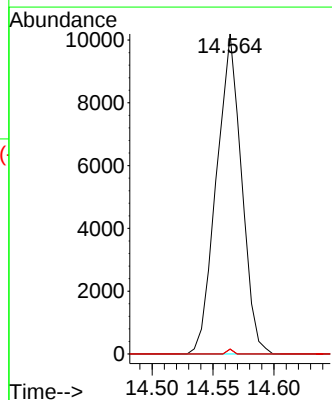
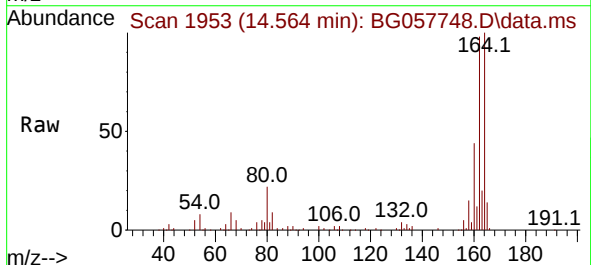
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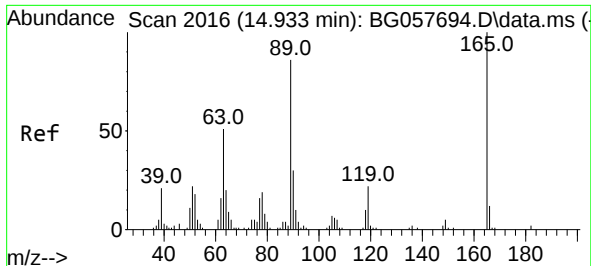
Tgt Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 0.0 52.2 78.4#
138 0.0 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 17.632 ng
RT: 14.564 min Scan# 1953
Delta R.T. 0.417 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

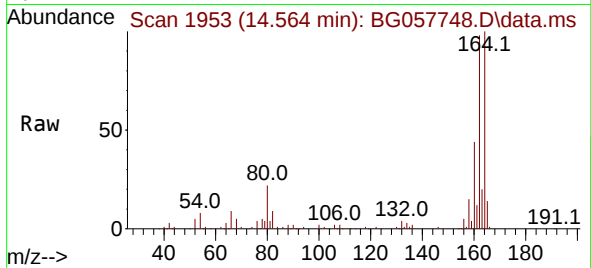
Tgt Ion:165 Resp: 14608
Ion Ratio Lower Upper
165 100
63 1.5 62.3 93.5#
89 1.5 57.4 86.0#



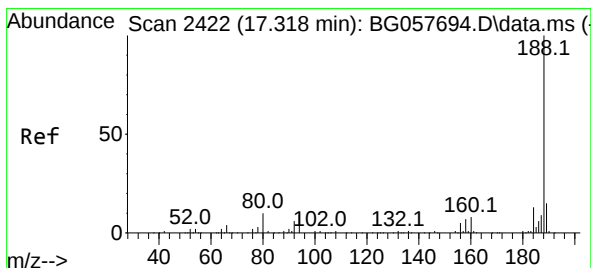
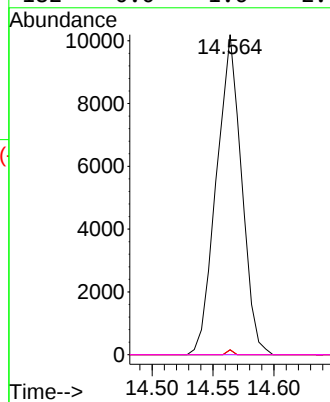
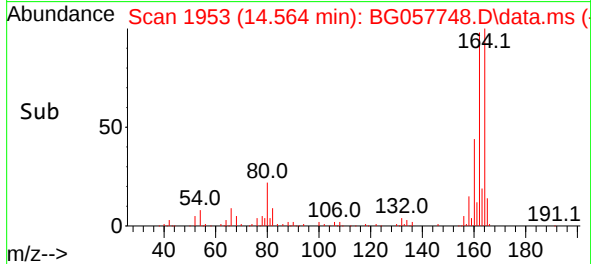


#57
2,4-Dinitrotoluene
Concen: 14.639 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.370 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

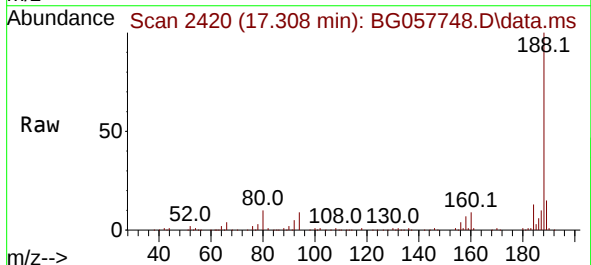
Instrument :
BNA_G
ClientSampleId :
TWP-05



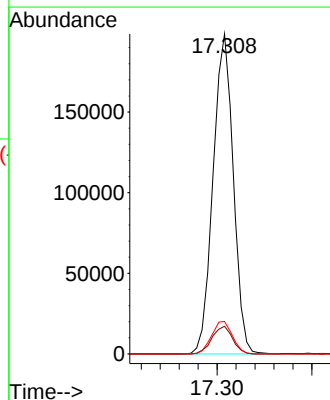
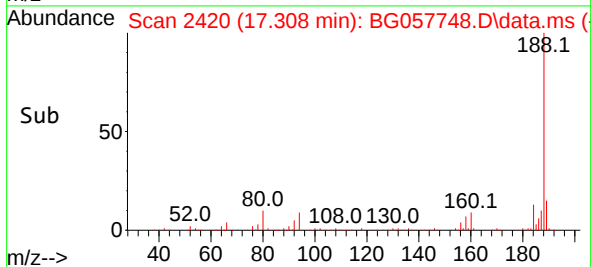
Tgt Ion:165 Resp: 14608
Ion Ratio Lower Upper
165 100
63 1.5 40.8 61.2#
89 1.5 68.5 102.7#
182 0.0 1.6 2.4#

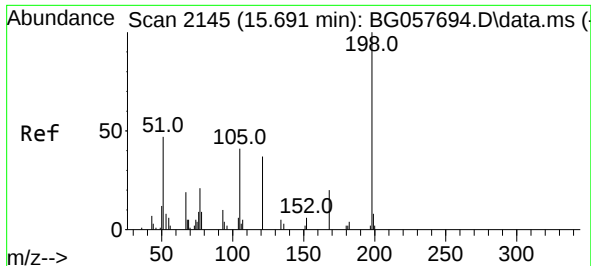


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.308 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21



Tgt Ion:188 Resp: 293689
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 10.1 8.2 12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 2.745 ng

RT: 16.045 min Scan# 2145

Delta R.T. 0.353 min

Lab File: BG057748.D

Acq: 17 Jun 2023 00:21

Instrument :

BNA_G

ClientSampleId :

TWP-05

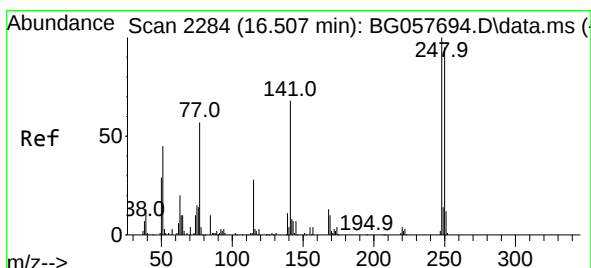
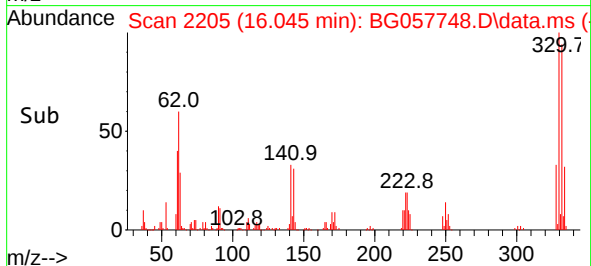
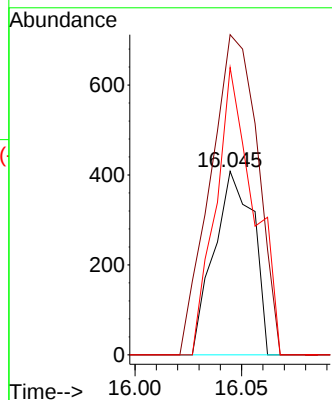
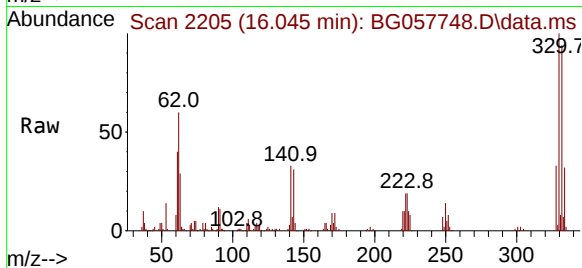
Tgt Ion:198 Resp: 523

Ion Ratio Lower Upper

198 100

51 174.5 42.0 82.0#

105 156.6 30.9 70.9#



#67

4-Bromophenyl-phenylether

Concen: 4.226 ng

RT: 16.050 min Scan# 2206

Delta R.T. -0.458 min

Lab File: BG057748.D

Acq: 17 Jun 2023 00:21

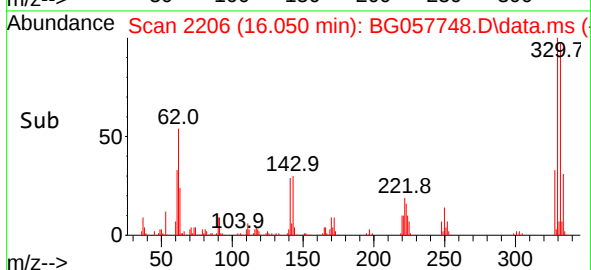
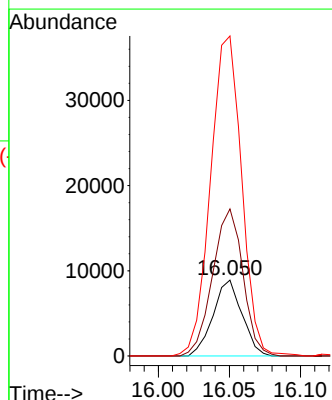
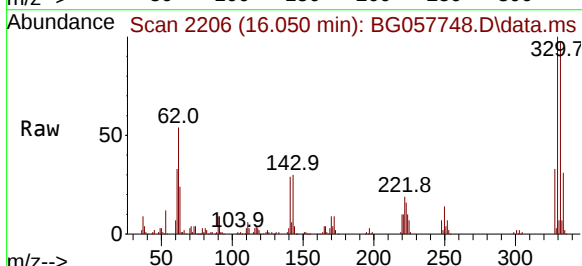
Tgt Ion:248 Resp: 12638

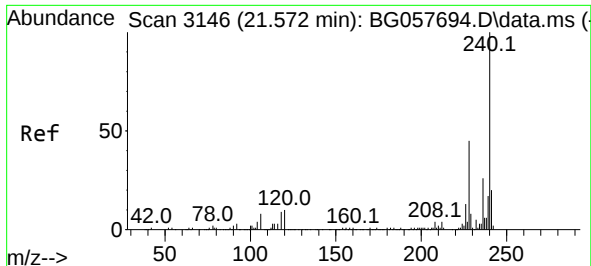
Ion Ratio Lower Upper

248 100

250 193.9 76.3 114.5#

141 421.8 54.6 82.0#

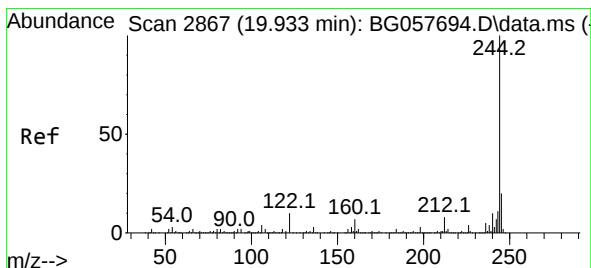
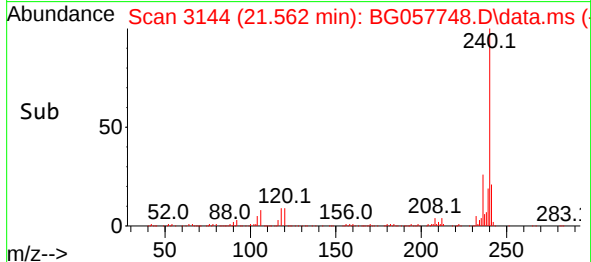
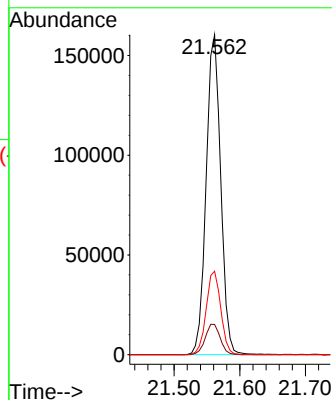
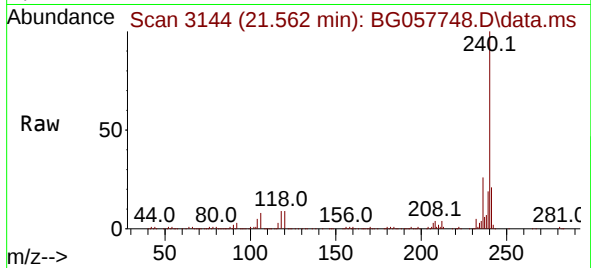




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.562 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

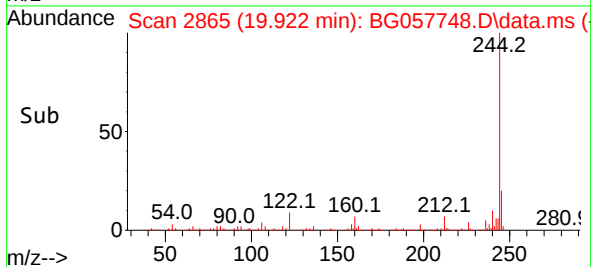
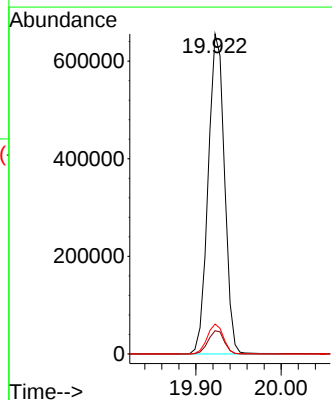
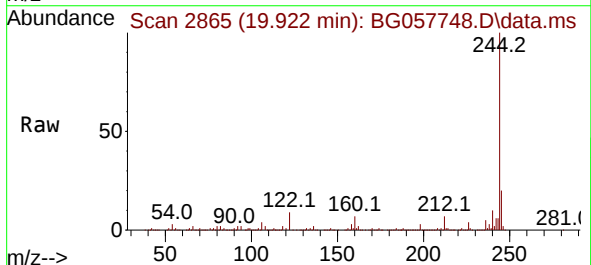
Instrument :
BNA_G
ClientSampleId :
TWP-05

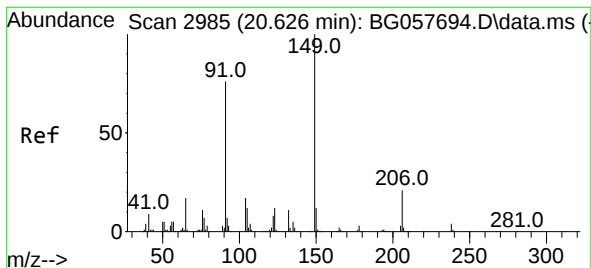
Tgt Ion:240 Resp: 248059
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 26.1 20.7 31.1



#79
Terphenyl-d14
Concen: 64.864 ng
RT: 19.922 min Scan# 2865
Delta R.T. -0.012 min
Lab File: BG057748.D
Acq: 17 Jun 2023 00:21

Tgt Ion:244 Resp: 870265
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.4 7.7 11.5





#80

Butylbenzylphthalate

Concen: 4.114 ng

RT: 20.610 min Scan# 2982

Delta R.T. -0.017 min

Lab File: BG057748.D

Acq: 17 Jun 2023 00:21

Instrument :

BNA_G

ClientSampleId :

TWP-05

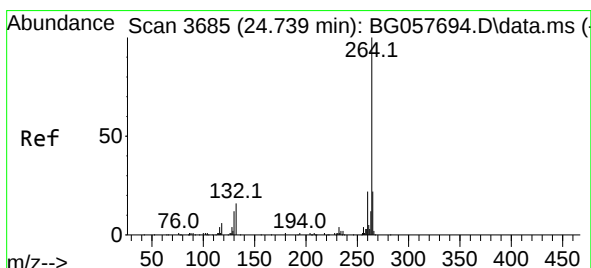
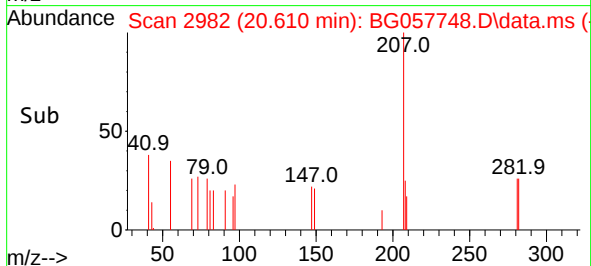
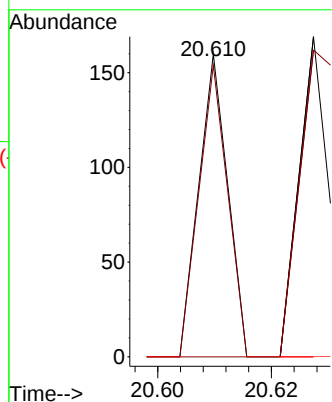
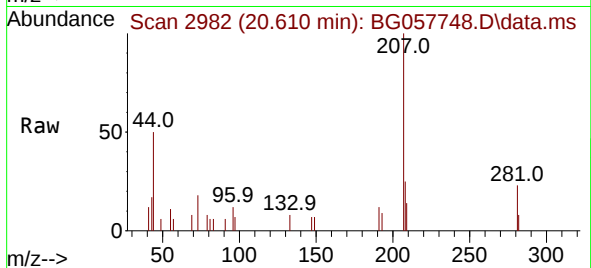
Tgt Ion:149 Resp: 56

Ion Ratio Lower Upper

149 100

91 96.3 60.8 91.2#

206 0.0 16.8 25.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.717 min Scan# 3681

Delta R.T. -0.017 min

Lab File: BG057748.D

Acq: 17 Jun 2023 00:21

Tgt Ion:264 Resp: 298061

Ion Ratio Lower Upper

264 100

260 22.8 17.3 25.9

265 21.6 17.5 26.3

