

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057410.D
 Acq On : 12 May 2023 15:22
 Operator : CG/JU
 Sample : 02643-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FSND-IDW-S-05042023

Quant Time: May 12 22:21:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

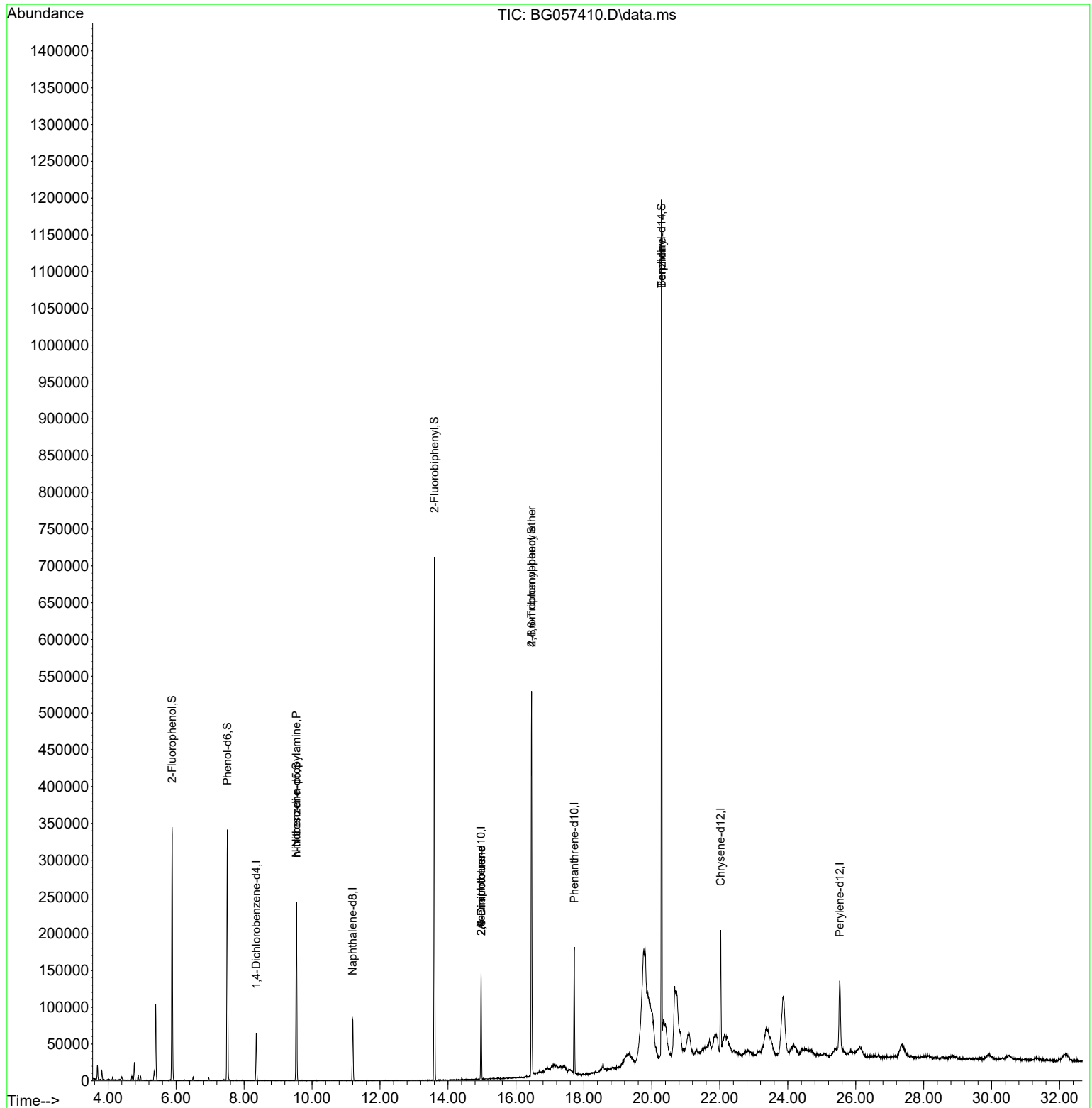
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.360	152	18645	20.000	ng	0.00
21) Naphthalene-d8	11.197	136	73637	20.000	ng	0.00
39) Acenaphthene-d10	14.975	164	51771	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	113197	20.000	ng	0.00
76) Chrysene-d12	22.024	240	105739	20.000	ng	0.00
86) Perylene-d12	25.531	264	115842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.881	112	148243	136.008	ng	0.00
7) Phenol-d6	7.508	99	202691	122.461	ng	0.00
23) Nitrobenzene-d5	9.541	82	152548	86.947	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	109308	148.804	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	372865	96.999	ng	0.00
79) Terphenyl-d14	20.285	244	617012	95.226	ng	0.00
Target Compounds						
9) Benzaldehyde	7.496	77	360	Below Cal	Qvalue	
19) n-Nitroso-di-n-propyla...	9.541	70	22032	17.457 ng	#	4
51) 2,6-Dinitrotoluene	14.980	165	6844	7.879 ng	#	80
57) 2,4-Dinitrotoluene	14.980	165	6844	5.513 ng	#	17
67) 4-Bromophenyl-phenylether	16.461	248	7506	5.432 ng	#	20
77) Benzidine	20.291	184	9998	4.229 ng	#	1
					#	89

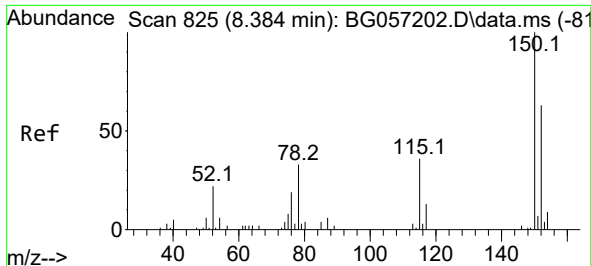
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057410.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
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FSND-IDW-S-05042023

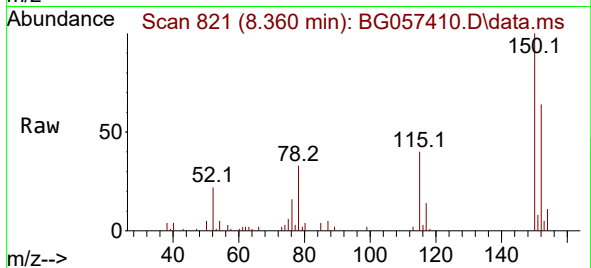
Quant Time: May 12 22:21:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
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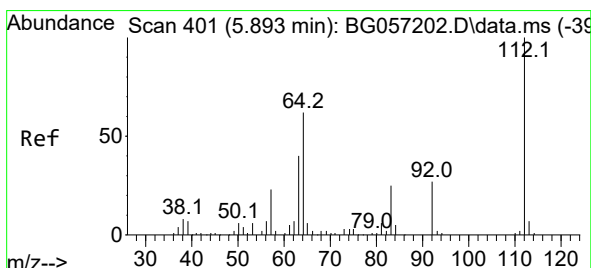
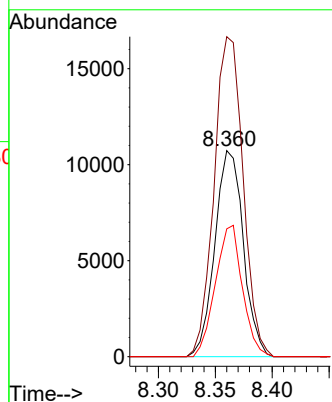
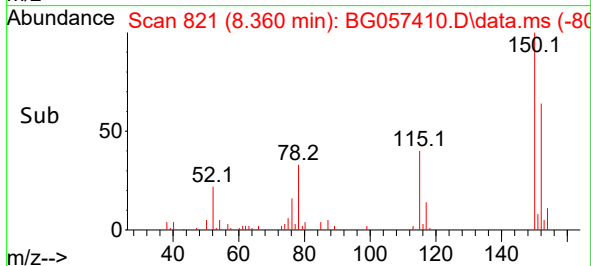


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.360 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-S-05042023

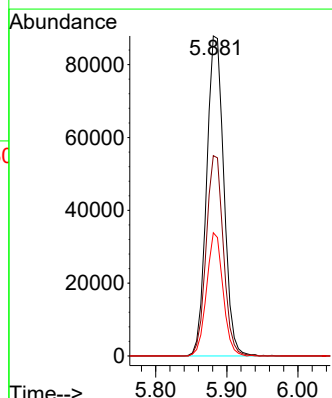
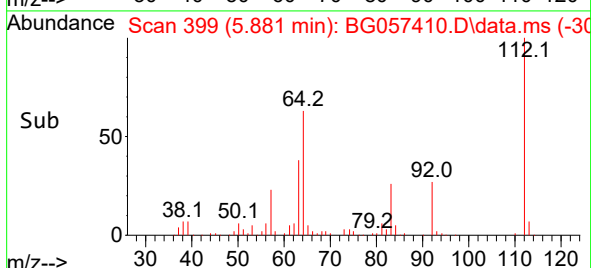
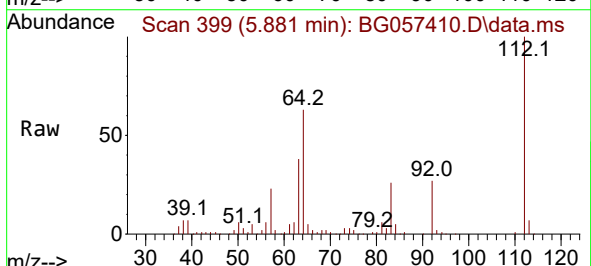


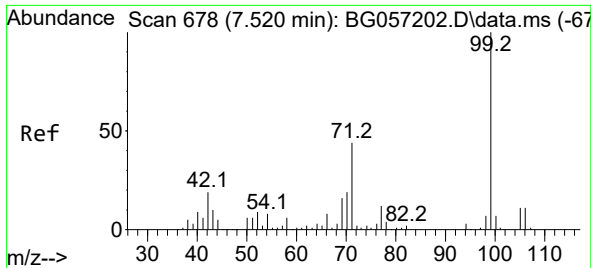
Tgt Ion:152 Resp: 18645
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.4
115 62.1 45.0 67.4



#5
2-Fluorophenol
Concen: 136.008 ng
RT: 5.881 min Scan# 399
Delta R.T. 0.002 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

Tgt Ion:112 Resp: 148243
Ion Ratio Lower Upper
112 100
64 62.6 49.4 74.2
63 38.5 31.6 47.4

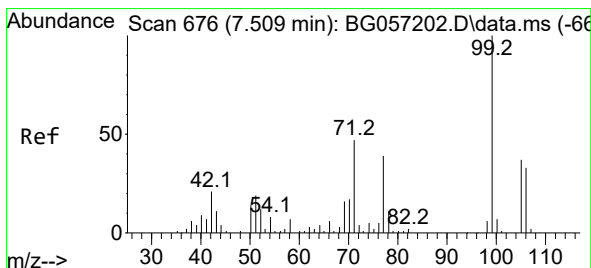
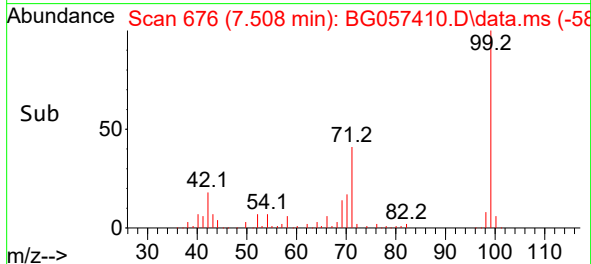
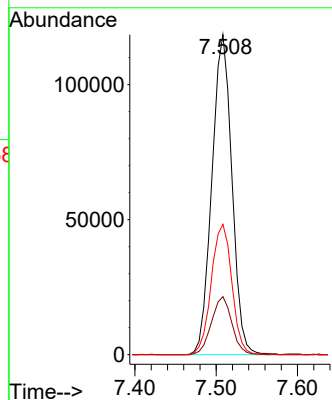
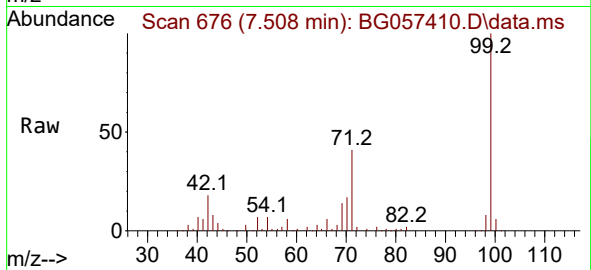




#7
Phenol-d6
Concen: 122.461 ng
RT: 7.508 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

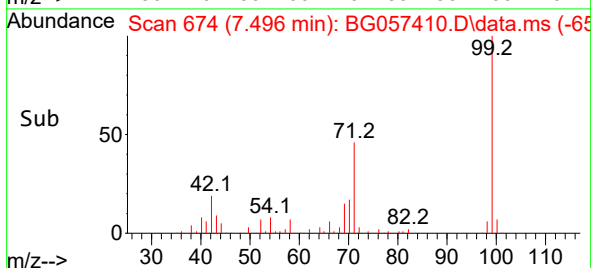
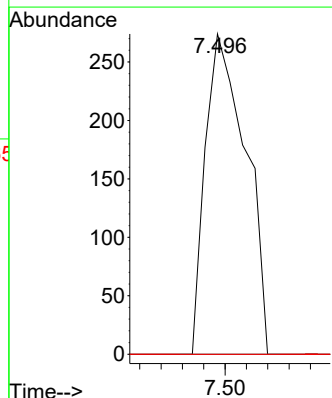
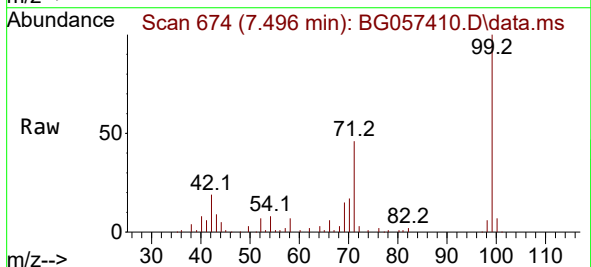
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-S-05042023

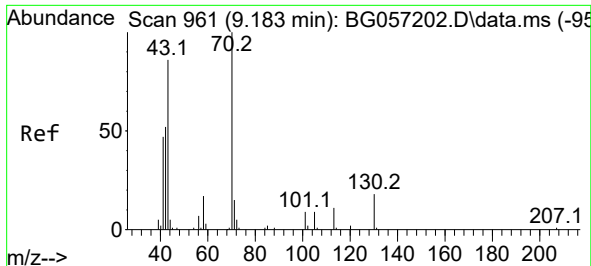
Tgt Ion: 99 Resp: 202691
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 40.8 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.496 min Scan# 674
Delta R.T. 0.008 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

Tgt Ion: 77 Resp: 360
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

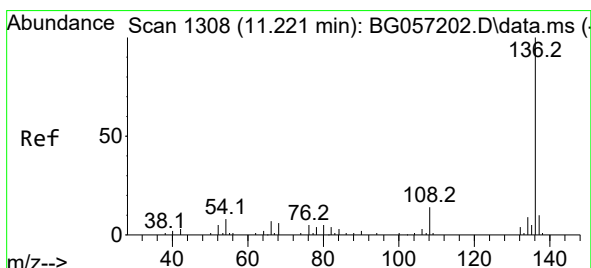
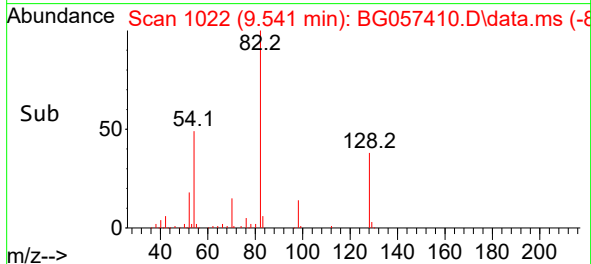
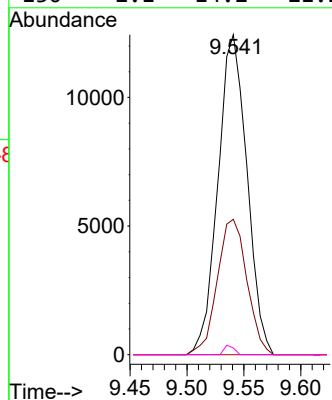
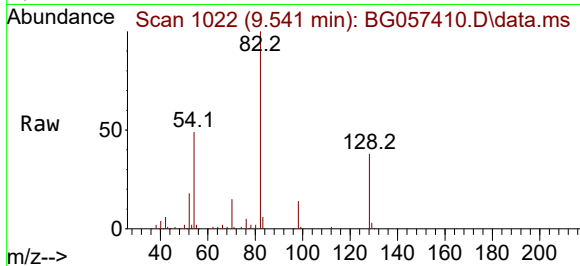




#19
n-Nitroso-di-n-propylamine
Concen: 17.457 ng
RT: 9.541 min Scan# 1022
Delta R.T. 0.373 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

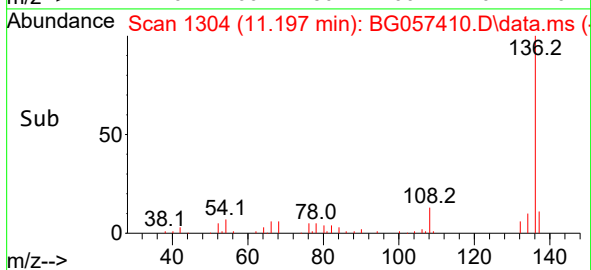
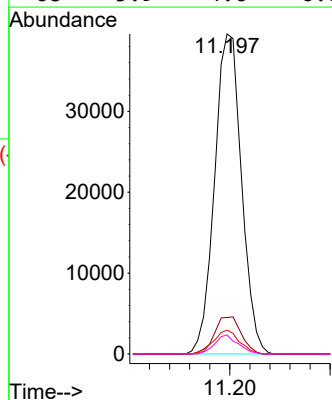
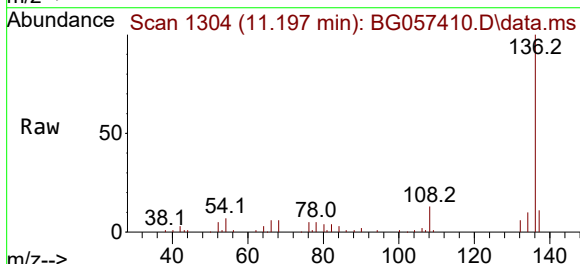
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-S-05042023

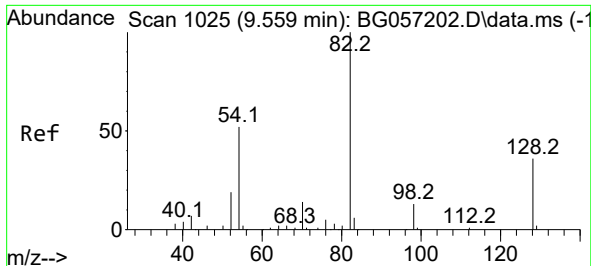
Tgt Ion:	70	Resp:	22032
Ion	Ratio	Lower	Upper
70	100		
42	42.3	41.8	62.8
101	0.0	6.8	10.2#
130	2.1	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.197 min Scan# 1304
Delta R.T. -0.003 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

Tgt Ion:	136	Resp:	73637
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.3	12.5
54	7.4	6.7	10.1
68	5.9	4.6	6.8





#23

Nitrobenzene-d5

Concen: 86.947 ng

RT: 9.541 min Scan# 1022

Delta R.T. -0.003 min

Lab File: BG057410.D

Acq: 12 May 2023 15:22

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-S-05042023

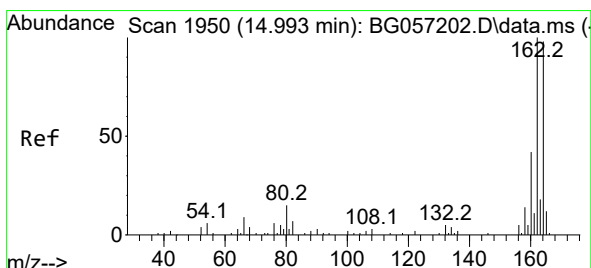
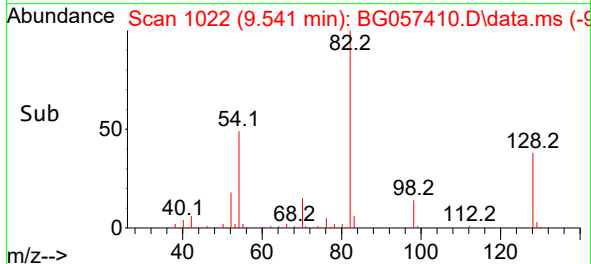
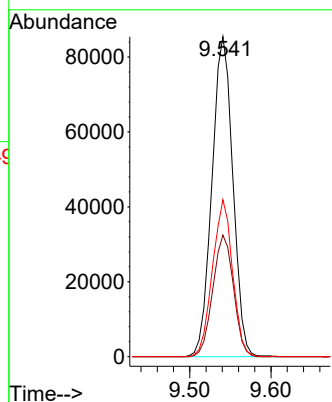
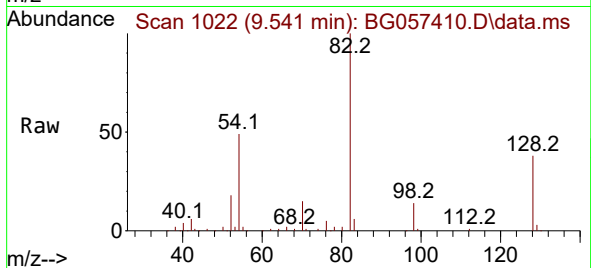
Tgt Ion: 82 Resp: 152548

Ion Ratio Lower Upper

82 100

128 38.0 29.0 43.4

54 49.1 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.975 min Scan# 1947

Delta R.T. -0.003 min

Lab File: BG057410.D

Acq: 12 May 2023 15:22

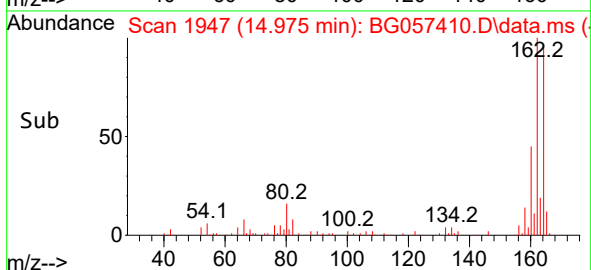
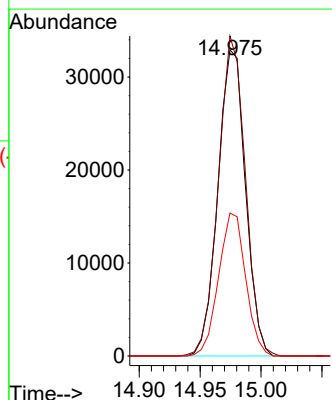
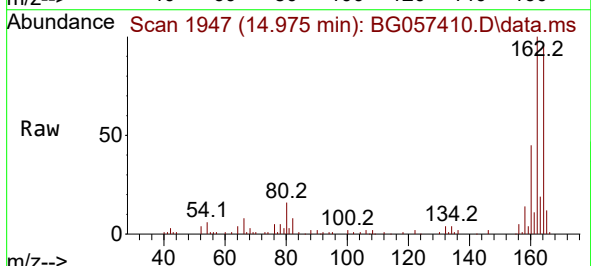
Tgt Ion:164 Resp: 51771

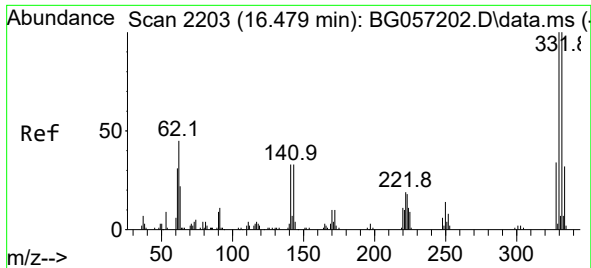
Ion Ratio Lower Upper

164 100

162 104.5 81.8 122.6

160 46.6 34.6 52.0

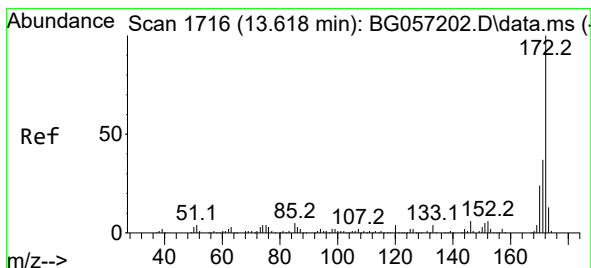
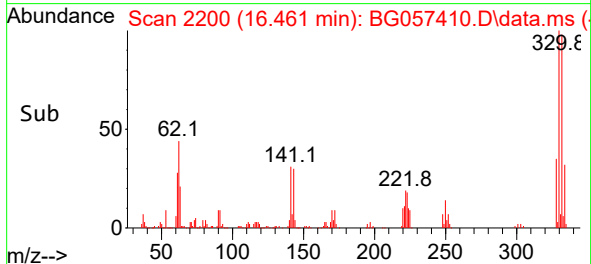
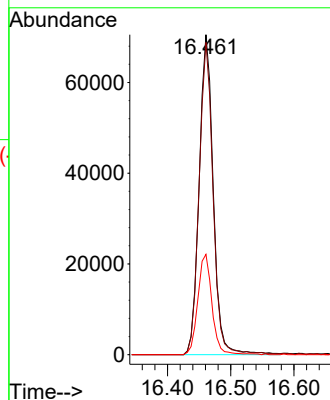
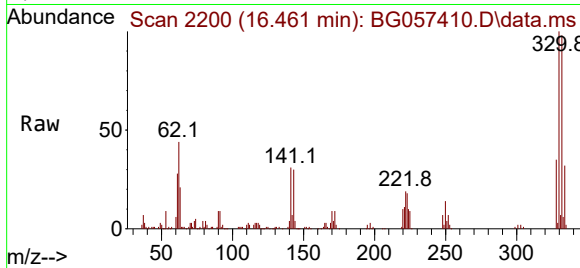




#42
2,4,6-Tribromophenol
Concen: 148.804 ng
RT: 16.461 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

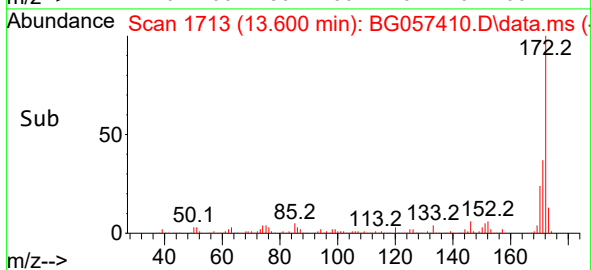
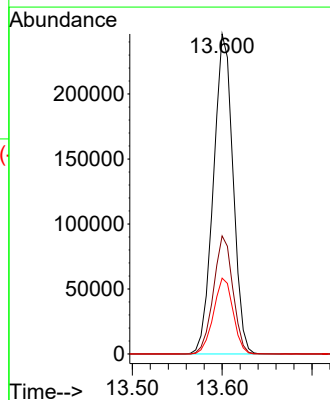
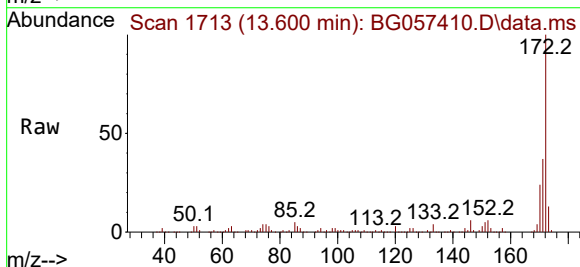
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-S-05042023

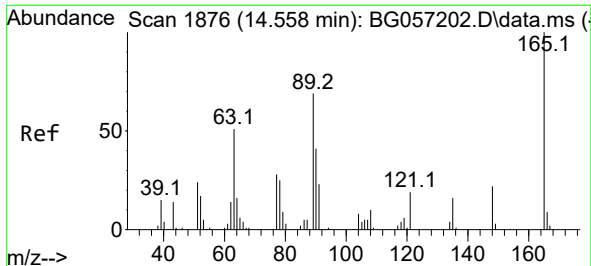
Tgt Ion:330 Resp: 109308
Ion Ratio Lower Upper
330 100
332 96.3 78.2 117.2
141 31.4 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 96.999 ng
RT: 13.600 min Scan# 1713
Delta R.T. -0.003 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

Tgt Ion:172 Resp: 372865
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 7.879 ng

RT: 14.980 min Scan# 1948

Delta R.T. 0.431 min

Lab File: BG057410.D

Acq: 12 May 2023 15:22

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-S-05042023

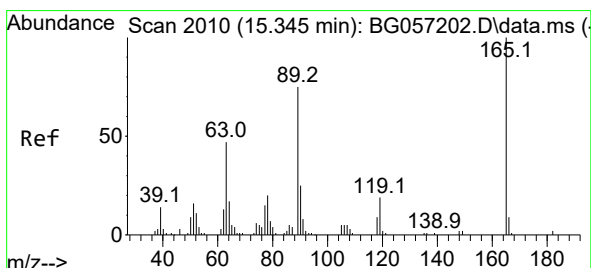
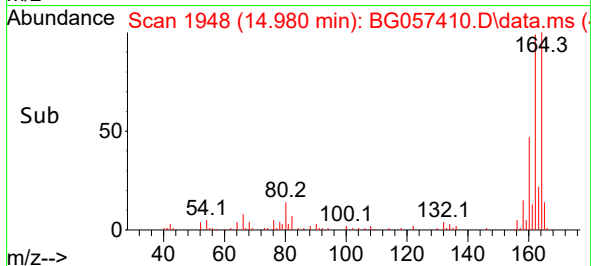
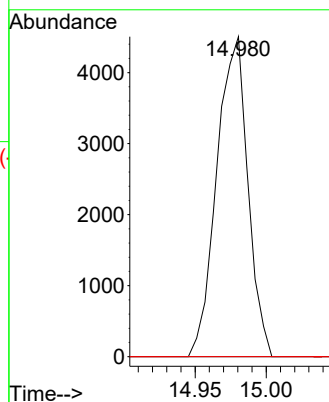
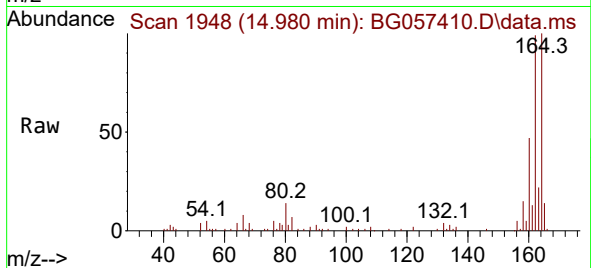
Tgt Ion:165 Resp: 6844

Ion Ratio Lower Upper

165 100

63 0.0 50.9 76.3#

89 0.0 55.2 82.8#



#57

2,4-Dinitrotoluene

Concen: 5.513 ng

RT: 14.980 min Scan# 1948

Delta R.T. -0.356 min

Lab File: BG057410.D

Acq: 12 May 2023 15:22

Tgt Ion:165 Resp: 6844

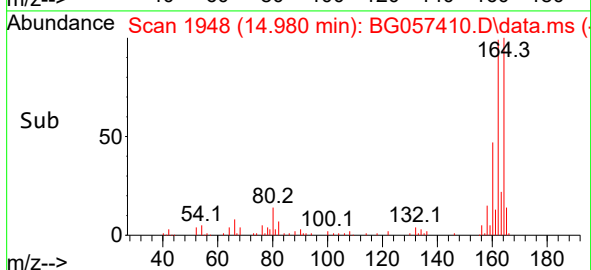
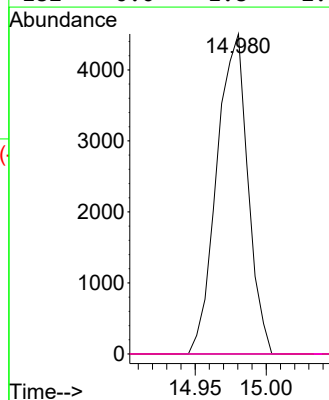
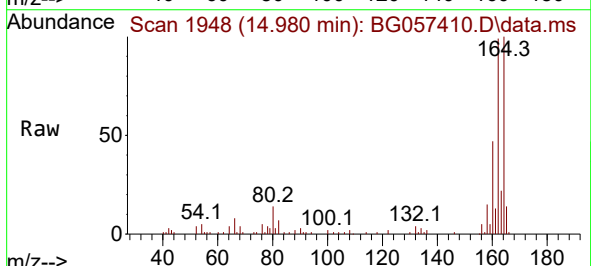
Ion Ratio Lower Upper

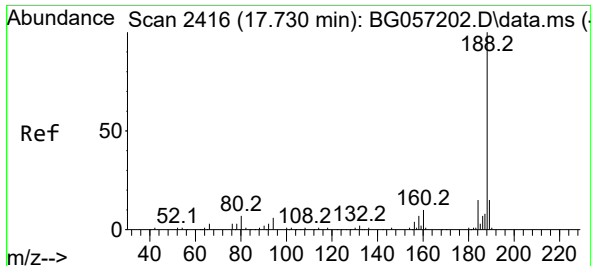
165 100

63 0.0 37.5 56.3#

89 0.0 60.2 90.4#

182 0.0 1.8 2.8#

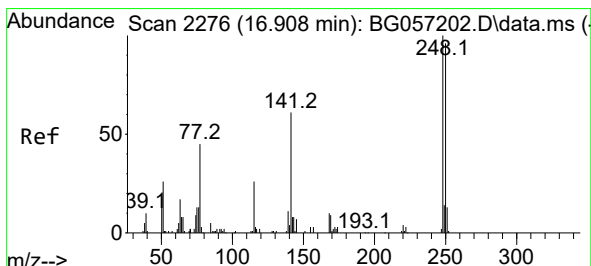
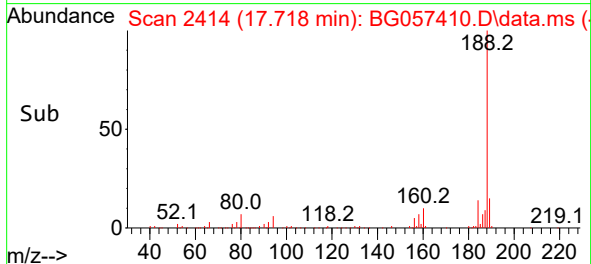
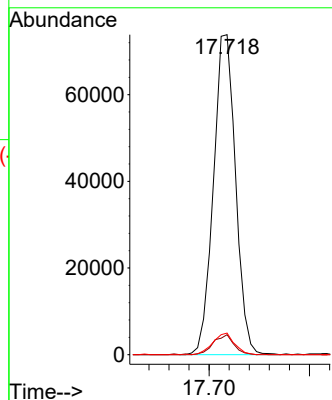
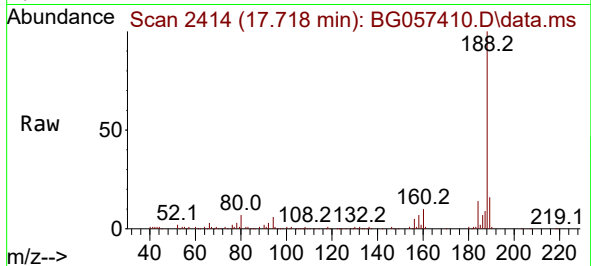




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2416
Delta R.T. -0.003 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

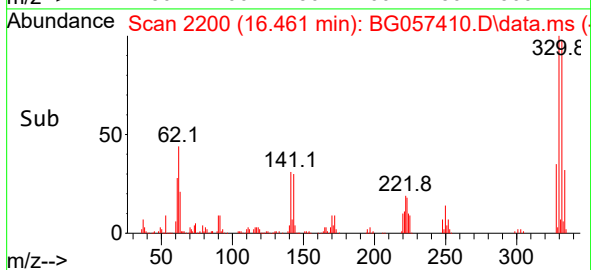
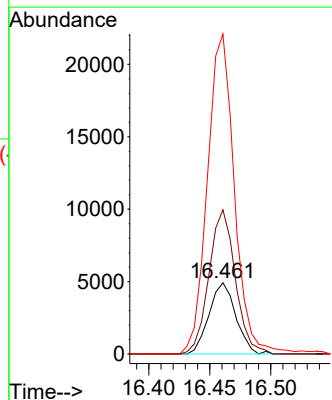
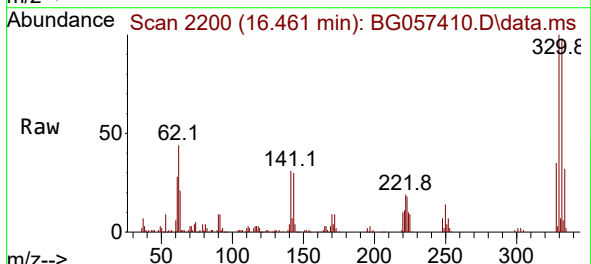
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-S-05042023

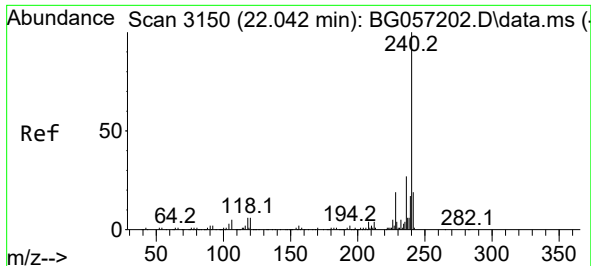
Tgt Ion:188 Resp: 113197
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 6.7 5.7 8.5



#67
4-Bromophenyl-phenylether
Concen: 5.432 ng
RT: 16.461 min Scan# 2200
Delta R.T. -0.432 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

Tgt Ion:248 Resp: 7506
Ion Ratio Lower Upper
248 100
250 202.4 77.0 115.6#
141 449.3 48.6 72.8#

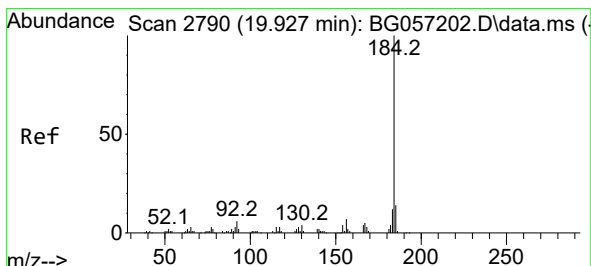
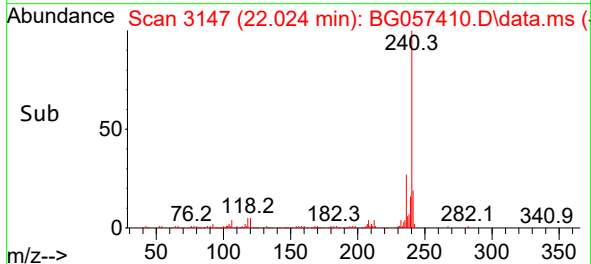
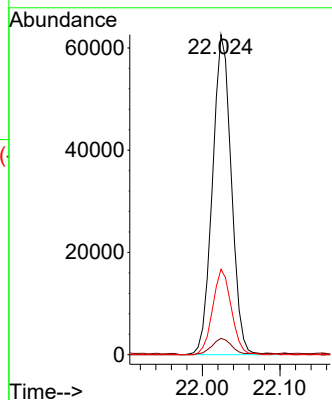
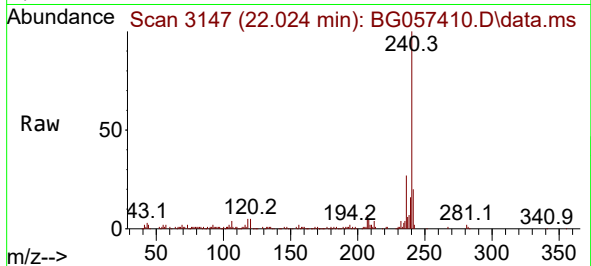




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3150
Delta R.T. -0.009 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

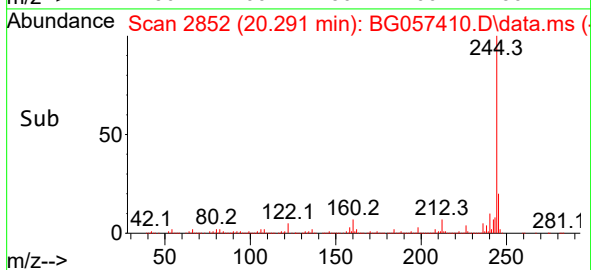
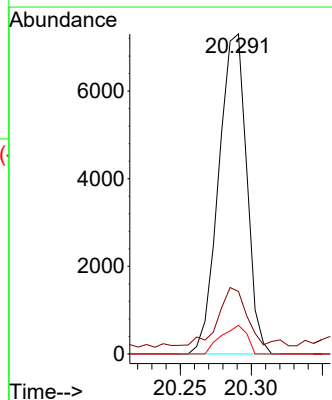
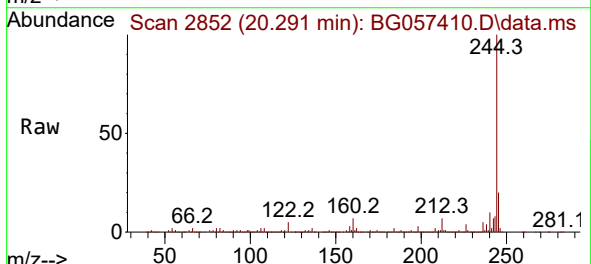
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-S-05042023

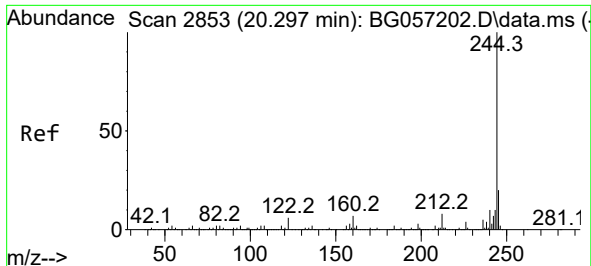
Tgt Ion:240 Resp: 105739
Ion Ratio Lower Upper
240 100
120 5.1 4.9 7.3
236 26.7 21.4 32.2



#77
Benzidine
Concen: 4.229 ng
RT: 20.291 min Scan# 2852
Delta R.T. 0.373 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

Tgt Ion:184 Resp: 9998
Ion Ratio Lower Upper
184 100
185 19.5 11.1 16.7#
183 9.0 9.9 14.9#

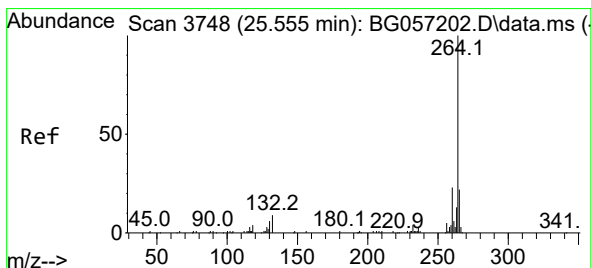
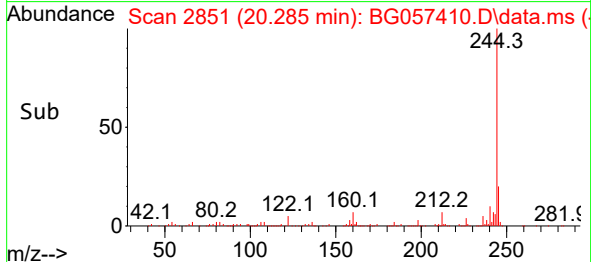
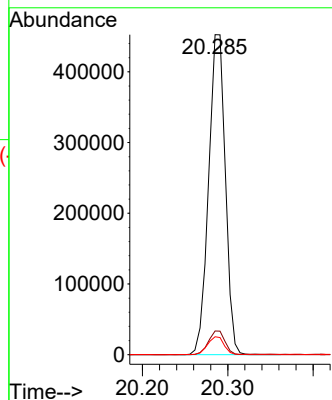
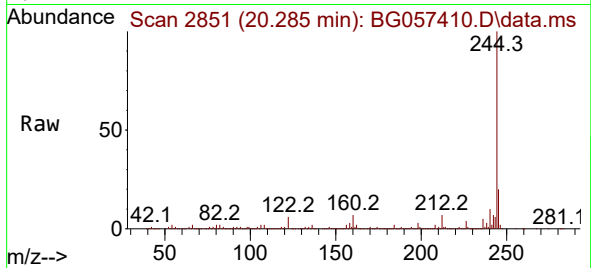




#79
 Terphenyl-d14
 Concen: 95.226 ng
 RT: 20.285 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057410.D
 Acq: 12 May 2023 15:22

Instrument :
 BNA_G
 ClientSampleId :
 FSND-IDW-S-05042023

Tgt Ion:244 Resp: 617012
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 5.6 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.531 min Scan# 3744
 Delta R.T. -0.003 min
 Lab File: BG057410.D
 Acq: 12 May 2023 15:22

Tgt Ion:264 Resp: 115842
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.8 28.2
 265 20.9 17.9 26.9

