

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057826.D
 Acq On : 23 Jun 2023 3:13
 Operator : CG/JU
 Sample : 03320-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-13

Quant Time: Jun 23 04:54:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

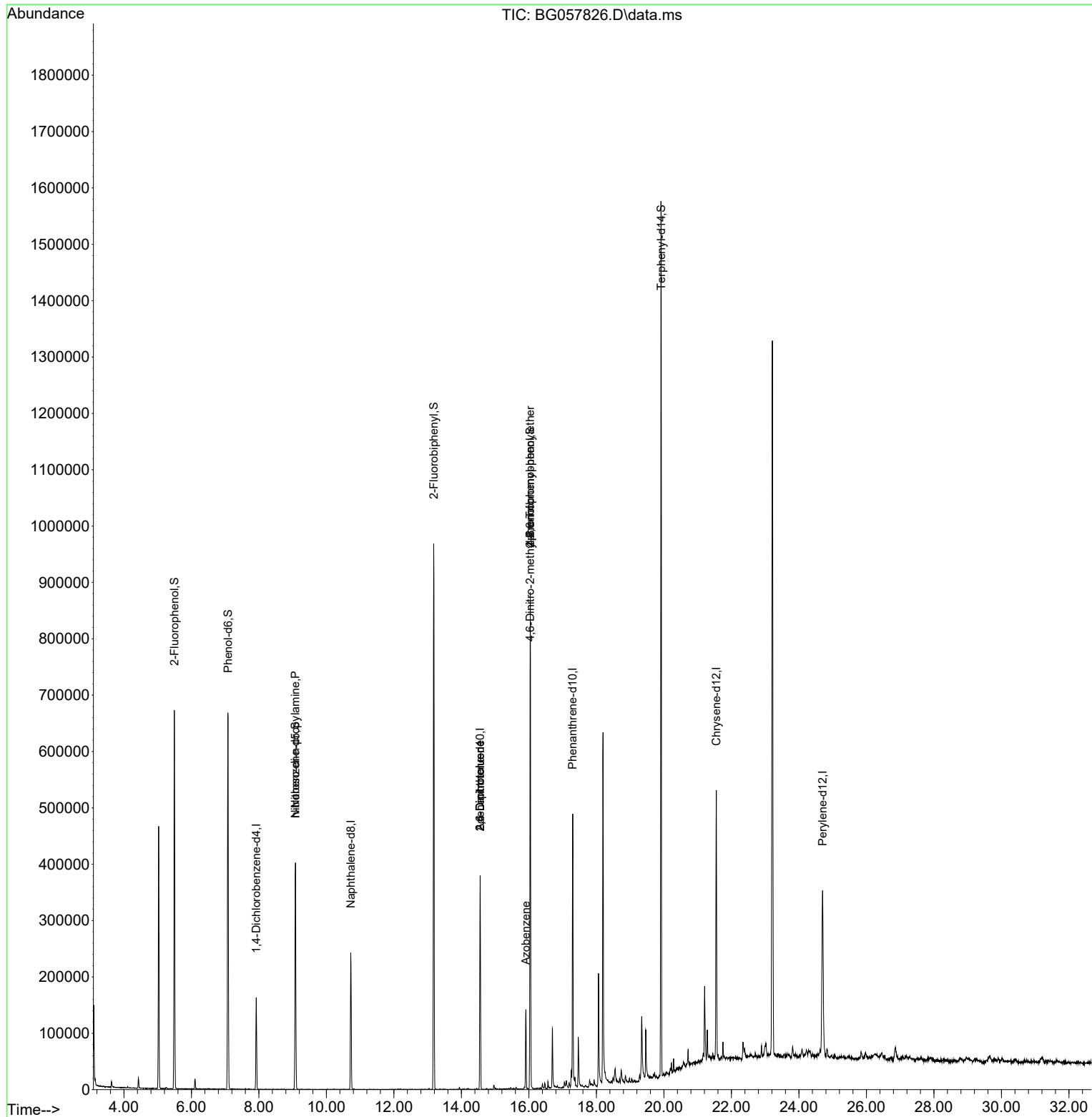
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	45306	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	197157	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	134772	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	299551	20.000	ng	0.00
76) Chrysene-d12	21.551	240	261721	20.000	ng	0.00
86) Perylene-d12	24.700	264	316948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	280418	95.435	ng	0.00
7) Phenol-d6	7.085	99	404996	90.332	ng	0.00
23) Nitrobenzene-d5	9.083	82	239799	62.424	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	178775	95.227	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	525473	59.137	ng	0.00
79) Terphenyl-d14	19.917	244	834462	59.452	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.083	70	29376	9.398	ng	# 78
51) 2,6-Dinitrotoluene	14.553	165	17679	9.275	ng	# 20
57) 2,4-Dinitrotoluene	14.553	165	17679	6.839	ng	# 20
63) Azobenzene	15.910	77	40700	3.747	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.034	198	322	5.520	ng	# 1
67) 4-Bromophenyl-phenylether	16.040	248	11561	3.639	ng	# 1

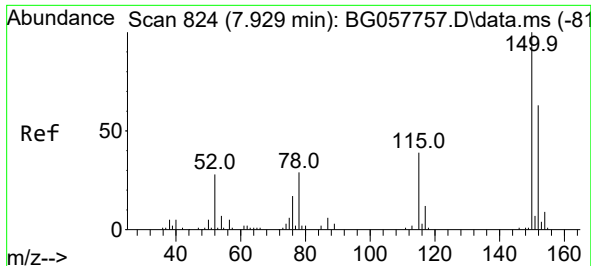
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
Data File : BG057826.D
Acq On : 23 Jun 2023 3:13
Operator : CG/JU
Sample : 03320-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-13

Quant Time: Jun 23 04:54:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

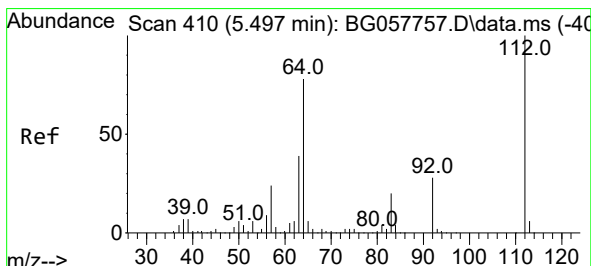
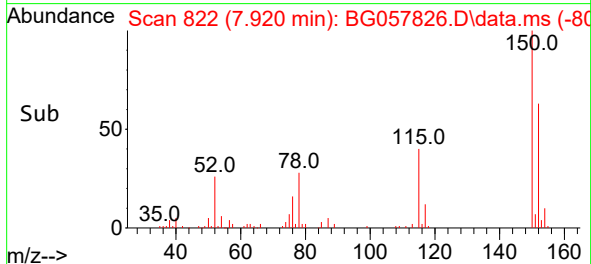
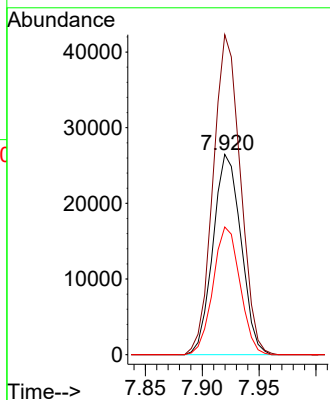
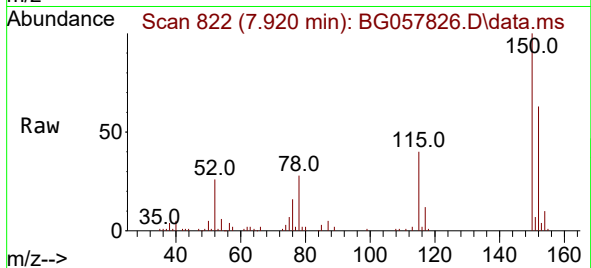




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057826.D
Acq: 23 Jun 2023 3:13

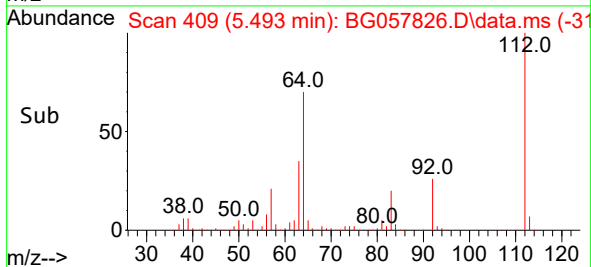
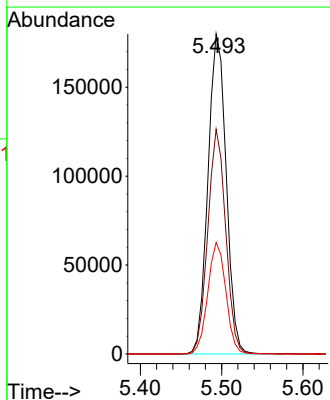
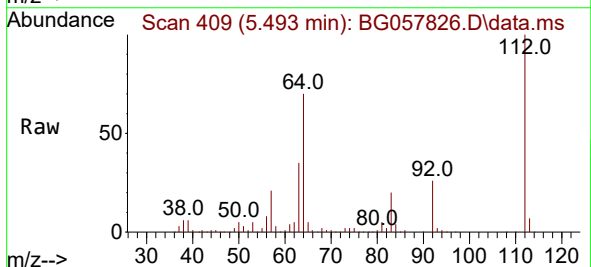
Instrument :
BNA_G
ClientSampleId :
WC-13

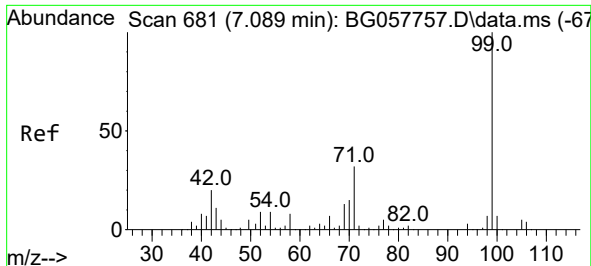
Tgt Ion:152 Resp: 45306
Ion Ratio Lower Upper
152 100
150 159.8 126.6 189.8
115 63.8 48.9 73.3



#5
2-Fluorophenol
Concen: 95.435 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG057826.D
Acq: 23 Jun 2023 3:13

Tgt Ion:112 Resp: 280418
Ion Ratio Lower Upper
112 100
64 70.2 62.1 93.1
63 34.9 31.5 47.3

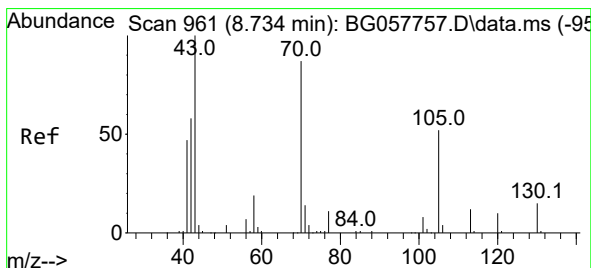
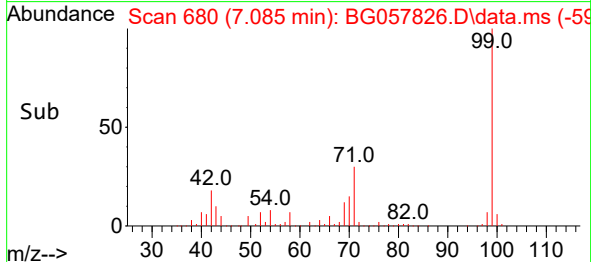
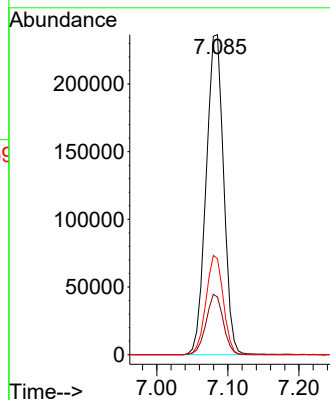
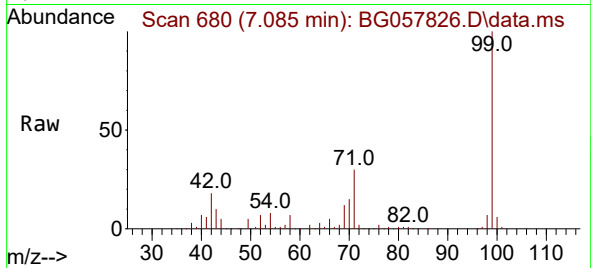




#7
Phenol-d6
Concen: 90.332 ng
RT: 7.085 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057826.D
Acq: 23 Jun 2023 3:13

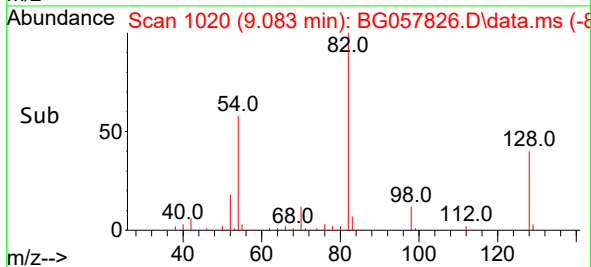
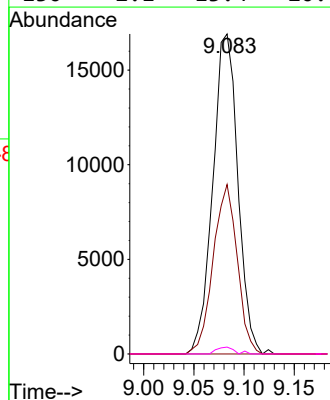
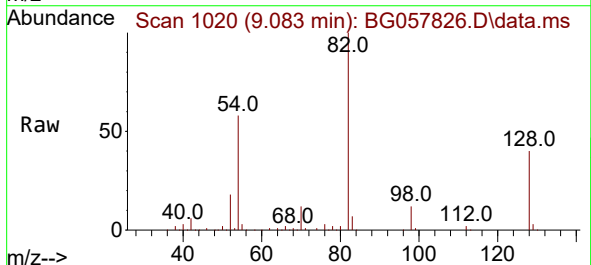
Instrument :
BNA_G
ClientSampleId :
WC-13

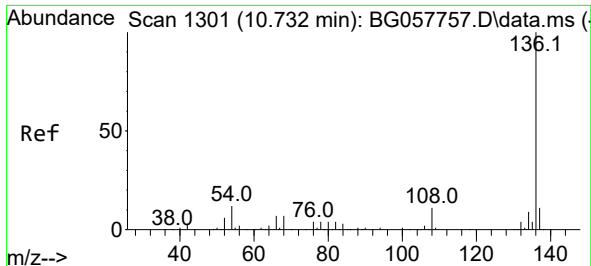
Tgt Ion: 99 Resp: 404996
Ion Ratio Lower Upper
99 100
42 18.0 16.4 24.6
71 30.0 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.398 ng
RT: 9.083 min Scan# 1020
Delta R.T. 0.349 min
Lab File: BG057826.D
Acq: 23 Jun 2023 3:13

Tgt Ion: 70 Resp: 29376
Ion Ratio Lower Upper
70 100
42 53.0 54.2 81.2#
101 0.0 7.4 11.0#
130 2.1 13.4 20.0#

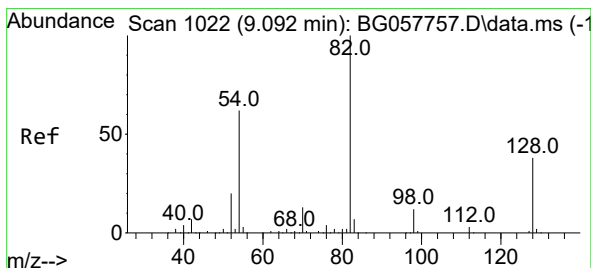
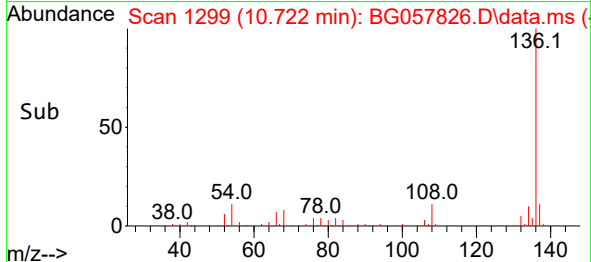
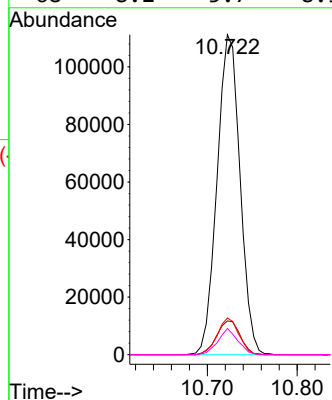
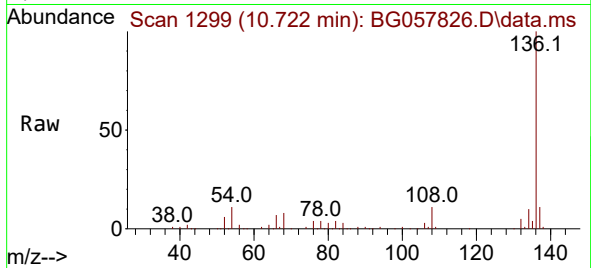




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057826.D
Acq: 23 Jun 2023 3:13

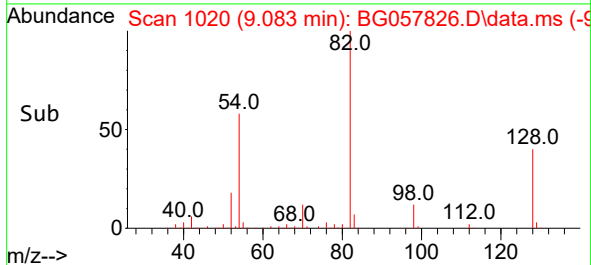
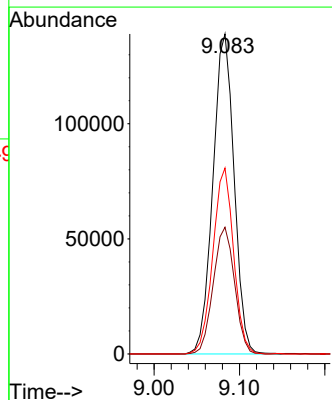
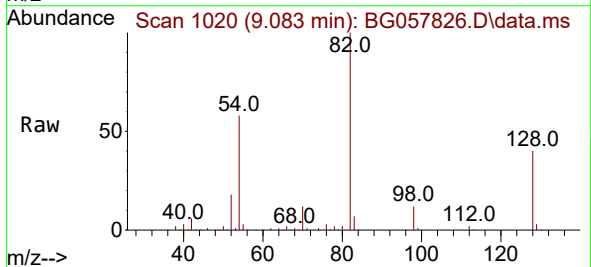
Instrument :
BNA_G
ClientSampleId :
WC-13

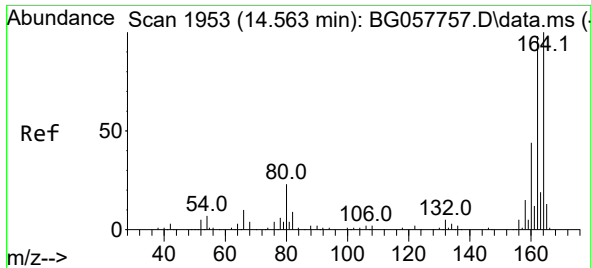
Tgt Ion:	136	Resp:	197157
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	11.5	9.5	14.3
68	8.2	5.7	8.5



#23
Nitrobenzene-d5
Concen: 62.424 ng
RT: 9.083 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG057826.D
Acq: 23 Jun 2023 3:13

Tgt Ion:	82	Resp:	239799
Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.7	46.1
54	58.1	49.6	74.4

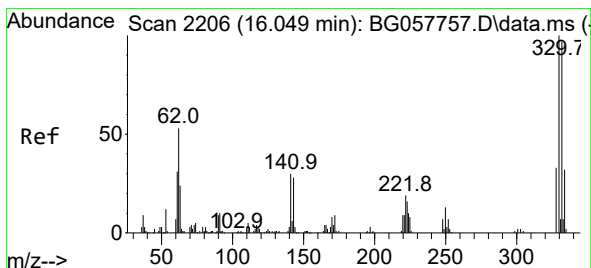
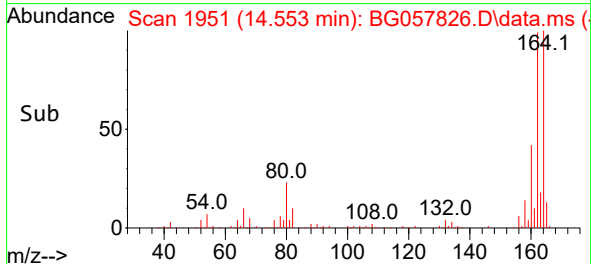
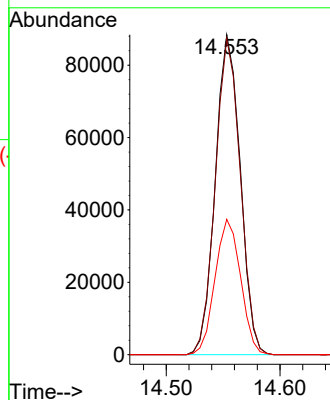
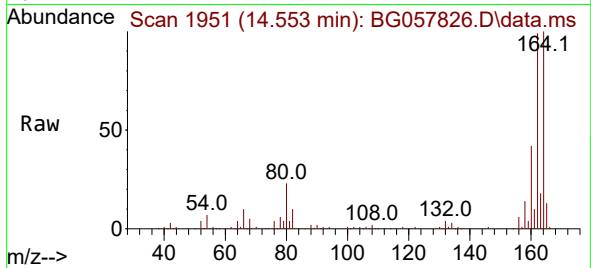




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.553 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BG057826.D
Acq: 23 Jun 2023 3:13

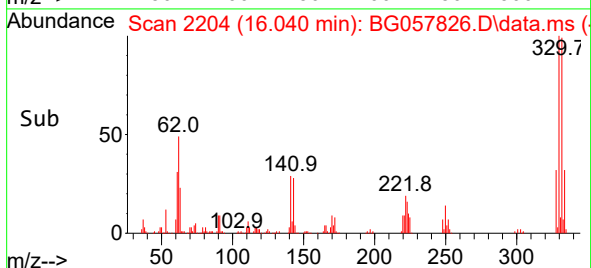
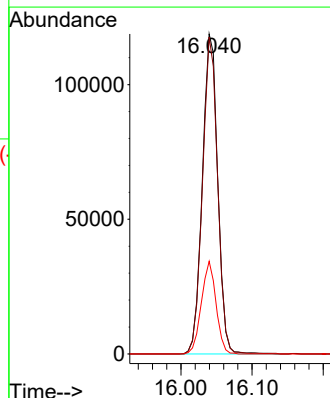
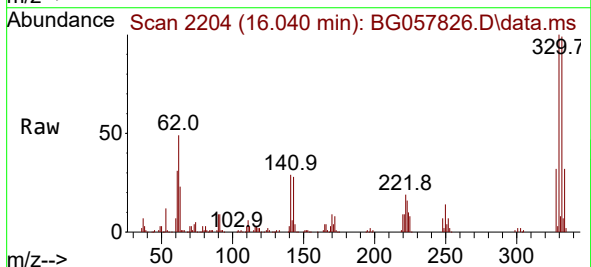
Instrument :
BNA_G
ClientSampleId :
WC-13

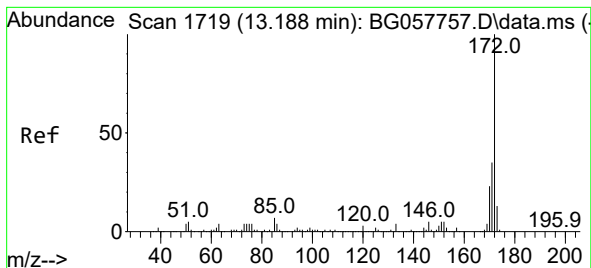
Tgt Ion:164 Resp: 134772
Ion Ratio Lower Upper
164 100
162 98.8 78.3 117.5
160 42.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 95.227 ng
RT: 16.040 min Scan# 2204
Delta R.T. -0.009 min
Lab File: BG057826.D
Acq: 23 Jun 2023 3:13

Tgt Ion:330 Resp: 178775
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 27.6 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 59.137 ng

RT: 13.178 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG057826.D

Acq: 23 Jun 2023 3:13

Instrument :

BNA_G

ClientSampleId :

WC-13

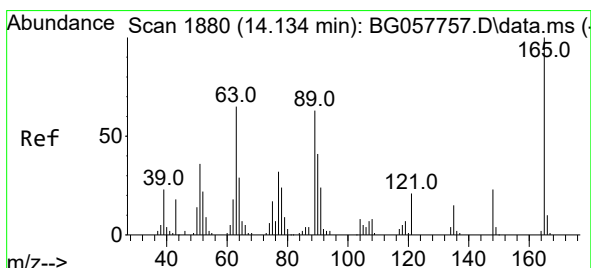
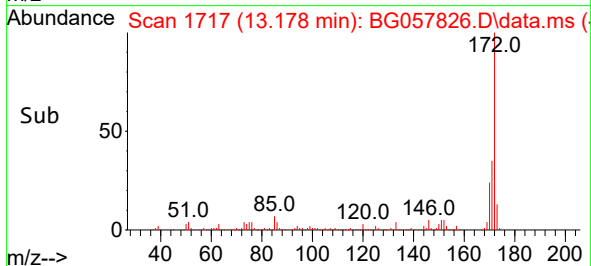
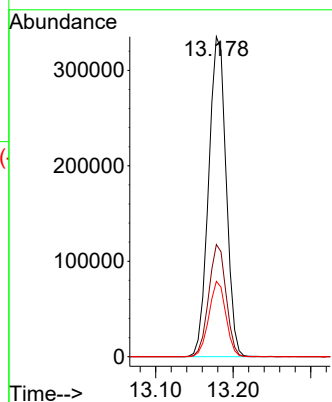
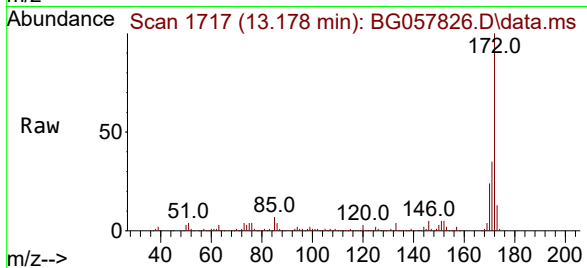
Tgt Ion:172 Resp: 525473

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.6 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.275 ng

RT: 14.553 min Scan# 1951

Delta R.T. 0.419 min

Lab File: BG057826.D

Acq: 23 Jun 2023 3:13

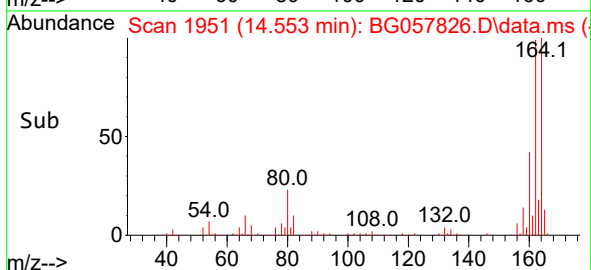
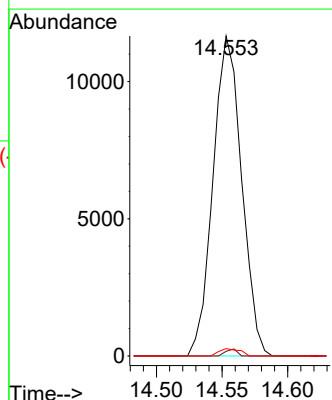
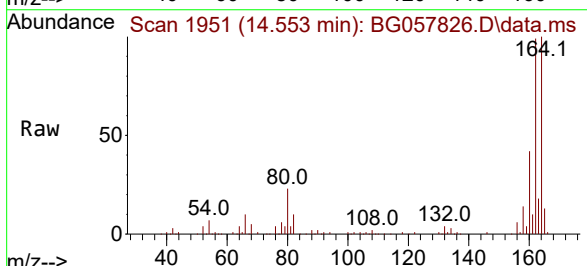
Tgt Ion:165 Resp: 17679

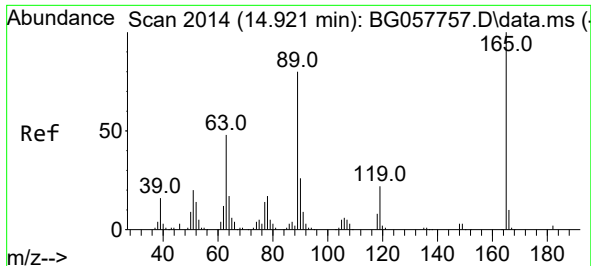
Ion Ratio Lower Upper

165 100

63 1.5 52.8 79.2#

89 2.3 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.839 ng

RT: 14.553 min Scan# 1951

Delta R.T. -0.368 min

Lab File: BG057826.D

Acq: 23 Jun 2023 3:13

Instrument :

BNA_G

ClientSampleId :

WC-13

Tgt Ion:165 Resp: 17679

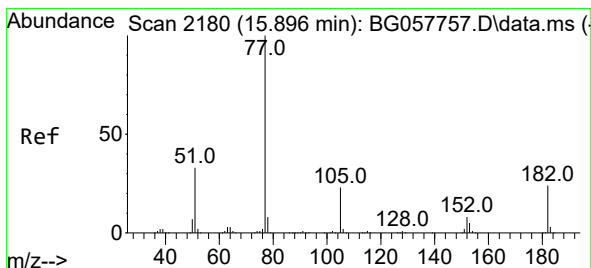
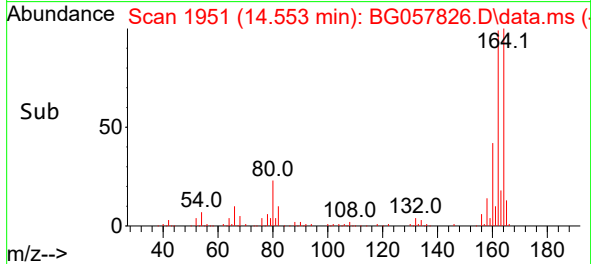
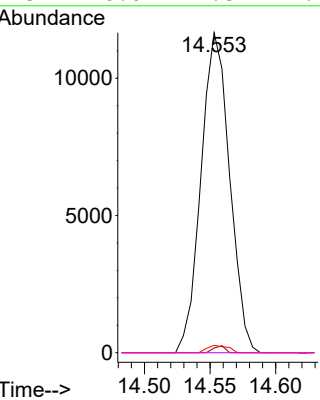
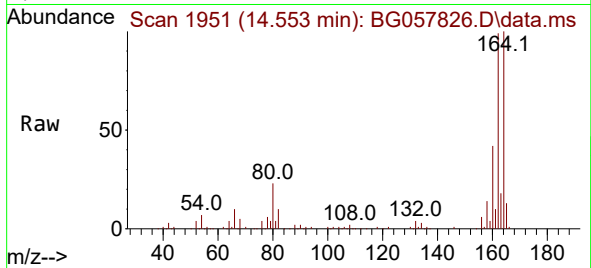
Ion Ratio Lower Upper

165 100

63 1.5 38.6 58.0#

89 2.3 63.7 95.5#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 3.747 ng

RT: 15.910 min Scan# 2182

Delta R.T. 0.014 min

Lab File: BG057826.D

Acq: 23 Jun 2023 3:13

Tgt Ion: 77 Resp: 40700

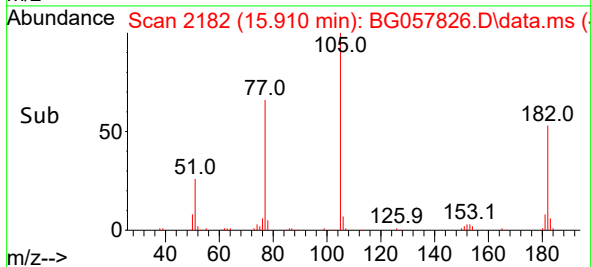
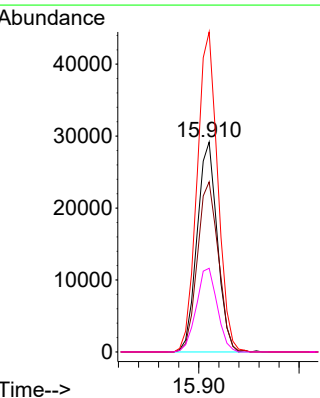
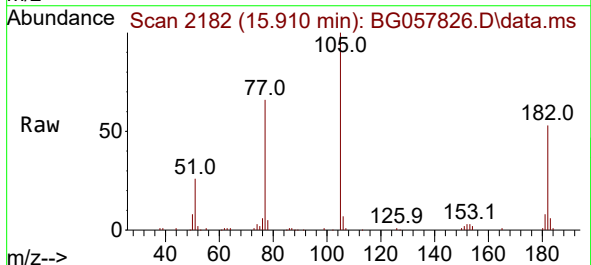
Ion Ratio Lower Upper

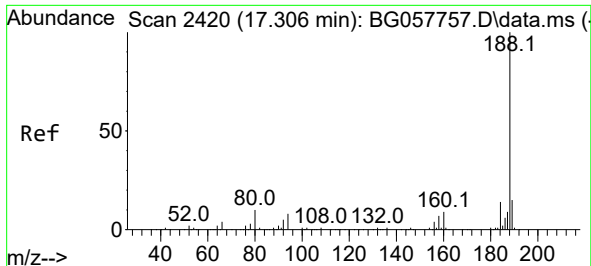
77 100

182 81.0 4.1 44.1#

105 152.4 3.3 43.3#

51 39.9 13.4 53.4

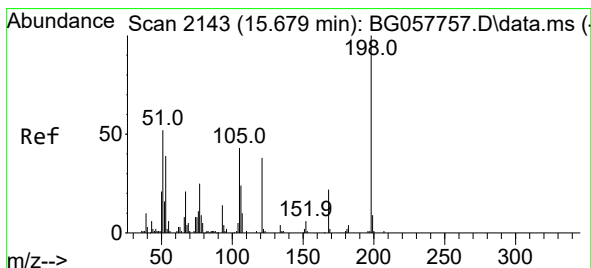
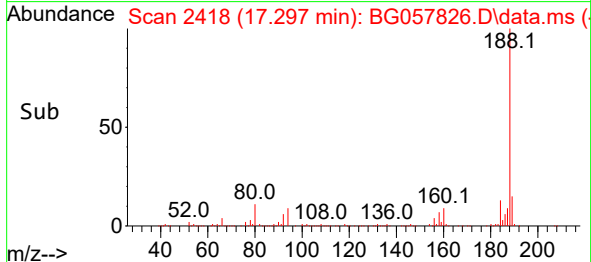
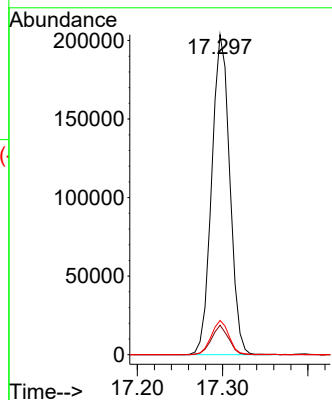
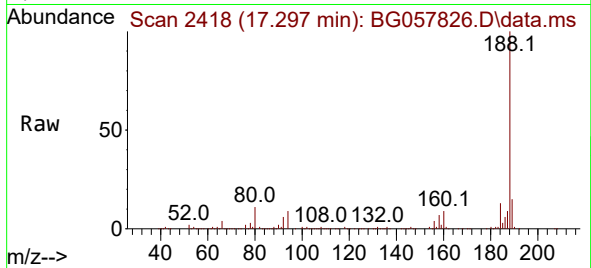




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.297 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG057826.D
Acq: 23 Jun 2023 3:13

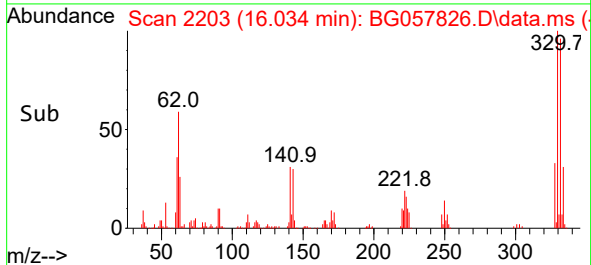
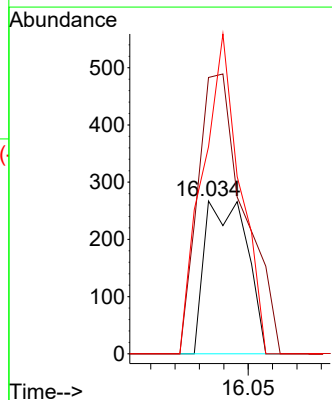
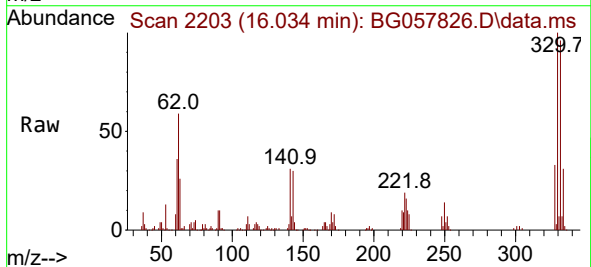
Instrument :
BNA_G
ClientSampleId :
WC-13

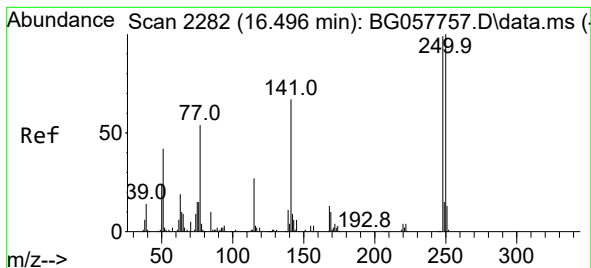
Tgt Ion:188 Resp: 299551
Ion Ratio Lower Upper
188 100
94 9.2 6.6 9.8
80 10.7 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.520 ng
RT: 16.034 min Scan# 2203
Delta R.T. 0.355 min
Lab File: BG057826.D
Acq: 23 Jun 2023 3:13

Tgt Ion:198 Resp: 322
Ion Ratio Lower Upper
198 100
51 180.9 36.6 76.6#
105 135.6 24.3 64.3#

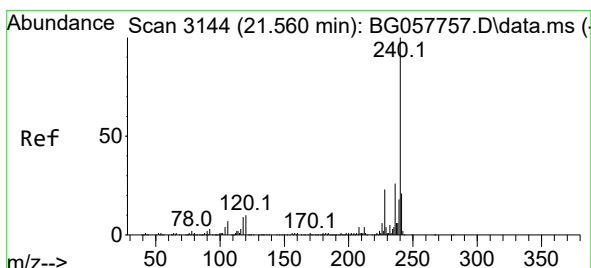
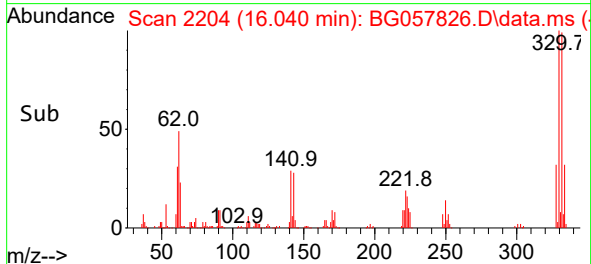
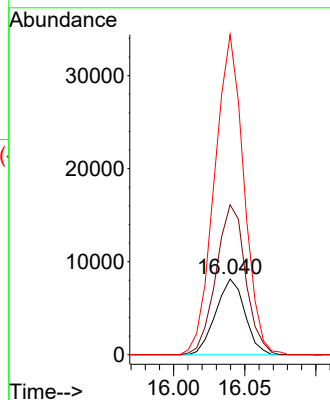
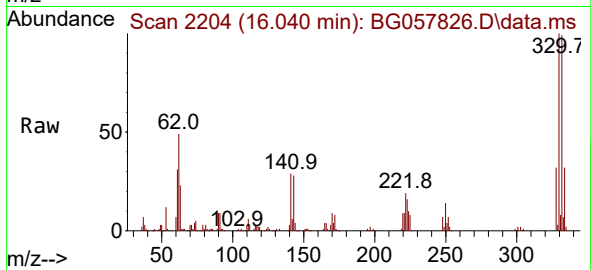




#67
4-Bromophenyl-phenylether
Concen: 3.639 ng
RT: 16.040 min Scan# 211
Delta R.T. -0.456 min
Lab File: BG057826.D
Acq: 23 Jun 2023 3:13

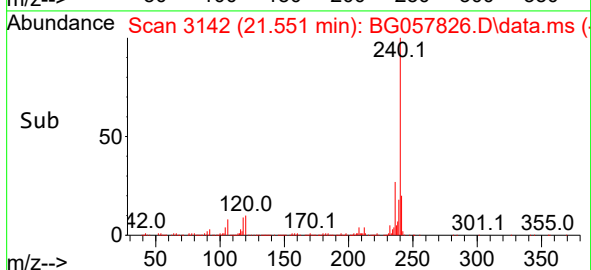
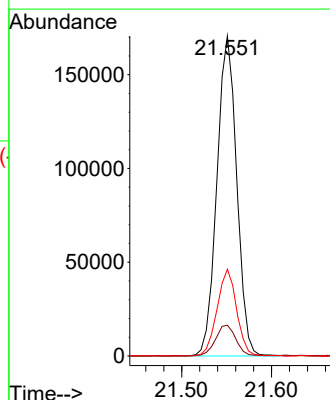
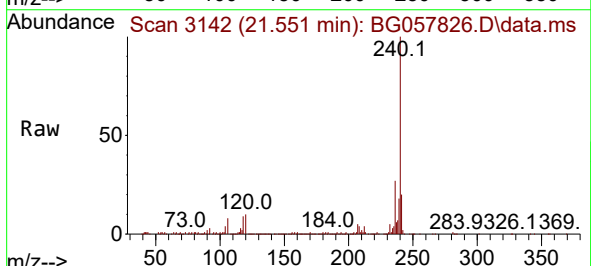
Instrument :
BNA_G
ClientSampleId :
WC-13

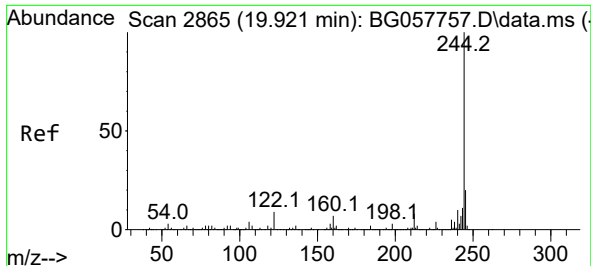
Tgt Ion:248 Resp: 11561
Ion Ratio Lower Upper
248 100
250 198.1 81.1 121.7#
141 422.8 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BG057826.D
Acq: 23 Jun 2023 3:13

Tgt Ion:240 Resp: 261721
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 27.1 20.6 30.8

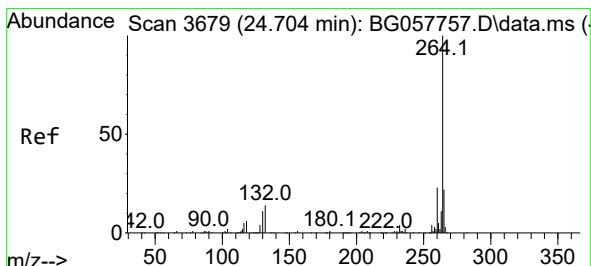
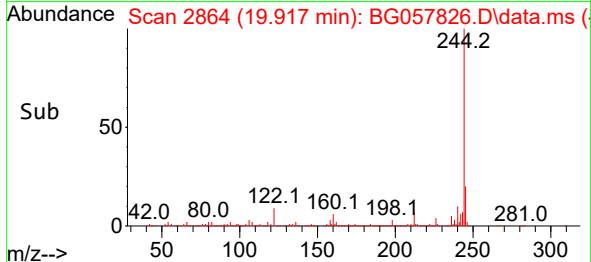
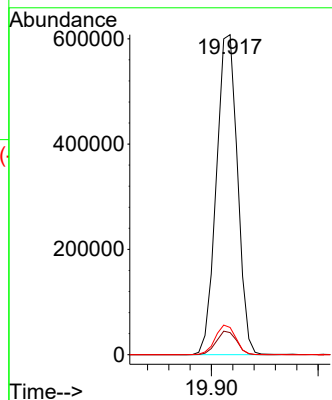
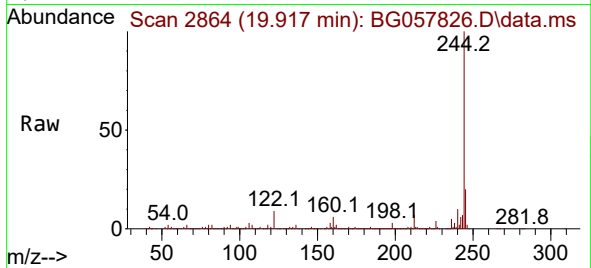




#79
 Terphenyl-d14
 Concen: 59.452 ng
 RT: 19.917 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057826.D
 Acq: 23 Jun 2023 3:13

Instrument :
 BNA_G
 ClientSampleId :
 WC-13

Tgt Ion:244 Resp: 834462
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 8.5 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.700 min Scan# 3678
 Delta R.T. -0.004 min
 Lab File: BG057826.D
 Acq: 23 Jun 2023 3:13

Tgt Ion:264 Resp: 316948
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 21.9 17.4 26.2

