

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058688.D
 Acq On : 10 Aug 2023 21:11
 Operator : MA/JU
 Sample : 03954-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-19

Quant Time: Aug 11 01:58:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

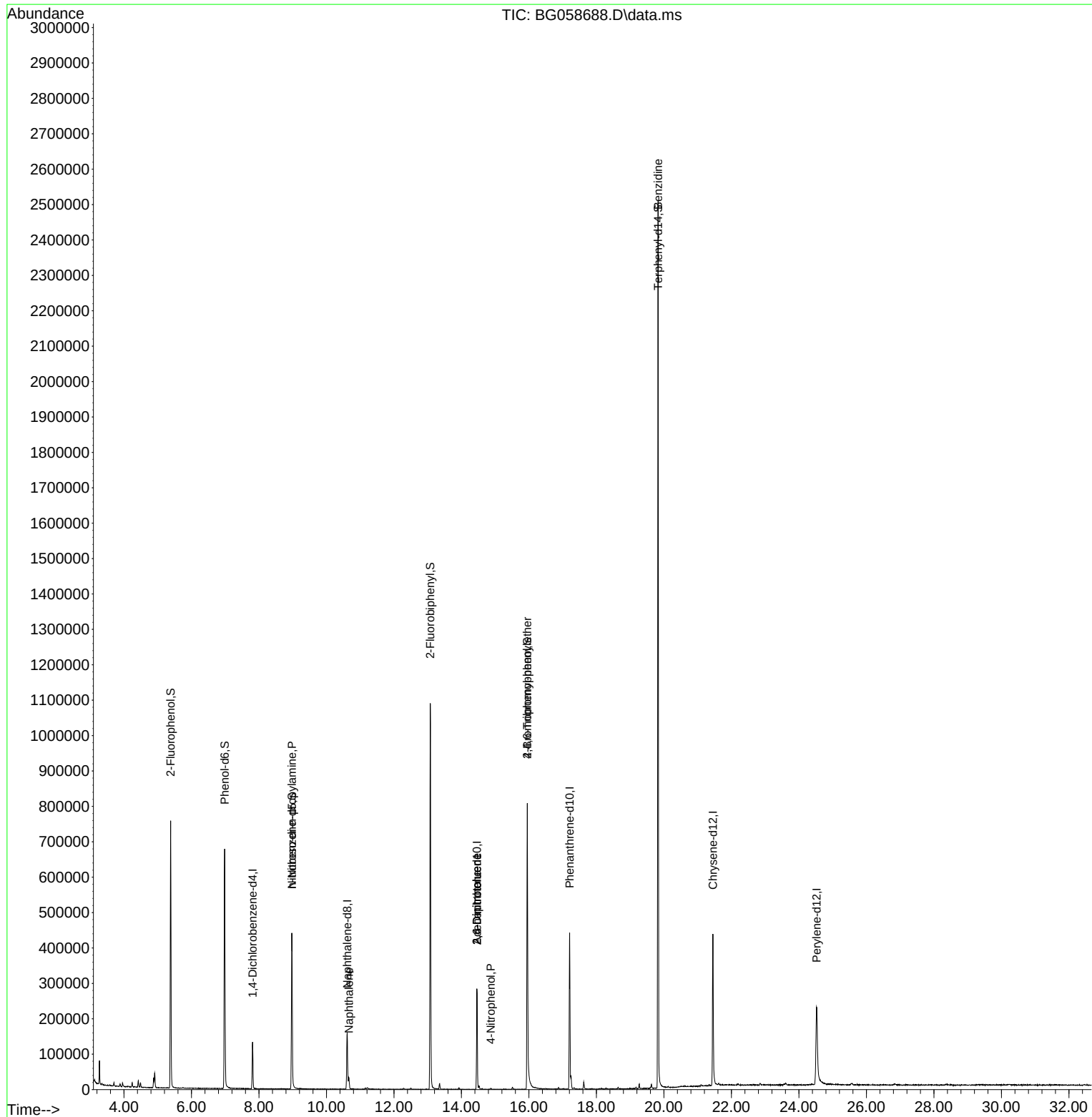
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	36564	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	149925	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	108482	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	304337	20.000	ng	0.00
76) Chrysene-d12	21.449	240	282534	20.000	ng	0.00
86) Perylene-d12	24.522	264	317903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	316016	132.102	ng	0.00
7) Phenol-d6	6.983	99	415128	124.711	ng	0.00
23) Nitrobenzene-d5	8.975	82	283252	92.812	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	210309	118.278	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	642795	88.797	ng	0.00
79) Terphenyl-d14	19.827	244	1408610	93.756	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	34755	16.164	ng	Qvalue
31) Naphthalene	10.662	128	27240	3.447	ng	# 80
51) 2,6-Dinitrotoluene	14.457	165	13722	7.676	ng	# 24
56) 4-Nitrophenol	14.868	139	958	4.018	ng	# 3
57) 2,4-Dinitrotoluene	14.457	165	13722	5.537	ng	# 24
67) 4-Bromophenyl-phenylether	15.949	248	12538	3.632	ng	# 1
77) Benzidine	19.821	184	16963	3.959	ng	# 90

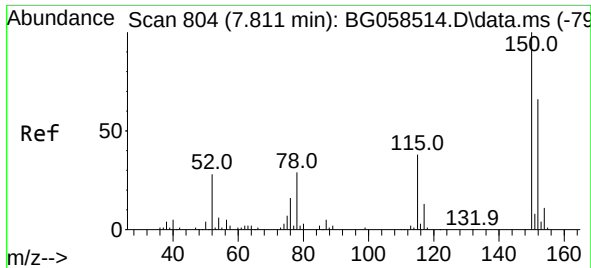
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058688.D
Acq On : 10 Aug 2023 21:11
Operator : MA/JU
Sample : 03954-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-19

Quant Time: Aug 11 01:58:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

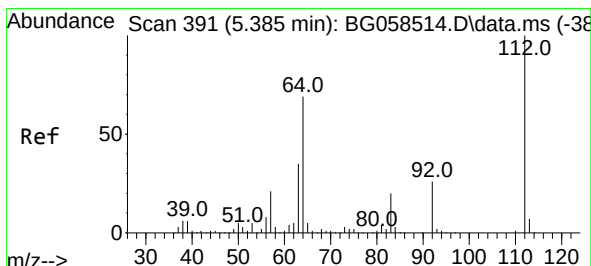
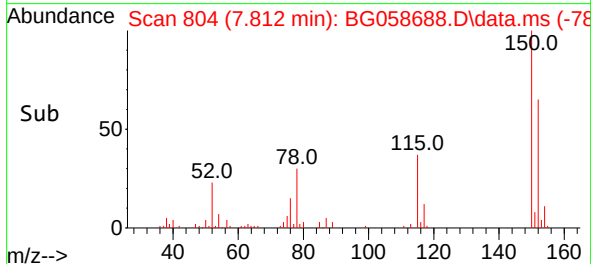
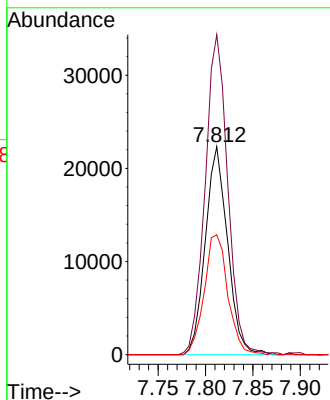
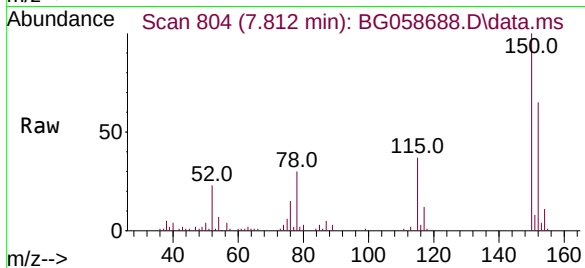




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

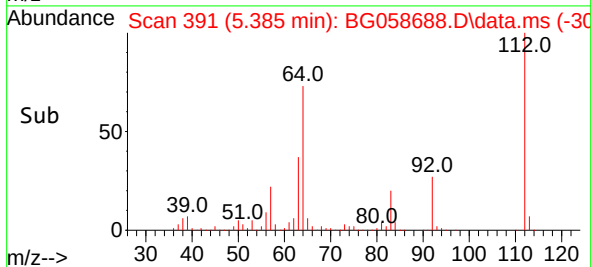
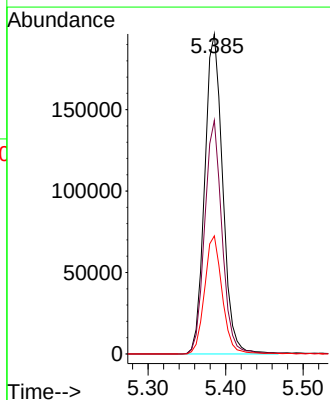
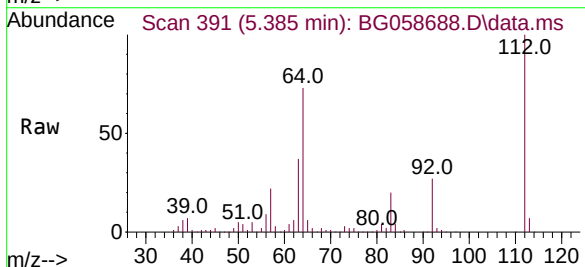
Instrument :
BNA_G
ClientSampleId :
WC-19

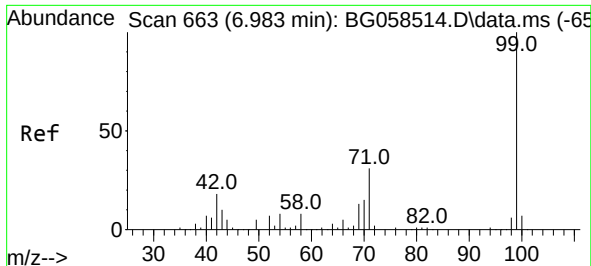
Tgt Ion:152 Resp: 36564
Ion Ratio Lower Upper
152 100
150 153.9 120.5 180.7
115 57.7 45.9 68.9



#5
2-Fluorophenol
Concen: 132.102 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

Tgt Ion:112 Resp: 316016
Ion Ratio Lower Upper
112 100
64 73.0 55.3 82.9
63 36.9 28.3 42.5

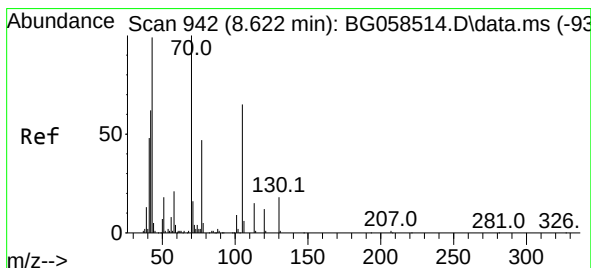
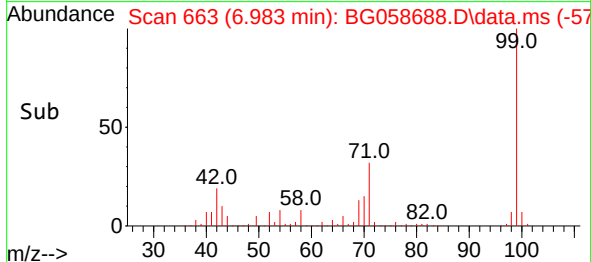
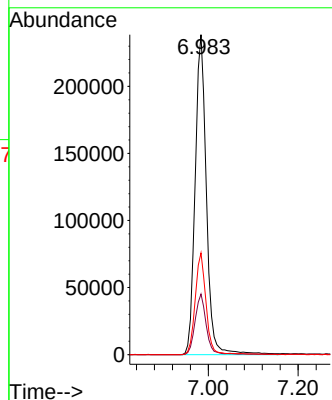
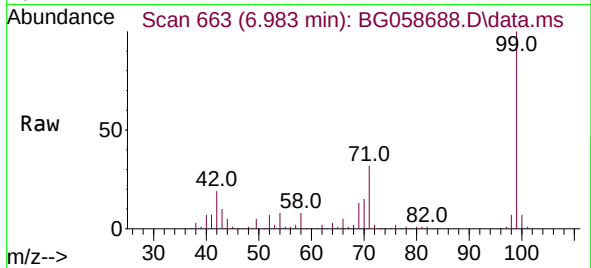




#7
Phenol-d6
Concen: 124.711 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

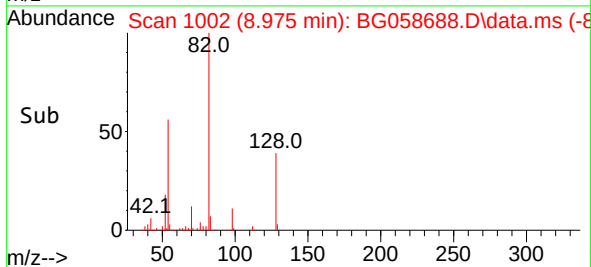
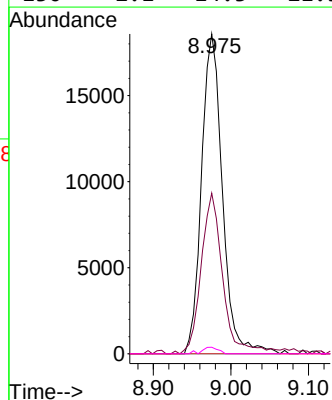
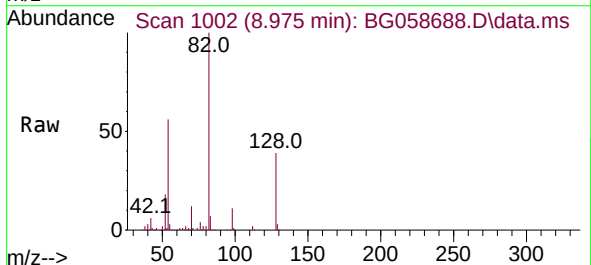
Instrument :
BNA_G
ClientSampleId :
WC-19

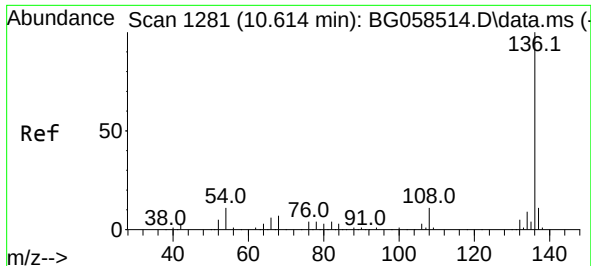
Tgt Ion: 99 Resp: 415128
Ion Ratio Lower Upper
99 100
42 18.9 14.6 21.8
71 31.8 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.164 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

Tgt Ion: 70 Resp: 34755
Ion Ratio Lower Upper
70 100
42 50.2 49.7 74.5
101 0.0 7.0 10.4#
130 2.1 14.3 21.5#

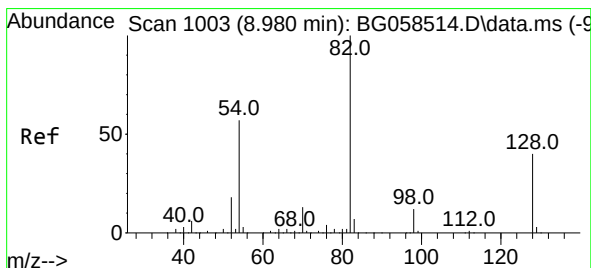
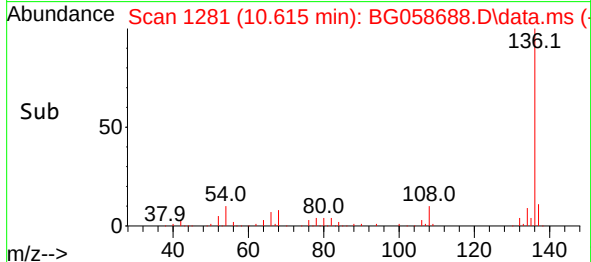
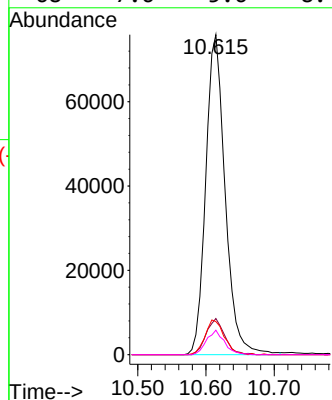
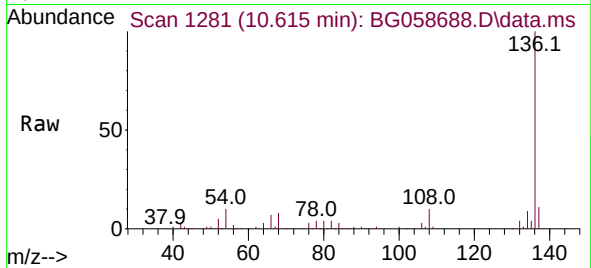




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

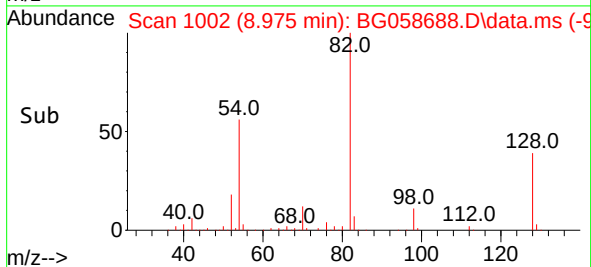
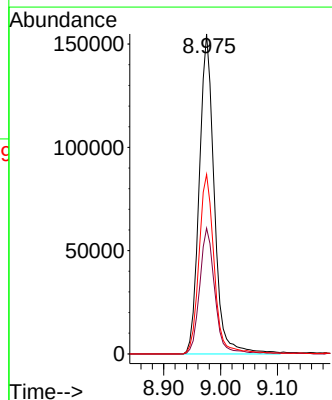
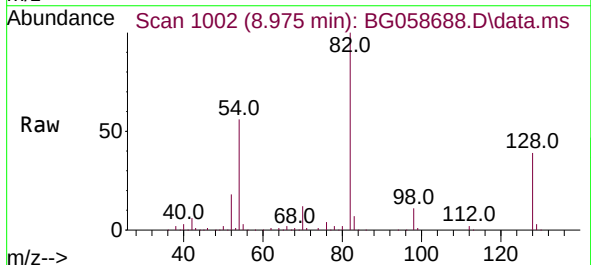
Instrument :
BNA_G
ClientSampleId :
WC-19

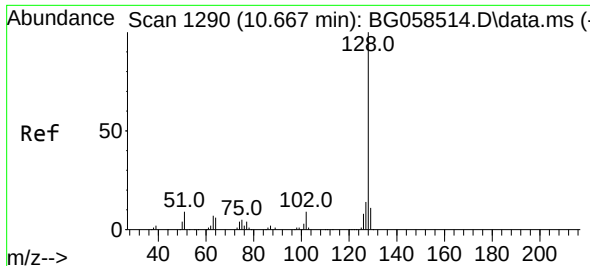
Tgt Ion:	136	Resp:	149925
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	10.4	8.9	13.3
68	7.6	5.6	8.4



#23
Nitrobenzene-d5
Concen: 92.812 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

Tgt Ion:	82	Resp:	283252
Ion Ratio	Lower	Upper	
82	100		
128	39.3	32.2	48.2
54	56.1	46.0	69.0

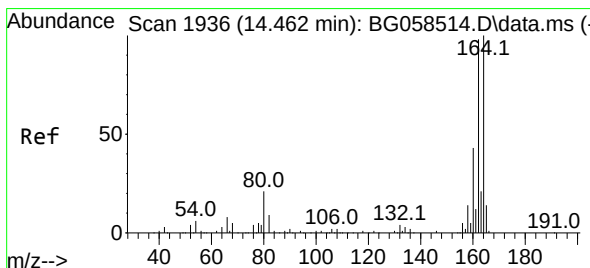
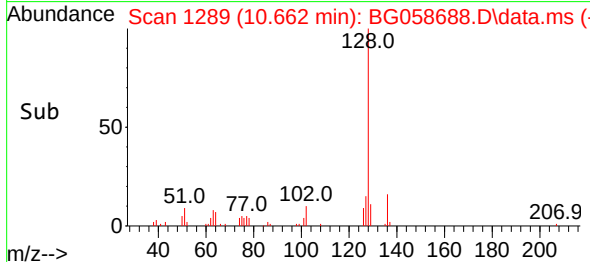
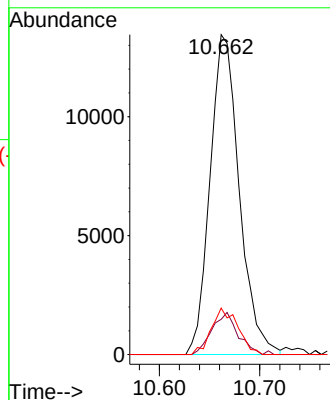
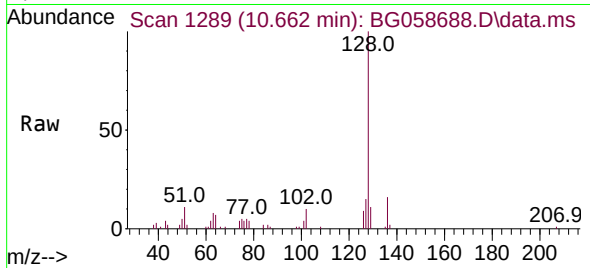




#31
Naphthalene
Concen: 3.447 ng
RT: 10.662 min Scan# 1289
Delta R.T. -0.005 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

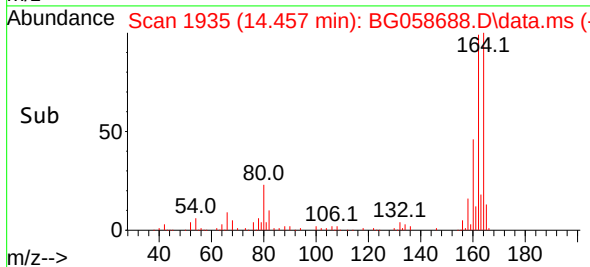
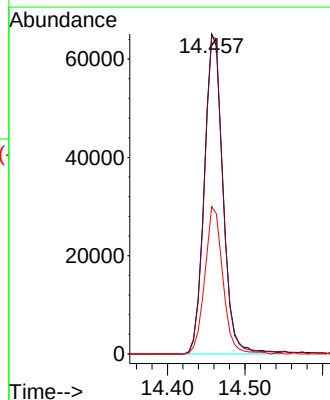
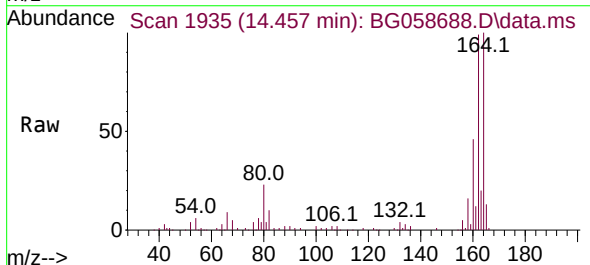
Instrument :
BNA_G
ClientSampleId :
WC-19

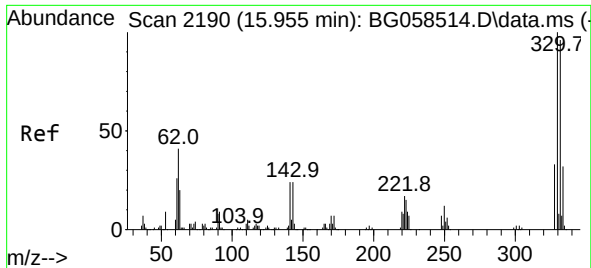
Tgt Ion:	128	Resp:	27240
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	14.5	10.9	16.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

Tgt Ion:	164	Resp:	108482
Ion Ratio	Lower	Upper	
164	100		
162	99.1	78.3	117.5
160	46.1	34.1	51.1

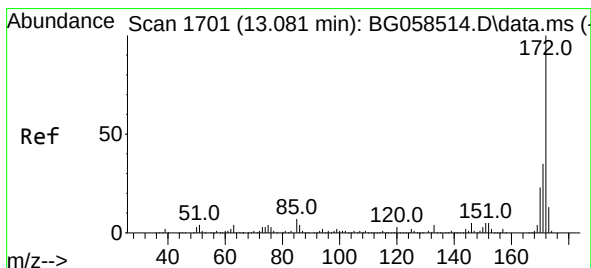
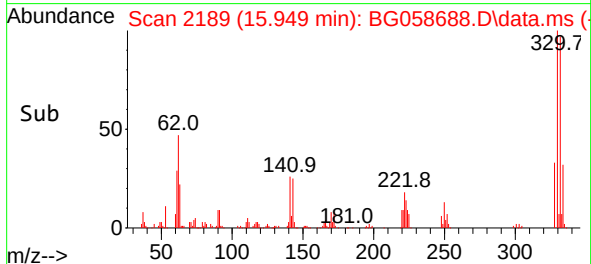
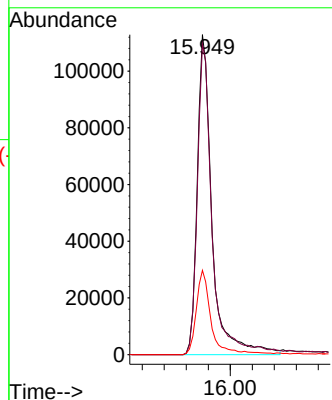
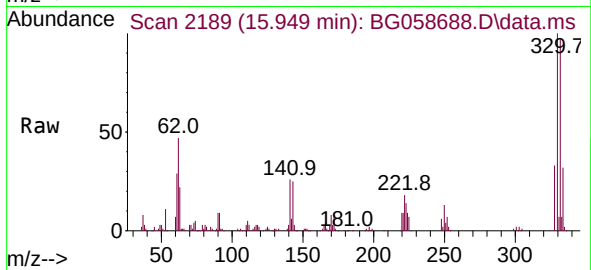




#42
2,4,6-Tribromophenol
Concen: 118.278 ng
RT: 15.949 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

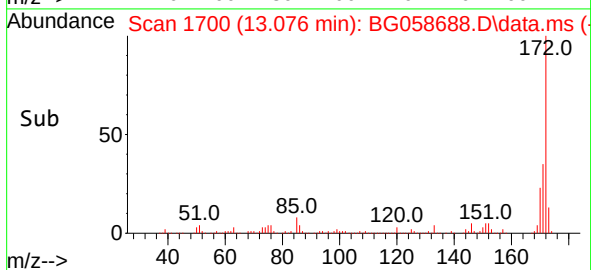
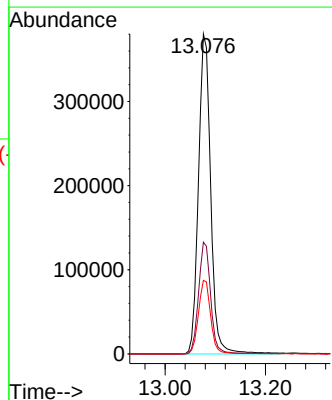
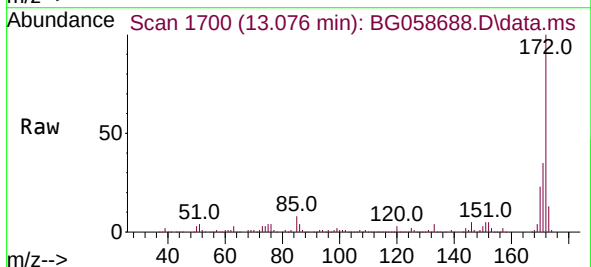
Instrument :
BNA_G
ClientSampleId :
WC-19

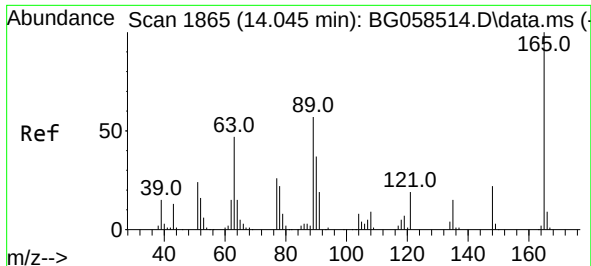
Tgt Ion:330 Resp: 210309
Ion Ratio Lower Upper
330 100
332 94.6 77.5 116.3
141 26.5 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 88.797 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

Tgt Ion:172 Resp: 642795
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.0 18.4 27.6

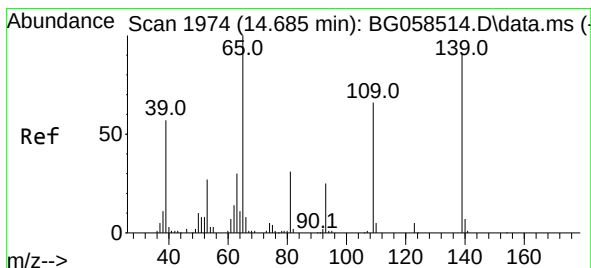
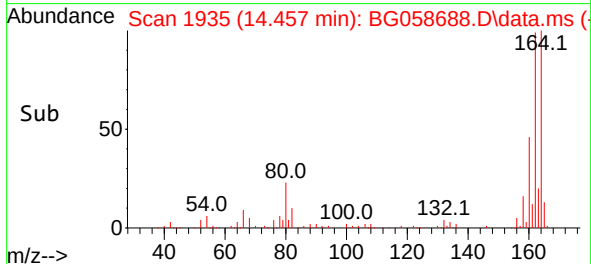
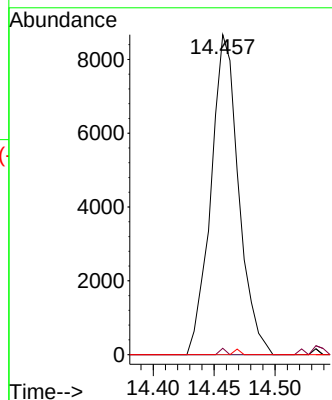
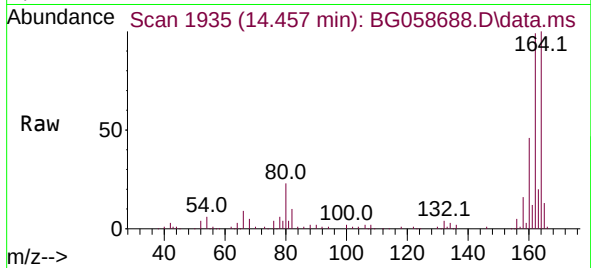




#51
2,6-Dinitrotoluene
Concen: 7.676 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

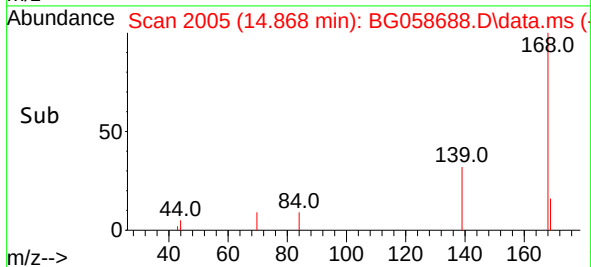
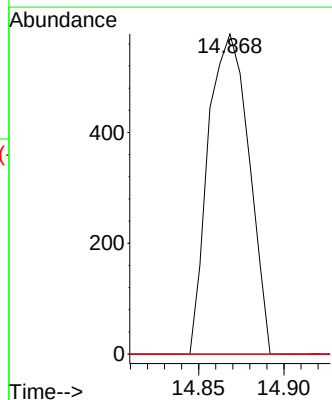
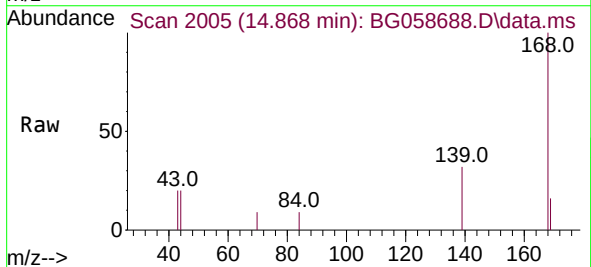
Instrument :
BNA_G
ClientSampleId :
WC-19

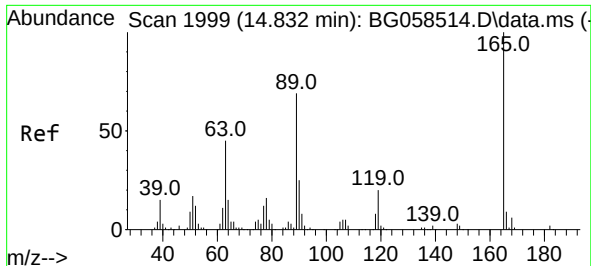
Tgt Ion:165 Resp: 13722
Ion Ratio Lower Upper
165 100
63 2.0 46.4 69.6#
89 0.0 45.3 67.9#



#56
4-Nitrophenol
Concen: 4.018 ng
RT: 14.868 min Scan# 2005
Delta R.T. 0.183 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

Tgt Ion:139 Resp: 958
Ion Ratio Lower Upper
139 100
109 0.0 52.5 92.5#
65 0.0 90.5 130.5#





#57

2,4-Dinitrotoluene

Concen: 5.537 ng

RT: 14.457 min Scan# 19

Delta R.T. -0.375 min

Lab File: BG058688.D

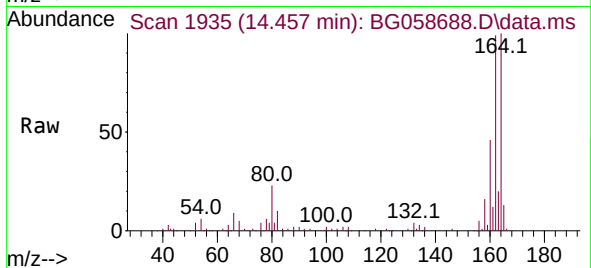
Acq: 10 Aug 2023 21:11

Instrument :

BNA_G

ClientSampleId :

WC-19



Tgt Ion:165 Resp: 13722

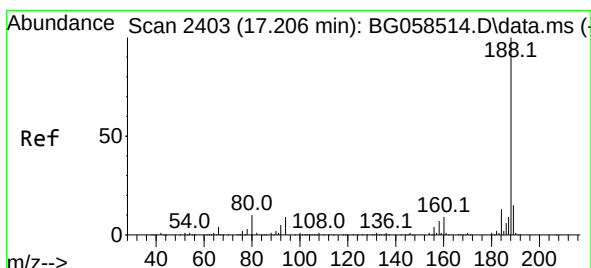
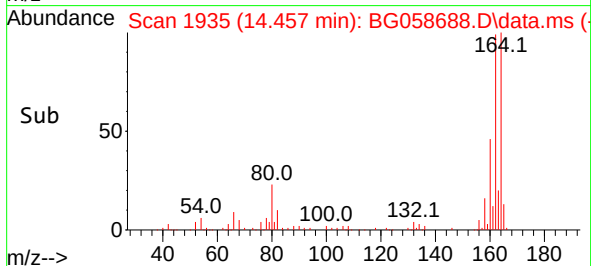
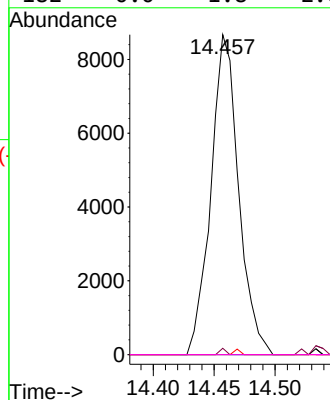
Ion Ratio Lower Upper

165 100

63 2.0 36.6 54.8#

89 0.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058688.D

Acq: 10 Aug 2023 21:11

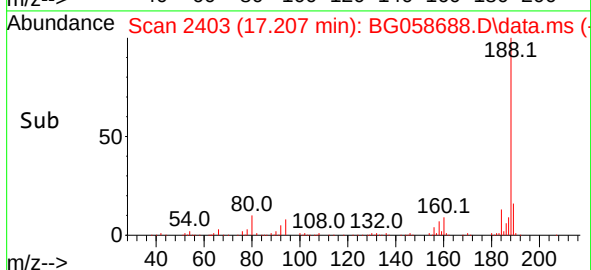
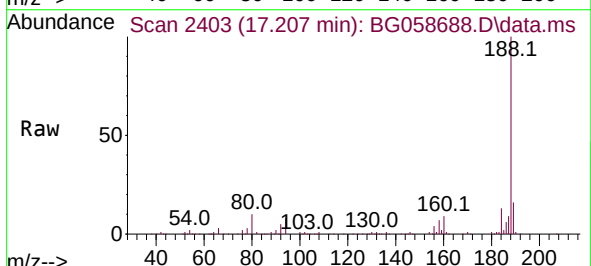
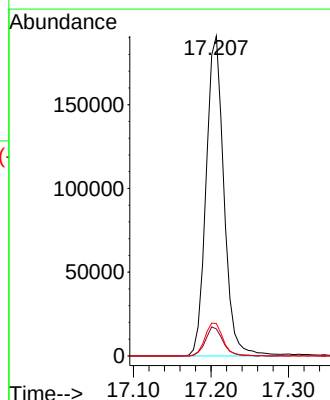
Tgt Ion:188 Resp: 304337

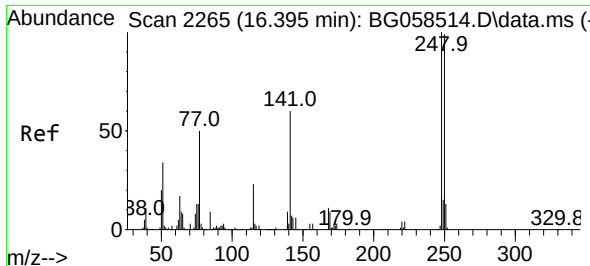
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 10.1 8.1 12.1

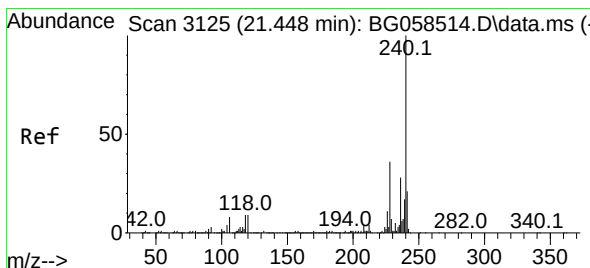
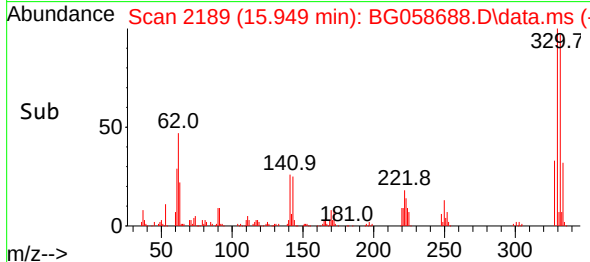
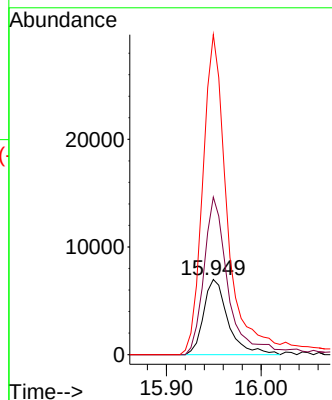
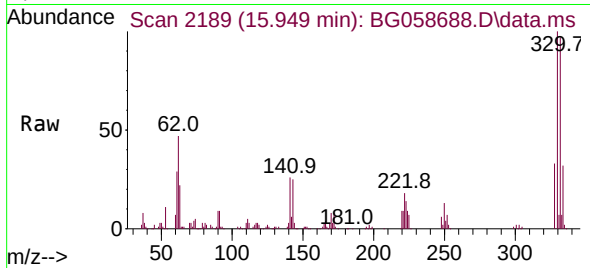




#67
4-Bromophenyl-phenylether
Concen: 3.632 ng
RT: 15.949 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

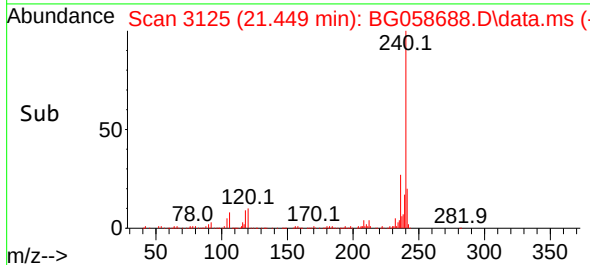
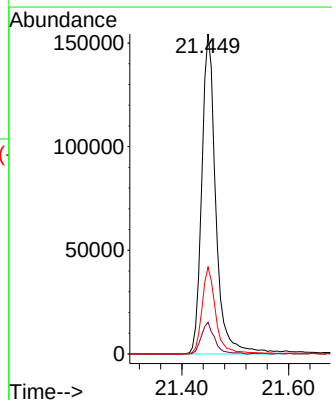
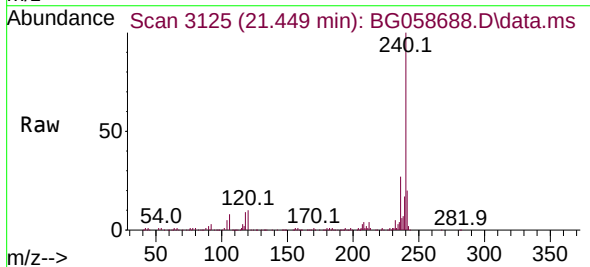
Instrument :
BNA_G
ClientSampleId :
WC-19

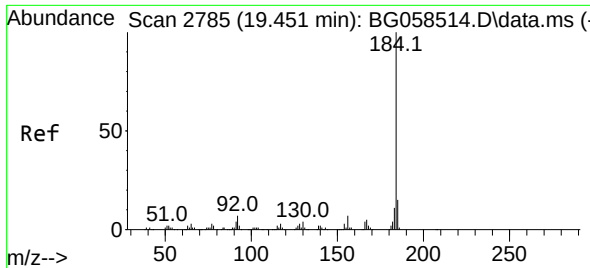
Tgt Ion:248 Resp: 12538
Ion Ratio Lower Upper
248 100
250 209.8 79.5 119.3#
141 426.1 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

Tgt Ion:240 Resp: 282534
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 27.1 22.2 33.4

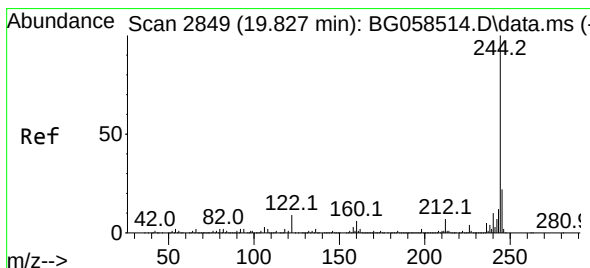
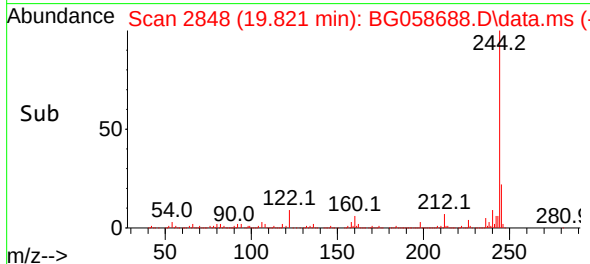
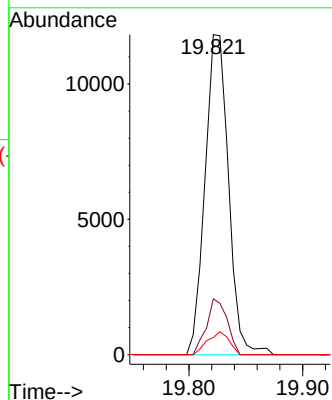
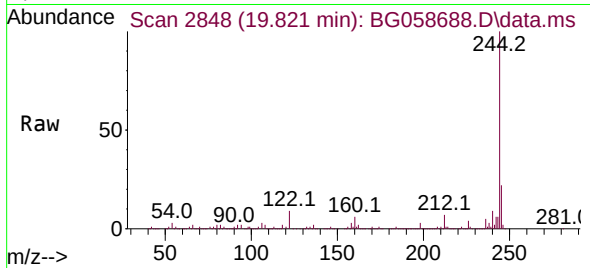




#77
Benzidine
Concen: 3.959 ng
RT: 19.821 min Scan# 2848
Delta R.T. 0.371 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

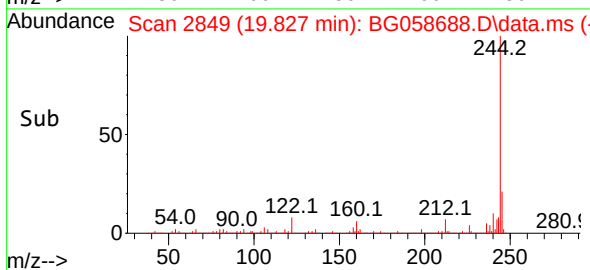
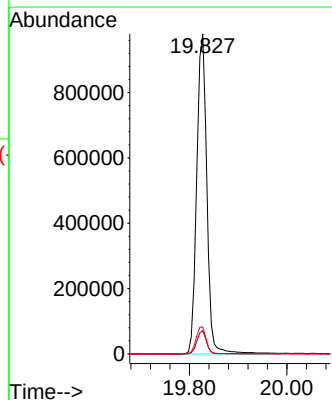
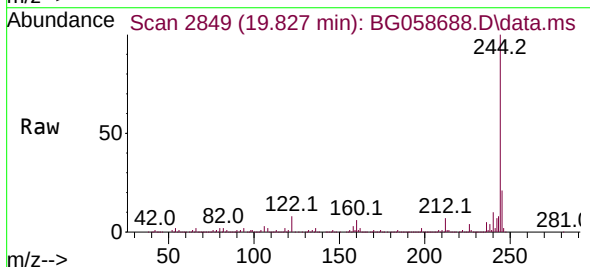
Instrument :
BNA_G
ClientSampleId :
WC-19

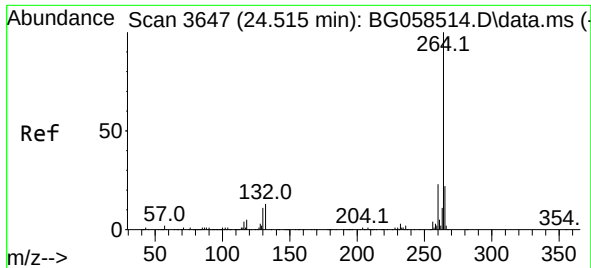
Tgt Ion:184 Resp: 16963
Ion Ratio Lower Upper
184 100
185 17.4 11.9 17.9
183 5.3 8.7 13.1#



#79
Terphenyl-d14
Concen: 93.756 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.001 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

Tgt Ion:244 Resp: 1408610
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.4 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 3648
 Delta R.T. 0.007 min
 Lab File: BG058688.D
 Acq: 10 Aug 2023 21:11

Instrument :
 BNA_G
 ClientSampleId :
 WC-19

Tgt Ion:264 Resp: 317903
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 22.2 17.9 26.9

