

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057843.D
 Acq On : 23 Jun 2023 15:24
 Operator : CG/JU
 Sample : 03337-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-18

Quant Time: Jun 23 16:13:10 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)

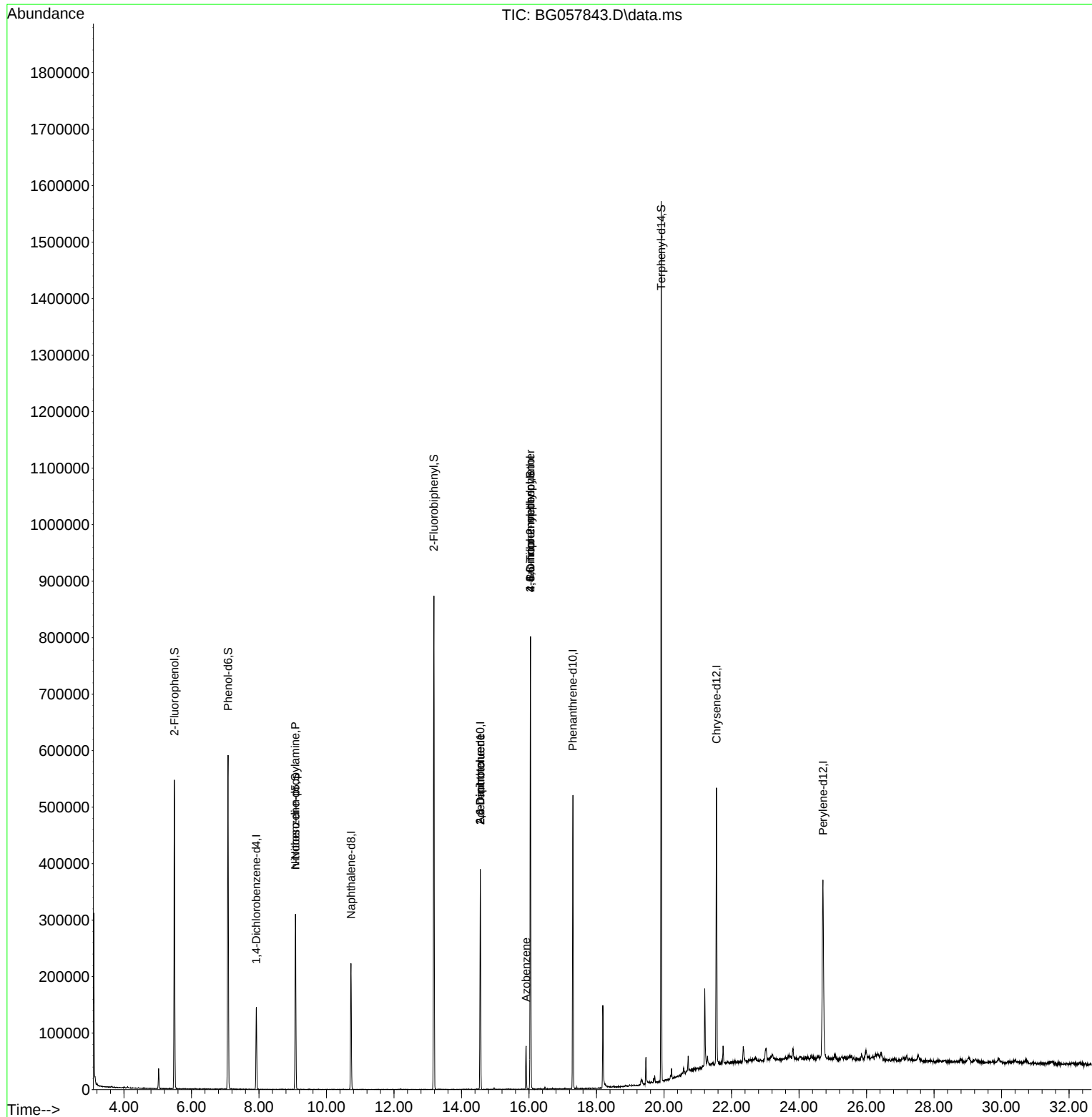
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	41101	20.000	ng	-0.01
21) Naphthalene-d8	10.726	136	185891	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	135264	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	319494	20.000	ng	0.00
76) Chrysene-d12	21.554	240	270663	20.000	ng	0.00
86) Perylene-d12	24.710	264	337006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	227598	85.384	ng	0.00
7) Phenol-d6	7.083	99	351498	86.421	ng	0.00
23) Nitrobenzene-d5	9.081	82	185169	51.124	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	166828	88.540	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	458897	51.457	ng	0.00
79) Terphenyl-d14	19.915	244	780892	53.798	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.081	70	22626	7.979	ng	# 78
51) 2,6-Dinitrotoluene	14.557	165	17548	9.172	ng	# 19
57) 2,4-Dinitrotoluene	14.557	165	17548	6.764	ng	# 19
63) Azobenzene	15.914	77	22563	2.070	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.043	198	363	5.532	ng	# 1
67) 4-Bromophenyl-phenylether	16.043	248	10651	3.143	ng	# 1

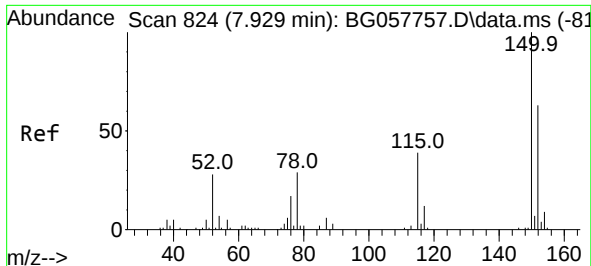
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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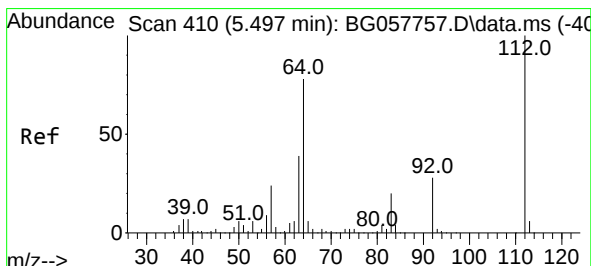
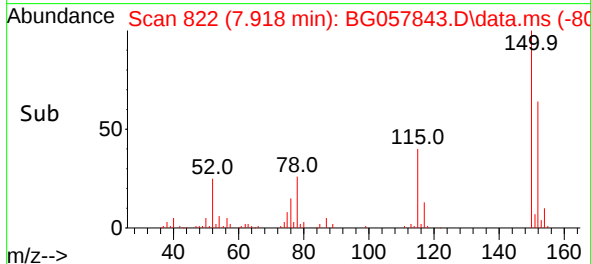
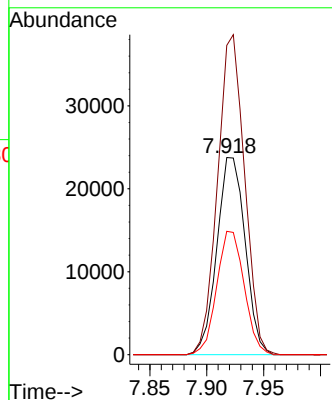
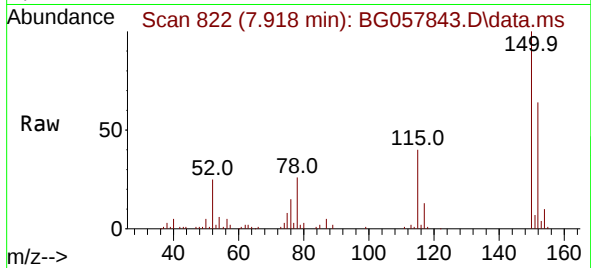




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

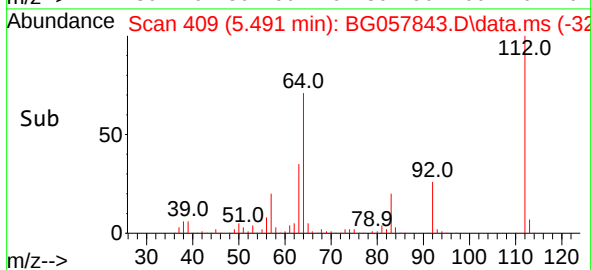
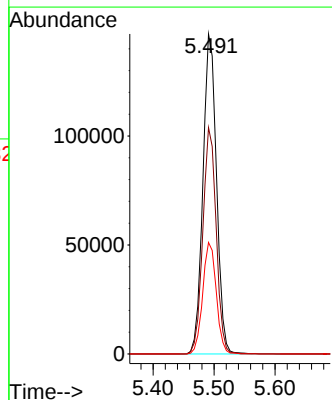
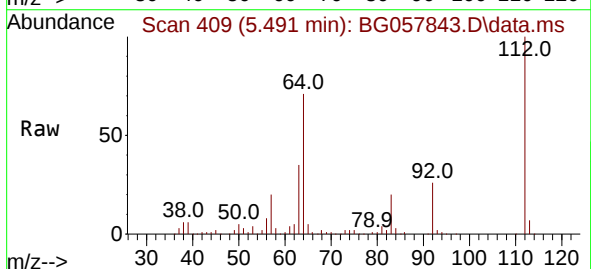
Instrument :
BNA_G
ClientSampleId :
WC-18

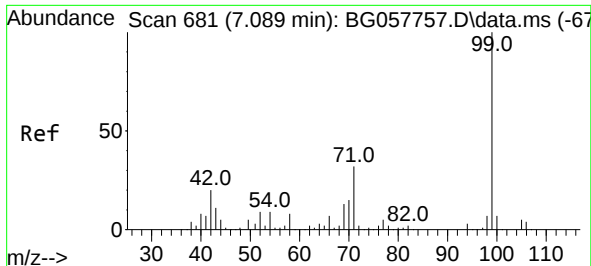
Tgt Ion:152 Resp: 41101
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 62.6 48.9 73.3



#5
2-Fluorophenol
Concen: 85.384 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

Tgt Ion:112 Resp: 227598
Ion Ratio Lower Upper
112 100
64 70.7 62.1 93.1
63 34.8 31.5 47.3

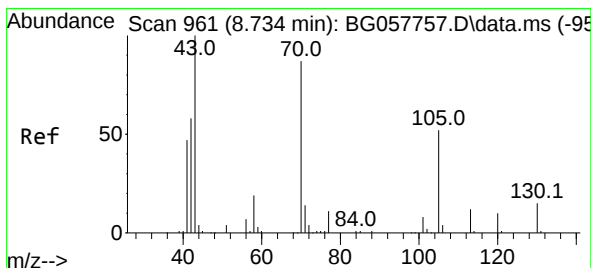
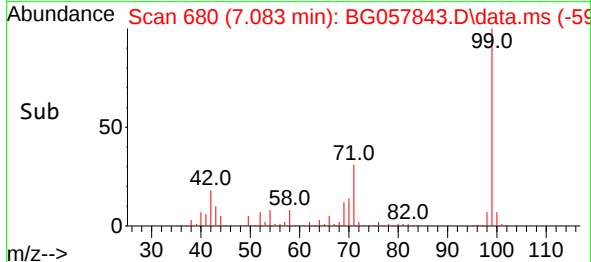
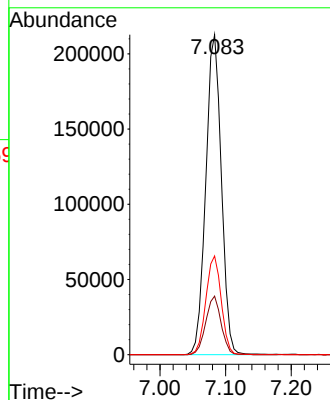
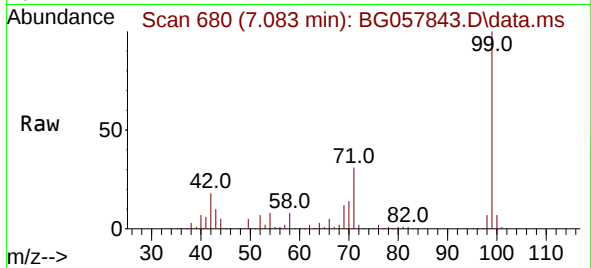




#7
Phenol-d6
Concen: 86.421 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

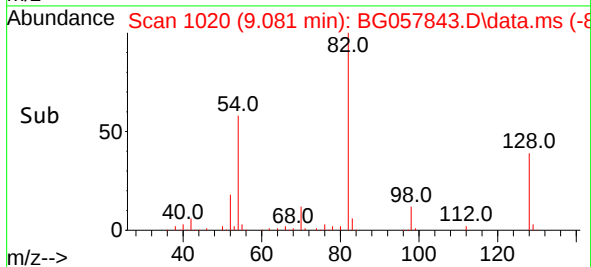
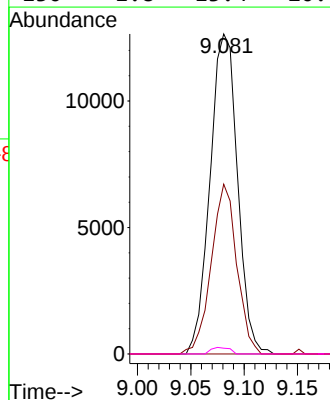
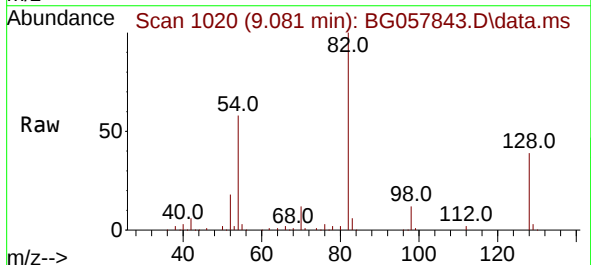
Instrument :
BNA_G
ClientSampleId :
WC-18

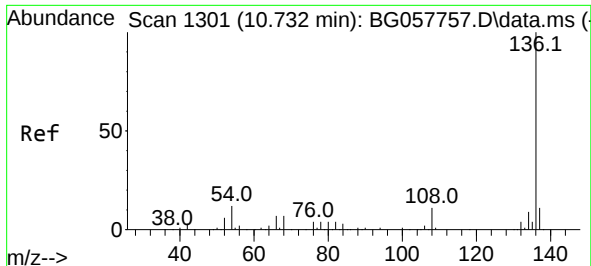
Tgt Ion: 99 Resp: 351498
Ion Ratio Lower Upper
99 100
42 18.3 16.4 24.6
71 30.9 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 7.979 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.347 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

Tgt Ion: 70 Resp: 22626
Ion Ratio Lower Upper
70 100
42 53.1 54.2 81.2#
101 0.0 7.4 11.0#
130 1.8 13.4 20.0#

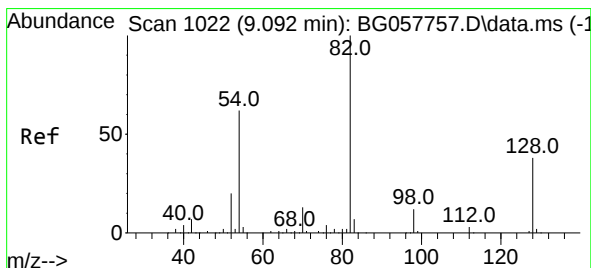
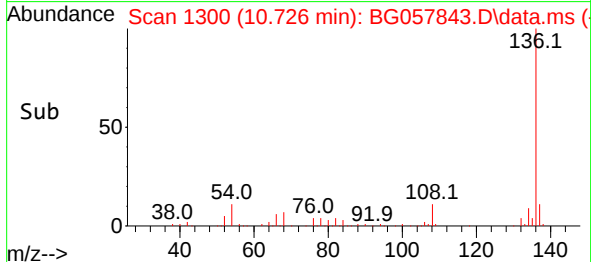
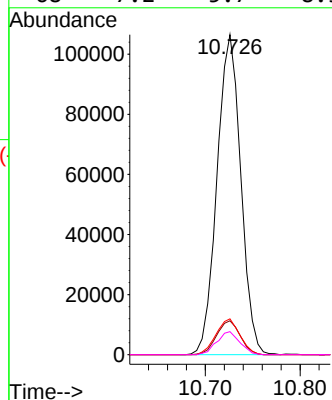
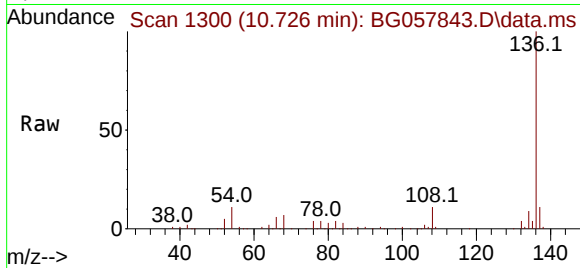




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

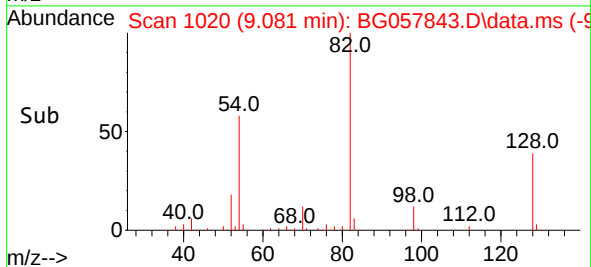
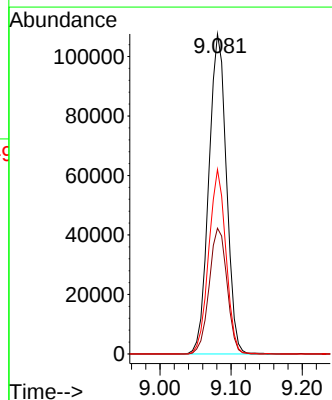
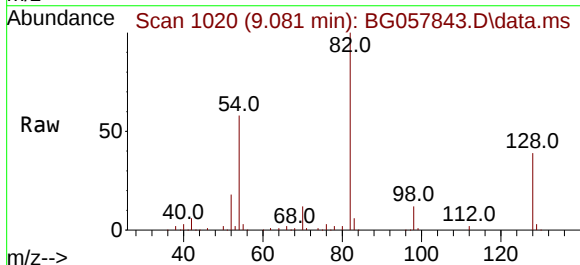
Instrument :
BNA_G
ClientSampleId :
WC-18

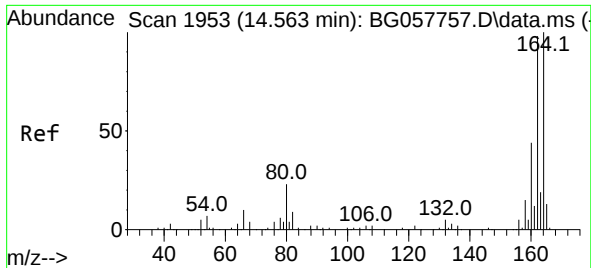
Tgt Ion:	136	Resp:	185891
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	11.2	9.5	14.3
68	7.2	5.7	8.5



#23
Nitrobenzene-d5
Concen: 51.124 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

Tgt Ion:	82	Resp:	185169
Ion Ratio	Lower	Upper	
82	100		
128	39.3	30.7	46.1
54	57.6	49.6	74.4

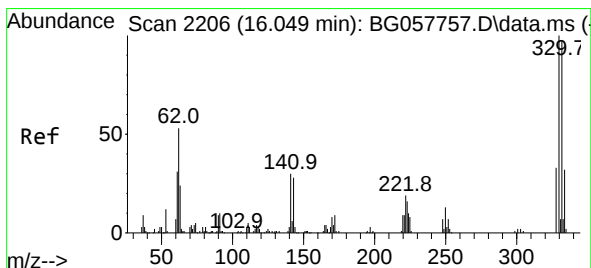
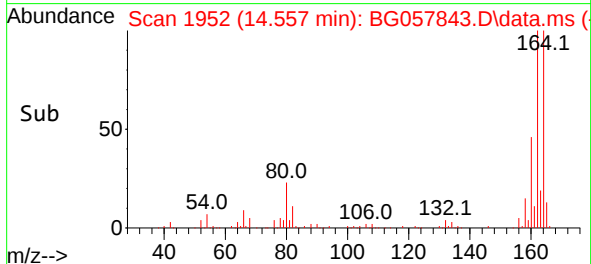
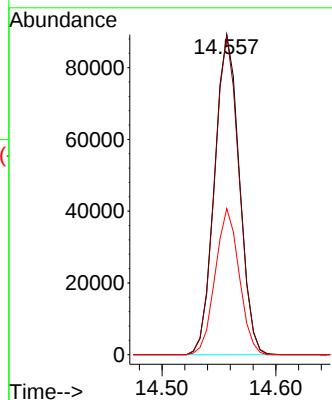
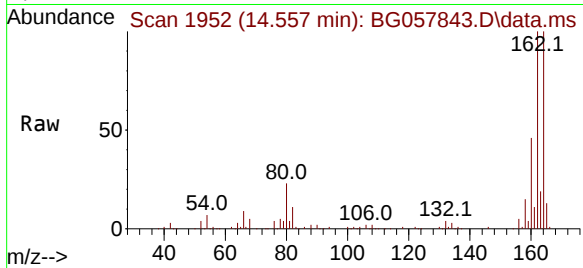




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

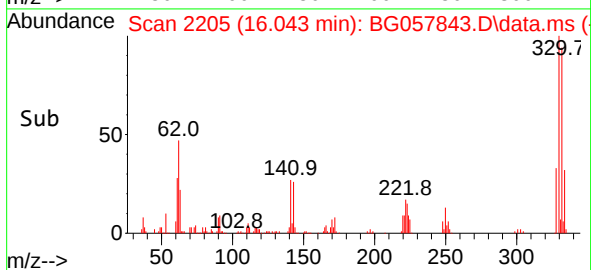
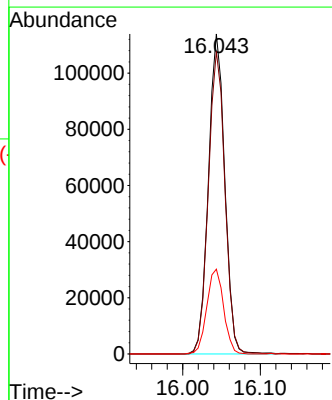
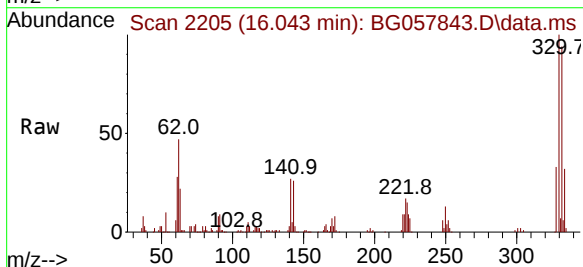
Instrument :
BNA_G
ClientSampleId :
WC-18

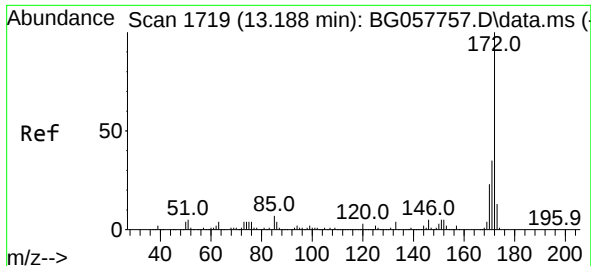
Tgt Ion:164 Resp: 135264
Ion Ratio Lower Upper
164 100
162 99.8 78.3 117.5
160 45.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 88.540 ng
RT: 16.043 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

Tgt Ion:330 Resp: 166828
Ion Ratio Lower Upper
330 100
332 95.6 76.6 115.0
141 27.3 24.7 37.1

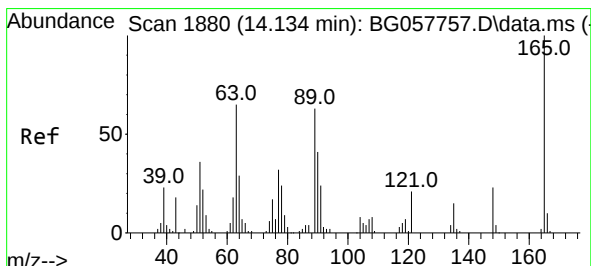
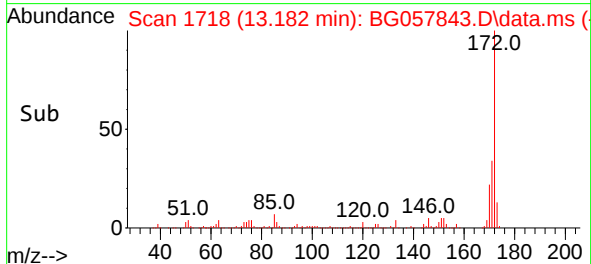
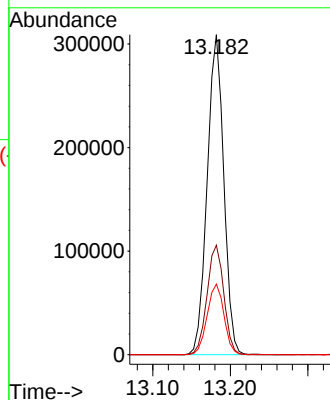
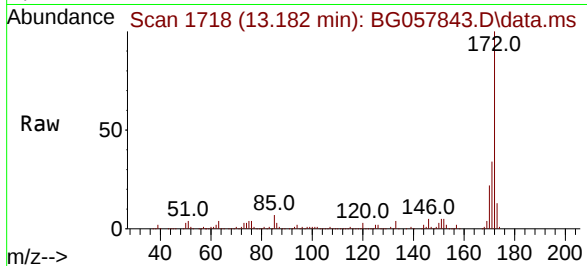




#45
2-Fluorobiphenyl
Concen: 51.457 ng
RT: 13.182 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

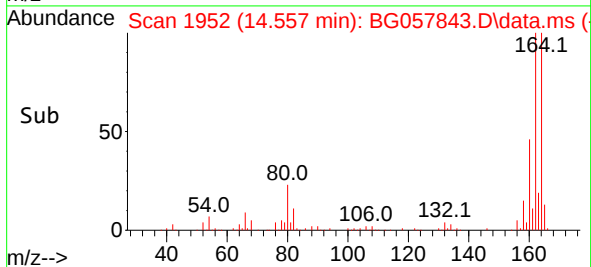
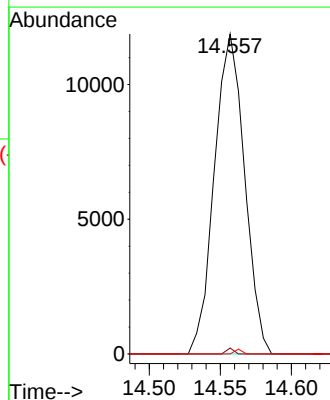
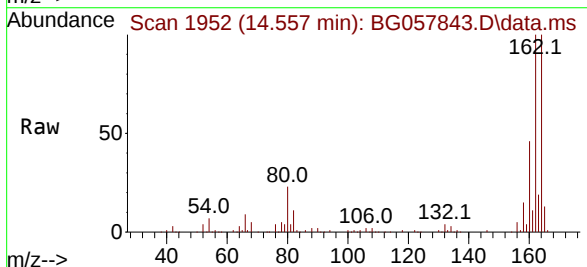
Instrument :
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ClientSampleId :
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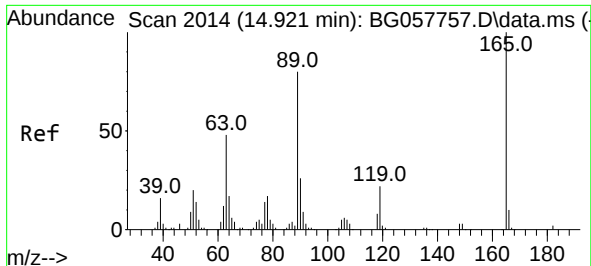
Tgt Ion:172 Resp: 458897
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 22.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.172 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.423 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

Tgt Ion:165 Resp: 17548
Ion Ratio Lower Upper
165 100
63 1.9 52.8 79.2#
89 0.0 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.764 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.364 min

Lab File: BG057843.D

Acq: 23 Jun 2023 15:24

Instrument :

BNA_G

ClientSampleId :

WC-18

Tgt Ion:165 Resp: 17548

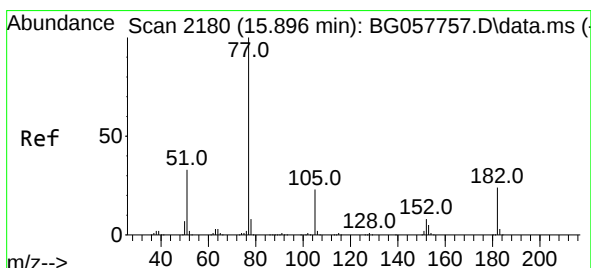
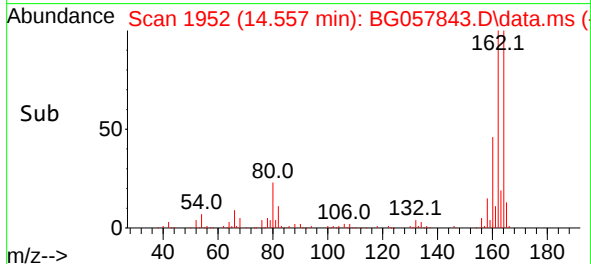
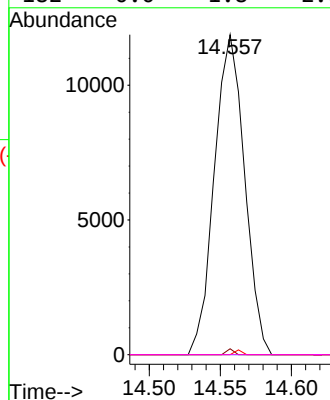
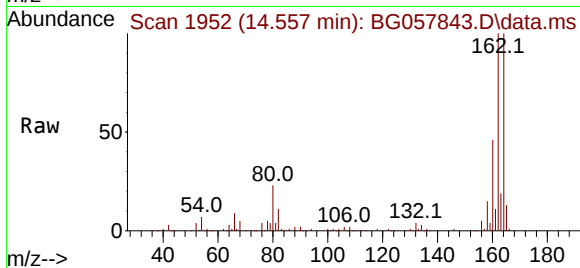
Ion Ratio Lower Upper

165 100

63 1.9 38.6 58.0#

89 0.0 63.7 95.5#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 2.070 ng

RT: 15.914 min Scan# 2183

Delta R.T. 0.018 min

Lab File: BG057843.D

Acq: 23 Jun 2023 15:24

Tgt Ion: 77 Resp: 22563

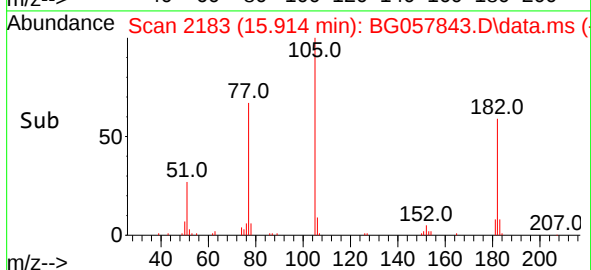
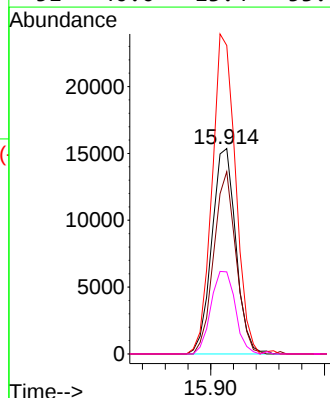
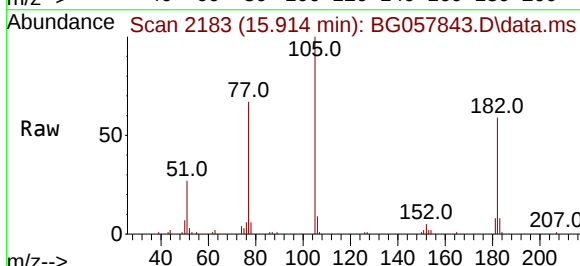
Ion Ratio Lower Upper

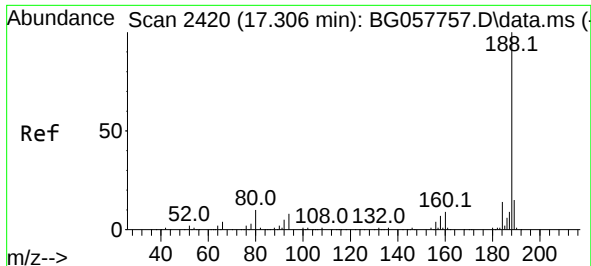
77 100

182 88.7 4.1 44.1#

105 150.1 3.3 43.3#

51 40.0 13.4 53.4

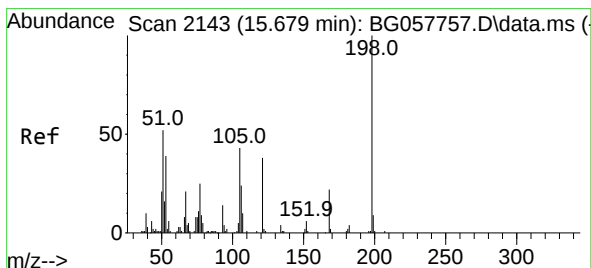
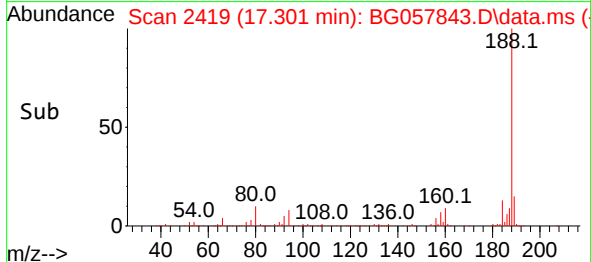
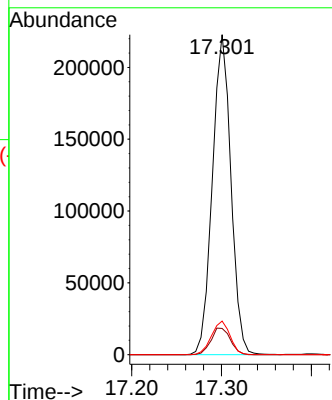
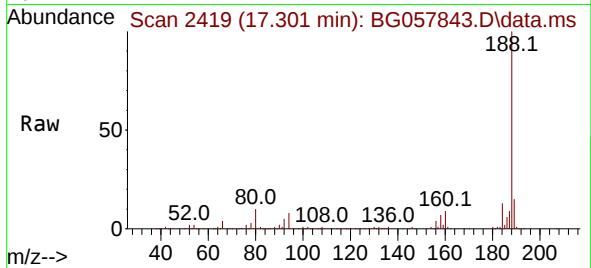




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

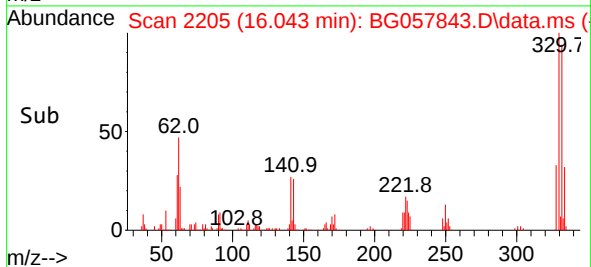
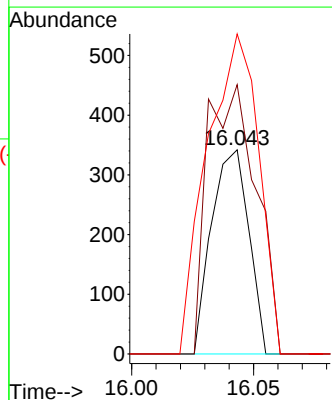
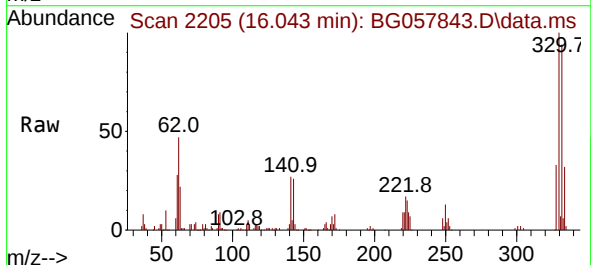
Instrument :
BNA_G
ClientSampleId :
WC-18

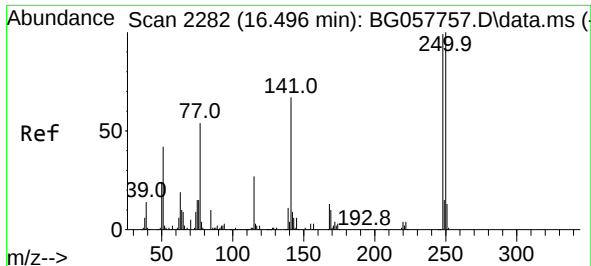
Tgt Ion:188 Resp: 319494
Ion Ratio Lower Upper
188 100
94 8.2 6.6 9.8
80 10.5 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.532 ng
RT: 16.043 min Scan# 2205
Delta R.T. 0.364 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

Tgt Ion:198 Resp: 363
Ion Ratio Lower Upper
198 100
51 131.9 36.6 76.6#
105 156.7 24.3 64.3#

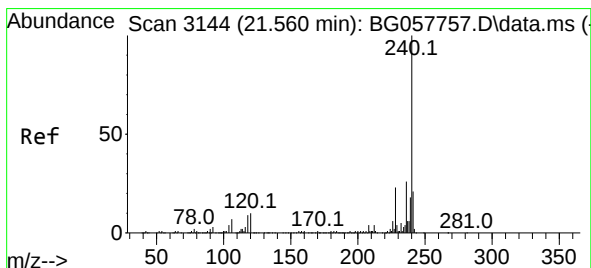
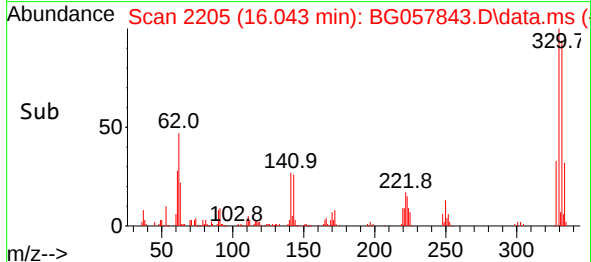
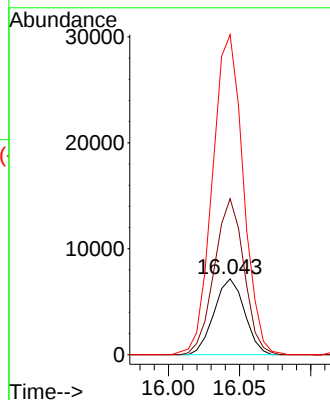
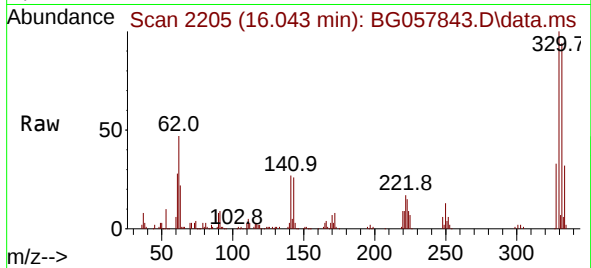




#67
4-Bromophenyl-phenylether
Concen: 3.143 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

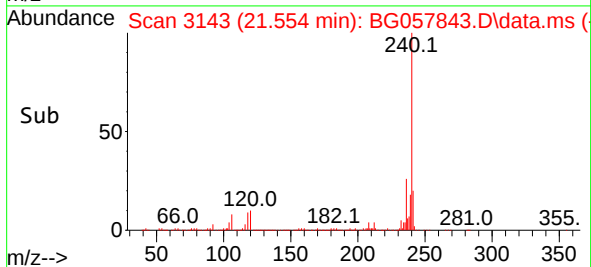
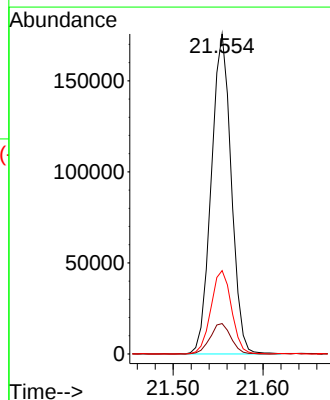
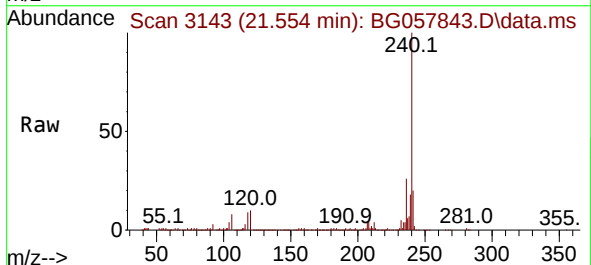
Instrument :
BNA_G
ClientSampleId :
WC-18

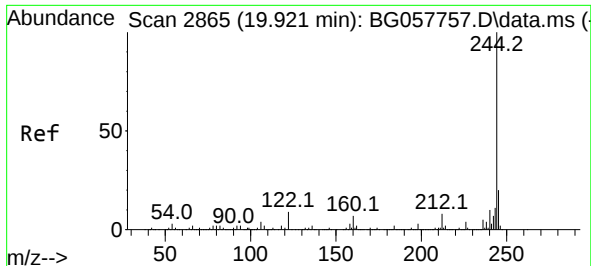
Tgt Ion:248 Resp: 10651
Ion Ratio Lower Upper
248 100
250 205.7 81.1 121.7#
141 421.7 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

Tgt Ion:240 Resp: 270663
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 26.1 20.6 30.8

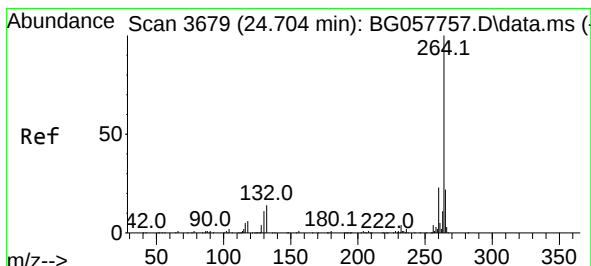
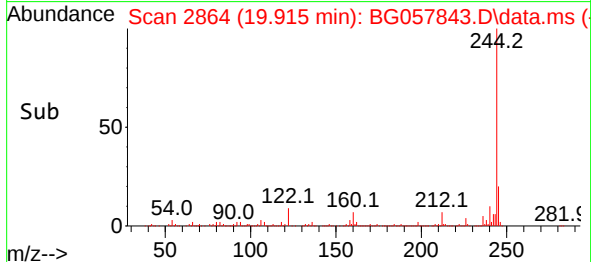
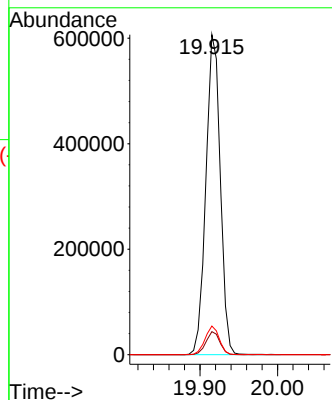
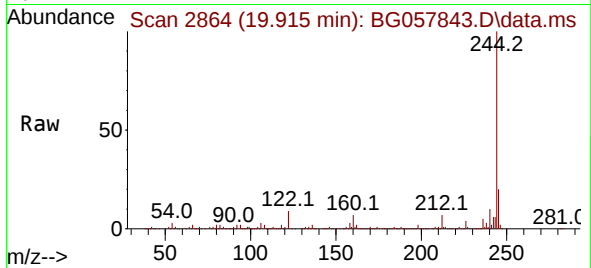




#79
 Terphenyl-d14
 Concen: 53.798 ng
 RT: 19.915 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057843.D
 Acq: 23 Jun 2023 15:24

Instrument :
 BNA_G
 ClientSampleId :
 WC-18

Tgt Ion:244 Resp: 780892
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 9.0 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.710 min Scan# 3680
 Delta R.T. 0.006 min
 Lab File: BG057843.D
 Acq: 23 Jun 2023 15:24

Tgt Ion:264 Resp: 337006
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.5 27.7
 265 21.3 17.4 26.2

