

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
 Data File : BG048627.D
 Acq On : 7 Apr 2021 21:43
 Operator : CG/JU
 Sample : M1949-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MA-1

Quant Time: Apr 08 03:36:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

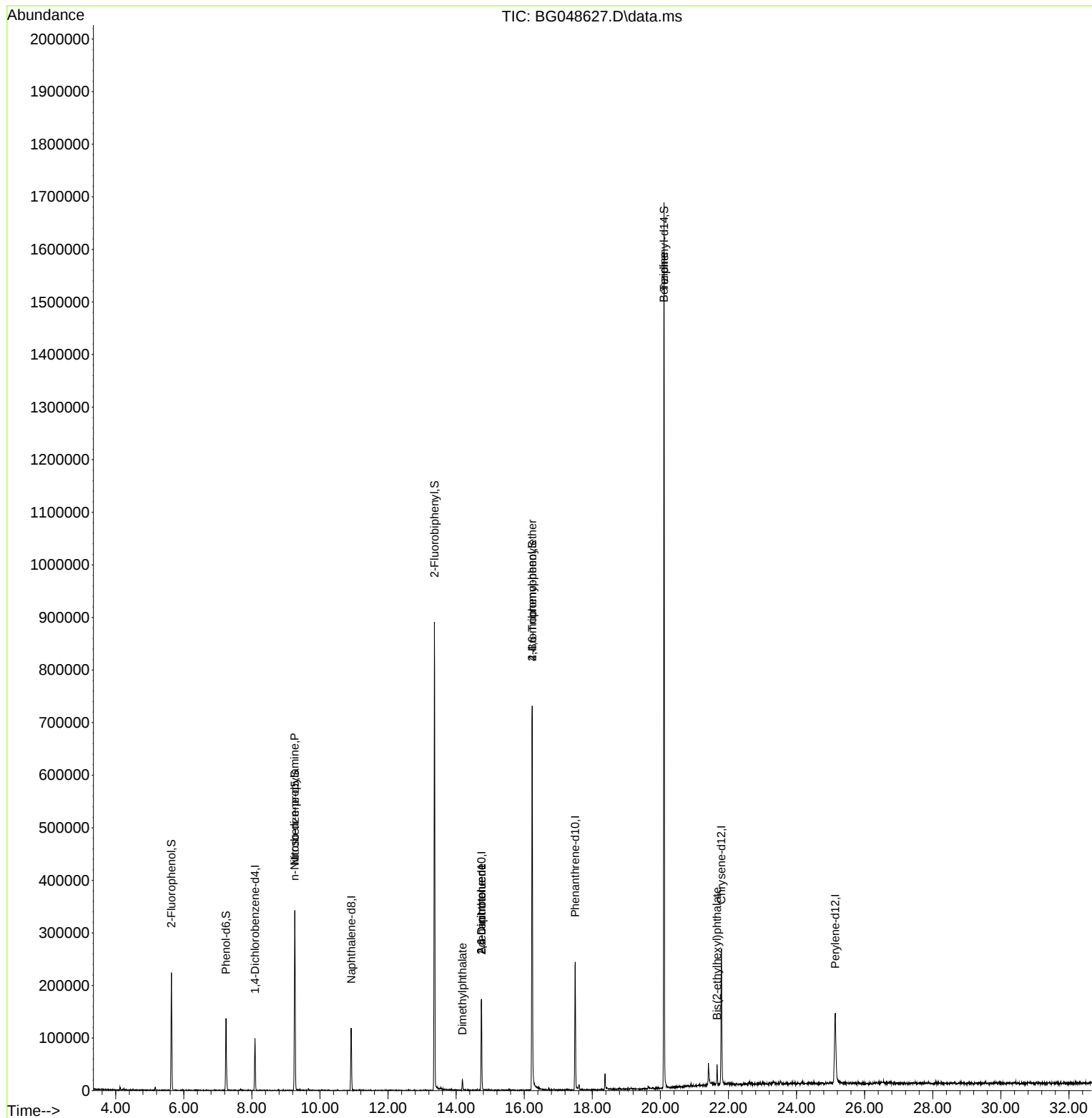
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	25626	20.00	ng	# 0.00
21) Naphthalene-d8	10.918	136	96932	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	63922	20.00	ng	0.00
64) Phenanthrene-d10	17.499	188	165570	20.00	ng	0.00
76) Chrysene-d12	21.794	240	182430	20.00	ng	# 0.00
86) Perylene-d12	25.137	264	161868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	92076	63.44	ng	0.00
7) Phenol-d6	7.240	99	69398	32.97	ng	0.00
23) Nitrobenzene-d5	9.261	82	195574	97.68	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	139499	166.02	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	444511	103.36	ng	0.00
79) Terphenyl-d14	20.107	244	796621	79.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.255	70	30606	21.09	ng	# 72
50) Dimethylphthalate	14.185	163	12878	2.71	ng	# 95
51) 2,6-Dinitrotoluene	14.743	165	9171	8.45	ng	# 17
57) 2,4-Dinitrotoluene	14.743	165	9171	5.97	ng	# 22
67) 4-Bromophenyl-phenylether	16.235	248	10309	5.62	ng	# 1
77) Benzidine	20.101	184	14695	2.38	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.664	149	14958	2.30	ng	98

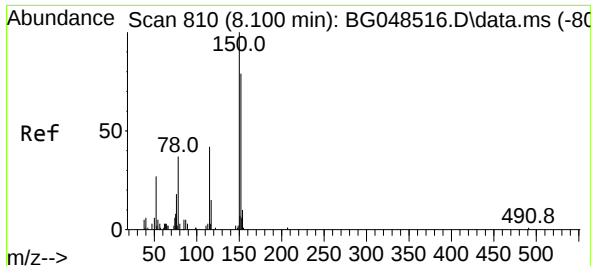
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
Data File : BG048627.D
Acq On : 7 Apr 2021 21:43
Operator : CG/JU
Sample : M1949-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MA-1

Quant Time: Apr 08 03:36:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

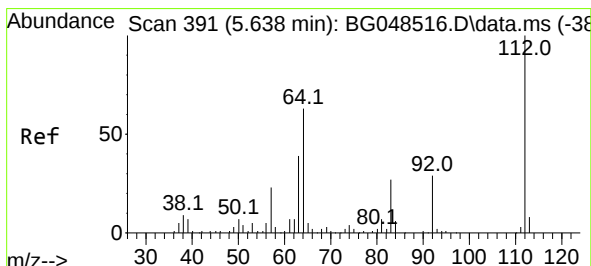
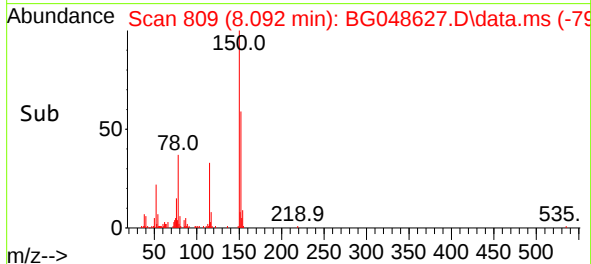
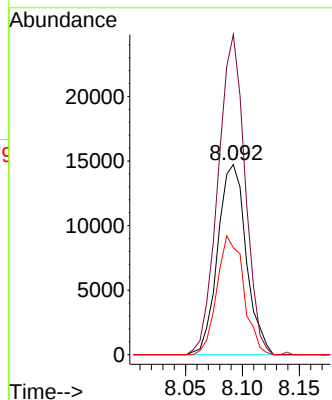
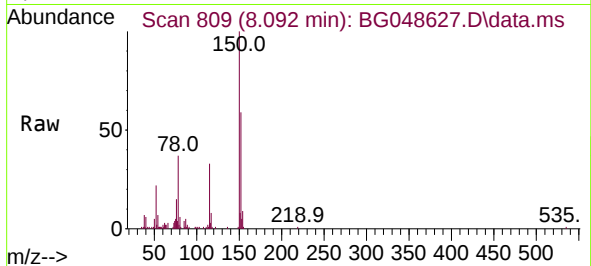




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.092 min Scan# 809
Delta R.T. -0.008 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

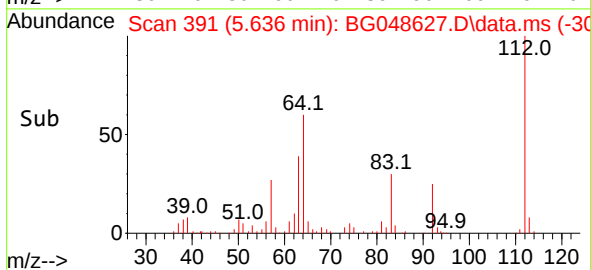
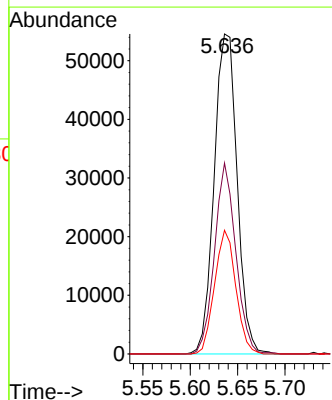
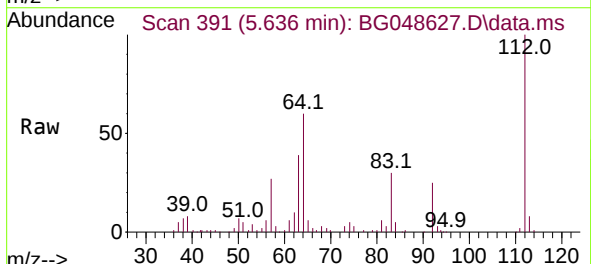
Instrument :
BNA_G
ClientSampled :
MA-1

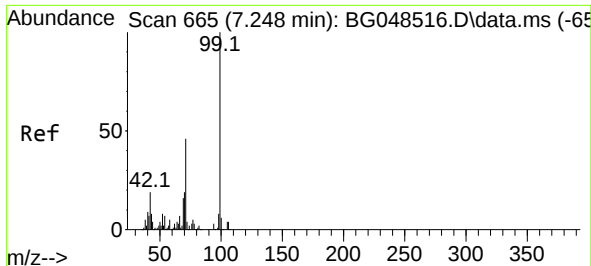
Tgt Ion:152 Resp: 25626
Ion Ratio Lower Upper
152 100
150 168.3 101.3 151.9#
115 56.3 42.3 63.5



#5
2-Fluorophenol
Concen: 63.44 ng
RT: 5.636 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

Tgt Ion:112 Resp: 92076
Ion Ratio Lower Upper
112 100
64 59.6 50.4 75.6
63 38.6 31.4 47.2

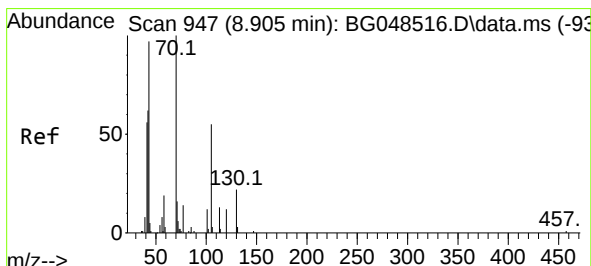
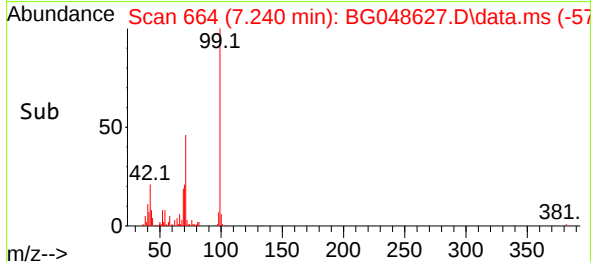
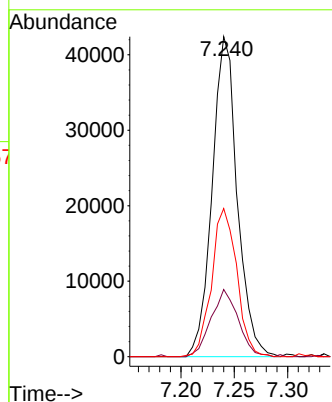
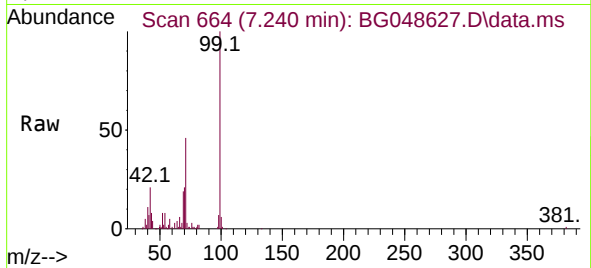




#7
Phenol-d6
Concen: 32.97 ng
RT: 7.240 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

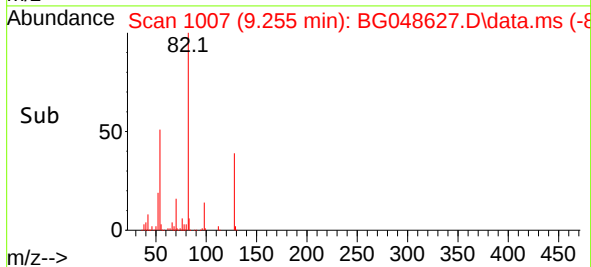
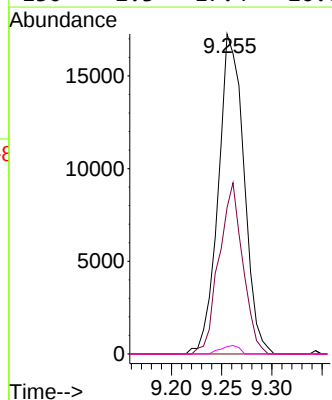
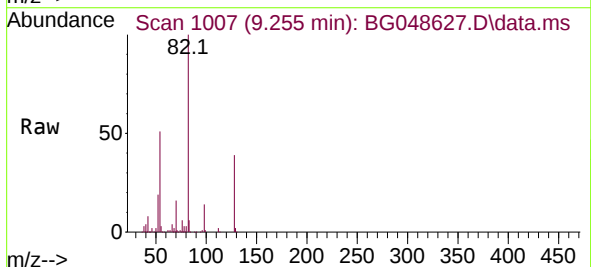
Instrument :
BNA_G
ClientSampleId :
MA-1

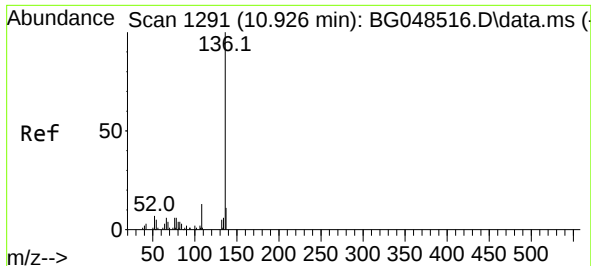
Tgt Ion: 99 Resp: 69398
Ion Ratio Lower Upper
99 100
42 21.0 15.5 23.3
71 46.3 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.09 ng
RT: 9.255 min Scan# 1007
Delta R.T. 0.350 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

Tgt Ion: 70 Resp: 30606
Ion Ratio Lower Upper
70 100
42 45.8 50.8 76.2#
101 0.0 9.7 14.5#
130 2.3 17.4 26.0#

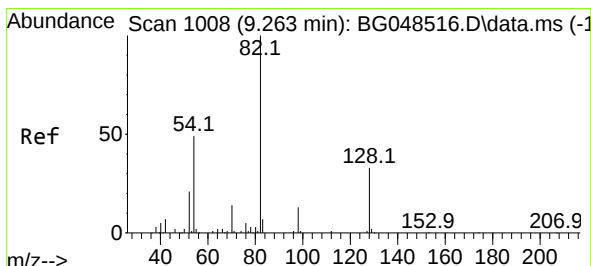
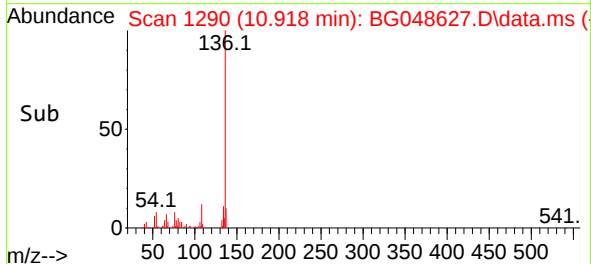
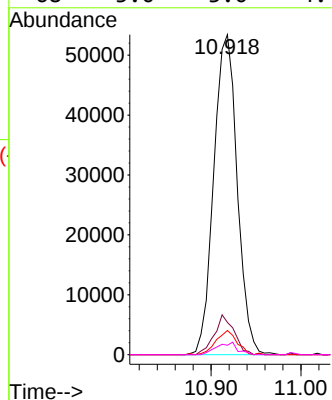
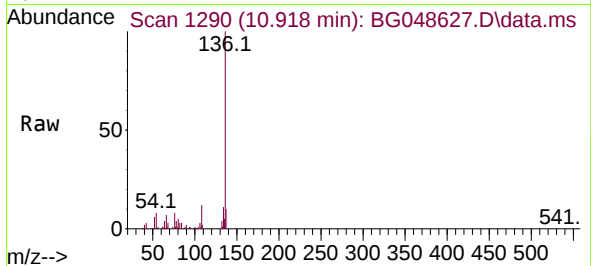




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.008 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

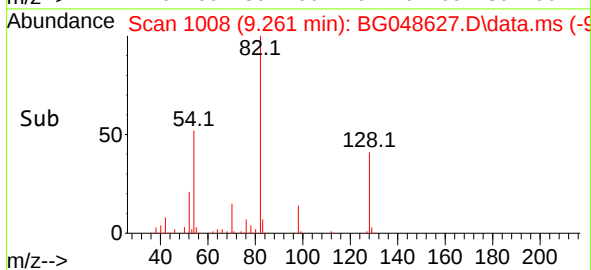
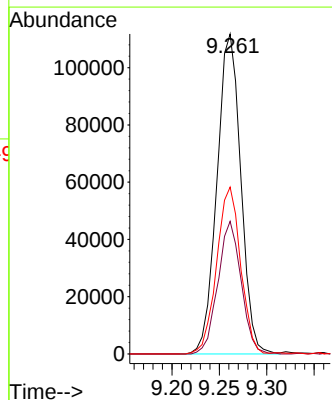
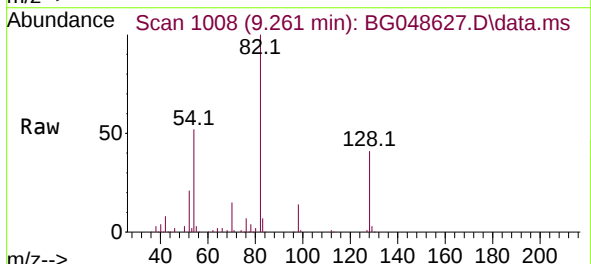
Instrument :
BNA_G
ClientSampled :
MA-1

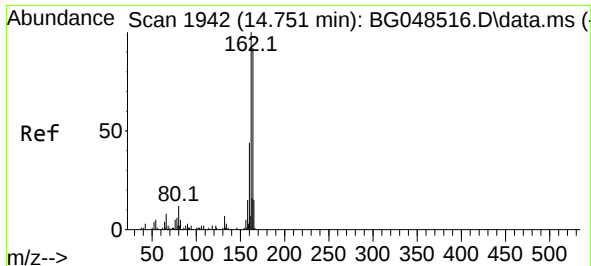
Tgt Ion:	136	Resp:	96932
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.6	12.8
54	7.6	4.2	6.4#
68	3.0	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 97.68 ng
RT: 9.261 min Scan# 1008
Delta R.T. -0.002 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

Tgt Ion:	82	Resp:	195574
Ion Ratio	Lower	Upper	
82	100		
128	41.4	26.2	39.4#
54	52.1	38.9	58.3

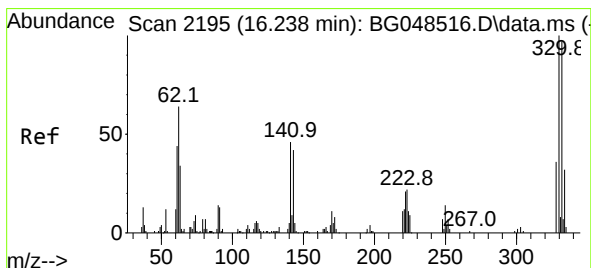
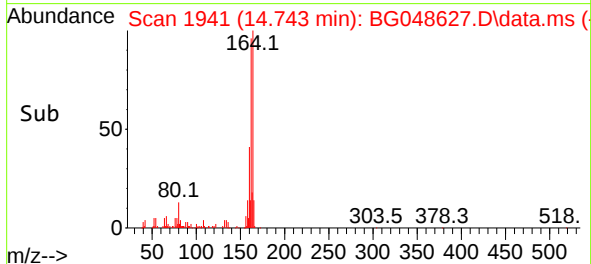
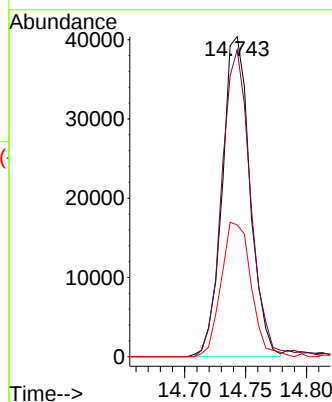
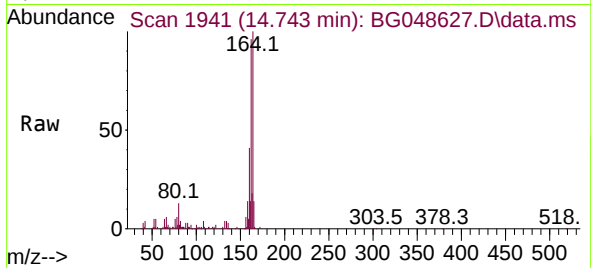




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.008 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

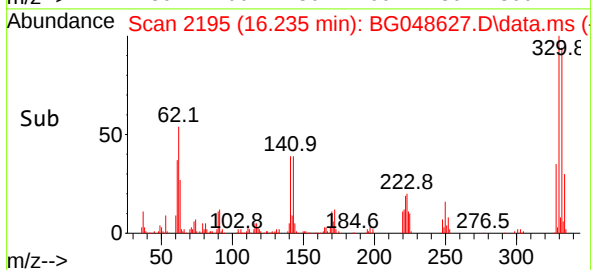
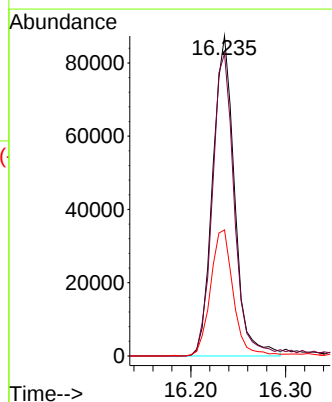
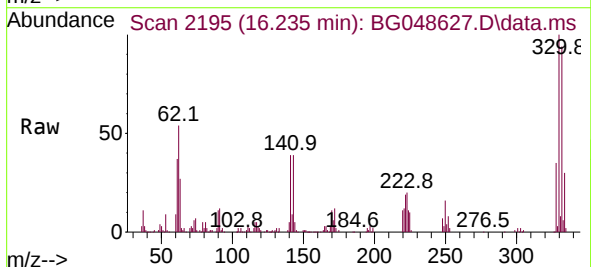
Instrument :
BNA_G
ClientSampleId :
MA-1

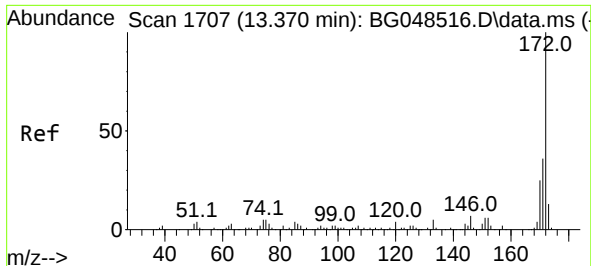
Tgt Ion:164 Resp: 63922
Ion Ratio Lower Upper
164 100
162 95.9 87.0 130.6
160 41.2 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 166.02 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.002 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

Tgt Ion:330 Resp: 139499
Ion Ratio Lower Upper
330 100
332 95.6 77.6 116.4
141 41.1 34.6 52.0

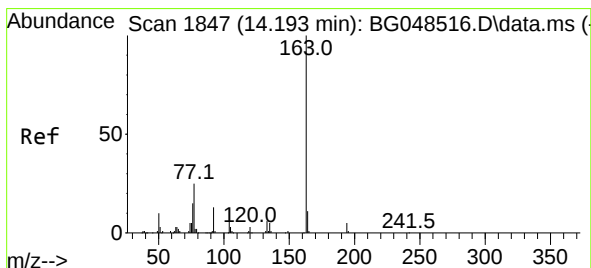
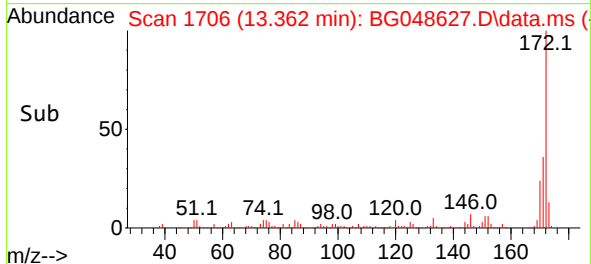
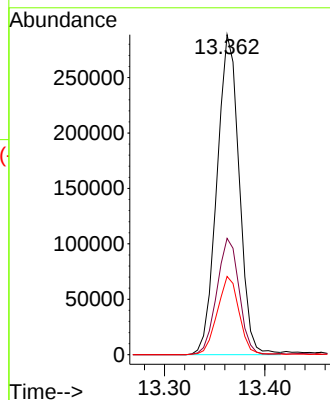
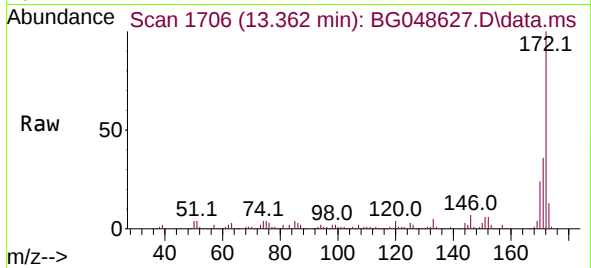




#45
2-Fluorobiphenyl
Concen: 103.36 ng
RT: 13.362 min Scan# 1706
Delta R.T. -0.008 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

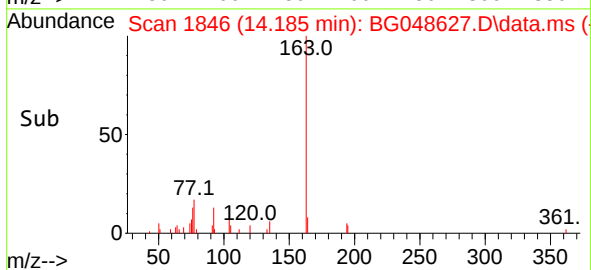
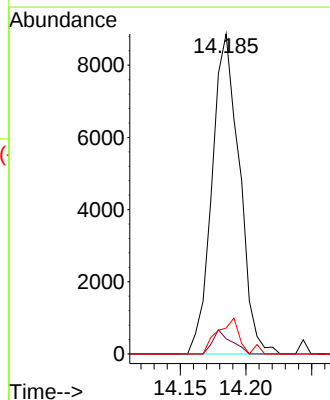
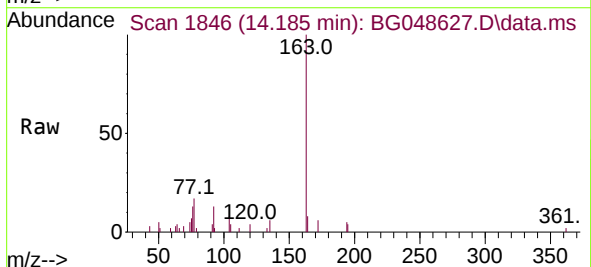
Instrument :
BNA_G
ClientSampleId :
MA-1

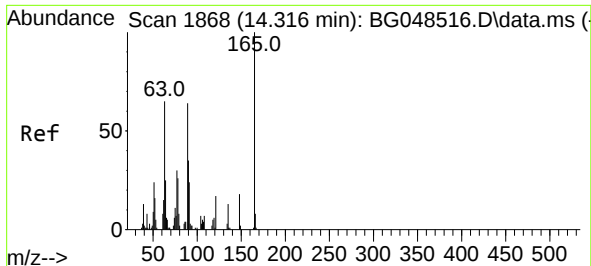
Tgt Ion:172	Resp:	444511
Ion	Ratio	Lower Upper
172	100	
171	36.3	28.5 42.7
170	24.5	19.8 29.6



#50
Dimethylphthalate
Concen: 2.71 ng
RT: 14.185 min Scan# 1846
Delta R.T. -0.008 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

Tgt Ion:163	Resp:	12878
Ion	Ratio	Lower Upper
163	100	
194	4.7	4.1 6.1
164	8.1	8.6 12.8#

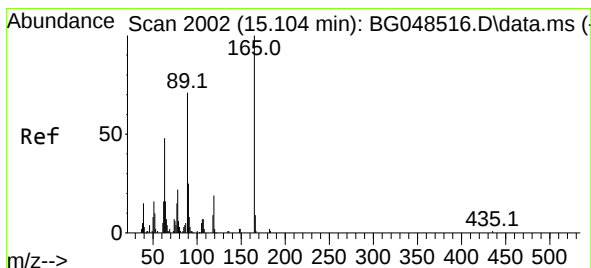
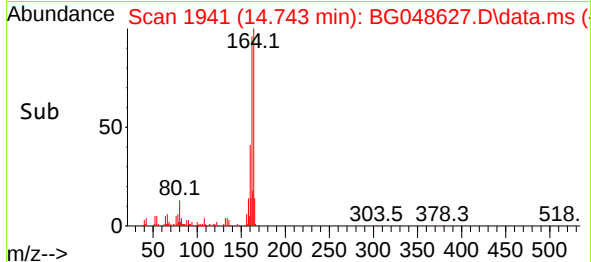
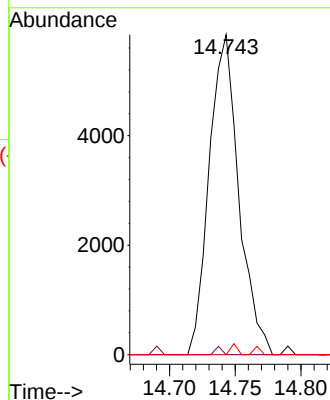
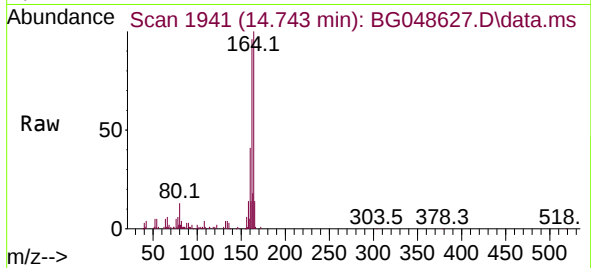




#51
2,6-Dinitrotoluene
Concen: 8.45 ng
RT: 14.743 min Scan# 1941
Delta R.T. 0.427 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

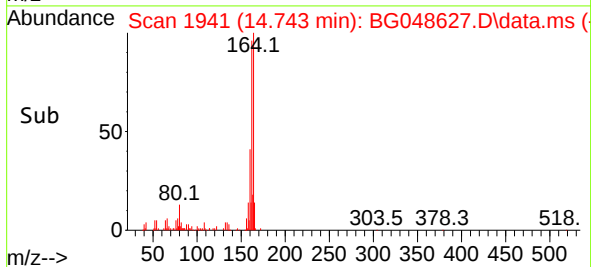
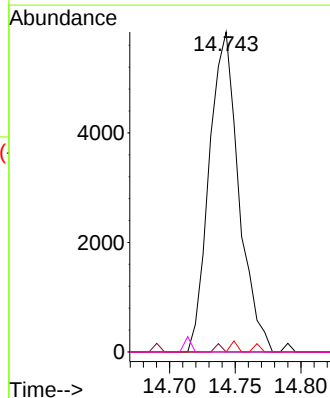
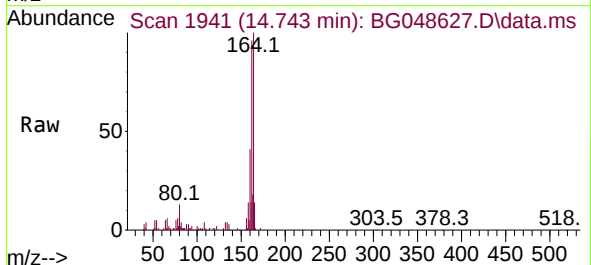
Instrument :
BNA_G
ClientSampled :
MA-1

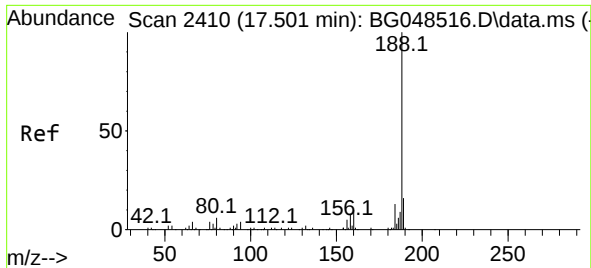
Tgt Ion:165 Resp: 9171
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

Tgt Ion:165 Resp: 9171
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#

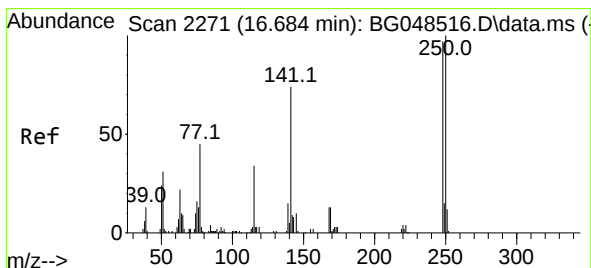
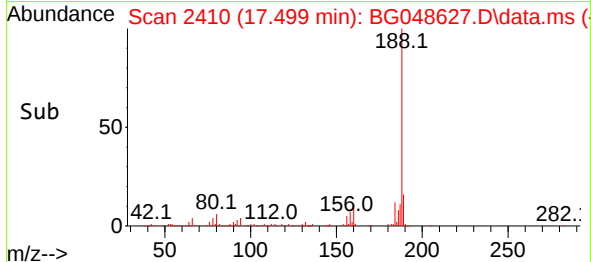
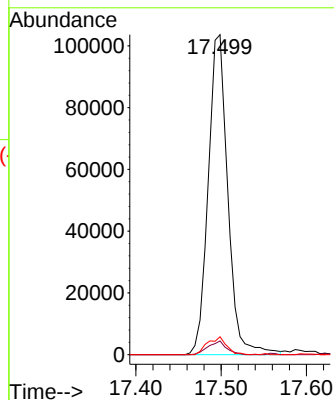
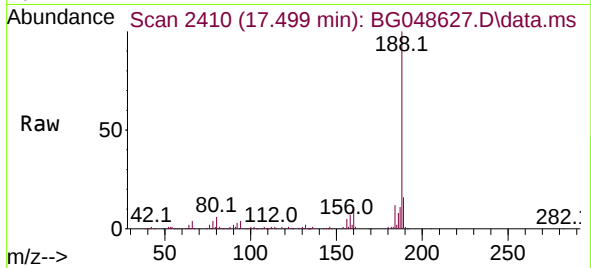




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.499 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

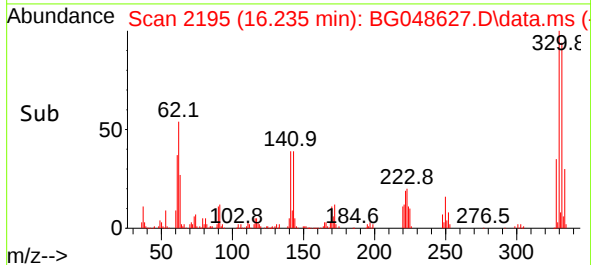
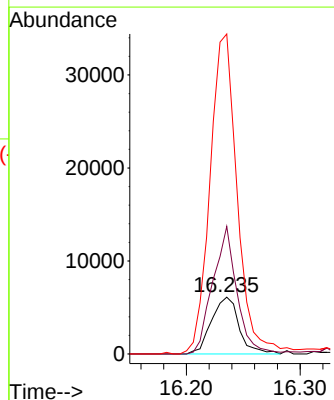
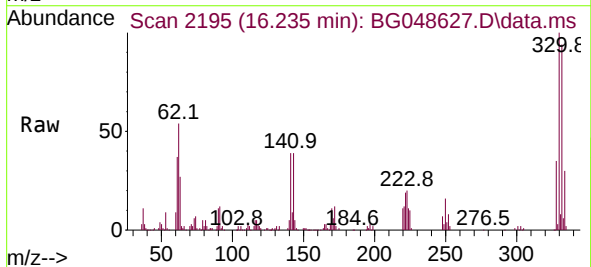
Instrument :
BNA_G
ClientSampled :
MA-1

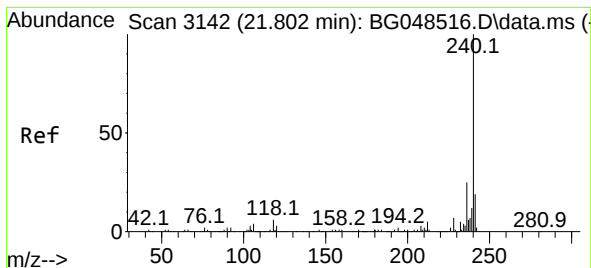
Tgt Ion:188 Resp: 165570
Ion Ratio Lower Upper
188 100
94 4.3 3.0 4.6
80 5.6 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 5.62 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.449 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

Tgt Ion:248 Resp: 10309
Ion Ratio Lower Upper
248 100
250 224.7 82.6 124.0#
141 564.1 61.0 91.6#

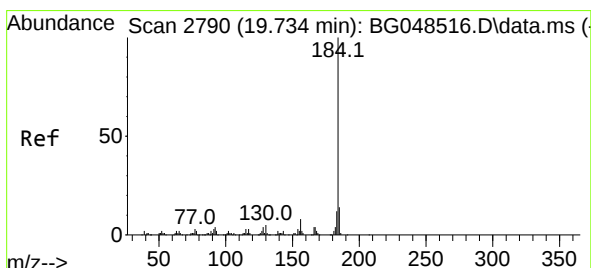
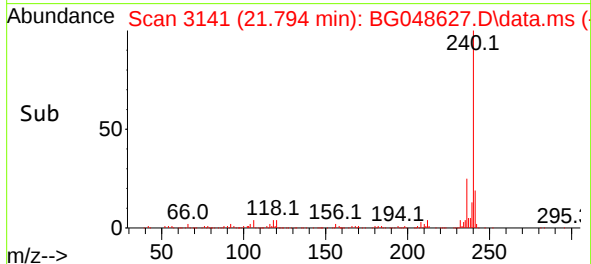
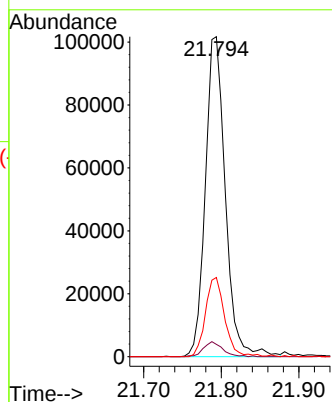
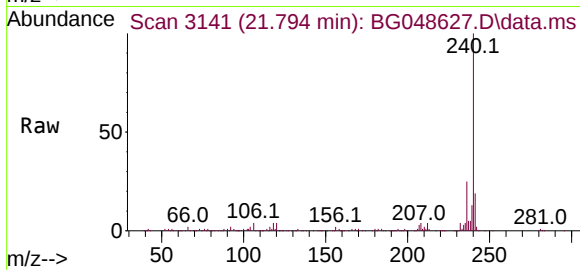




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.794 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

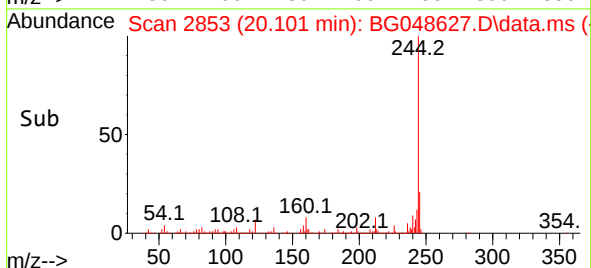
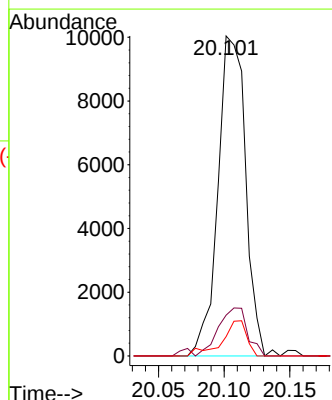
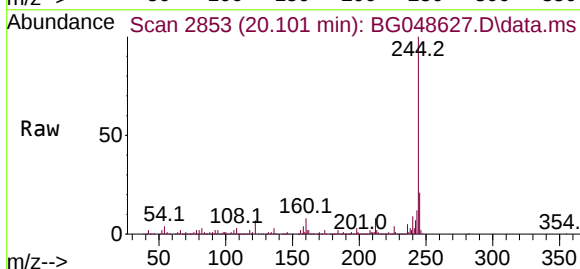
Instrument :
BNA_G
ClientSampled :
MA-1

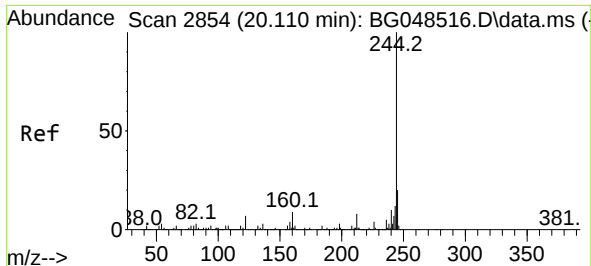
Tgt Ion:240 Resp: 182430
Ion Ratio Lower Upper
240 100
120 3.9 2.6 3.8#
236 24.7 19.8 29.6



#77
Benzidine
Concen: 2.38 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.368 min
Lab File: BG048627.D
Acq: 7 Apr 2021 21:43

Tgt Ion:184 Resp: 14695
Ion Ratio Lower Upper
184 100
185 12.8 11.0 16.4
183 6.0 9.2 13.8#

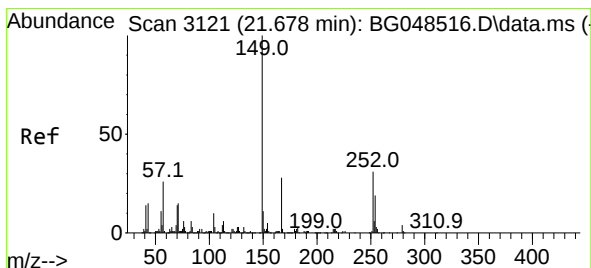
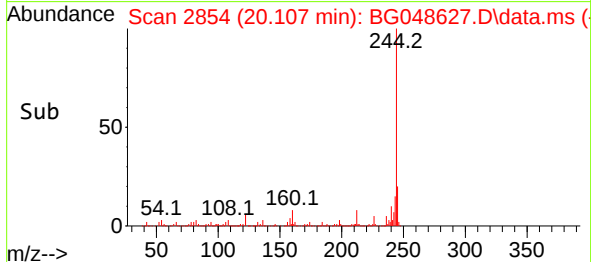
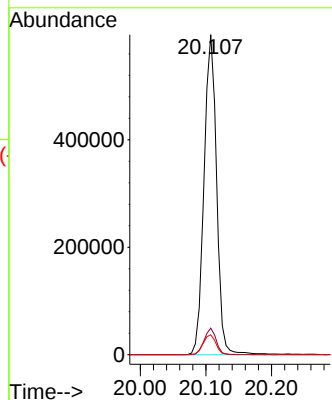
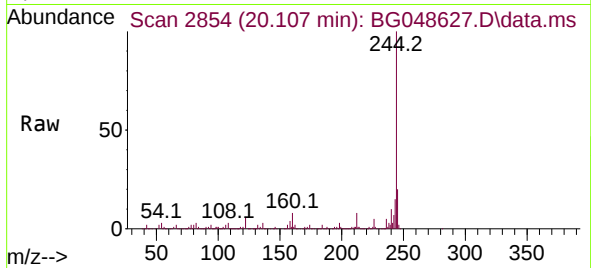




#79
 Terphenyl-d14
 Concen: 79.86 ng
 RT: 20.107 min Scan# 2854
 Delta R.T. -0.002 min
 Lab File: BG048627.D
 Acq: 7 Apr 2021 21:43

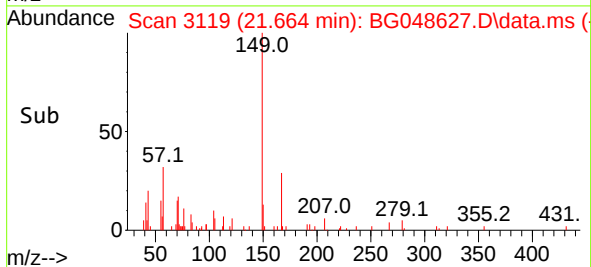
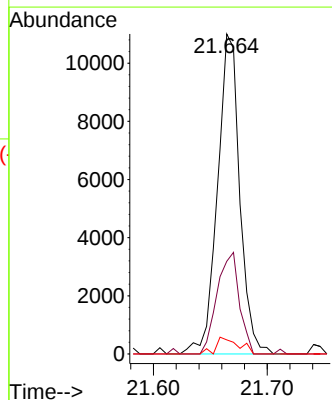
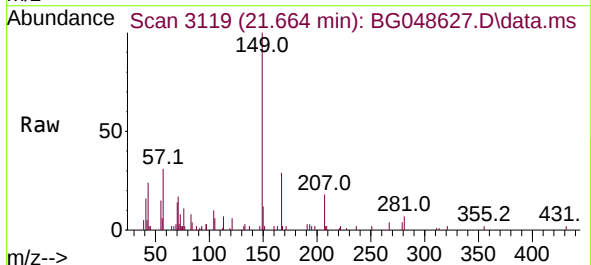
Instrument :
 BNA_G
 ClientSampleId :
 MA-1

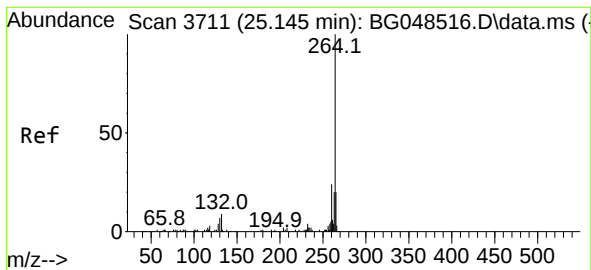
Tgt Ion:244 Resp: 796621
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.0 9.0
 122 6.2 5.8 8.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.30 ng
 RT: 21.664 min Scan# 3119
 Delta R.T. -0.014 min
 Lab File: BG048627.D
 Acq: 7 Apr 2021 21:43

Tgt Ion:149 Resp: 14958
 Ion Ratio Lower Upper
 149 100
 167 29.0 22.4 33.6
 279 4.4 3.4 5.2





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.137 min Scan# 3710
 Delta R.T. -0.008 min
 Lab File: BG048627.D
 Acq: 7 Apr 2021 21:43

Instrument :
 BNA_G
 ClientSampleId :
 MA-1

Tgt Ion:	264	Resp:	161868
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.1	28.7
265	20.2	16.1	24.1

