

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048947.D
 Acq On : 14 Jun 2021 13:21
 Operator : CG/JU
 Sample : M2678-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0231-COMPOSITE-H

Quant Time: Jun 14 14:07:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

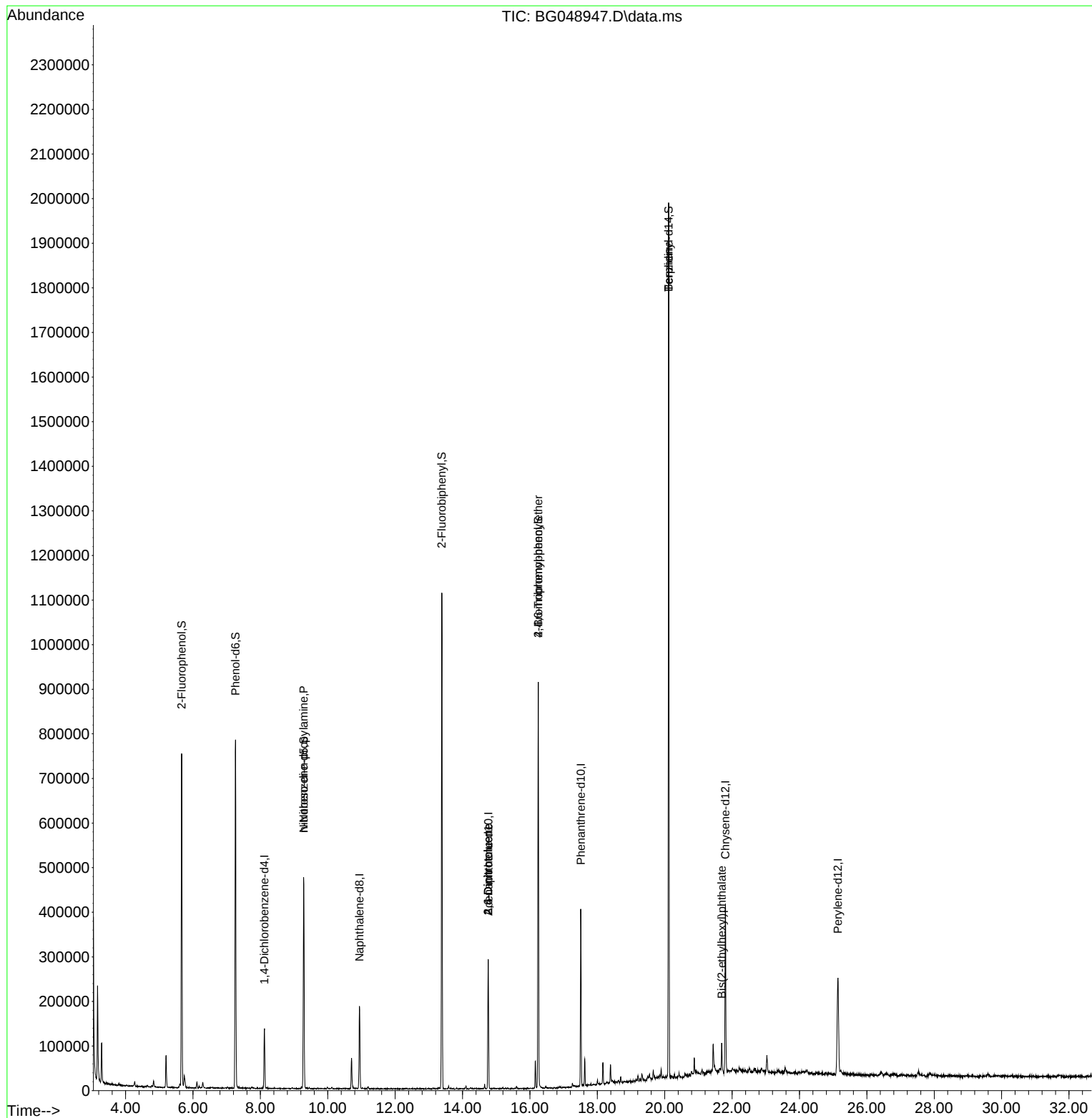
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	34871	20.000	ng	0.00
21) Naphthalene-d8	10.941	136	146162	20.000	ng	# 0.00
39) Acenaphthene-d10	14.765	164	105791	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	244293	20.000	ng	# 0.00
76) Chrysene-d12	21.804	240	239270	20.000	ng	-0.01
86) Perylene-d12	25.142	264	246474	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	288537	128.806	ng	0.00
7) Phenol-d6	7.262	99	406169	120.975	ng	0.00
23) Nitrobenzene-d5	9.284	82	282448	83.326	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	169519	108.156	ng	0.00
45) 2-Fluorobiphenyl	13.385	172	560459	74.840	ng	0.00
79) Terphenyl-d14	20.118	244	912427	69.839	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.284	70	41540	15.828	ng	# 72
51) 2,6-Dinitrotoluene	14.760	165	13429	8.002	ng	# 11
57) 2,4-Dinitrotoluene	14.760	165	13429	6.515	ng	# 17
67) 4-Bromophenyl-phenylether	16.246	248	10143	3.325	ng	# 1
77) Benzidine	20.118	184	17366	3.603	ng	# 88
84) Bis(2-ethylhexyl)phtha...	21.693	149	22945	2.457	ng	# 93

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

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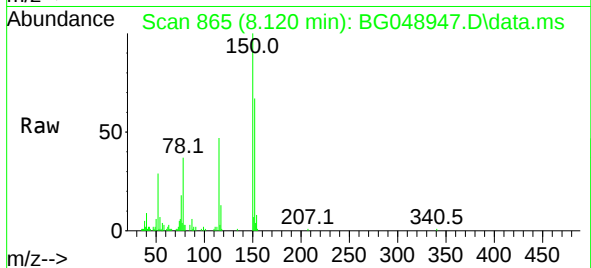
Quant Time: Jun 14 14:07:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
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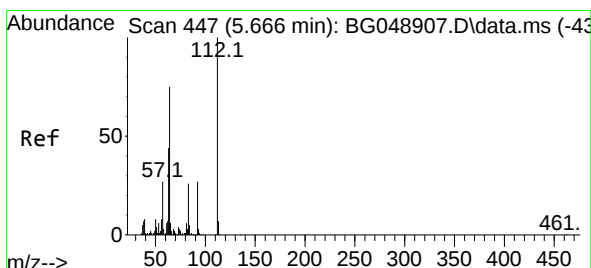
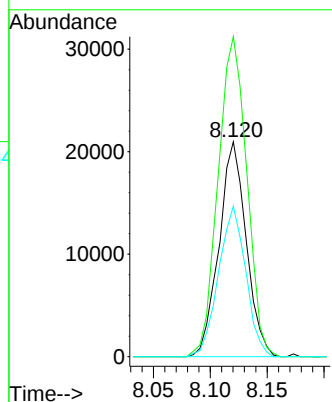
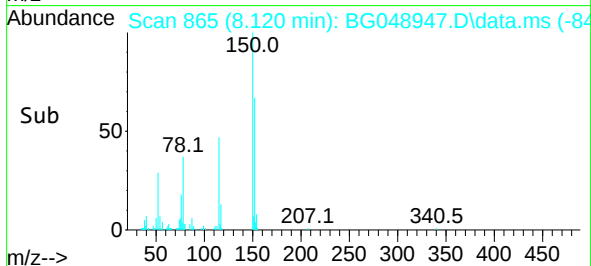


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 865
Delta R.T. -0.002 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21

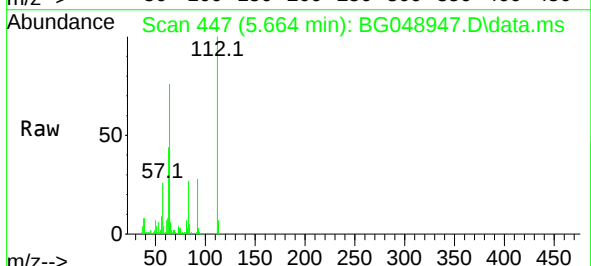
Instrument :
BNA_G
ClientSampleId :
0231-COMPOSITE-H



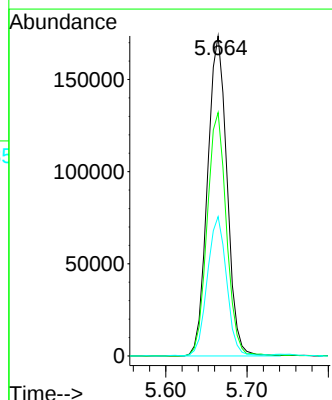
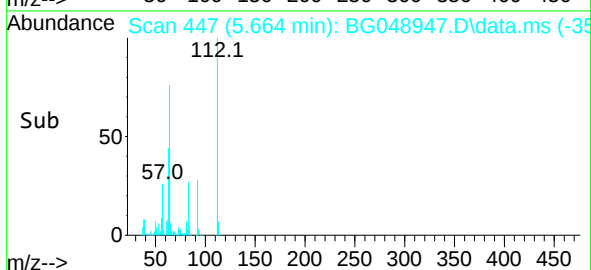
Tgt Ion:152 Resp: 34871
Ion Ratio Lower Upper
152 100
150 149.0 119.4 179.0
115 70.0 60.2 90.4

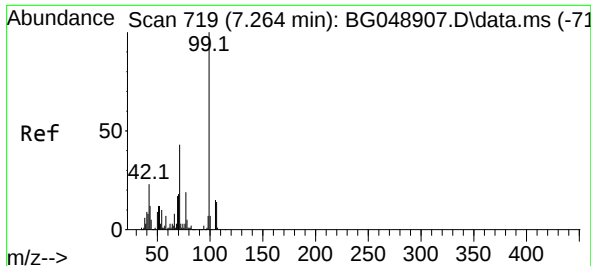


#5
2-Fluorophenol
Concen: 128.806 ng
RT: 5.664 min Scan# 447
Delta R.T. -0.002 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21



Tgt Ion:112 Resp: 288537
Ion Ratio Lower Upper
112 100
64 76.0 46.7 70.1#
63 43.5 35.3 52.9

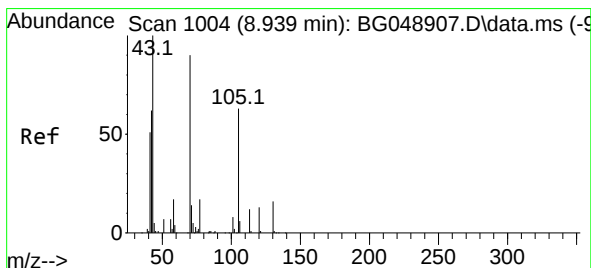
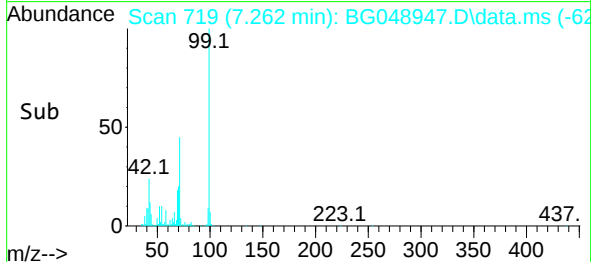
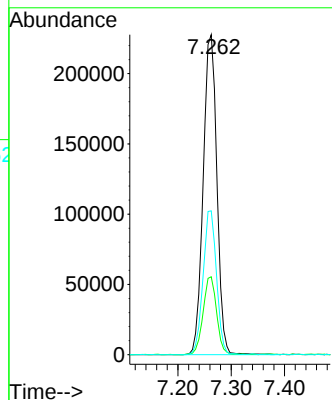
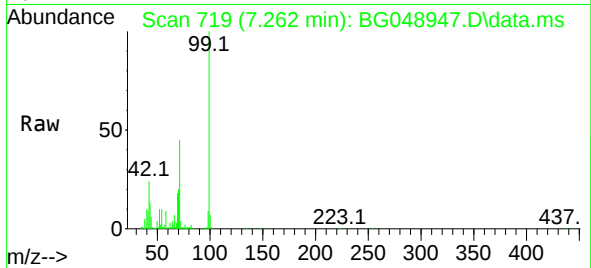




#7
Phenol-d6
Concen: 120.975 ng
RT: 7.262 min Scan# 719
Delta R.T. -0.002 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21

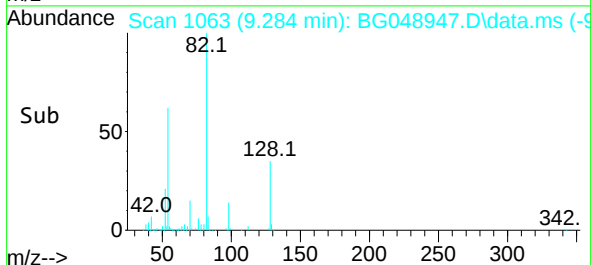
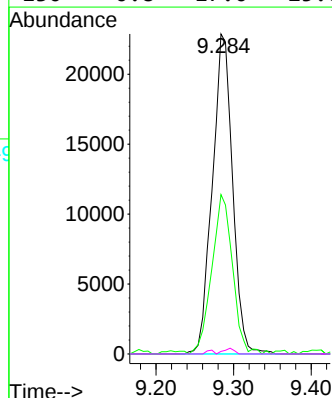
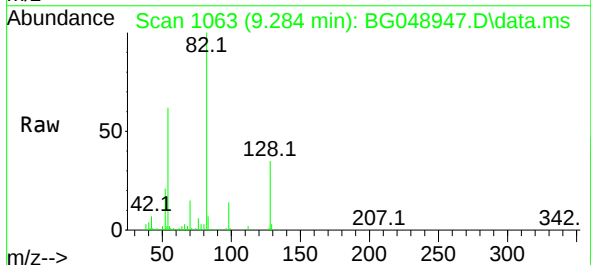
Instrument :
BNA_G
ClientSampleId :
0231-COMPOSITE-H

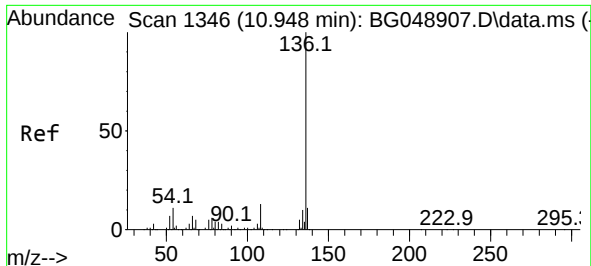
Tgt Ion: 99 Resp: 406169
Ion Ratio Lower Upper
99 100
42 24.4 20.5 30.7
71 44.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.828 ng
RT: 9.284 min Scan# 1063
Delta R.T. 0.345 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21

Tgt Ion: 70 Resp: 41540
Ion Ratio Lower Upper
70 100
42 49.8 54.5 81.7#
101 0.0 9.0 13.6#
130 0.8 17.0 25.6#

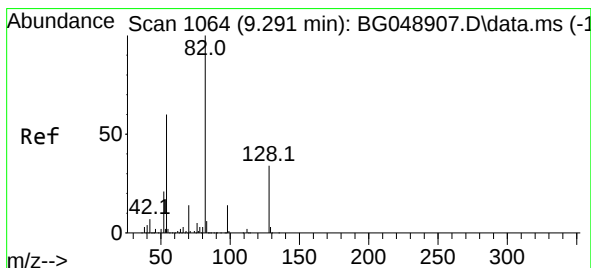
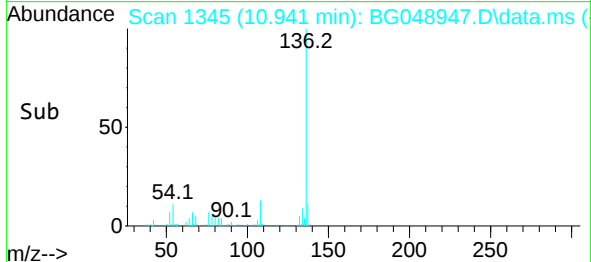
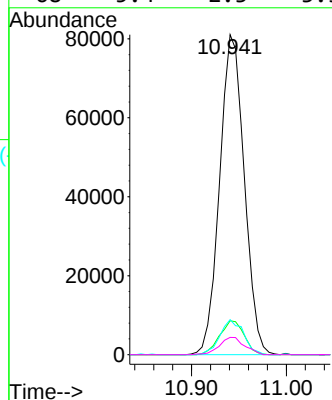
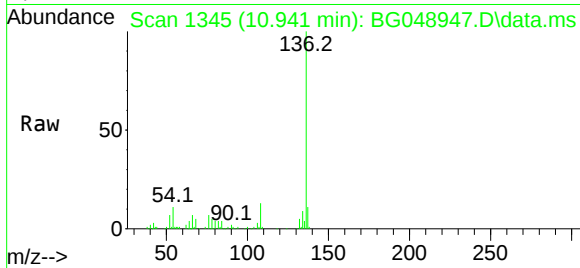




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.941 min Scan# 1345
Delta R.T. -0.007 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21

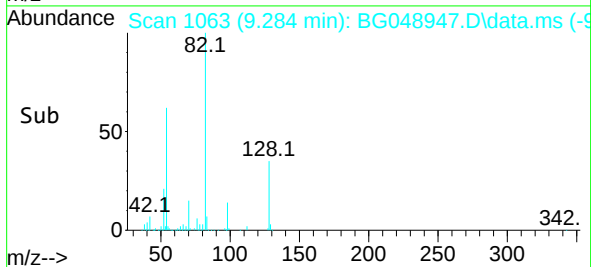
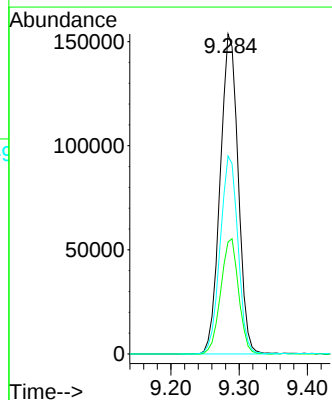
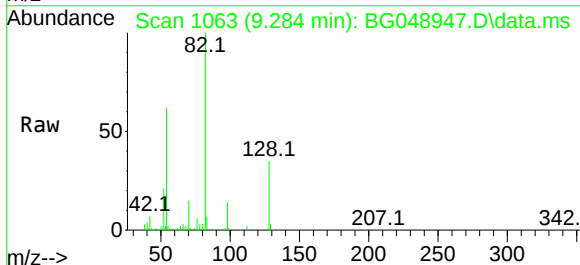
Instrument :
BNA_G
ClientSampleId :
0231-COMPOSITE-H

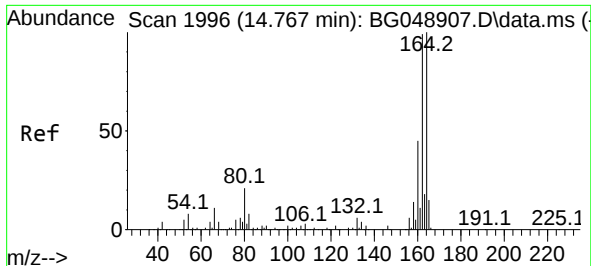
Tgt Ion:136	Resp:	146162
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	10.9	5.5 8.3#
68	5.4	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 83.326 ng
RT: 9.284 min Scan# 1063
Delta R.T. -0.007 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21

Tgt Ion: 82	Resp:	282448
Ion Ratio	Lower	Upper
82	100	
128	35.0	29.8 44.6
54	61.9	45.8 68.8

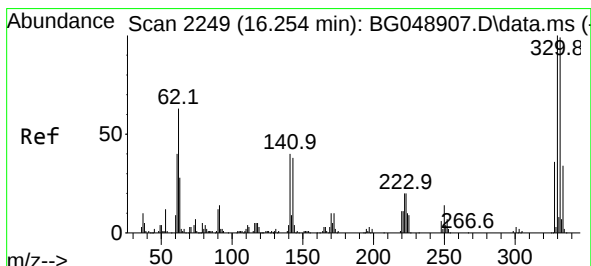
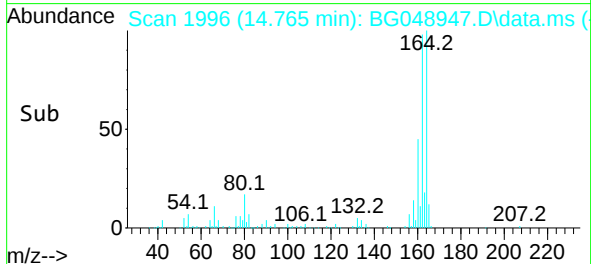
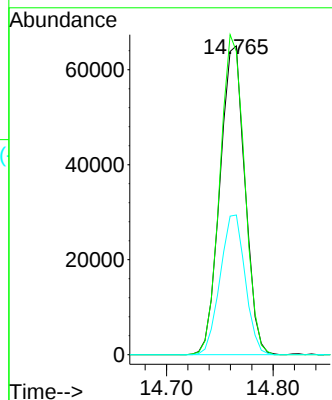
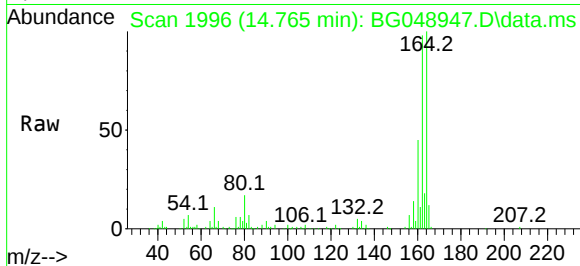




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.765 min Scan# 1996
Delta R.T. -0.002 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21

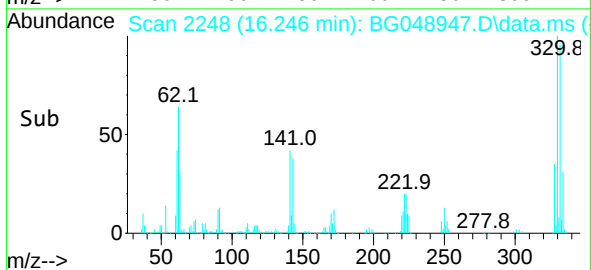
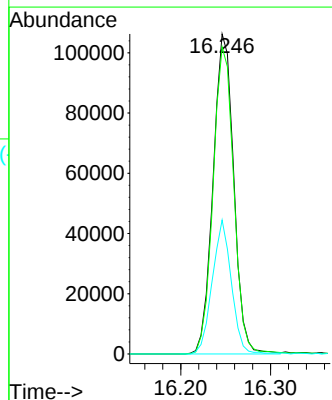
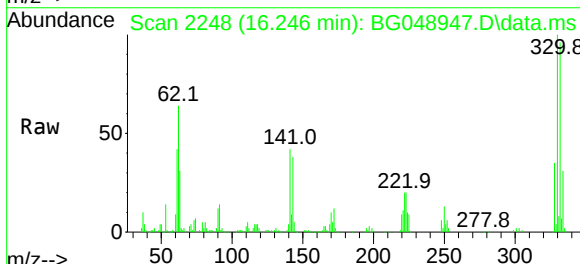
Instrument :
BNA_G
ClientSampleId :
0231-COMPOSITE-H

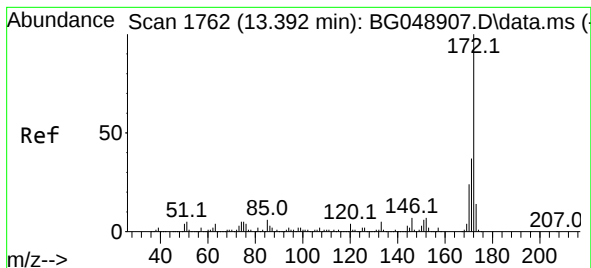
Tgt Ion:164 Resp: 105791
Ion Ratio Lower Upper
164 100
162 98.2 81.4 122.0
160 45.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 108.156 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.008 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21

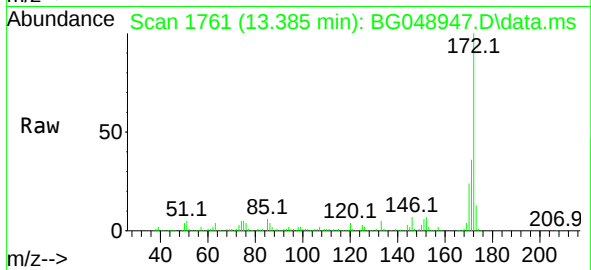
Tgt Ion:330 Resp: 169519
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 38.6 35.6 53.4



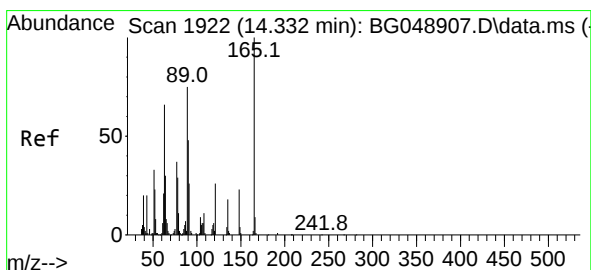
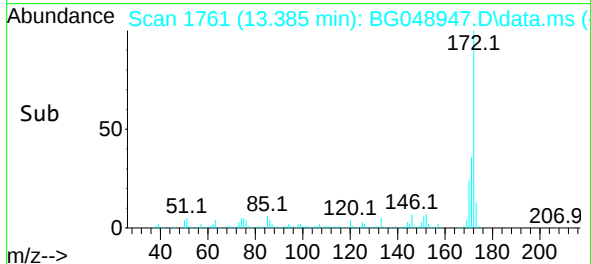
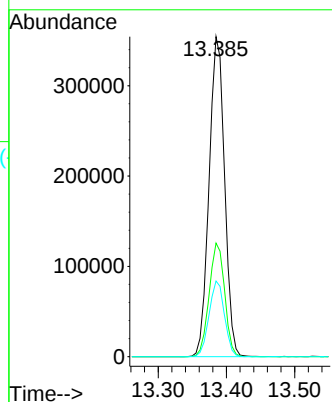


#45
2-Fluorobiphenyl
Concen: 74.840 ng
RT: 13.385 min Scan# 1761
Delta R.T. -0.007 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21

Instrument :
BNA_G
ClientSampleId :
0231-COMPOSITE-H

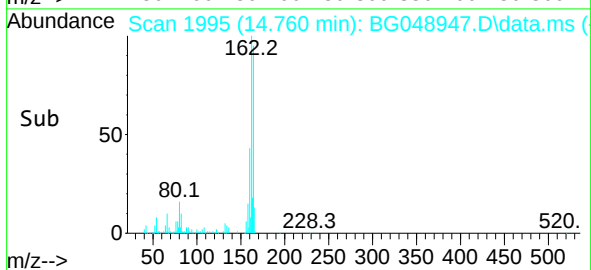
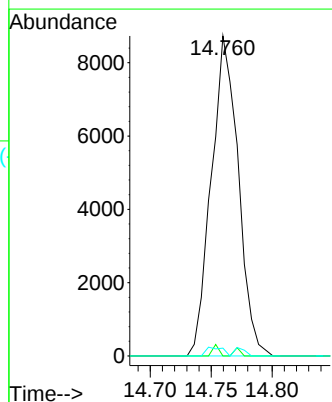
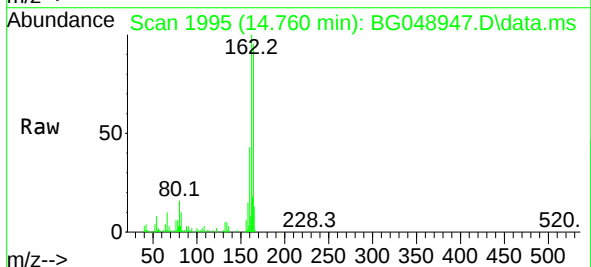


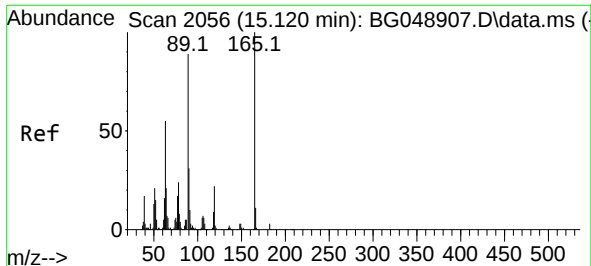
Tgt Ion:172 Resp: 560459
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.002 ng
RT: 14.760 min Scan# 1995
Delta R.T. 0.427 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21

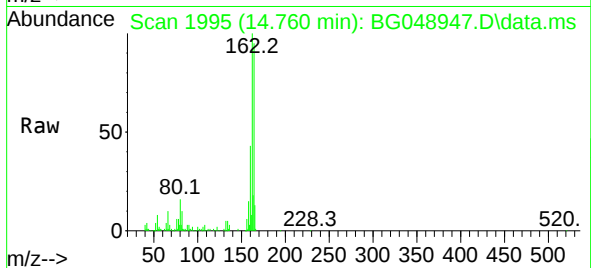
Tgt Ion:165 Resp: 13429
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.4 63.4 95.0#



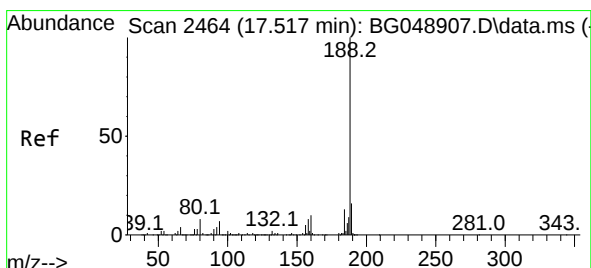
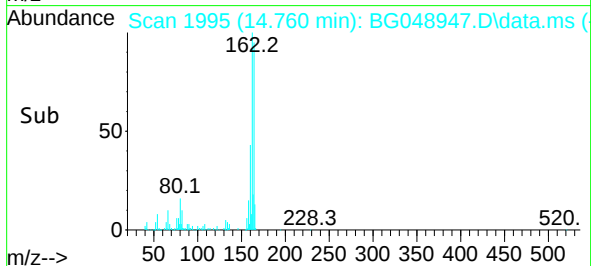
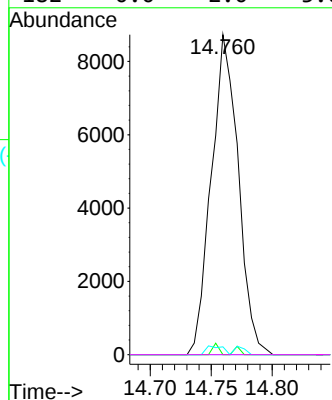


#57
2,4-Dinitrotoluene
Concen: 6.515 ng
RT: 14.760 min Scan# 1995
Delta R.T. -0.360 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21

Instrument :
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ClientSampleId :
0231-COMPOSITE-H

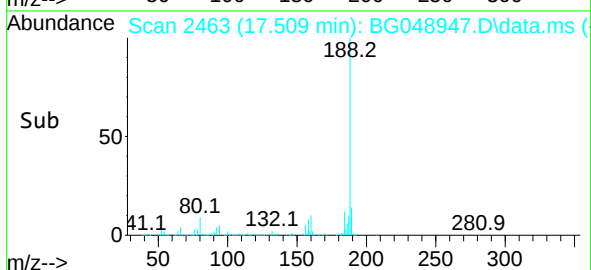
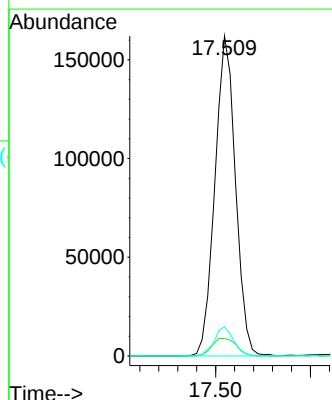
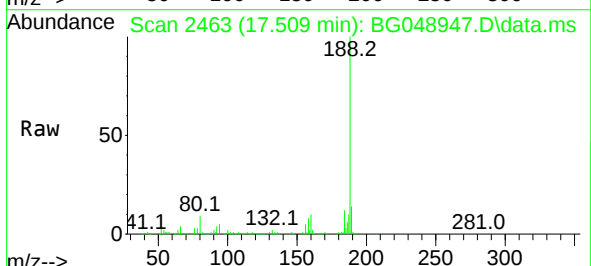


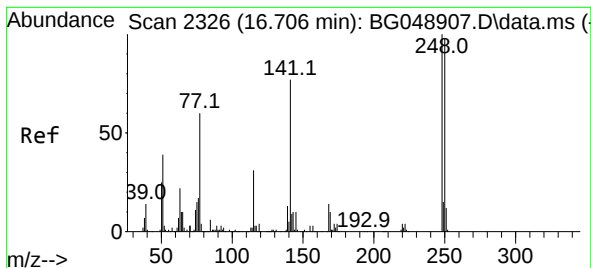
Tgt Ion:165 Resp: 13429
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.4 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.509 min Scan# 2463
Delta R.T. -0.008 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21

Tgt Ion:188 Resp: 244293
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 9.1 3.7 5.5#

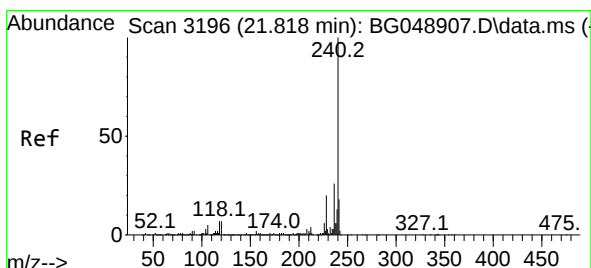
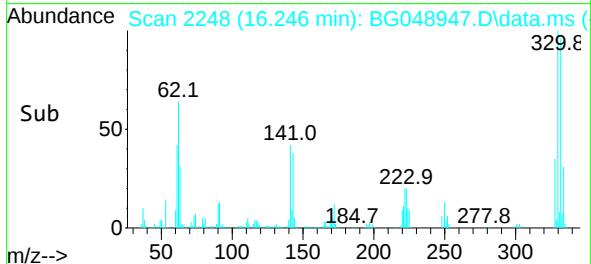
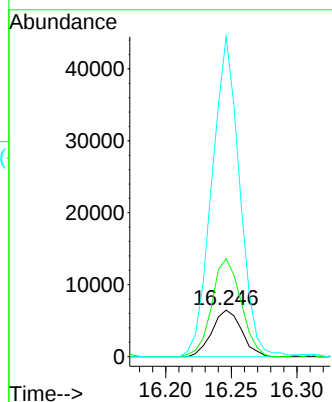
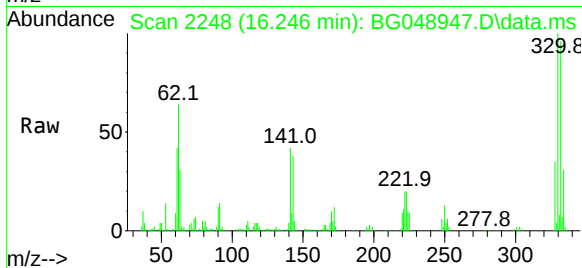




#67
4-Bromophenyl-phenylether
Concen: 3.325 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.460 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21

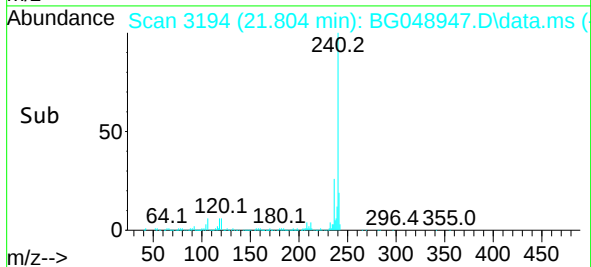
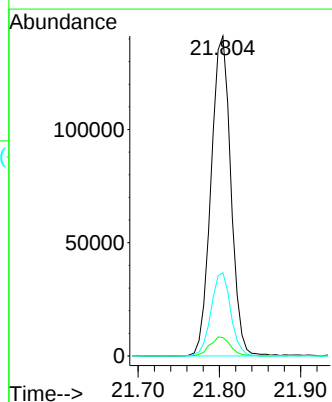
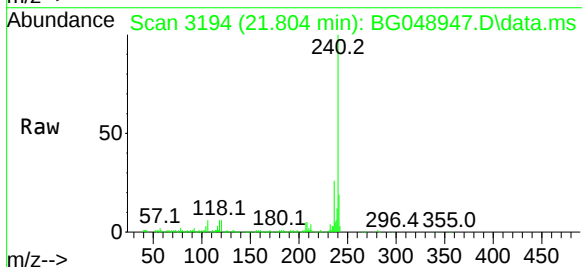
Instrument :
BNA_G
ClientSampleId :
0231-COMPOSITE-H

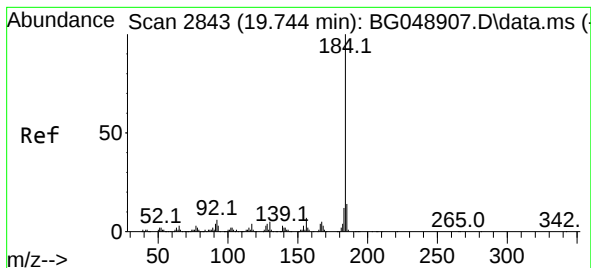
Tgt Ion:248 Resp: 10143
Ion Ratio Lower Upper
248 100
250 210.7 76.1 114.1#
141 688.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.804 min Scan# 3194
Delta R.T. -0.014 min
Lab File: BG048947.D
Acq: 14 Jun 2021 13:21

Tgt Ion:240 Resp: 239270
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.2
236 26.0 21.8 32.6





#77

Benzidine

Concen: 3.603 ng

RT: 20.118 min Scan# 2907

Delta R.T. 0.374 min

Lab File: BG048947.D

Acq: 14 Jun 2021 13:21

Tgt Ion:184 Resp: 17366

Ion Ratio Lower Upper

184 100

185 18.5 10.7 16.1#

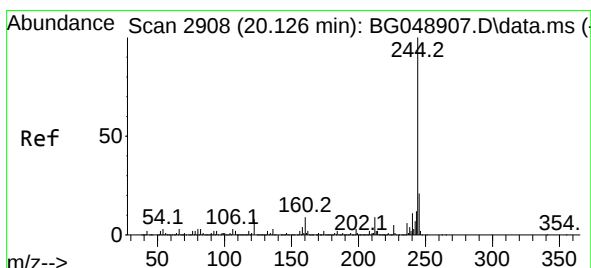
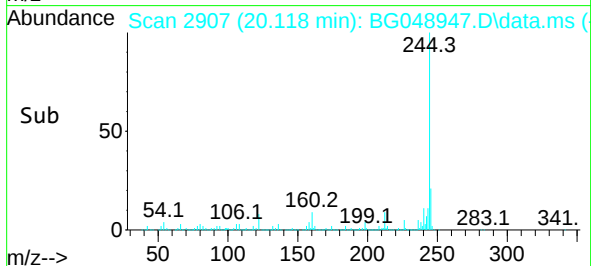
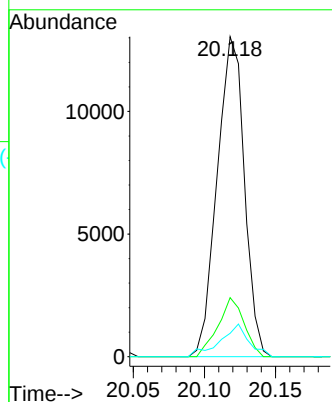
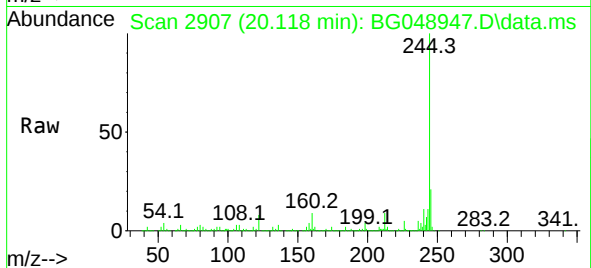
183 7.3 9.4 14.0#

Instrument :

BNA_G

ClientSampleId :

0231-COMPOSITE-H



#79

Terphenyl-d14

Concen: 69.839 ng

RT: 20.118 min Scan# 2907

Delta R.T. -0.008 min

Lab File: BG048947.D

Acq: 14 Jun 2021 13:21

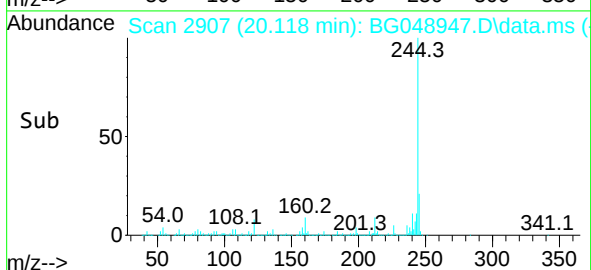
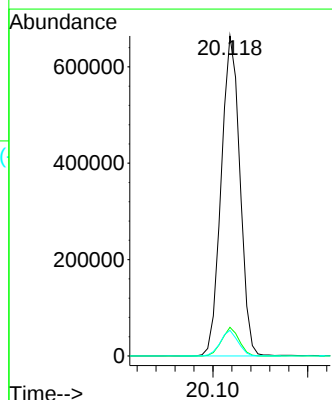
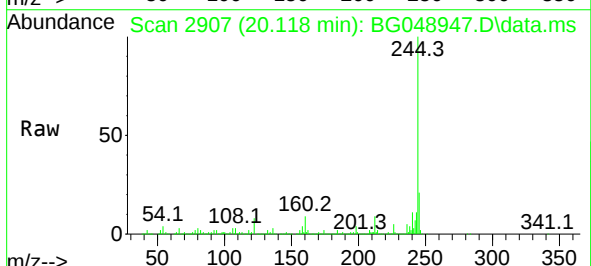
Tgt Ion:244 Resp: 912427

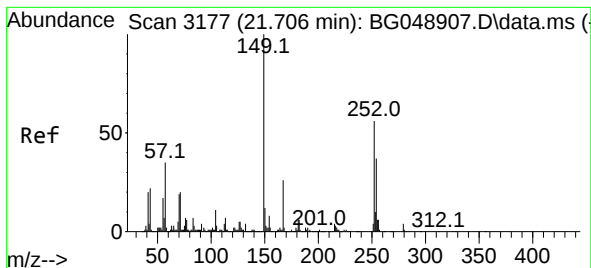
Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

122 8.0 5.0 7.6#

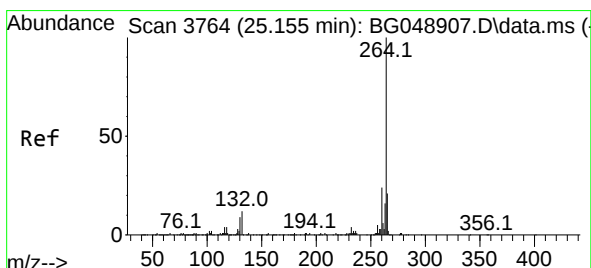
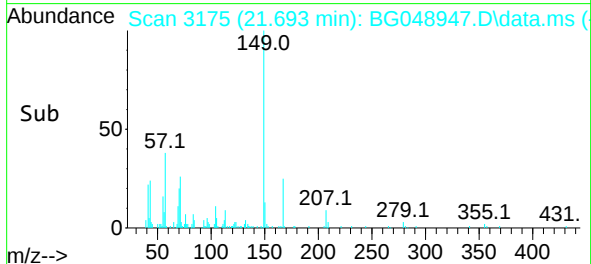
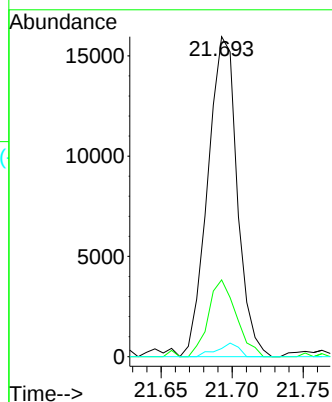
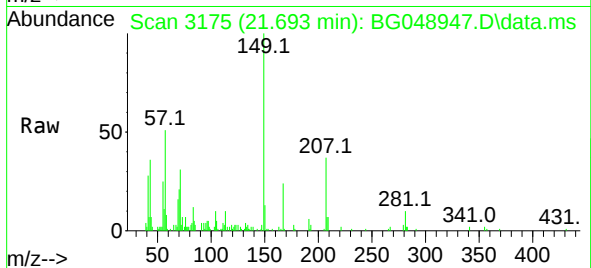




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.457 ng
 RT: 21.693 min Scan# 3175
 Delta R.T. -0.014 min
 Lab File: BG048947.D
 Acq: 14 Jun 2021 13:21

Instrument :
 BNA_G
 ClientSampleId :
 0231-COMPOSITE-H

Tgt Ion:149 Resp: 22945
 Ion Ratio Lower Upper
 149 100
 167 24.0 22.3 33.5
 279 2.6 3.8 5.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.142 min Scan# 3762
 Delta R.T. -0.014 min
 Lab File: BG048947.D
 Acq: 14 Jun 2021 13:21

Tgt Ion:264 Resp: 246474
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 20.5 16.9 25.3

