

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048940.D
 Acq On : 13 Jun 2021 13:11
 Operator : CG/JU
 Sample : M2625-37
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(202-206)

Quant Time: Jun 14 03:20:16 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)

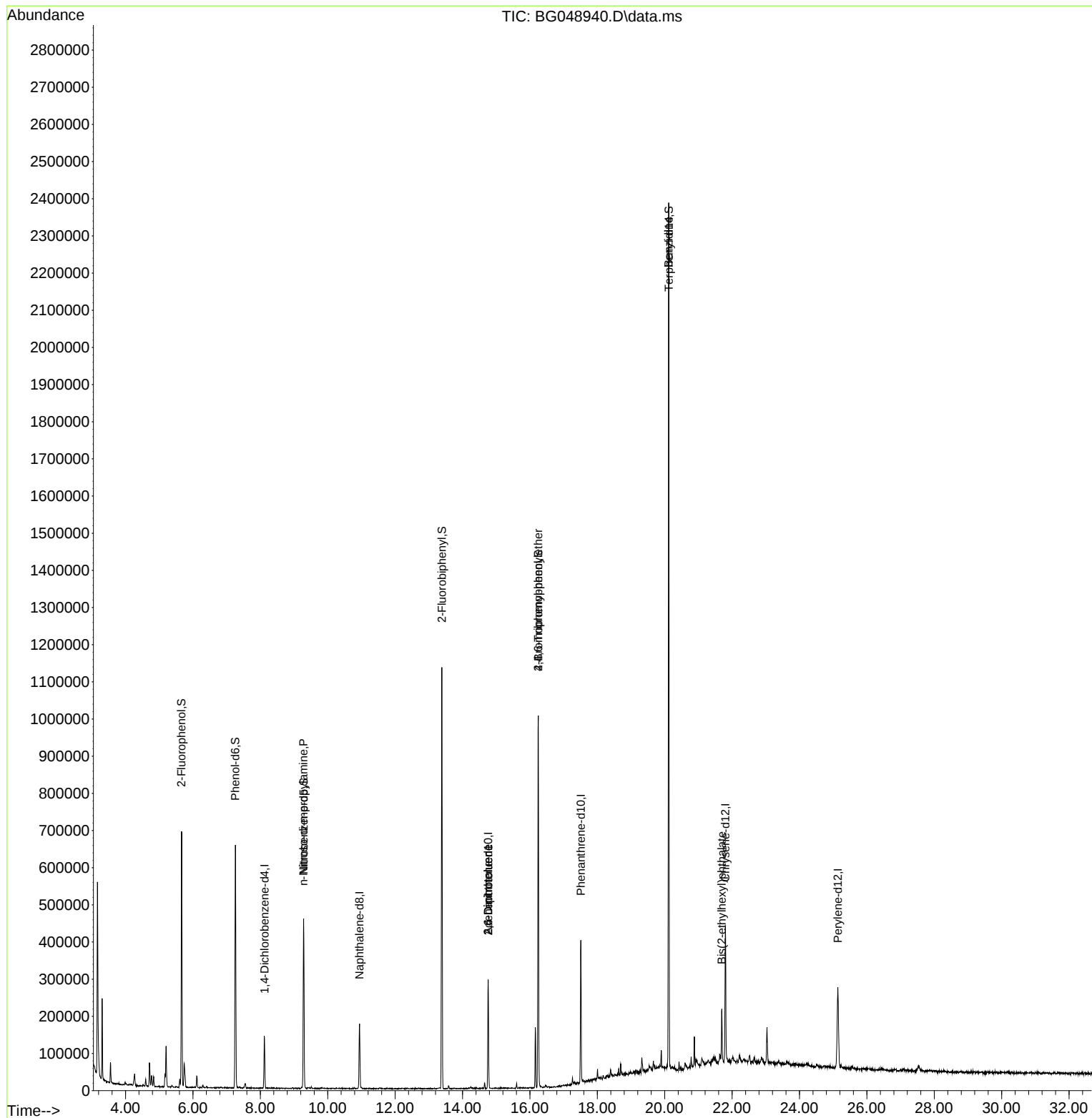
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	34974	20.00	ng	0.00
21) Naphthalene-d8	10.943	136	143663	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	103097	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	239268	20.00	ng	# 0.00
76) Chrysene-d12	21.801	240	236138	20.00	ng	-0.02
86) Perylene-d12	25.138	264	233485	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	265484	118.17	ng	0.00
7) Phenol-d6	7.259	99	329861	97.96	ng	0.00
23) Nitrobenzene-d5	9.286	82	273382	82.05	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	184577	120.84	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	583102	79.90	ng	0.00
79) Terphenyl-d14	20.121	244	1029494	79.84	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.280	70	41401	15.73	ng	# 74
51) 2,6-Dinitrotoluene	14.762	165	13336	8.15	ng	# 12
57) 2,4-Dinitrotoluene	14.762	165	13336	6.64	ng	# 18
67) 4-Bromophenyl-phenylether	16.249	248	11513	3.85	ng	# 1
77) Benzidine	20.115	184	20953	4.40	ng	98
84) Bis(2-ethylhexyl)phtha...	21.695	149	53401	5.79	ng	# 96

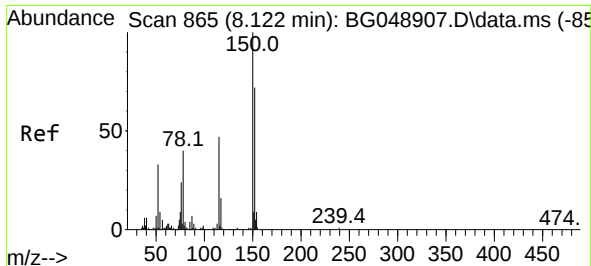
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 11 16:03:10 2021
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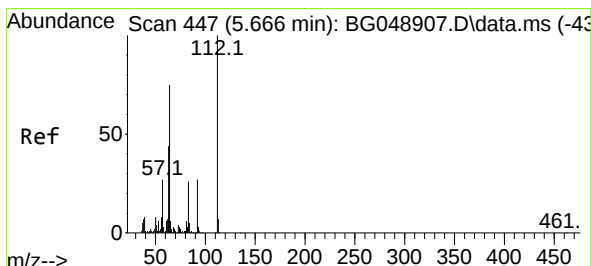
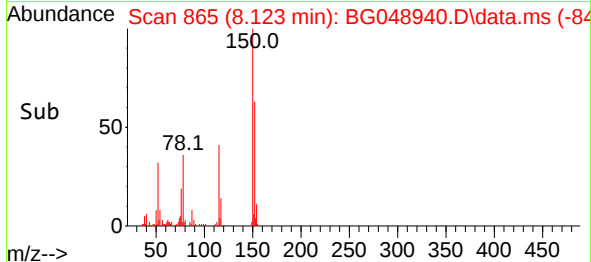
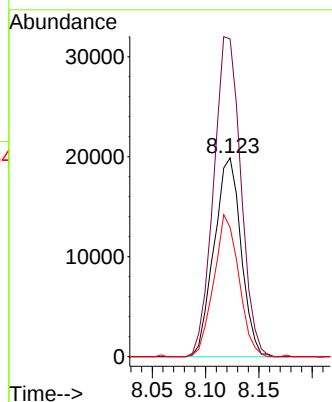
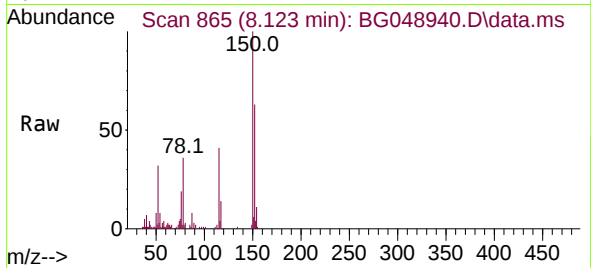




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

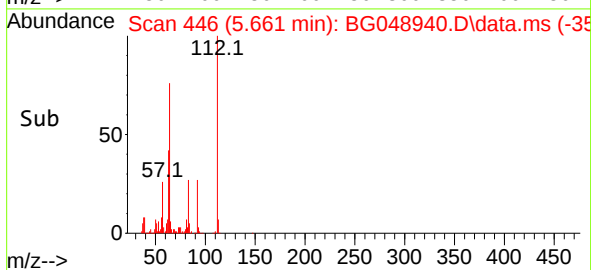
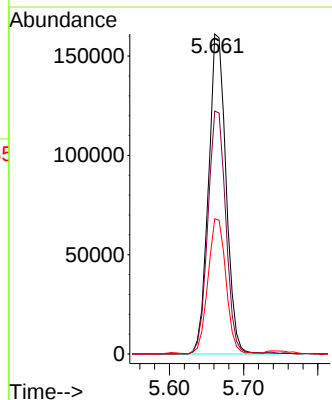
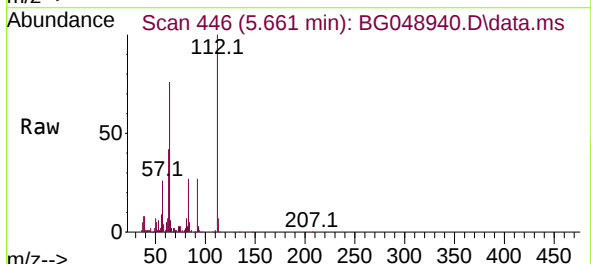
Instrument :
BNA_G
ClientSampleId :
18-B12(202-206)

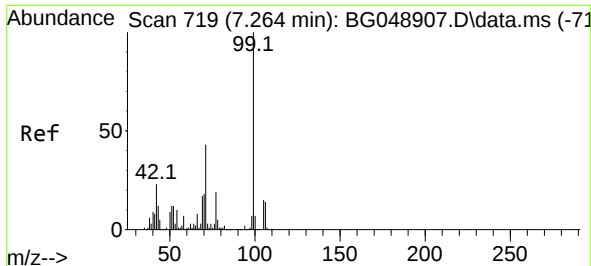
Tgt Ion:152 Resp: 34974
Ion Ratio Lower Upper
152 100
150 159.9 119.4 179.0
115 65.0 60.2 90.4



#5
2-Fluorophenol
Concen: 118.17 ng
RT: 5.661 min Scan# 446
Delta R.T. -0.005 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

Tgt Ion:112 Resp: 265484
Ion Ratio Lower Upper
112 100
64 75.9 46.7 70.1#
63 42.3 35.3 52.9

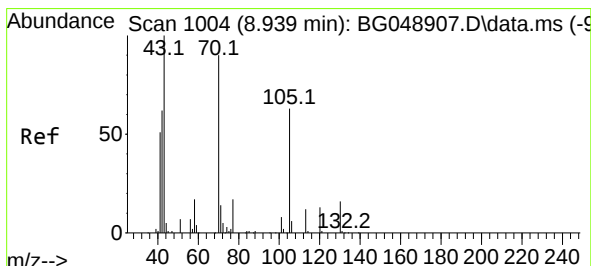
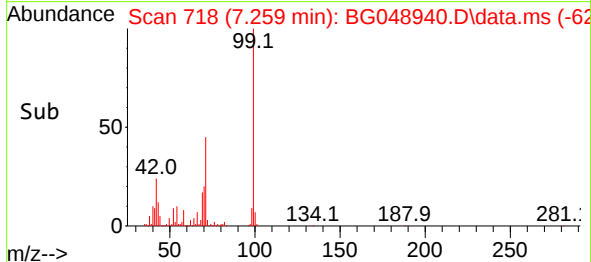
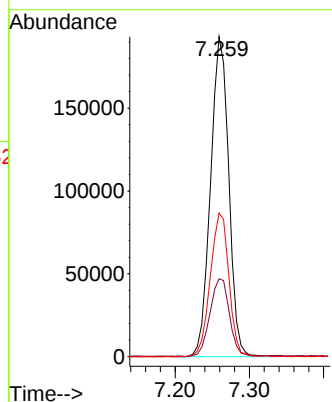
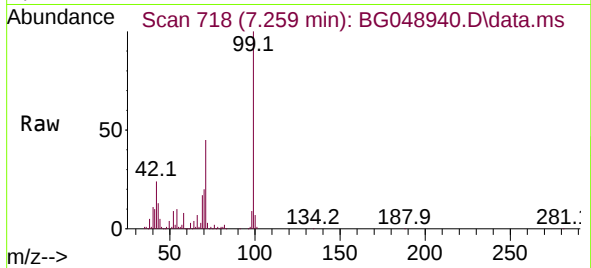




#7
Phenol-d6
Concen: 97.96 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

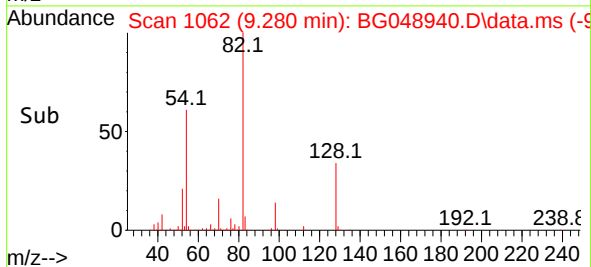
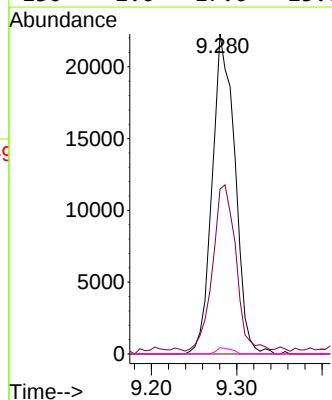
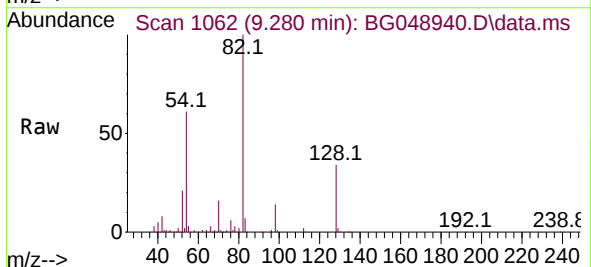
Instrument :
BNA_G
ClientSampleId :
18-B12(202-206)

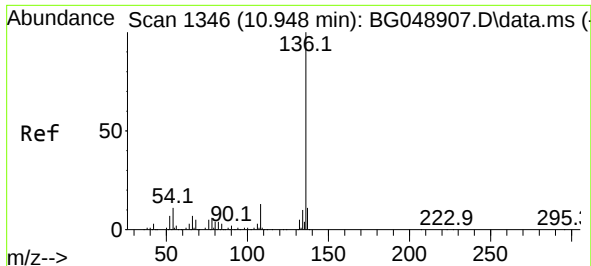
Tgt Ion: 99 Resp: 329861
Ion Ratio Lower Upper
99 100
42 24.4 20.5 30.7
71 44.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.73 ng
RT: 9.280 min Scan# 1062
Delta R.T. 0.342 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

Tgt Ion: 70 Resp: 41401
Ion Ratio Lower Upper
70 100
42 51.5 54.5 81.7#
101 0.0 9.0 13.6#
130 2.0 17.0 25.6#

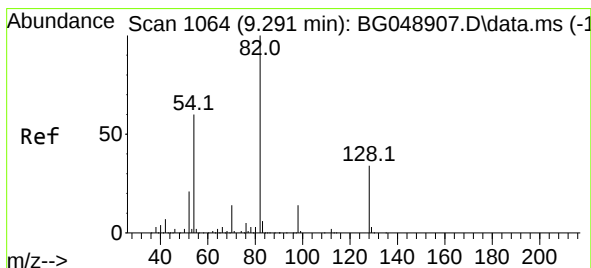
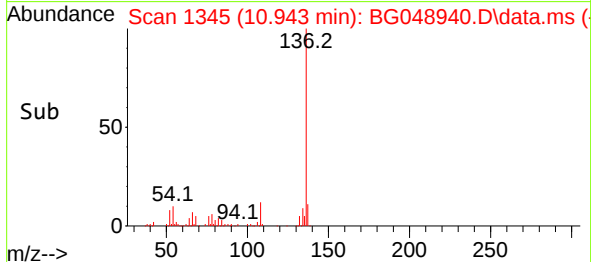
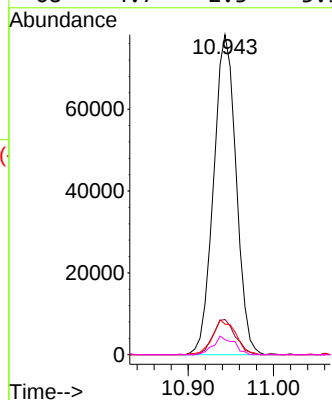
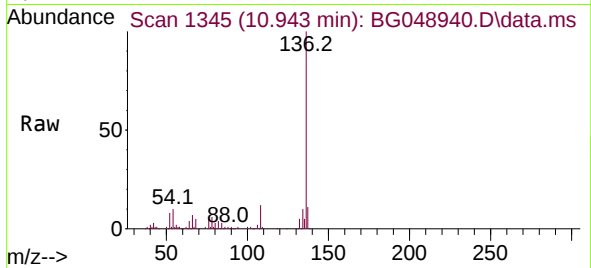




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

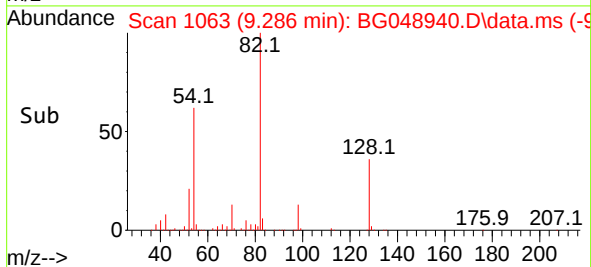
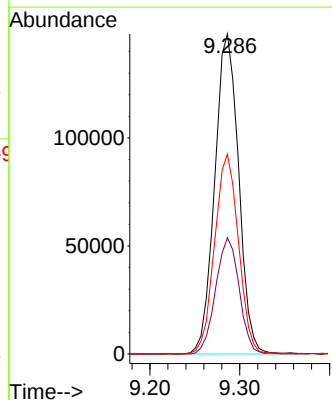
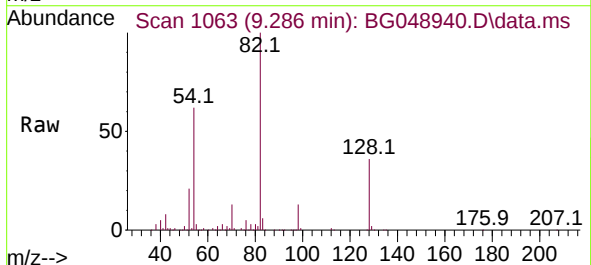
Instrument :
BNA_G
ClientSampleId :
18-B12(202-206)

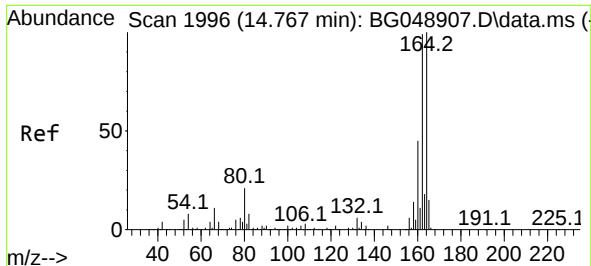
Tgt Ion:136	Resp:	143663
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.2 12.2
54	9.6	5.5 8.3#
68	4.7	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 82.05 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

Tgt Ion: 82	Resp:	273382
Ion Ratio	Lower	Upper
82	100	
128	36.3	29.8 44.6
54	62.5	45.8 68.8

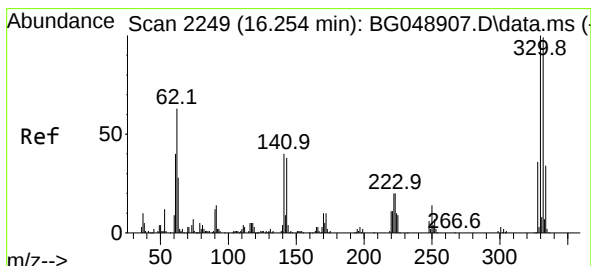
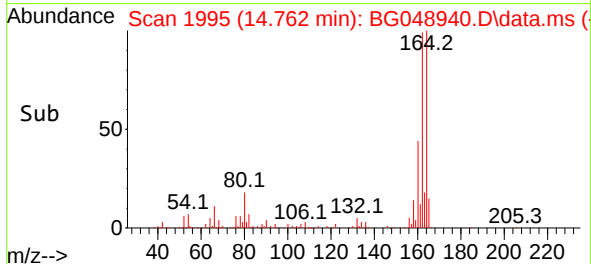
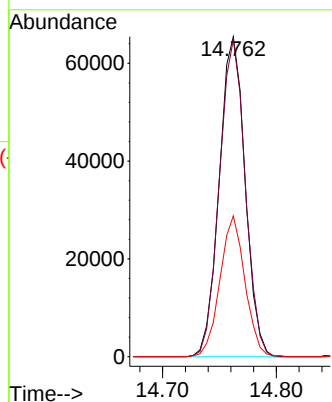
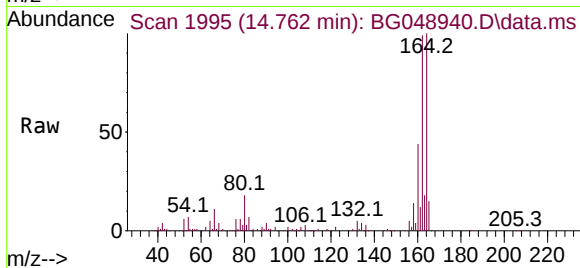




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

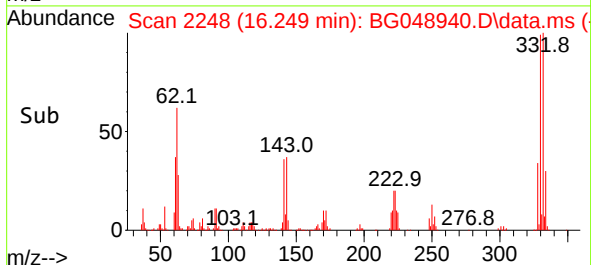
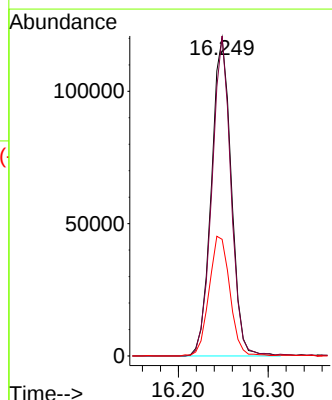
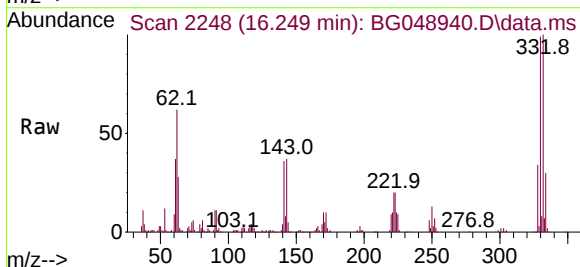
Instrument :
BNA_G
ClientSampleId :
18-B12(202-206)

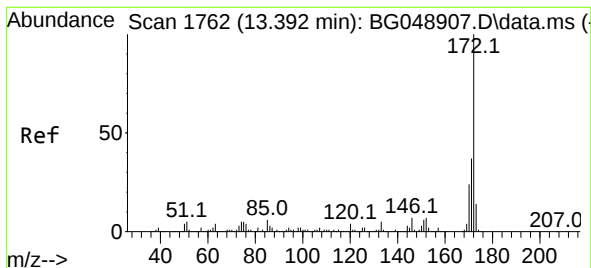
Tgt Ion:164 Resp: 103097
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 44.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 120.84 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

Tgt Ion:330 Resp: 184577
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 39.4 35.6 53.4

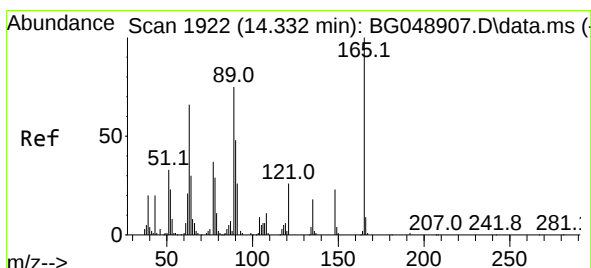
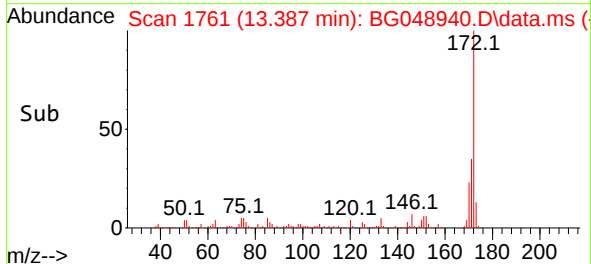
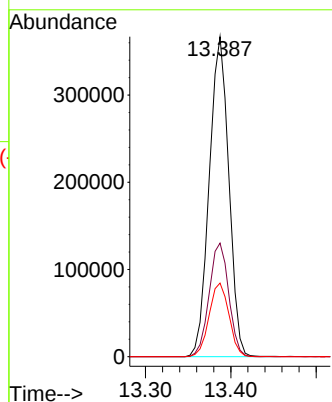
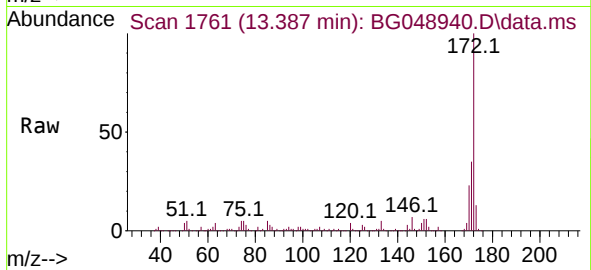




#45
2-Fluorobiphenyl
Concen: 79.90 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

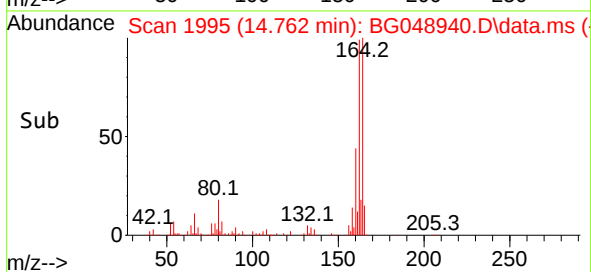
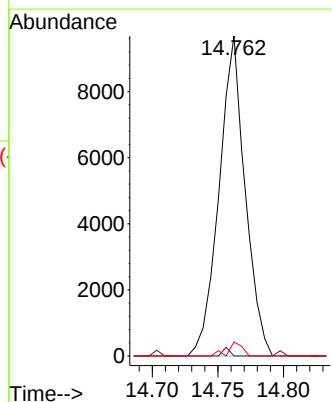
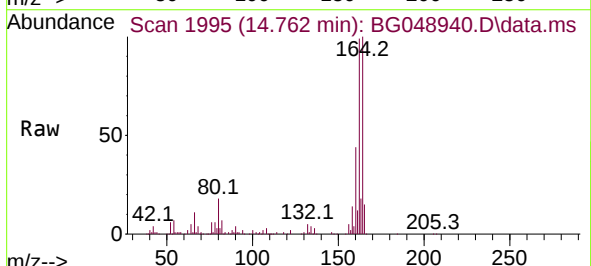
Instrument :
BNA_G
ClientSampleId :
18-B12(202-206)

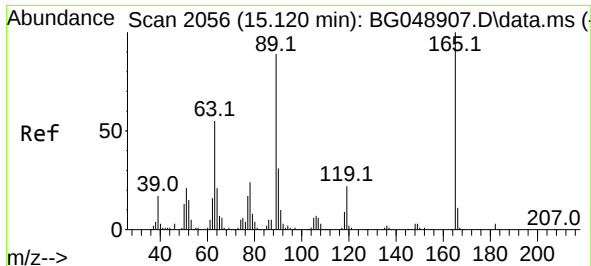
Tgt Ion:172 Resp: 583102
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.15 ng
RT: 14.762 min Scan# 1995
Delta R.T. 0.430 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

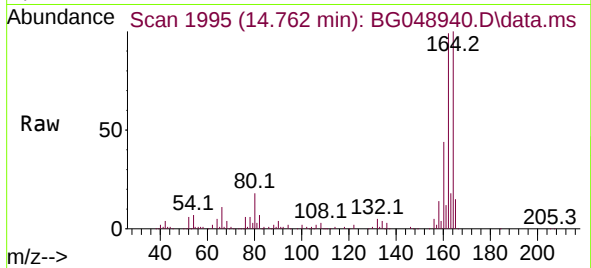
Tgt Ion:165 Resp: 13336
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 4.4 63.4 95.0#



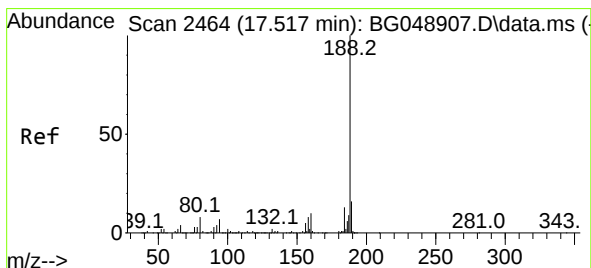
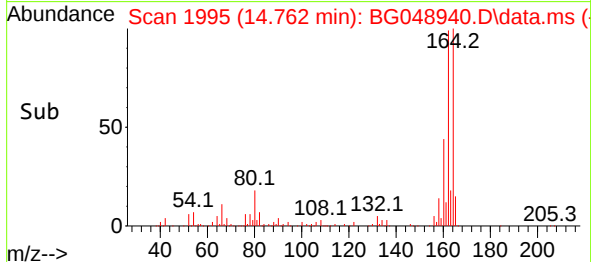
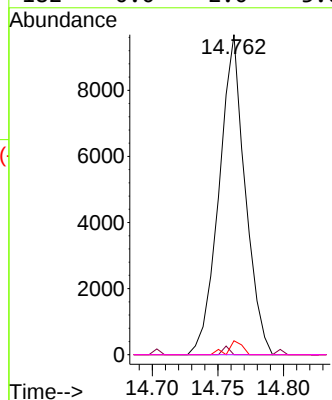


#57
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.358 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

Instrument :
BNA_G
ClientSampleId :
18-B12(202-206)

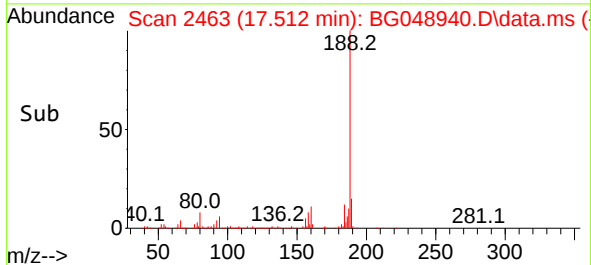
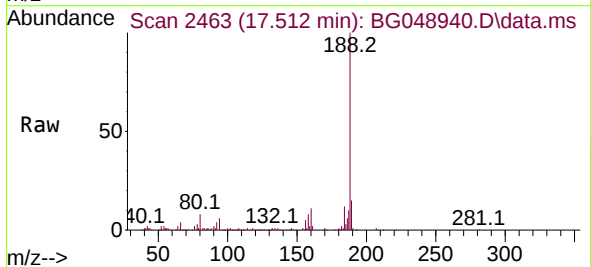
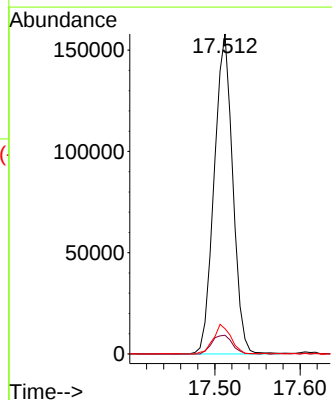


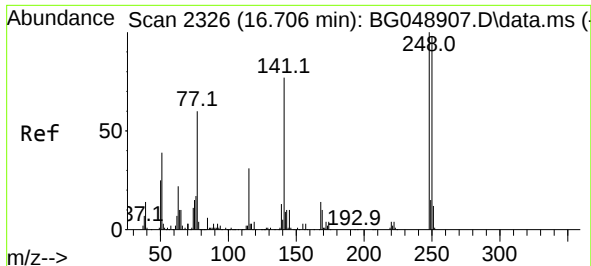
Tgt Ion:165 Resp: 13336
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 4.4 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

Tgt Ion:188 Resp: 239268
Ion Ratio Lower Upper
188 100
94 5.8 5.4 8.0
80 7.9 3.7 5.5#

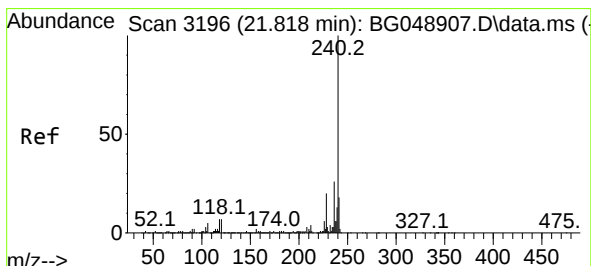
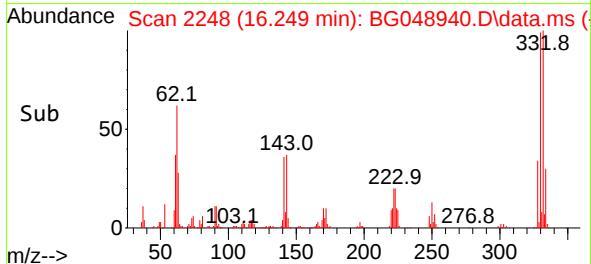
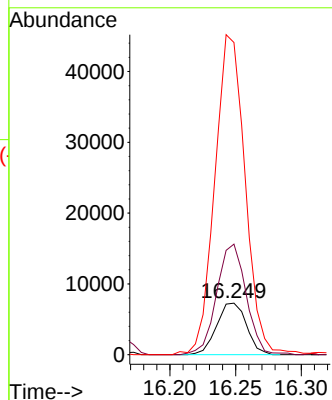
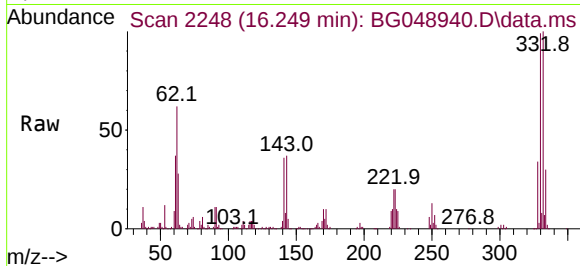




#67
4-Bromophenyl-phenylether
Concen: 3.85 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.458 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

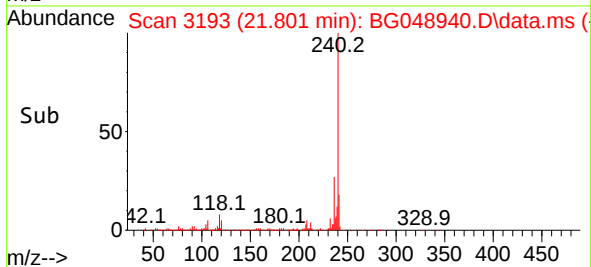
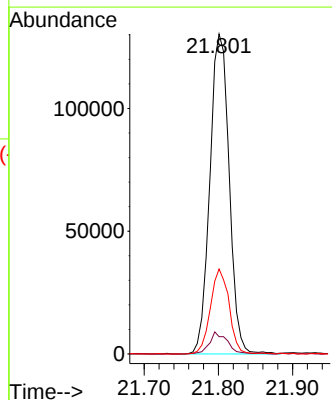
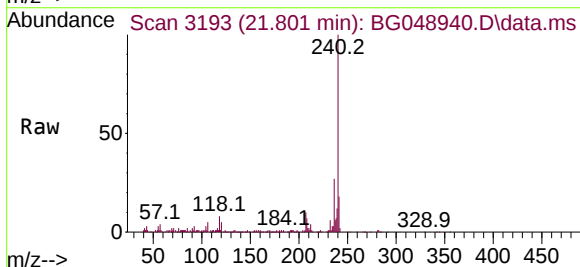
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18-B12(202-206)

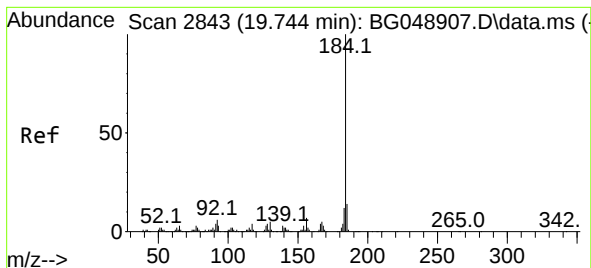
Tgt Ion:248 Resp: 11513
Ion Ratio Lower Upper
248 100
250 214.3 76.1 114.1#
141 605.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.801 min Scan# 3193
Delta R.T. -0.017 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

Tgt Ion:240 Resp: 236138
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 26.5 21.8 32.6





#77

Benzidine

Concen: 4.40 ng

RT: 20.115 min Scan# 2906

Delta R.T. 0.371 min

Lab File: BG048940.D

Acq: 13 Jun 2021 13:11

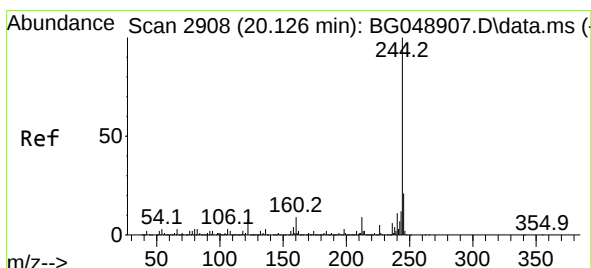
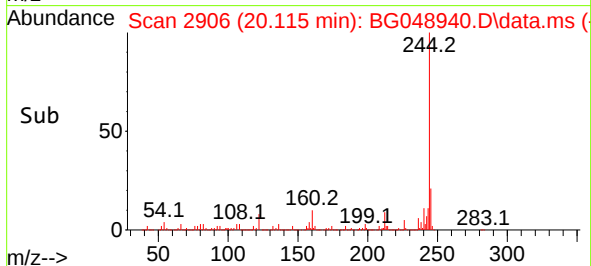
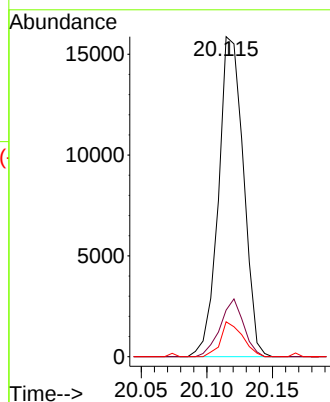
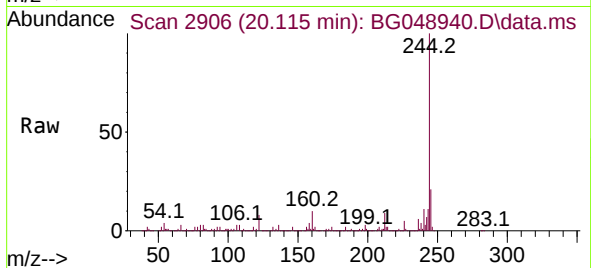
Tgt Ion:184 Resp: 20953

Ion Ratio Lower Upper

184 100

185 14.5 10.7 16.1

183 10.9 9.4 14.0



#79

Terphenyl-d14

Concen: 79.84 ng

RT: 20.121 min Scan# 2907

Delta R.T. -0.005 min

Lab File: BG048940.D

Acq: 13 Jun 2021 13:11

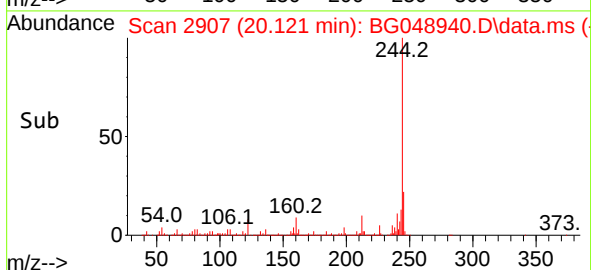
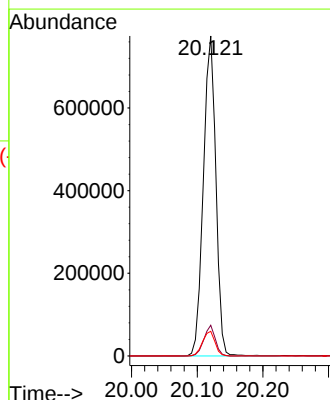
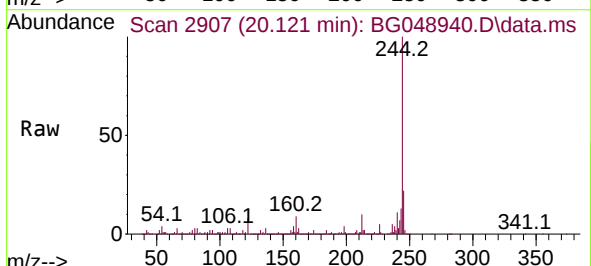
Tgt Ion:244 Resp: 1029494

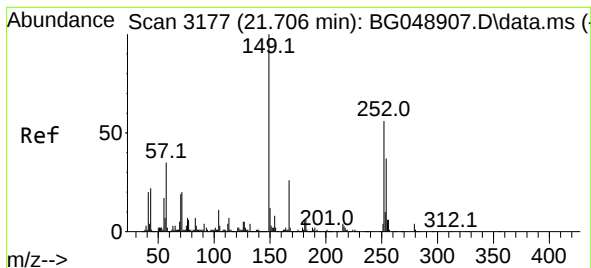
Ion Ratio Lower Upper

244 100

212 9.6 6.9 10.3

122 7.7 5.0 7.6#

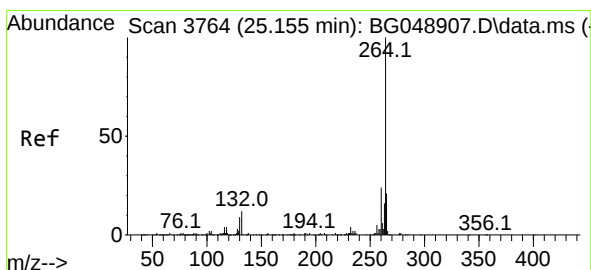
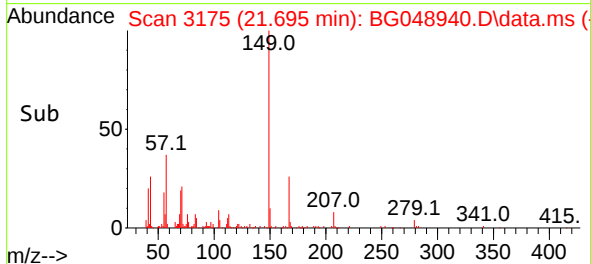
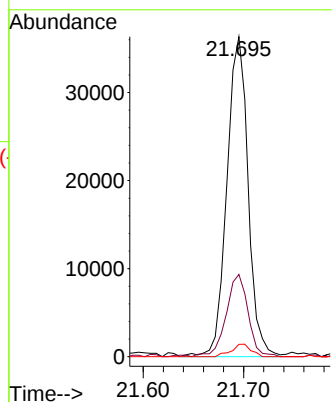
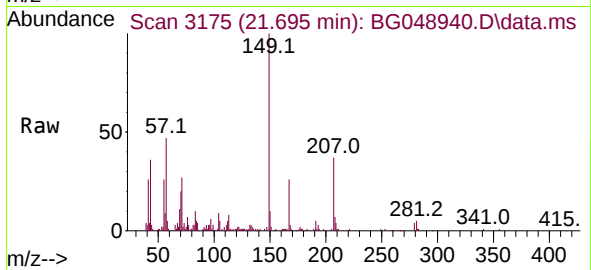




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.79 ng
RT: 21.695 min Scan# 3175
Delta R.T. -0.011 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

Instrument :
BNA_G
ClientSampleId :
18-B12(202-206)

Tgt Ion:149 Resp: 53401
Ion Ratio Lower Upper
149 100
167 25.7 22.3 33.5
279 3.8 3.8 5.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.138 min Scan# 3761
Delta R.T. -0.017 min
Lab File: BG048940.D
Acq: 13 Jun 2021 13:11

Tgt Ion:264 Resp: 233485
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 22.6 16.9 25.3

