

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
 Data File : BG048995.D
 Acq On : 16 Jun 2021 12:12
 Operator : CG/JU
 Sample : M2687-05RX
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(116-120)

Quant Time: Jun 16 12:56:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

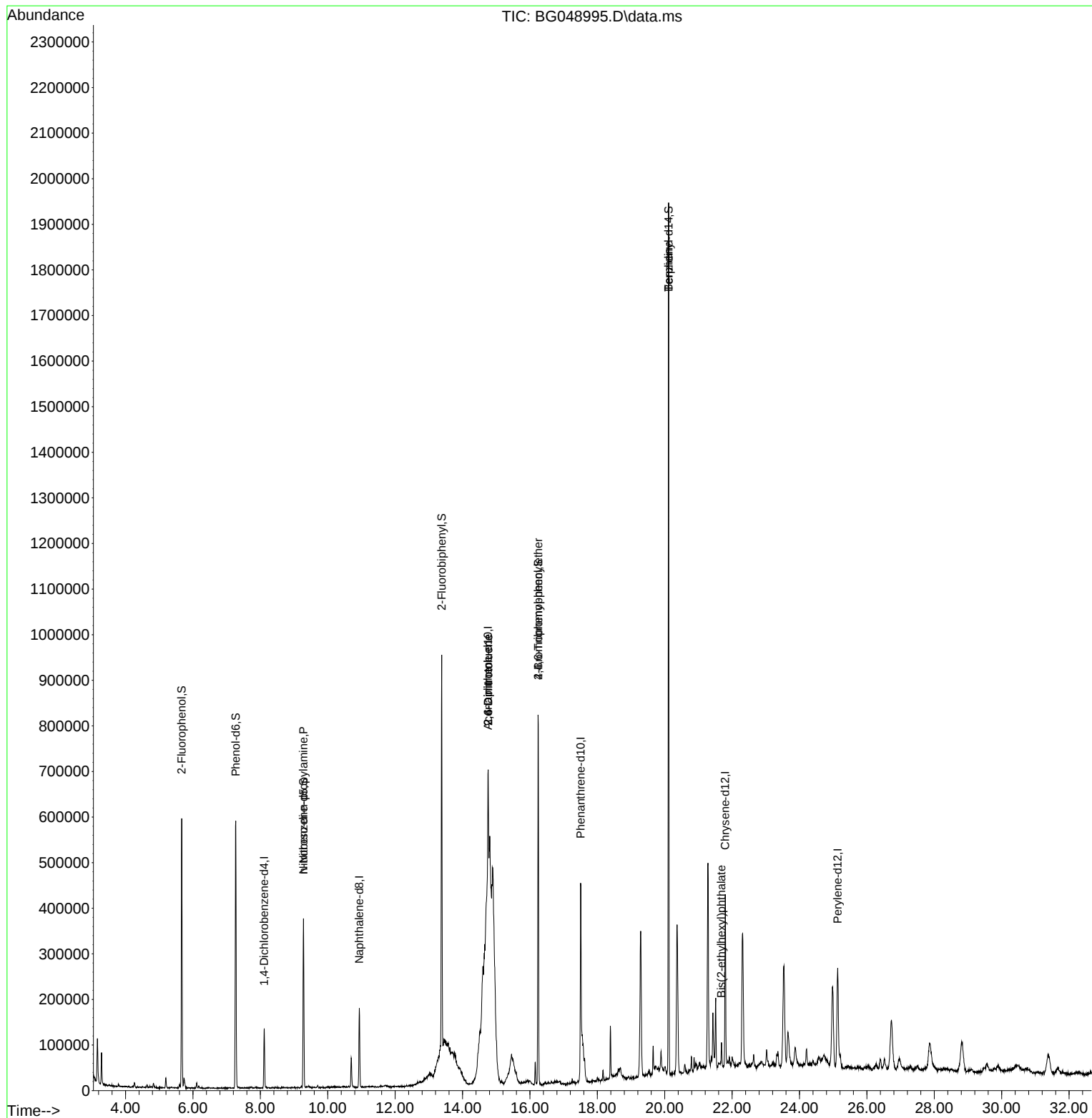
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	34273	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	135366	20.000	ng	# 0.00
39) Acenaphthene-d10	14.756	164	90231	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	235549	20.000	ng	# 0.00
76) Chrysene-d12	21.795	240	239453	20.000	ng	0.00
86) Perylene-d12	25.132	264	245271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	226982	103.095	ng	0.00
7) Phenol-d6	7.271	99	302277	91.602	ng	0.00
23) Nitrobenzene-d5	9.280	82	218519	69.608	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	150214	112.366	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	428831	67.138	ng	0.00
79) Terphenyl-d14	20.115	244	848005	64.858	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.280	70	32000	12.406	ng	# 76
51) 2,6-Dinitrotoluene	14.762	165	11834	8.268	ng	# 18
57) 2,4-Dinitrotoluene	14.762	165	11834	6.731	ng	# 23
67) 4-Bromophenyl-phenylether	16.249	248	9712	3.302	ng	# 1
77) Benzidine	20.115	184	17174	3.560	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.683	149	21069	2.254	ng	93

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

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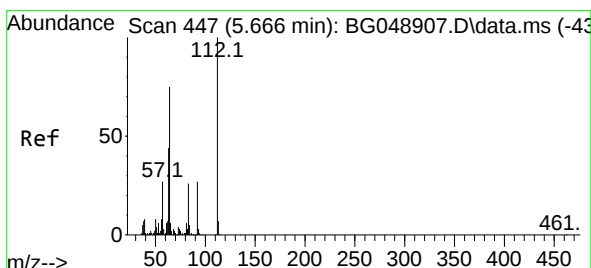
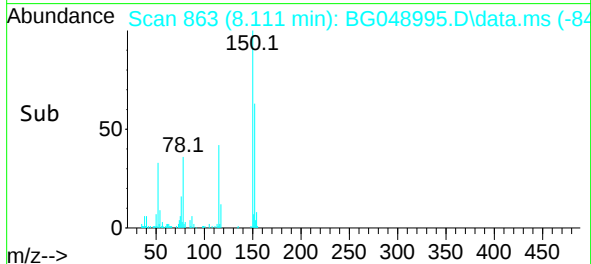
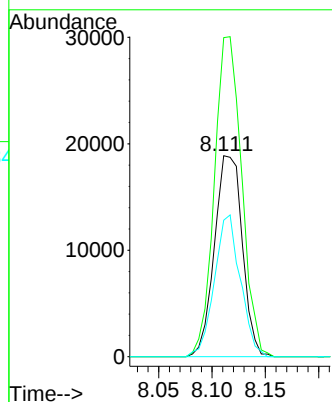
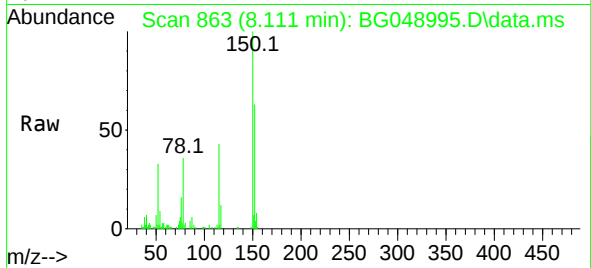




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

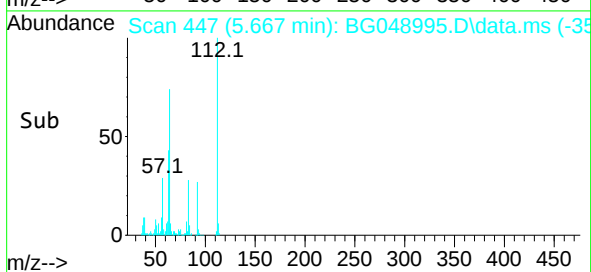
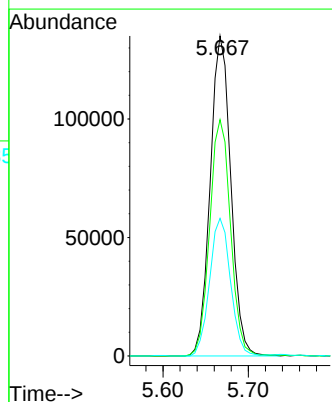
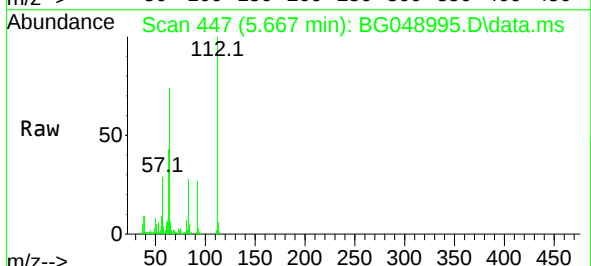
Instrument :
BNA_G
ClientSampleId :
17-B6(116-120)

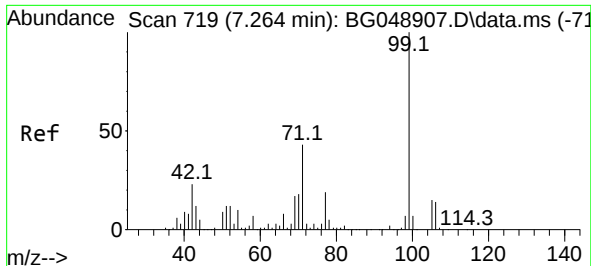
Tgt Ion:152 Resp: 34273
Ion Ratio Lower Upper
152 100
150 158.7 119.4 179.0
115 67.9 60.2 90.4



#5
2-Fluorophenol
Concen: 103.095 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.003 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

Tgt Ion:112 Resp: 226982
Ion Ratio Lower Upper
112 100
64 73.8 46.7 70.1#
63 43.0 35.3 52.9

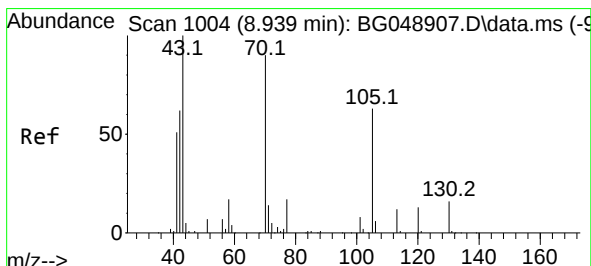
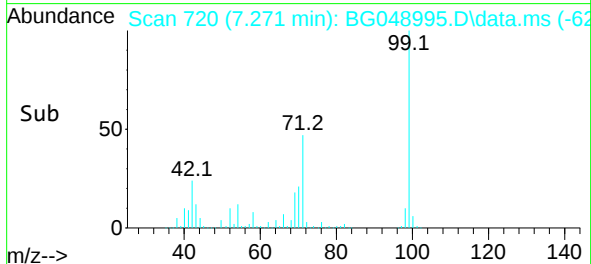
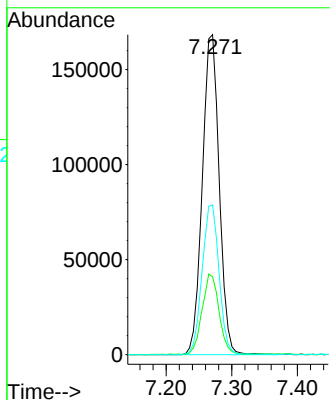
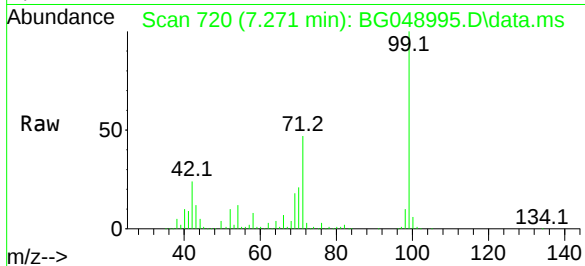




#7
Phenol-d6
Concen: 91.602 ng
RT: 7.271 min Scan# 720
Delta R.T. 0.003 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

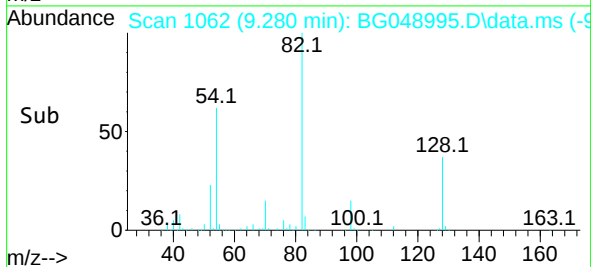
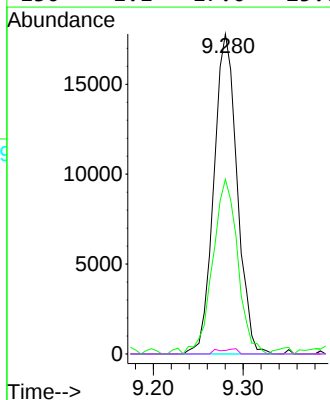
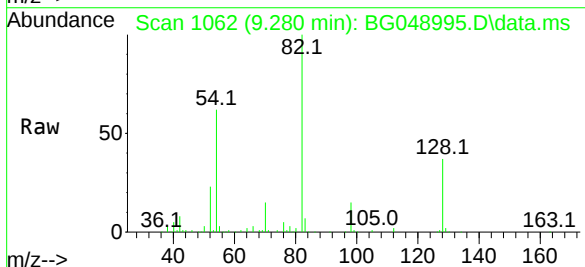
Instrument :
BNA_G
ClientSampleId :
17-B6(116-120)

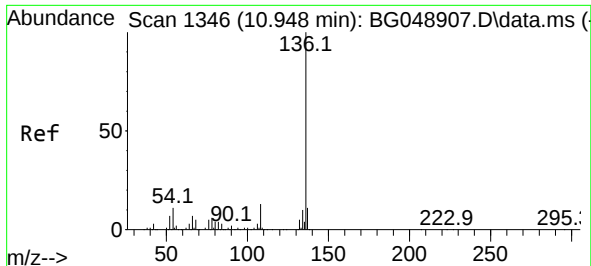
Tgt Ion: 99 Resp: 302277
Ion Ratio Lower Upper
99 100
42 24.4 20.5 30.7
71 46.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.406 ng
RT: 9.280 min Scan# 1062
Delta R.T. 0.356 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

Tgt Ion: 70 Resp: 32000
Ion Ratio Lower Upper
70 100
42 54.6 54.5 81.7
101 0.0 9.0 13.6#
130 1.1 17.0 25.6#

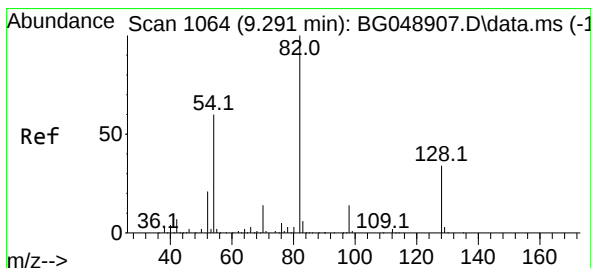
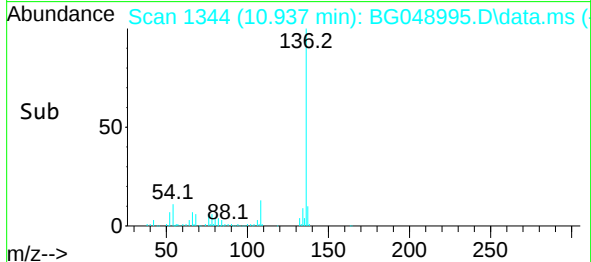
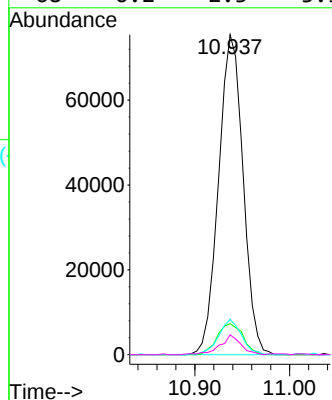
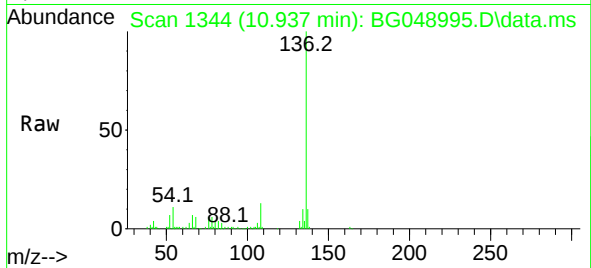




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

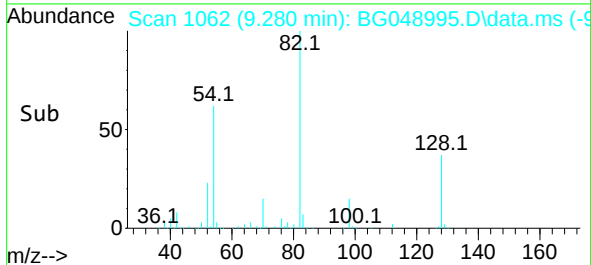
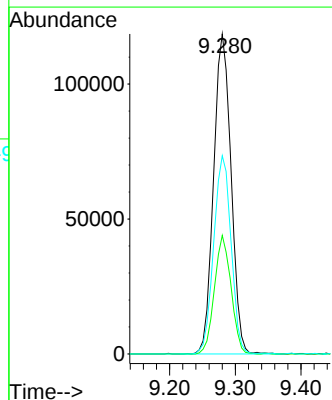
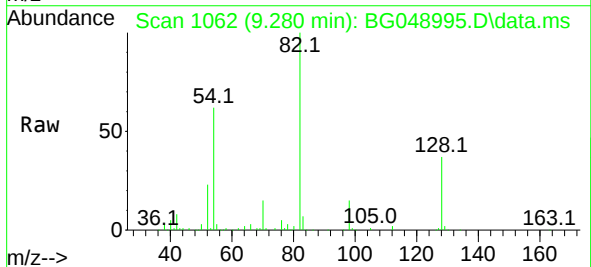
Instrument :
BNA_G
ClientSampleId :
17-B6(116-120)

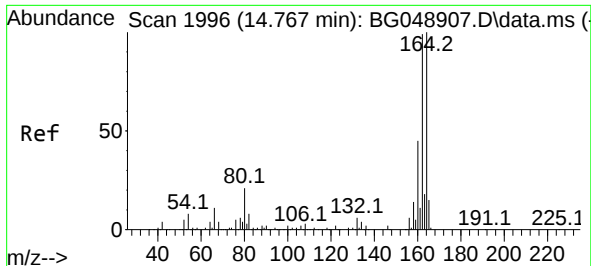
Tgt Ion:	136	Resp:	135366
Ion Ratio	Lower	Upper	
136	100		
137	9.7	8.2	12.2
54	11.0	5.5	8.3#
68	6.2	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 69.608 ng
RT: 9.280 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

Tgt Ion:	82	Resp:	218519
Ion Ratio	Lower	Upper	
82	100		
128	37.0	29.8	44.6
54	62.0	45.8	68.8

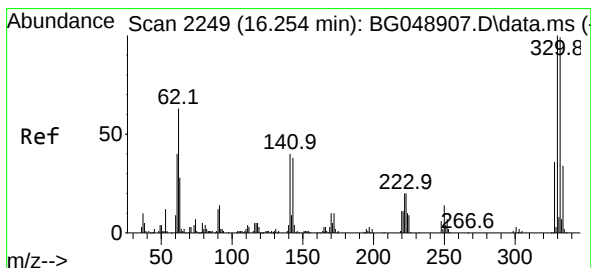
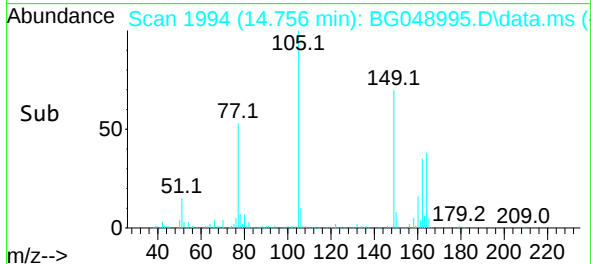
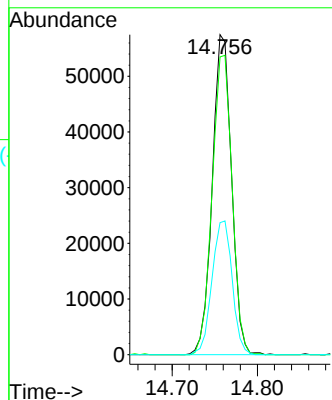
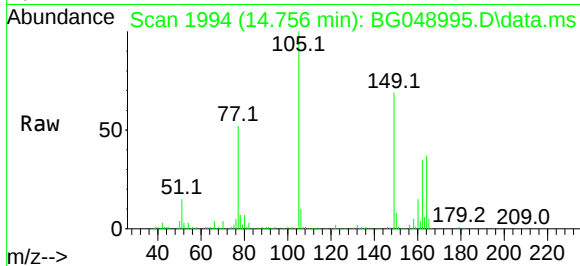




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.756 min Scan# 1994
Delta R.T. -0.003 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

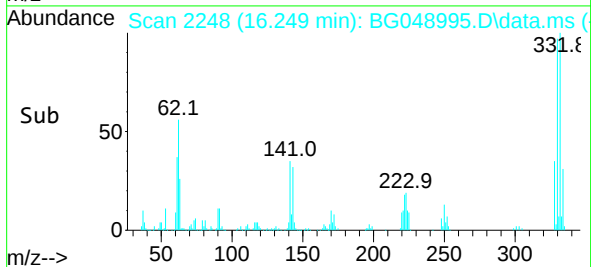
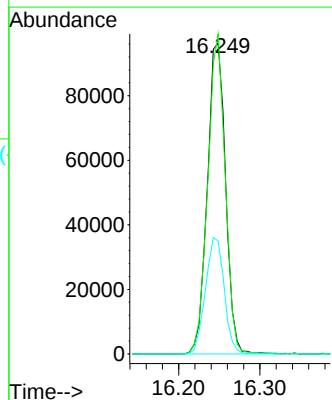
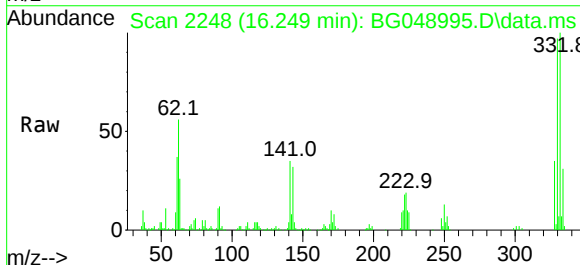
Instrument :
BNA_G
ClientSampleId :
17-B6(116-120)

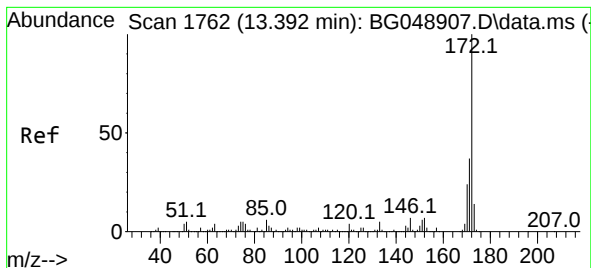
Tgt Ion:164 Resp: 90231
Ion Ratio Lower Upper
164 100
162 93.0 81.4 122.0
160 41.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 112.366 ng
RT: 16.249 min Scan# 2248
Delta R.T. 0.003 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

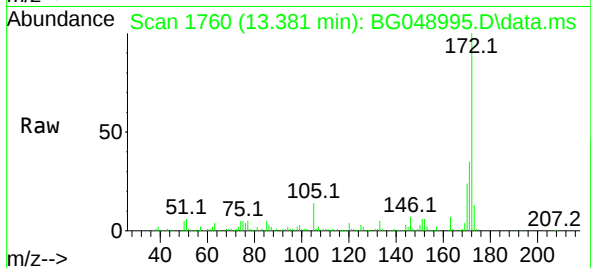
Tgt Ion:330 Resp: 150214
Ion Ratio Lower Upper
330 100
332 98.3 77.3 115.9
141 38.4 35.6 53.4



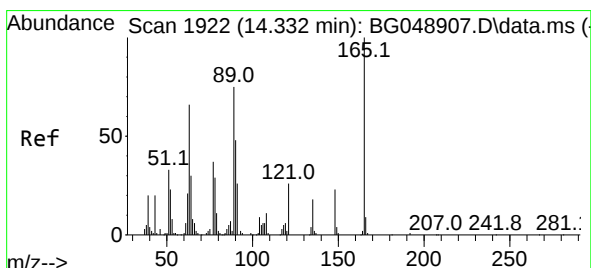
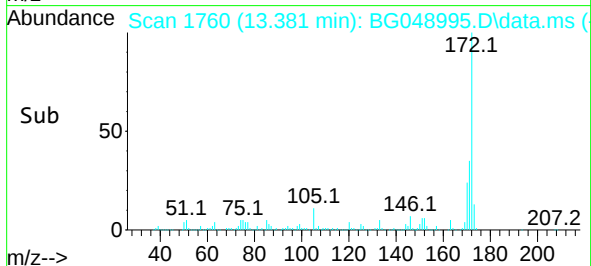
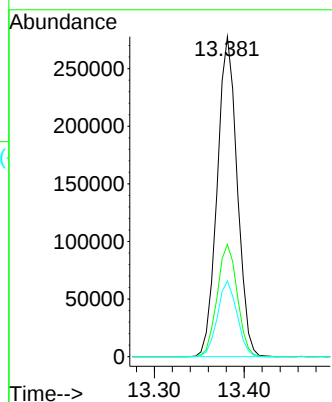


#45
2-Fluorobiphenyl
Concen: 67.138 ng
RT: 13.381 min Scan# 1760
Delta R.T. -0.003 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

Instrument :
BNA_G
ClientSampleId :
17-B6(116-120)

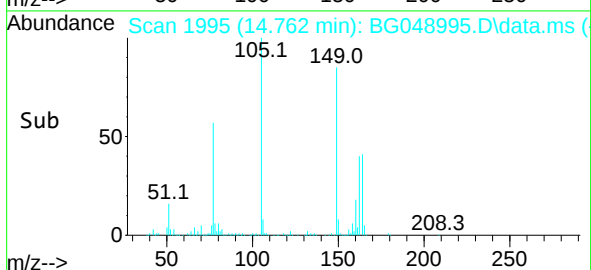
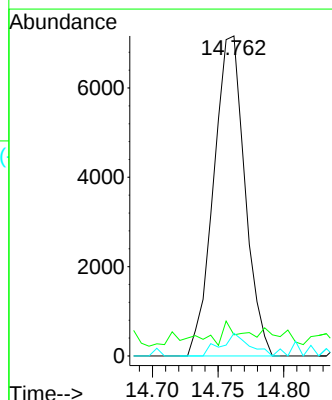
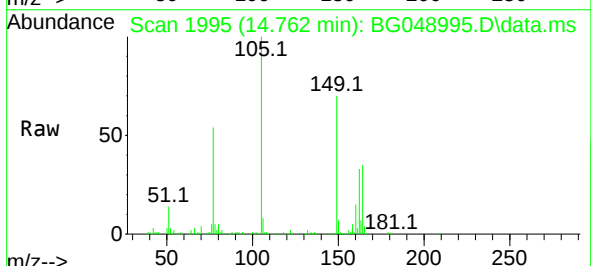


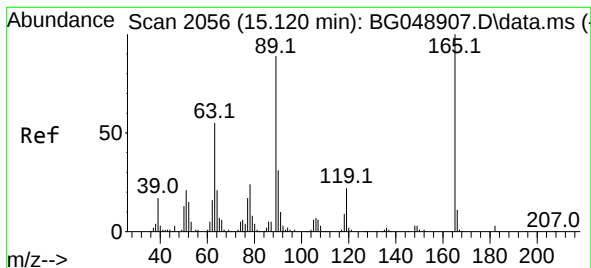
Tgt Ion:172 Resp: 428831
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.268 ng
RT: 14.762 min Scan# 1995
Delta R.T. 0.438 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

Tgt Ion:165 Resp: 11834
Ion Ratio Lower Upper
165 100
63 6.6 63.3 94.9#
89 7.1 63.4 95.0#

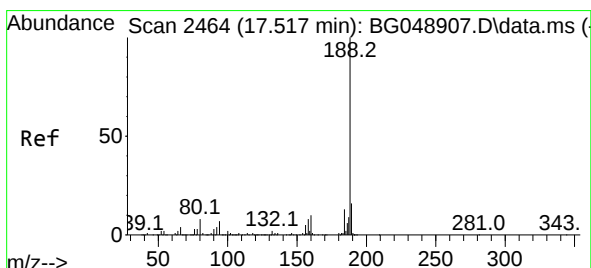
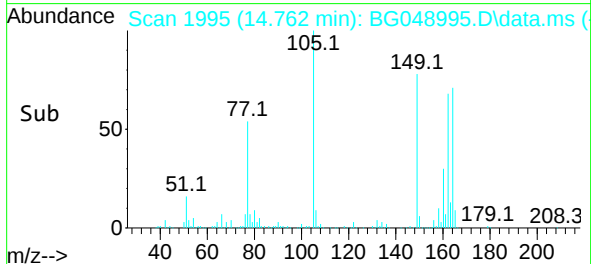
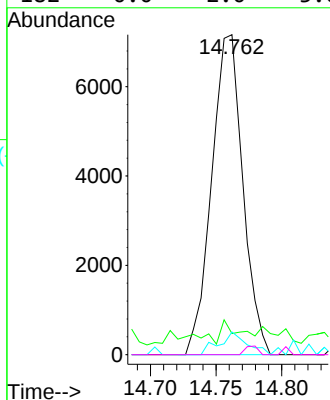
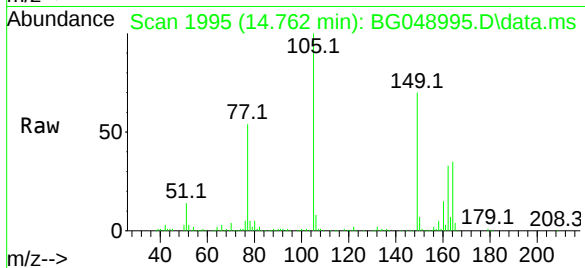




#57
2,4-Dinitrotoluene
Concen: 6.731 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.349 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

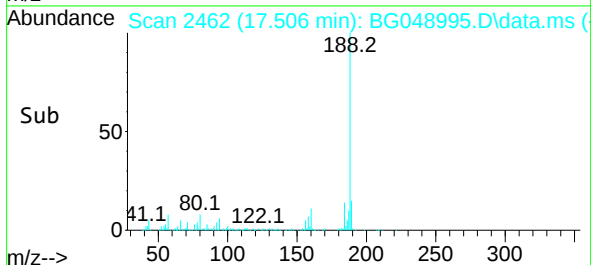
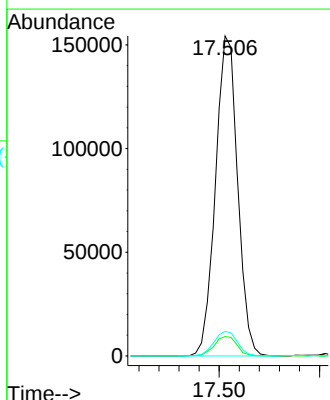
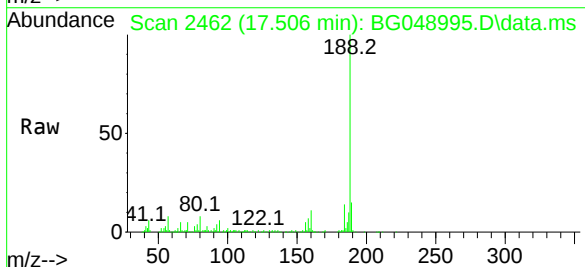
Instrument :
BNA_G
ClientSampleId :
17-B6(116-120)

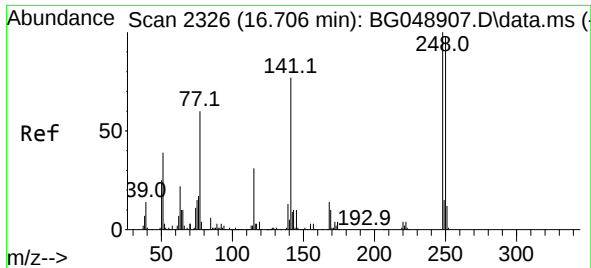
Tgt Ion:165 Resp: 11834
Ion Ratio Lower Upper
165 100
63 6.6 48.0 72.0#
89 7.1 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2462
Delta R.T. -0.003 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

Tgt Ion:188 Resp: 235549
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 7.7 3.7 5.5#

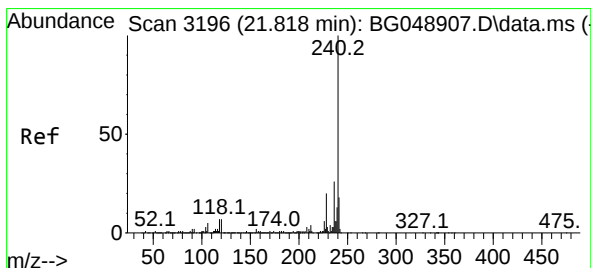
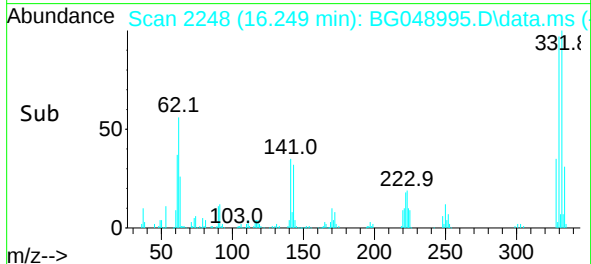
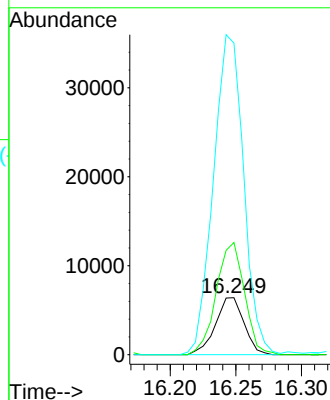
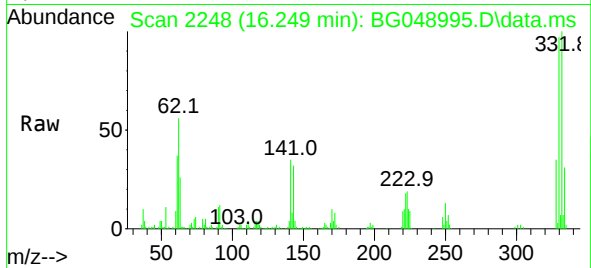




#67
4-Bromophenyl-phenylether
Concen: 3.302 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.443 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

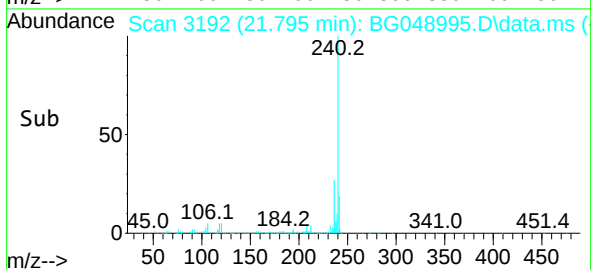
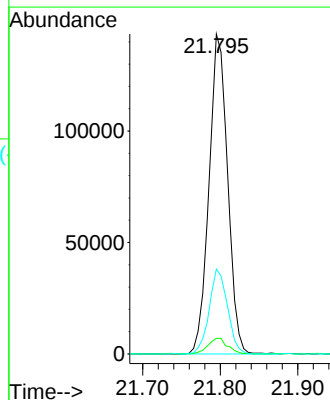
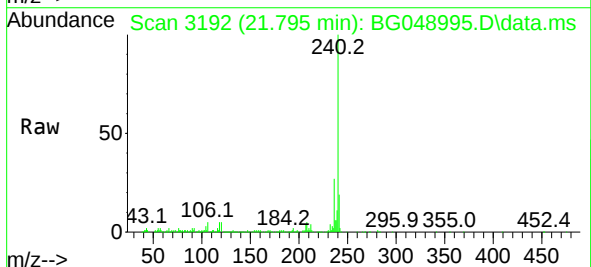
Instrument :
BNA_G
ClientSampleId :
17-B6(116-120)

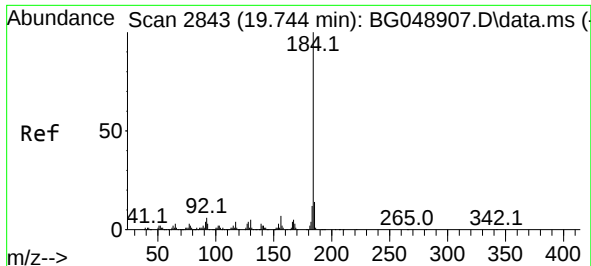
Tgt Ion:248 Resp: 9712
Ion Ratio Lower Upper
248 100
250 196.6 76.1 114.1#
141 546.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.795 min Scan# 3192
Delta R.T. -0.003 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

Tgt Ion:240 Resp: 239453
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 26.6 21.8 32.6

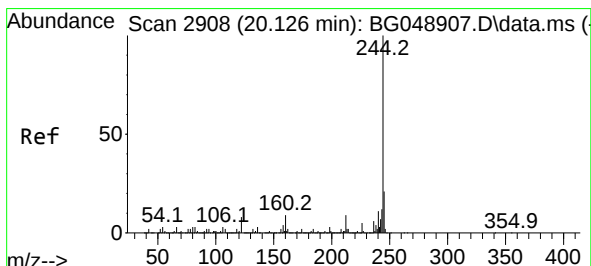
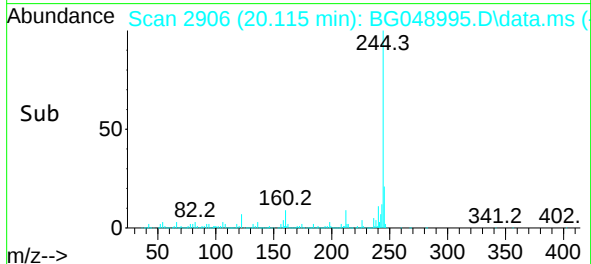
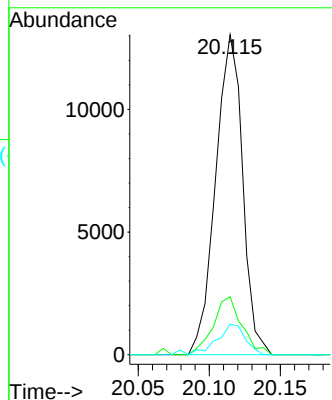
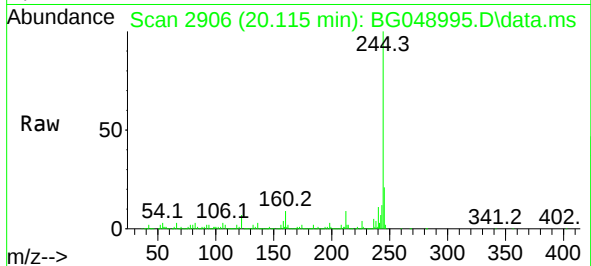




#77
Benzidine
Concen: 3.560 ng
RT: 20.115 min Scan# 2906
Delta R.T. 0.385 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

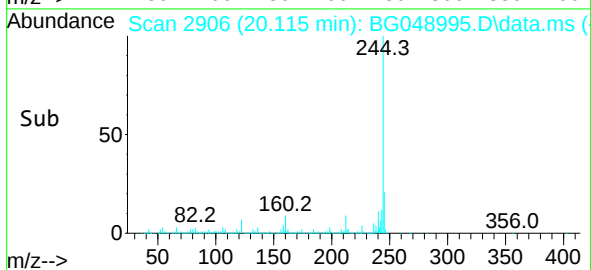
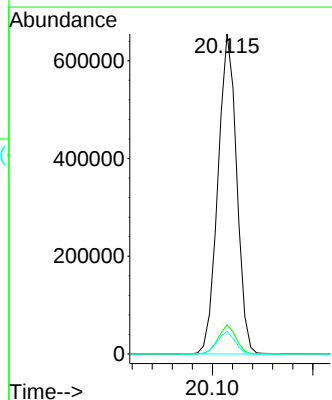
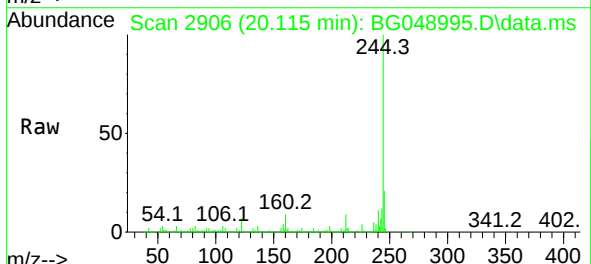
Instrument :
BNA_G
ClientSampleId :
17-B6(116-120)

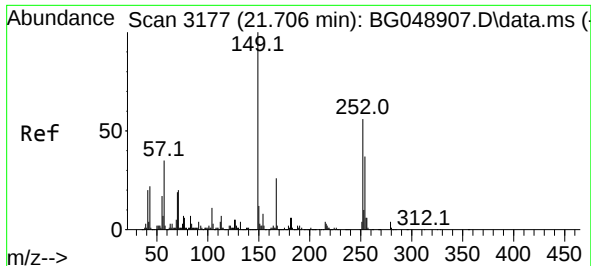
Tgt Ion:184 Resp: 17174
Ion Ratio Lower Upper
184 100
185 18.1 10.7 16.1#
183 9.6 9.4 14.0



#79
Terphenyl-d14
Concen: 64.858 ng
RT: 20.115 min Scan# 2906
Delta R.T. 0.003 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

Tgt Ion:244 Resp: 848005
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 7.1 5.0 7.6

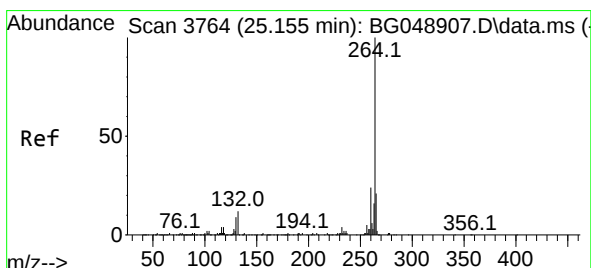
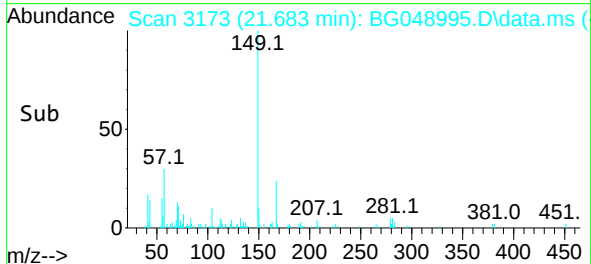
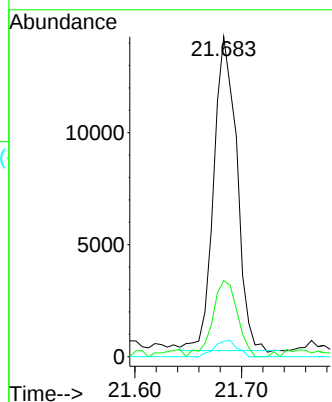
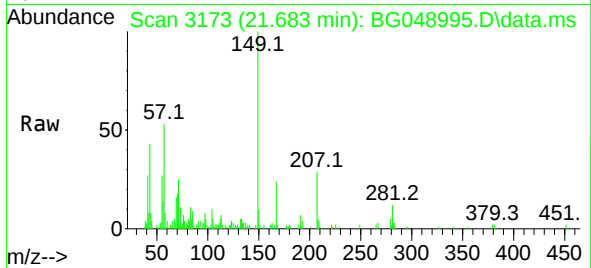




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.254 ng
RT: 21.683 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

Instrument :
BNA_G
ClientSampleId :
17-B6(116-120)

Tgt Ion:149 Resp: 21069
Ion Ratio Lower Upper
149 100
167 23.8 22.3 33.5
279 4.8 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.132 min Scan# 3760
Delta R.T. 0.003 min
Lab File: BG048995.D
Acq: 16 Jun 2021 12:12

Tgt Ion:264 Resp: 245271
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.6 16.9 25.3

