

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048970.D
 Acq On : 15 Jun 2021 7:52
 Operator : CG/JU
 Sample : M2639-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B67

Quant Time: Jun 15 09:04:22 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)

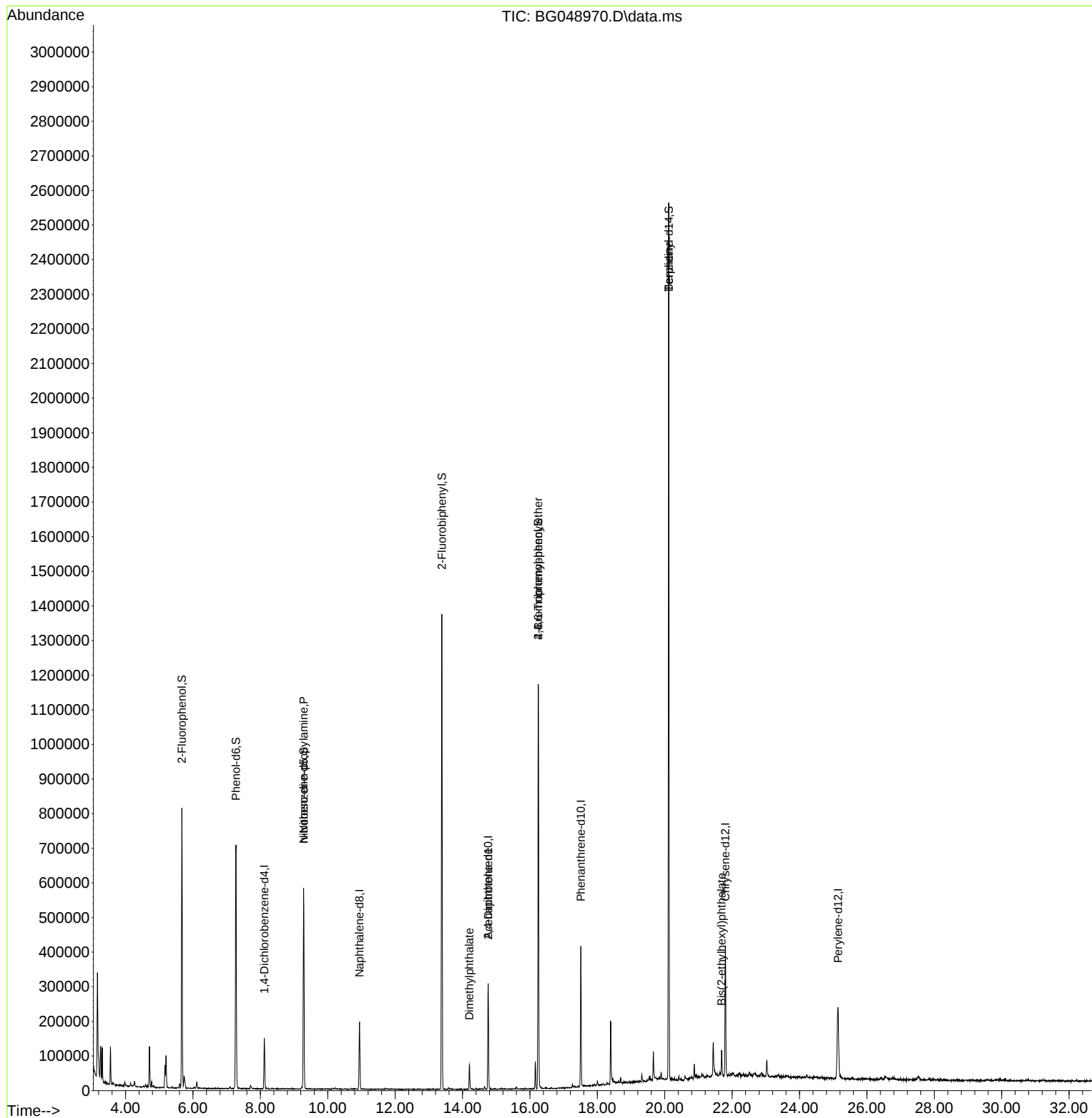
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	37028	20.00	ng	0.00
21) Naphthalene-d8	10.942	136	154190	20.00	ng	# 0.00
39) Acenaphthene-d10	14.761	164	110229	20.00	ng	0.00
64) Phenanthrene-d10	17.511	188	247159	20.00	ng	# 0.00
76) Chrysene-d12	21.800	240	237653	20.00	ng	-0.02
86) Perylene-d12	25.143	264	248835	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	303655	127.66	ng	0.00
7) Phenol-d6	7.276	99	364347	102.20	ng	0.01
23) Nitrobenzene-d5	9.285	82	334761	93.62	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	225325	137.97	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	696214	89.22	ng	0.00
79) Terphenyl-d14	20.120	244	1149863	88.61	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.285	70	48739	17.49	ng	# 77
50) Dimethylphthalate	14.203	163	44114	5.14	ng	99
57) 2,4-Dinitrotoluene	14.761	165	13535	6.30	ng	# 17
67) 4-Bromophenyl-phenylether	16.248	248	13630	4.42	ng	# 1
77) Benzidine	20.120	184	22920	4.79	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.689	149	28810	3.11	ng	# 90

(#) = 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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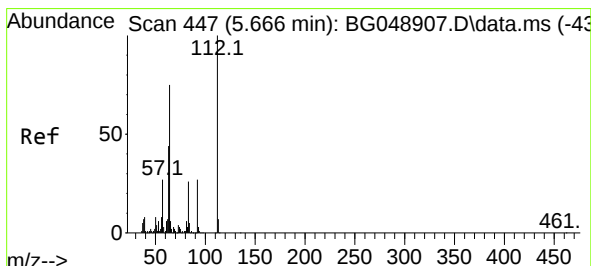
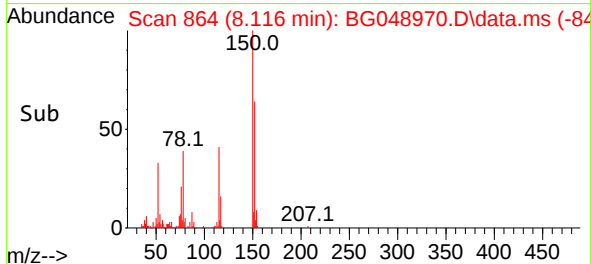
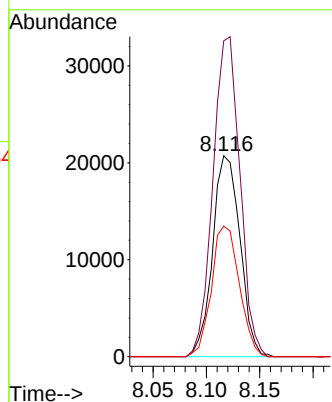
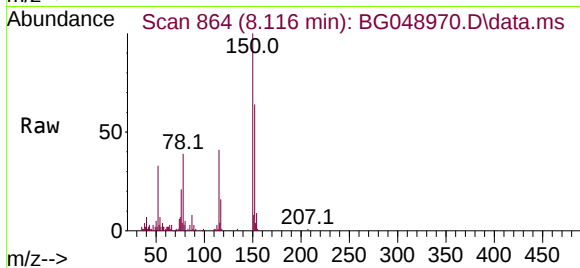




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.116 min Scan# 864
Delta R.T. -0.006 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

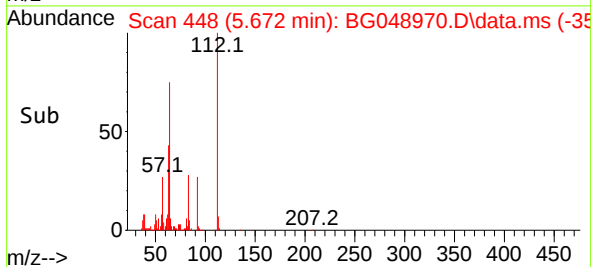
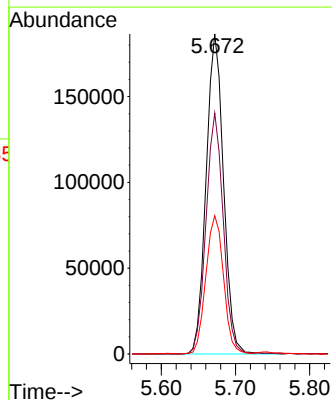
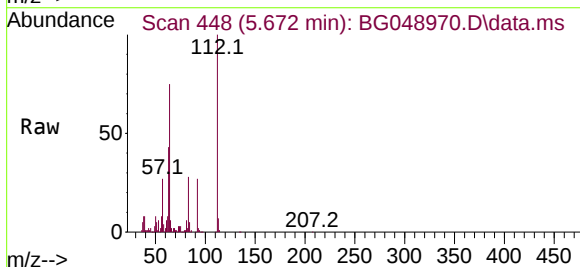
Instrument :
BNA_G
ClientSampleId :
B67

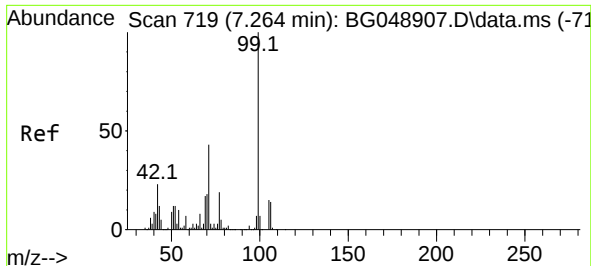
Tgt Ion:152 Resp: 37028
Ion Ratio Lower Upper
152 100
150 157.2 119.4 179.0
115 65.0 60.2 90.4



#5
2-Fluorophenol
Concen: 127.66 ng
RT: 5.672 min Scan# 448
Delta R.T. 0.006 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

Tgt Ion:112 Resp: 303655
Ion Ratio Lower Upper
112 100
64 75.3 46.7 70.1#
63 43.2 35.3 52.9

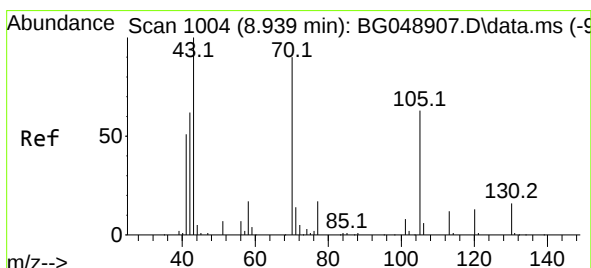
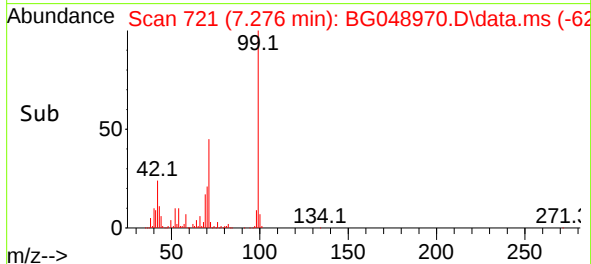
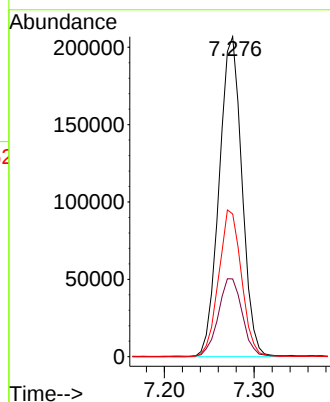
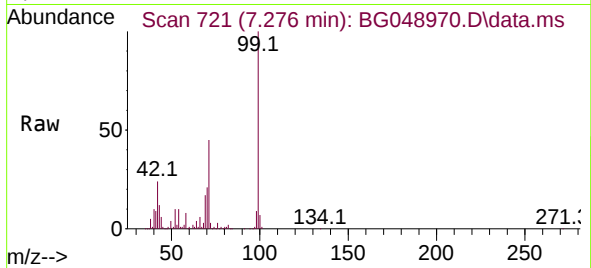




#7
Phenol-d6
Concen: 102.20 ng
RT: 7.276 min Scan# 721
Delta R.T. 0.012 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

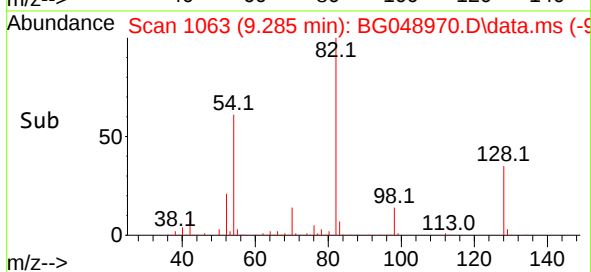
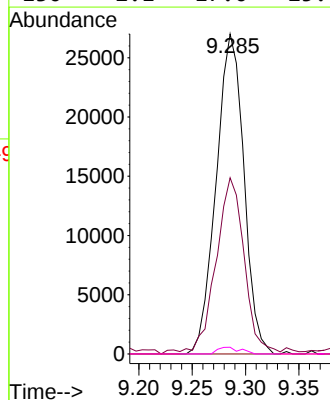
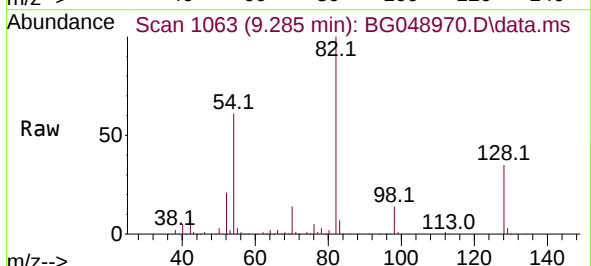
Instrument :
BNA_G
ClientSampleId :
B67

Tgt Ion:	99	Resp:	364347
Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.5	30.7
71	44.6	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.49 ng
RT: 9.285 min Scan# 1063
Delta R.T. 0.347 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

Tgt Ion:	70	Resp:	48739
Ion	Ratio	Lower	Upper
70	100		
42	55.0	54.5	81.7
101	0.0	9.0	13.6#
130	2.1	17.0	25.6#

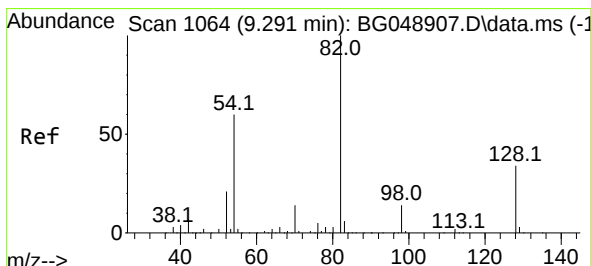
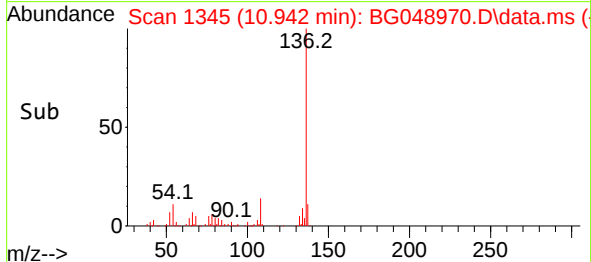
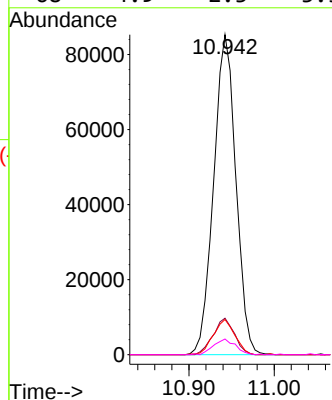
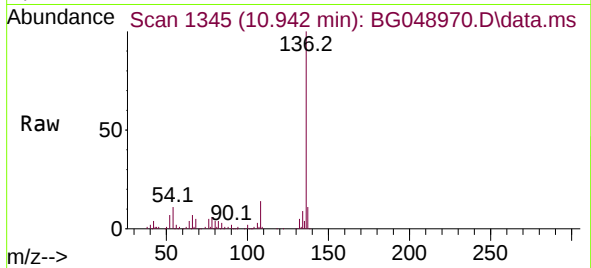




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.942 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

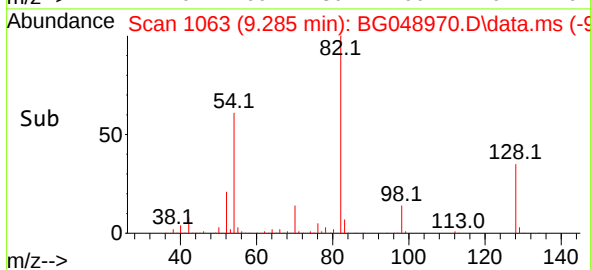
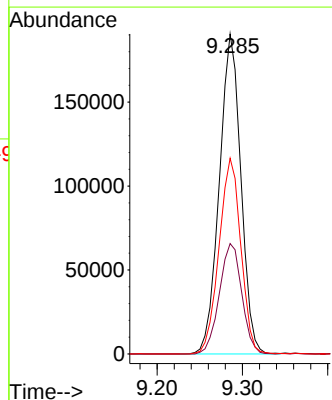
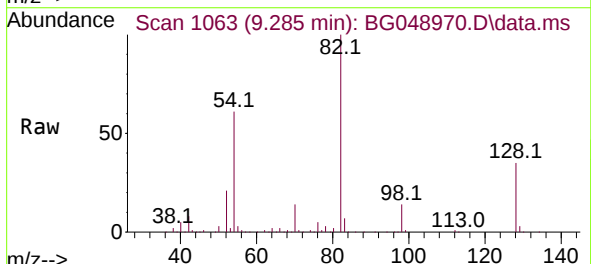
Instrument :
BNA_G
ClientSampleId :
B67

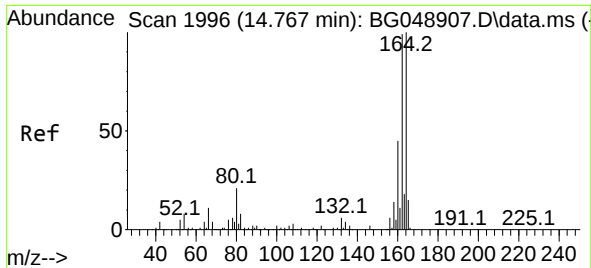
Tgt Ion:	136	Resp:	154190
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.2	12.2
54	11.0	5.5	8.3#
68	4.9	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 93.62 ng
RT: 9.285 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

Tgt Ion:	82	Resp:	334761
Ion Ratio	Lower	Upper	
82	100		
128	34.5	29.8	44.6
54	61.1	45.8	68.8

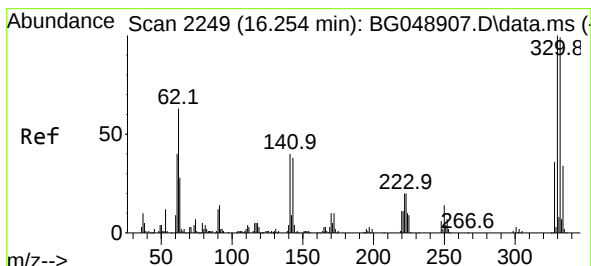
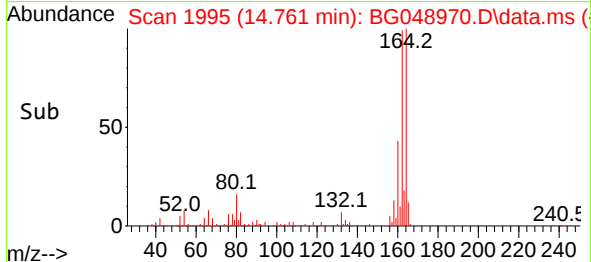
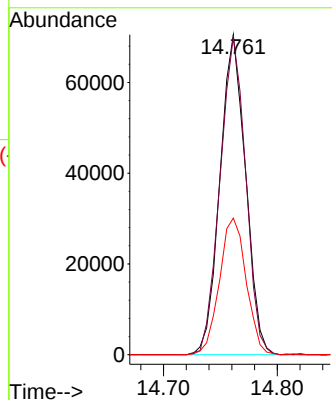
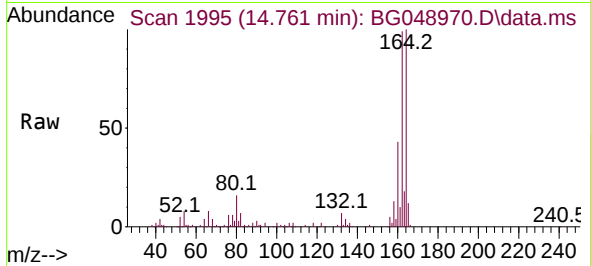




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.761 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

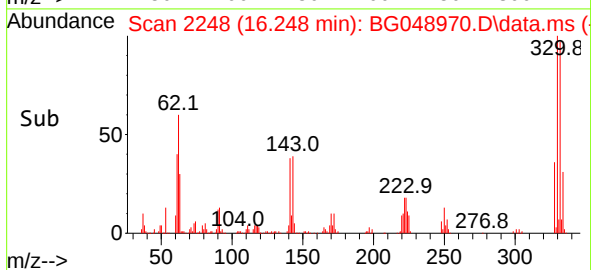
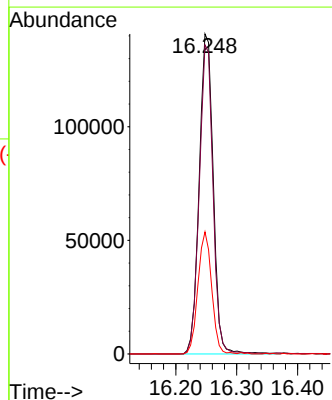
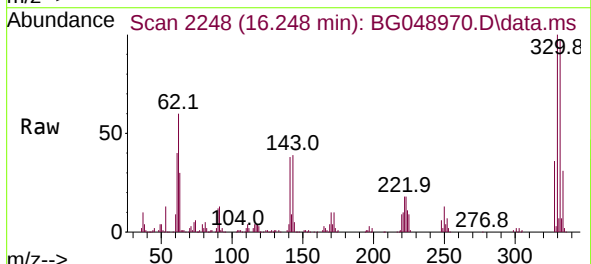
Instrument :
BNA_G
ClientSampleId :
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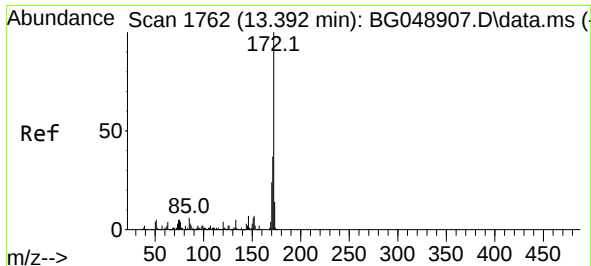
Tgt Ion:164 Resp: 110229
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 42.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 137.97 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

Tgt Ion:330 Resp: 225325
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 37.3 35.6 53.4

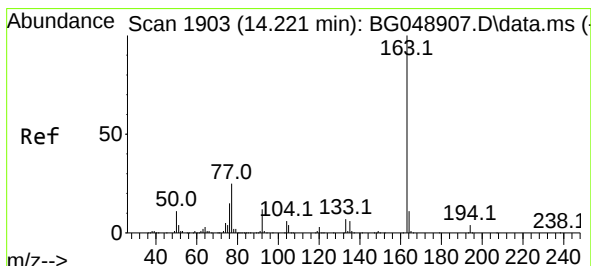
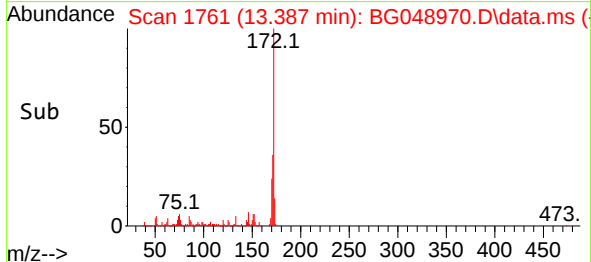
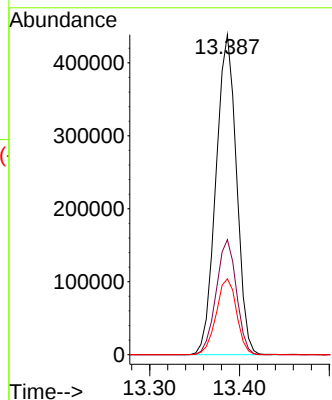
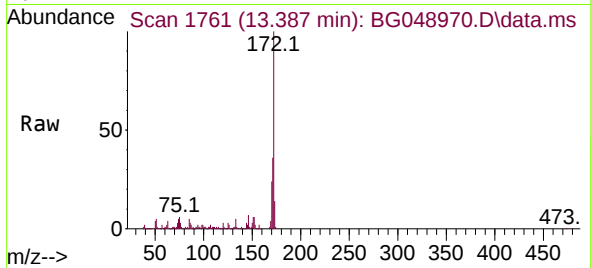




#45
2-Fluorobiphenyl
Concen: 89.22 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

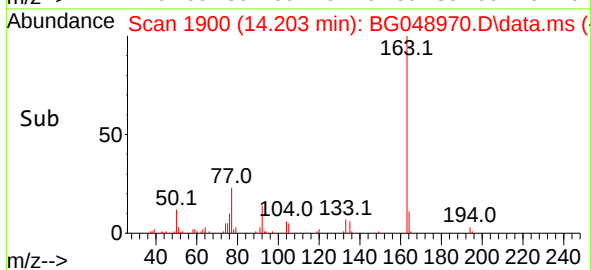
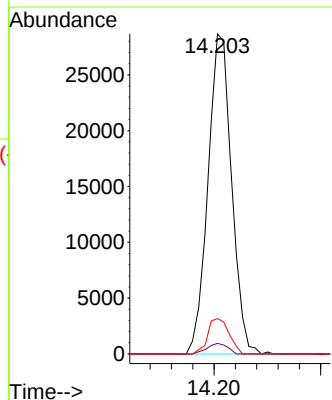
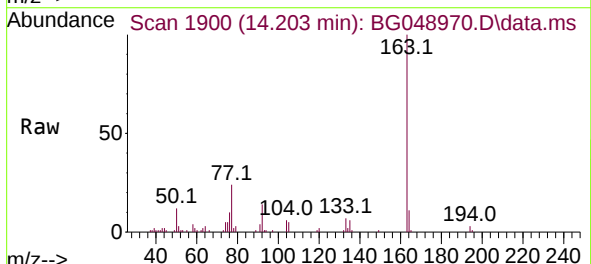
Instrument :
BNA_G
ClientSampleId :
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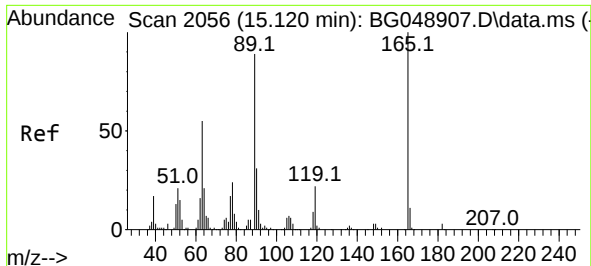
Tgt Ion:172	Resp:	696214
Ion Ratio	Lower	Upper
172	100	
171	35.9	28.6 43.0
170	23.7	18.6 27.8



#50
Dimethylphthalate
Concen: 5.14 ng
RT: 14.203 min Scan# 1900
Delta R.T. -0.018 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

Tgt Ion:163	Resp:	44114
Ion Ratio	Lower	Upper
163	100	
194	3.3	3.0 4.6
164	11.1	8.6 12.8

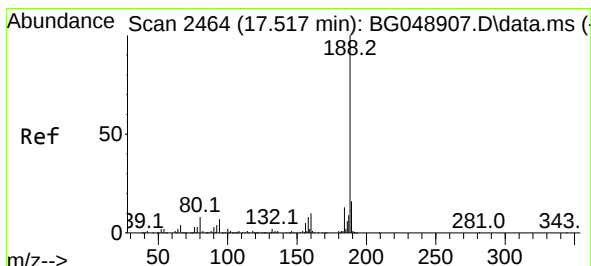
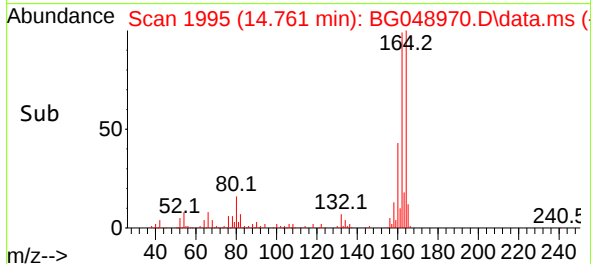
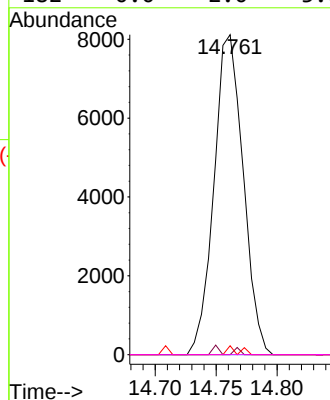
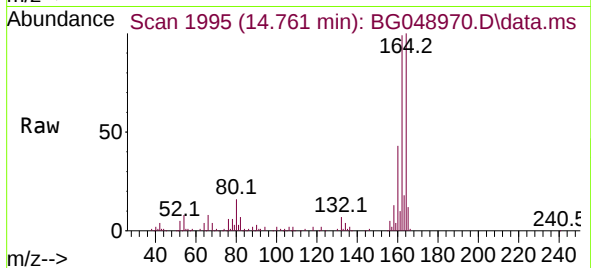




#57
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 14.761 min Scan# 1995
Delta R.T. -0.358 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

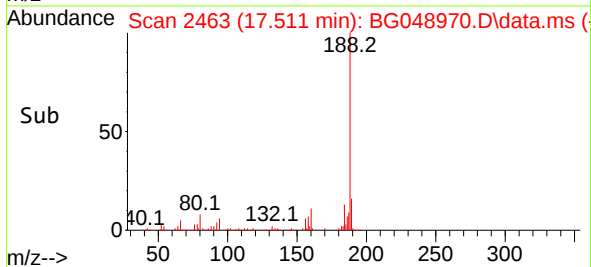
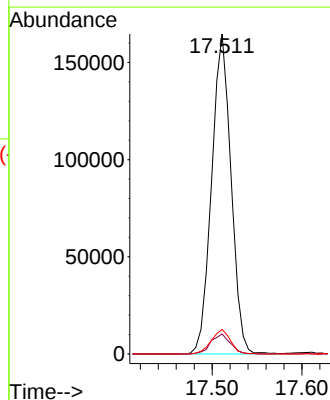
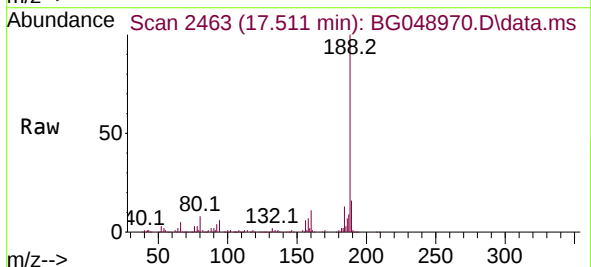
Instrument :
BNA_G
ClientSampled :
B67

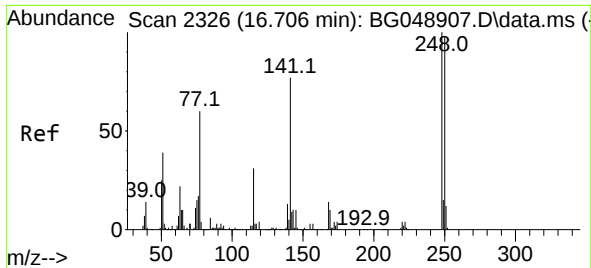
Tgt Ion:165 Resp: 13535
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.8 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.511 min Scan# 2463
Delta R.T. -0.006 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

Tgt Ion:188 Resp: 247159
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 7.7 3.7 5.5#

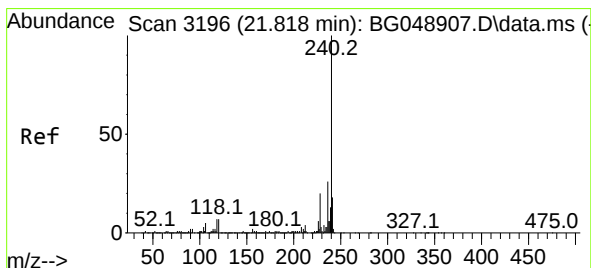
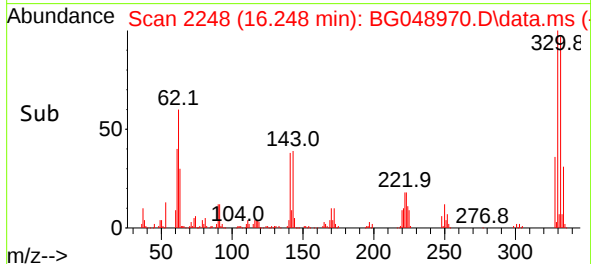
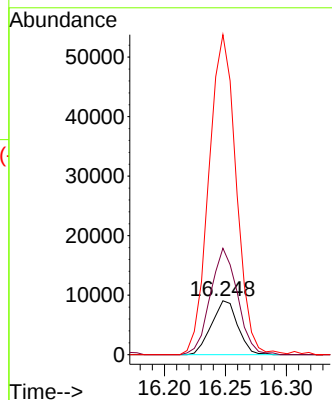
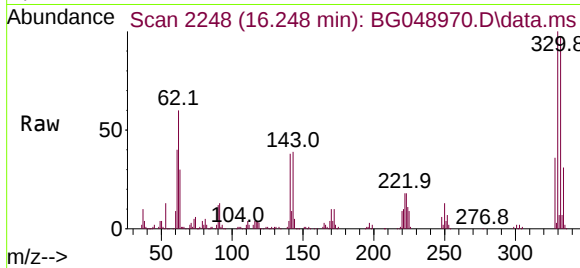




#67
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.458 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

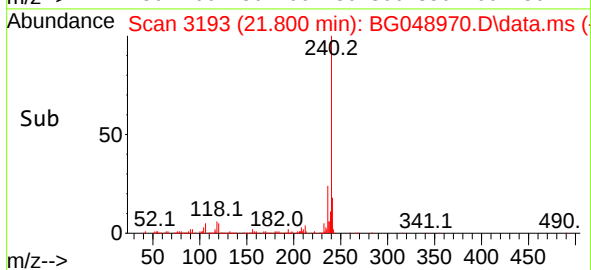
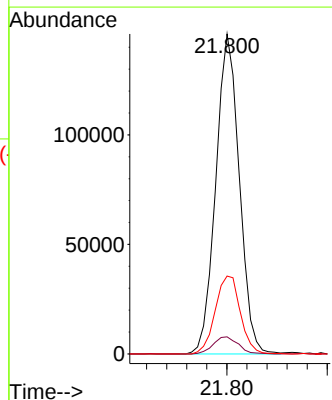
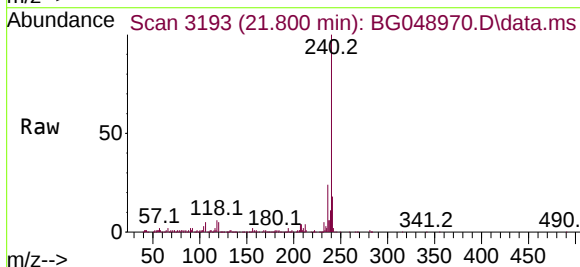
Instrument :
BNA_G
ClientSampleId :
B67

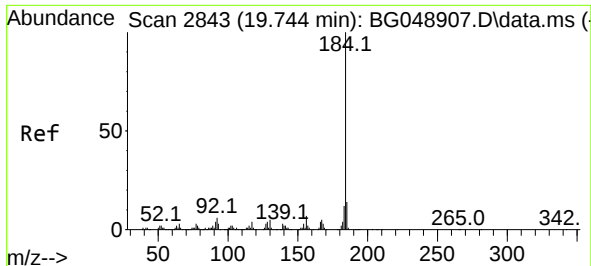
Tgt Ion:248 Resp: 13630
Ion Ratio Lower Upper
248 100
250 197.4 76.1 114.1#
141 593.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.800 min Scan# 3193
Delta R.T. -0.018 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

Tgt Ion:240 Resp: 237653
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 24.3 21.8 32.6

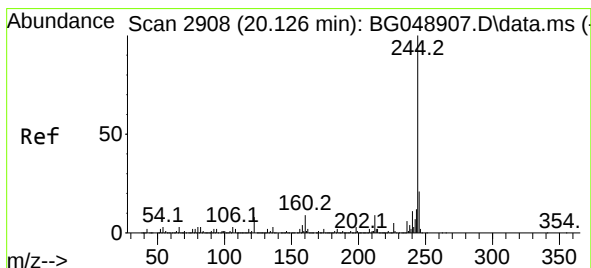
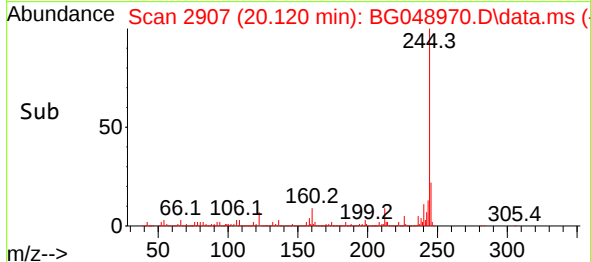
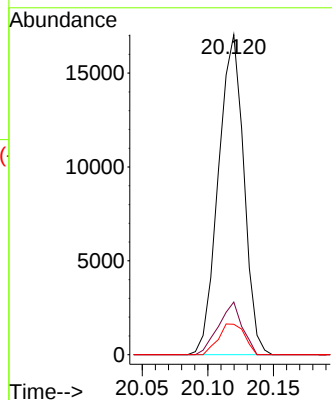
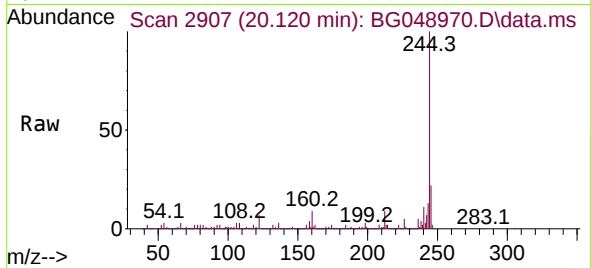




#77
Benzidine
Concen: 4.79 ng
RT: 20.120 min Scan# 2907
Delta R.T. 0.376 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

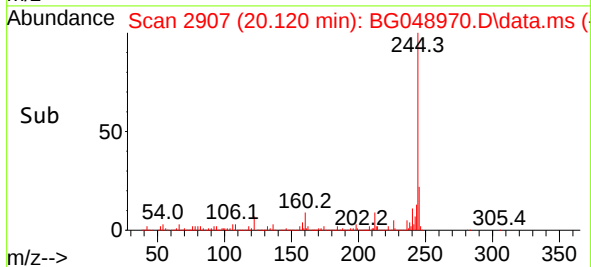
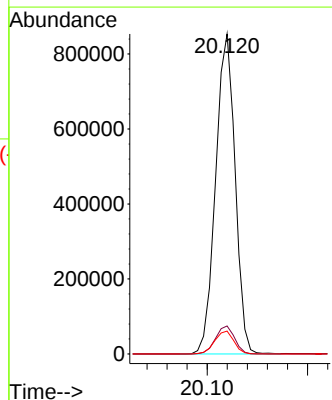
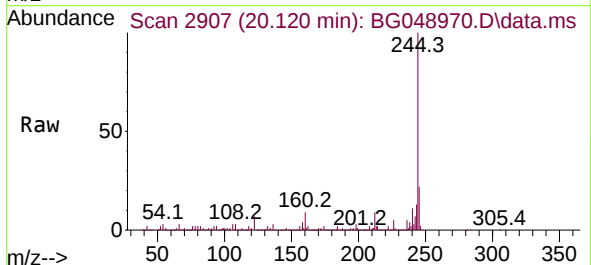
Instrument :
BNA_G
ClientSampled :
B67

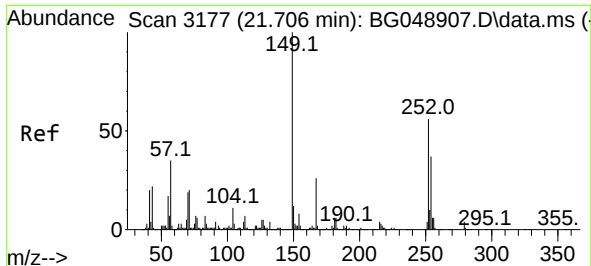
Tgt Ion:184 Resp: 22920
Ion Ratio Lower Upper
184 100
185 16.5 10.7 16.1#
183 9.5 9.4 14.0



#79
Terphenyl-d14
Concen: 88.61 ng
RT: 20.120 min Scan# 2907
Delta R.T. -0.006 min
Lab File: BG048970.D
Acq: 15 Jun 2021 7:52

Tgt Ion:244 Resp: 1149863
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 7.1 5.0 7.6

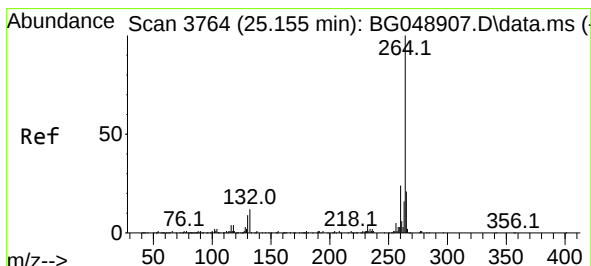
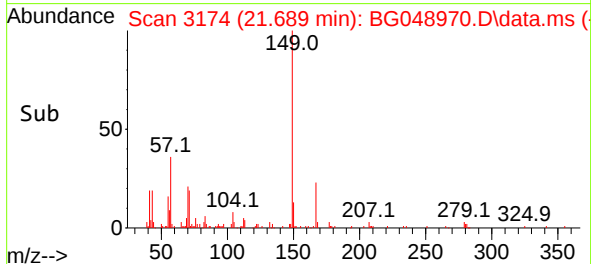
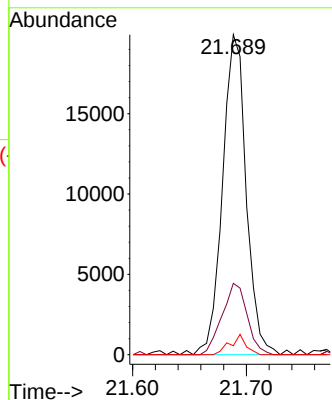
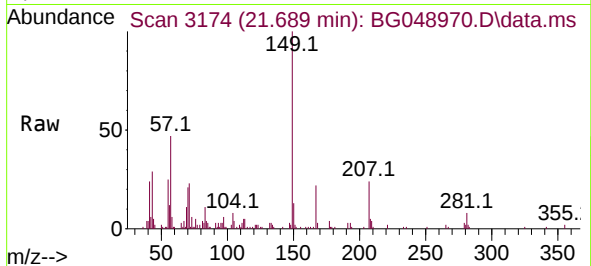




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.11 ng
 RT: 21.689 min Scan# 3174
 Delta R.T. -0.018 min
 Lab File: BG048970.D
 Acq: 15 Jun 2021 7:52

Instrument :
 BNA_G
 ClientSampled :
 B67

Tgt Ion:149 Resp: 28810
 Ion Ratio Lower Upper
 149 100
 167 22.3 22.3 33.5
 279 2.8 3.8 5.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.143 min Scan# 3762
 Delta R.T. -0.012 min
 Lab File: BG048970.D
 Acq: 15 Jun 2021 7:52

Tgt Ion:264 Resp: 248835
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 20.7 16.9 25.3

