

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048968.D
 Acq On : 15 Jun 2021 6:30
 Operator : CG/JU
 Sample : M2673-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(96-100)

Quant Time: Jun 15 07:30:17 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)

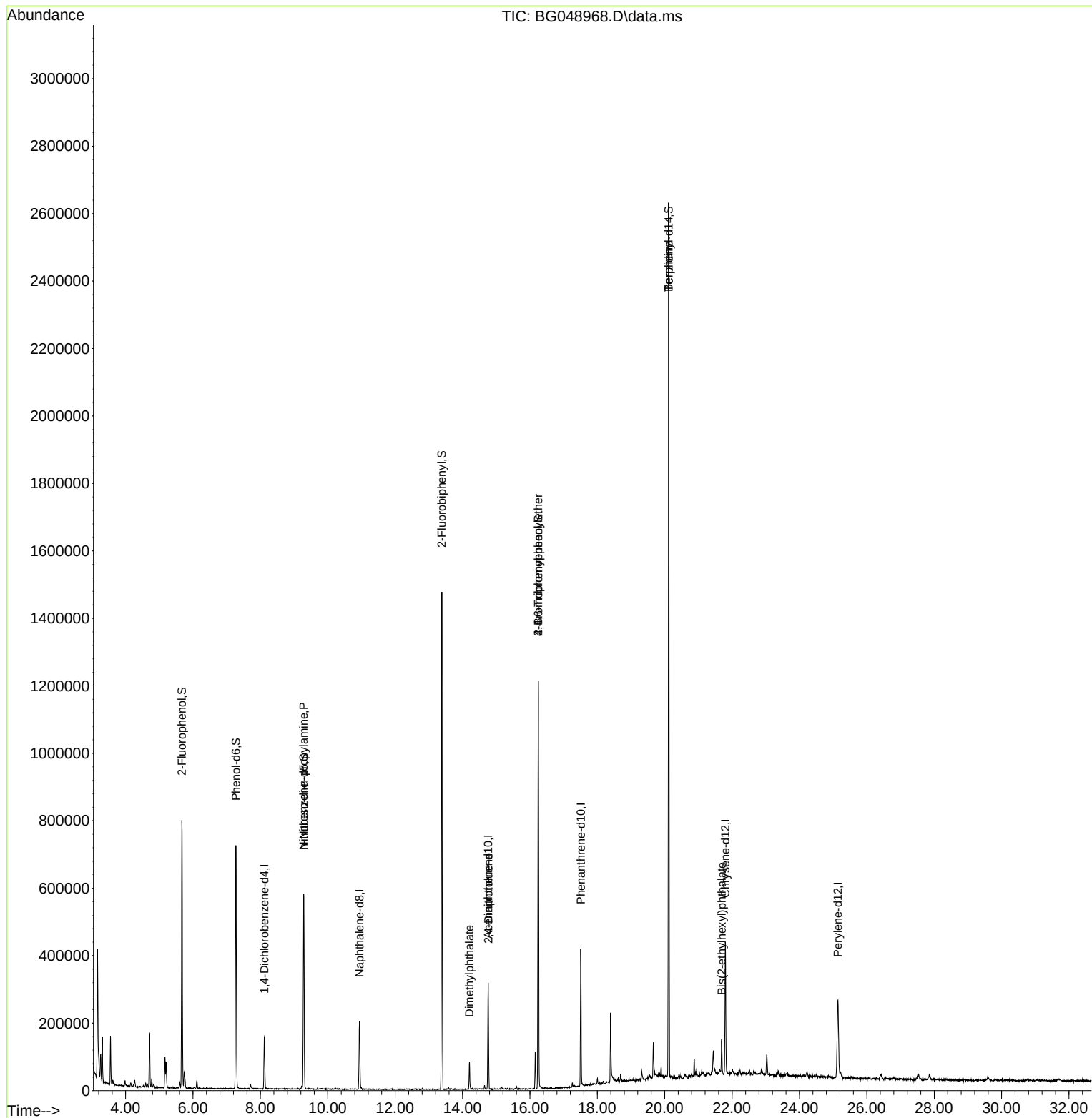
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	40050	20.00	ng	# 0.00
21) Naphthalene-d8	10.941	136	163005	20.00	ng	# 0.00
39) Acenaphthene-d10	14.760	164	118190	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	253982	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	248756	20.00	ng	-0.02
86) Perylene-d12	25.136	264	257474	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	306521	119.14	ng	0.00
7) Phenol-d6	7.274	99	360576	93.51	ng	0.01
23) Nitrobenzene-d5	9.284	82	348478	92.18	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	237100	135.40	ng	0.00
45) 2-Fluorobiphenyl	13.385	172	725580	86.72	ng	0.00
79) Terphenyl-d14	20.118	244	1184537	87.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.284	70	51973	17.24	ng	# 72
50) Dimethylphthalate	14.207	163	47181	5.12	ng	98
57) 2,4-Dinitrotoluene	14.765	165	15427	6.70	ng	# 17
67) 4-Bromophenyl-phenylether	16.246	248	15416	4.86	ng	# 1
77) Benzidine	20.118	184	24865	4.96	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.693	149	37995	3.91	ng	# 93

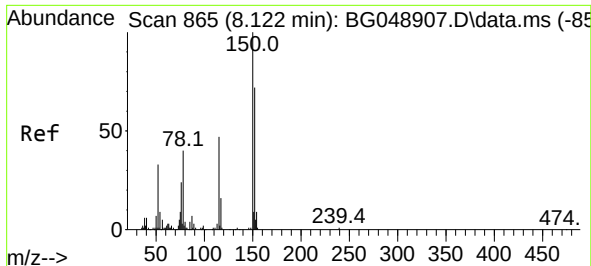
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

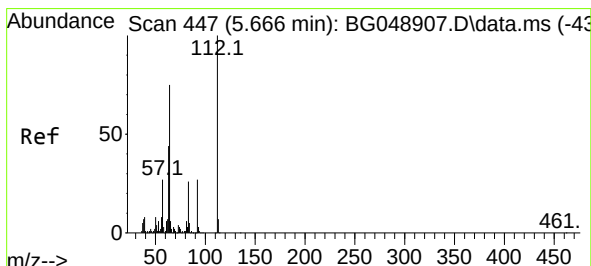
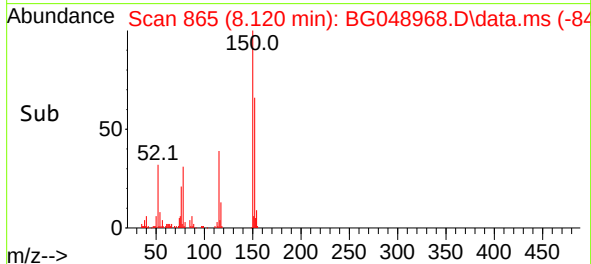
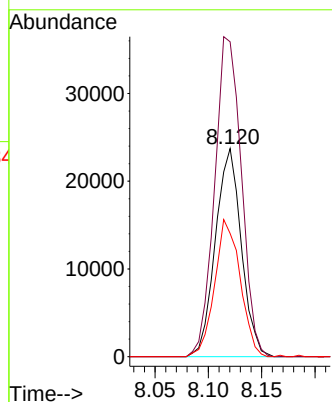
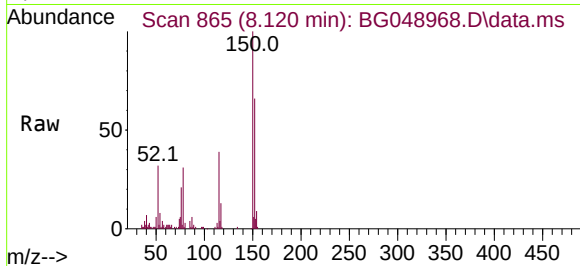




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.120 min Scan# 865
Delta R.T. -0.002 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

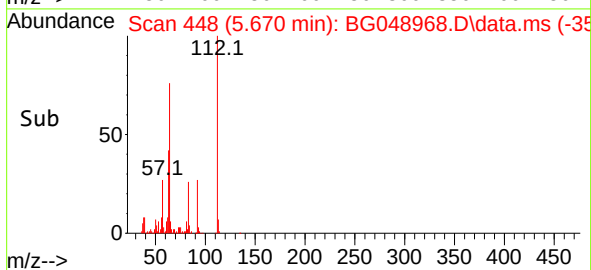
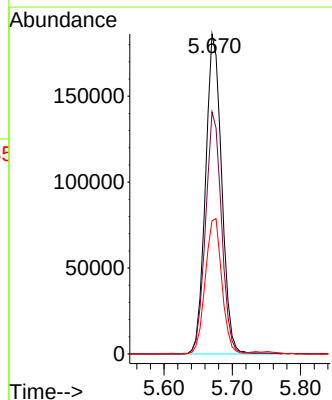
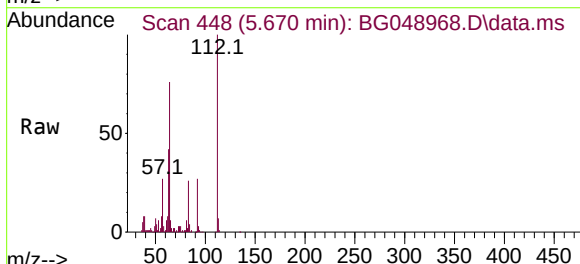
Instrument :
BNA_G
ClientSampleId :
17-B6(96-100)

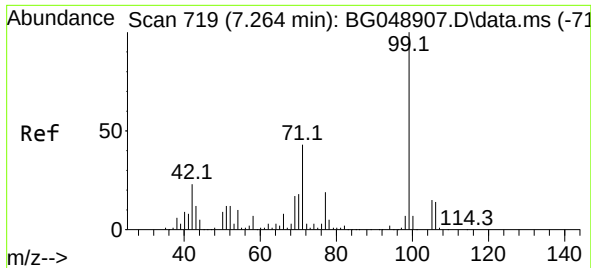
Tgt Ion:152 Resp: 40050
Ion Ratio Lower Upper
152 100
150 151.3 119.4 179.0
115 59.2 60.2 90.4#



#5
2-Fluorophenol
Concen: 119.14 ng
RT: 5.670 min Scan# 448
Delta R.T. 0.004 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

Tgt Ion:112 Resp: 306521
Ion Ratio Lower Upper
112 100
64 75.7 46.7 70.1#
63 41.6 35.3 52.9

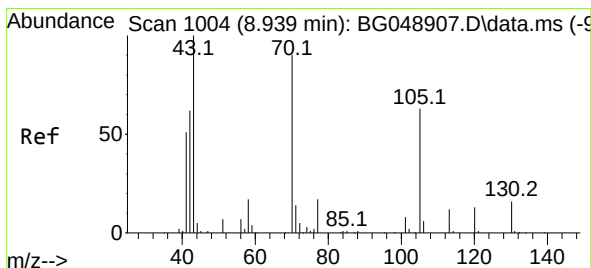
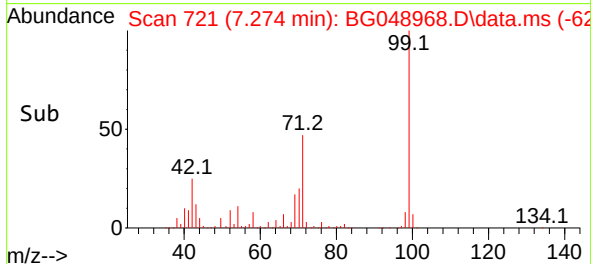
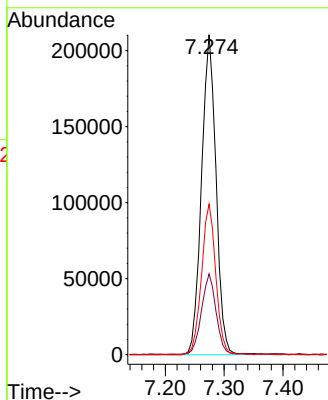
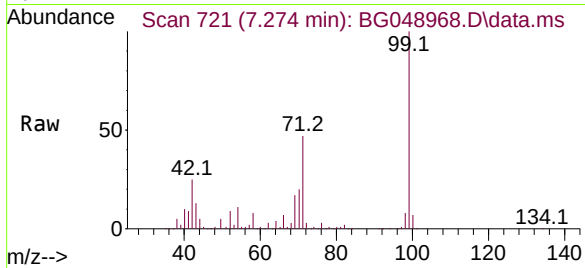




#7
Phenol-d6
Concen: 93.51 ng
RT: 7.274 min Scan# 721
Delta R.T. 0.010 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

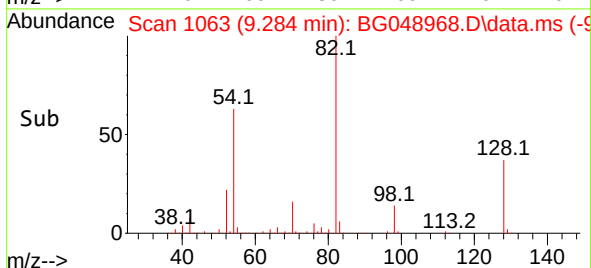
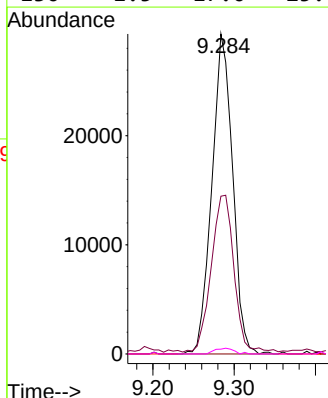
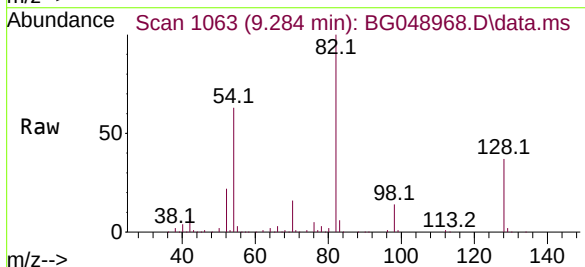
Instrument :
BNA_G
ClientSampleId :
17-B6(96-100)

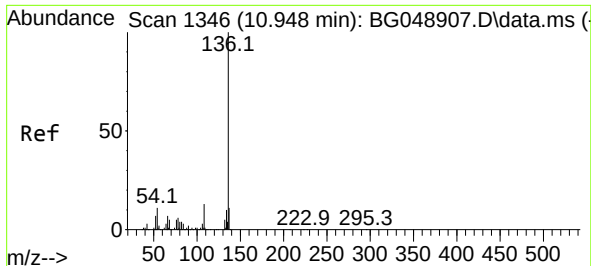
Tgt Ion: 99 Resp: 360576
Ion Ratio Lower Upper
99 100
42 25.3 20.5 30.7
71 47.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.24 ng
RT: 9.284 min Scan# 1063
Delta R.T. 0.345 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

Tgt Ion: 70 Resp: 51973
Ion Ratio Lower Upper
70 100
42 49.3 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#

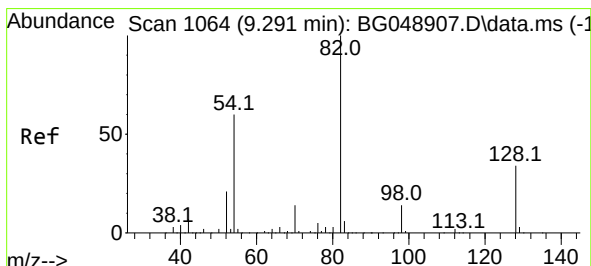
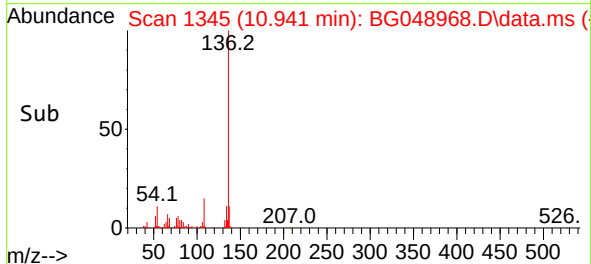
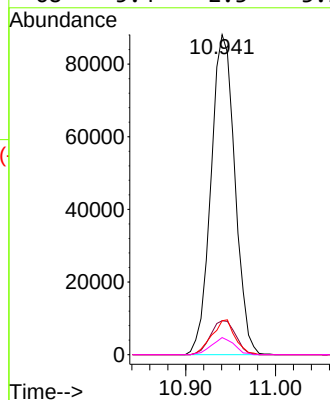
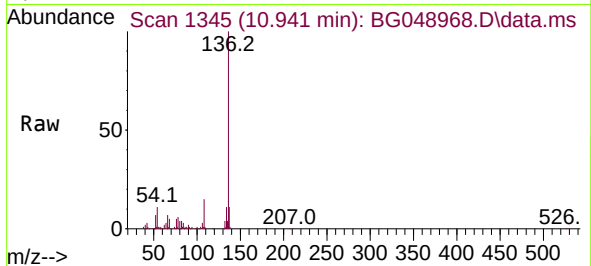




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.941 min Scan# 1345
Delta R.T. -0.007 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

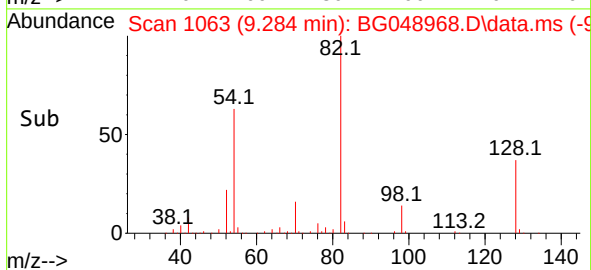
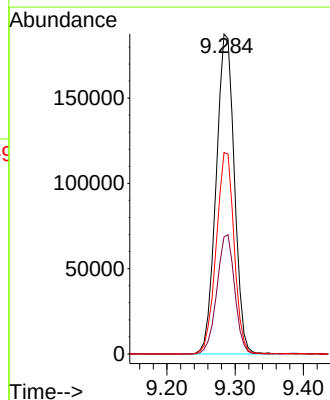
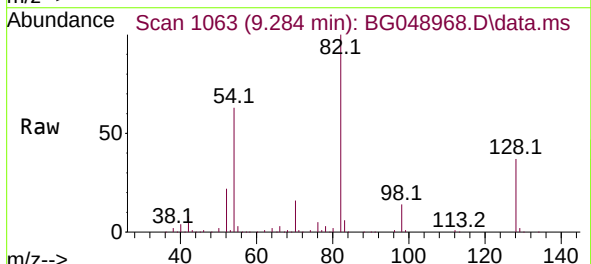
Instrument :
BNA_G
ClientSampleId :
17-B6(96-100)

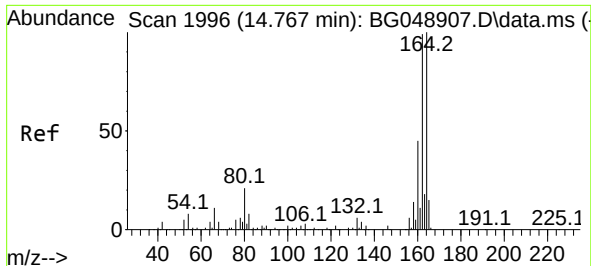
Tgt Ion:	136	Resp:	163005
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.2	12.2
54	10.6	5.5	8.3#
68	5.4	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 92.18 ng
RT: 9.284 min Scan# 1063
Delta R.T. -0.007 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

Tgt Ion:	82	Resp:	348478
Ion Ratio	Lower	Upper	
82	100		
128	36.6	29.8	44.6
54	62.9	45.8	68.8

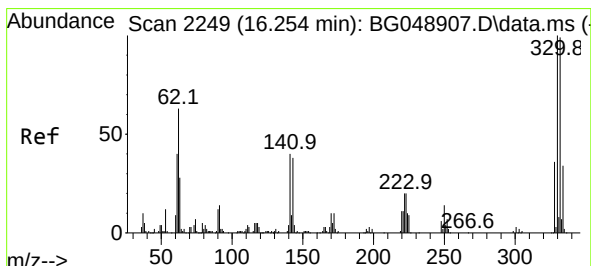
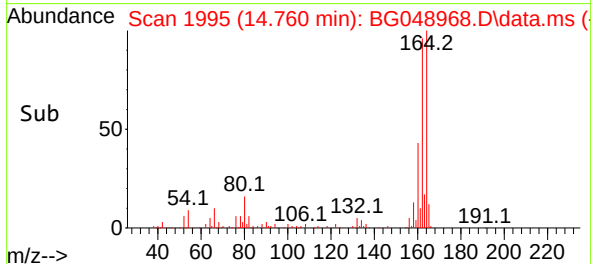
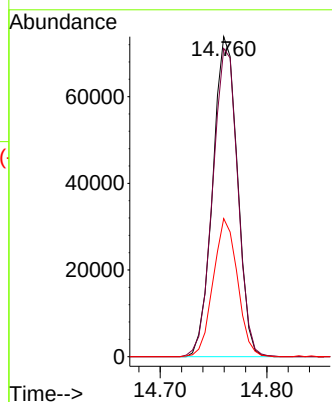
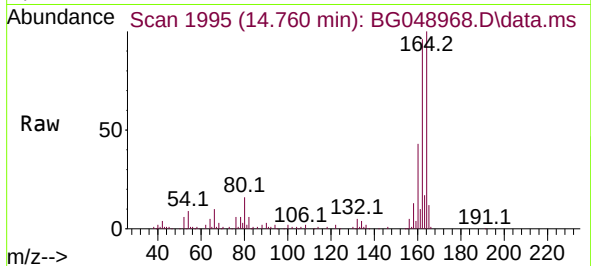




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.760 min Scan# 1995
Delta R.T. -0.007 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

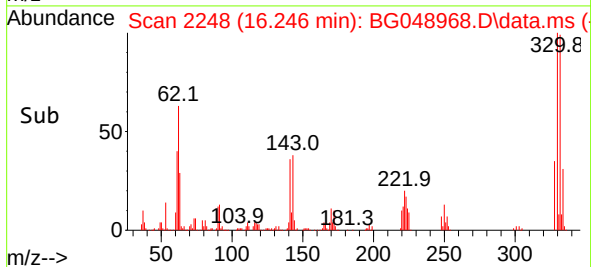
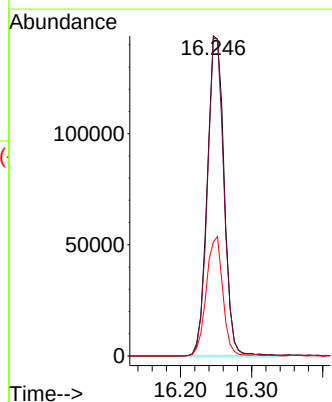
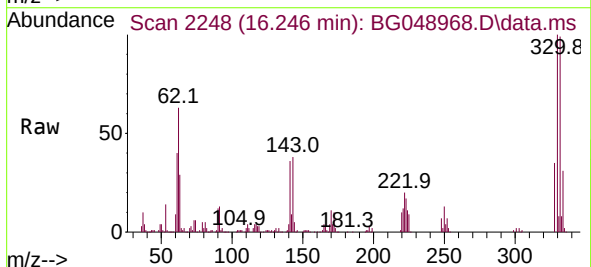
Instrument :
BNA_G
ClientSampleId :
17-B6(96-100)

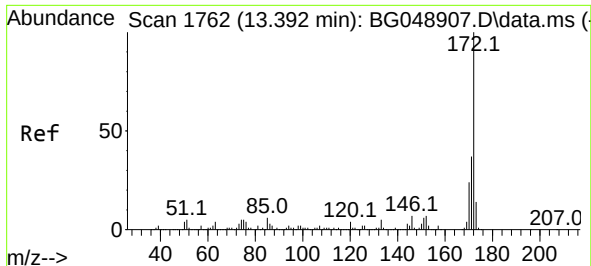
Tgt Ion:164 Resp: 118190
Ion Ratio Lower Upper
164 100
162 96.3 81.4 122.0
160 43.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 135.40 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.008 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

Tgt Ion:330 Resp: 237100
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 36.9 35.6 53.4

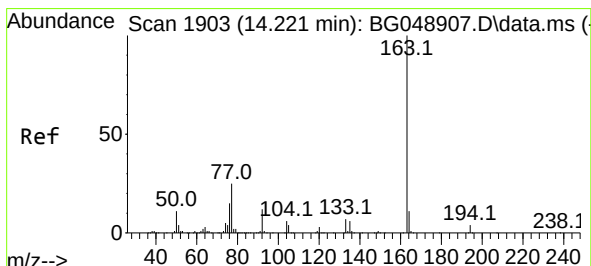
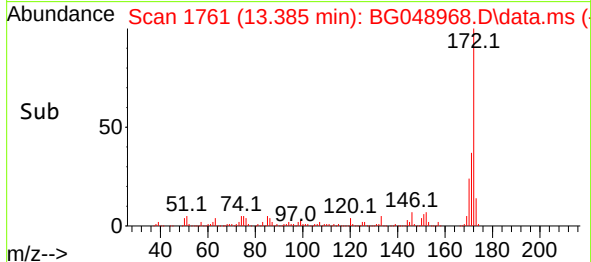
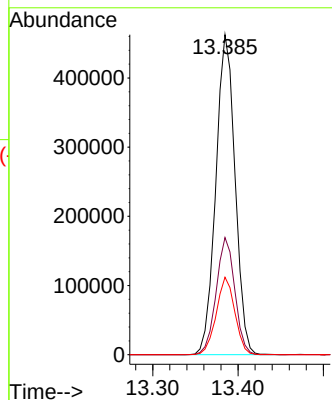
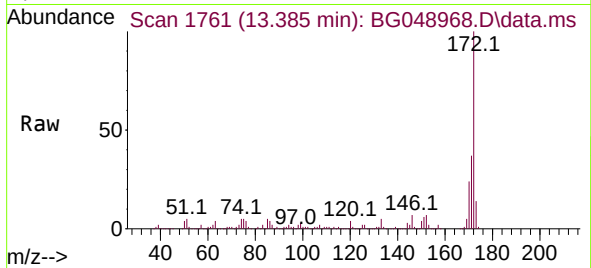




#45
2-Fluorobiphenyl
Concen: 86.72 ng
RT: 13.385 min Scan# 1761
Delta R.T. -0.007 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

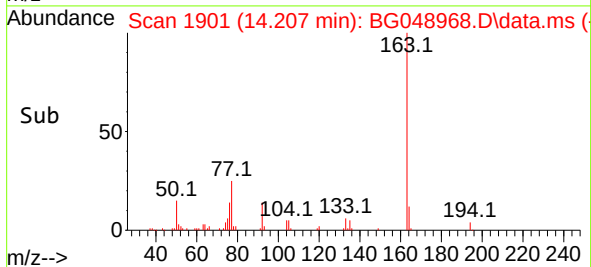
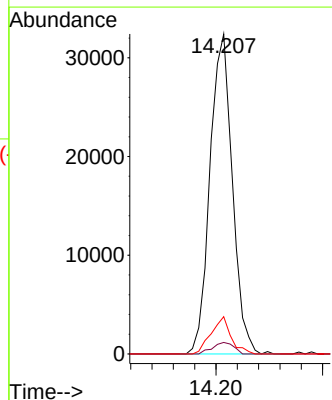
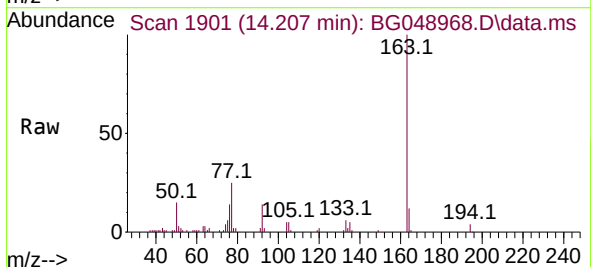
Instrument :
BNA_G
ClientSampled :
17-B6(96-100)

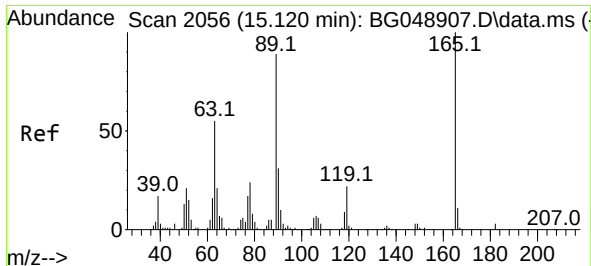
Tgt Ion:172 Resp: 725580
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.2 18.6 27.8



#50
Dimethylphthalate
Concen: 5.12 ng
RT: 14.207 min Scan# 1901
Delta R.T. -0.014 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

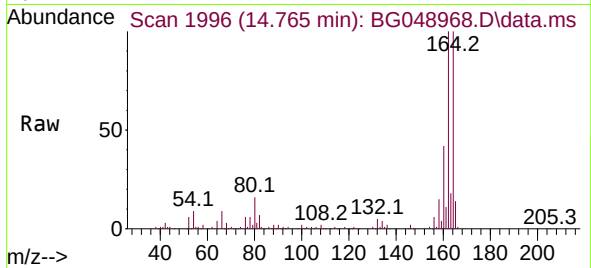
Tgt Ion:163 Resp: 47181
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 11.6 8.6 12.8



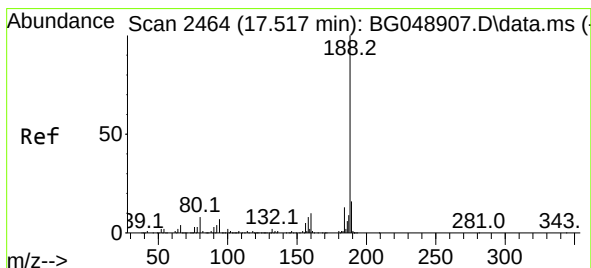
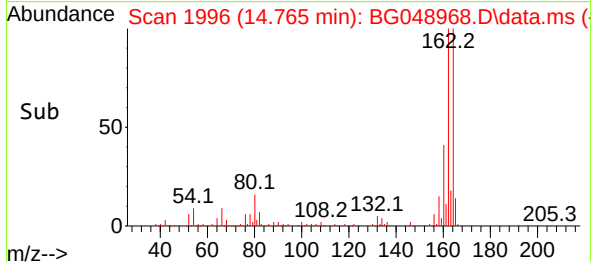
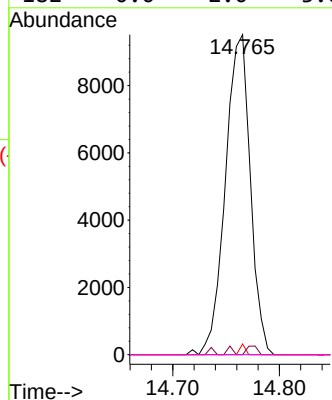


#57
2,4-Dinitrotoluene
Concen: 6.70 ng
RT: 14.765 min Scan# 1996
Delta R.T. -0.354 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

Instrument :
BNA_G
ClientSampleId :
17-B6(96-100)

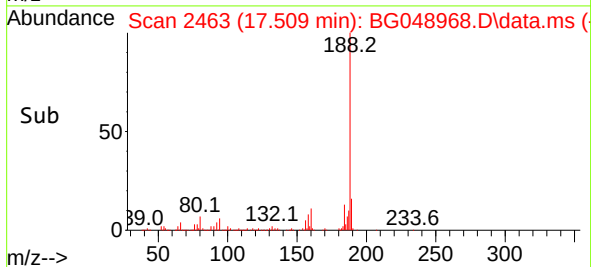
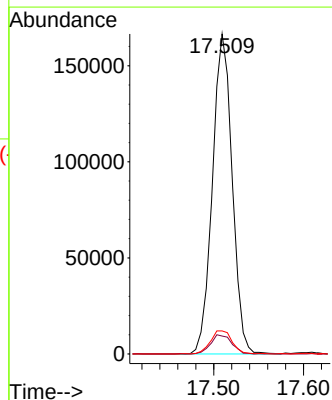
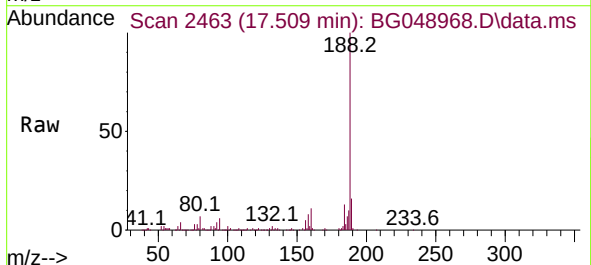


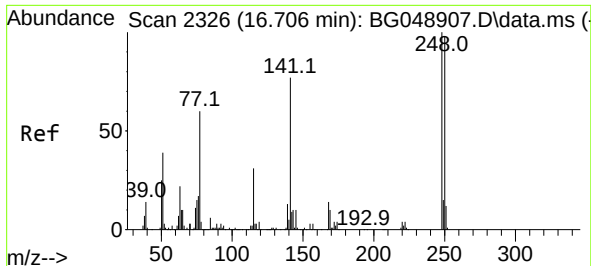
Tgt Ion:165 Resp: 15427
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.4 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2463
Delta R.T. -0.008 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

Tgt Ion:188 Resp: 253982
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 7.2 3.7 5.5#

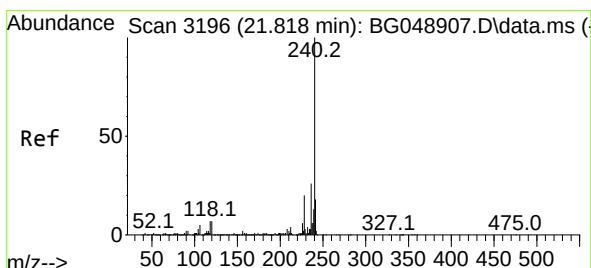
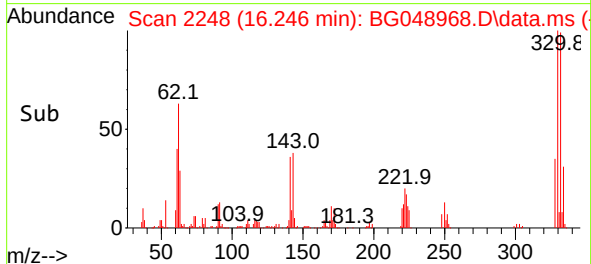
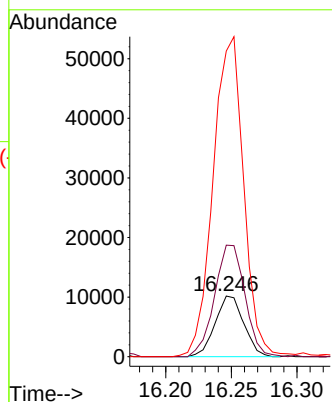
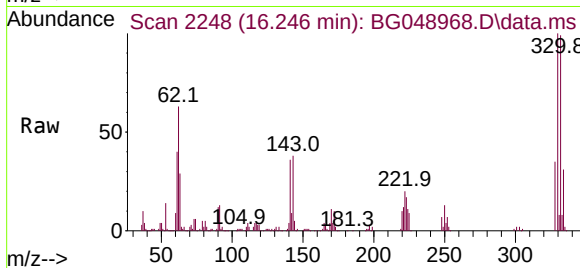




#67
4-Bromophenyl-phenylether
Concen: 4.86 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.460 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

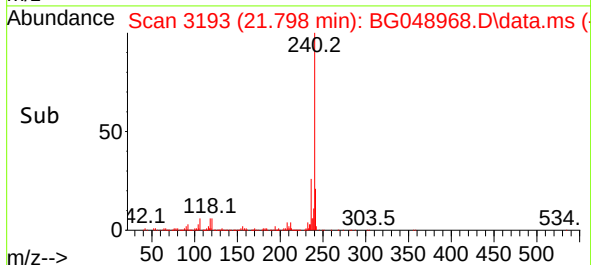
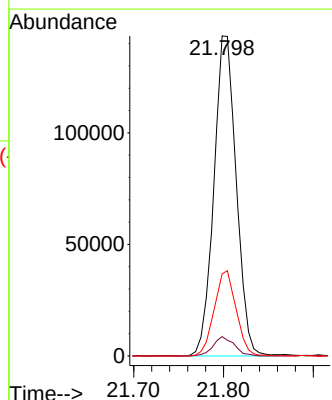
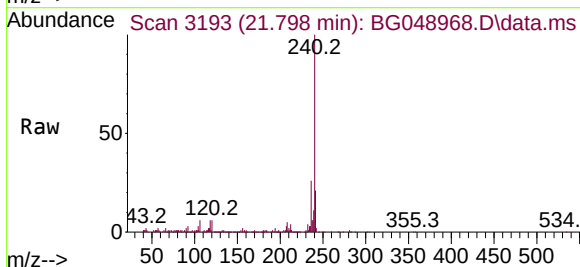
Instrument :
BNA_G
ClientSampleId :
17-B6(96-100)

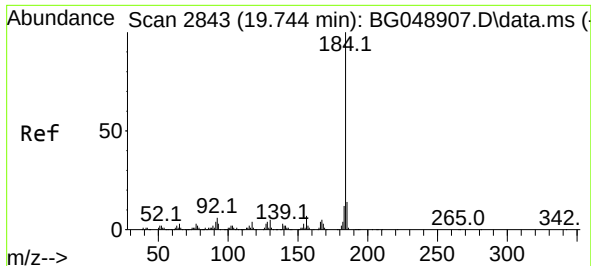
Tgt Ion:248 Resp: 15416
Ion Ratio Lower Upper
248 100
250 184.2 76.1 114.1#
141 504.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3193
Delta R.T. -0.019 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

Tgt Ion:240 Resp: 248756
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.2
236 25.6 21.8 32.6

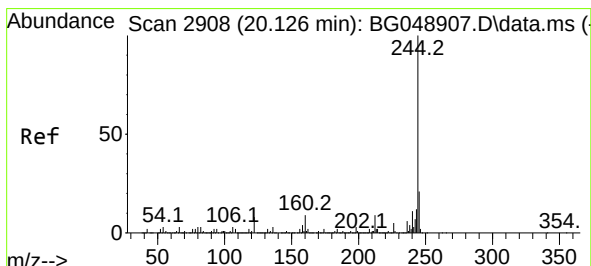
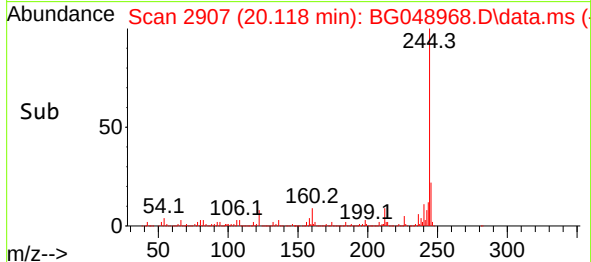
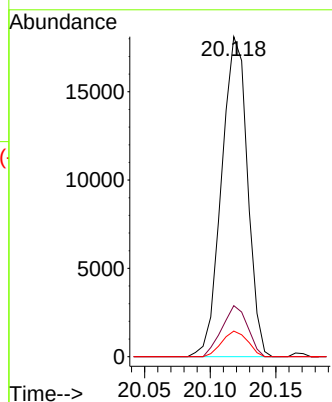
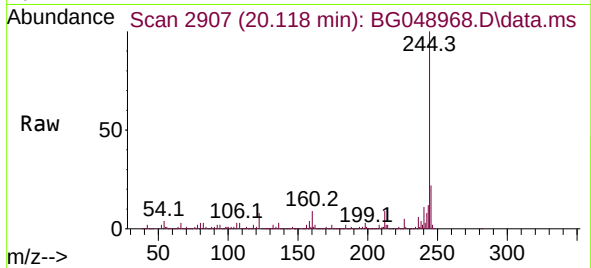




#77
Benzidine
Concen: 4.96 ng
RT: 20.118 min Scan# 2907
Delta R.T. 0.374 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

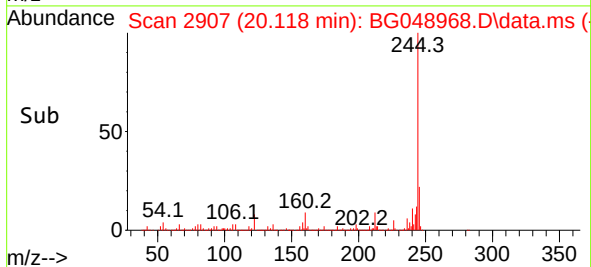
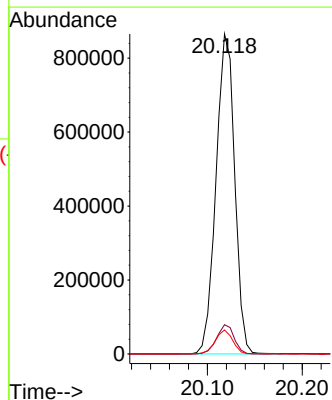
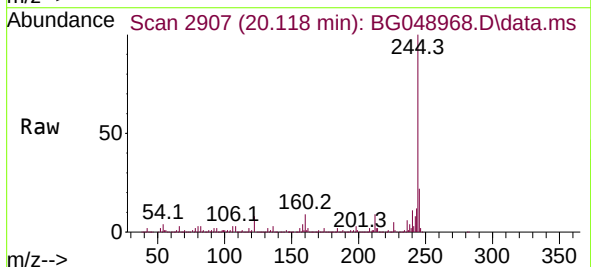
Instrument :
BNA_G
ClientSampleId :
17-B6(96-100)

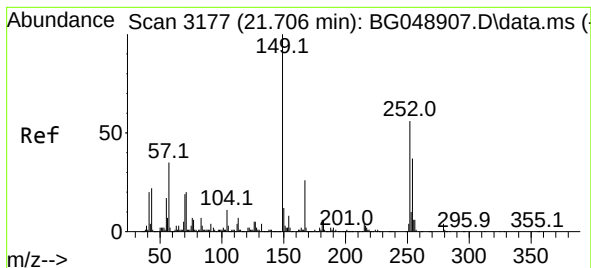
Tgt Ion:184 Resp: 24865
Ion Ratio Lower Upper
184 100
185 16.0 10.7 16.1
183 8.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 87.21 ng
RT: 20.118 min Scan# 2907
Delta R.T. -0.008 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

Tgt Ion:244 Resp: 1184537
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 7.5 5.0 7.6

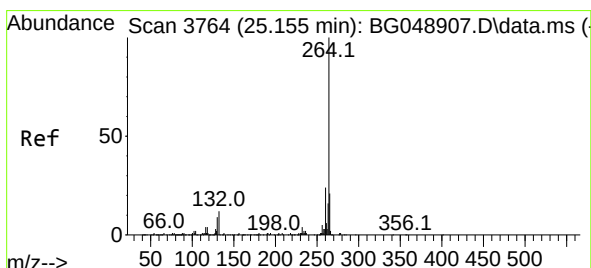
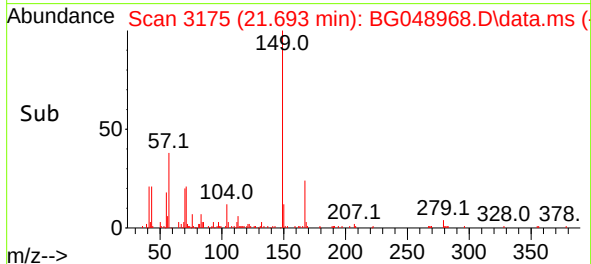
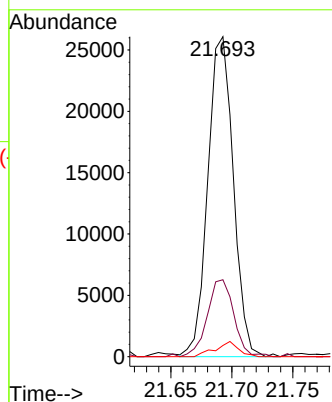
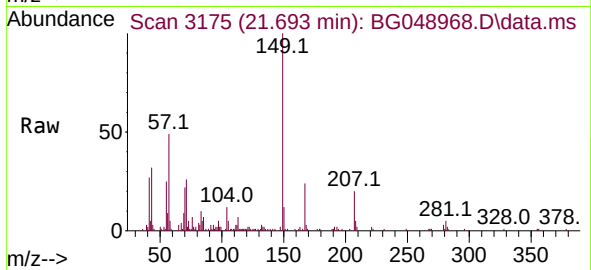




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.91 ng
RT: 21.693 min Scan# 3175
Delta R.T. -0.014 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

Instrument :
BNA_G
ClientSampleId :
17-B6(96-100)

Tgt Ion:149 Resp: 37995
Ion Ratio Lower Upper
149 100
167 24.1 22.3 33.5
279 3.5 3.8 5.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.136 min Scan# 3761
Delta R.T. -0.019 min
Lab File: BG048968.D
Acq: 15 Jun 2021 6:30

Tgt Ion:264 Resp: 257474
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 22.6 16.9 25.3

