

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048936.D
 Acq On : 13 Jun 2021 10:27
 Operator : CG/JU
 Sample : M2625-36
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(198-202)

Quant Time: Jun 14 03:19:41 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)

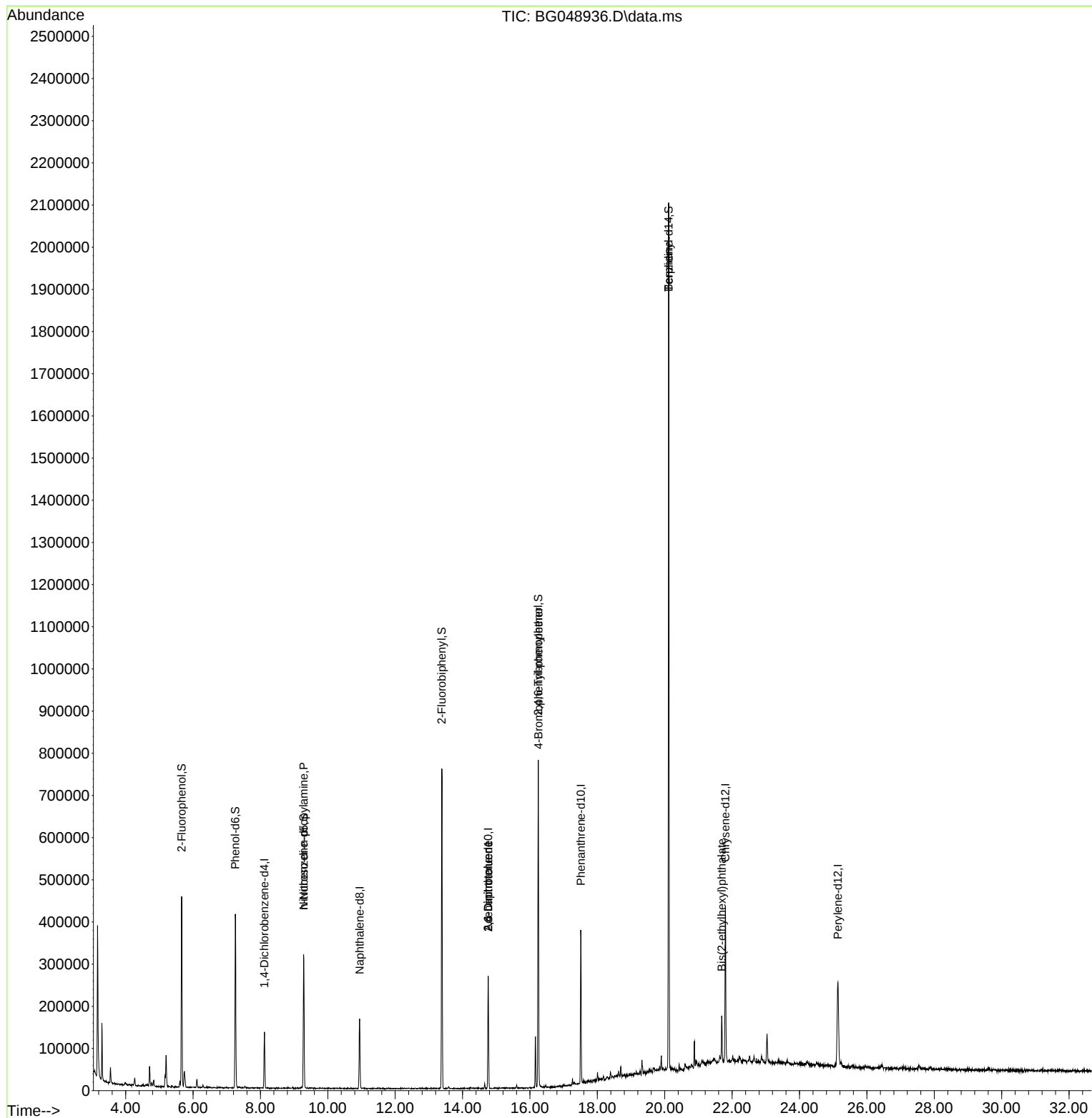
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	32413	20.00	ng	0.00
21) Naphthalene-d8	10.946	136	130808	20.00	ng	# 0.00
39) Acenaphthene-d10	14.759	164	94859	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	232861	20.00	ng	# 0.00
76) Chrysene-d12	21.804	240	234917	20.00	ng	-0.01
86) Perylene-d12	25.135	264	227000	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	171175	82.21	ng	0.00
7) Phenol-d6	7.256	99	209962	67.28	ng	0.00
23) Nitrobenzene-d5	9.283	82	186841	61.59	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	141318	100.55	ng	0.00
45) 2-Fluorobiphenyl	13.384	172	393611	58.62	ng	0.00
79) Terphenyl-d14	20.117	244	925786	72.17	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.283	70	27288	11.19	ng	# 75
51) 2,6-Dinitrotoluene	14.759	165	12777	8.49	ng	# 11
57) 2,4-Dinitrotoluene	14.759	165	12777	6.91	ng	# 16
67) 4-Bromophenyl-phenylether	16.251	248	8717	3.00	ng	# 1
77) Benzidine	20.117	184	19179	4.05	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.692	149	42142	4.60	ng	92

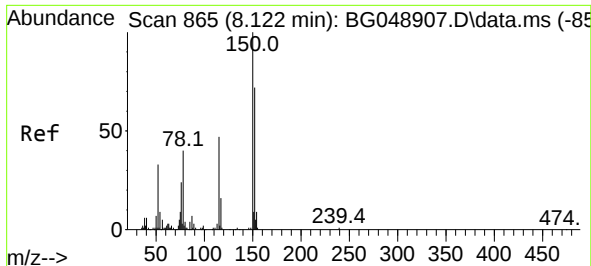
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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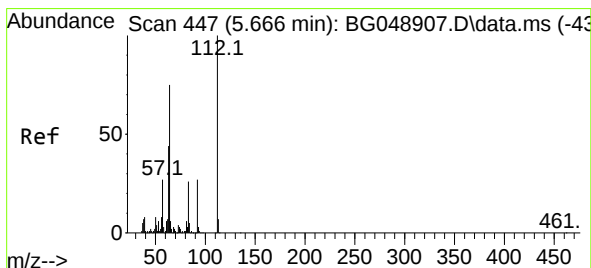
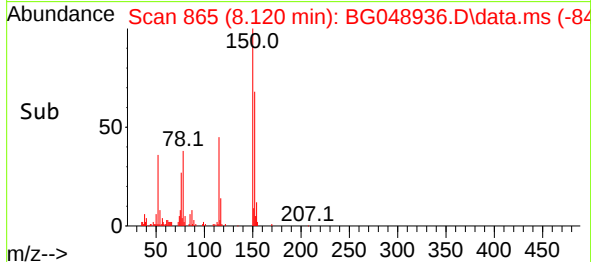
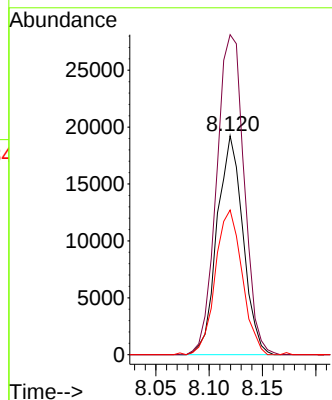
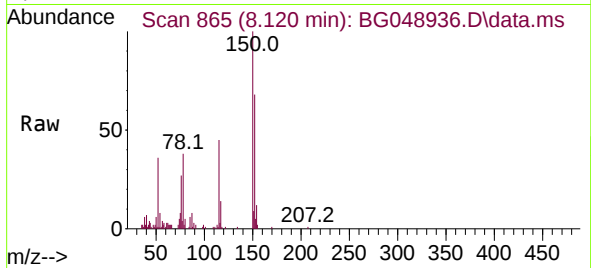




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.120 min Scan# 865
 Delta R.T. -0.002 min
 Lab File: BG048936.D
 Acq: 13 Jun 2021 10:27

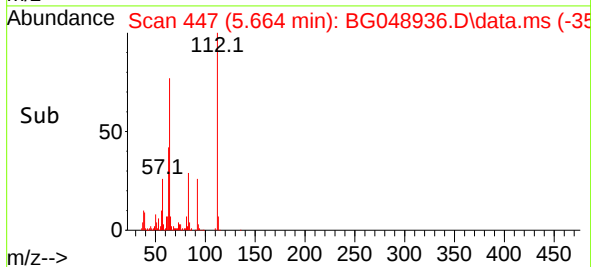
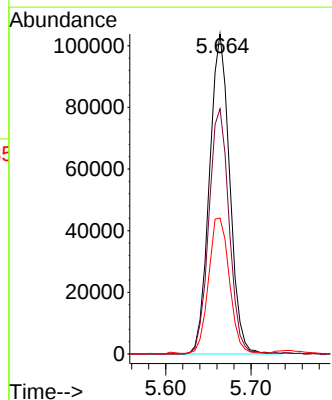
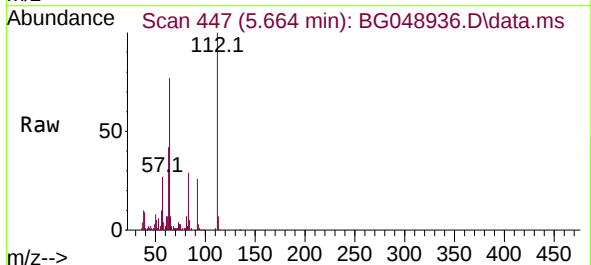
Instrument :
 BNA_G
 ClientSampleId :
 18-B12(198-202)

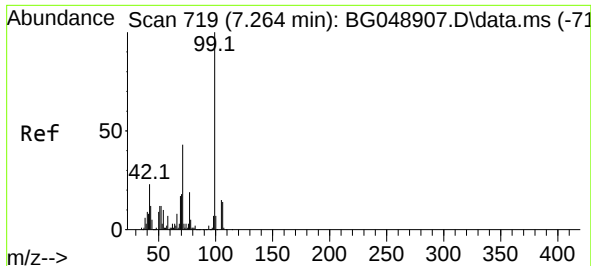
Tgt Ion:152 Resp: 32413
 Ion Ratio Lower Upper
 152 100
 150 146.2 119.4 179.0
 115 66.0 60.2 90.4



#5
 2-Fluorophenol
 Concen: 82.21 ng
 RT: 5.664 min Scan# 447
 Delta R.T. -0.002 min
 Lab File: BG048936.D
 Acq: 13 Jun 2021 10:27

Tgt Ion:112 Resp: 171175
 Ion Ratio Lower Upper
 112 100
 64 76.6 46.7 70.1#
 63 42.4 35.3 52.9

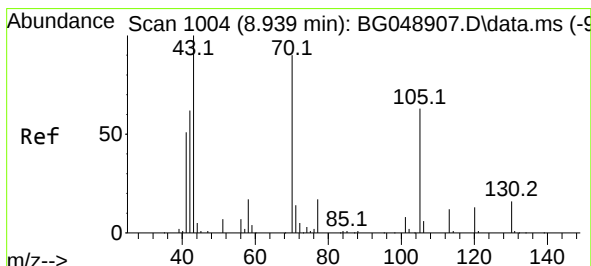
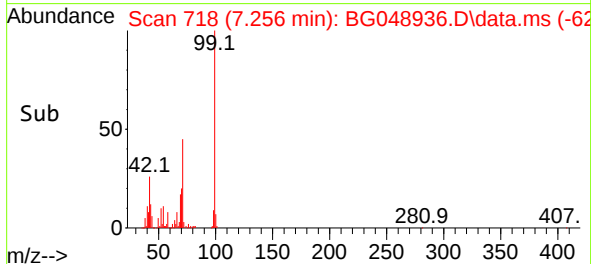
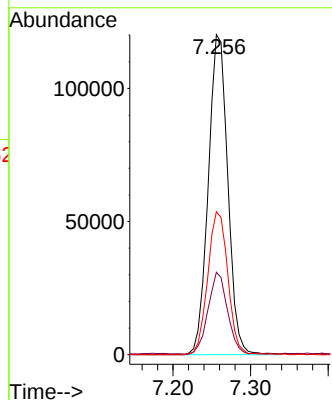
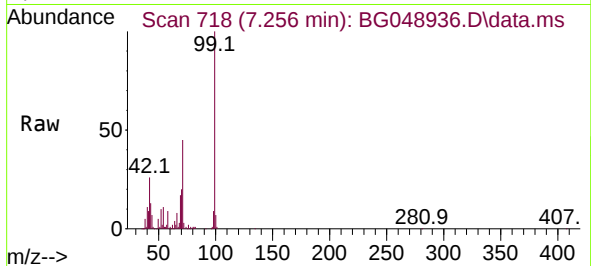




#7
Phenol-d6
Concen: 67.28 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.008 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

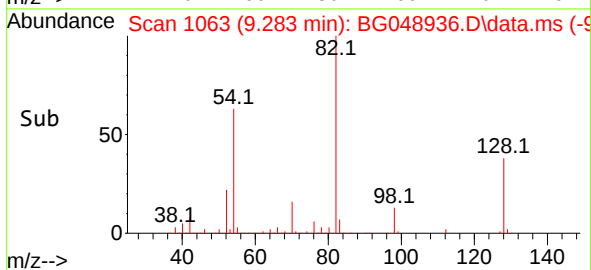
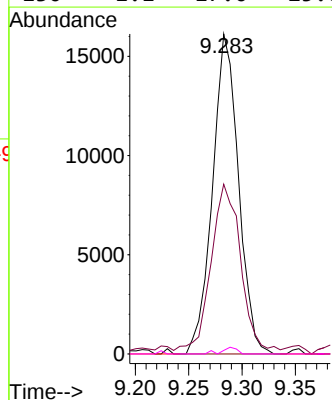
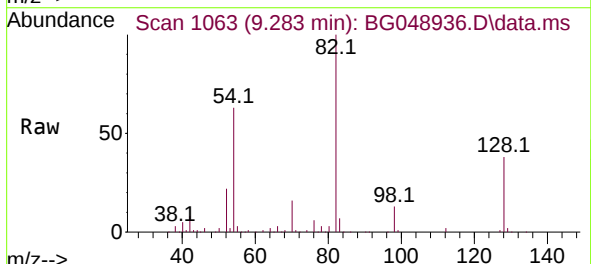
Instrument :
BNA_G
ClientSampleId :
18-B12(198-202)

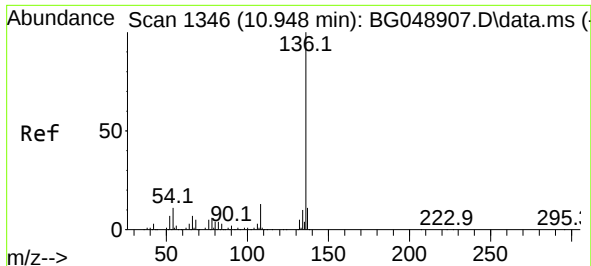
Tgt Ion: 99 Resp: 209962
Ion Ratio Lower Upper
99 100
42 25.8 20.5 30.7
71 44.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.19 ng
RT: 9.283 min Scan# 1063
Delta R.T. 0.344 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

Tgt Ion: 70 Resp: 27288
Ion Ratio Lower Upper
70 100
42 53.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.1 17.0 25.6#

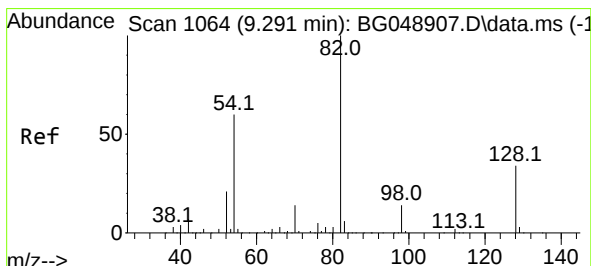
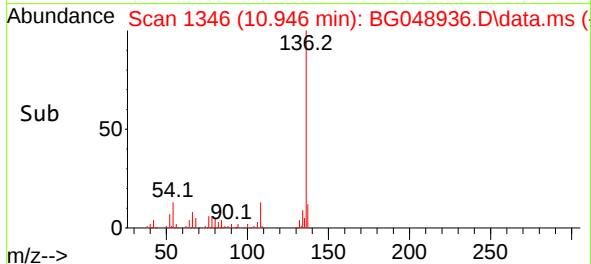
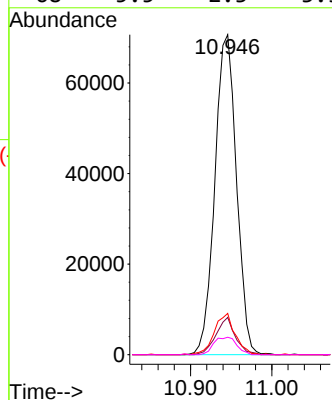
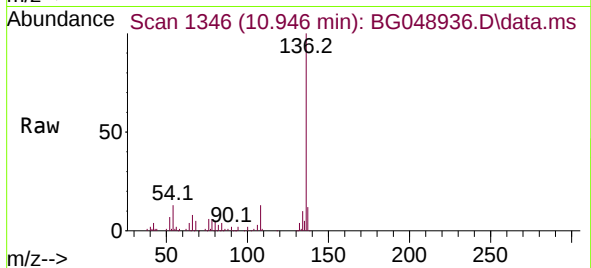




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.946 min Scan# 1346
Delta R.T. -0.002 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

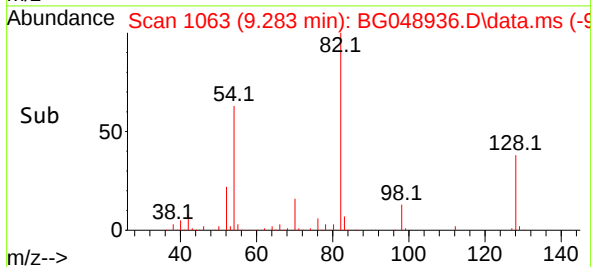
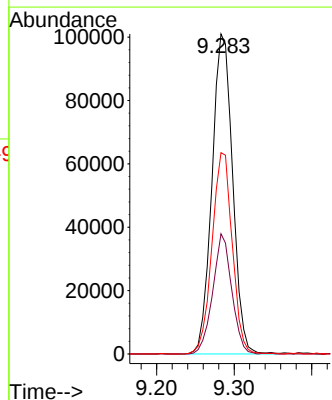
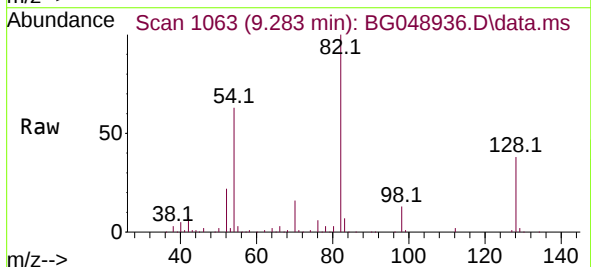
Instrument :
BNA_G
ClientSampleId :
18-B12(198-202)

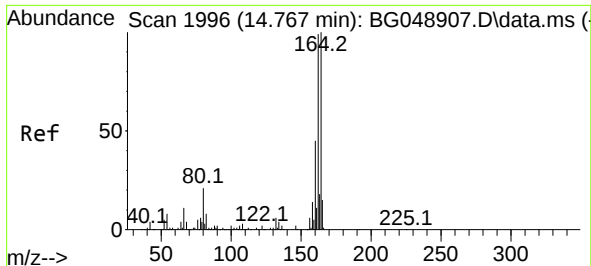
Tgt Ion:136	Resp:	130808
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.2 12.2
54	12.9	5.5 8.3#
68	5.5	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 61.59 ng
RT: 9.283 min Scan# 1063
Delta R.T. -0.008 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

Tgt Ion: 82	Resp:	186841
Ion Ratio	Lower	Upper
82	100	
128	37.5	29.8 44.6
54	62.9	45.8 68.8

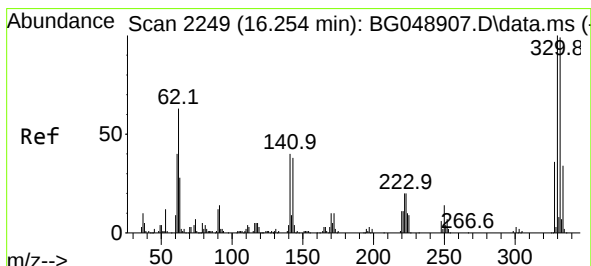
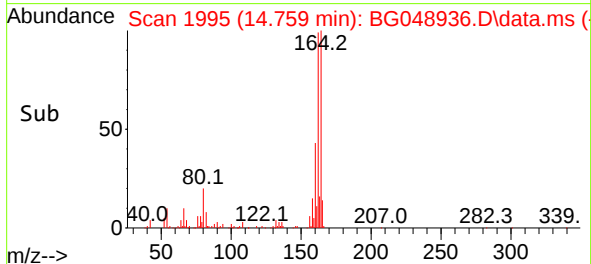
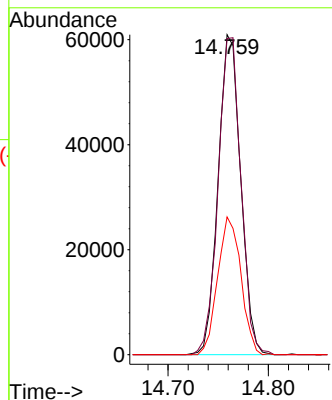
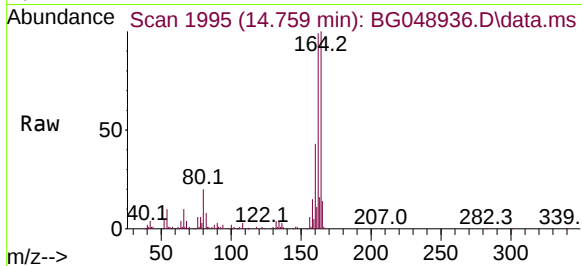




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.008 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

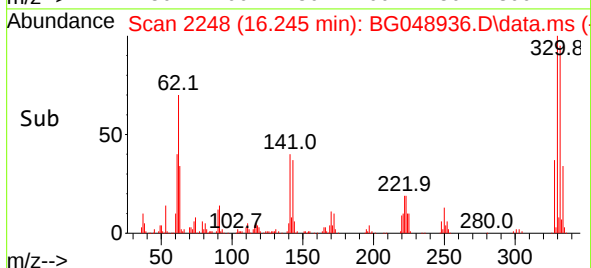
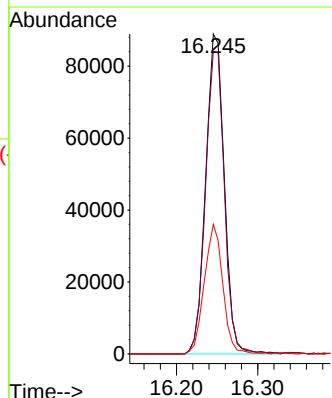
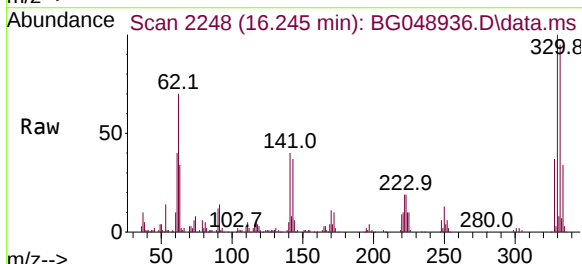
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18-B12(198-202)

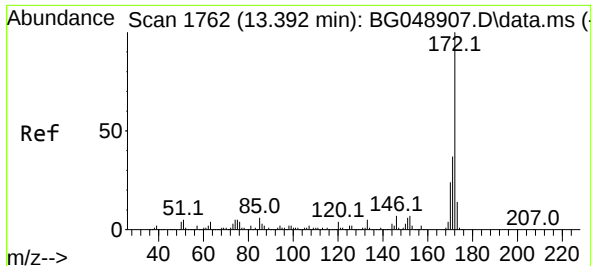
Tgt Ion:164 Resp: 94859
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.0
160 43.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 100.55 ng
RT: 16.245 min Scan# 2248
Delta R.T. -0.009 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

Tgt Ion:330 Resp: 141318
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 40.3 35.6 53.4

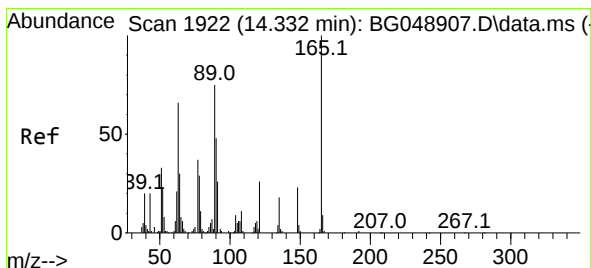
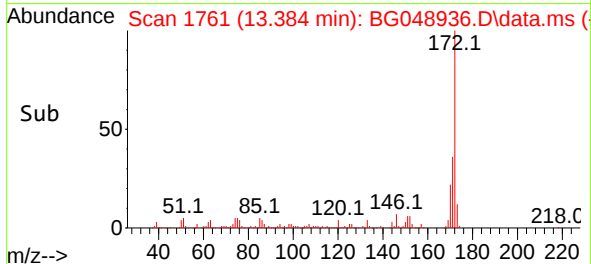
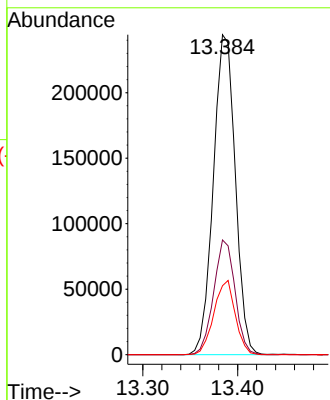
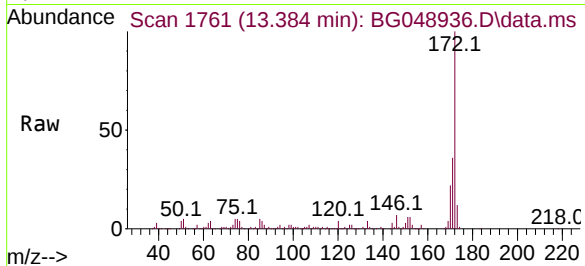




#45
2-Fluorobiphenyl
Concen: 58.62 ng
RT: 13.384 min Scan# 1761
Delta R.T. -0.008 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

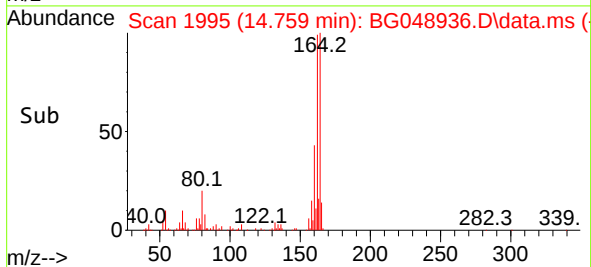
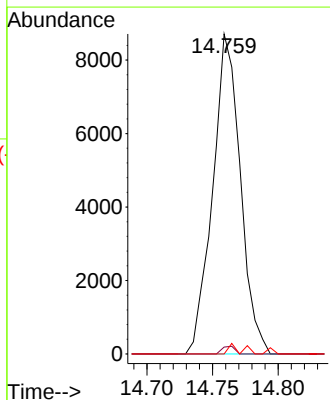
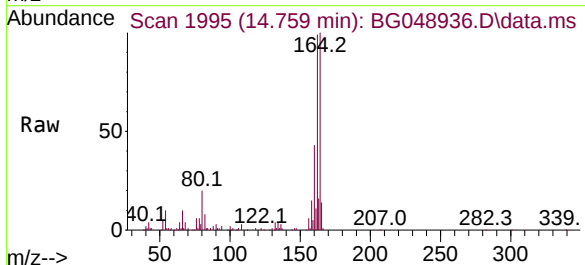
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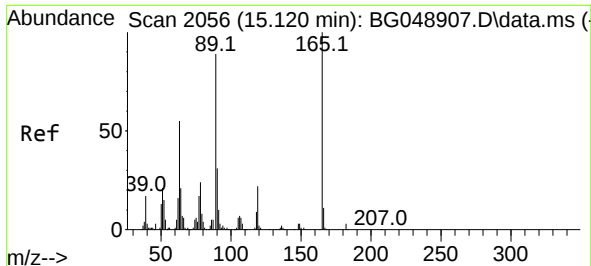
Tgt Ion:172 Resp: 393611
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 21.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 14.759 min Scan# 1995
Delta R.T. 0.426 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

Tgt Ion:165 Resp: 12777
Ion Ratio Lower Upper
165 100
63 2.1 63.3 94.9#
89 0.0 63.4 95.0#

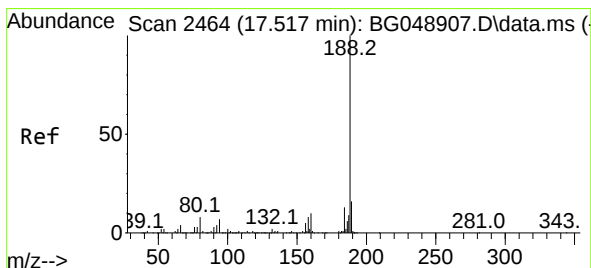
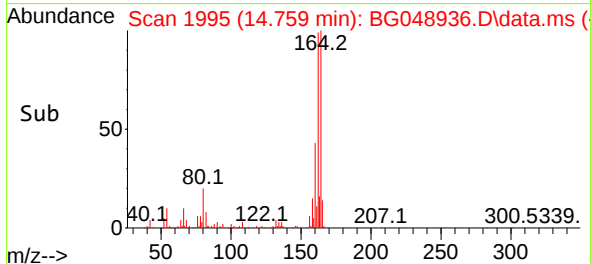
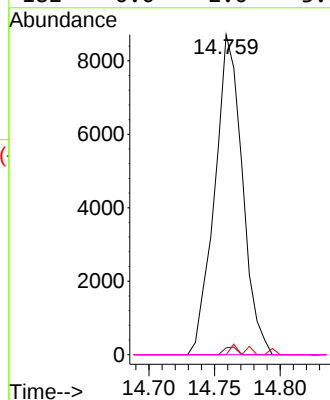
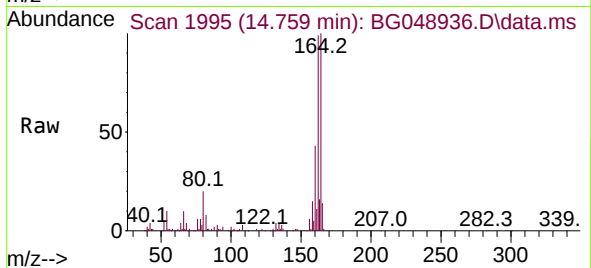




#57
2,4-Dinitrotoluene
Concen: 6.91 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.361 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

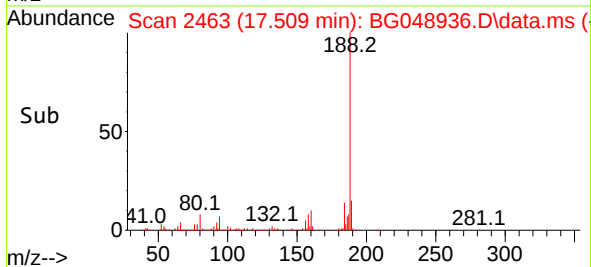
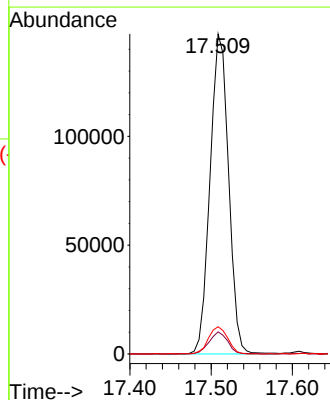
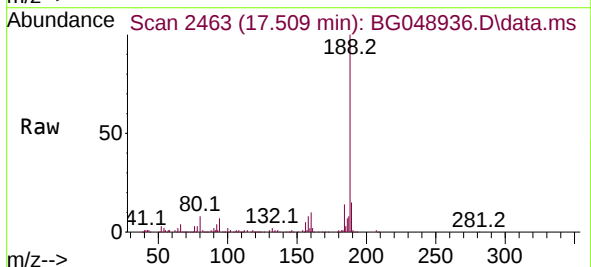
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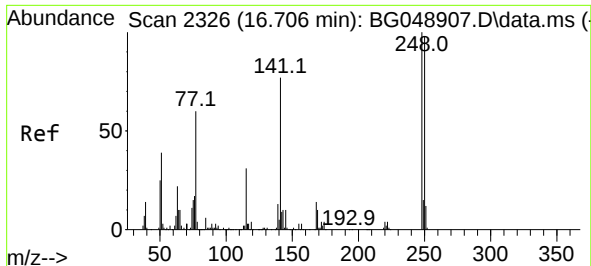
Tgt Ion:	165	Resp:	12777
Ion Ratio	Lower	Upper	
165	100		
63	2.1	48.0	72.0#
89	0.0	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2463
Delta R.T. -0.008 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

Tgt Ion:	188	Resp:	232861
Ion Ratio	Lower	Upper	
188	100		
94	6.9	5.4	8.0
80	8.5	3.7	5.5#

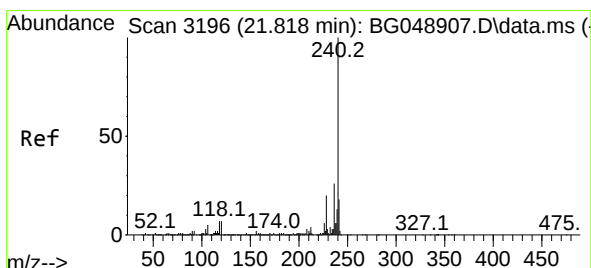
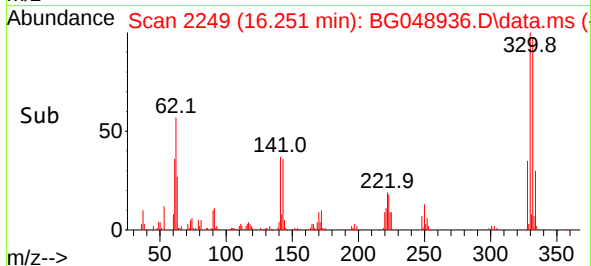
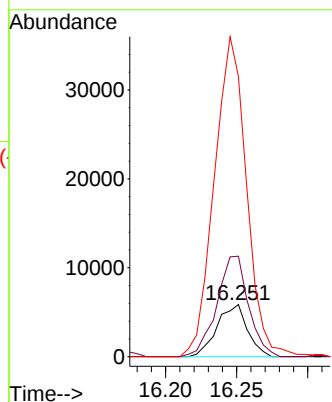
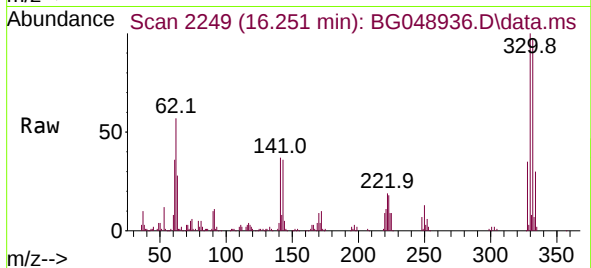




#67
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 16.251 min Scan# 2249
Delta R.T. -0.455 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

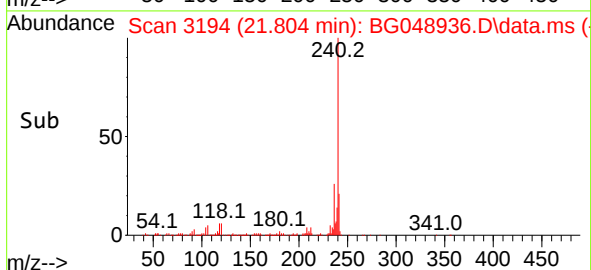
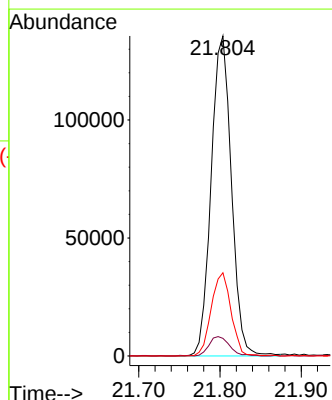
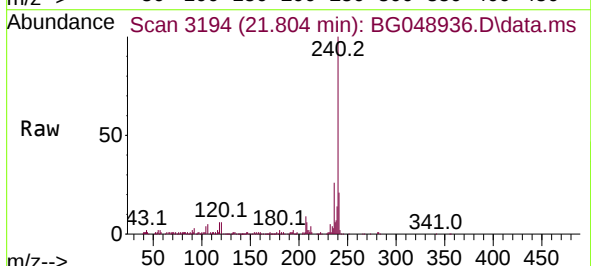
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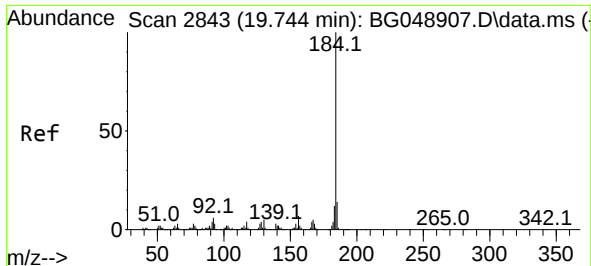
Tgt Ion:248 Resp: 8717
Ion Ratio Lower Upper
248 100
250 192.9 76.1 114.1#
141 537.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.804 min Scan# 3194
Delta R.T. -0.014 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

Tgt Ion:240 Resp: 234917
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 26.0 21.8 32.6

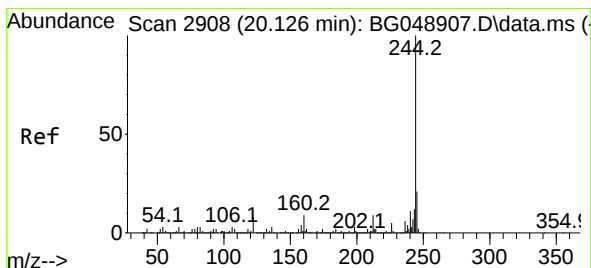
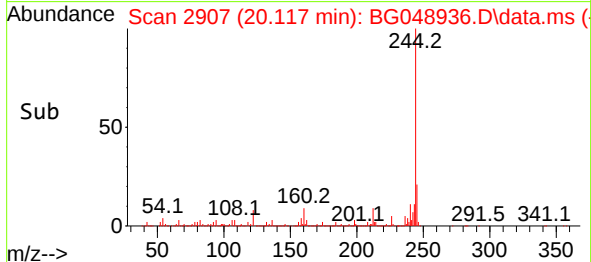
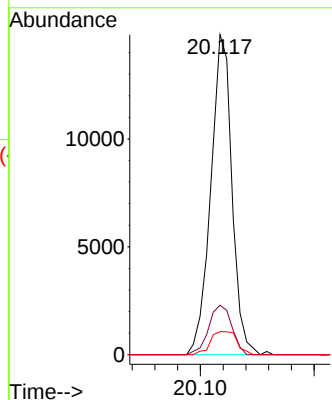
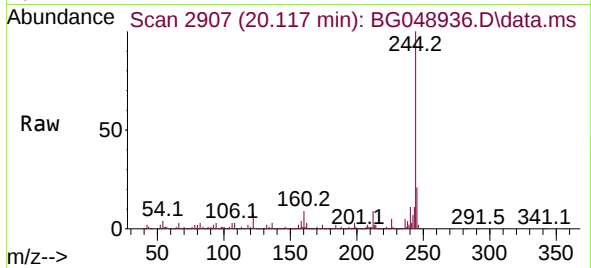




#77
Benzidine
Concen: 4.05 ng
RT: 20.117 min Scan# 2907
Delta R.T. 0.373 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

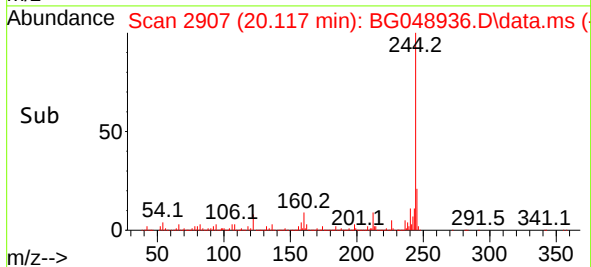
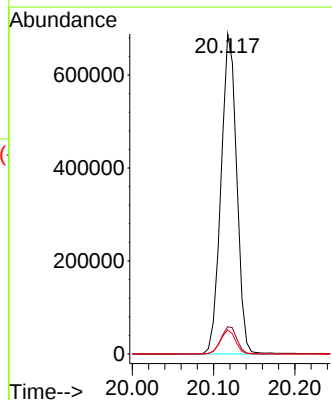
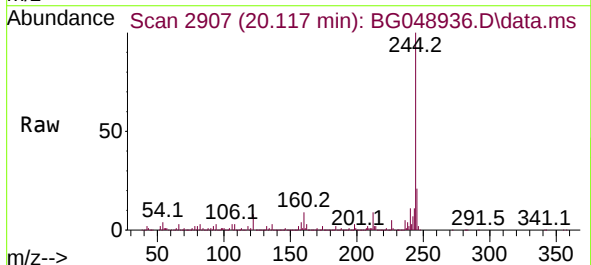
Instrument :
BNA_G
ClientSampleId :
18-B12(198-202)

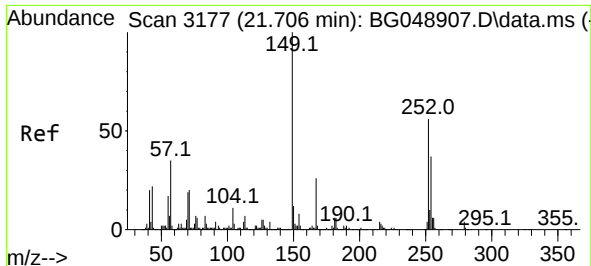
Tgt Ion:184 Resp: 19179
Ion Ratio Lower Upper
184 100
185 15.4 10.7 16.1
183 7.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 72.17 ng
RT: 20.117 min Scan# 2907
Delta R.T. -0.009 min
Lab File: BG048936.D
Acq: 13 Jun 2021 10:27

Tgt Ion:244 Resp: 925786
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 7.6 5.0 7.6#

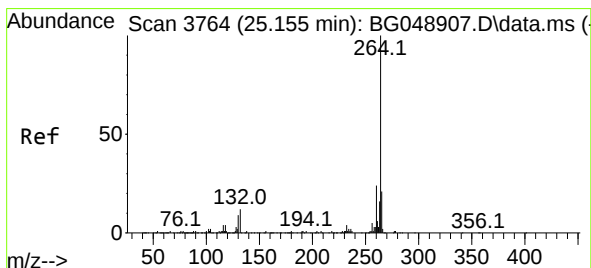
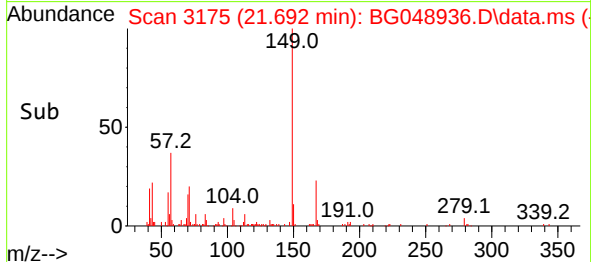
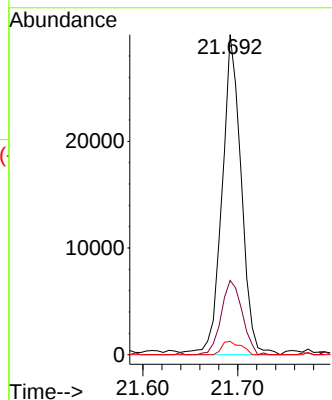
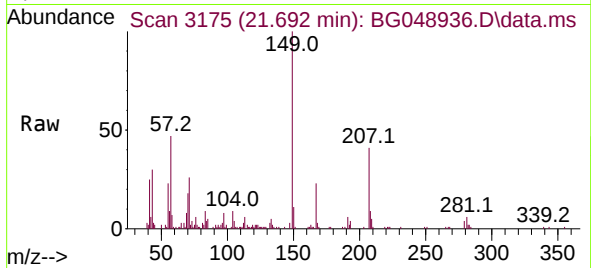




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.60 ng
 RT: 21.692 min Scan# 3175
 Delta R.T. -0.014 min
 Lab File: BG048936.D
 Acq: 13 Jun 2021 10:27

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(198-202)

Tgt Ion:149 Resp: 42142
 Ion Ratio Lower Upper
 149 100
 167 23.2 22.3 33.5
 279 4.2 3.8 5.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.135 min Scan# 3761
 Delta R.T. -0.020 min
 Lab File: BG048936.D
 Acq: 13 Jun 2021 10:27

Tgt Ion:264 Resp: 227000
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.5 16.9 25.3

