

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048924.D
 Acq On : 12 Jun 2021 22:50
 Operator : CG/JU
 Sample : M2625-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(158-162)

Quant Time: Jun 14 03:17:45 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)

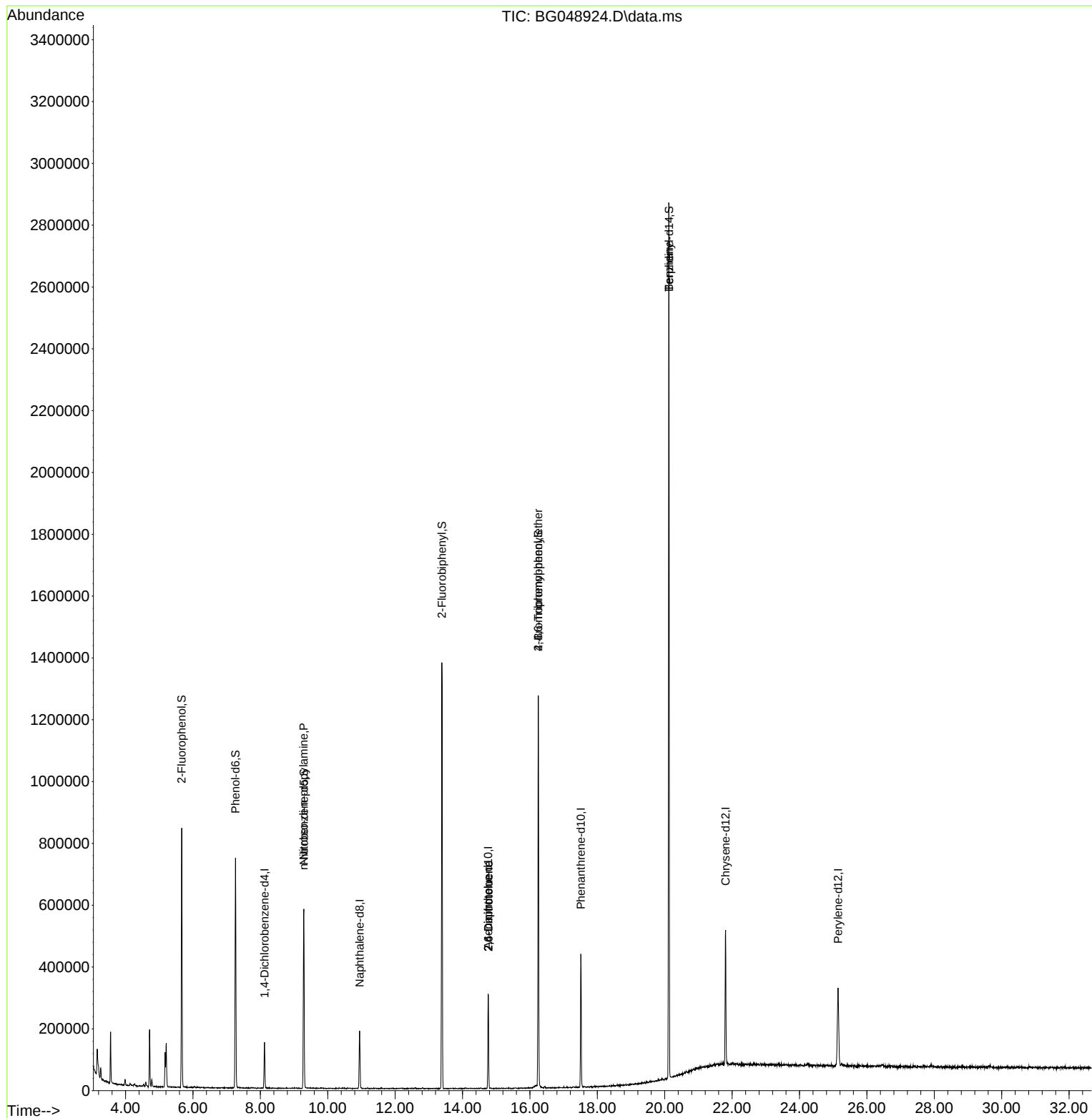
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	36857	20.00	ng	0.00
21) Naphthalene-d8	10.949	136	149049	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	108768	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	273857	20.00	ng	# 0.00
76) Chrysene-d12	21.807	240	281526	20.00	ng	-0.01
86) Perylene-d12	25.144	264	279078	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	307567	129.90	ng	0.00
7) Phenol-d6	7.265	99	371424	104.67	ng	0.00
23) Nitrobenzene-d5	9.292	82	347155	100.43	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	223755	138.85	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	704073	91.44	ng	0.00
79) Terphenyl-d14	20.126	244	1360288	88.49	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.286	70	52375	18.88	ng	# 74
51) 2,6-Dinitrotoluene	14.768	165	13527	7.84	ng	# 12
57) 2,4-Dinitrotoluene	14.768	165	13527	6.38	ng	# 17
67) 4-Bromophenyl-phenylether	16.249	248	14431	4.22	ng	# 1
77) Benzdine	20.126	184	27564	4.86	ng	# 92

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

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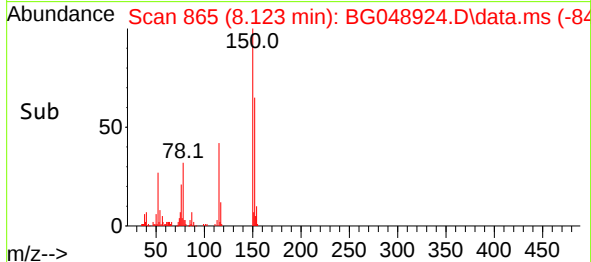
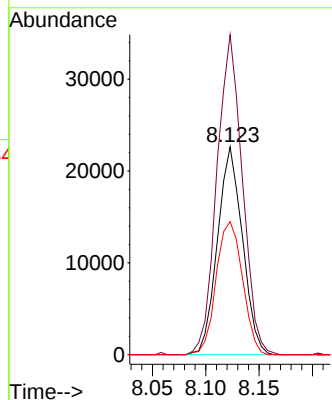
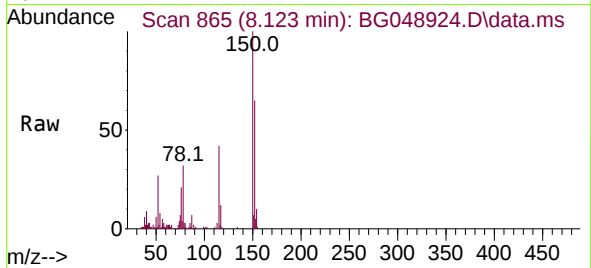




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

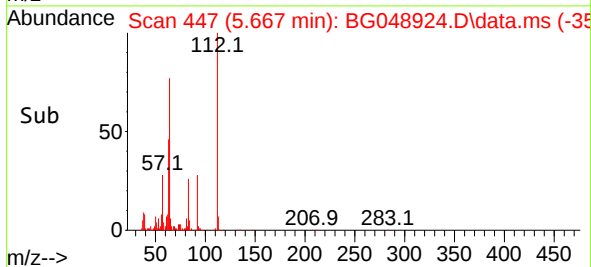
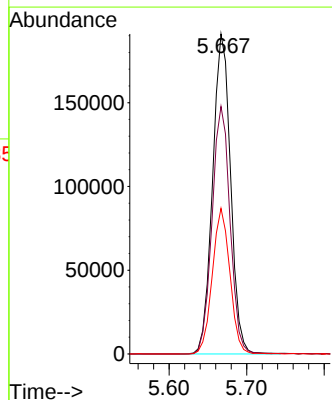
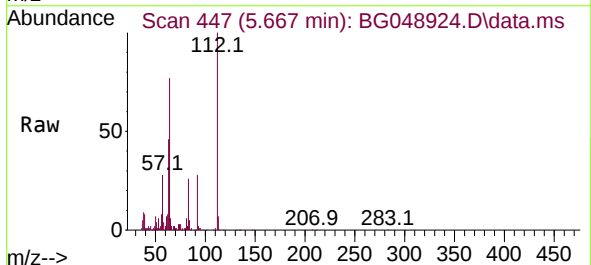
Instrument :
BNA_G
ClientSampleId :
18-B12(158-162)

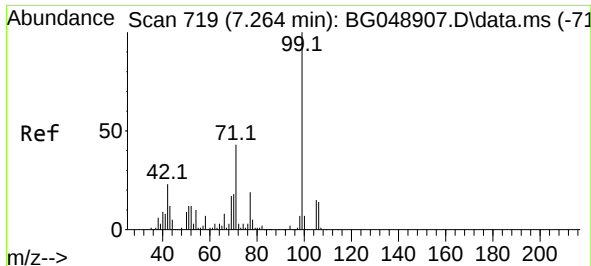
Tgt Ion:152 Resp: 36857
Ion Ratio Lower Upper
152 100
150 153.9 119.4 179.0
115 64.0 60.2 90.4



#5
2-Fluorophenol
Concen: 129.90 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

Tgt Ion:112 Resp: 307567
Ion Ratio Lower Upper
112 100
64 77.4 46.7 70.1#
63 45.5 35.3 52.9

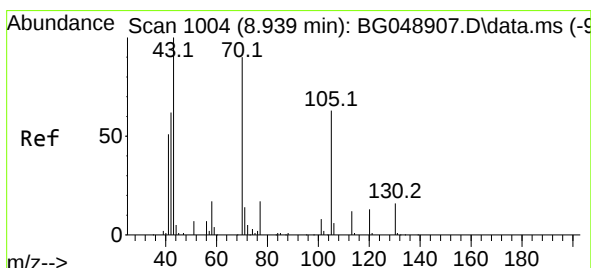
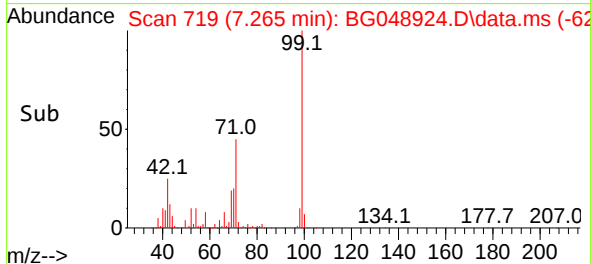
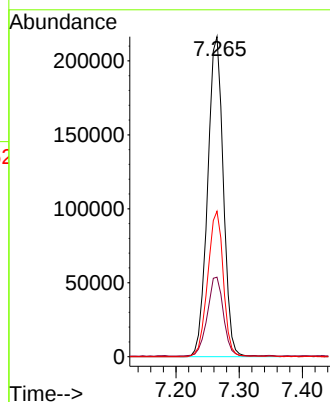
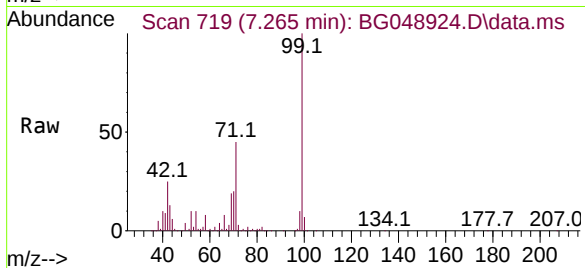




#7
Phenol-d6
Concen: 104.67 ng
RT: 7.265 min Scan# 719
Delta R.T. 0.001 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

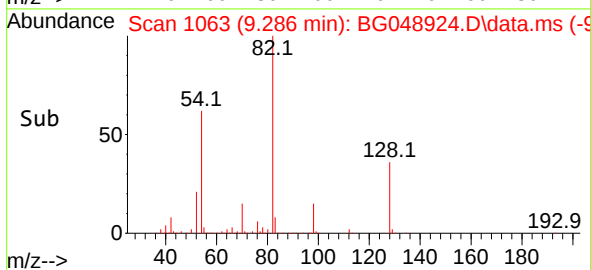
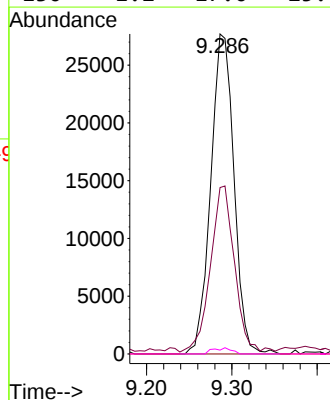
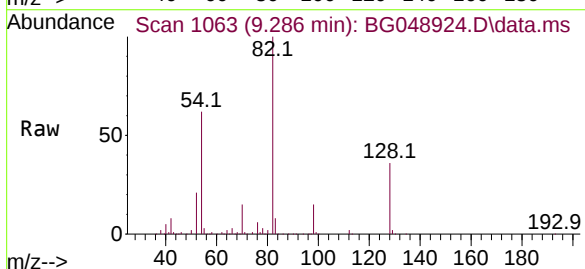
Instrument :
BNA_G
ClientSampleId :
18-B12(158-162)

Tgt Ion: 99 Resp: 371424
Ion Ratio Lower Upper
99 100
42 24.9 20.5 30.7
71 45.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.88 ng
RT: 9.286 min Scan# 1063
Delta R.T. 0.347 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

Tgt Ion: 70 Resp: 52375
Ion Ratio Lower Upper
70 100
42 52.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.2 17.0 25.6#

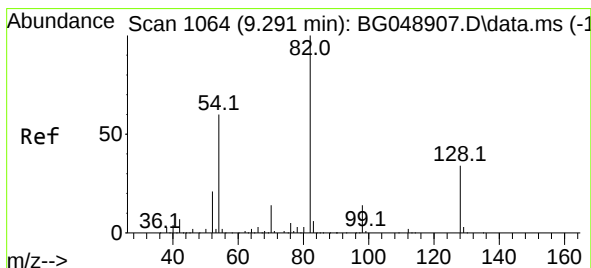
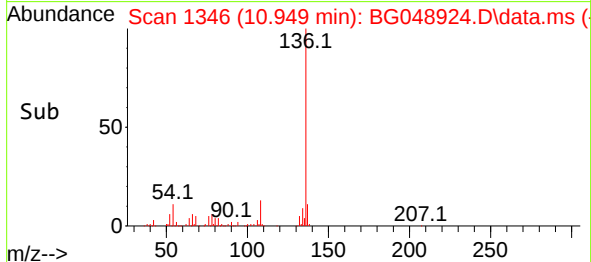
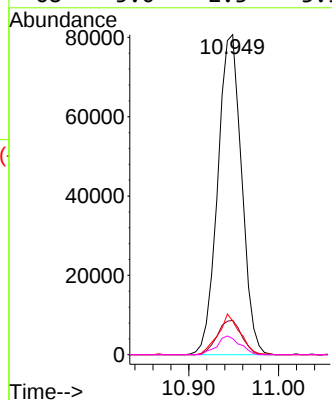
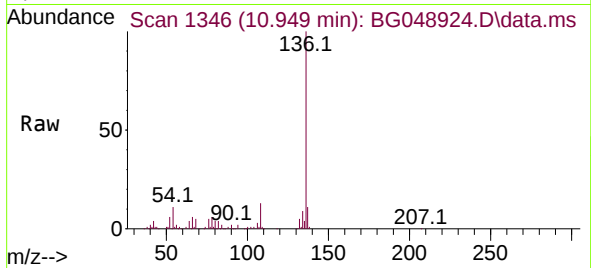




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.949 min Scan# 1346
Delta R.T. 0.001 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

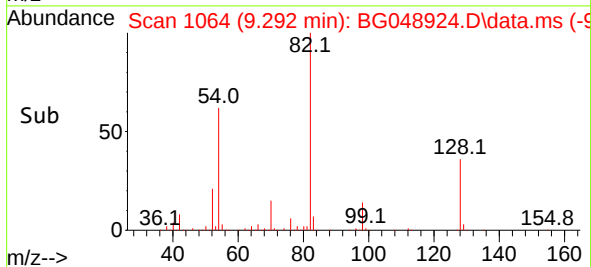
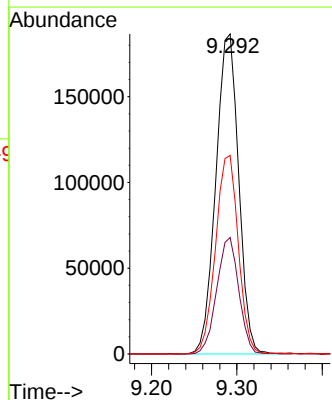
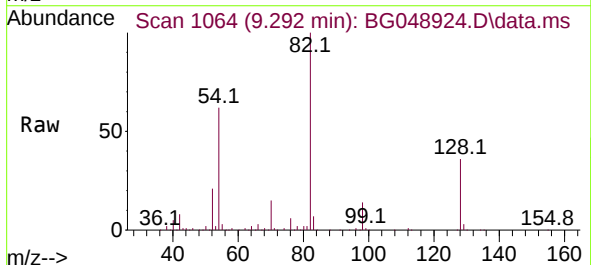
Instrument :
BNA_G
ClientSampleId :
18-B12(158-162)

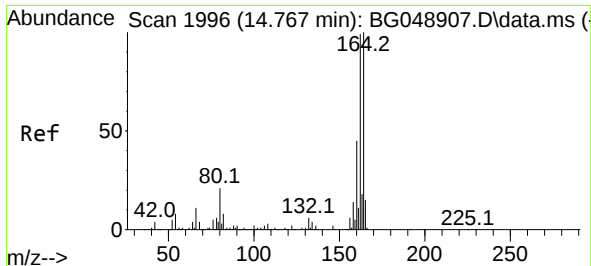
Tgt Ion:	136	Resp:	149049
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.2	12.2
54	10.6	5.5	8.3#
68	5.0	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 100.43 ng
RT: 9.292 min Scan# 1064
Delta R.T. 0.001 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

Tgt Ion:	82	Resp:	347155
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.8	44.6
54	62.1	45.8	68.8

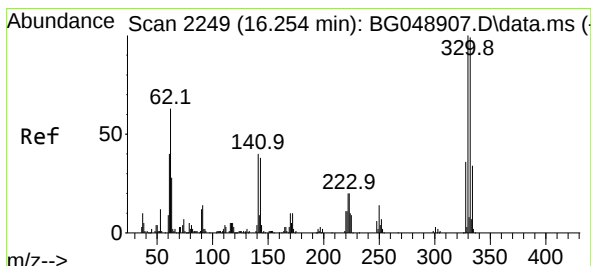
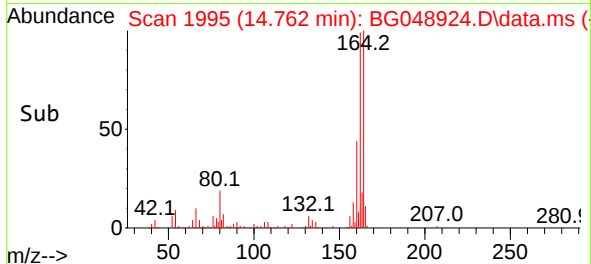
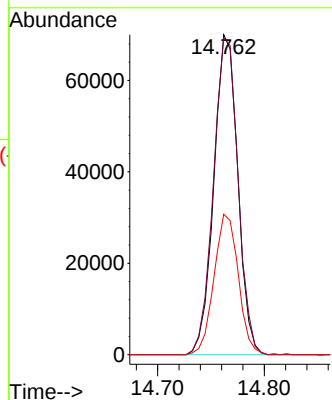
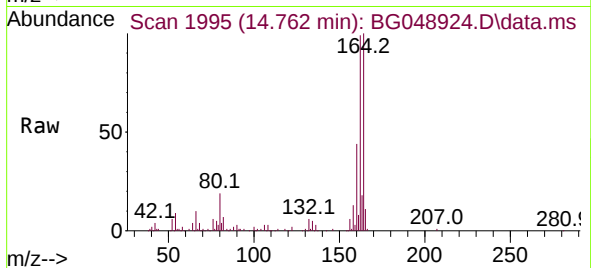




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

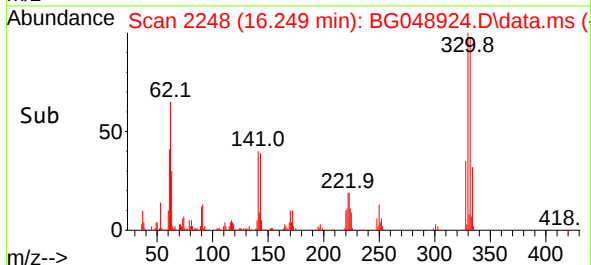
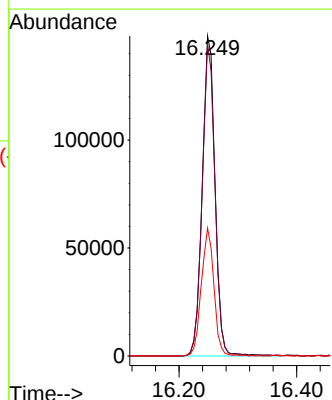
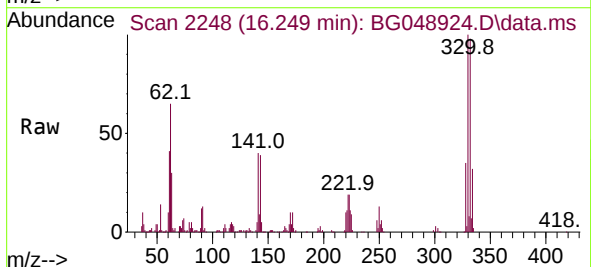
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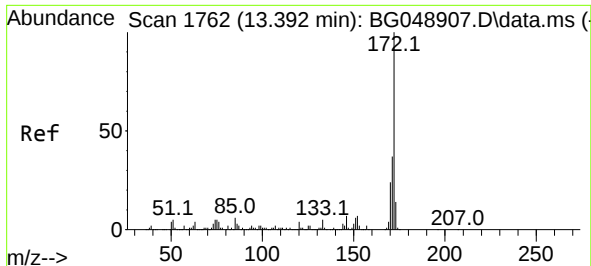
Tgt Ion:164 Resp: 108768
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 43.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 138.85 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

Tgt Ion:330 Resp: 223755
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 39.4 35.6 53.4

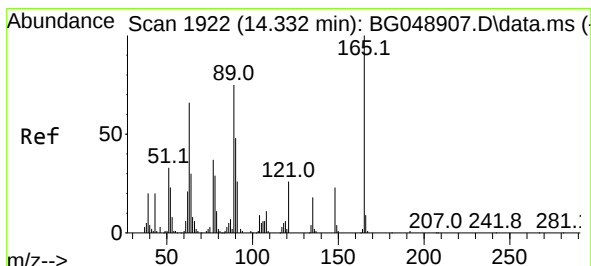
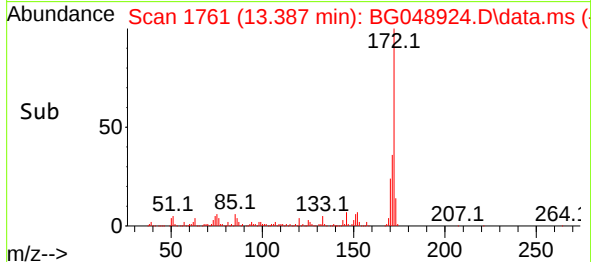
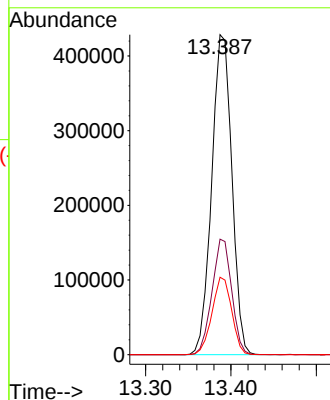
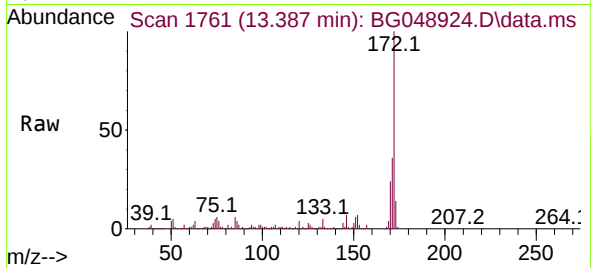




#45
2-Fluorobiphenyl
Concen: 91.44 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

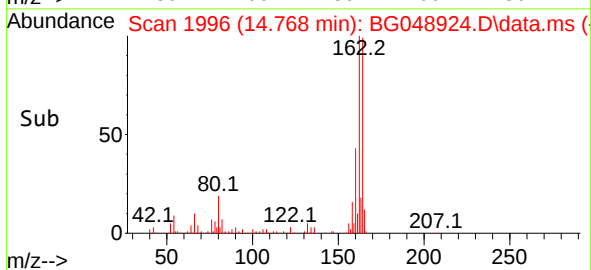
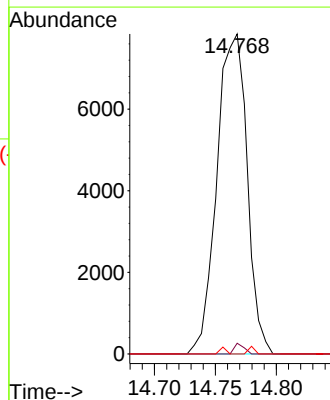
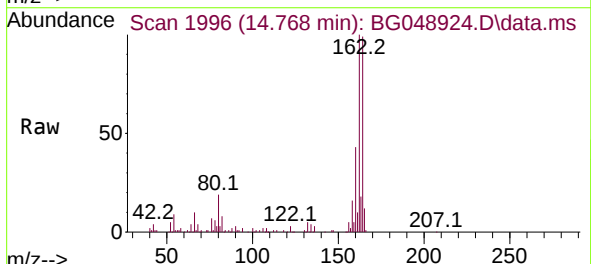
Instrument :
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ClientSampleId :
18-B12(158-162)

Tgt Ion:	172	Resp:	704073
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.6	43.0
170	24.2	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 14.768 min Scan# 1996
Delta R.T. 0.435 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

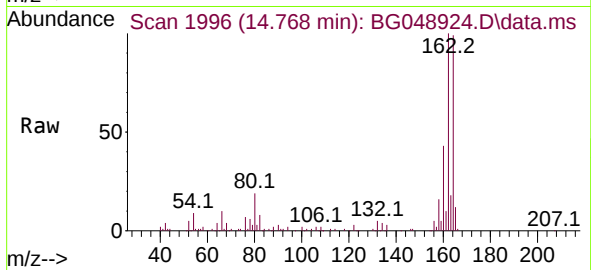
Tgt Ion:	165	Resp:	13527
Ion Ratio	Lower	Upper	
165	100		
63	3.3	63.3	94.9#
89	0.0	63.4	95.0#



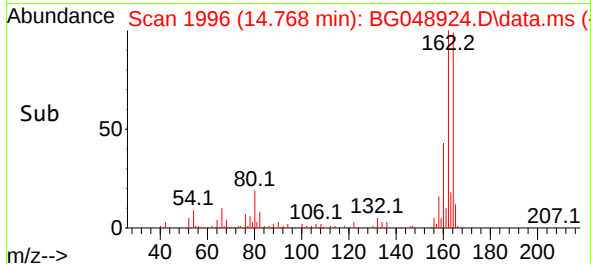
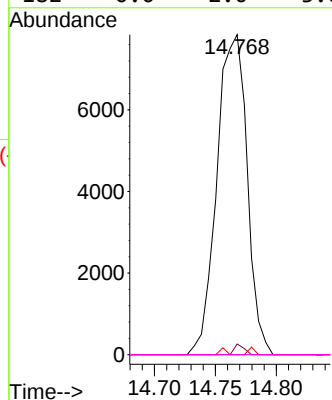


#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 14.768 min Scan# 1996
Delta R.T. -0.352 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

Instrument :
BNA_G
ClientSampleId :
18-B12(158-162)

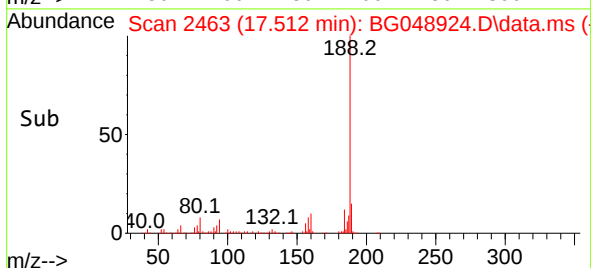
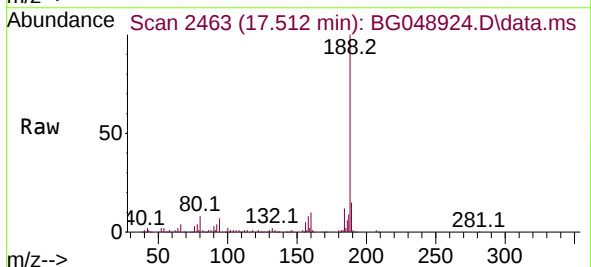
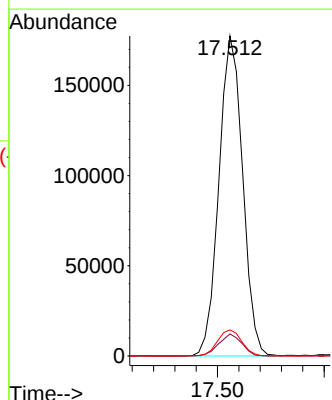


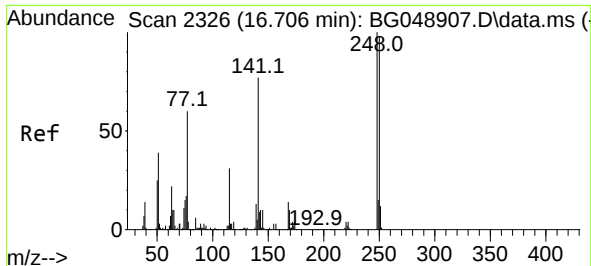
Tgt Ion:165 Resp: 13527
Ion Ratio Lower Upper
165 100
63 3.3 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

Tgt Ion:188 Resp: 273857
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 8.2 3.7 5.5#

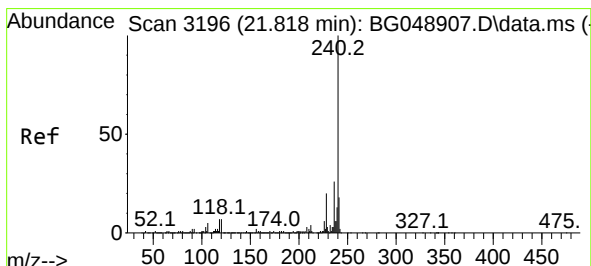
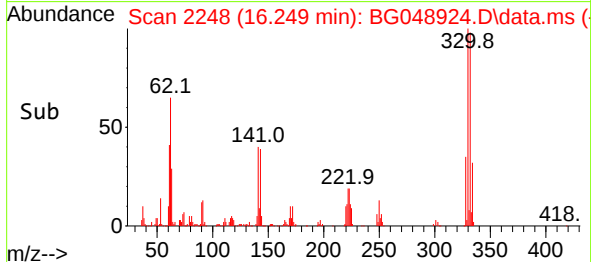
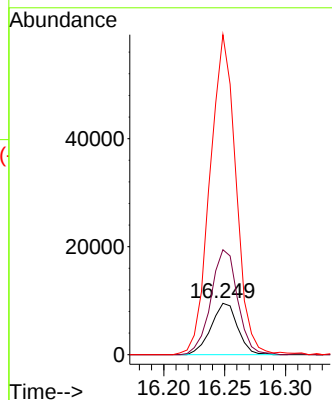
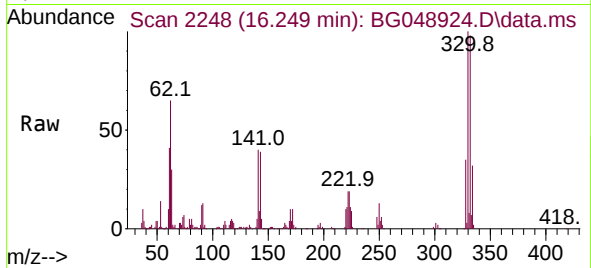




#67
4-Bromophenyl-phenylether
Concen: 4.22 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.458 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

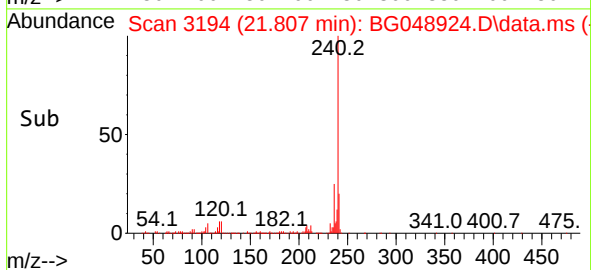
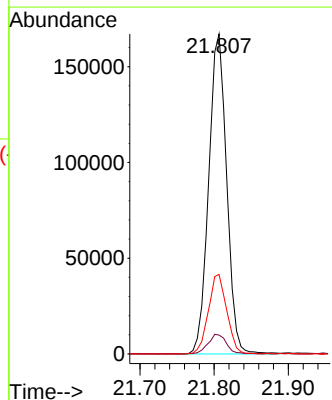
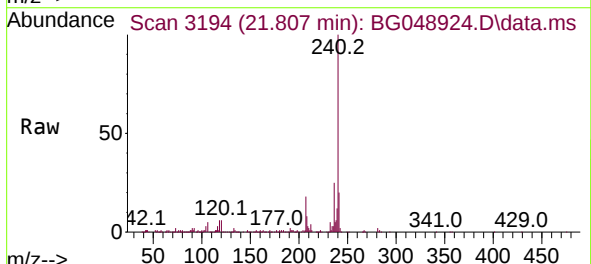
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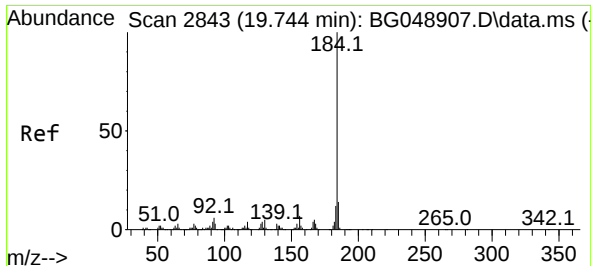
Tgt Ion:248 Resp: 14431
Ion Ratio Lower Upper
248 100
250 204.1 76.1 114.1#
141 622.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.807 min Scan# 3194
Delta R.T. -0.011 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

Tgt Ion:240 Resp: 281526
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 24.9 21.8 32.6

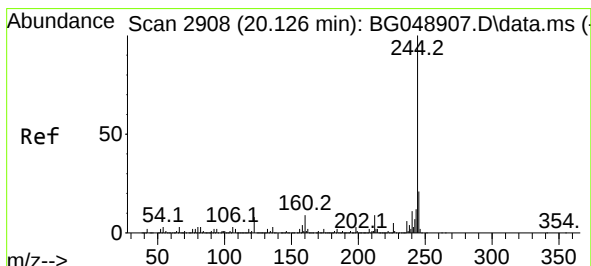
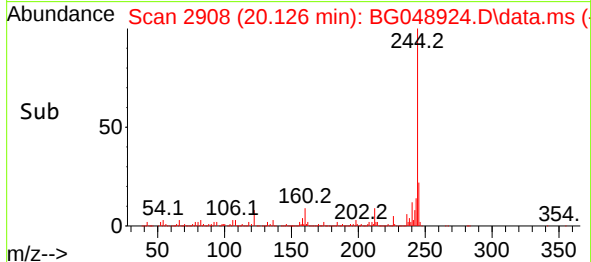
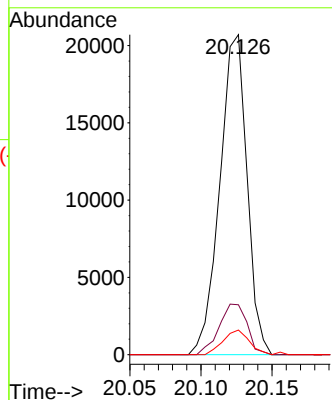
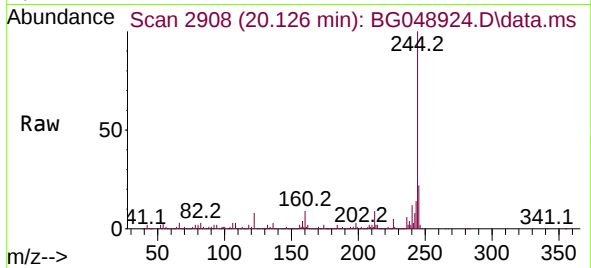




#77
Benzidine
Concen: 4.86 ng
RT: 20.126 min Scan# 2908
Delta R.T. 0.383 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

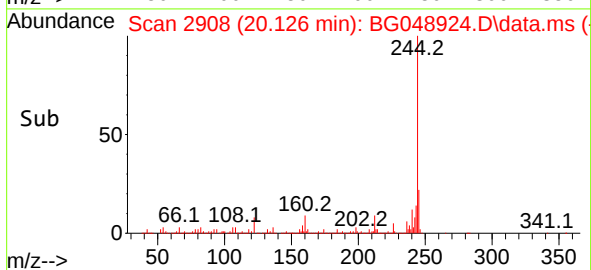
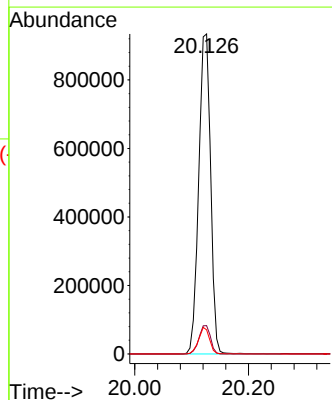
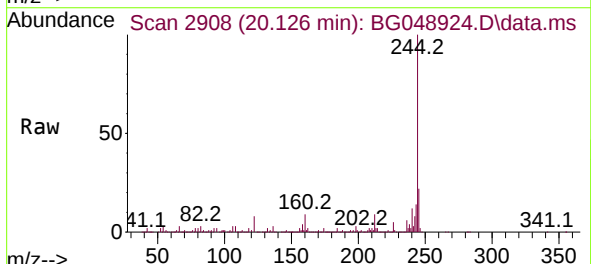
Instrument :
BNA_G
ClientSampleId :
18-B12(158-162)

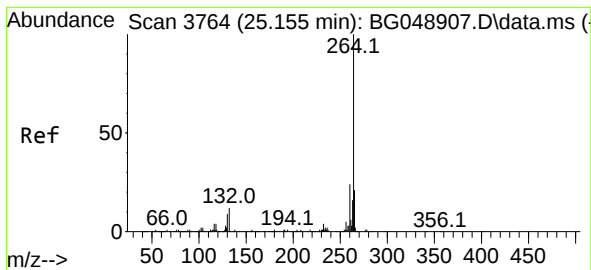
Tgt Ion:184 Resp: 27564
Ion Ratio Lower Upper
184 100
185 15.6 10.7 16.1
183 7.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 88.49 ng
RT: 20.126 min Scan# 2908
Delta R.T. 0.000 min
Lab File: BG048924.D
Acq: 12 Jun 2021 22:50

Tgt Ion:244 Resp: 1360288
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 7.5 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.144 min Scan# 3762
 Delta R.T. -0.011 min
 Lab File: BG048924.D
 Acq: 12 Jun 2021 22:50

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(158-162)

Tgt Ion:264 Resp: 279078
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.4 29.2
 265 20.3 16.9 25.3

