

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048920.D
 Acq On : 12 Jun 2021 20:05
 Operator : CG/JU
 Sample : M2625-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(142-146)

Quant Time: Jun 14 03:17:05 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)

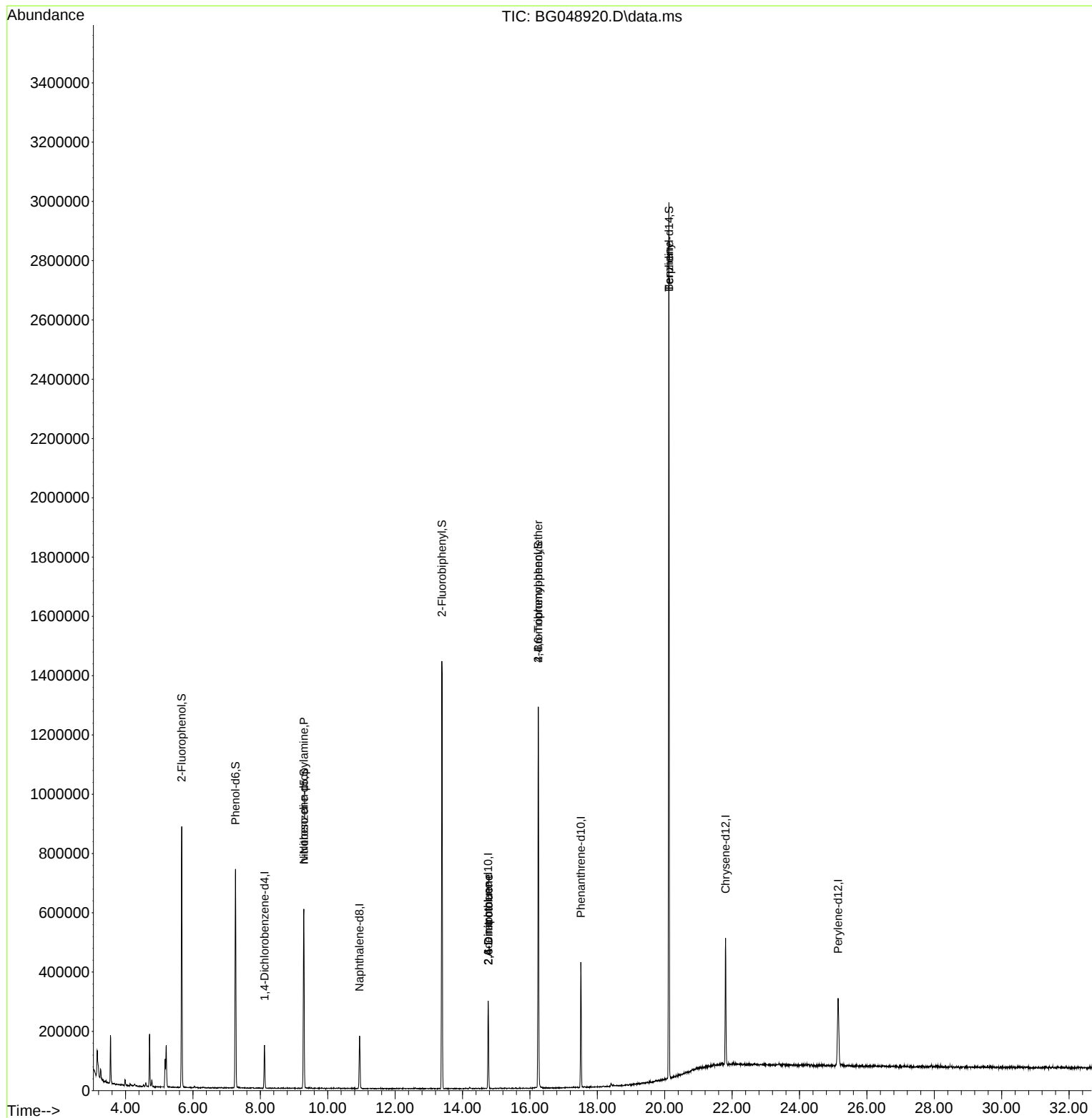
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.124	152	37404	20.00	ng	0.00
21) Naphthalene-d8	10.944	136	146923	20.00	ng	# 0.00
39) Acenaphthene-d10	14.763	164	105402	20.00	ng	0.00
64) Phenanthrene-d10	17.513	188	260138	20.00	ng	# 0.00
76) Chrysene-d12	21.808	240	265285	20.00	ng	#-0.01
86) Perylene-d12	25.145	264	259386	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	330499	137.55	ng	0.00
7) Phenol-d6	7.266	99	383625	106.52	ng	0.00
23) Nitrobenzene-d5	9.293	82	364156	106.87	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	240901	154.27	ng	0.00
45) 2-Fluorobiphenyl	13.388	172	736757	98.74	ng	0.00
79) Terphenyl-d14	20.127	244	1408912	97.27	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.293	70	52418	18.62	ng	# 74
51) 2,6-Dinitrotoluene	14.769	165	14129	8.45	ng	# 10
57) 2,4-Dinitrotoluene	14.769	165	14129	6.88	ng	# 15
67) 4-Bromophenyl-phenylether	16.249	248	16326	5.03	ng	# 1
77) Benzidine	20.127	184	28351	5.31	ng	97

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

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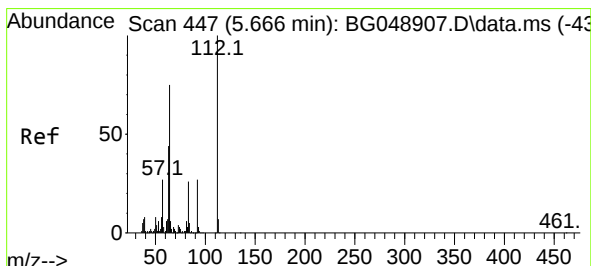
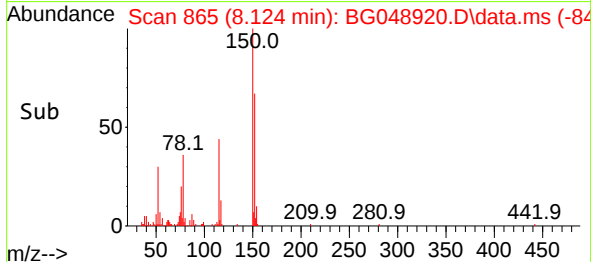
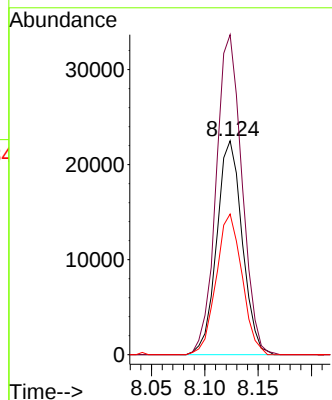
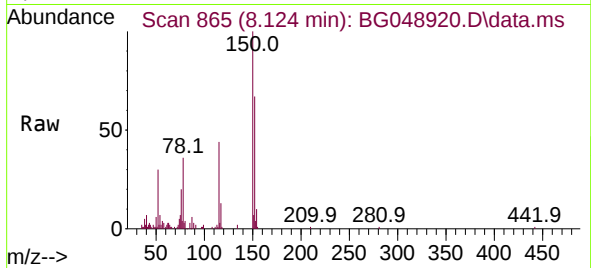




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.124 min Scan# 865
Delta R.T. 0.002 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

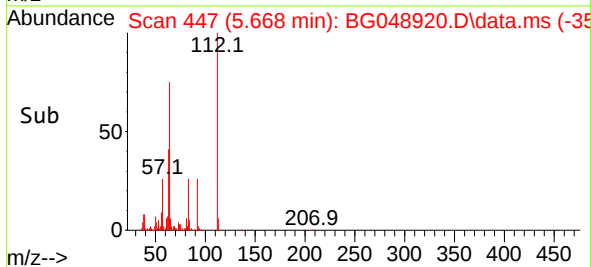
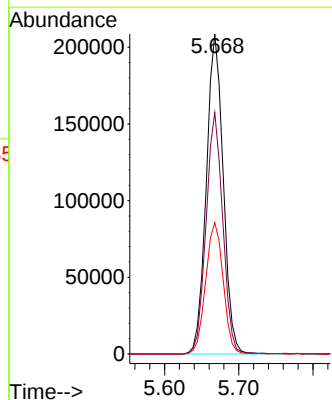
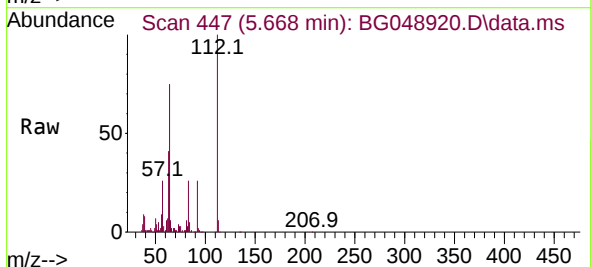
Instrument :
BNA_G
ClientSampleId :
18-B12(142-146)

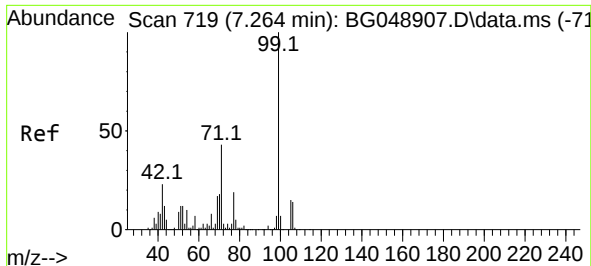
Tgt Ion:152 Resp: 37404
Ion Ratio Lower Upper
152 100
150 149.6 119.4 179.0
115 65.8 60.2 90.4



#5
2-Fluorophenol
Concen: 137.55 ng
RT: 5.668 min Scan# 447
Delta R.T. 0.002 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

Tgt Ion:112 Resp: 330499
Ion Ratio Lower Upper
112 100
64 75.5 46.7 70.1#
63 41.1 35.3 52.9

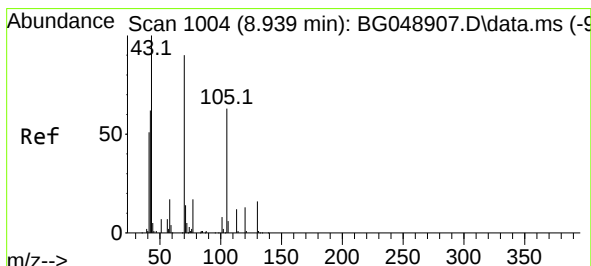
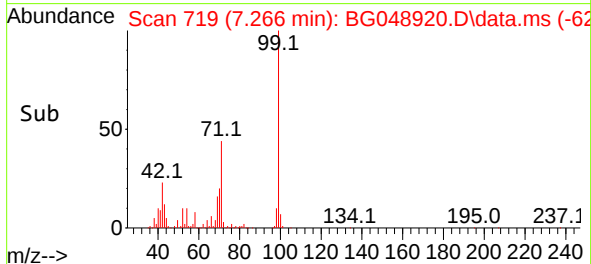
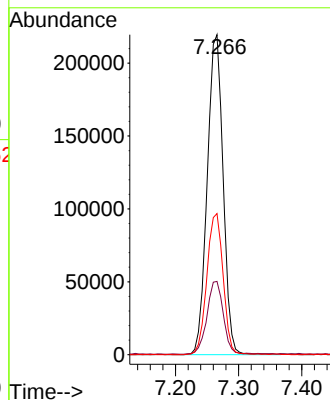
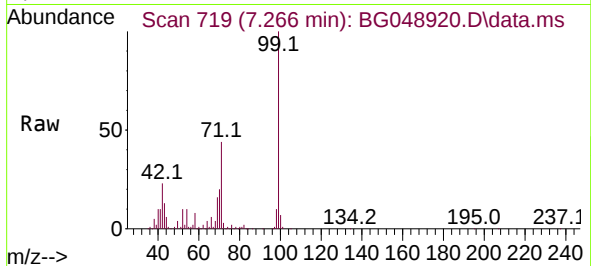




#7
Phenol-d6
Concen: 106.52 ng
RT: 7.266 min Scan# 719
Delta R.T. 0.002 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

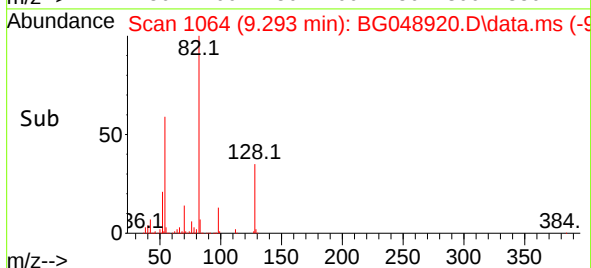
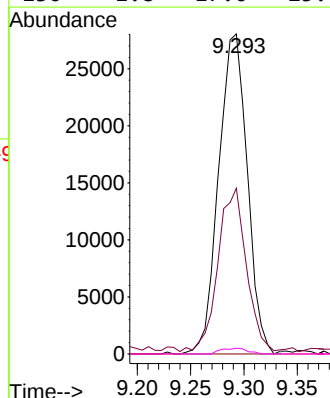
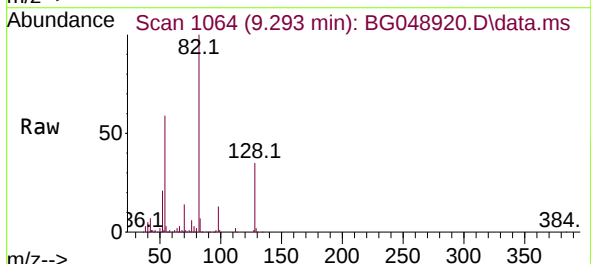
Instrument :
BNA_G
ClientSampleId :
18-B12(142-146)

Tgt Ion: 99 Resp: 383625
Ion Ratio Lower Upper
99 100
42 22.9 20.5 30.7
71 44.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.62 ng
RT: 9.293 min Scan# 1064
Delta R.T. 0.354 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

Tgt Ion: 70 Resp: 52418
Ion Ratio Lower Upper
70 100
42 51.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

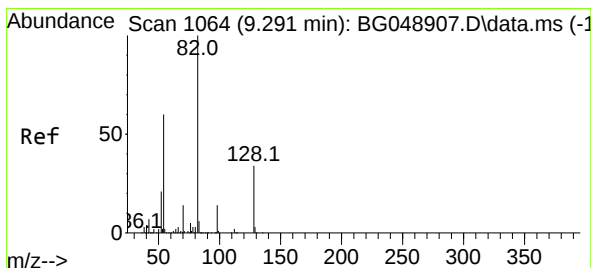
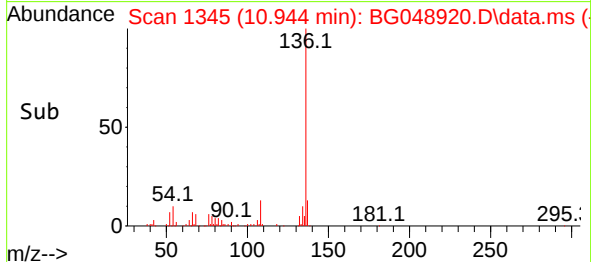
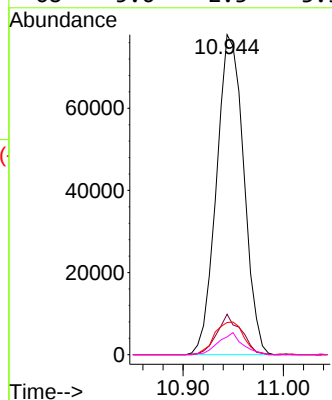
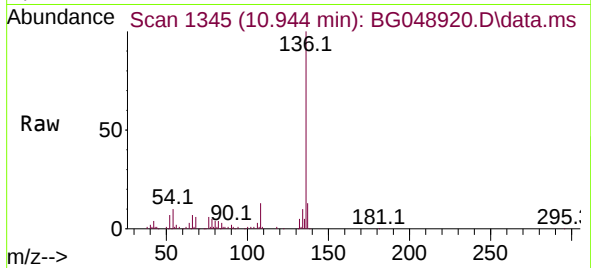




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.944 min Scan# 1345
Delta R.T. -0.004 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

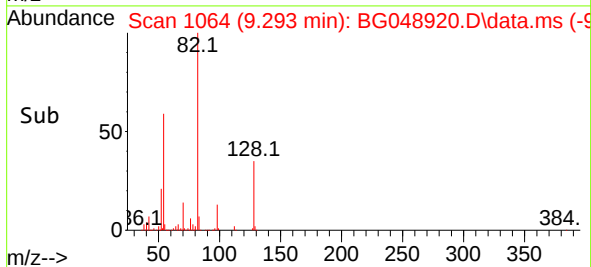
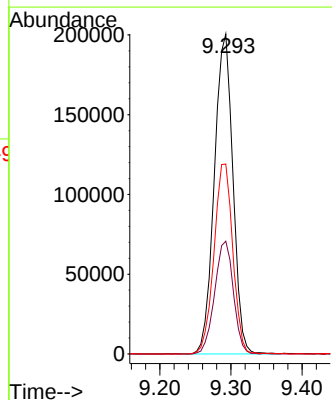
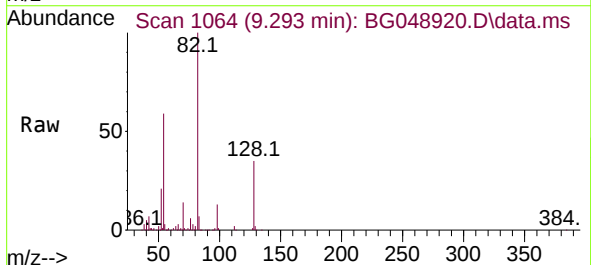
Instrument :
BNA_G
ClientSampleId :
18-B12(142-146)

Tgt Ion:136	Resp:	146923
Ion Ratio	Lower	Upper
136	100	
137	12.7	8.2 12.2#
54	10.0	5.5 8.3#
68	5.6	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 106.87 ng
RT: 9.293 min Scan# 1064
Delta R.T. 0.002 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

Tgt Ion: 82	Resp:	364156
Ion Ratio	Lower	Upper
82	100	
128	35.2	29.8 44.6
54	59.3	45.8 68.8

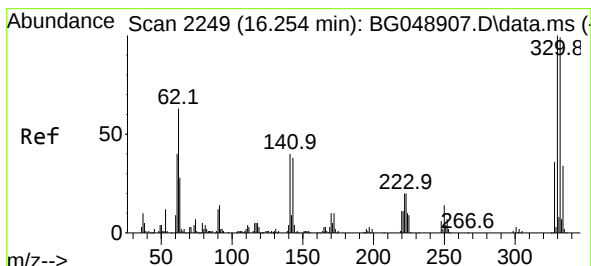
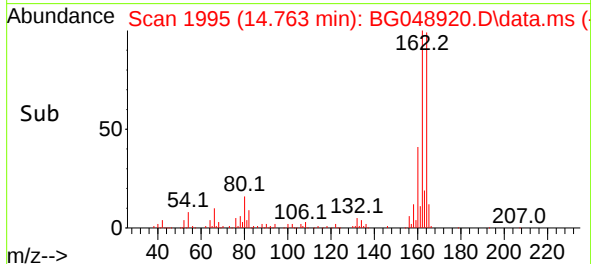
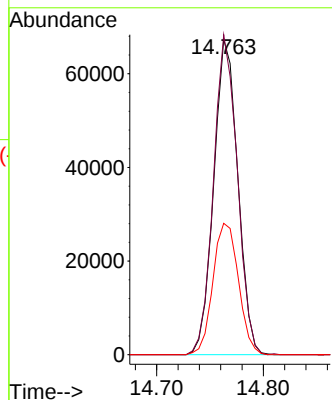
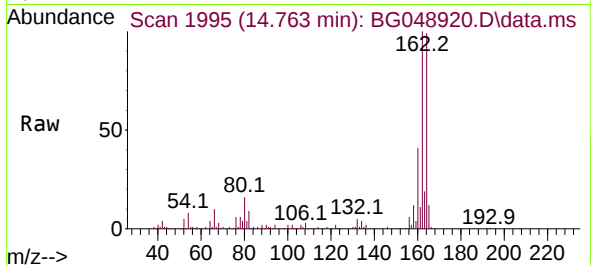




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.763 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

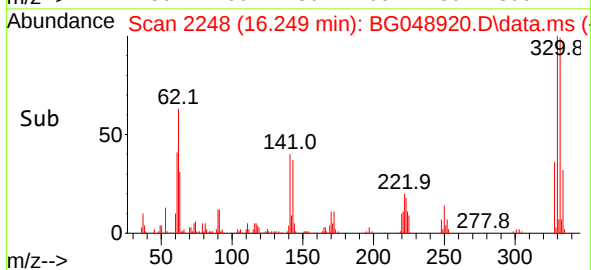
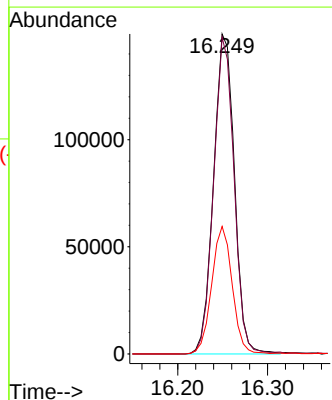
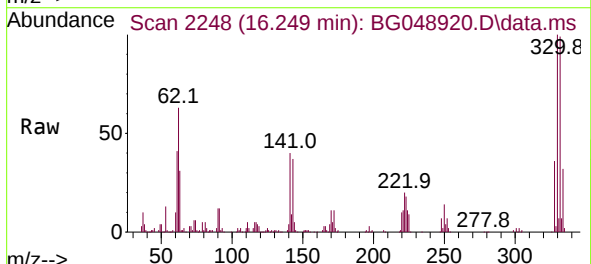
Instrument :
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ClientSampleId :
18-B12(142-146)

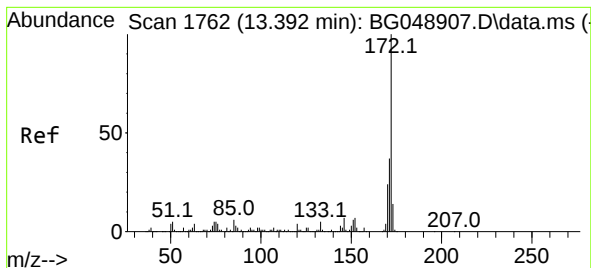
Tgt Ion:164 Resp: 105402
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 41.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 154.27 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

Tgt Ion:330 Resp: 240901
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 39.2 35.6 53.4

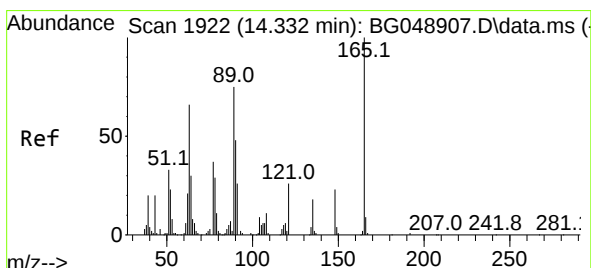
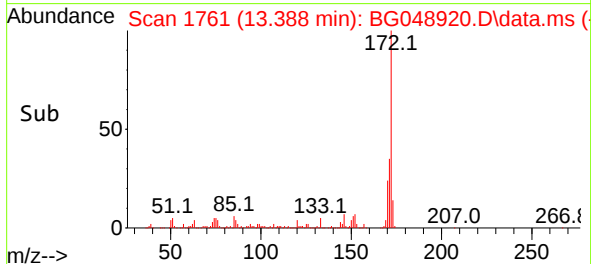
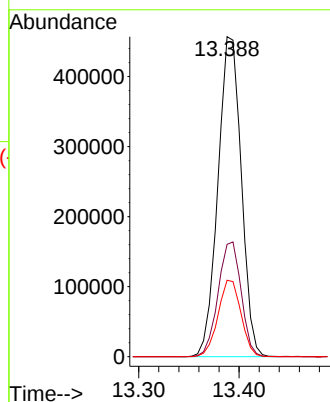
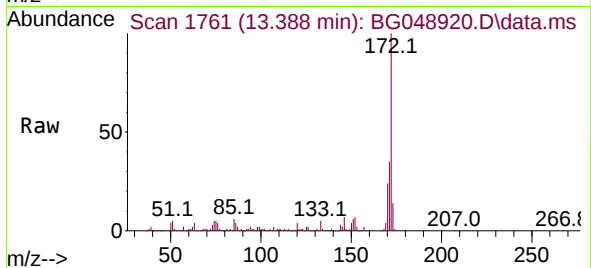




#45
2-Fluorobiphenyl
Concen: 98.74 ng
RT: 13.388 min Scan# 1761
Delta R.T. -0.004 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

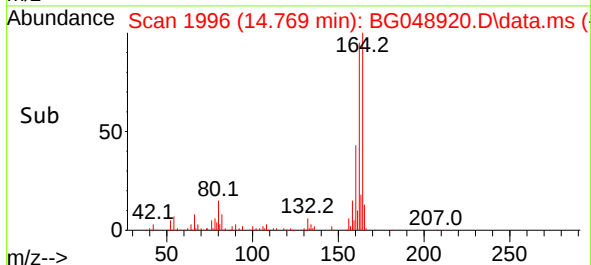
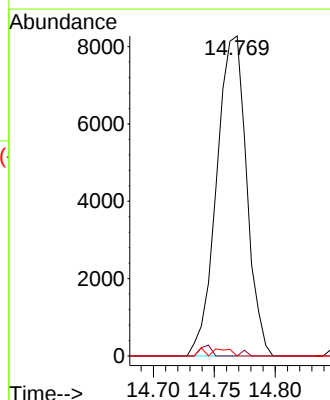
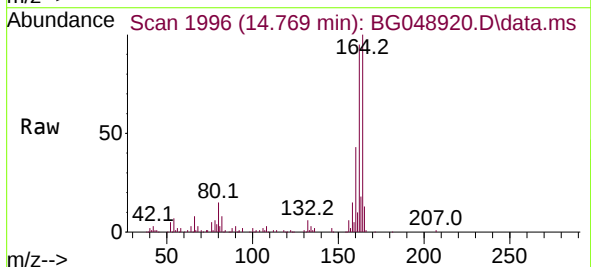
Instrument :
BNA_G
ClientSampleId :
18-B12(142-146)

Tgt Ion:	172	Resp:	736757
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.6	43.0
170	23.9	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 8.45 ng
RT: 14.769 min Scan# 1996
Delta R.T. 0.436 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

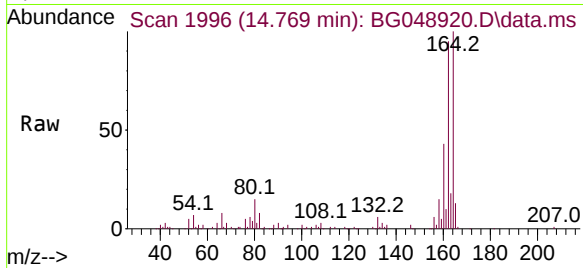
Tgt Ion:	165	Resp:	14129
Ion Ratio	Lower	Upper	
165	100		
63	0.0	63.3	94.9#
89	0.0	63.4	95.0#



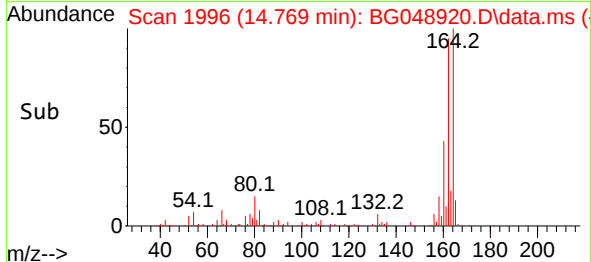
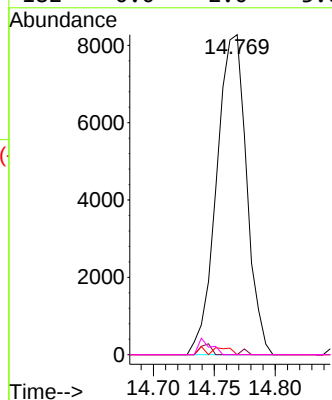


#57
2,4-Dinitrotoluene
Concen: 6.88 ng
RT: 14.769 min Scan# 1996
Delta R.T. -0.351 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

Instrument :
BNA_G
ClientSampleId :
18-B12(142-146)

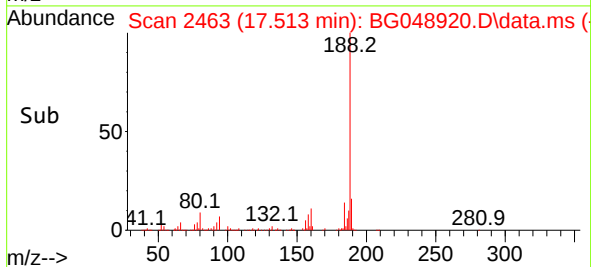
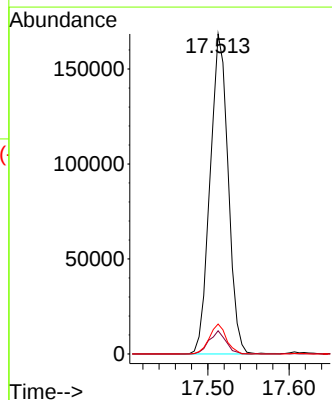
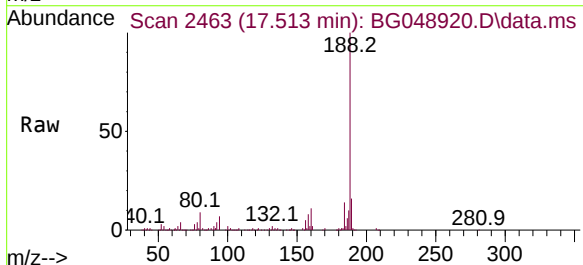


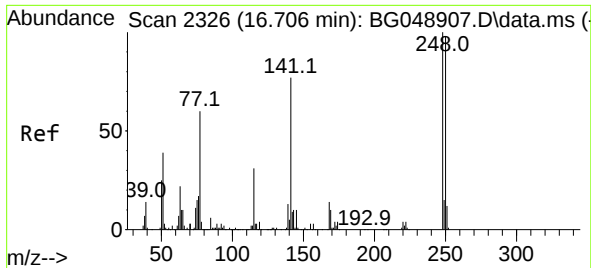
Tgt Ion:165 Resp: 14129
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.513 min Scan# 2463
Delta R.T. -0.004 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

Tgt Ion:188 Resp: 260138
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.0
80 9.3 3.7 5.5#

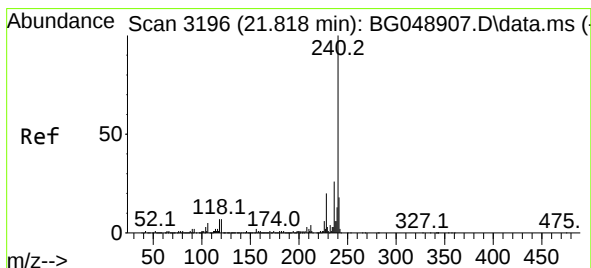
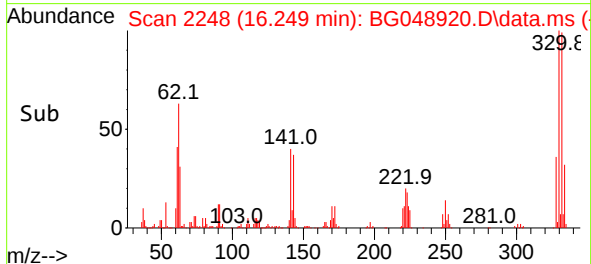
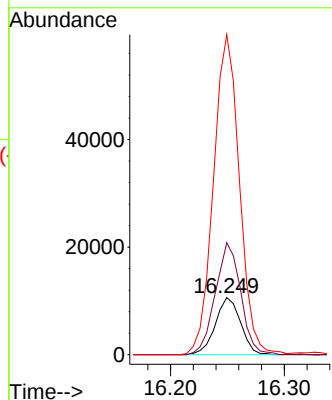
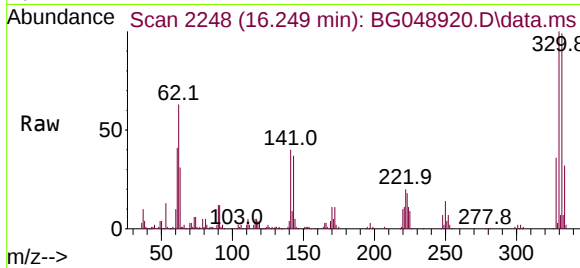




#67
4-Bromophenyl-phenylether
Concen: 5.03 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.457 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

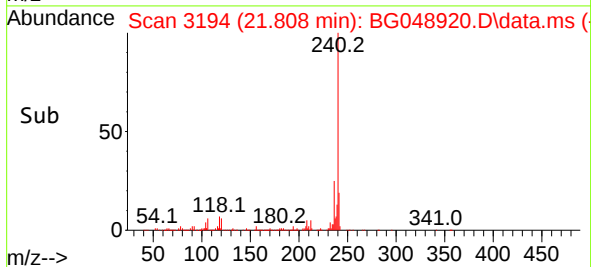
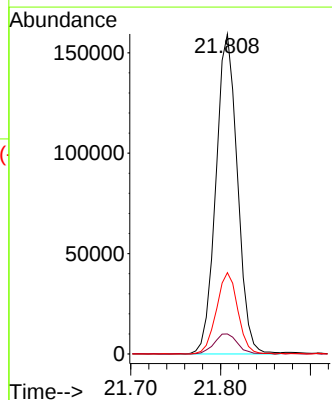
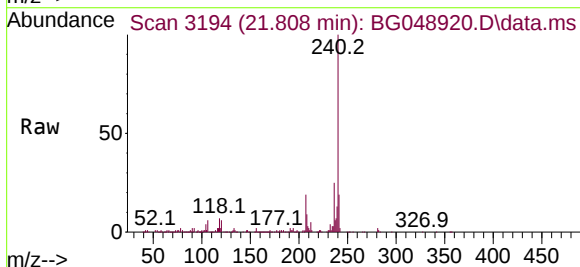
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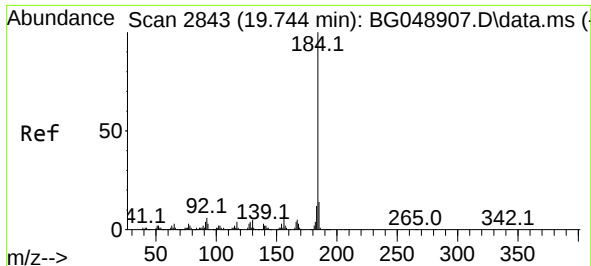
Tgt Ion:248 Resp: 16326
Ion Ratio Lower Upper
248 100
250 195.8 76.1 114.1#
141 559.6 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.808 min Scan# 3194
Delta R.T. -0.010 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

Tgt Ion:240 Resp: 265285
Ion Ratio Lower Upper
240 100
120 6.2 4.2 6.2#
236 25.4 21.8 32.6

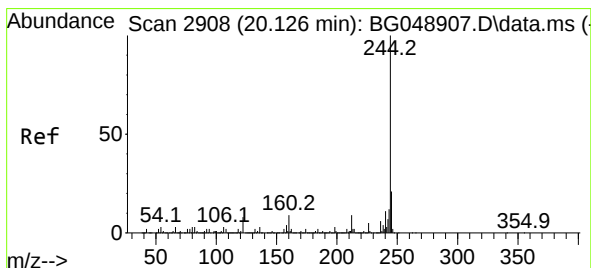
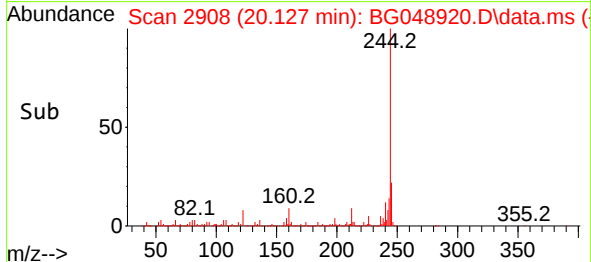
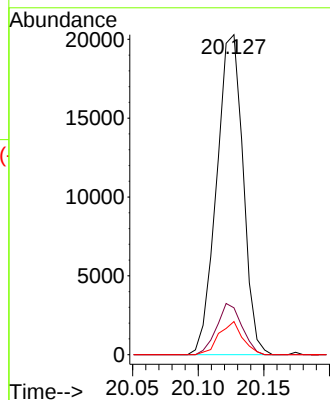
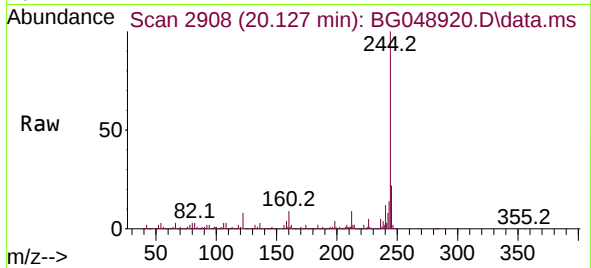




#77
Benzidine
Concen: 5.31 ng
RT: 20.127 min Scan# 2908
Delta R.T. 0.383 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

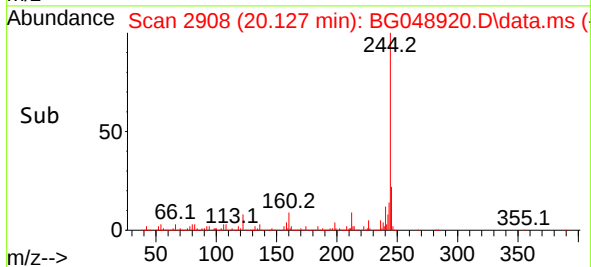
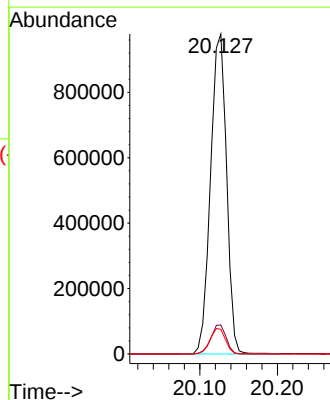
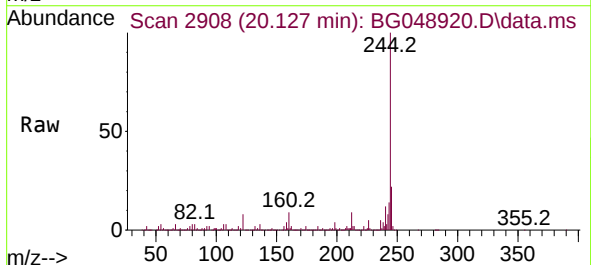
Instrument :
BNA_G
ClientSampleId :
18-B12(142-146)

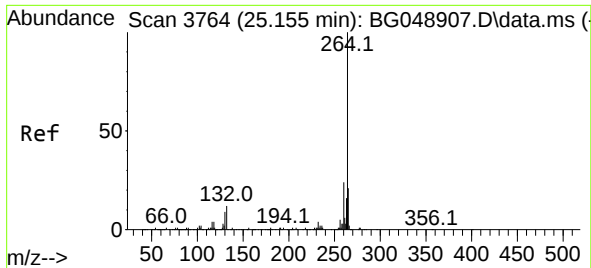
Tgt Ion:184 Resp: 28351
Ion Ratio Lower Upper
184 100
185 14.7 10.7 16.1
183 10.4 9.4 14.0



#79
Terphenyl-d14
Concen: 97.27 ng
RT: 20.127 min Scan# 2908
Delta R.T. 0.001 min
Lab File: BG048920.D
Acq: 12 Jun 2021 20:05

Tgt Ion:244 Resp: 1408912
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 7.7 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.145 min Scan# 3762
 Delta R.T. -0.010 min
 Lab File: BG048920.D
 Acq: 12 Jun 2021 20:05

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(142-146)

Tgt Ion:264	Resp:	259386
Ion Ratio	Lower	Upper
264	100	
260	23.3	19.4 29.2
265	22.4	16.9 25.3

