

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048810.D
 Acq On : 21 Apr 2021 1:35
 Operator : CG/JU
 Sample : M2070-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JGD-3150-D3550-B

Quant Time: Apr 21 04:34:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

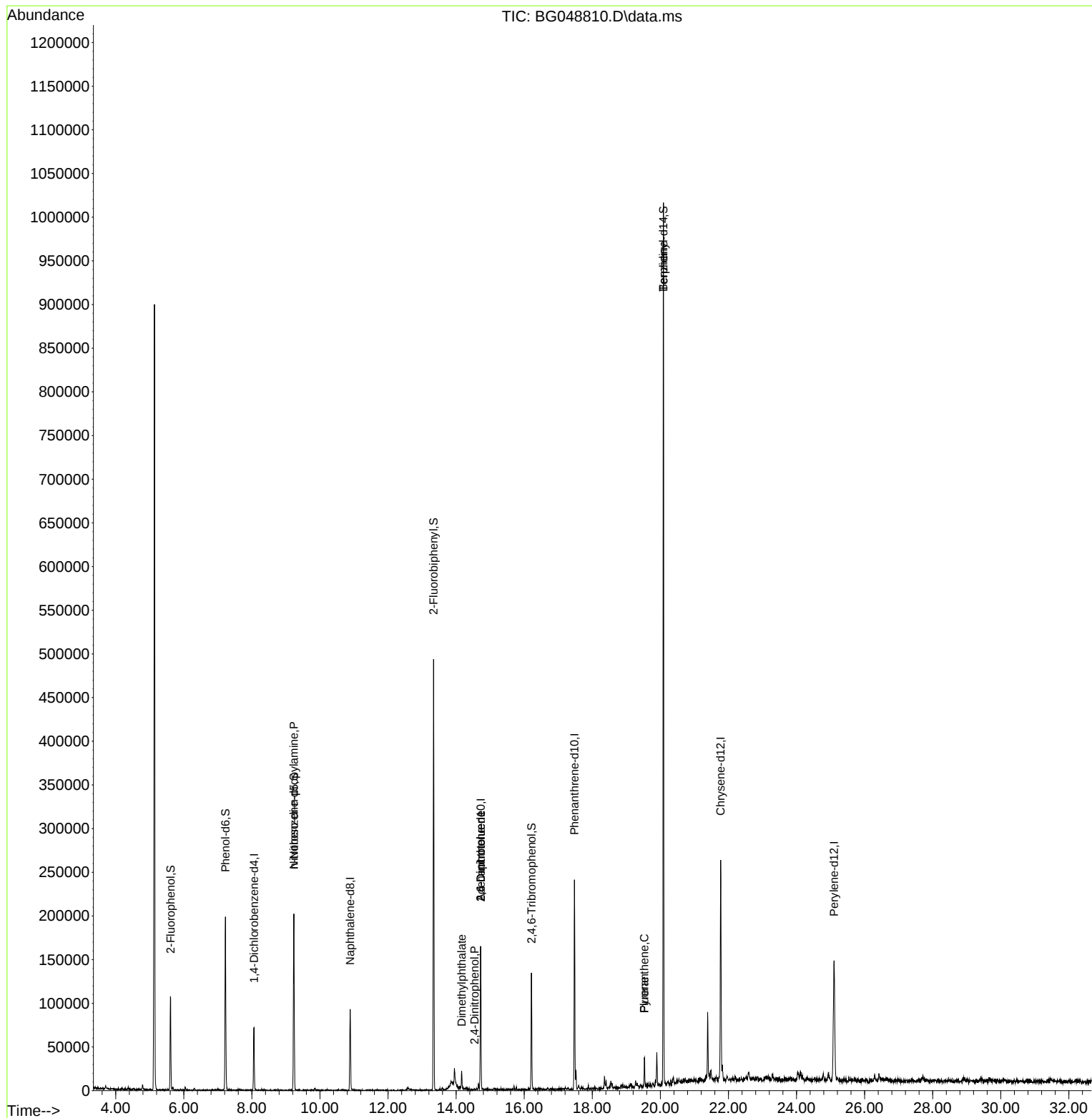
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	17467	20.00	ng	# 0.00
21) Naphthalene-d8	10.890	136	74142	20.00	ng	# 0.00
39) Acenaphthene-d10	14.721	164	56589	20.00	ng	0.00
64) Phenanthrene-d10	17.476	188	141931	20.00	ng	# 0.00
76) Chrysene-d12	21.771	240	144782	20.00	ng	0.00
86) Perylene-d12	25.103	264	146690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.614	112	42012	40.23	ng	0.00
7) Phenol-d6	7.224	99	94952	64.28	ng	0.00
23) Nitrobenzene-d5	9.233	82	110353	66.64	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	21620	28.49	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	229943	58.68	ng	0.00
79) Terphenyl-d14	20.091	244	442654	52.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.233	70	18616	18.68	ng	# 68
50) Dimethylphthalate	14.162	163	10699	2.52	ng	# 94
51) 2,6-Dinitrotoluene	14.721	165	7571	7.73	ng	# 12
54) 2,4-Dinitrophenol	14.544	184	64	5.38	ng	# 8
57) 2,4-Dinitrotoluene	14.721	165	7571	5.32	ng	# 17
75) Fluoranthene	19.533	202	21002	2.25	ng	95
77) Benzidine	20.091	184	8626	2.19	ng	# 96
78) Pyrene	19.533	202	21002	2.10	ng	95

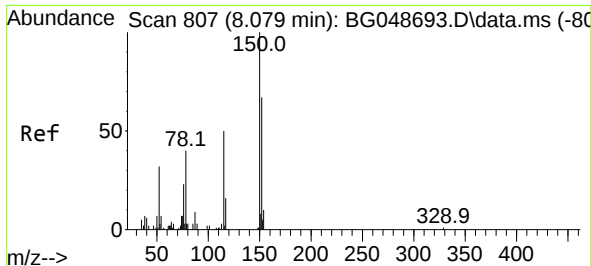
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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JGD-3150-D3550-B

Quant Time: Apr 21 04:34:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

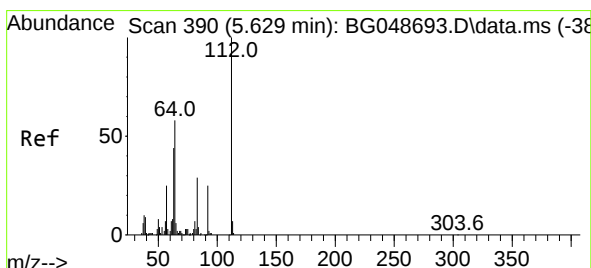
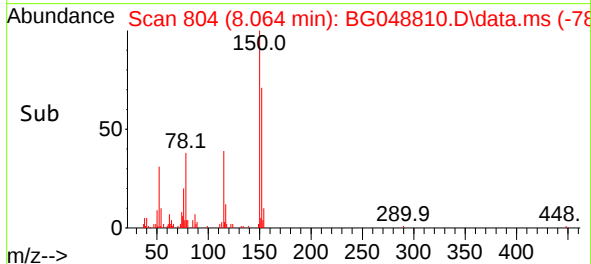
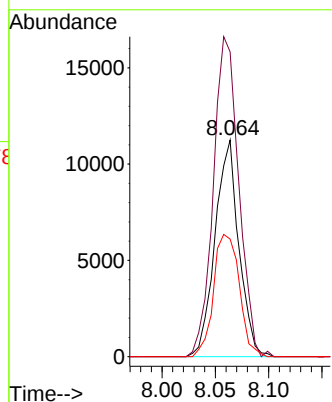
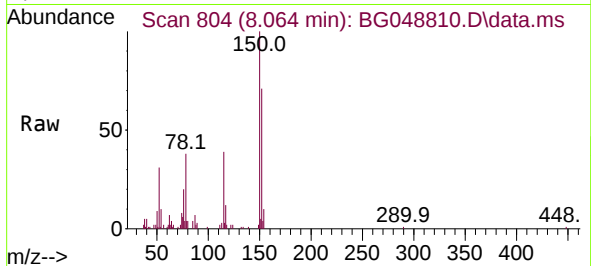




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.064 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

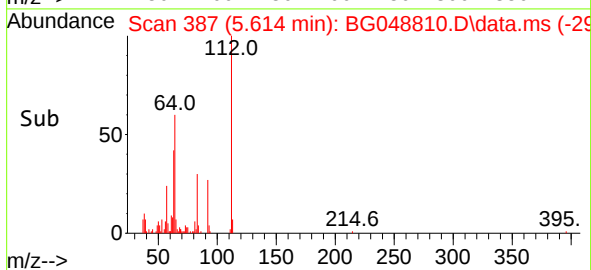
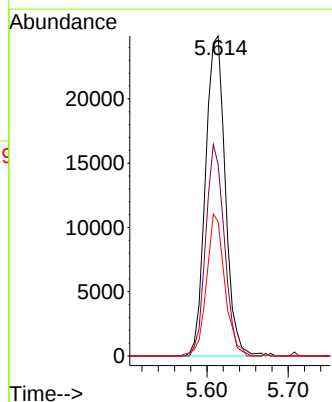
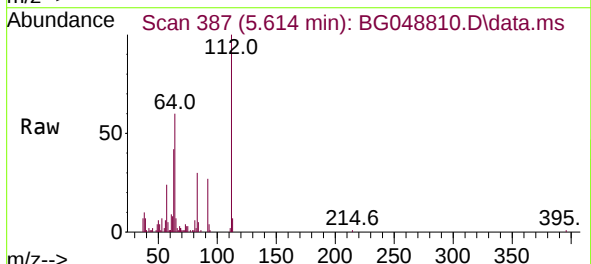
Instrument :
BNA_G
ClientSampleId :
JGD-3150-D3550-B

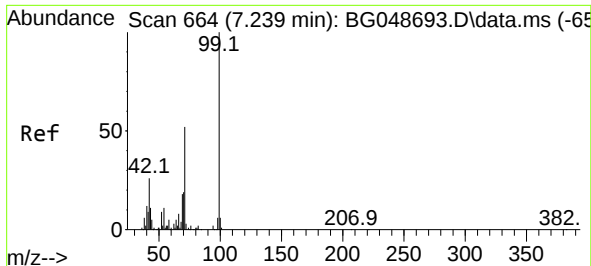
Tgt Ion:152 Resp: 17467
Ion Ratio Lower Upper
152 100
150 140.7 119.4 179.0
115 54.3 60.2 90.4#



#5
2-Fluorophenol
Concen: 40.23 ng
RT: 5.614 min Scan# 387
Delta R.T. 0.008 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

Tgt Ion:112 Resp: 42012
Ion Ratio Lower Upper
112 100
64 59.9 46.7 70.1
63 42.1 35.3 52.9

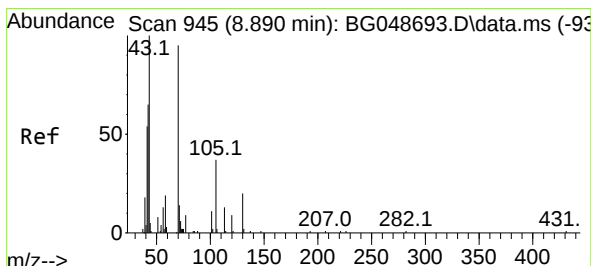
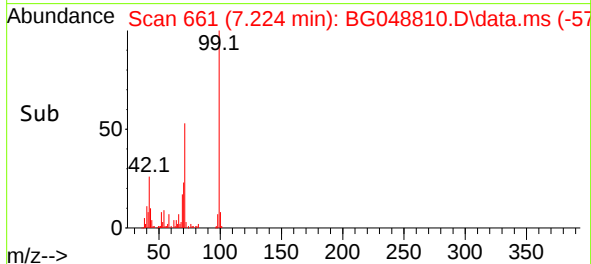
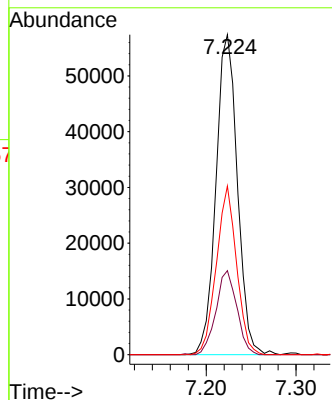
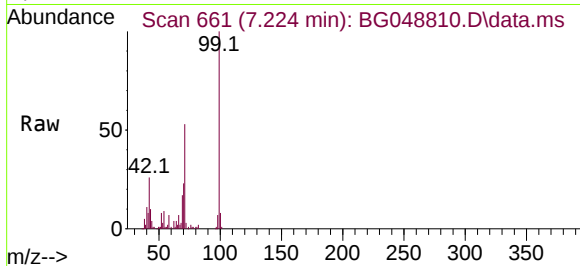




#7
Phenol-d6
Concen: 64.28 ng
RT: 7.224 min Scan# 661
Delta R.T. 0.003 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

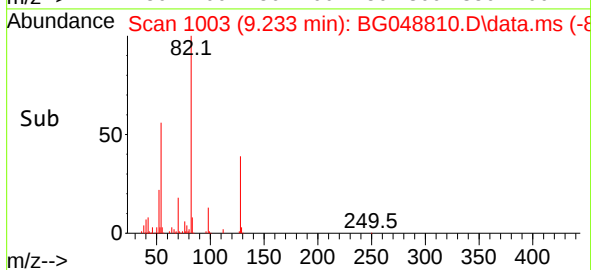
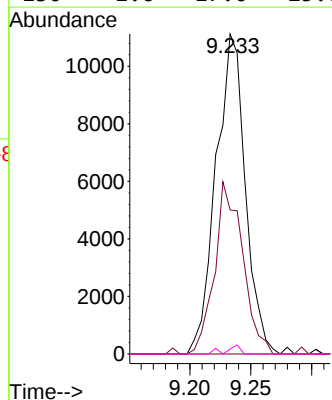
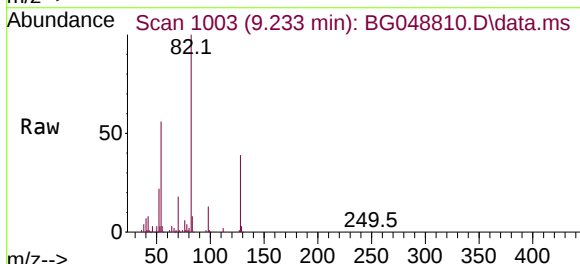
Instrument :
BNA_G
ClientSampleId :
JGD-3150-D3550-B

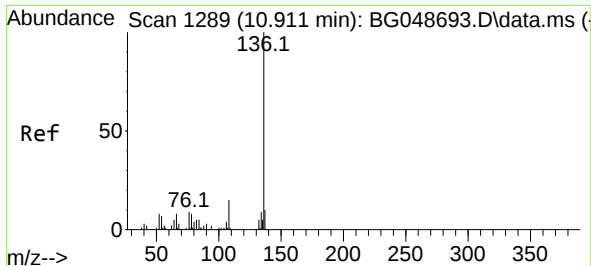
Tgt Ion: 99 Resp: 94952
Ion Ratio Lower Upper
99 100
42 26.3 20.5 30.7
71 52.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.68 ng
RT: 9.233 min Scan# 1003
Delta R.T. 0.361 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

Tgt Ion: 70 Resp: 18616
Ion Ratio Lower Upper
70 100
42 45.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#

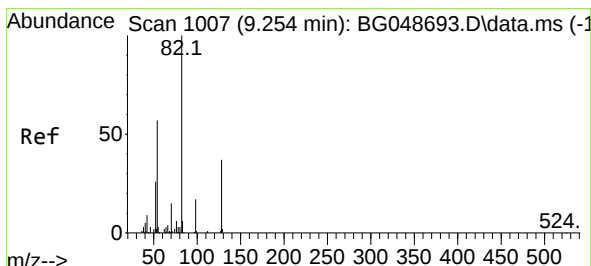
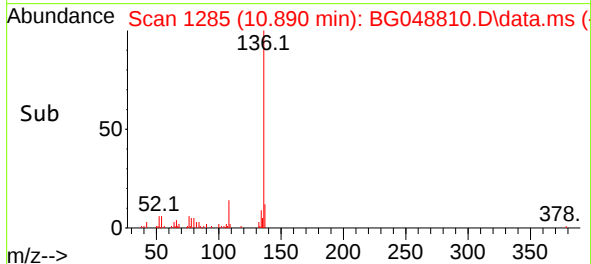
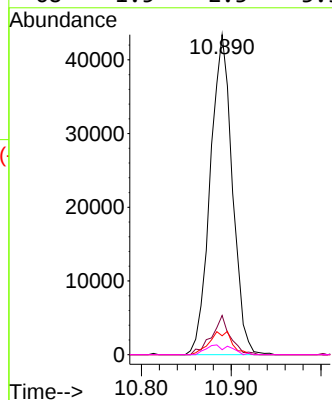
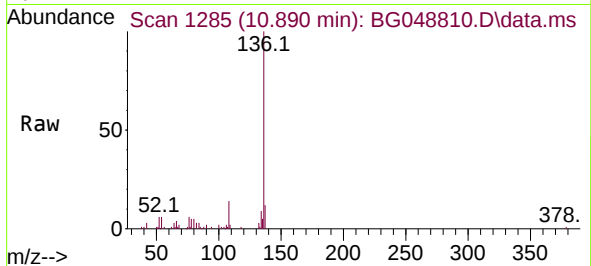




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.890 min Scan# 1285
Delta R.T. -0.003 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

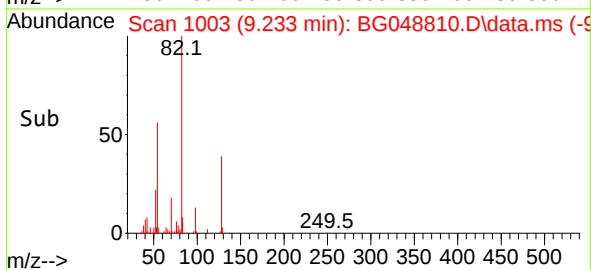
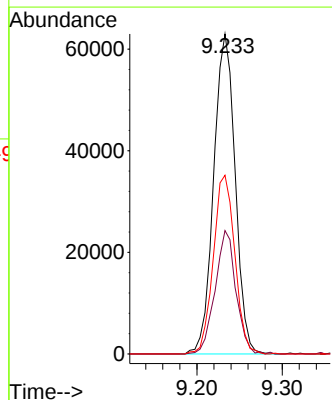
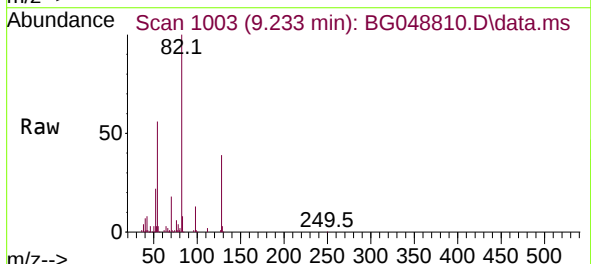
Instrument :
BNA_G
ClientSampleId :
JGD-3150-D3550-B

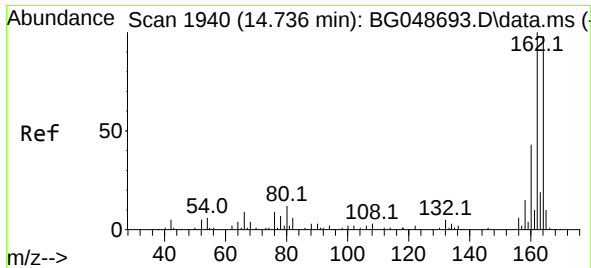
Tgt Ion:	136	Resp:	74142
Ion Ratio	Lower	Upper	
136	100		
137	12.2	8.2	12.2#
54	5.9	5.5	8.3
68	1.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 66.64 ng
RT: 9.233 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

Tgt Ion:	82	Resp:	110353
Ion Ratio	Lower	Upper	
82	100		
128	38.5	29.8	44.6
54	55.8	45.8	68.8

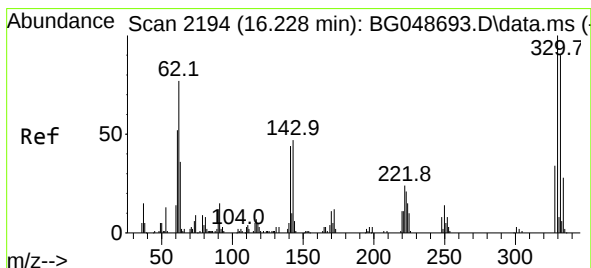
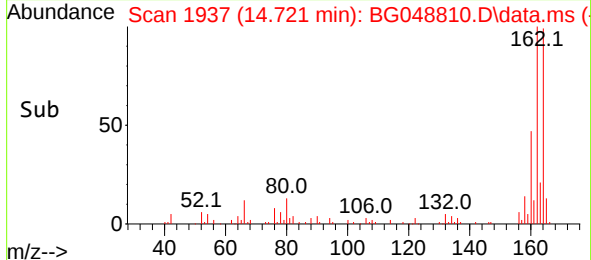
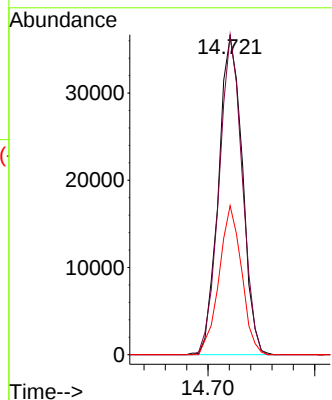
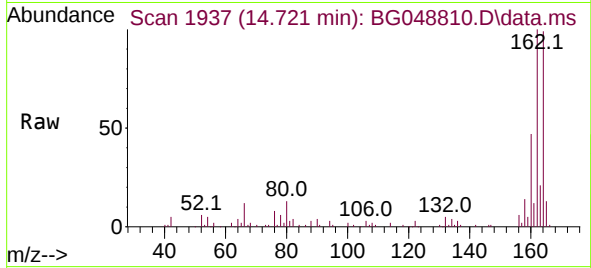




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.721 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

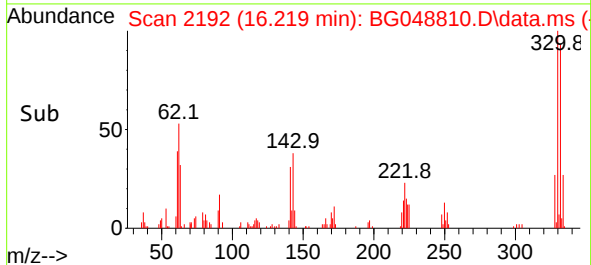
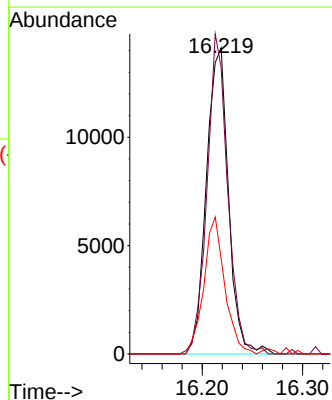
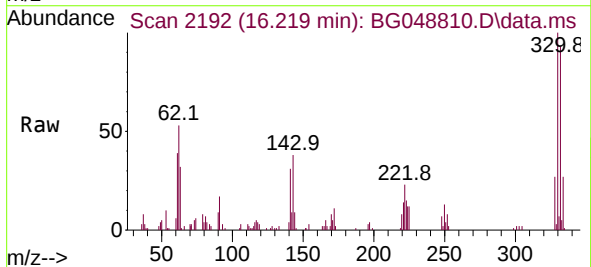
Instrument :
BNA_G
ClientSampleId :
JGD-3150-D3550-B

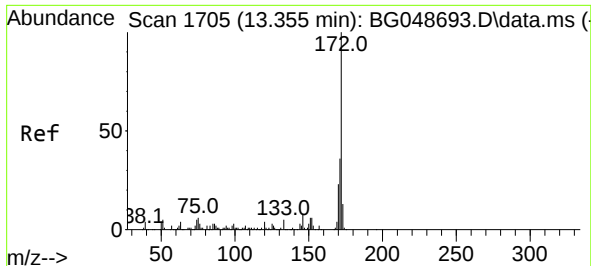
Tgt Ion:164 Resp: 56589
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 46.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 28.49 ng
RT: 16.219 min Scan# 2192
Delta R.T. 0.003 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

Tgt Ion:330 Resp: 21620
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 42.3 35.6 53.4

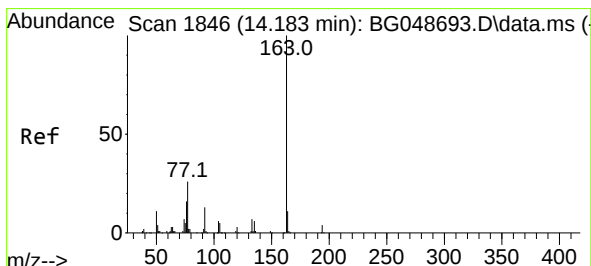
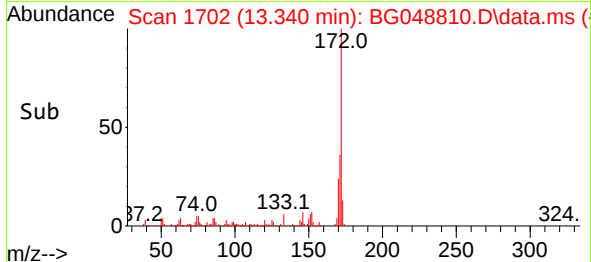
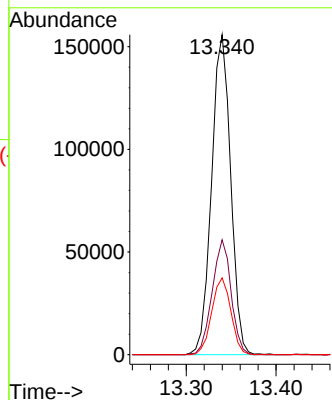
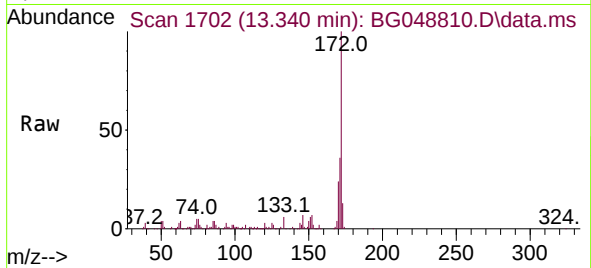




#45
2-Fluorobiphenyl
Concen: 58.68 ng
RT: 13.340 min Scan# 1702
Delta R.T. -0.003 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

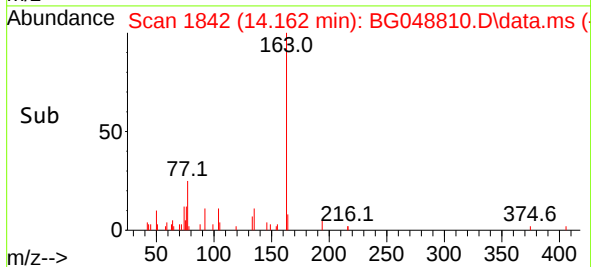
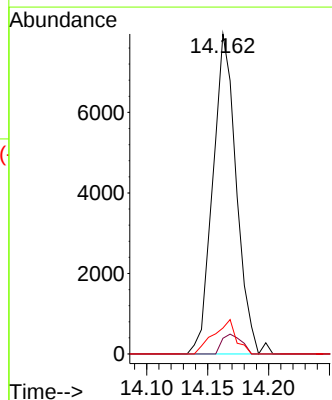
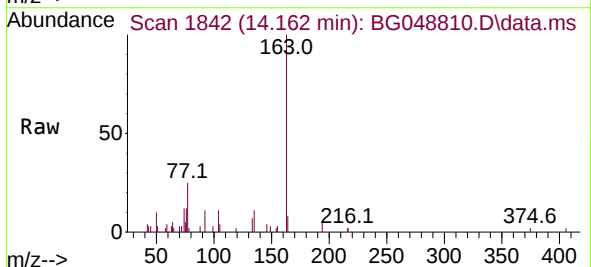
Instrument :
BNA_G
ClientSampleId :
JGD-3150-D3550-B

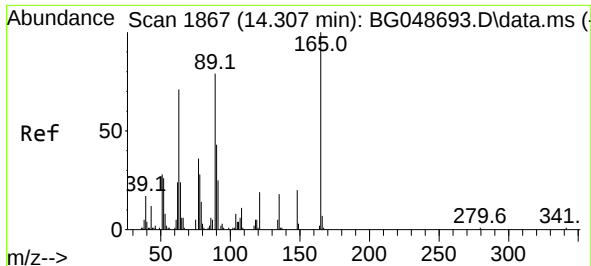
Tgt Ion:172 Resp: 229943
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.0 18.6 27.8



#50
Dimethylphthalate
Concen: 2.52 ng
RT: 14.162 min Scan# 1842
Delta R.T. -0.009 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

Tgt Ion:163 Resp: 10699
Ion Ratio Lower Upper
163 100
194 4.9 3.0 4.6#
164 8.1 8.6 12.8#

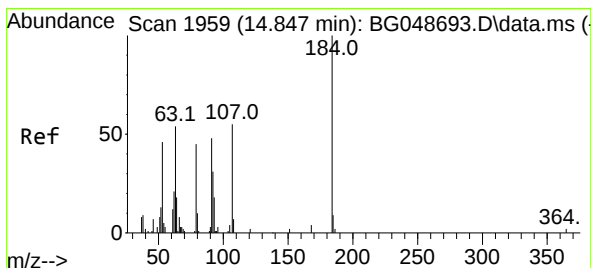
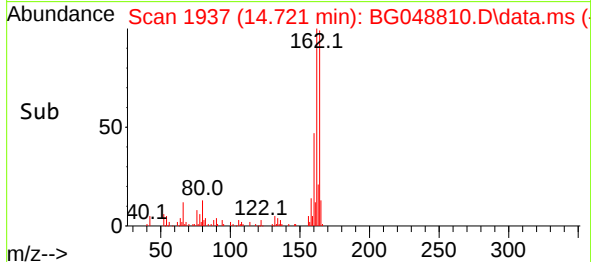
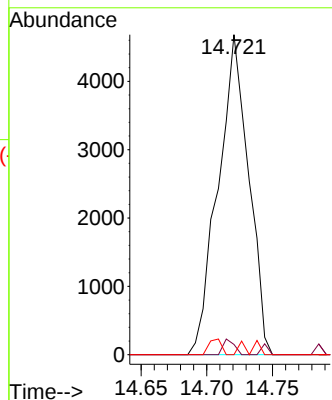
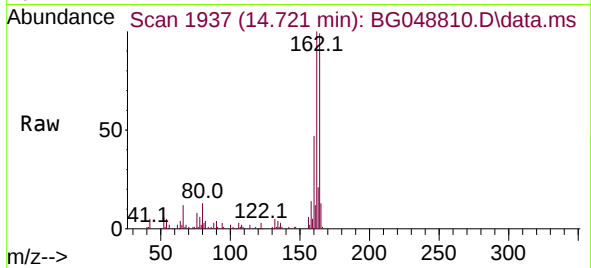




#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 14.721 min Scan# 1937
Delta R.T. 0.426 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

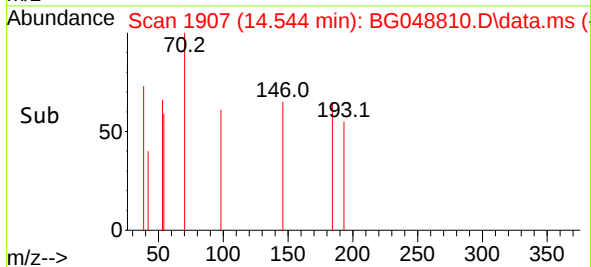
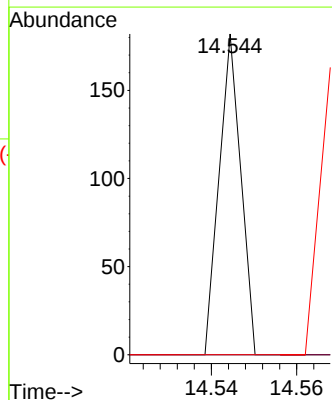
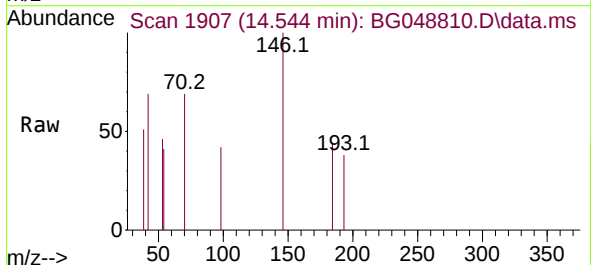
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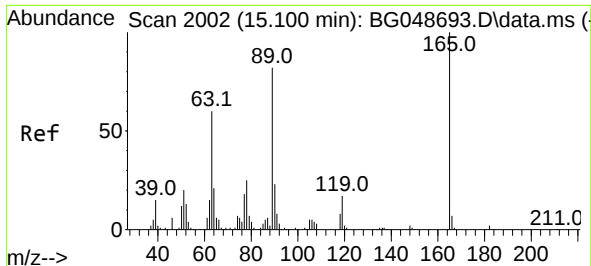
Tgt Ion:165 Resp: 7571
Ion Ratio Lower Upper
165 100
63 3.2 63.3 94.9#
89 0.0 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.38 ng
RT: 14.544 min Scan# 1907
Delta R.T. -0.291 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

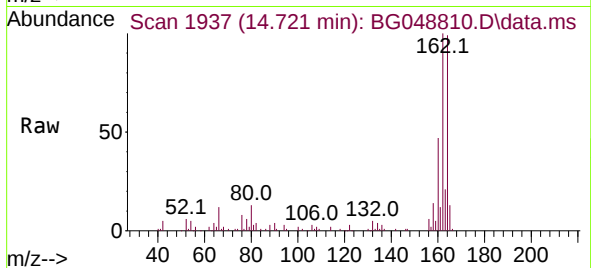
Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



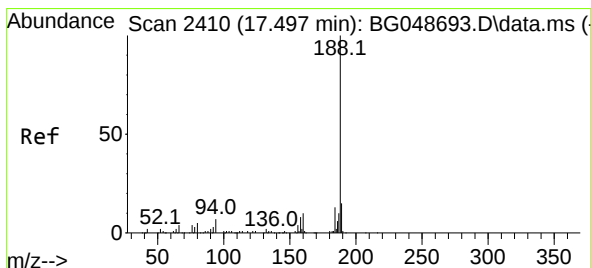
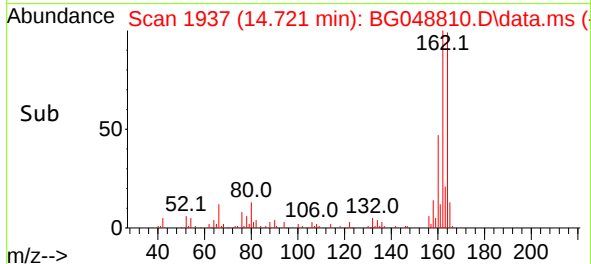
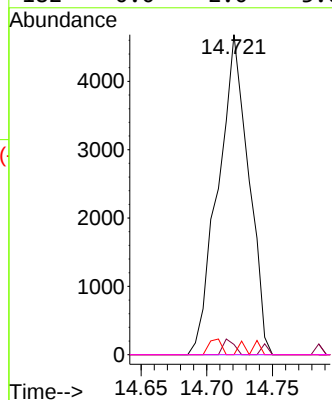


#57
2,4-Dinitrotoluene
Concen: 5.32 ng
RT: 14.721 min Scan# 1937
Delta R.T. -0.362 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

Instrument :
BNA_G
ClientSampleId :
JGD-3150-D3550-B

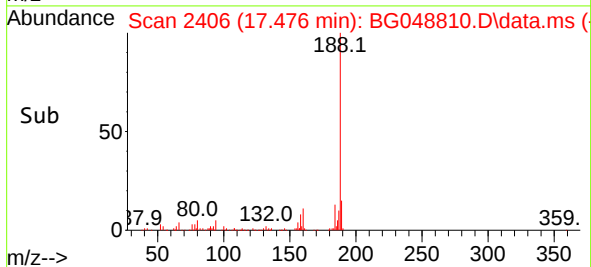
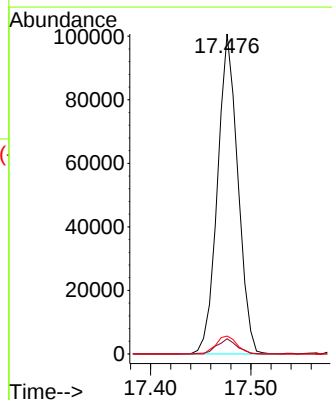
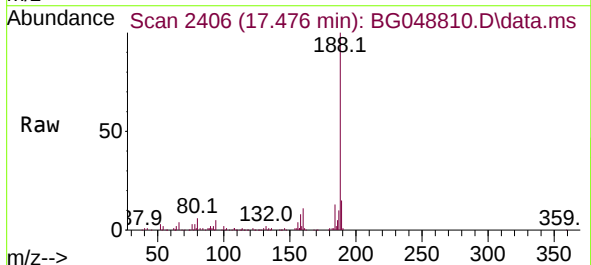


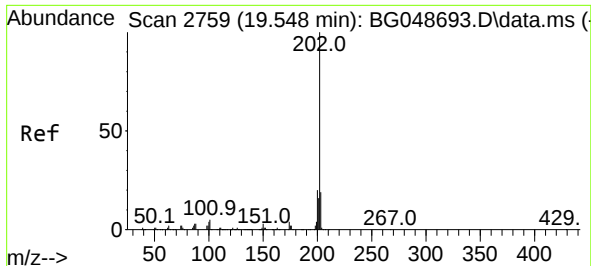
Tgt Ion:165 Resp: 7571
Ion Ratio Lower Upper
165 100
63 3.2 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.476 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

Tgt Ion:188 Resp: 141931
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 5.6 3.7 5.5#

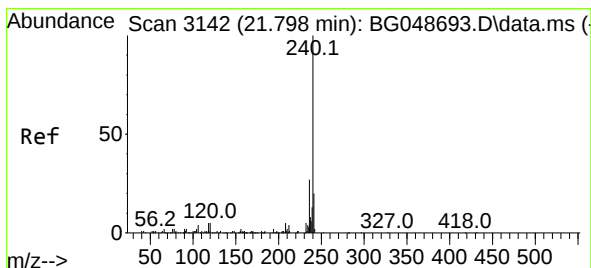
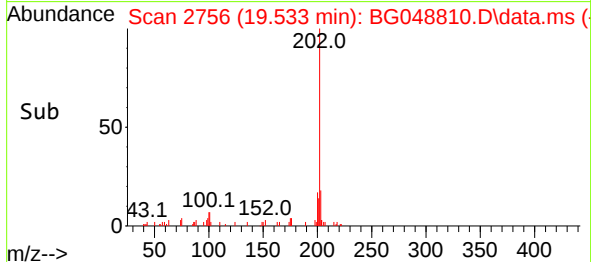
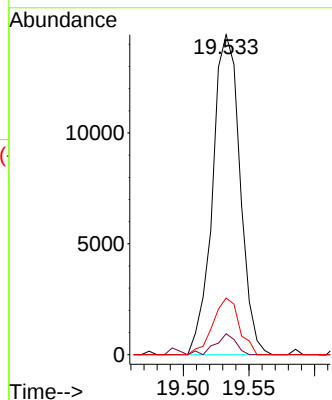
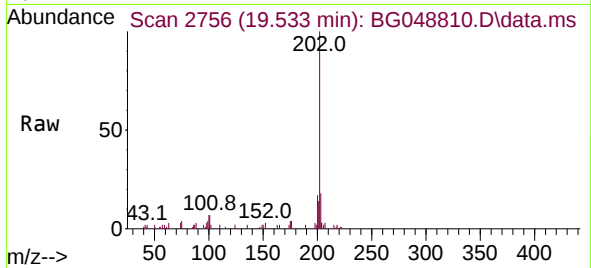




#75
Fluoranthene
Concen: 2.25 ng
RT: 19.533 min Scan# 2756
Delta R.T. -0.003 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

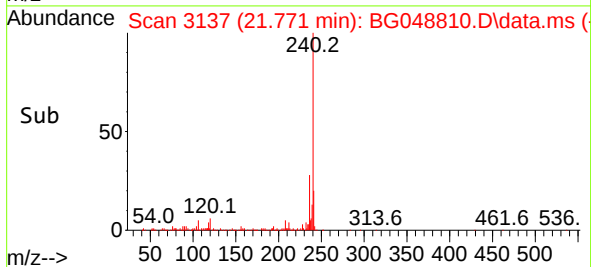
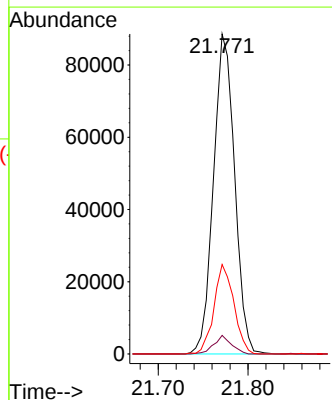
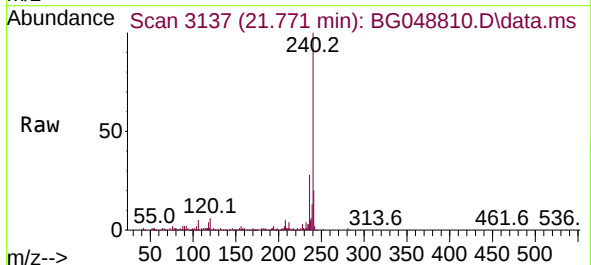
Instrument :
BNA_G
ClientSampleId :
JGD-3150-D3550-B

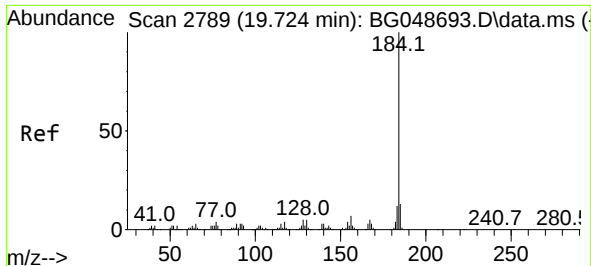
Tgt Ion:202	Resp:	21002
Ion Ratio	Lower	Upper
202	100	
101	6.6	0.0 24.7
203	20.6	0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.771 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

Tgt Ion:240	Resp:	144782
Ion Ratio	Lower	Upper
240	100	
120	5.8	4.2 6.2
236	28.0	21.8 32.6

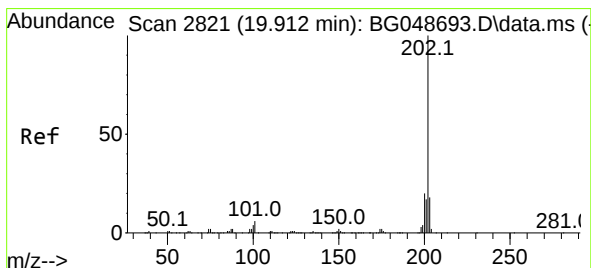
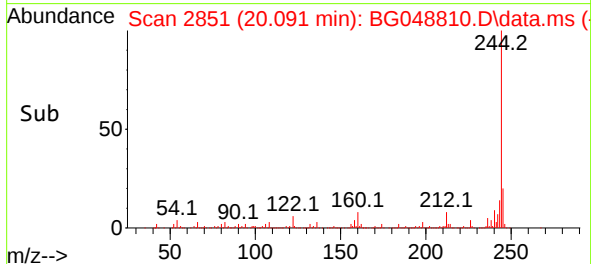
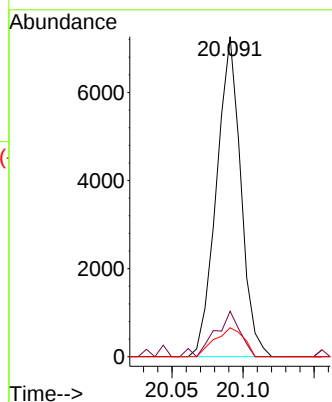
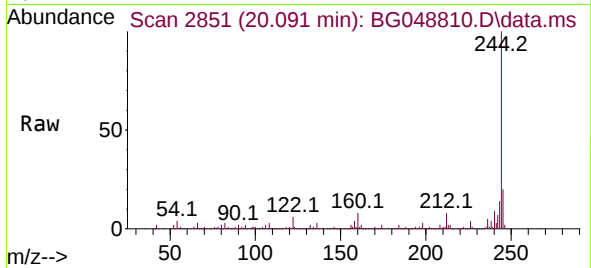




#77
Benzidine
Concen: 2.19 ng
RT: 20.091 min Scan# 2851
Delta R.T. 0.379 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

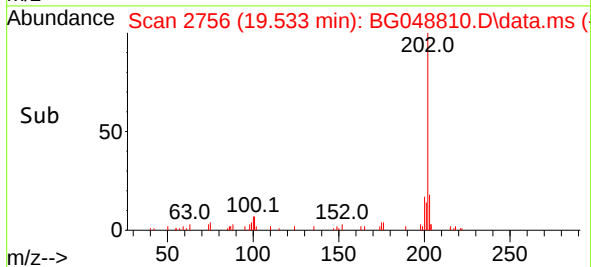
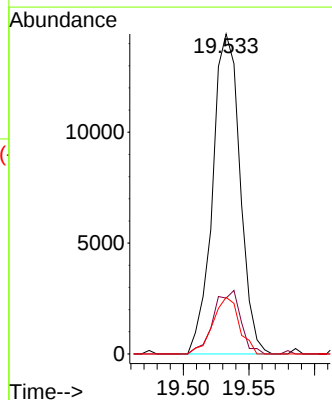
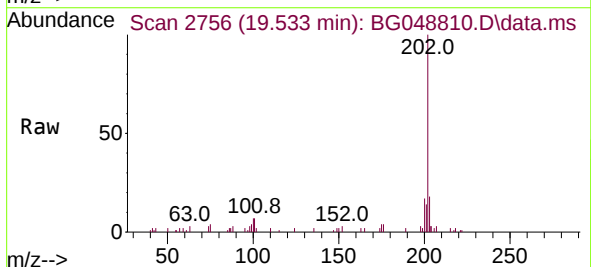
Instrument :
BNA_G
ClientSampleId :
JGD-3150-D3550-B

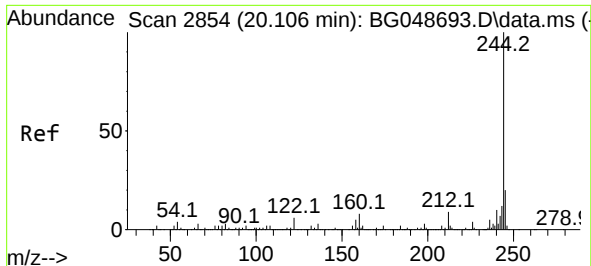
Tgt Ion:184 Resp: 8626
Ion Ratio Lower Upper
184 100
185 14.2 10.7 16.1
183 9.1 9.4 14.0#



#78
Pyrene
Concen: 2.10 ng
RT: 19.533 min Scan# 2756
Delta R.T. -0.368 min
Lab File: BG048810.D
Acq: 21 Apr 2021 1:35

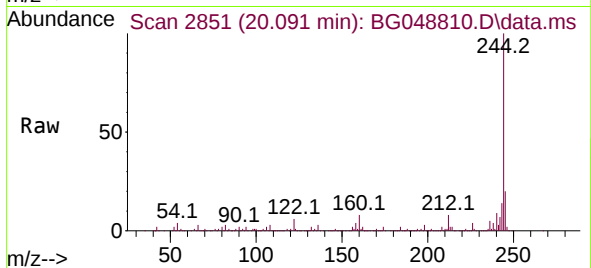
Tgt Ion:202 Resp: 21002
Ion Ratio Lower Upper
202 100
200 17.4 15.8 23.8
203 20.6 14.6 21.8



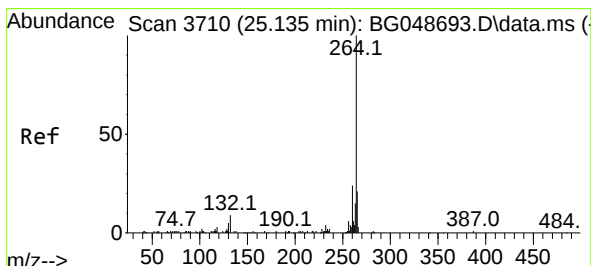
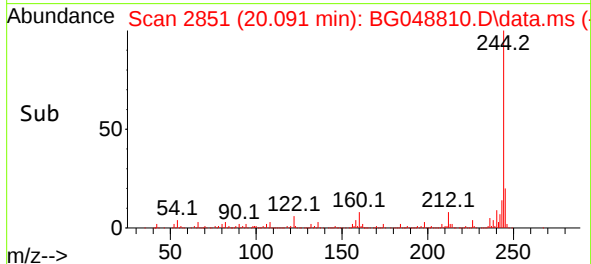
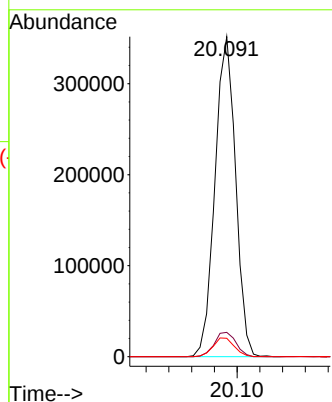


#79
 Terphenyl-d14
 Concen: 52.62 ng
 RT: 20.091 min Scan# 2851
 Delta R.T. -0.003 min
 Lab File: BG048810.D
 Acq: 21 Apr 2021 1:35

Instrument :
 BNA_G
 ClientSampleId :
 JGD-3150-D3550-B



Tgt Ion:244 Resp: 442654
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.9 10.3
 122 5.8 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.103 min Scan# 3704
 Delta R.T. -0.009 min
 Lab File: BG048810.D
 Acq: 21 Apr 2021 1:35

Tgt Ion:264 Resp: 146690
 Ion Ratio Lower Upper
 264 100
 260 21.3 19.4 29.2
 265 24.2 16.9 25.3

