

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
 Data File : BG048403.D
 Acq On : 17 Mar 2021 18:29
 Operator : CG/JU
 Sample : M1686-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-SUMMER-STREET

Quant Time: Mar 18 00:18:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 16 16:05:10 2021
 Response via : Initial Calibration

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

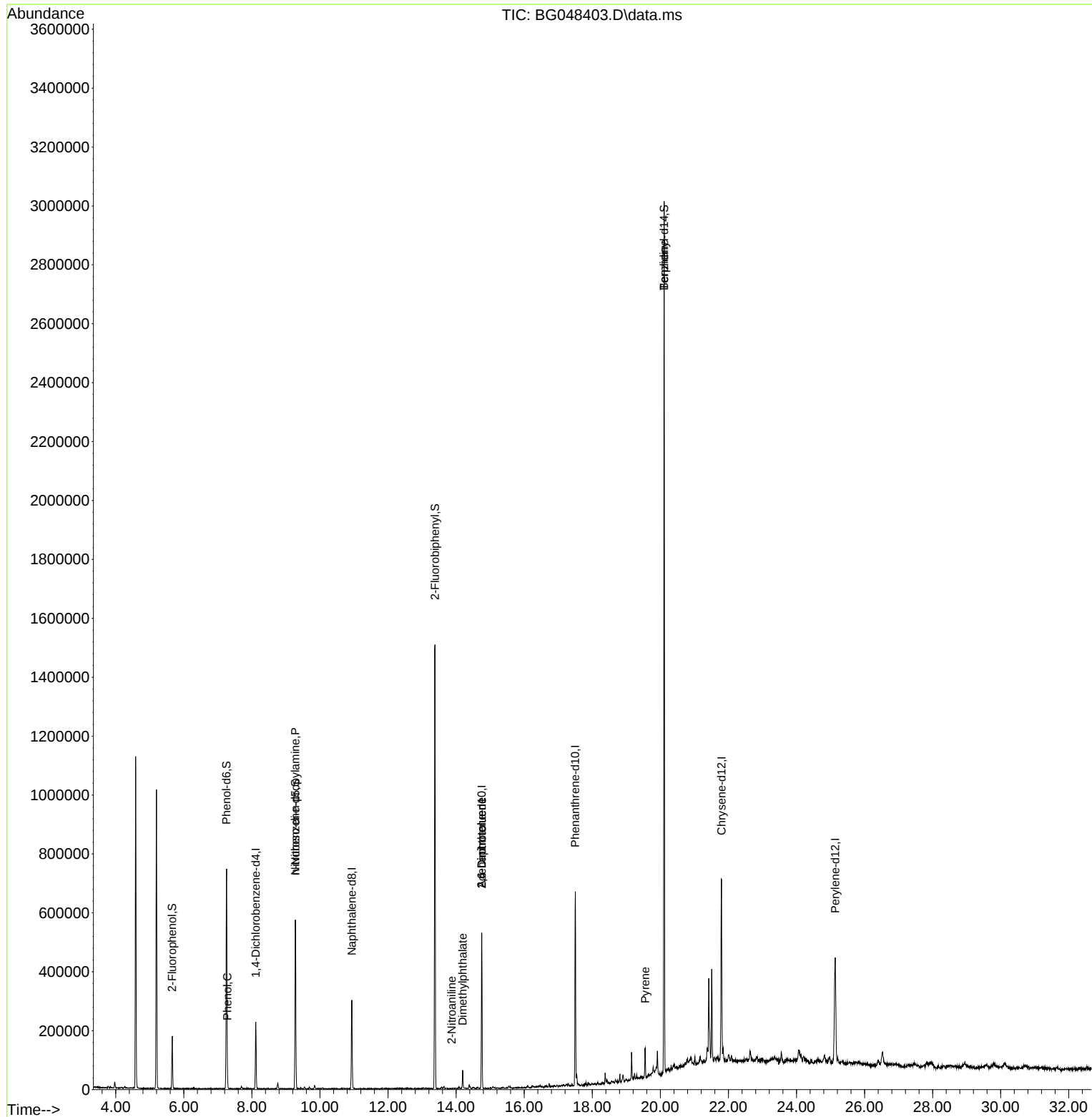
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	56424	20.00	ng	# 0.00
21) Naphthalene-d8	10.934	136	227544	20.00	ng	# 0.00
39) Acenaphthene-d10	14.754	164	182106	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	417533	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	400514	20.00	ng	# 0.00
86) Perylene-d12	25.135	264	417261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	64581	19.66	ng	0.00
7) Phenol-d6	7.256	99	365027	75.42	ng	0.00
23) Nitrobenzene-d5	9.278	82	336278	65.67	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	1313	0.56	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	749662	58.02	ng	0.00
79) Terphenyl-d14	20.112	244	1298574	62.66	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.256	77	1482	Below Cal	#	1
10) Phenol	7.280	94	13776	2.79	ng	# 52
19) n-Nitroso-di-n-propyla...	9.278	70	51163	13.72	ng	# 77
48) 2-Nitroaniline	13.872	65	145	3.51	ng	# 1
50) Dimethylphthalate	14.195	163	35873	2.56	ng	97
51) 2,6-Dinitrotoluene	14.754	165	24076	9.04	ng	# 34
57) 2,4-Dinitrotoluene	14.754	165	24076	7.74	ng	# 33
77) Benzidine	20.112	184	24137	2.33	ng	# 93
78) Pyrene	19.554	202	57525	2.16	ng	96

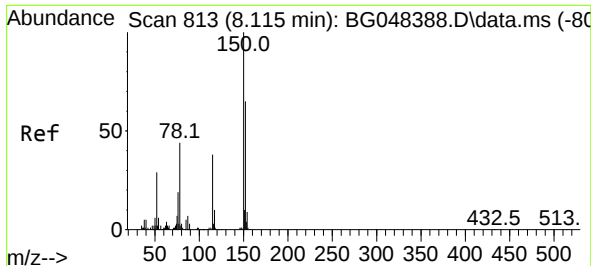
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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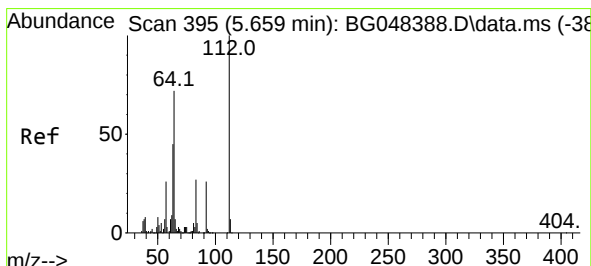
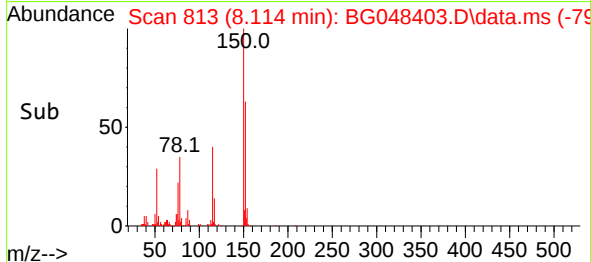
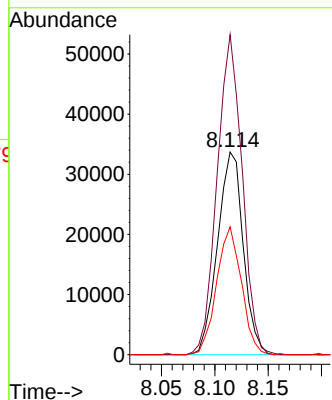
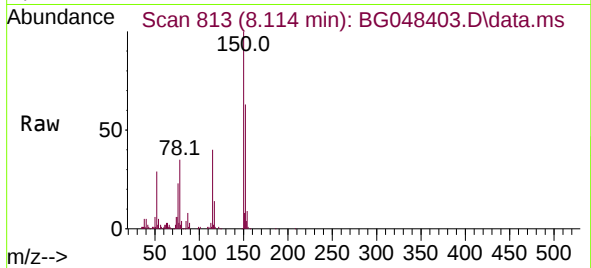




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.114 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

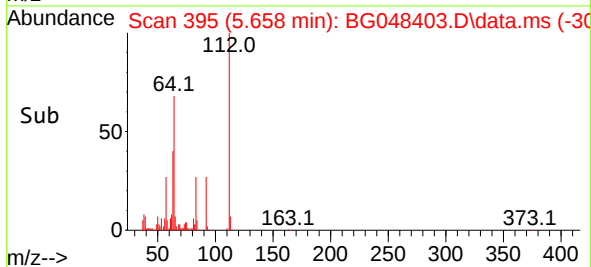
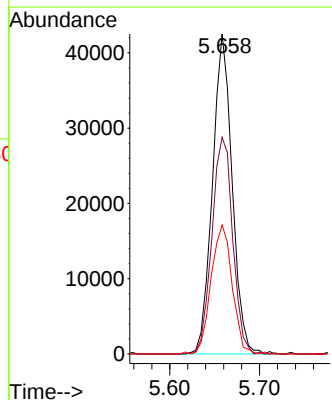
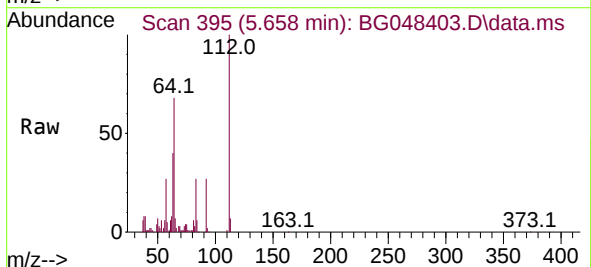
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BNA_G
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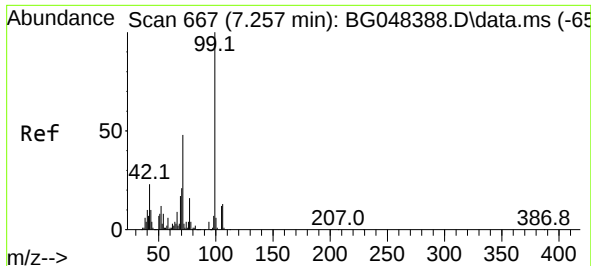
Tgt Ion:152 Resp: 56424
Ion Ratio Lower Upper
152 100
150 157.9 125.0 187.6
115 63.0 41.8 62.6#



#5
2-Fluorophenol
Concen: 19.66 ng
RT: 5.658 min Scan# 395
Delta R.T. -0.001 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

Tgt Ion:112 Resp: 64581
Ion Ratio Lower Upper
112 100
64 67.7 46.7 70.1
63 40.3 22.8 34.2#

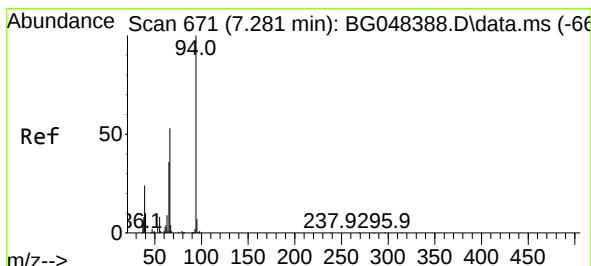
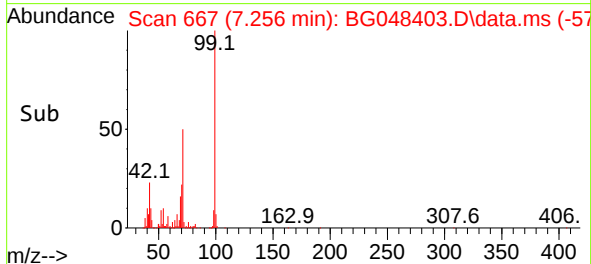
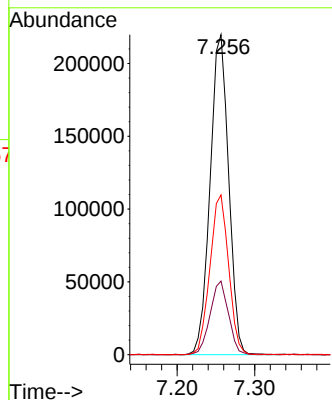
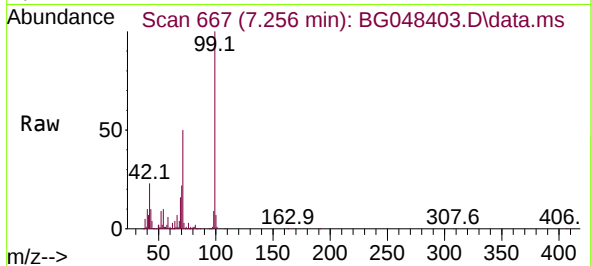




#7
Phenol-d6
Concen: 75.42 ng
RT: 7.256 min Scan# 667
Delta R.T. -0.001 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

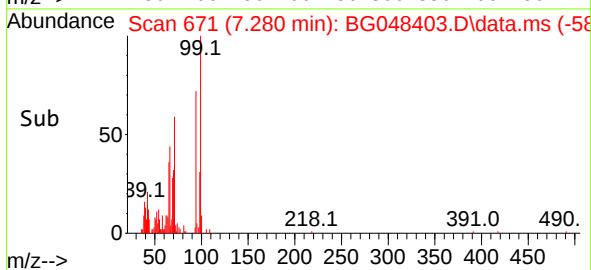
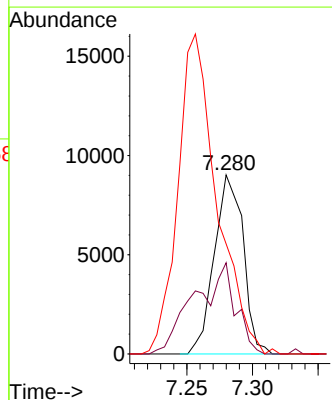
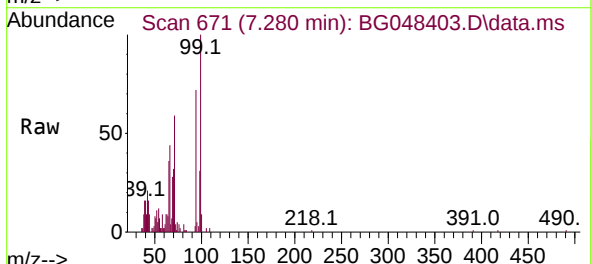
Instrument :
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ClientSampleId :
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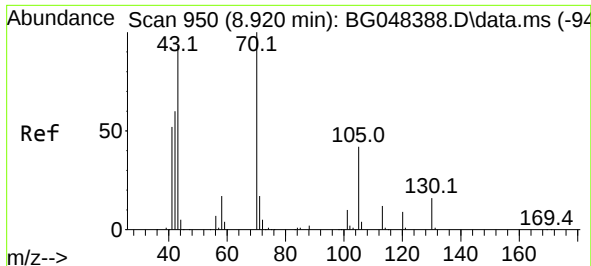
Tgt Ion: 99 Resp: 365027
Ion Ratio Lower Upper
99 100
42 23.0 12.8 19.2#
71 49.9 24.6 36.8#



#10
Phenol
Concen: 2.79 ng
RT: 7.280 min Scan# 671
Delta R.T. -0.001 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

Tgt Ion: 94 Resp: 13776
Ion Ratio Lower Upper
94 100
65 50.9 6.6 46.6#
66 61.5 13.9 53.9#

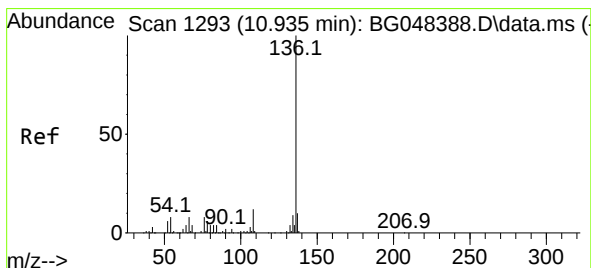
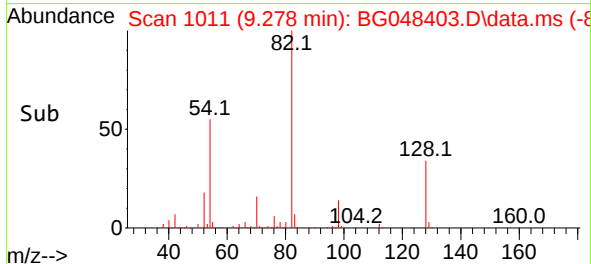
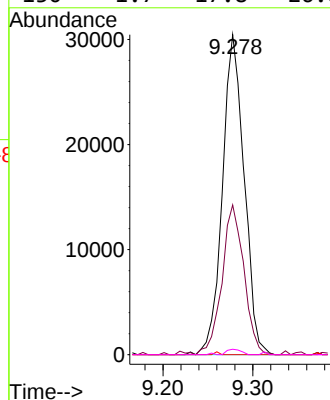
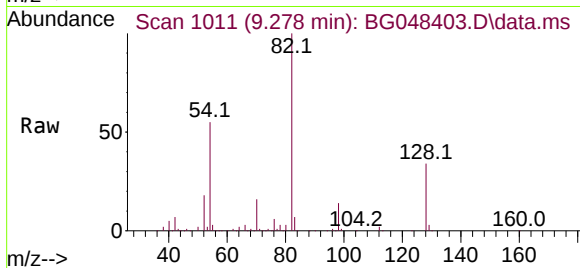




#19
n-Nitroso-di-n-propylamine
Concen: 13.72 ng
RT: 9.278 min Scan# 1011
Delta R.T. 0.357 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

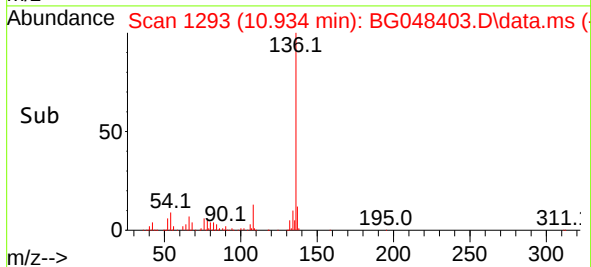
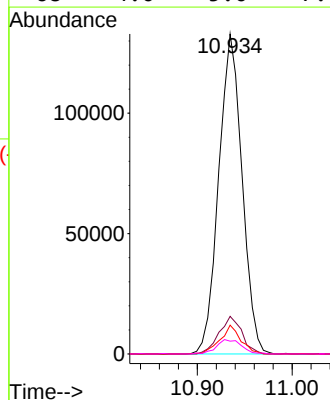
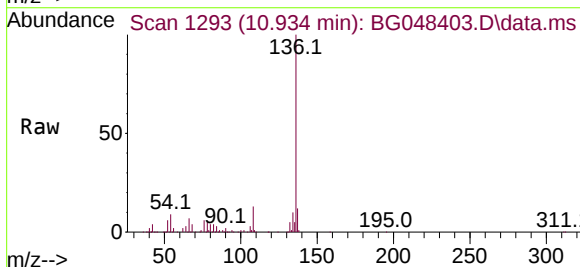
Instrument :
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ClientSampleId :
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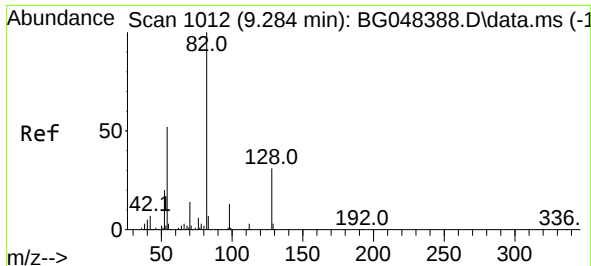
Tgt Ion:	70	Resp:	51163
Ion Ratio	Lower	Upper	
70	100		
42	46.8	45.6	68.4
101	0.0	8.4	12.6#
130	1.7	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.934 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

Tgt Ion:	136	Resp:	227544
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	9.0	6.2	9.4
68	4.0	5.0	7.4#

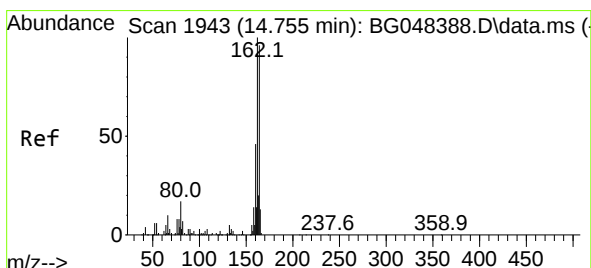
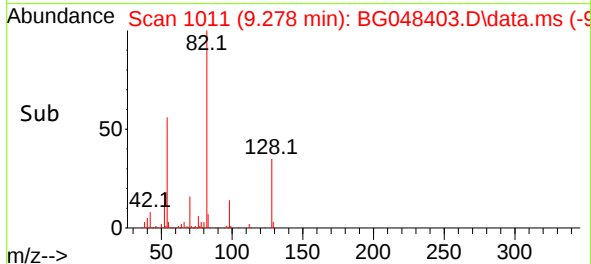
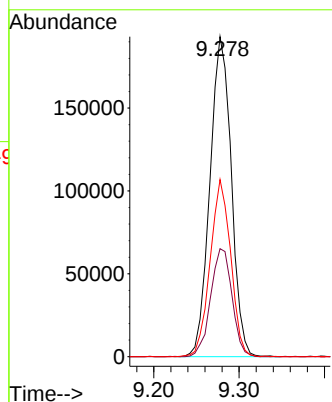
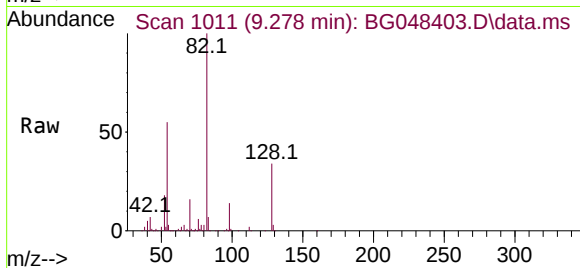




#23
Nitrobenzene-d5
Concen: 65.67 ng
RT: 9.278 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

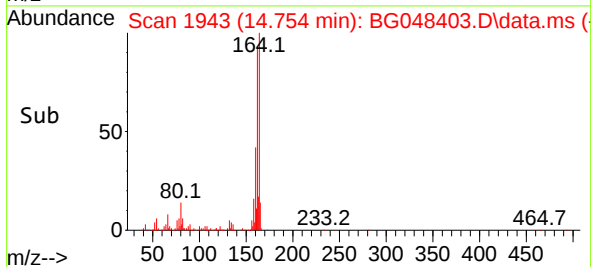
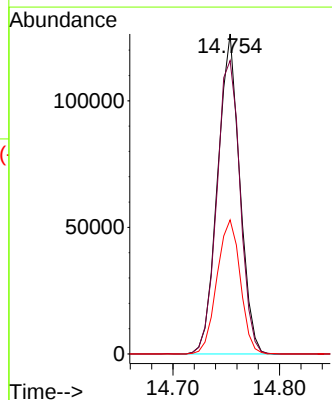
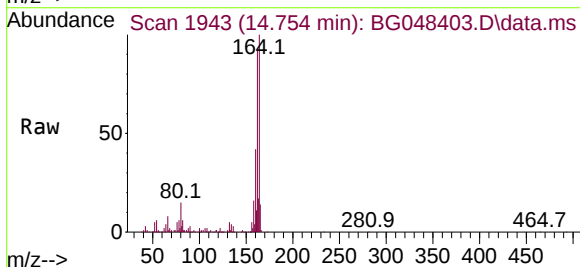
Instrument :
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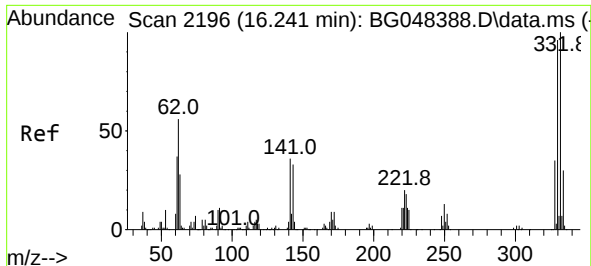
Tgt Ion: 82 Resp: 336278
Ion Ratio Lower Upper
82 100
128 33.8 37.0 55.6#
54 55.4 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.754 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

Tgt Ion:164 Resp: 182106
Ion Ratio Lower Upper
164 100
162 91.7 82.3 123.5
160 41.9 35.3 52.9

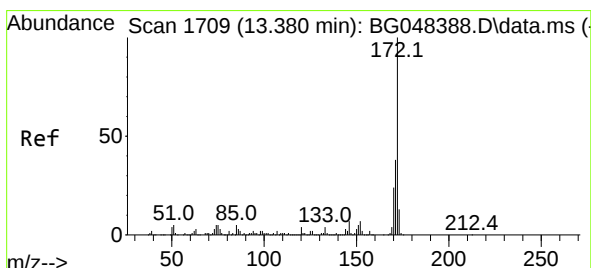
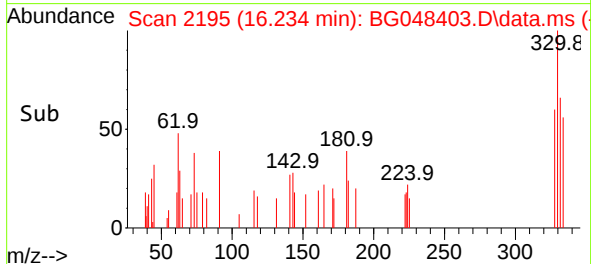
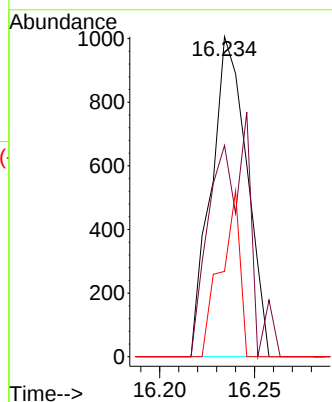
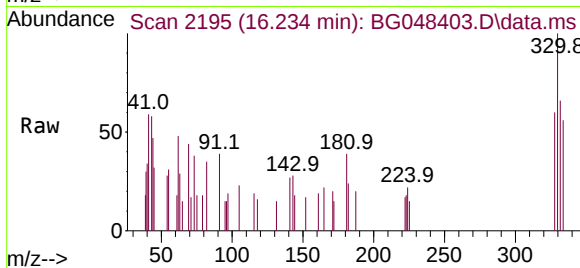




#42
2,4,6-Tribromophenol
Concen: 0.56 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.007 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

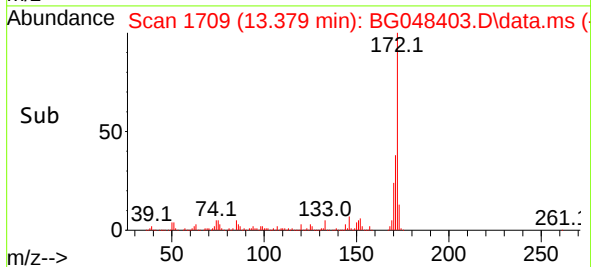
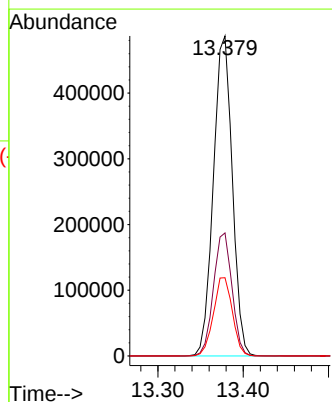
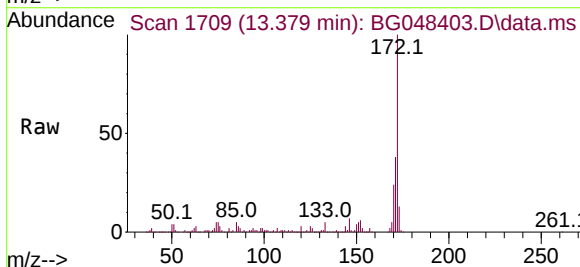
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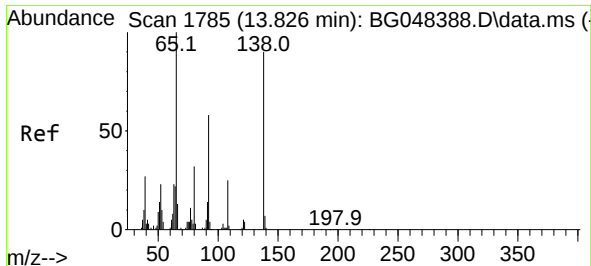
Tgt Ion:	330	Resp:	1313
Ion	Ratio	Lower	Upper
330	100		
332	78.0	76.5	114.7
141	28.2	26.0	39.0



#45
2-Fluorobiphenyl
Concen: 58.02 ng
RT: 13.379 min Scan# 1709
Delta R.T. -0.001 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

Tgt Ion:	172	Resp:	749662
Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	24.4	20.8	31.2

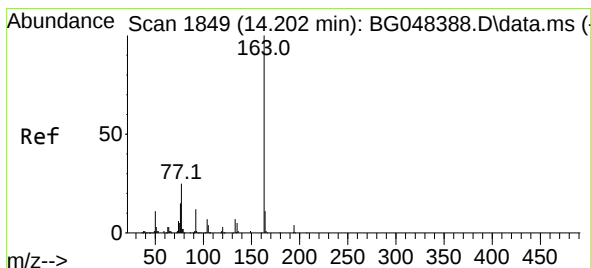
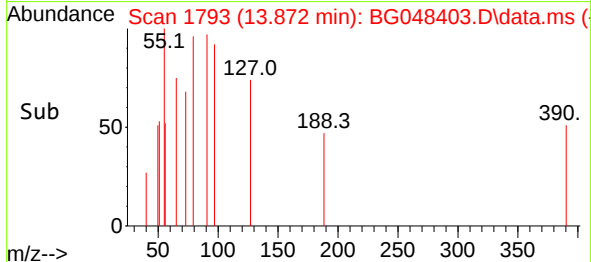
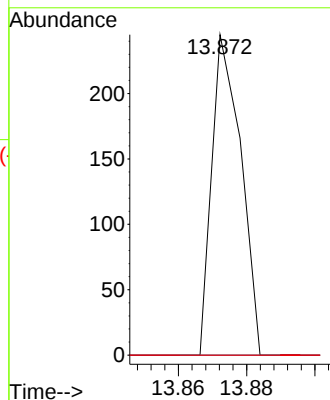
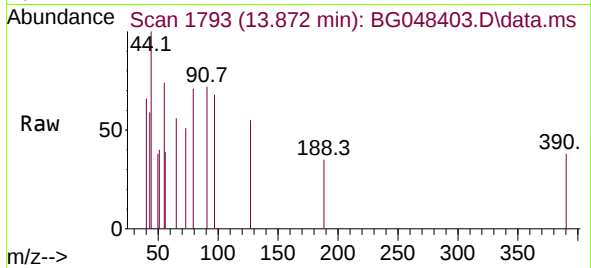




#48
2-Nitroaniline
Concen: 3.51 ng
RT: 13.872 min Scan# 1793
Delta R.T. 0.046 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

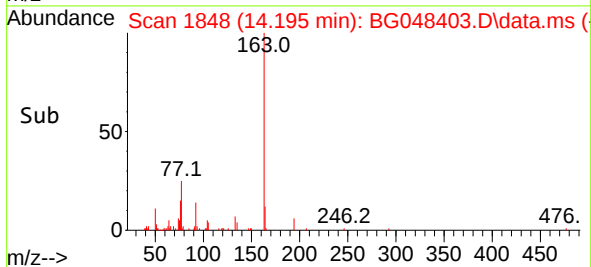
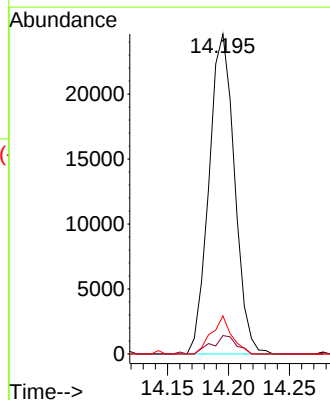
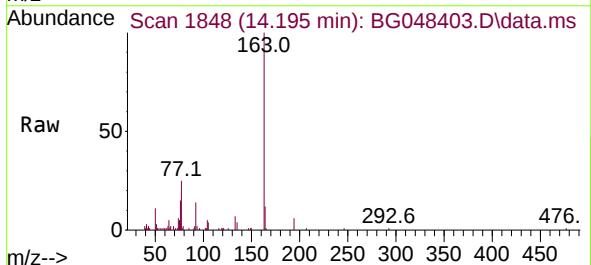
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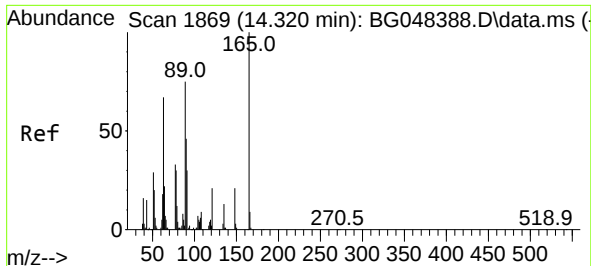
Tgt Ion: 65 Resp: 145
Ion Ratio Lower Upper
65 100
92 0.0 58.6 88.0#
138 0.0 98.2 147.4#



#50
Dimethylphthalate
Concen: 2.56 ng
RT: 14.195 min Scan# 1848
Delta R.T. -0.007 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

Tgt Ion:163 Resp: 35873
Ion Ratio Lower Upper
163 100
194 5.7 3.8 5.8
164 11.9 8.8 13.2

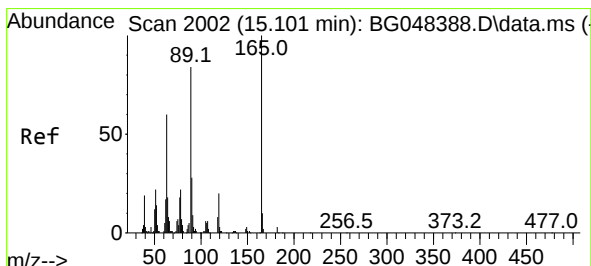
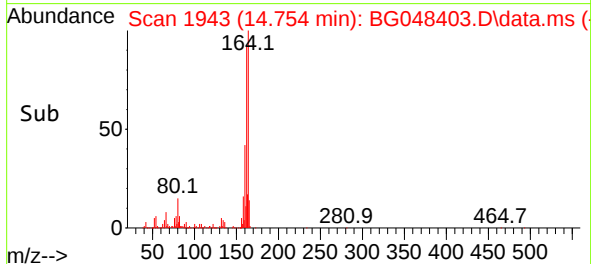
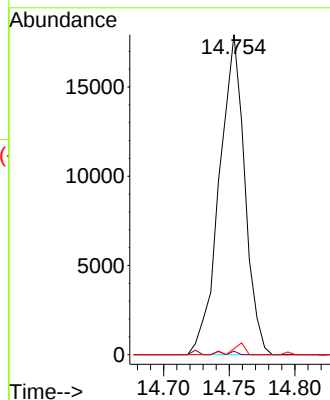
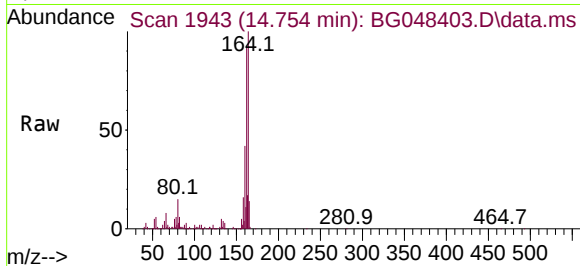




#51
2,6-Dinitrotoluene
Concen: 9.04 ng
RT: 14.754 min Scan# 1943
Delta R.T. 0.434 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

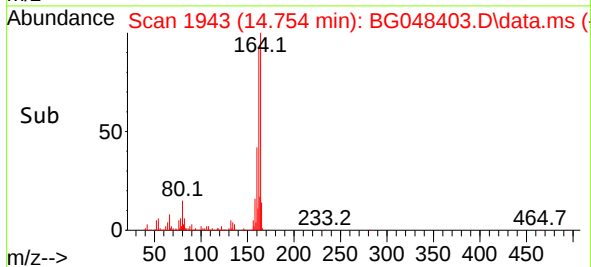
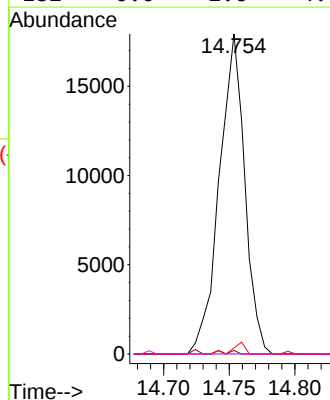
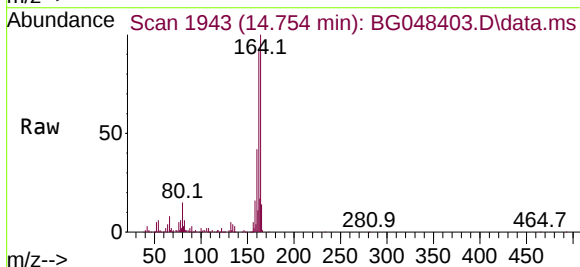
Instrument :
BNA_G
ClientSampleId :
SW-SUMMER-STREET

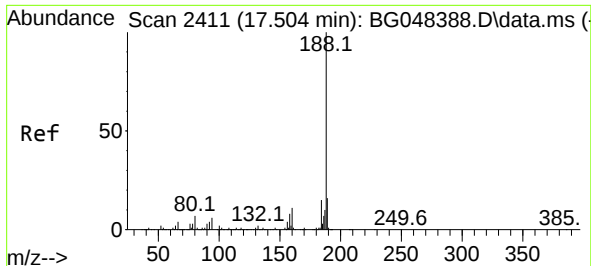
Tgt Ion:165 Resp: 24076
Ion Ratio Lower Upper
165 100
63 1.1 33.7 50.5#
89 1.9 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.74 ng
RT: 14.754 min Scan# 1943
Delta R.T. -0.347 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

Tgt Ion:165 Resp: 24076
Ion Ratio Lower Upper
165 100
63 1.1 26.4 39.6#
89 1.9 47.8 71.8#
182 0.0 2.6 4.0#

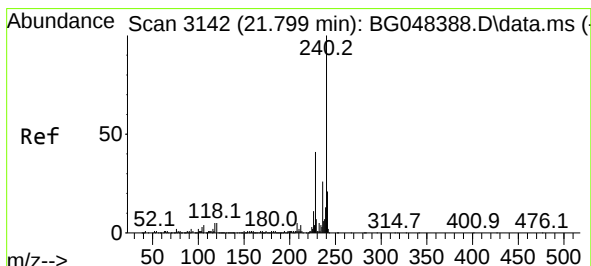
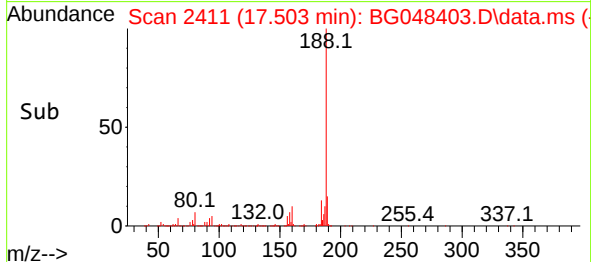
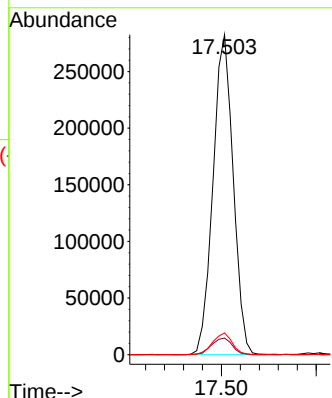
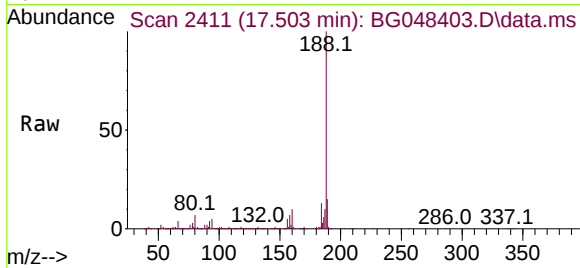




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.001 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

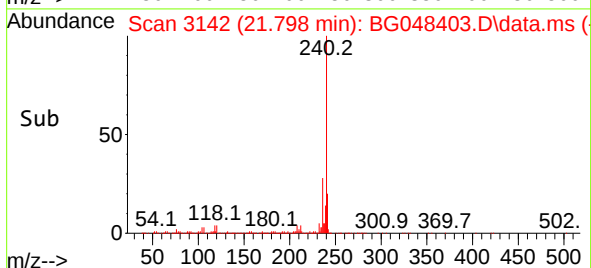
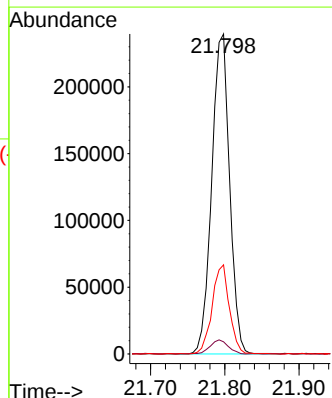
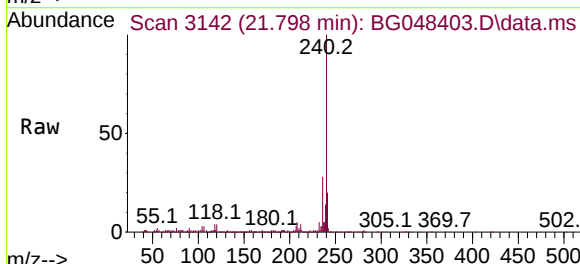
Instrument :
BNA_G
ClientSampleId :
SW-SUMMER-STREET

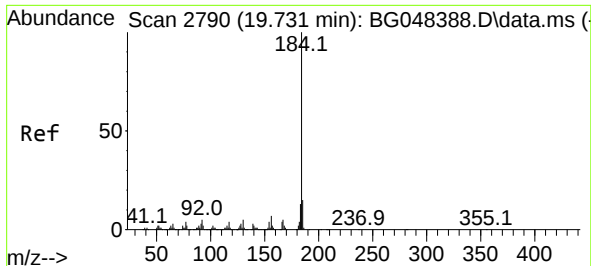
Tgt Ion:188 Resp: 417533
Ion Ratio Lower Upper
188 100
94 5.2 6.3 9.5#
80 6.8 7.0 10.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.001 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

Tgt Ion:240 Resp: 400514
Ion Ratio Lower Upper
240 100
120 3.8 6.2 9.4#
236 27.9 20.5 30.7

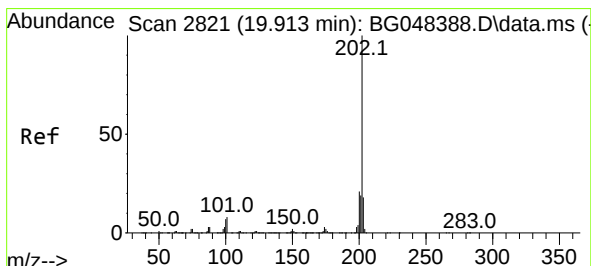
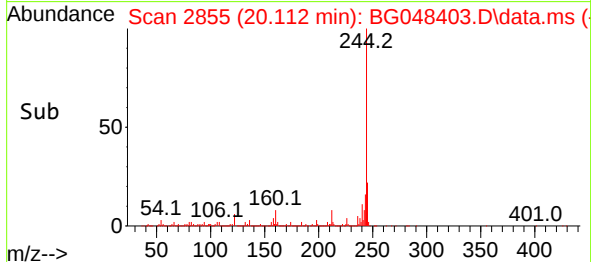
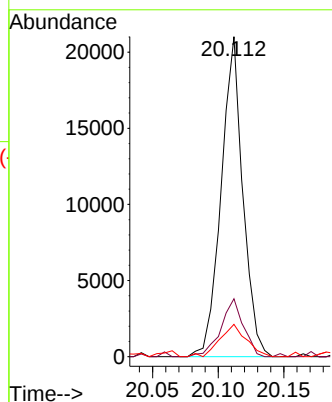
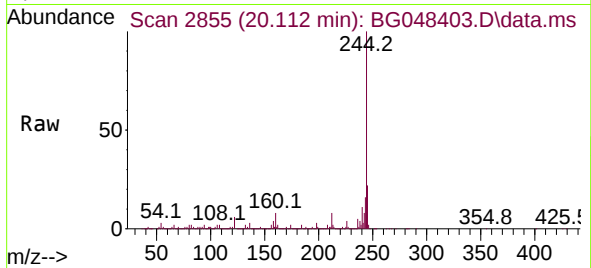




#77
Benzidine
Concen: 2.33 ng
RT: 20.112 min Scan# 2855
Delta R.T. 0.381 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

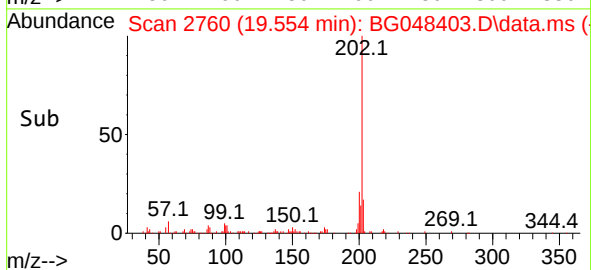
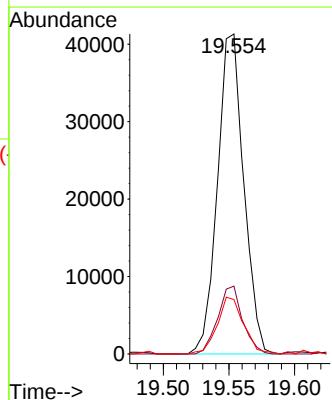
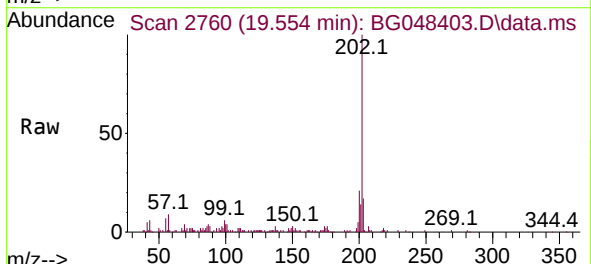
Instrument :
BNA_G
ClientSampleId :
SW-SUMMER-STREET

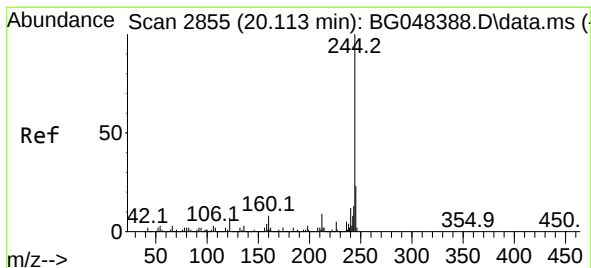
Tgt Ion:184 Resp: 24137
Ion Ratio Lower Upper
184 100
185 18.1 12.4 18.6
183 10.1 10.6 15.8#



#78
Pyrene
Concen: 2.16 ng
RT: 19.554 min Scan# 2760
Delta R.T. -0.359 min
Lab File: BG048403.D
Acq: 17 Mar 2021 18:29

Tgt Ion:202 Resp: 57525
Ion Ratio Lower Upper
202 100
200 21.2 18.6 27.8
203 17.0 15.3 22.9





#79

Terphenyl-d14

Concen: 62.66 ng

RT: 20.112 min Scan# 2855

Delta R.T. -0.001 min

Lab File: BG048403.D

Acq: 17 Mar 2021 18:29

Instrument :

BNA_G

ClientSampleId :

SW-SUMMER-STREET

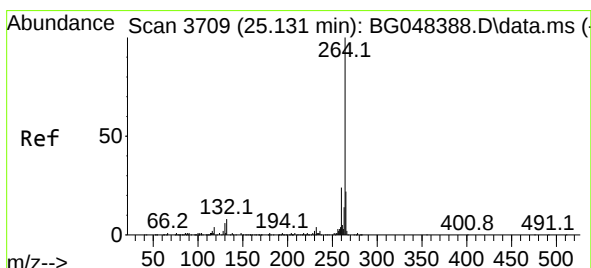
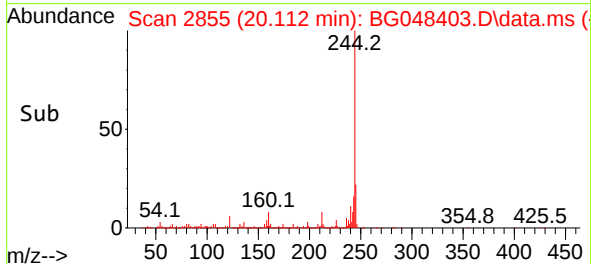
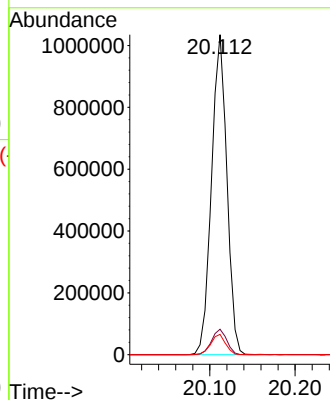
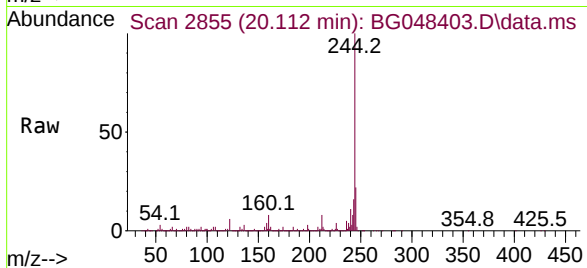
Tgt Ion:244 Resp: 1298574

Ion Ratio Lower Upper

244 100

212 7.9 6.7 10.1

122 6.3 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.135 min Scan# 3710

Delta R.T. 0.005 min

Lab File: BG048403.D

Acq: 17 Mar 2021 18:29

Tgt Ion:264 Resp: 417261

Ion Ratio Lower Upper

264 100

260 22.2 18.8 28.2

265 20.4 17.8 26.8

