

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
 Data File : BG048020.D
 Acq On : 26 Jan 2021 23:57
 Operator : CG/JU
 Sample : M1244-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BP24

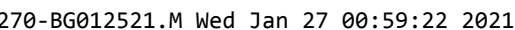
Quant Time: Jan 27 00:59:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

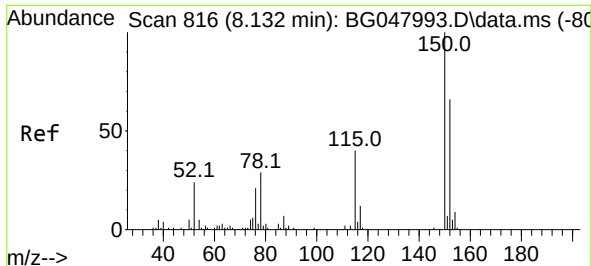
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.132	152	36343	20.00	ng	0.00
21) Naphthalene-d8	10.941	136	148066	20.00	ng	0.00
39) Acenaphthene-d10	14.748	164	124175	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	336424	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	342921	20.00	ng	#-0.01
86) Perylene-d12	25.053	264	341146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	183120	77.44	ng	0.00
7) Phenol-d6	7.274	99	131835	36.67	ng	0.00
23) Nitrobenzene-d5	9.290	82	291600	77.92	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	100108	48.40	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	763721	79.52	ng	0.00
79) Terphenyl-d14	20.095	244	1425924	72.10	ng	0.00
Target Compounds						
10) Phenol	7.298	94	13654	3.96	ng	Qvalue 94
19) n-Nitroso-di-n-propyla...	9.290	70	42105	16.04	ng	# 75
50) Dimethylphthalate	14.196	163	47731	4.25	ng	# 97
51) 2,6-Dinitrotoluene	14.748	165	16802	7.19	ng	# 32
57) 2,4-Dinitrotoluene	14.748	165	16802	4.98	ng	# 30
77) Benzidine	20.095	184	25257	2.55	ng	100

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

Quant Time: Jan 27 00:59:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

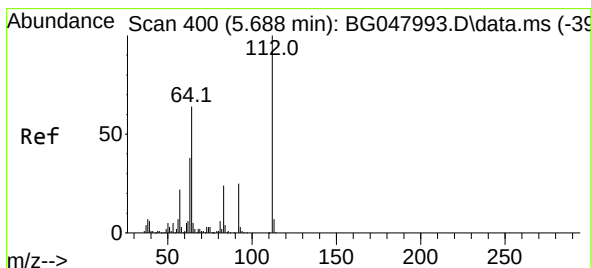
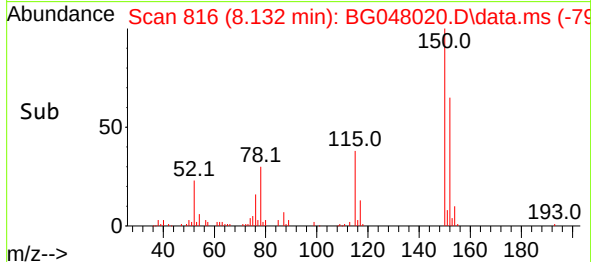
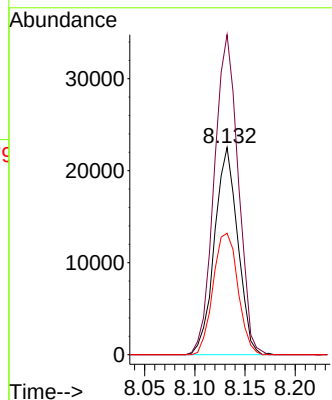
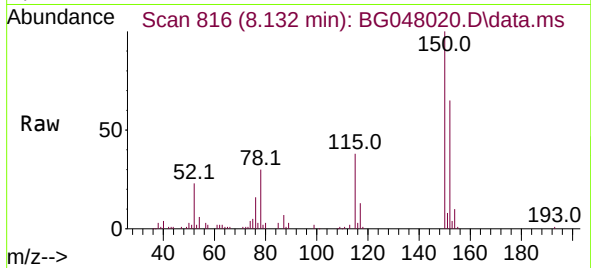




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.132 min Scan# 816
Delta R.T. 0.000 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

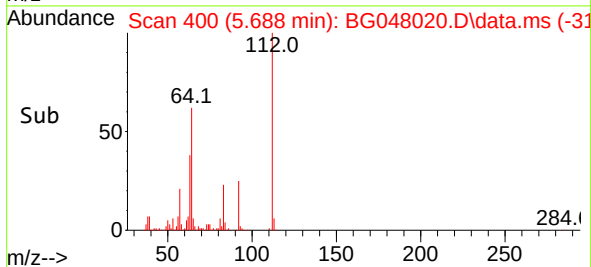
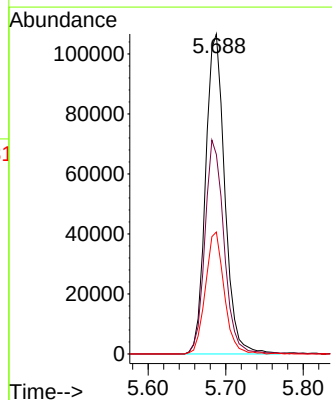
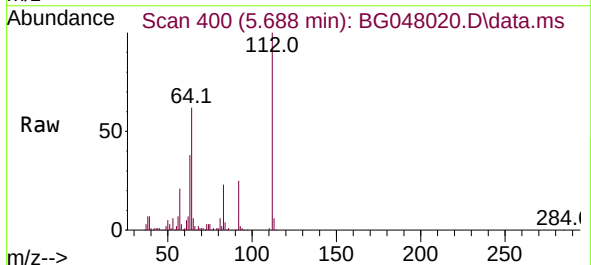
Instrument :
BNA_G
ClientSampleId :
FB-BP24

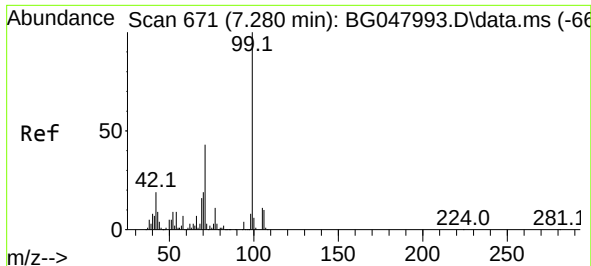
Tgt Ion:152 Resp: 36343
Ion Ratio Lower Upper
152 100
150 154.4 125.0 187.6
115 58.6 41.8 62.6



#5
2-Fluorophenol
Concen: 77.44 ng
RT: 5.688 min Scan# 400
Delta R.T. -0.000 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

Tgt Ion:112 Resp: 183120
Ion Ratio Lower Upper
112 100
64 62.3 46.7 70.1
63 38.1 22.8 34.2#

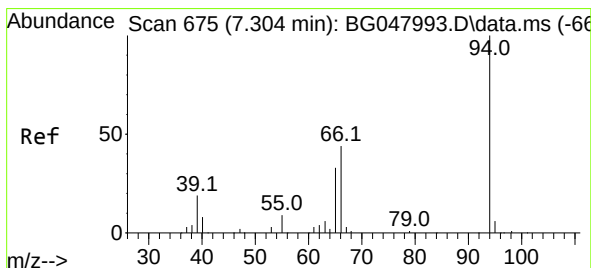
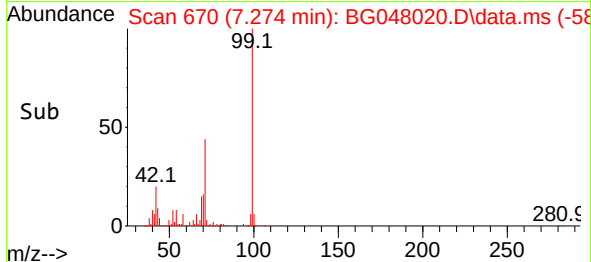
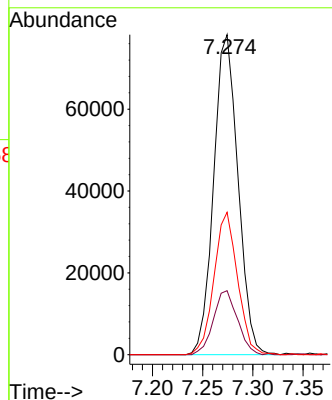
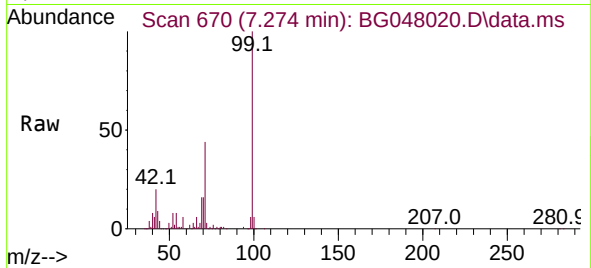




#7
Phenol-d6
Concen: 36.67 ng
RT: 7.274 min Scan# 670
Delta R.T. -0.006 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

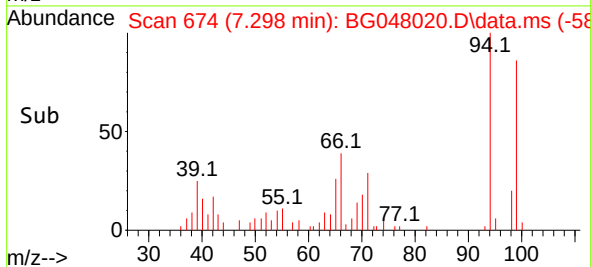
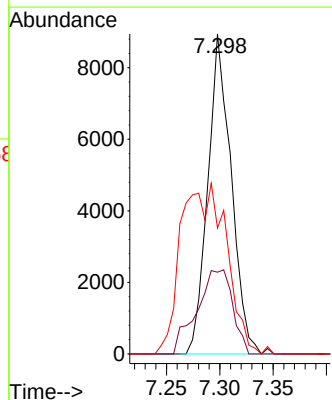
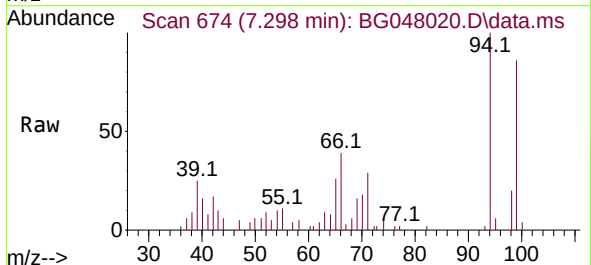
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ClientSampleId :
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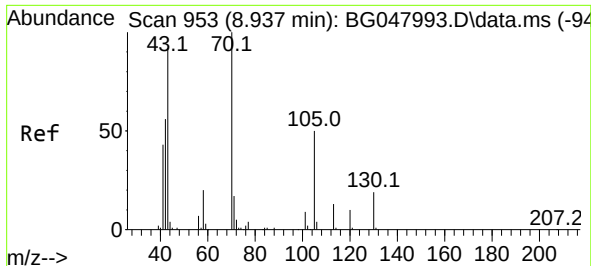
Tgt Ion: 99 Resp: 131835
Ion Ratio Lower Upper
99 100
42 20.0 12.8 19.2#
71 44.5 24.6 36.8#



#10
Phenol
Concen: 3.96 ng
RT: 7.298 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

Tgt Ion: 94 Resp: 13654
Ion Ratio Lower Upper
94 100
65 25.5 6.6 46.6
66 39.4 13.9 53.9

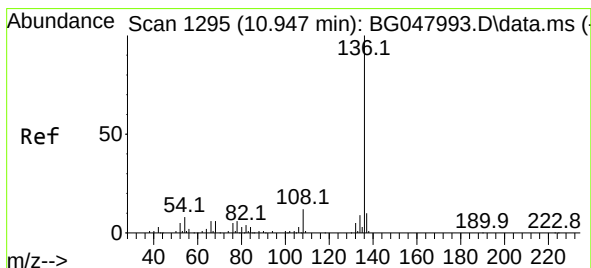
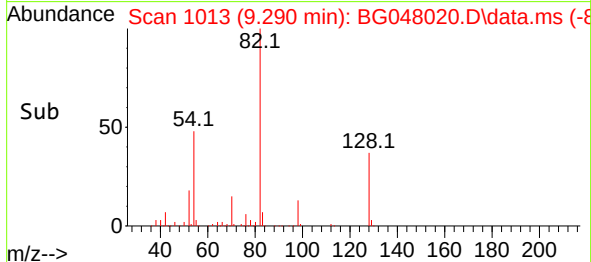
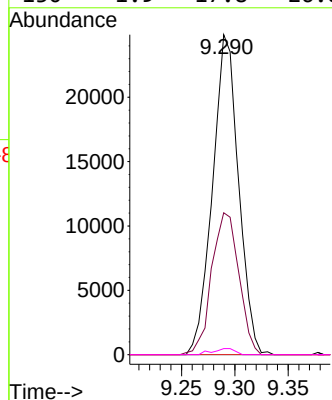
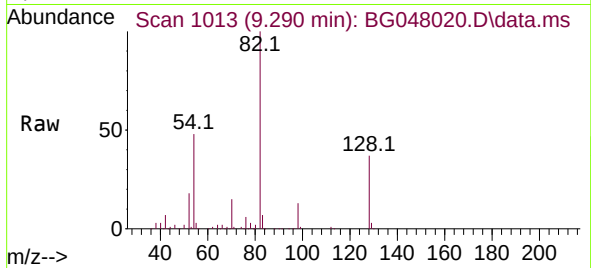




#19
n-Nitroso-di-n-propylamine
Concen: 16.04 ng
RT: 9.290 min Scan# 1013
Delta R.T. 0.352 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

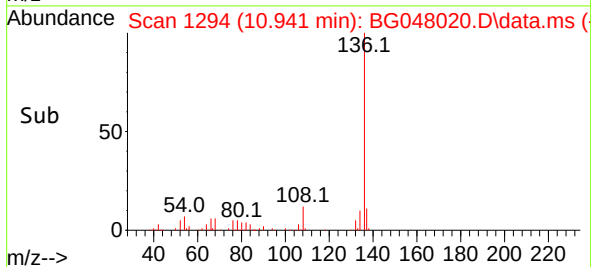
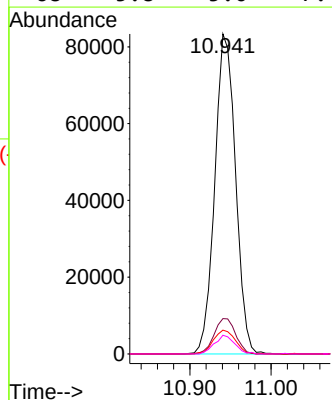
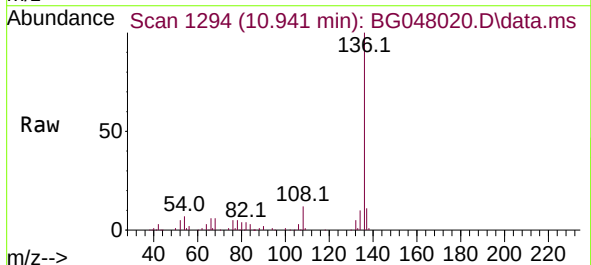
Instrument :
BNA_G
ClientSampled :
FB-BP24

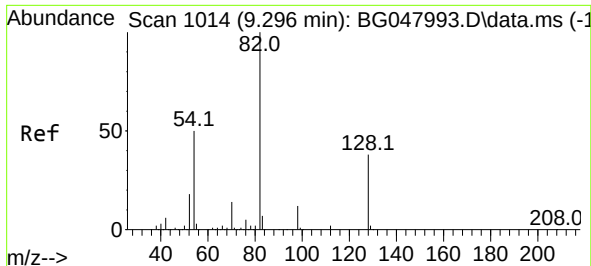
Tgt Ion: 70	Resp: 42105
Ion Ratio	Lower Upper
70 100	
42 44.3	45.6 68.4#
101 0.0	8.4 12.6#
130 1.9	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.941 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

Tgt Ion: 136	Resp: 148066
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 7.5	6.2 9.4
68 5.8	5.0 7.4

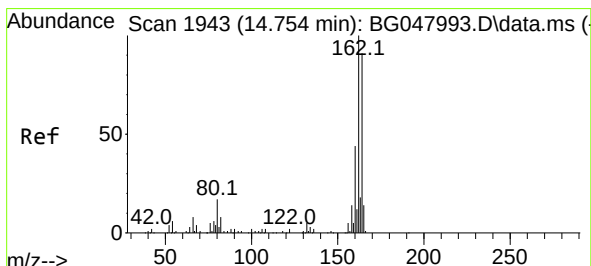
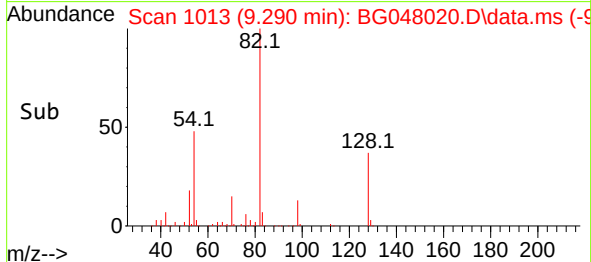
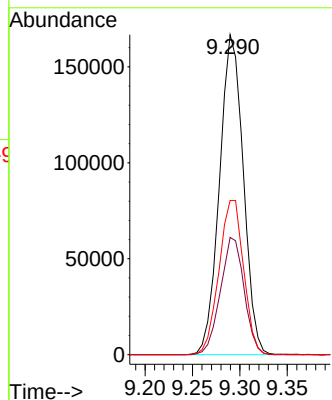
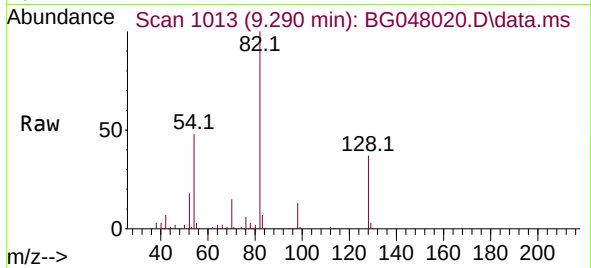




#23
Nitrobenzene-d5
Concen: 77.92 ng
RT: 9.290 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

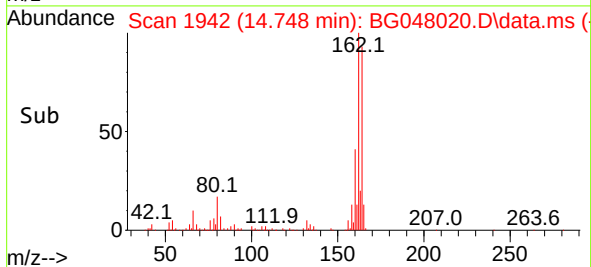
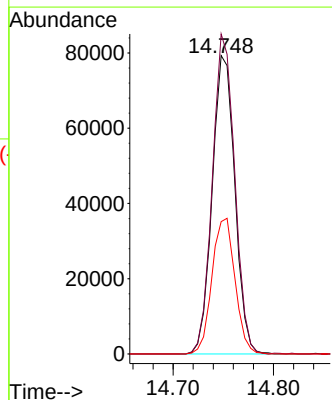
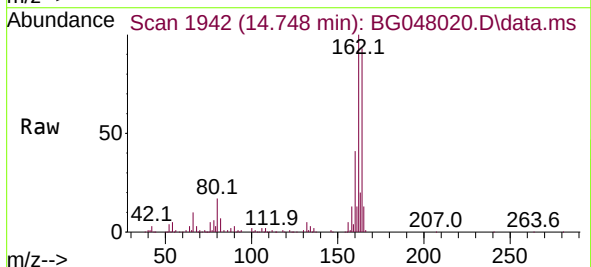
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ClientSampleId :
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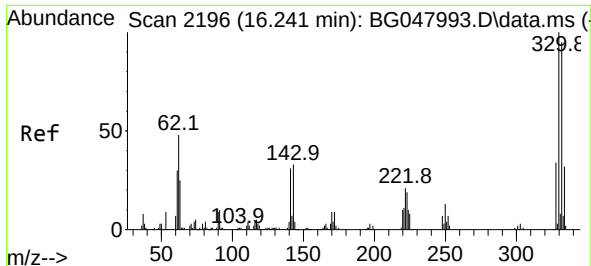
Tgt Ion: 82 Resp: 291600
Ion Ratio Lower Upper
82 100
128 36.7 37.0 55.6#
54 48.2 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

Tgt Ion:164 Resp: 124175
Ion Ratio Lower Upper
164 100
162 107.2 82.3 123.5
160 44.3 35.3 52.9

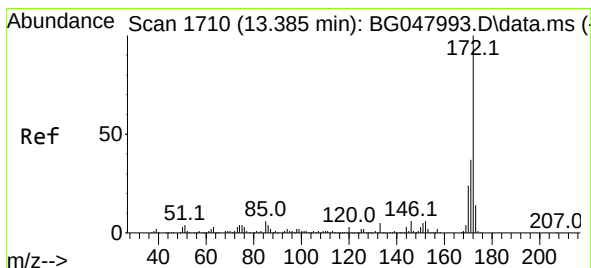
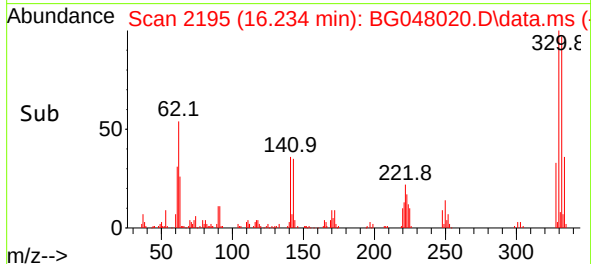
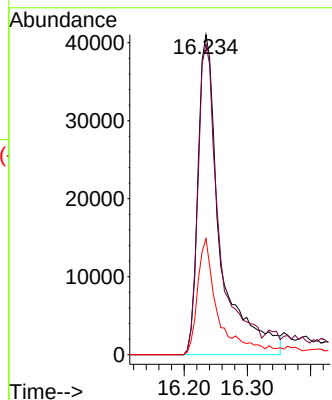
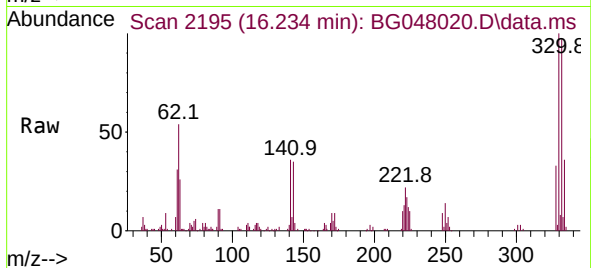




#42
2,4,6-Tribromophenol
Concen: 48.40 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

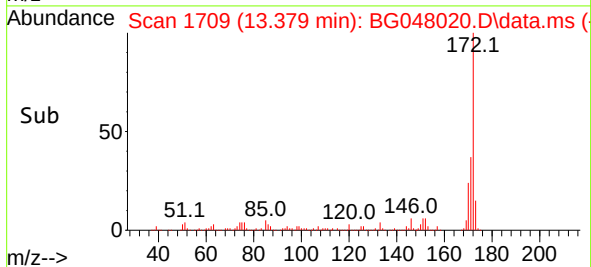
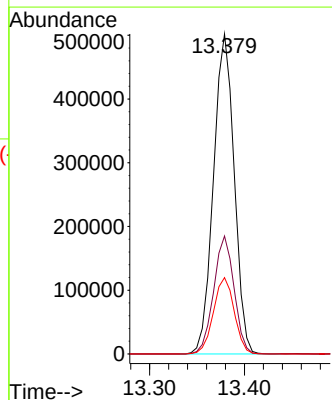
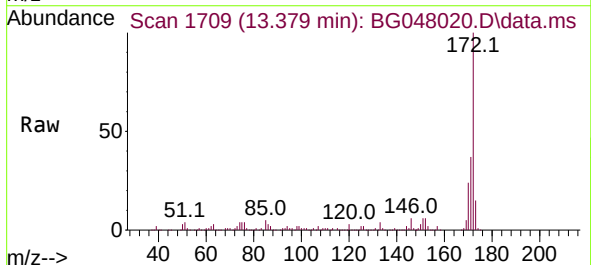
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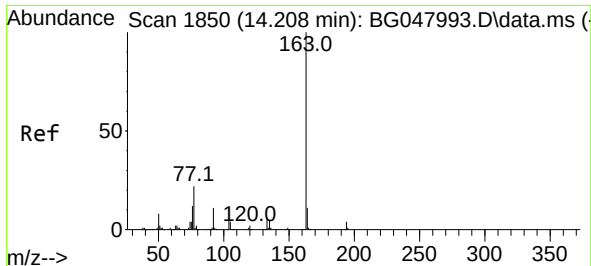
Tgt Ion:330 Resp: 100108
Ion Ratio Lower Upper
330 100
332 93.0 76.5 114.7
141 33.0 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 79.52 ng
RT: 13.379 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

Tgt Ion:172 Resp: 763721
Ion Ratio Lower Upper
172 100
171 36.9 31.3 46.9
170 23.9 20.8 31.2

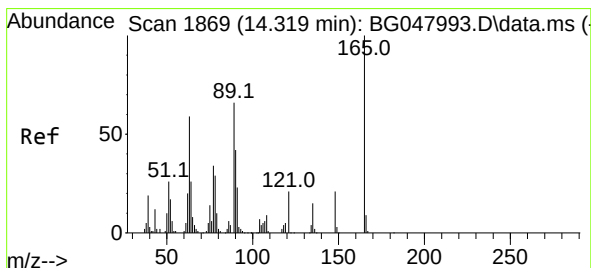
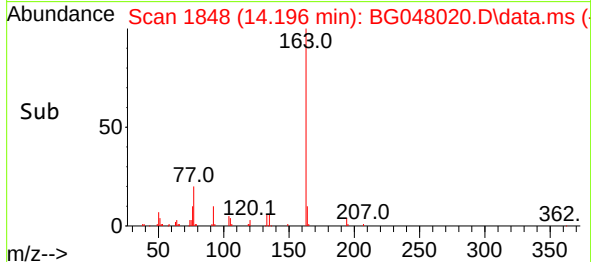
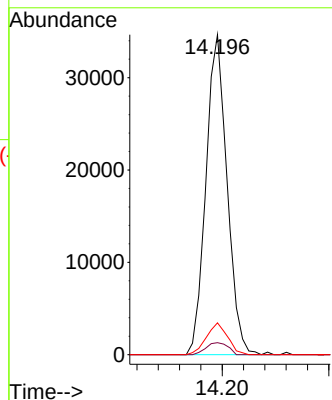
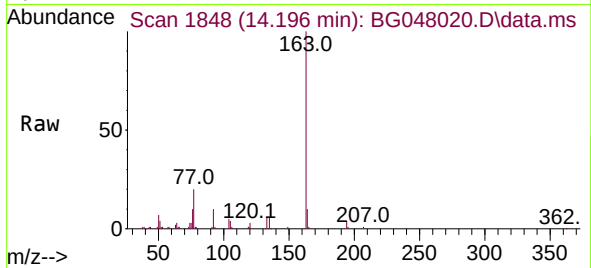




#50
Dimethylphthalate
Concen: 4.25 ng
RT: 14.196 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

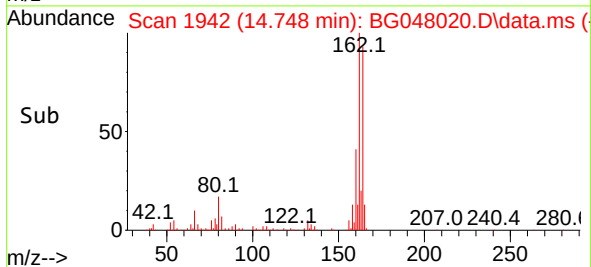
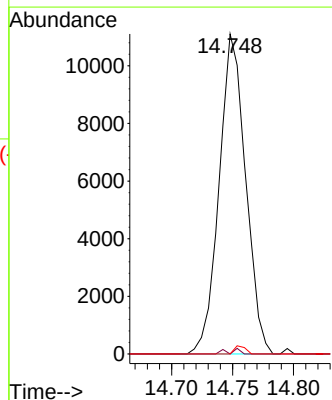
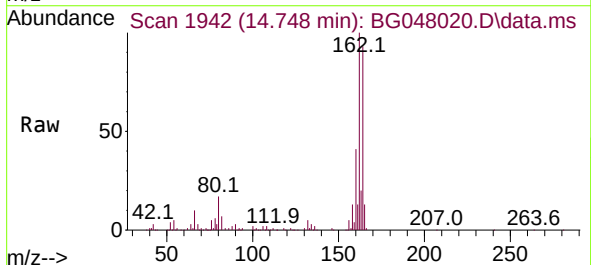
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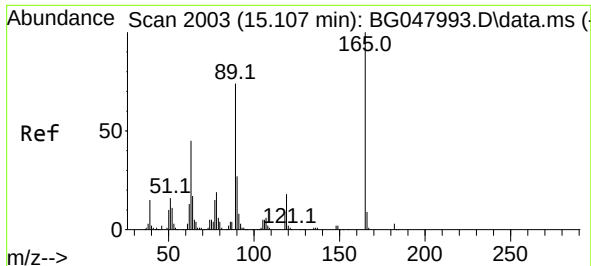
Tgt Ion:163 Resp: 47731
Ion Ratio Lower Upper
163 100
194 3.8 3.8 5.8#
164 9.9 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.19 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.429 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

Tgt Ion:165 Resp: 16802
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#

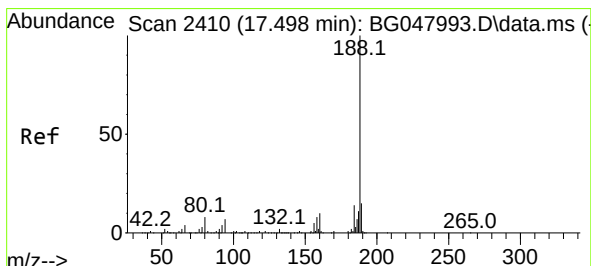
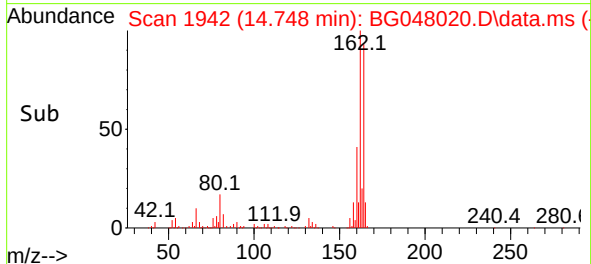
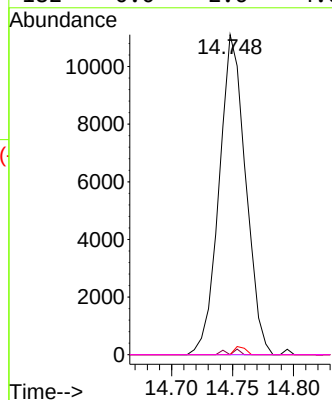
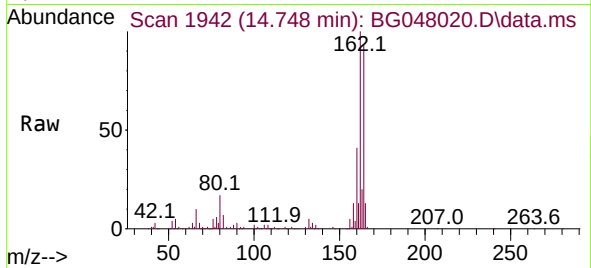




#57
2,4-Dinitrotoluene
Concen: 4.98 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.359 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

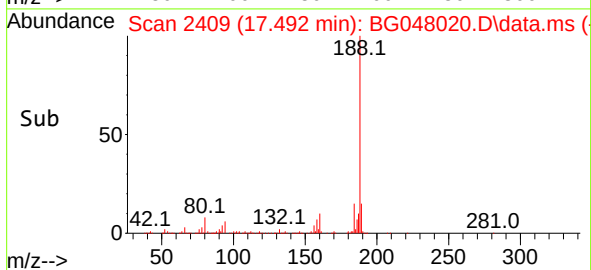
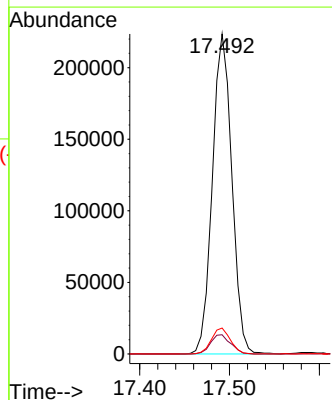
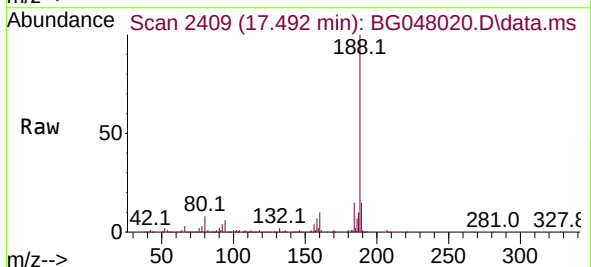
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ClientSampleId :
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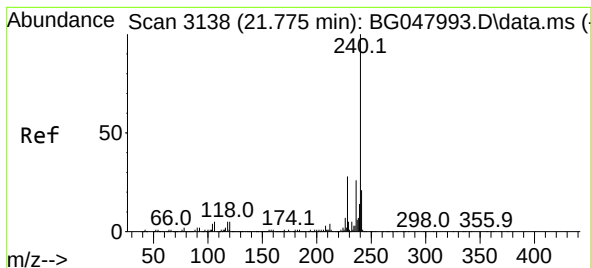
Tgt Ion:165 Resp: 16802
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

Tgt Ion:188 Resp: 336424
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 8.1 7.0 10.6

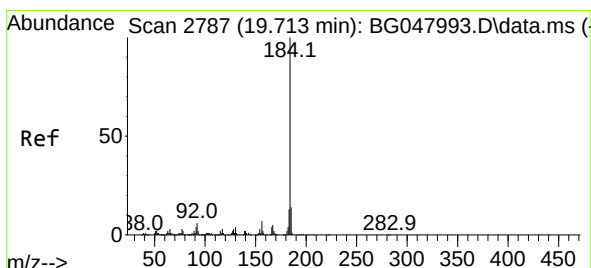
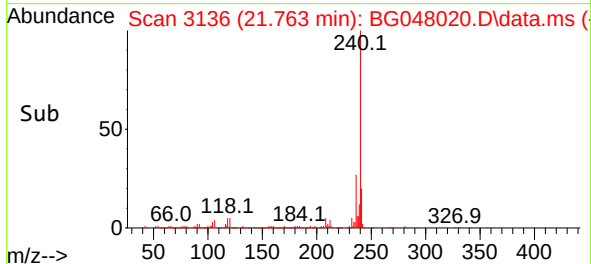
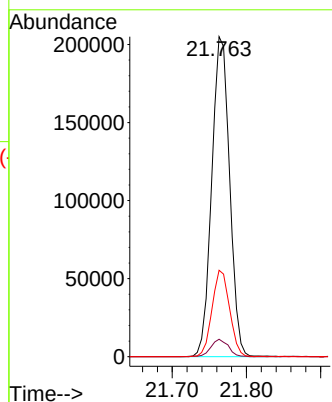
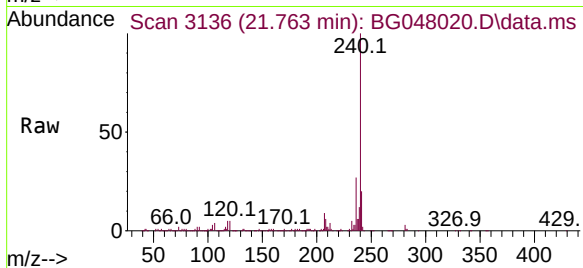




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

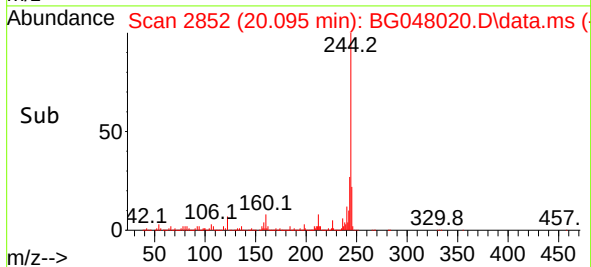
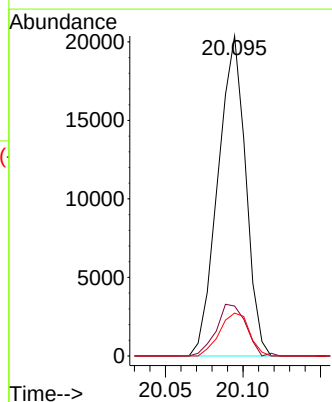
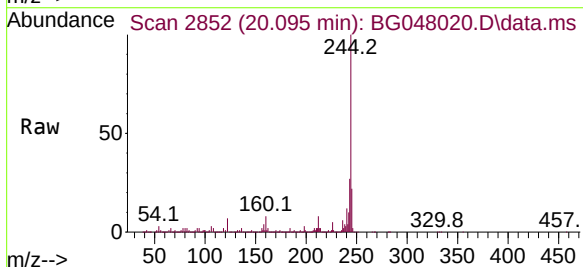
Instrument :
BNA_G
ClientSampled :
FB-BP24

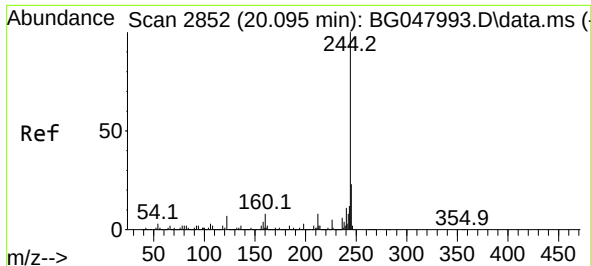
Tgt Ion:240 Resp: 342921
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 27.0 20.5 30.7



#77
Benzidine
Concen: 2.55 ng
RT: 20.095 min Scan# 2852
Delta R.T. 0.382 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

Tgt Ion:184 Resp: 25257
Ion Ratio Lower Upper
184 100
185 15.6 12.4 18.6
183 13.4 10.6 15.8

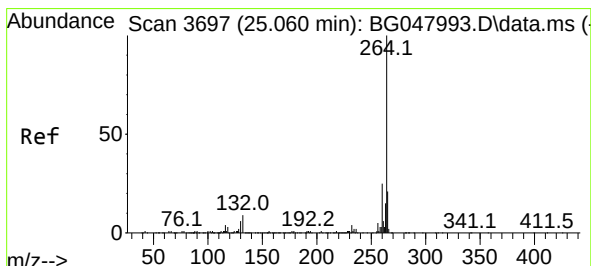
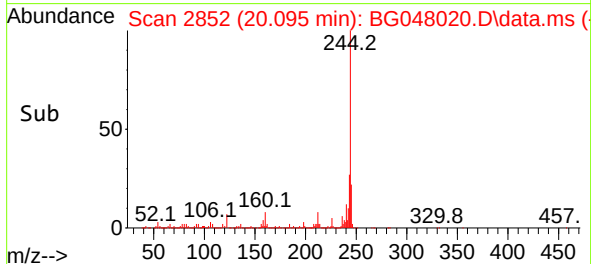
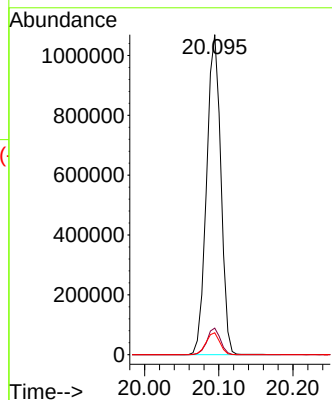
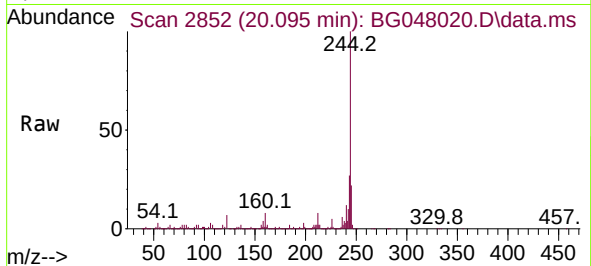




#79
Terphenyl-d14
Concen: 72.10 ng
RT: 20.095 min Scan# 2852
Delta R.T. -0.000 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

Instrument :
BNA_G
ClientSampleId :
FB-BP24

Tgt Ion:244 Resp: 1425924
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 6.9 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.053 min Scan# 3696
Delta R.T. -0.006 min
Lab File: BG048020.D
Acq: 26 Jan 2021 23:57

Tgt Ion:264 Resp: 341146
Ion Ratio Lower Upper
264 100
260 25.4 18.8 28.2
265 20.7 17.8 26.8

