

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048825.D
 Acq On : 21 Apr 2021 18:44
 Operator : CG/JU
 Sample : M2077-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-20-0-2.0

Quant Time: Apr 22 01:01:06 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)

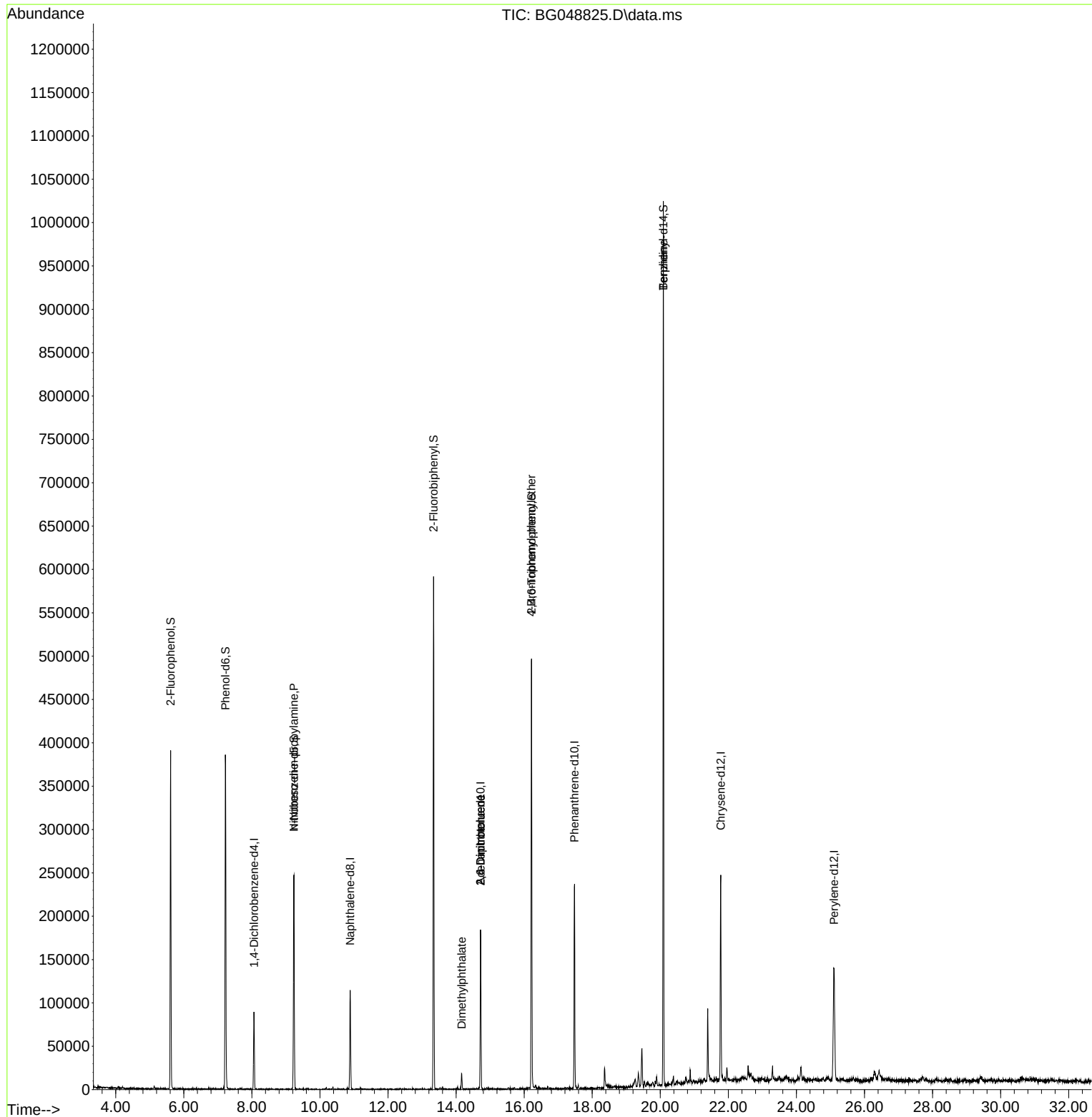
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	21638	20.00	ng	# 0.00
21) Naphthalene-d8	10.888	136	89645	20.00	ng	# 0.00
39) Acenaphthene-d10	14.719	164	62186	20.00	ng	0.00
64) Phenanthrene-d10	17.475	188	148592	20.00	ng	# 0.00
76) Chrysene-d12	21.776	240	139573	20.00	ng	# 0.00
86) Perylene-d12	25.107	264	138047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	150285	116.16	ng	0.00
7) Phenol-d6	7.222	99	190074	103.87	ng	0.00
23) Nitrobenzene-d5	9.231	82	141254	70.54	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	84816	101.72	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	281996	65.49	ng	0.00
79) Terphenyl-d14	20.089	244	443000	54.63	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.237	70	23172	18.77	ng	# 74
50) Dimethylphthalate	14.167	163	11434	2.45	ng	# 98
51) 2,6-Dinitrotoluene	14.719	165	7908	7.35	ng	# 10
57) 2,4-Dinitrotoluene	14.719	165	7908	5.06	ng	# 15
67) 4-Bromophenyl-phenylether	16.211	248	5723	3.35	ng	# 1
77) Benzidine	20.089	184	8620	2.27	ng	# 89

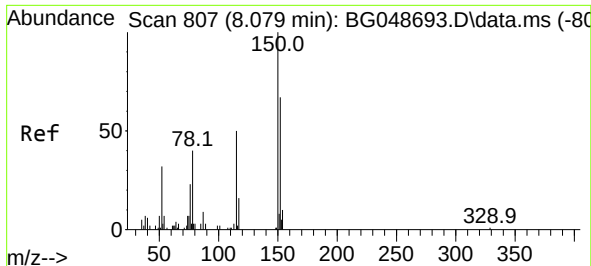
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 22 01:01:06 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

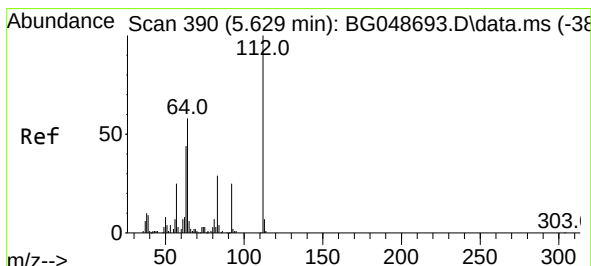
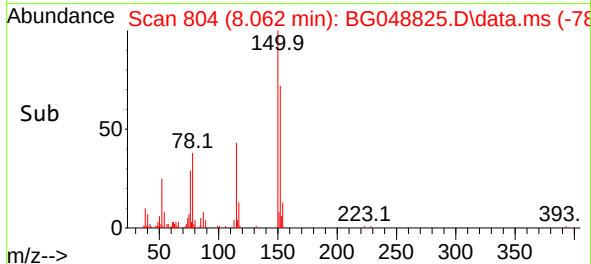
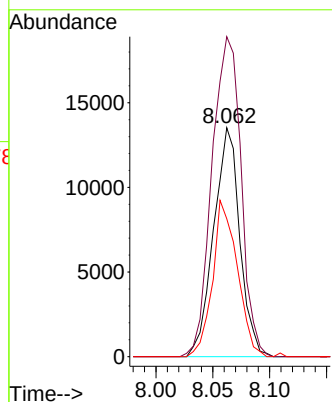
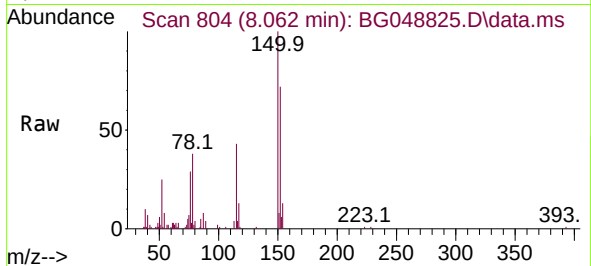




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.062 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

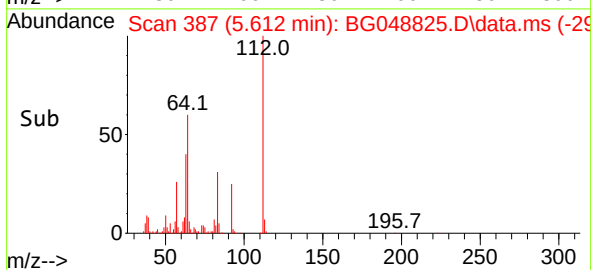
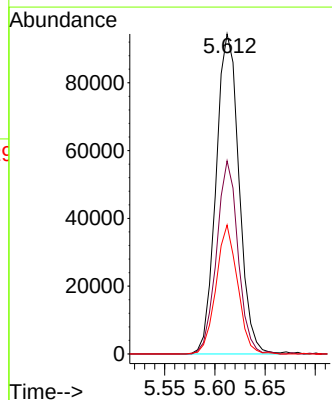
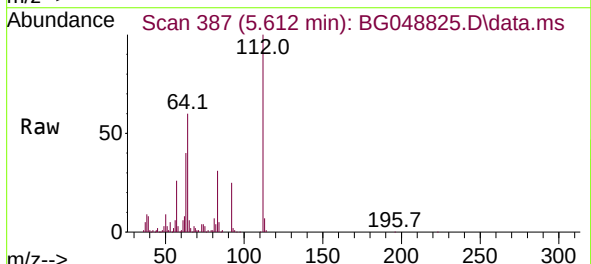
Instrument :
BNA_G
ClientSampleId :
SB-20-0-2.0

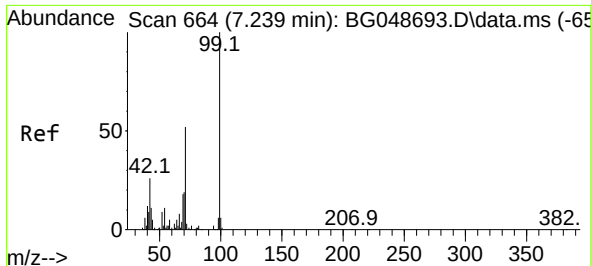
Tgt Ion:152 Resp: 21638
Ion Ratio Lower Upper
152 100
150 139.8 119.4 179.0
115 60.2 60.2 90.4#



#5
2-Fluorophenol
Concen: 116.16 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.007 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

Tgt Ion:112 Resp: 150285
Ion Ratio Lower Upper
112 100
64 60.3 46.7 70.1
63 40.3 35.3 52.9

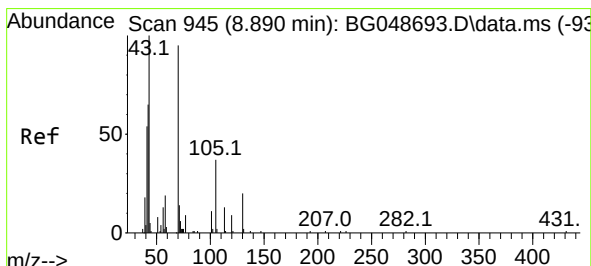
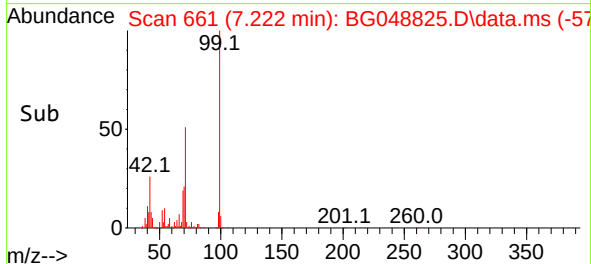
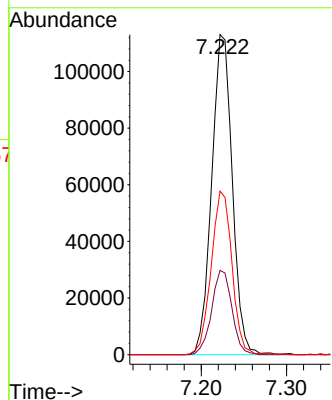
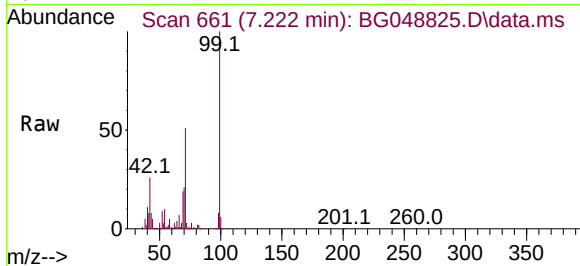




#7
Phenol-d6
Concen: 103.87 ng
RT: 7.222 min Scan# 661
Delta R.T. 0.001 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

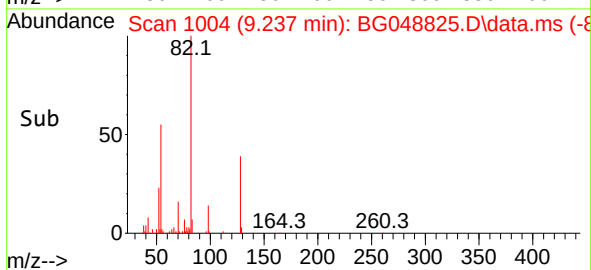
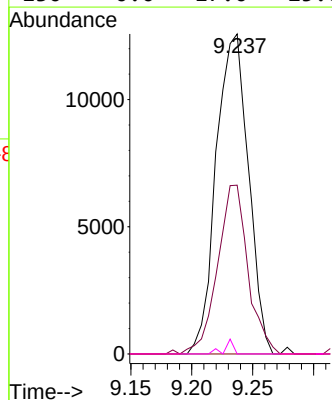
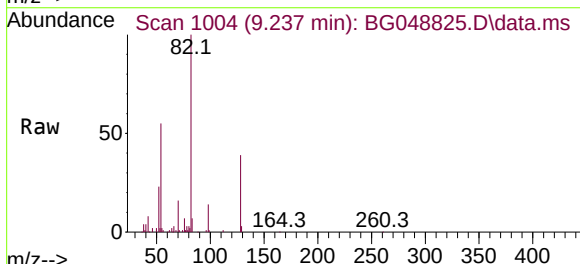
Instrument :
BNA_G
ClientSampleId :
SB-20-0-2.0

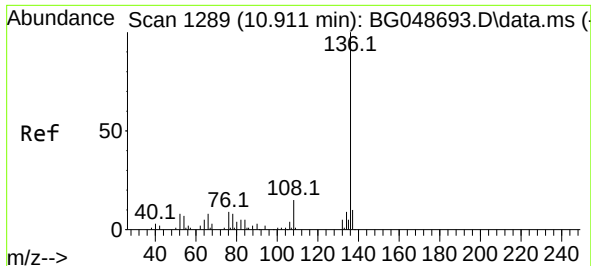
Tgt Ion: 99 Resp: 190074
Ion Ratio Lower Upper
99 100
42 26.3 20.5 30.7
71 51.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.77 ng
RT: 9.237 min Scan# 1004
Delta R.T. 0.365 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

Tgt Ion: 70 Resp: 23172
Ion Ratio Lower Upper
70 100
42 52.8 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

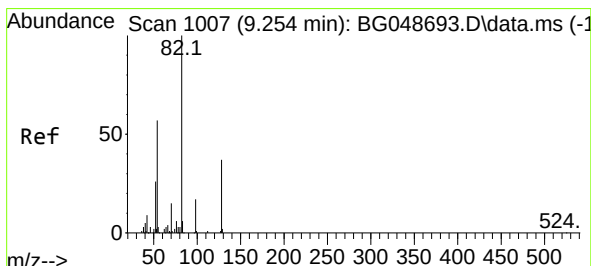
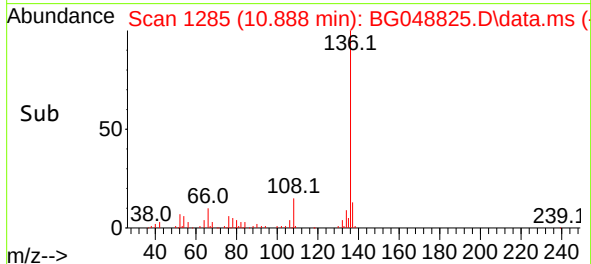
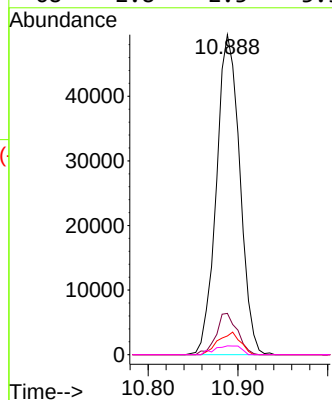
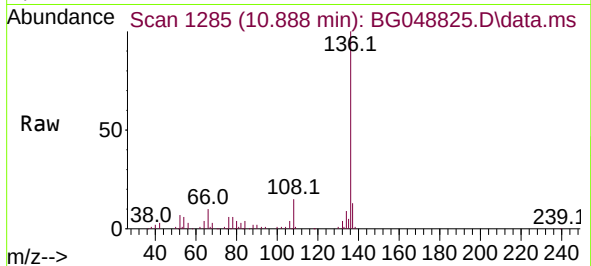




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

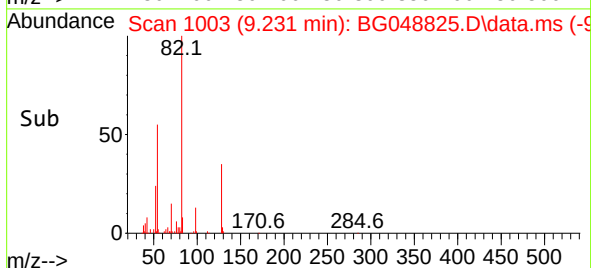
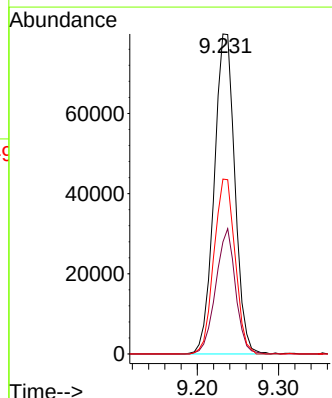
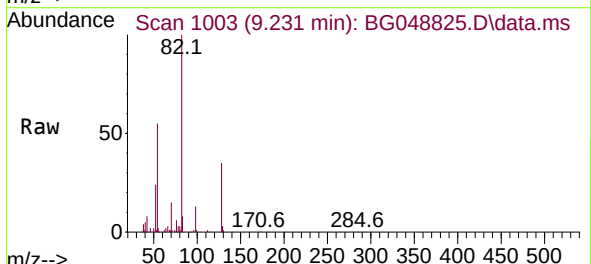
Instrument :
BNA_G
ClientSampleId :
SB-20-0-2.0

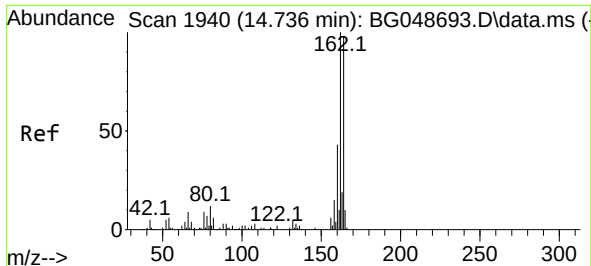
Tgt Ion:	136	Resp:	89645
Ion Ratio	Lower	Upper	
136	100		
137	12.9	8.2	12.2#
54	5.9	5.5	8.3
68	2.8	2.3	3.5



#23
Nitrobenzene-d5
Concen: 70.54 ng
RT: 9.231 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

Tgt Ion:	82	Resp:	141254
Ion Ratio	Lower	Upper	
82	100		
128	35.0	29.8	44.6
54	54.7	45.8	68.8

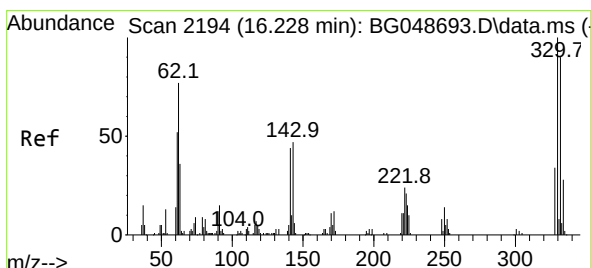
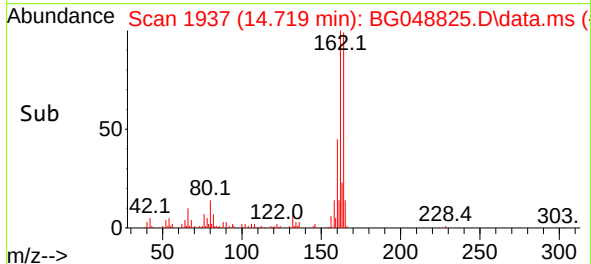
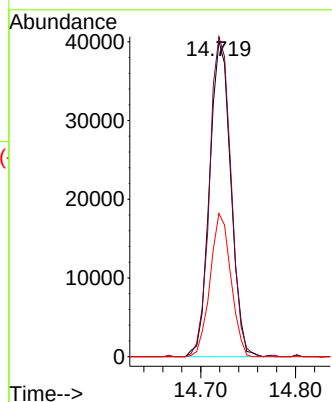
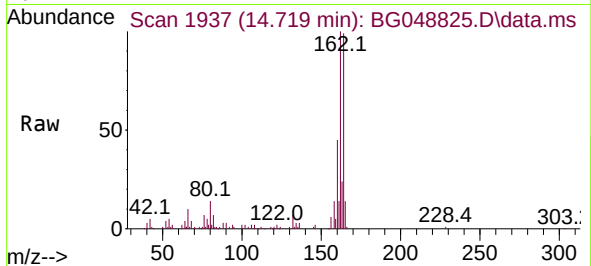




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

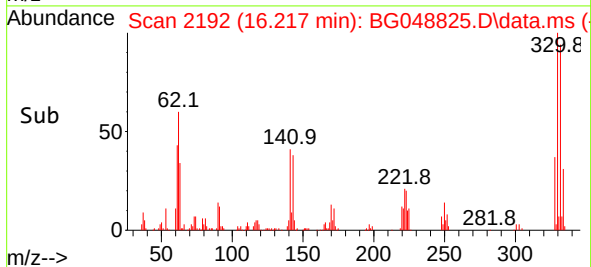
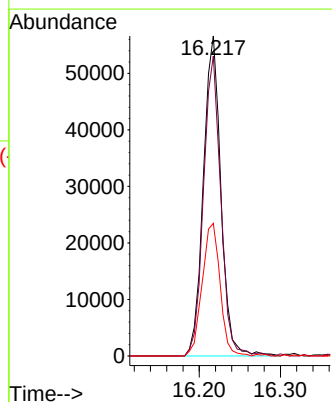
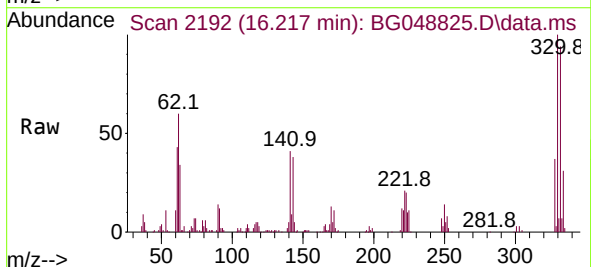
Instrument :
BNA_G
ClientSampleId :
SB-20-0-2.0

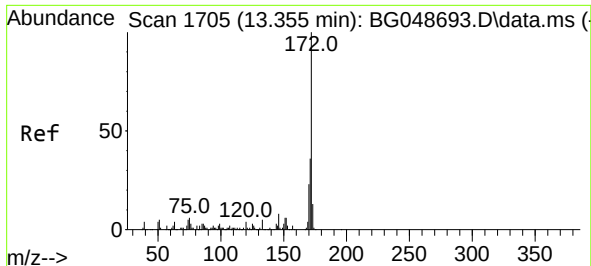
Tgt Ion:164 Resp: 62186
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 45.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 101.72 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

Tgt Ion:330 Resp: 84816
Ion Ratio Lower Upper
330 100
332 92.4 77.3 115.9
141 42.2 35.6 53.4

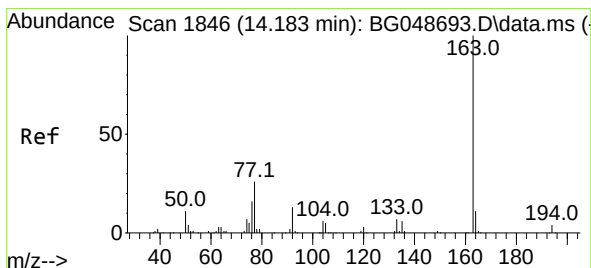
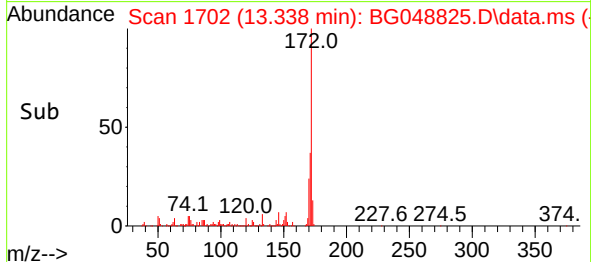
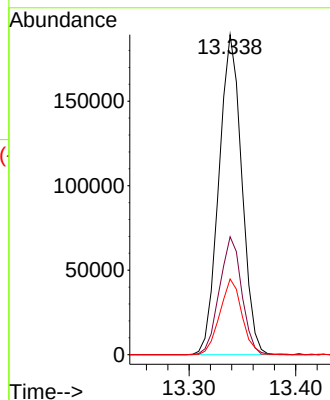
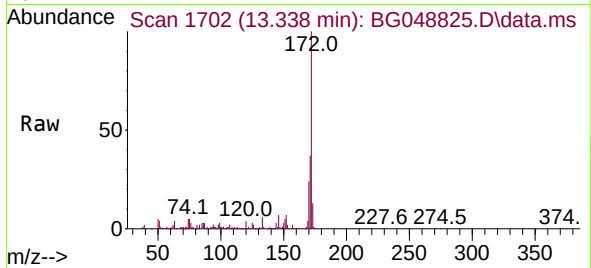




#45
2-Fluorobiphenyl
Concen: 65.49 ng
RT: 13.338 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

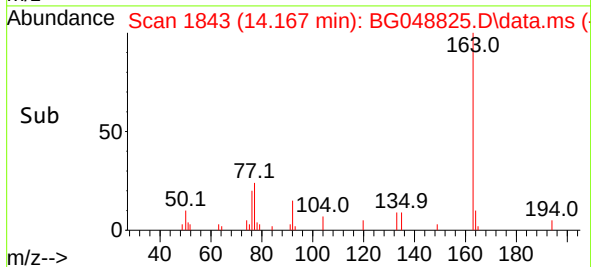
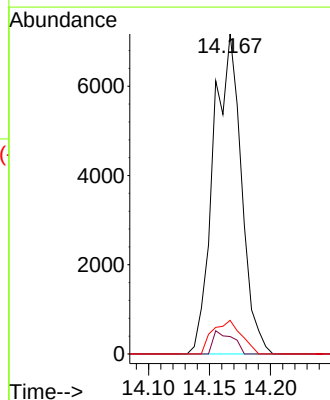
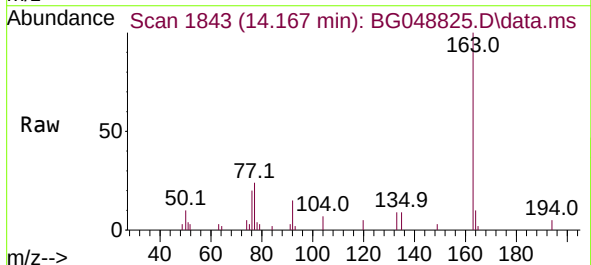
Instrument :
BNA_G
ClientSampleId :
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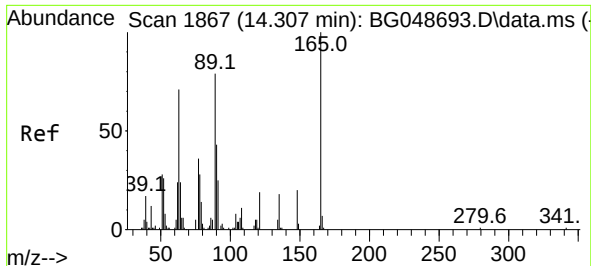
Tgt Ion:	172	Resp:	281996
Ion Ratio	Lower	Upper	
172	100		
171	36.9	28.6	43.0
170	23.7	18.6	27.8



#50
Dimethylphthalate
Concen: 2.45 ng
RT: 14.167 min Scan# 1843
Delta R.T. -0.005 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

Tgt Ion:	163	Resp:	11434
Ion Ratio	Lower	Upper	
163	100		
194	5.5	3.0	4.6#
164	10.5	8.6	12.8

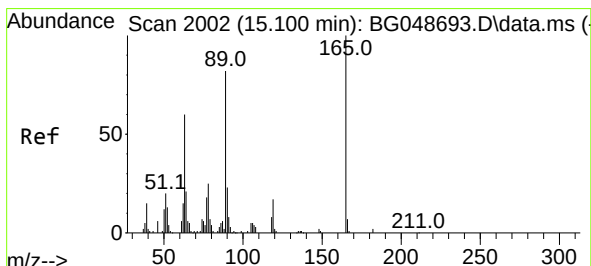
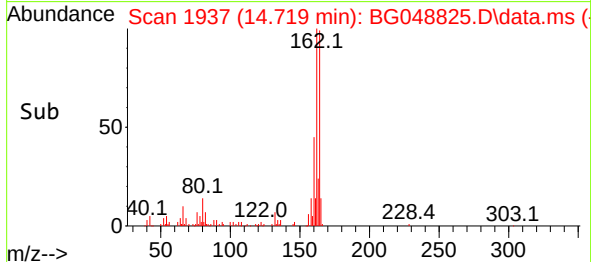
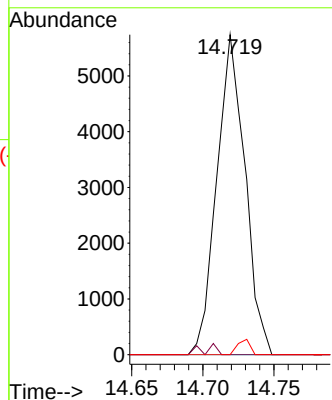
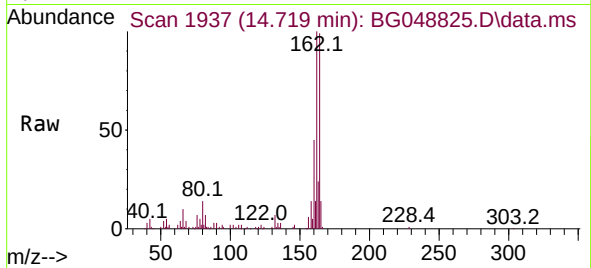




#51
2,6-Dinitrotoluene
Concen: 7.35 ng
RT: 14.719 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

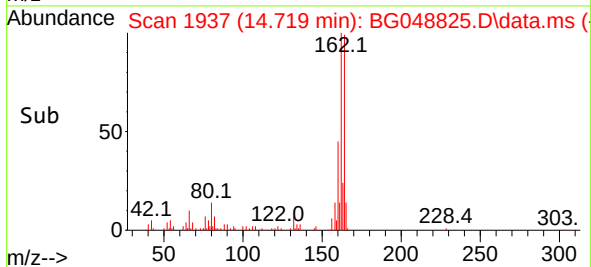
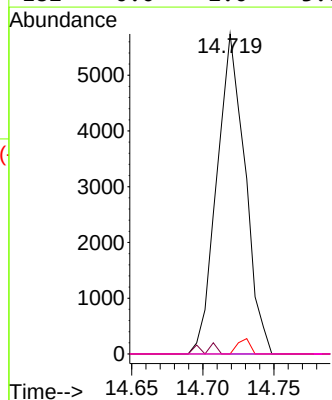
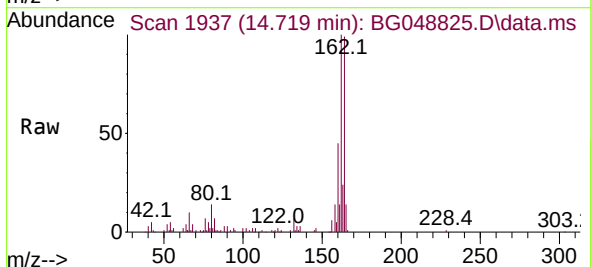
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BNA_G
ClientSampleId :
SB-20-0-2.0

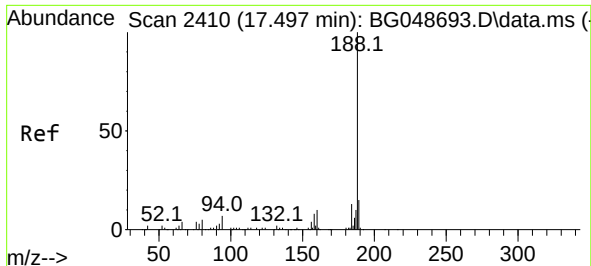
Tgt Ion:165 Resp: 7908
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.06 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.363 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

Tgt Ion:165 Resp: 7908
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#

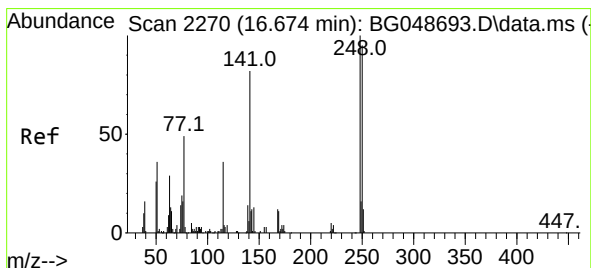
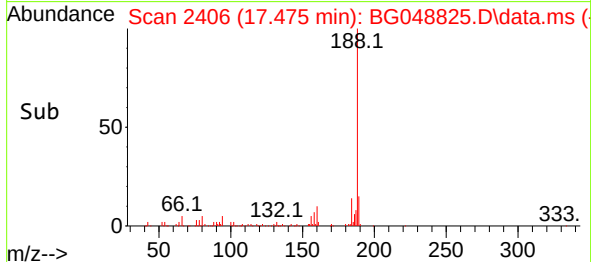
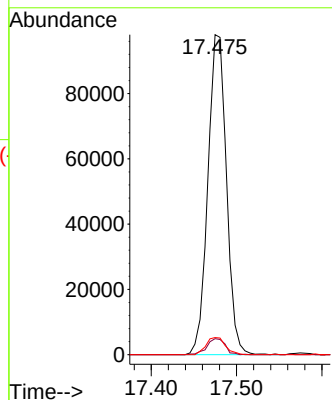
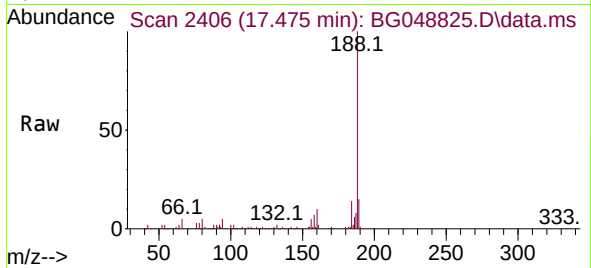




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.475 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

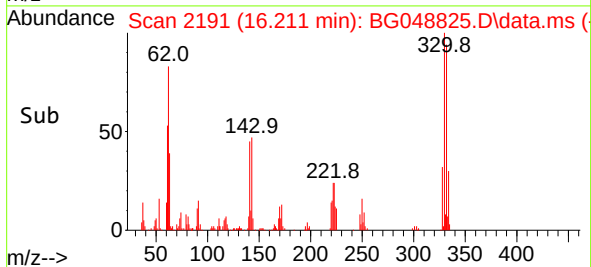
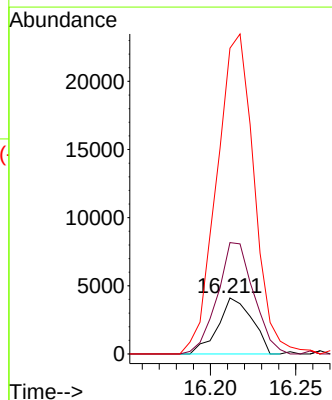
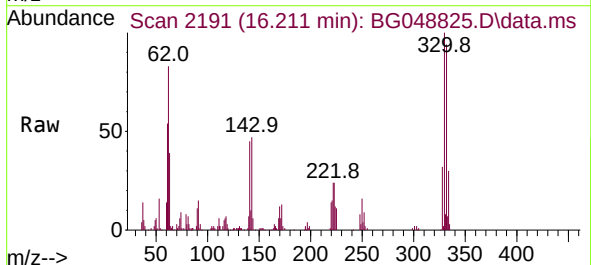
Instrument :
BNA_G
ClientSampleId :
SB-20-0-2.0

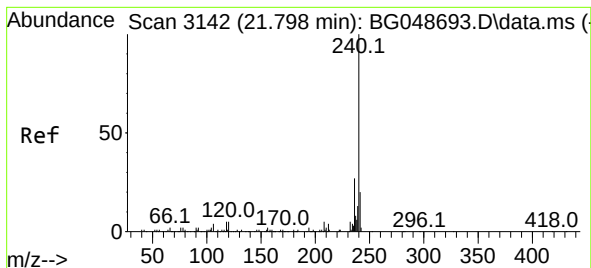
Tgt Ion:188 Resp: 148592
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 5.4 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

Tgt Ion:248 Resp: 5723
Ion Ratio Lower Upper
248 100
250 198.9 76.1 114.1#
141 546.5 65.4 98.2#

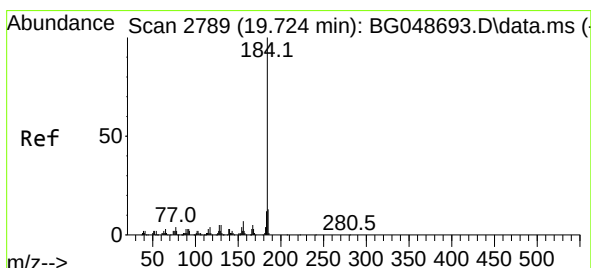
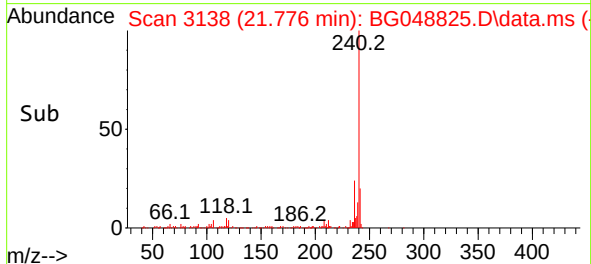
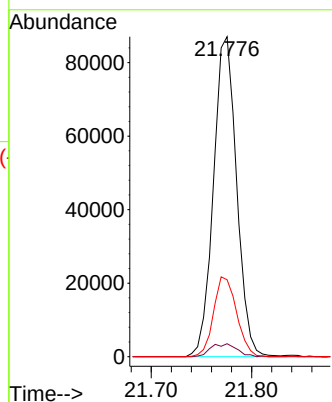
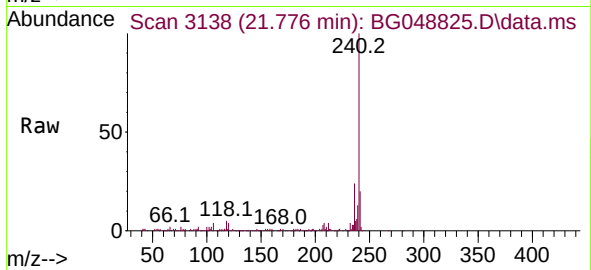




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.776 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

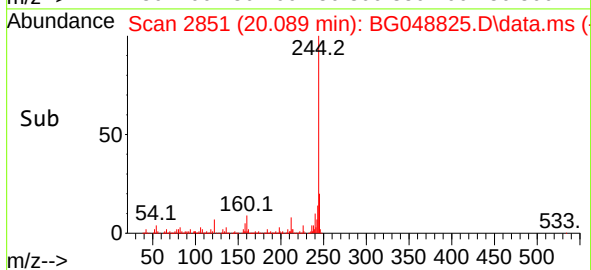
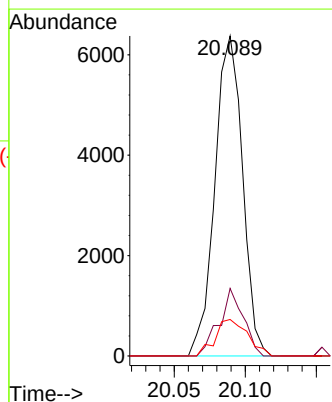
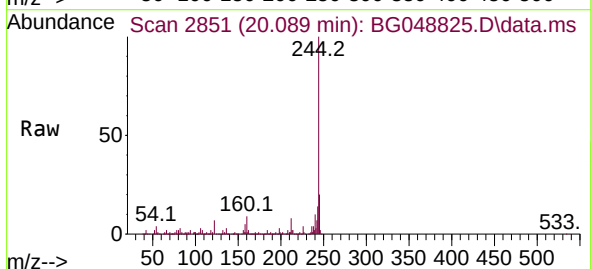
Instrument :
BNA_G
ClientSampleId :
SB-20-0-2.0

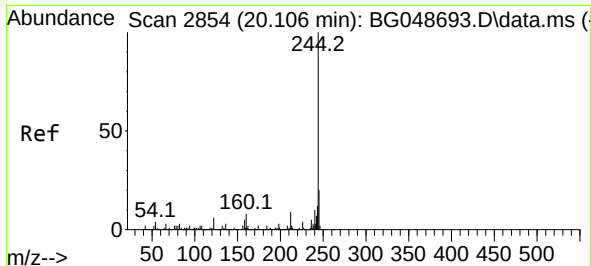
Tgt Ion:240 Resp: 139573
Ion Ratio Lower Upper
240 100
120 4.1 4.2 6.2#
236 24.0 21.8 32.6



#77
Benzidine
Concen: 2.27 ng
RT: 20.089 min Scan# 2851
Delta R.T. 0.377 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

Tgt Ion:184 Resp: 8620
Ion Ratio Lower Upper
184 100
185 21.1 10.7 16.1#
183 11.4 9.4 14.0

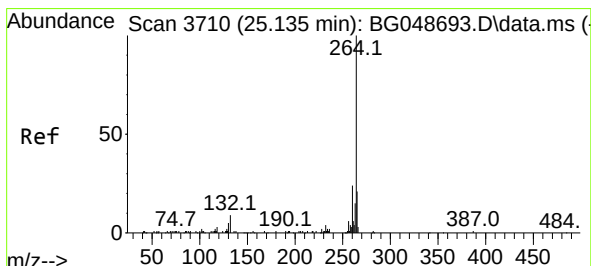
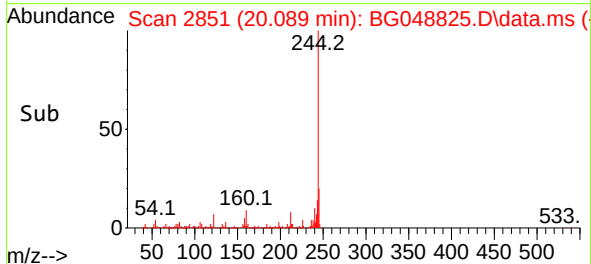
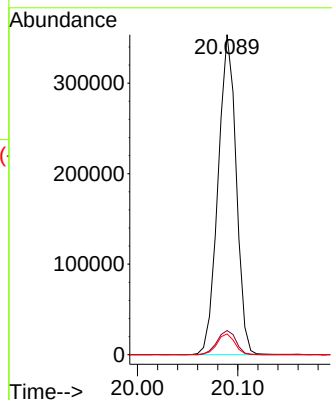
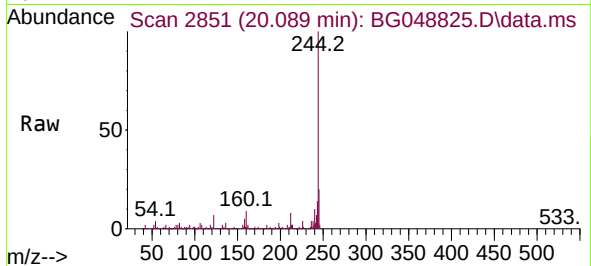




#79
Terphenyl-d14
Concen: 54.63 ng
RT: 20.089 min Scan# 2851
Delta R.T. -0.005 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

Instrument :
BNA_G
ClientSampleId :
SB-20-0-2.0

Tgt Ion:244 Resp: 443000
Ion Ratio Lower Upper
244 100
212 7.5 6.9 10.3
122 6.5 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.107 min Scan# 3705
Delta R.T. -0.005 min
Lab File: BG048825.D
Acq: 21 Apr 2021 18:44

Tgt Ion:264 Resp: 138047
Ion Ratio Lower Upper
264 100
260 22.4 19.4 29.2
265 22.0 16.9 25.3

