

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048867.D
 Acq On : 23 Apr 2021 17:31
 Operator : CG/JU
 Sample : M2107-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-34-0-2.0

Quant Time: Apr 23 18:37:24 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)

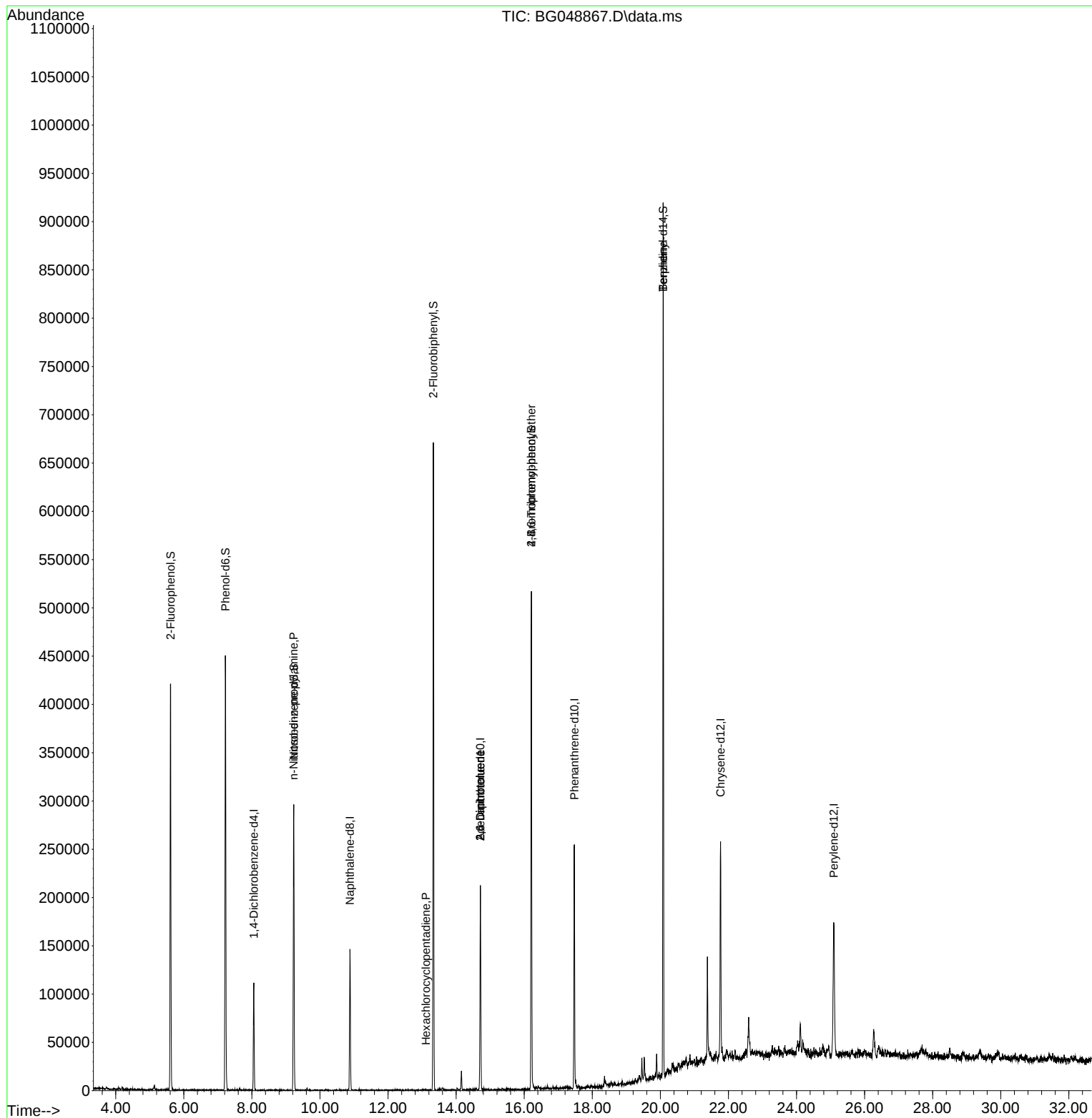
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	26648	20.00	ng	0.00
21) Naphthalene-d8	10.881	136	113420	20.00	ng	-0.01
39) Acenaphthene-d10	14.712	164	71335	20.00	ng	-0.01
64) Phenanthrene-d10	17.473	188	157973	20.00	ng	# 0.00
76) Chrysene-d12	21.768	240	133369	20.00	ng	-0.01
86) Perylene-d12	25.094	264	130084	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	166710	104.63	ng	0.00
7) Phenol-d6	7.221	99	222450	98.71	ng	0.00
23) Nitrobenzene-d5	9.230	82	166003	65.53	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	82095	85.83	ng	0.00
45) 2-Fluorobiphenyl	13.331	172	321632	65.11	ng	-0.01
79) Terphenyl-d14	20.082	244	406197	52.42	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.224	70	26519	17.44	ng	# 75
41) Hexachlorocyclopentadiene	13.114	237	55	5.90	ng	# 31
51) 2,6-Dinitrotoluene	14.712	165	10446	8.46	ng	# 12
57) 2,4-Dinitrotoluene	14.712	165	10446	5.83	ng	# 17
67) 4-Bromophenyl-phenylether	16.210	248	6073	3.34	ng	# 1
77) Benzidine	20.082	184	7885	2.18	ng	# 91

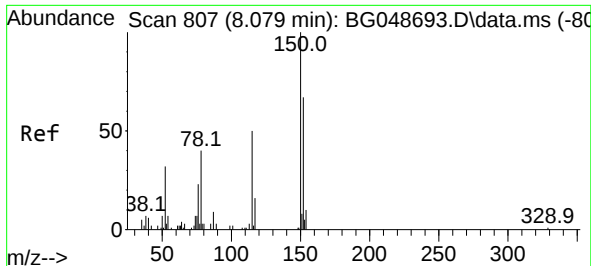
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
ClientSampleId :
SB-34-0-2.0

Quant Time: Apr 23 18:37:24 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

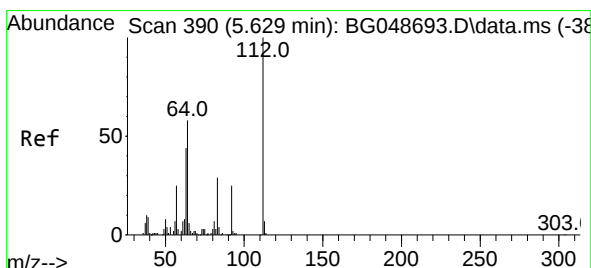
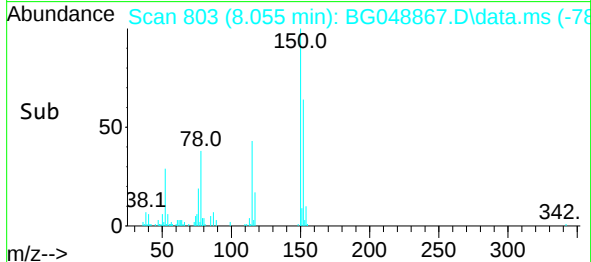
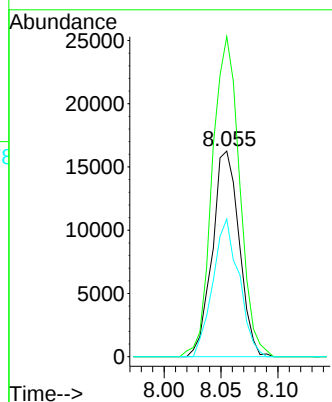
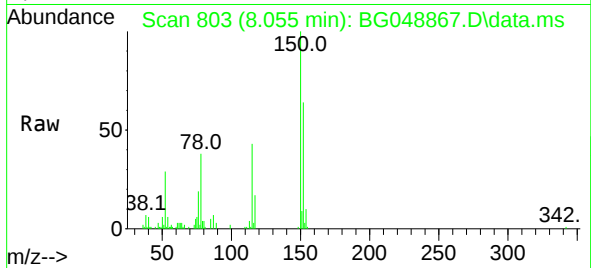




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.055 min Scan# 803
Delta R.T. -0.006 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

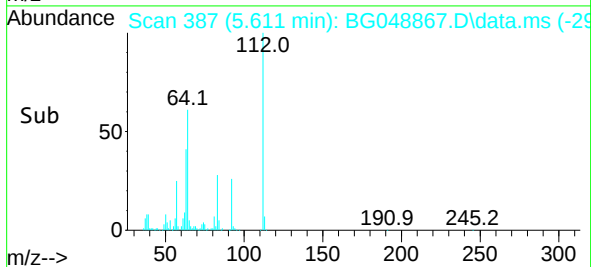
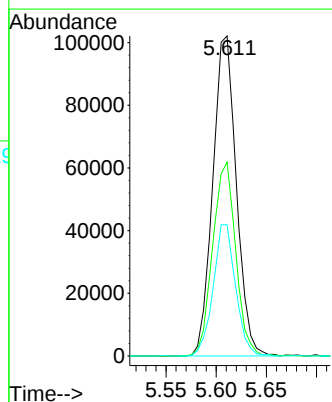
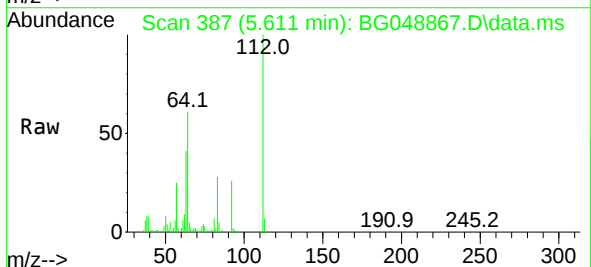
Instrument :
BNA_G
ClientSampleId :
SB-34-0-2.0

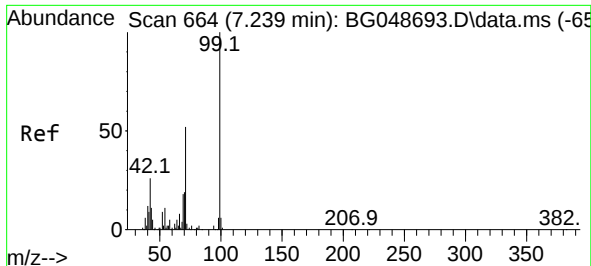
Tgt Ion:152 Resp: 26648
Ion Ratio Lower Upper
152 100
150 155.7 119.4 179.0
115 66.9 60.2 90.4



#5
2-Fluorophenol
Concen: 104.63 ng
RT: 5.611 min Scan# 387
Delta R.T. 0.006 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

Tgt Ion:112 Resp: 166710
Ion Ratio Lower Upper
112 100
64 60.5 46.7 70.1
63 41.0 35.3 52.9

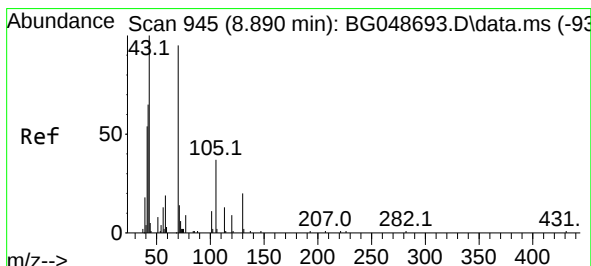
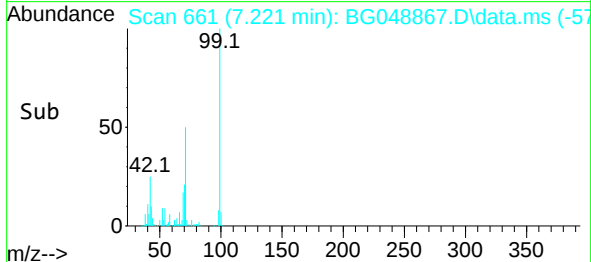
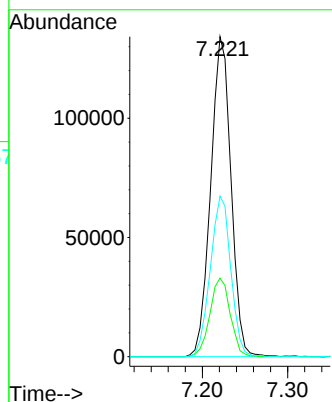
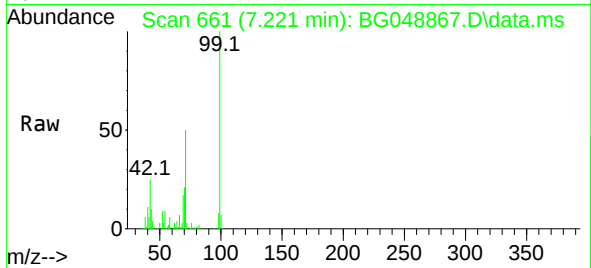




#7
Phenol-d6
Concen: 98.71 ng
RT: 7.221 min Scan# 661
Delta R.T. -0.000 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

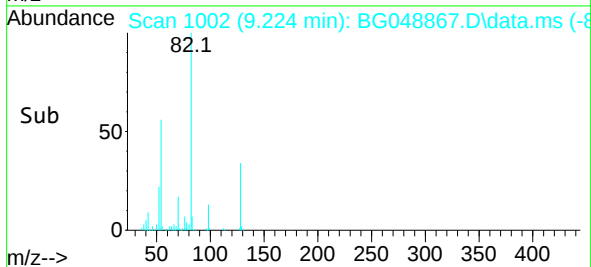
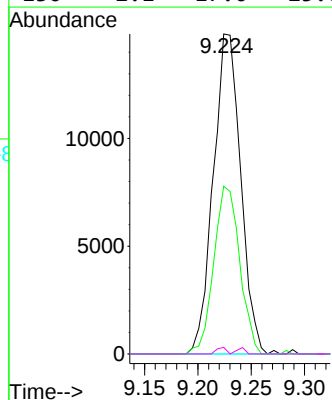
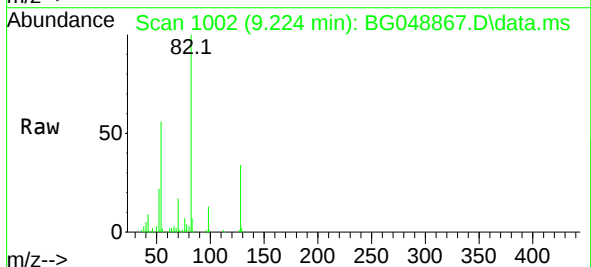
Instrument :
BNA_G
ClientSampleId :
SB-34-0-2.0

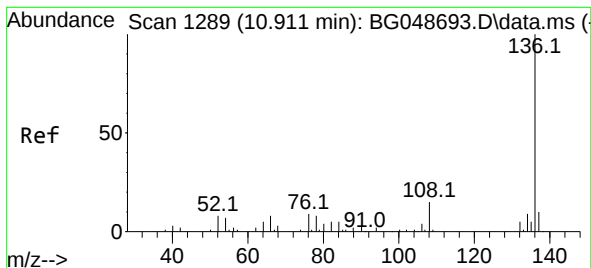
Tgt Ion: 99 Resp: 222450
Ion Ratio Lower Upper
99 100
42 24.6 20.5 30.7
71 50.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.44 ng
RT: 9.224 min Scan# 1002
Delta R.T. 0.352 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

Tgt Ion: 70 Resp: 26519
Ion Ratio Lower Upper
70 100
42 52.4 54.5 81.7#
101 0.0 9.0 13.6#
130 2.1 17.0 25.6#

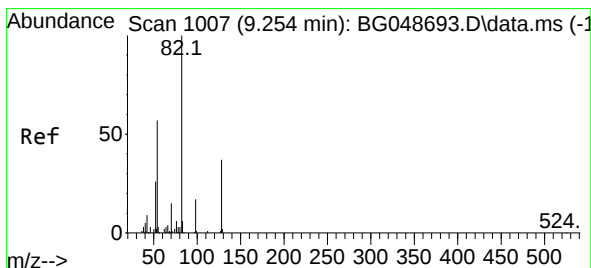
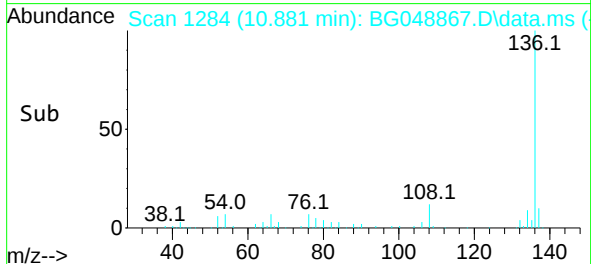
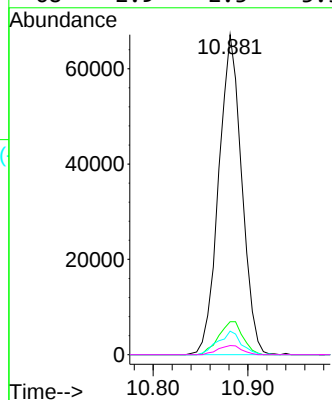
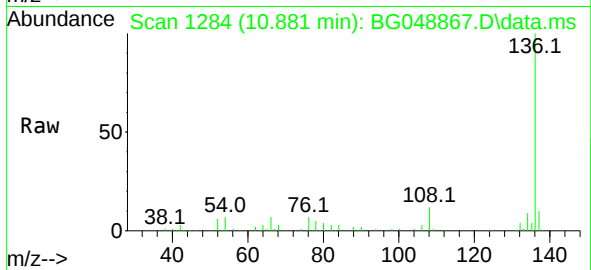




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.881 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

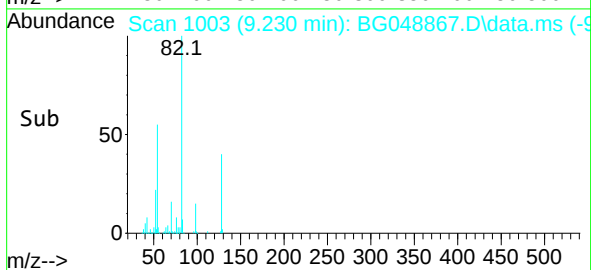
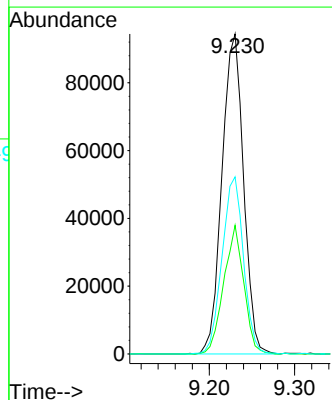
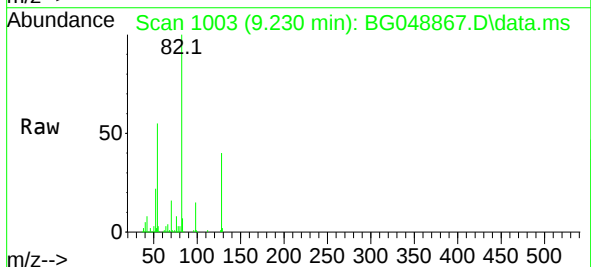
Instrument :
BNA_G
ClientSampleId :
SB-34-0-2.0

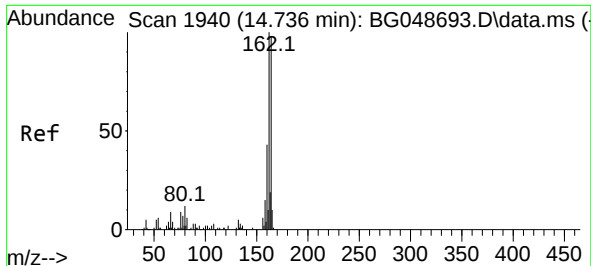
Tgt Ion:	136	Resp:	113420
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	7.3	5.5	8.3
68	2.9	2.3	3.5



#23
Nitrobenzene-d5
Concen: 65.53 ng
RT: 9.230 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

Tgt Ion:	82	Resp:	166003
Ion	Ratio	Lower	Upper
82	100		
128	40.2	29.8	44.6
54	55.3	45.8	68.8

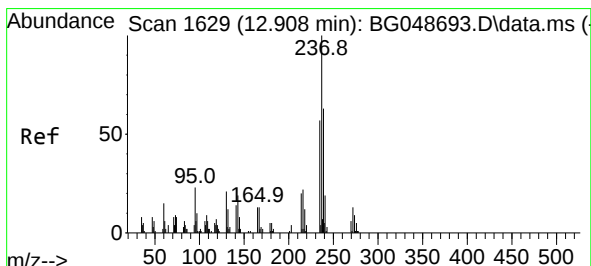
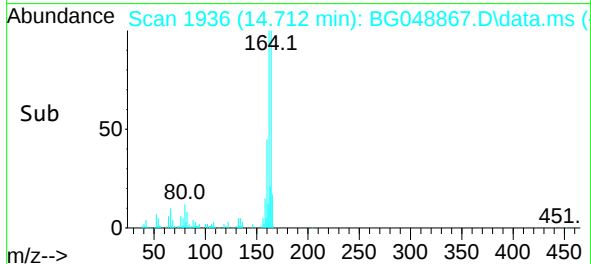
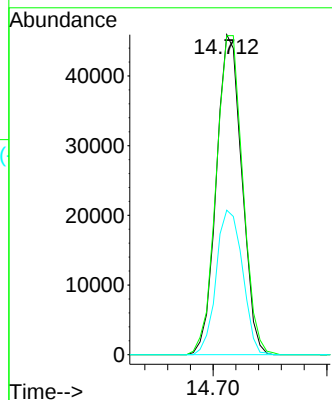
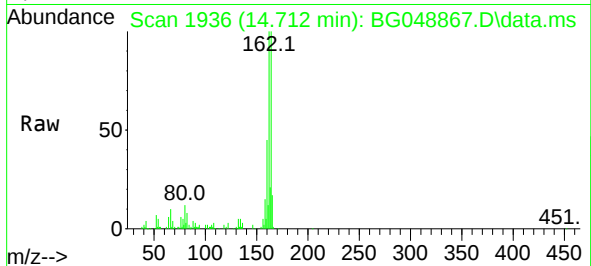




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.712 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

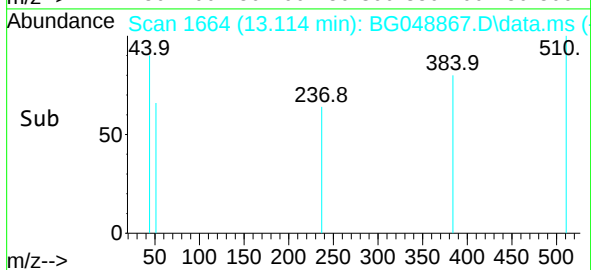
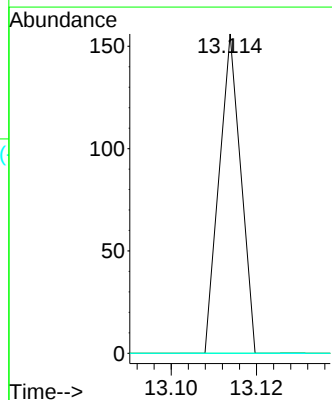
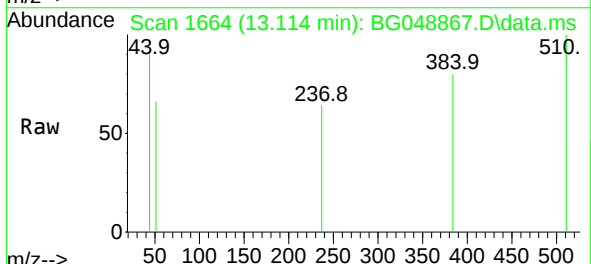
Instrument :
BNA_G
ClientSampleId :
SB-34-0-2.0

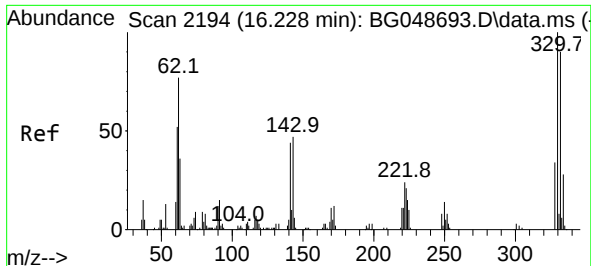
Tgt Ion:164 Resp: 71335
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 45.2 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.90 ng
RT: 13.114 min Scan# 1664
Delta R.T. 0.223 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

Tgt Ion:237 Resp: 55
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

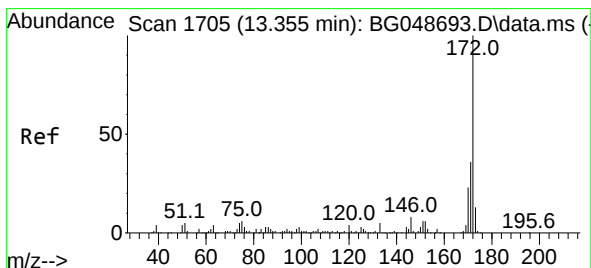
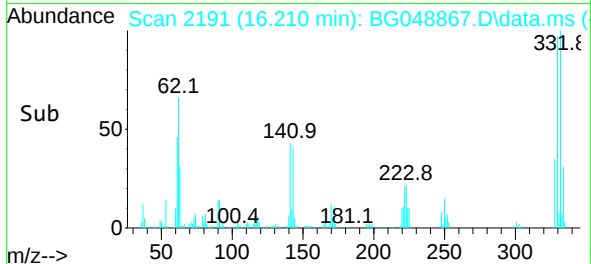
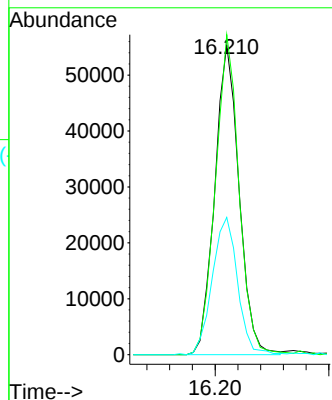
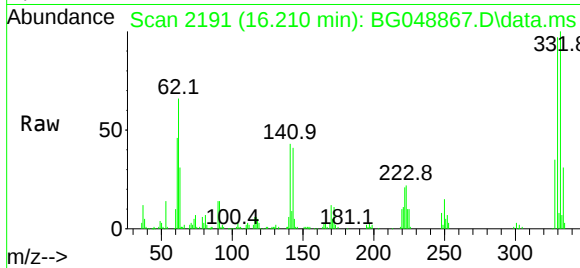




#42
2,4,6-Tribromophenol
Concen: 85.83 ng
RT: 16.210 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

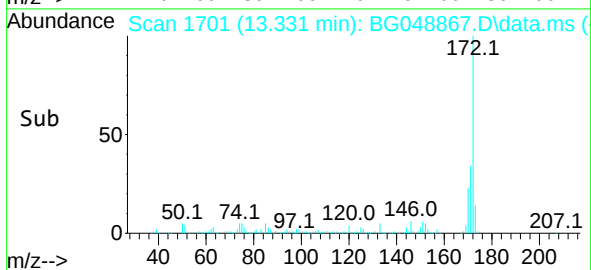
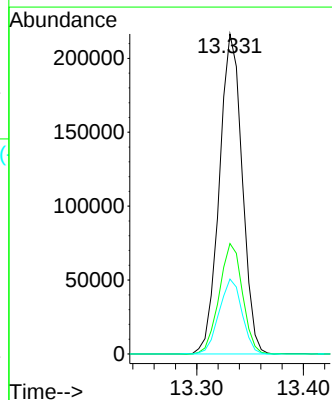
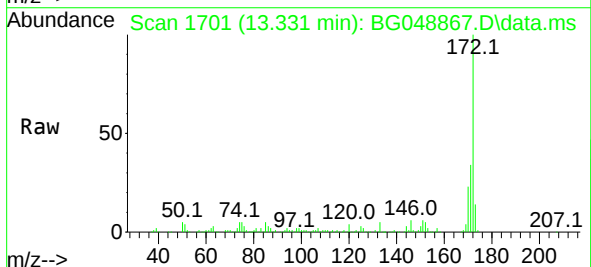
Instrument :
BNA_G
ClientSampled :
SB-34-0-2.0

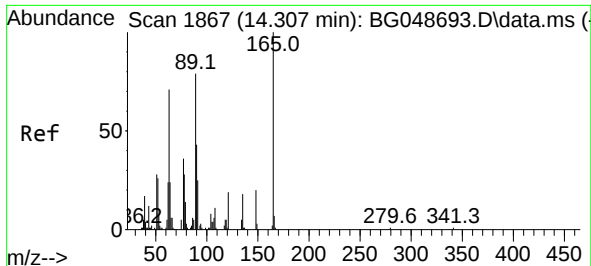
Tgt Ion:330 Resp: 82095
Ion Ratio Lower Upper
330 100
332 100.4 77.3 115.9
141 46.1 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 65.11 ng
RT: 13.331 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

Tgt Ion:172 Resp: 321632
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 23.4 18.6 27.8

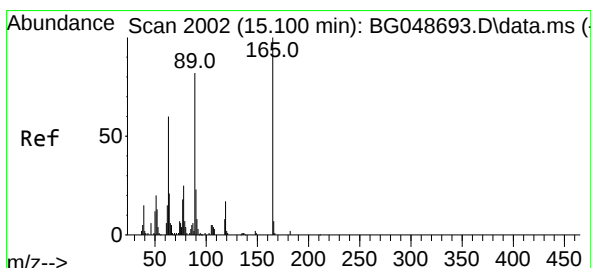
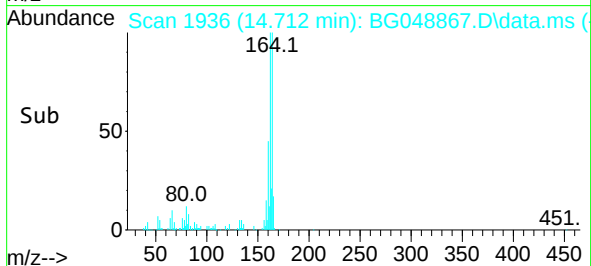
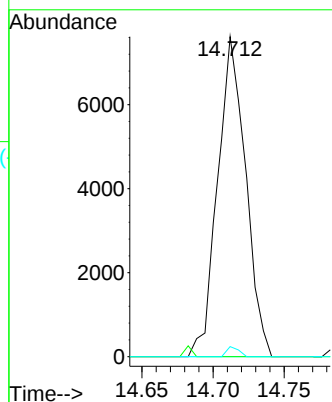
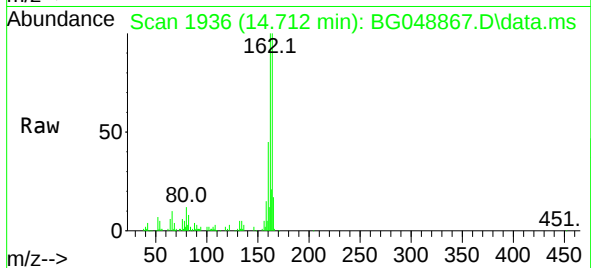




#51
2,6-Dinitrotoluene
Concen: 8.46 ng
RT: 14.712 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

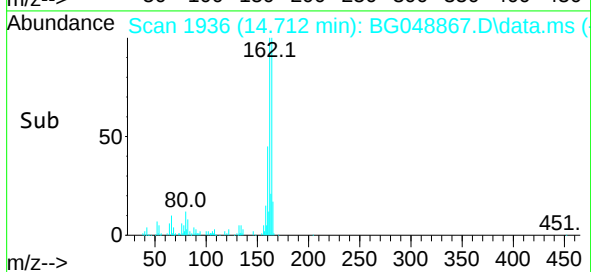
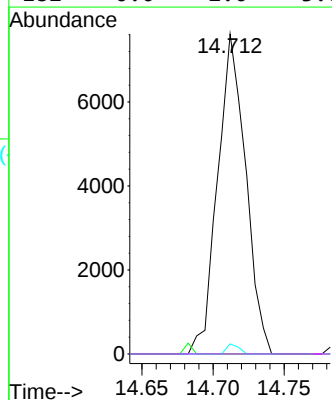
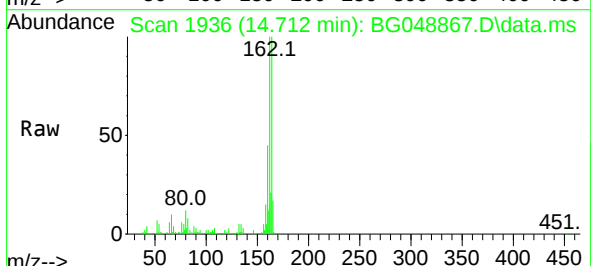
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SB-34-0-2.0

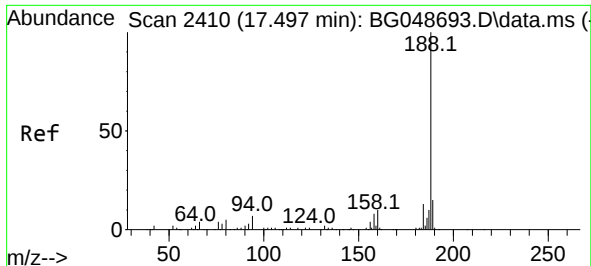
Tgt Ion:165 Resp: 10446
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.2 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.83 ng
RT: 14.712 min Scan# 1936
Delta R.T. -0.370 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

Tgt Ion:165 Resp: 10446
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.2 65.4 98.0#
182 0.0 2.0 3.0#

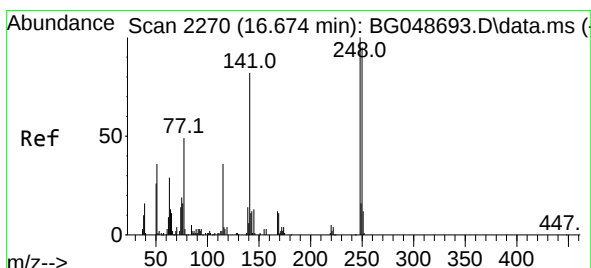
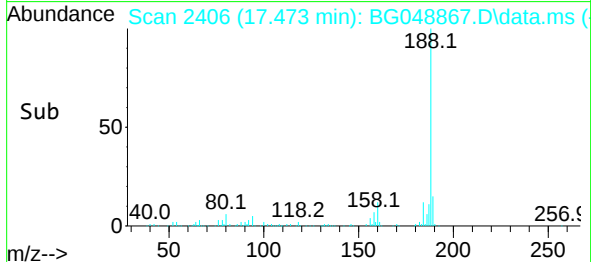
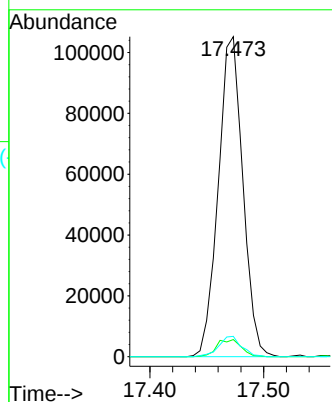
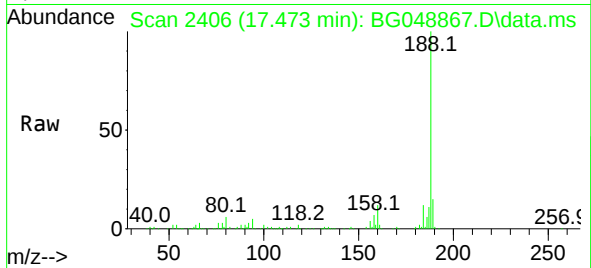




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.473 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

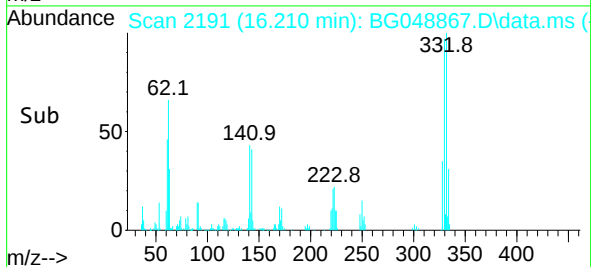
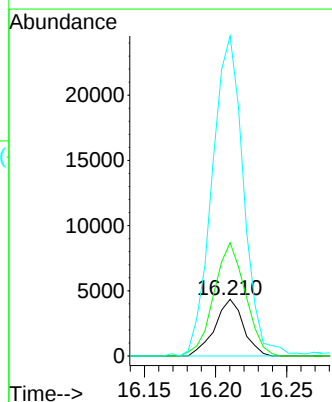
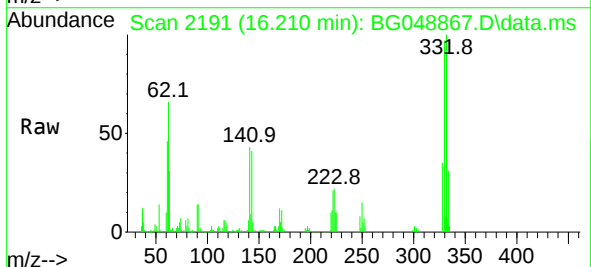
Instrument :
BNA_G
ClientSampleId :
SB-34-0-2.0

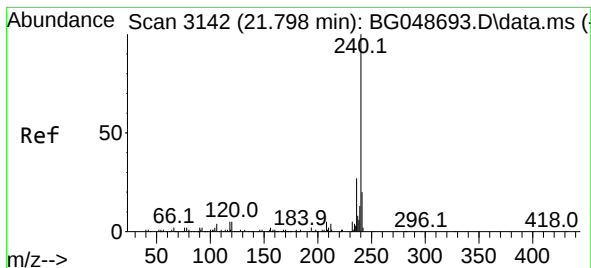
Tgt Ion:188 Resp: 157973
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 6.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 16.210 min Scan# 2191
Delta R.T. -0.453 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

Tgt Ion:248 Resp: 6073
Ion Ratio Lower Upper
248 100
250 200.1 76.1 114.1#
141 565.1 65.4 98.2#

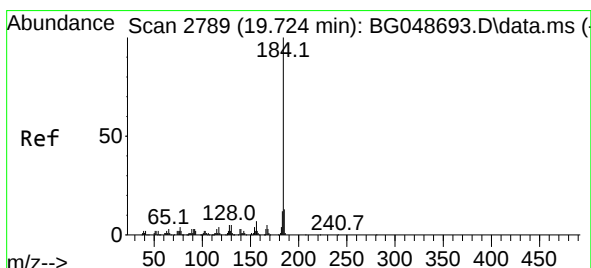
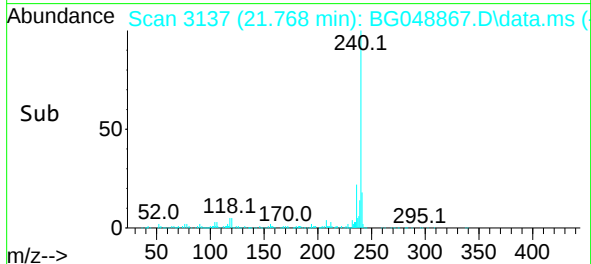
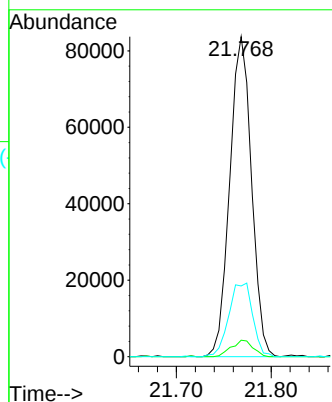
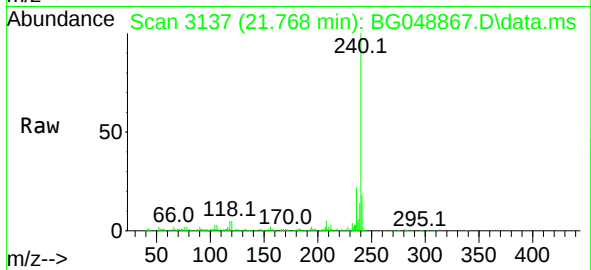




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.768 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

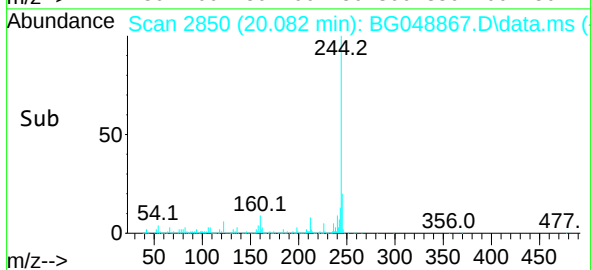
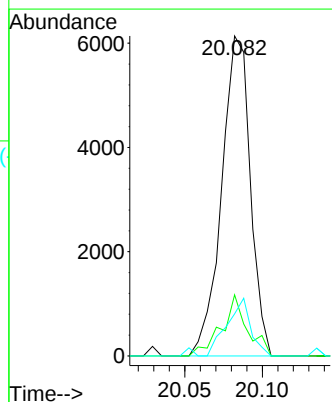
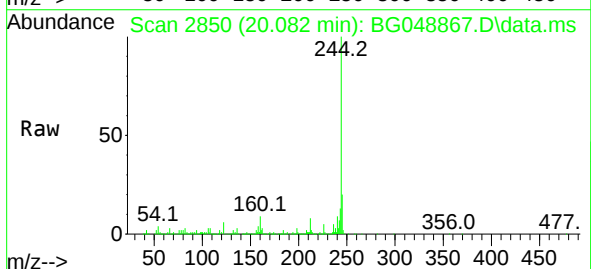
Instrument :
BNA_G
ClientSampleID :
SB-34-0-2.0

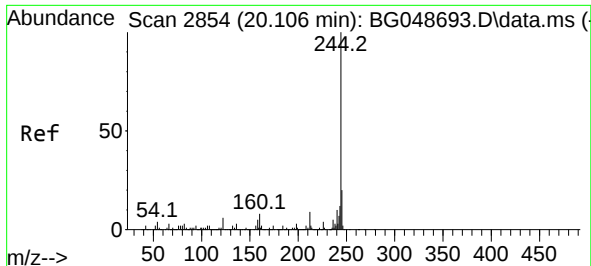
Tgt Ion:240 Resp: 133369
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 22.1 21.8 32.6



#77
Benzidine
Concen: 2.18 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.370 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

Tgt Ion:184 Resp: 7885
Ion Ratio Lower Upper
184 100
185 19.1 10.7 16.1#
183 13.2 9.4 14.0

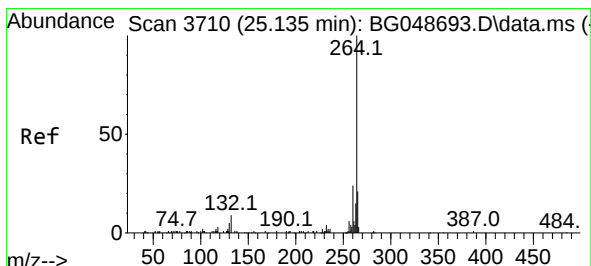
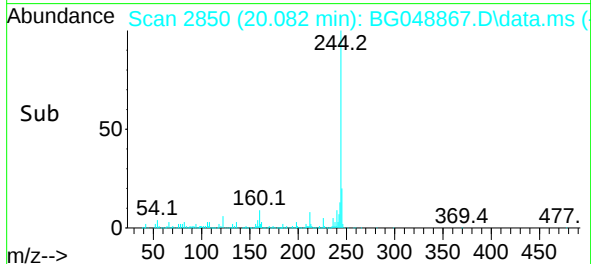
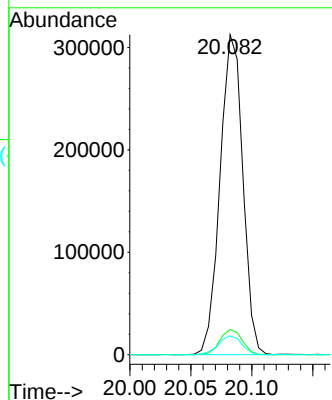
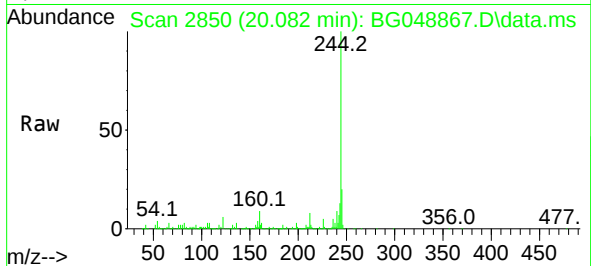




#79
Terphenyl-d14
Concen: 52.42 ng
RT: 20.082 min Scan# 2850
Delta R.T. -0.012 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

Instrument :
BNA_G
ClientSampled :
SB-34-0-2.0

Tgt Ion:244	Resp:	406197
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.9 10.3
122	5.9	5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.094 min Scan# 3703
Delta R.T. -0.018 min
Lab File: BG048867.D
Acq: 23 Apr 2021 17:31

Tgt Ion:264	Resp:	130084
Ion Ratio	Lower	Upper
264	100	
260	25.3	19.4 29.2
265	21.4	16.9 25.3

