

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
 Data File : BG048591.D
 Acq On : 5 Apr 2021 20:00
 Operator : CG/JU
 Sample : M1908-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2(2-2.5)

Quant Time: Apr 06 04:42:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

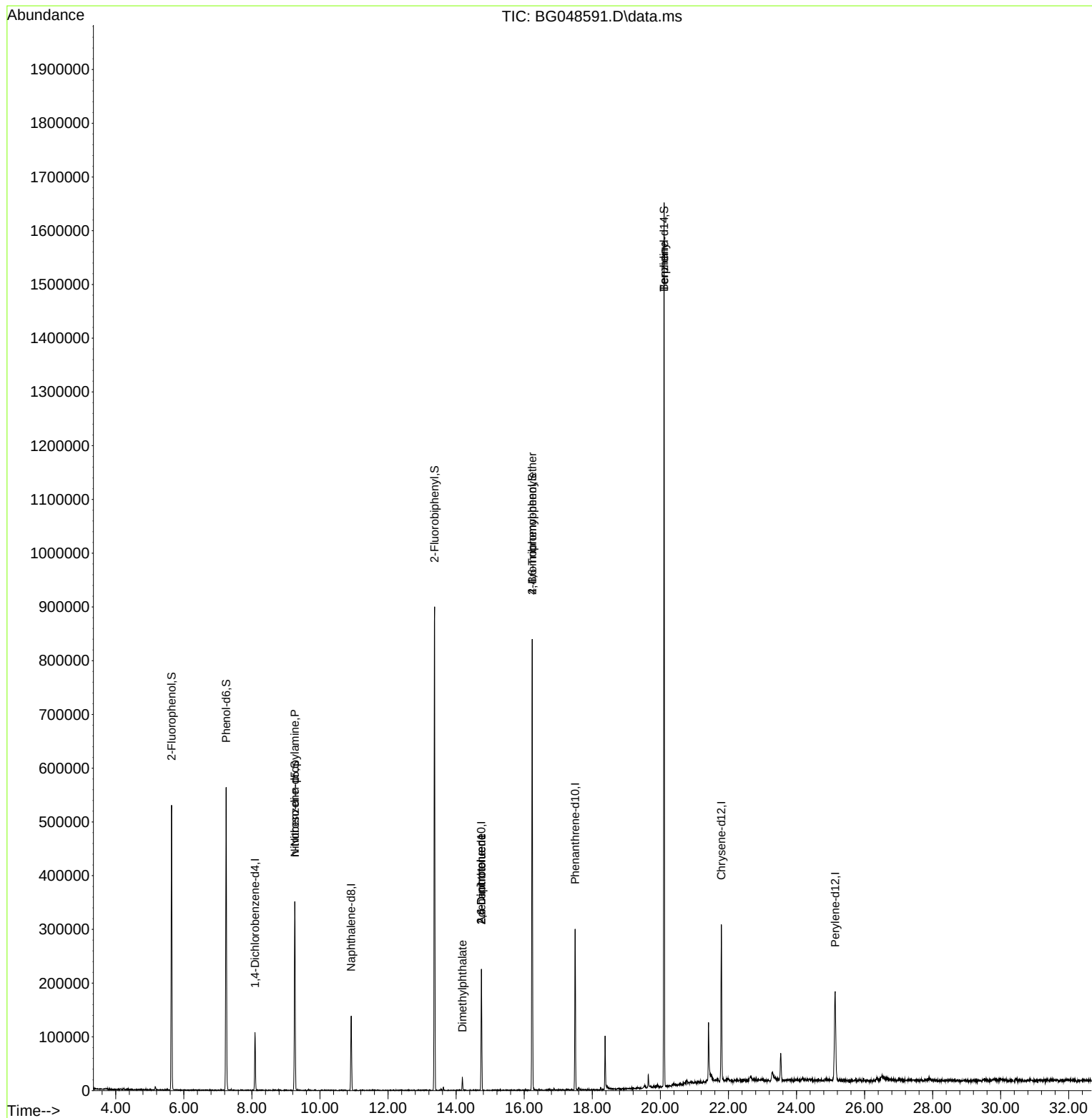
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	27496	20.00	ng	# 0.00
21) Naphthalene-d8	10.917	136	114137	20.00	ng	0.00
39) Acenaphthene-d10	14.742	164	77818	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	188528	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	177244	20.00	ng	# 0.00
86) Perylene-d12	25.135	264	177431	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	222541	142.89	ng	0.00
7) Phenol-d6	7.245	99	285707	126.49	ng	0.00
23) Nitrobenzene-d5	9.260	82	204321	86.67	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	138689	135.58	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	460367	87.93	ng	0.00
79) Terphenyl-d14	20.112	244	756855	78.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.260	70	31030	19.93	ng	# 78
50) Dimethylphthalate	14.184	163	13987	2.42	ng	# 95
51) 2,6-Dinitrotoluene	14.742	165	10784	8.16	ng	# 19
57) 2,4-Dinitrotoluene	14.742	165	10784	5.77	ng	# 23
67) 4-Bromophenyl-phenylether	16.234	248	10220	4.89	ng	# 1
77) Benzidine	20.112	184	14314	2.38	ng	98

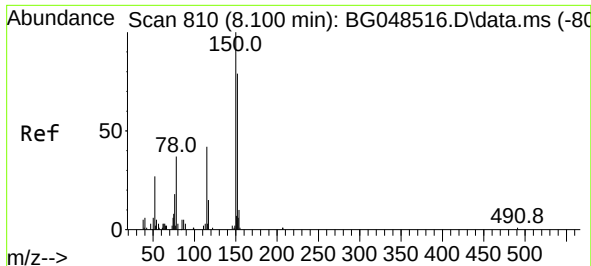
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
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Misc :
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Instrument :
BNA_G
ClientSampleId :
SB-2(2-2.5)

Quant Time: Apr 06 04:42:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

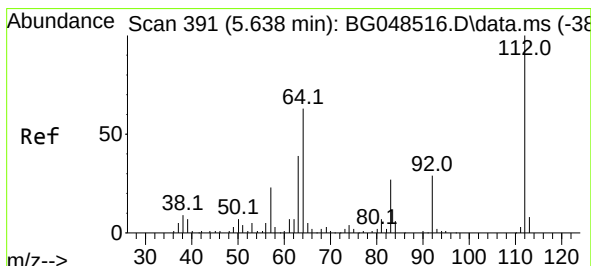
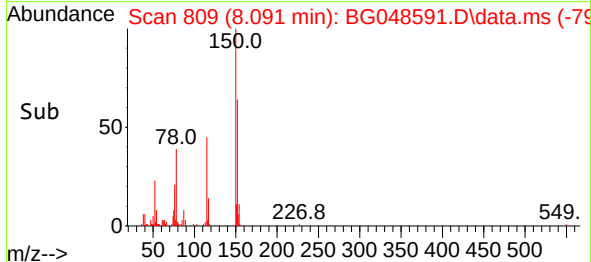
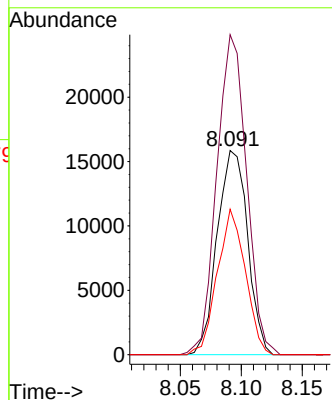
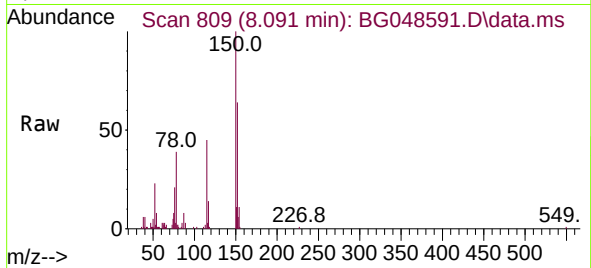




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

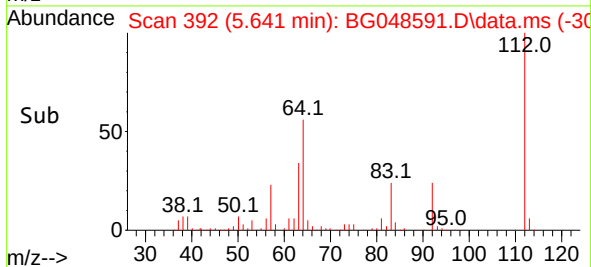
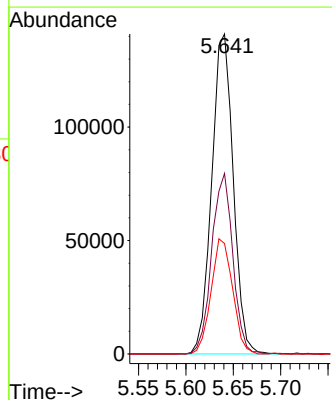
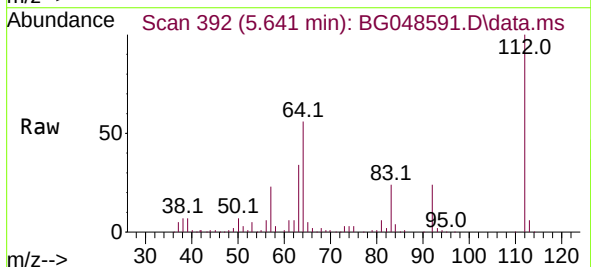
Instrument :
BNA_G
ClientSampleId :
SB-2(2-2.5)

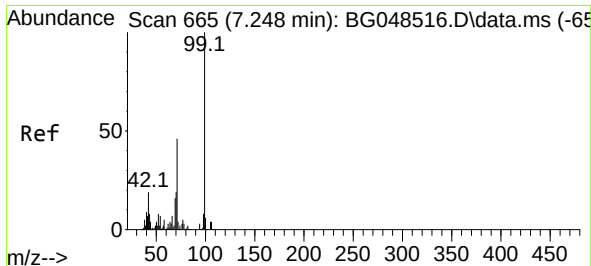
Tgt Ion:152 Resp: 27496
Ion Ratio Lower Upper
152 100
150 156.7 101.3 151.9#
115 71.2 42.3 63.5#



#5
2-Fluorophenol
Concen: 142.89 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

Tgt Ion:112 Resp: 222541
Ion Ratio Lower Upper
112 100
64 56.4 50.4 75.6
63 34.5 31.4 47.2

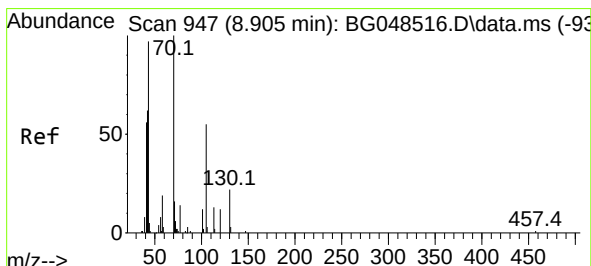
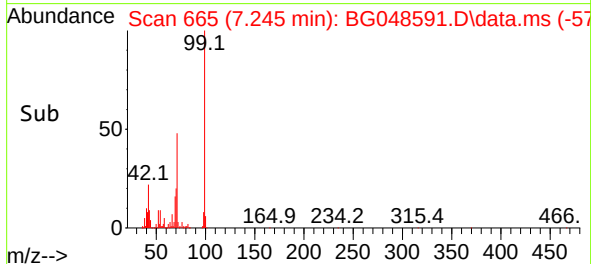
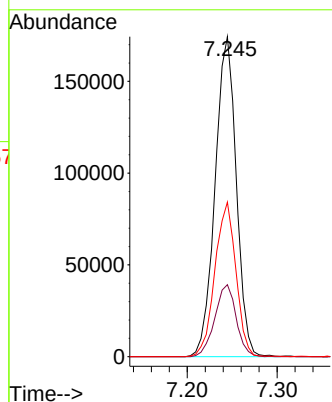
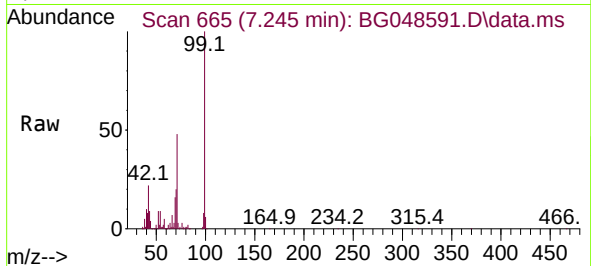




#7
Phenol-d6
Concen: 126.49 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

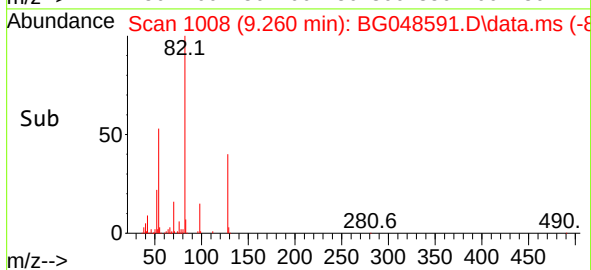
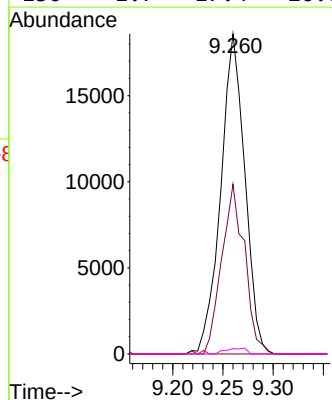
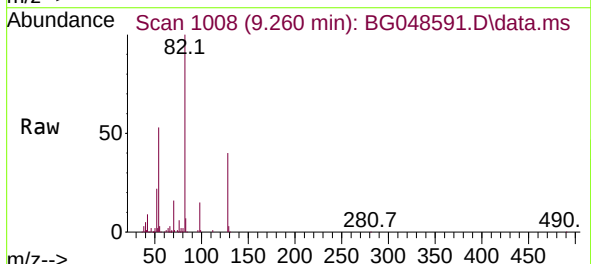
Instrument :
BNA_G
ClientSampleId :
SB-2(2-2.5)

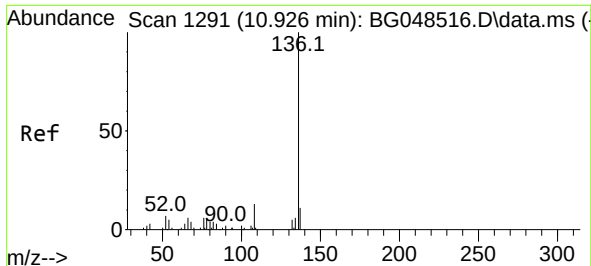
Tgt Ion: 99 Resp: 285707
Ion Ratio Lower Upper
99 100
42 22.5 15.5 23.3
71 48.3 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.93 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.355 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

Tgt Ion: 70 Resp: 31030
Ion Ratio Lower Upper
70 100
42 53.1 50.8 76.2
101 0.0 9.7 14.5#
130 1.7 17.4 26.0#

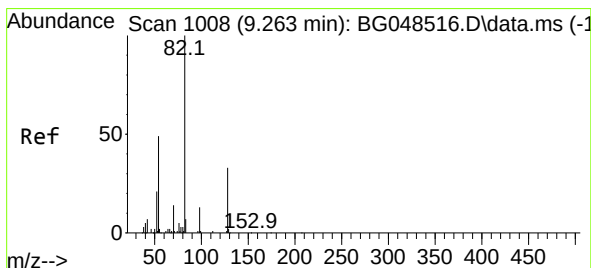
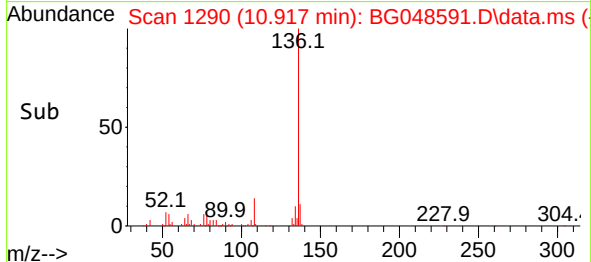
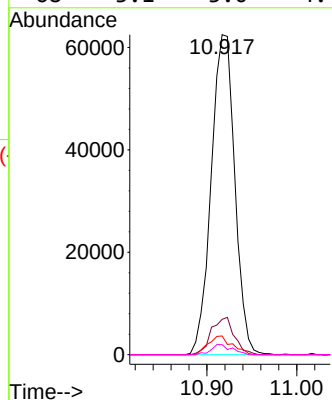
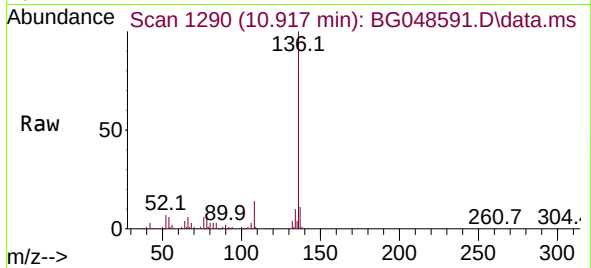




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

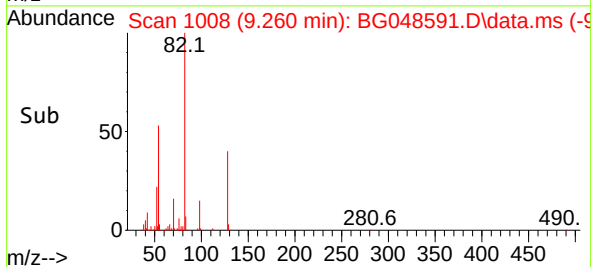
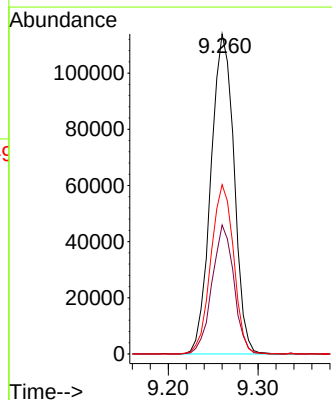
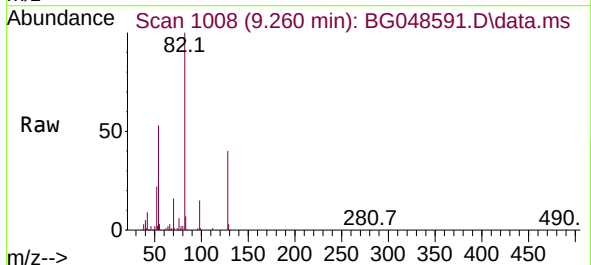
Instrument :
BNA_G
ClientSampleId :
SB-2(2-2.5)

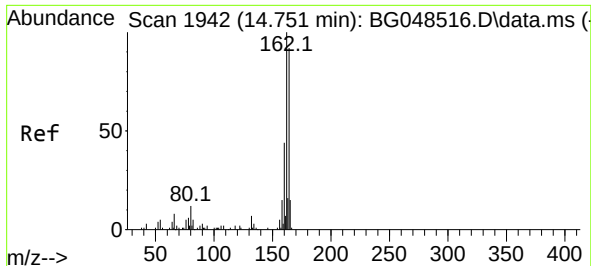
Tgt Ion:136	Resp:	114137
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 12.8
54	5.9	4.2 6.4
68	3.1	3.0 4.4



#23
Nitrobenzene-d5
Concen: 86.67 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

Tgt Ion: 82	Resp:	204321
Ion Ratio	Lower	Upper
82	100	
128	40.3	26.2 39.4
54	52.9	38.9 58.3

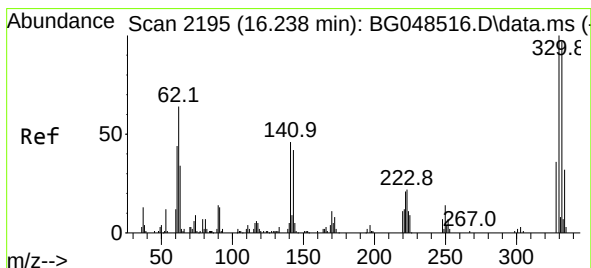
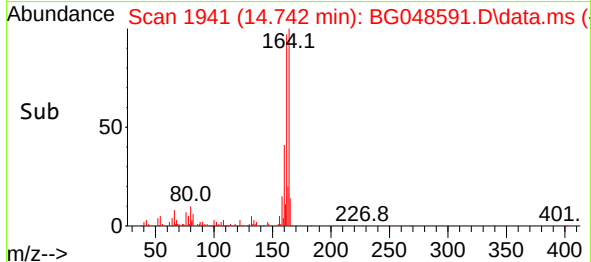
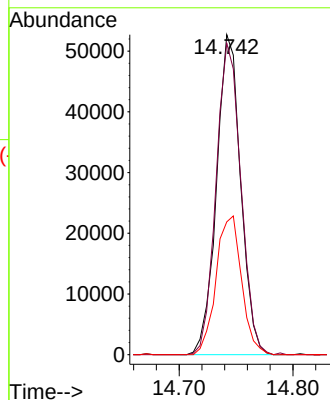
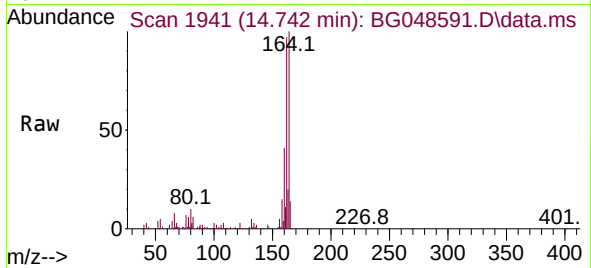




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

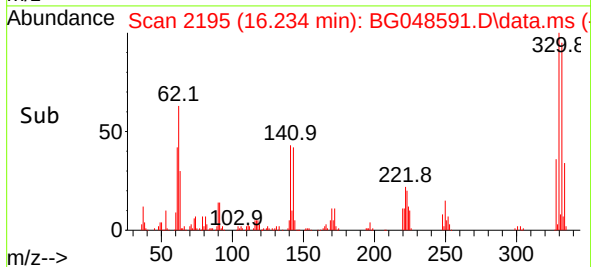
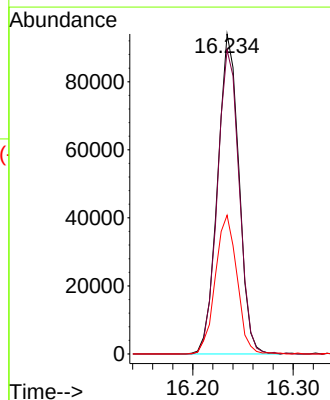
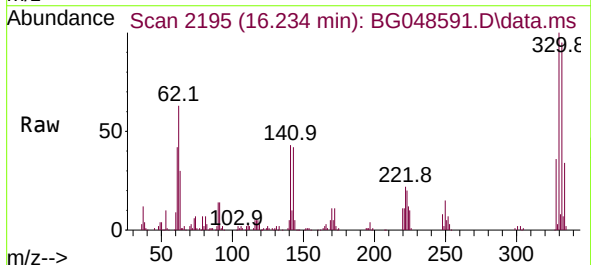
Instrument :
BNA_G
ClientSampled :
SB-2(2-2.5)

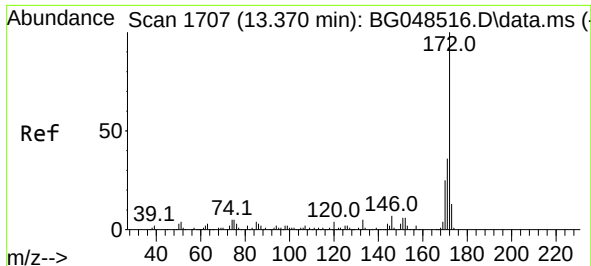
Tgt Ion:164 Resp: 77818
Ion Ratio Lower Upper
164 100
162 97.3 87.0 130.6
160 41.5 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 135.58 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

Tgt Ion:330 Resp: 138689
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 44.1 34.6 52.0

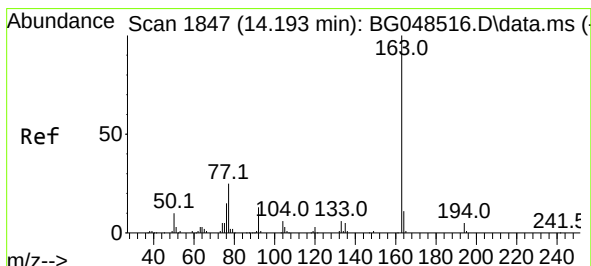
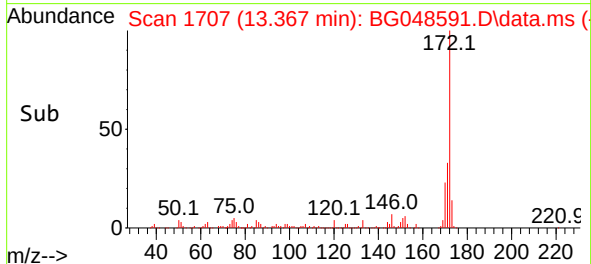
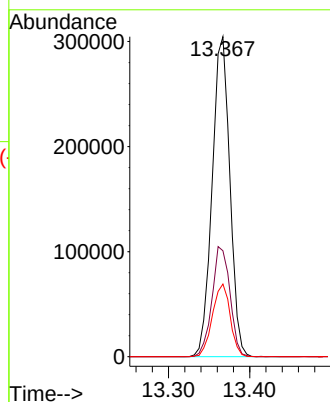
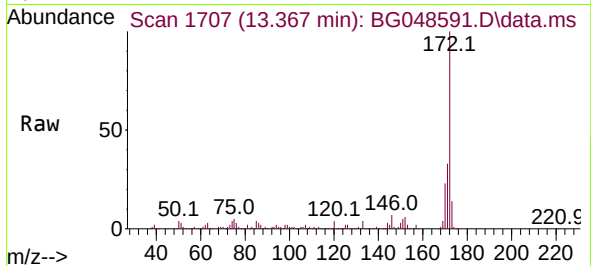




#45
2-Fluorobiphenyl
Concen: 87.93 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.003 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

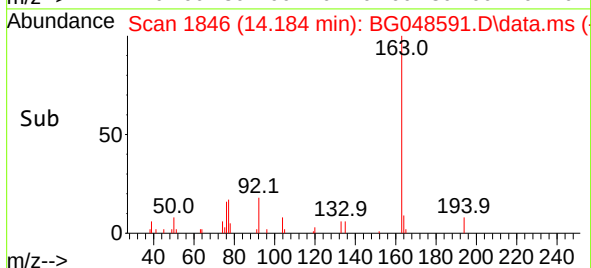
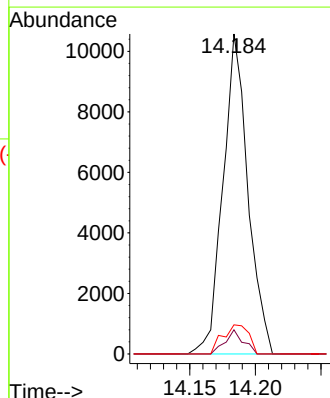
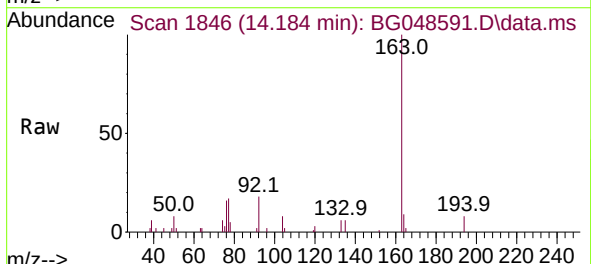
Instrument :
BNA_G
ClientSampleId :
SB-2(2-2.5)

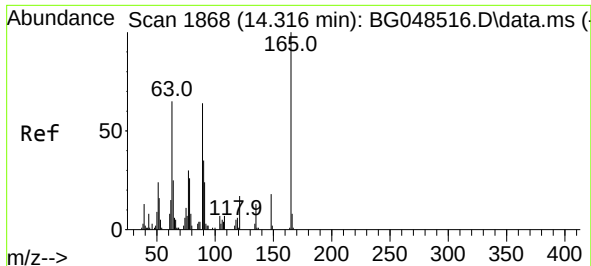
Tgt Ion:172 Resp: 460367
Ion Ratio Lower Upper
172 100
171 33.1 28.5 42.7
170 22.7 19.8 29.6



#50
Dimethylphthalate
Concen: 2.42 ng
RT: 14.184 min Scan# 1846
Delta R.T. -0.015 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

Tgt Ion:163 Resp: 13987
Ion Ratio Lower Upper
163 100
194 7.6 4.1 6.1#
164 9.1 8.6 12.8

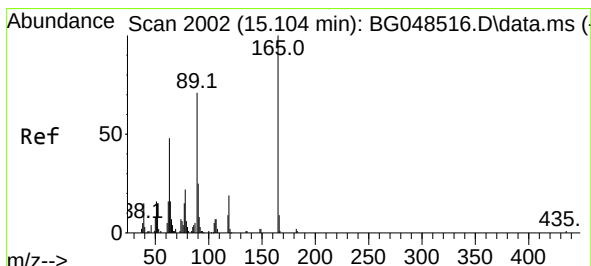
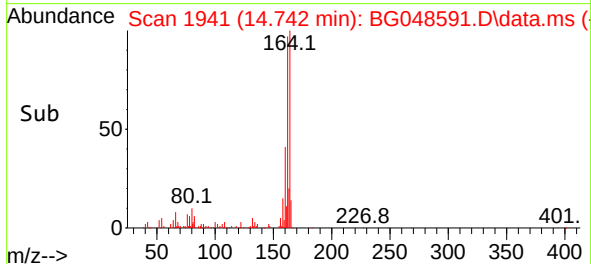
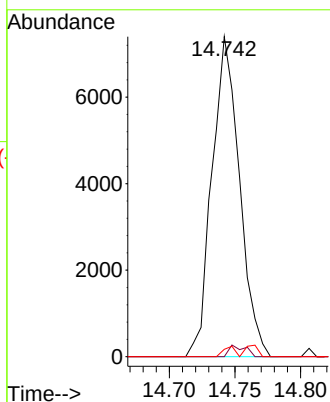
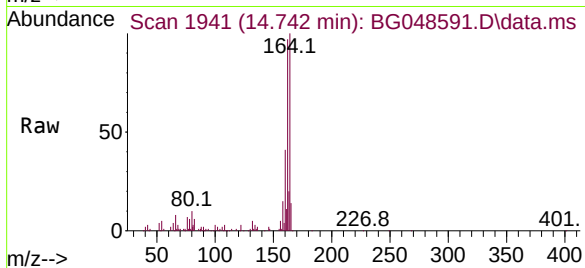




#51
2,6-Dinitrotoluene
Concen: 8.16 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

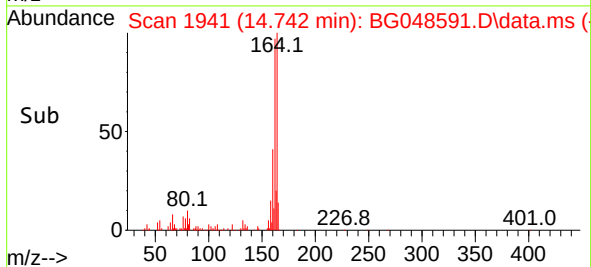
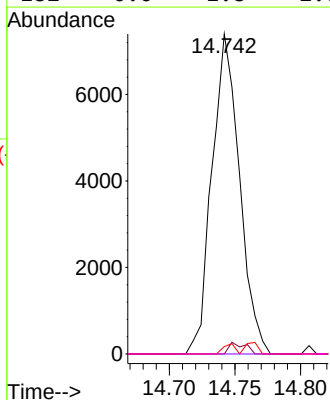
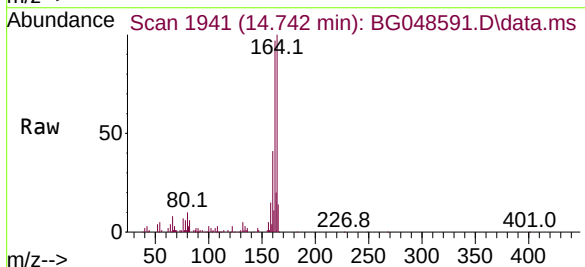
Instrument :
BNA_G
ClientSampleId :
SB-2(2-2.5)

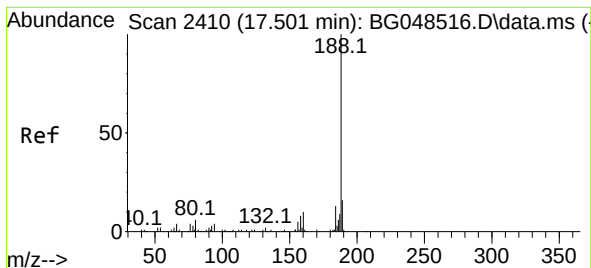
Tgt Ion:165 Resp: 10784
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 2.3 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.77 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

Tgt Ion:165 Resp: 10784
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 2.3 56.5 84.7#
182 0.0 1.8 2.6#

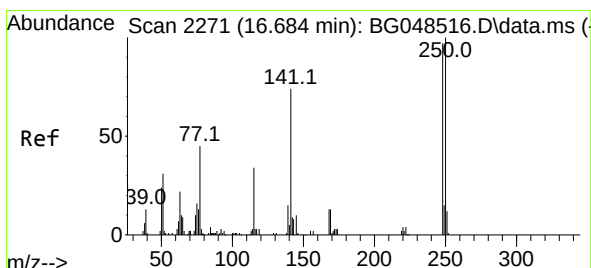
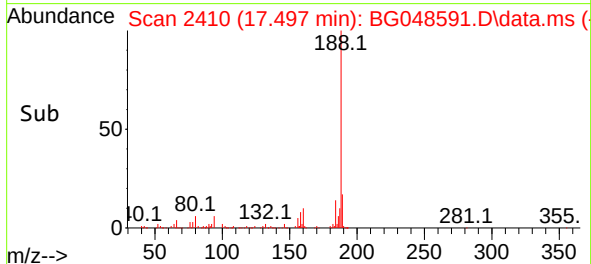
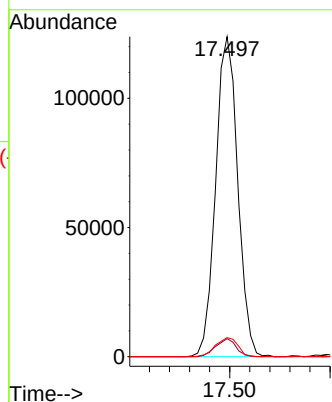
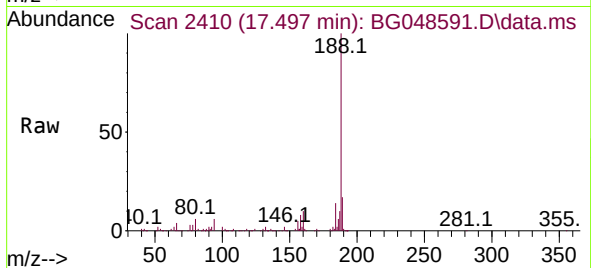




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

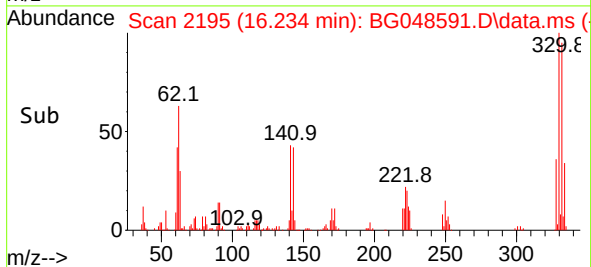
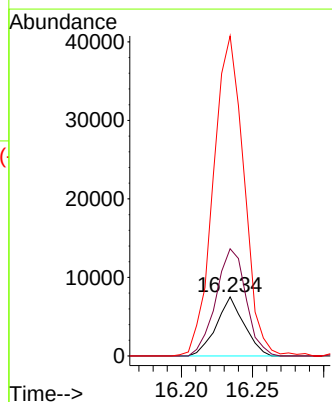
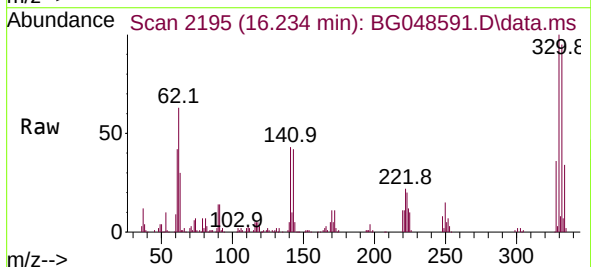
Instrument :
BNA_G
ClientSampleId :
SB-2(2-2.5)

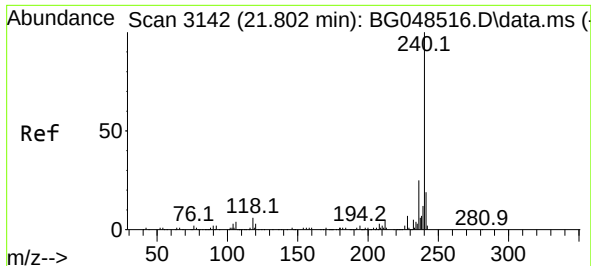
Tgt Ion:188 Resp: 188528
Ion Ratio Lower Upper
188 100
94 5.6 3.0 4.6#
80 6.0 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.455 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

Tgt Ion:248 Resp: 10220
Ion Ratio Lower Upper
248 100
250 181.3 82.6 124.0#
141 541.6 61.0 91.6#

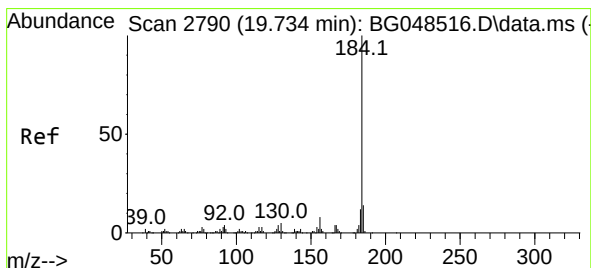
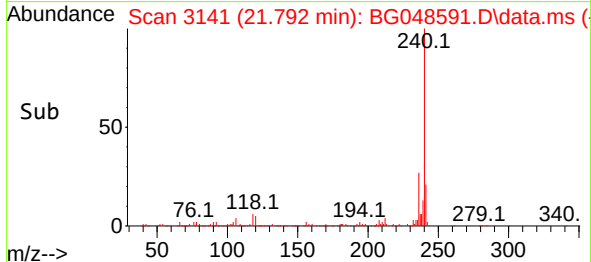
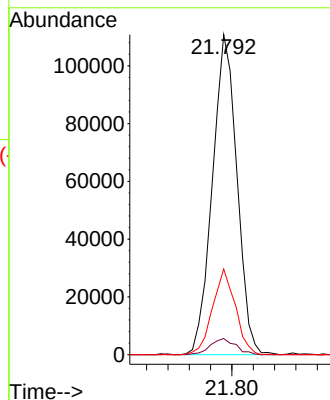
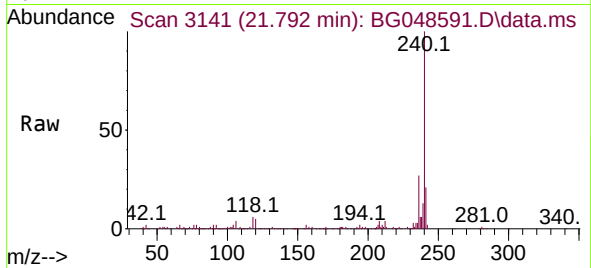




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

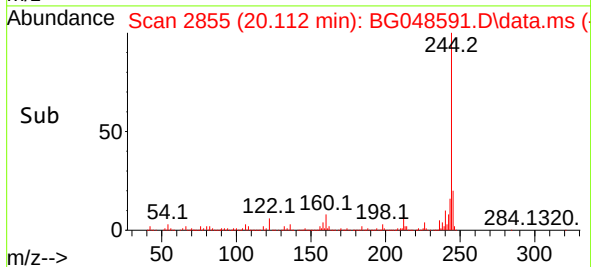
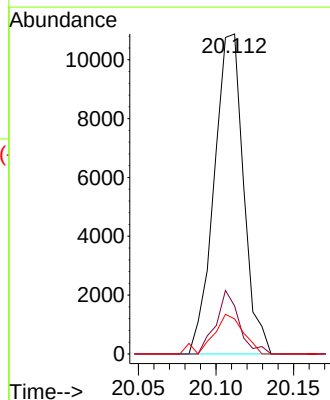
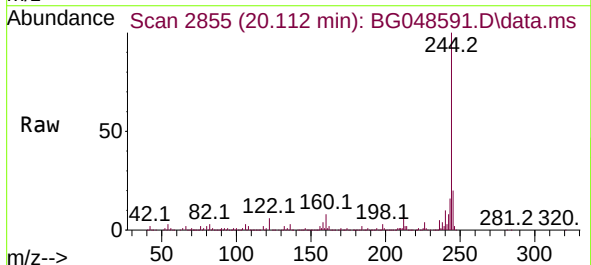
Instrument :
BNA_G
ClientSampleId :
SB-2(2-2.5)

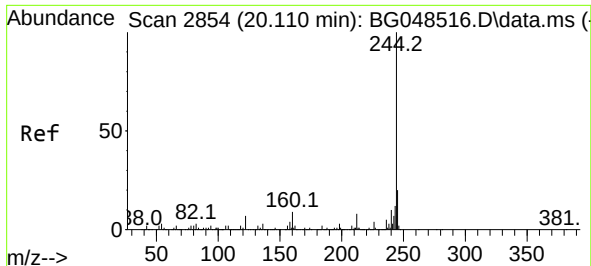
Tgt Ion:240 Resp: 177244
Ion Ratio Lower Upper
240 100
120 5.1 2.6 3.8#
236 26.7 19.8 29.6



#77
Benzidine
Concen: 2.38 ng
RT: 20.112 min Scan# 2855
Delta R.T. 0.379 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

Tgt Ion:184 Resp: 14314
Ion Ratio Lower Upper
184 100
185 15.0 11.0 16.4
183 11.0 9.2 13.8

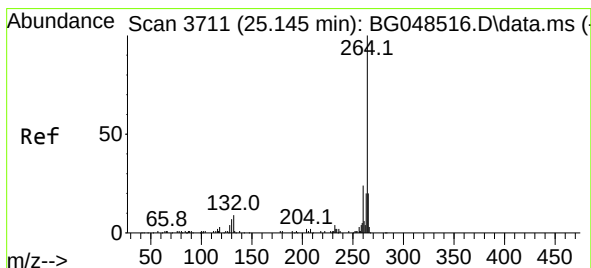
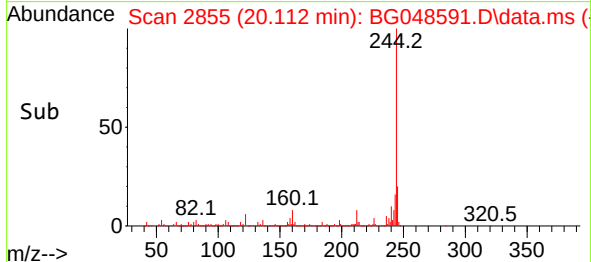
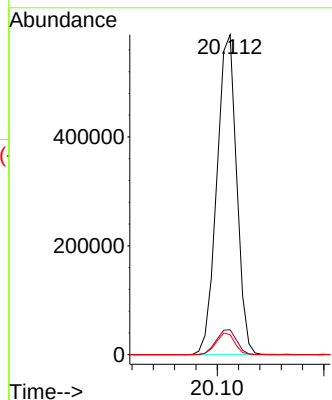
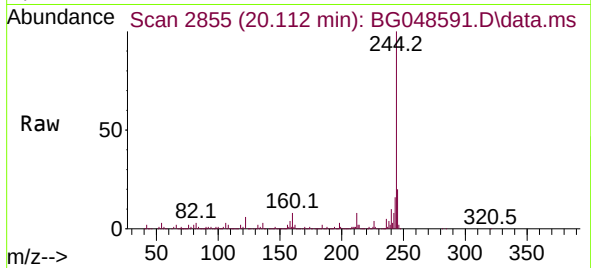




#79
Terphenyl-d14
Concen: 78.09 ng
RT: 20.112 min Scan# 2855
Delta R.T. -0.003 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

Instrument :
BNA_G
ClientSampleId :
SB-2(2-2.5)

Tgt Ion:244 Resp: 756855
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 6.3 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.135 min Scan# 3710
Delta R.T. -0.015 min
Lab File: BG048591.D
Acq: 5 Apr 2021 20:00

Tgt Ion:264 Resp: 177431
Ion Ratio Lower Upper
264 100
260 22.2 19.1 28.7
265 22.8 16.1 24.1

