

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048801.D
 Acq On : 20 Apr 2021 19:30
 Operator : CG/JU
 Sample : M2026-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-02

Quant Time: Apr 21 04:32:40 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)

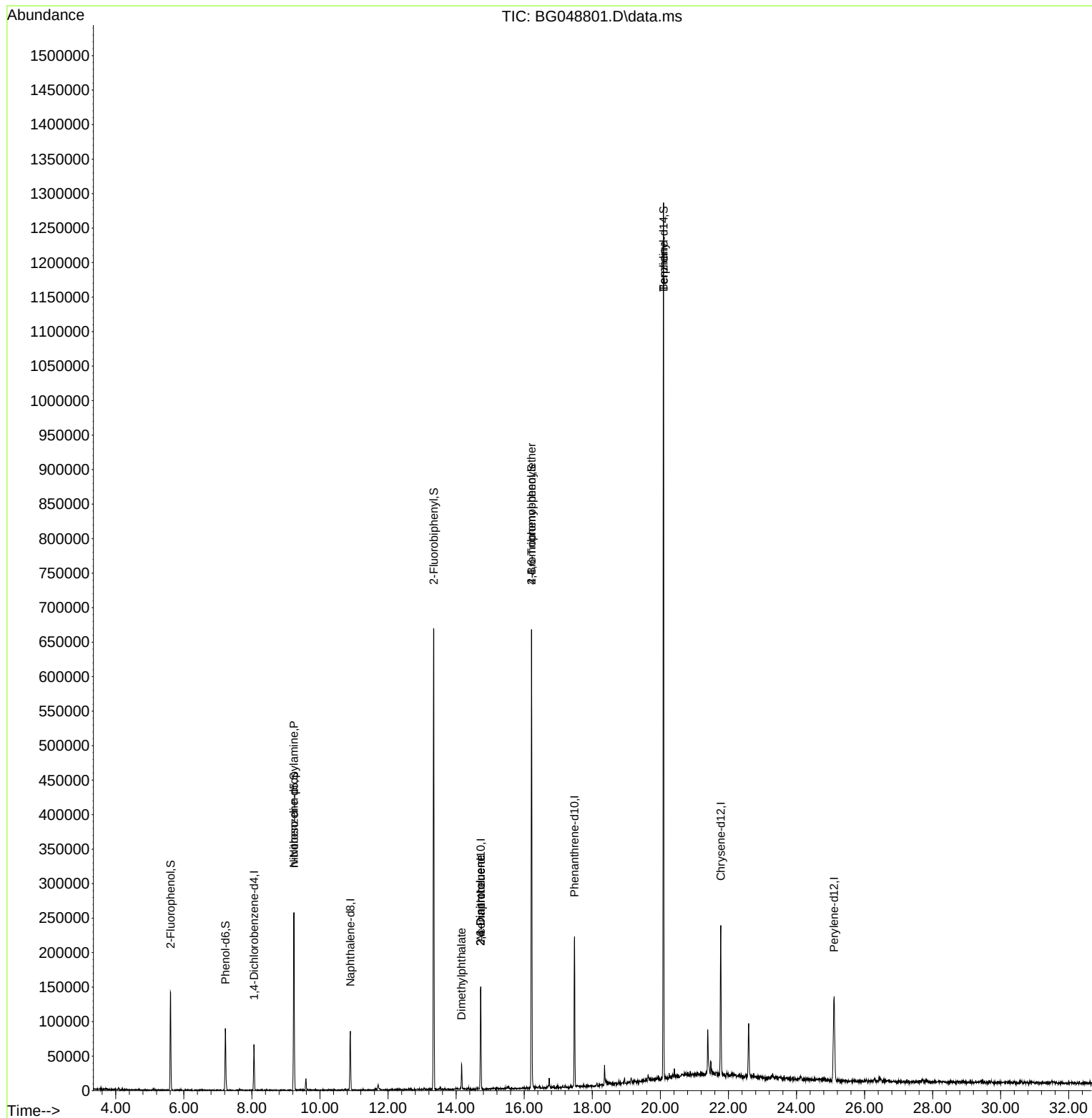
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	16069	20.00	ng	0.00
21) Naphthalene-d8	10.893	136	69327	20.00	ng	0.00
39) Acenaphthene-d10	14.724	164	51580	20.00	ng	0.00
64) Phenanthrene-d10	17.474	188	133455	20.00	ng	# 0.00
76) Chrysene-d12	21.774	240	131904	20.00	ng	0.00
86) Perylene-d12	25.106	264	131369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	55953	58.24	ng	0.00
7) Phenol-d6	7.221	99	43349	31.90	ng	0.00
23) Nitrobenzene-d5	9.236	82	145715	94.10	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	105815	153.00	ng	0.00
45) 2-Fluorobiphenyl	13.343	172	331755	92.88	ng	0.00
79) Terphenyl-d14	20.094	244	573065	74.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.236	70	23321	25.44	ng	# 67
50) Dimethylphthalate	14.160	163	19618	5.07	ng	96
51) 2,6-Dinitrotoluene	14.718	165	6693	7.50	ng	# 16
57) 2,4-Dinitrotoluene	14.718	165	6693	5.16	ng	# 21
67) 4-Bromophenyl-phenylether	16.216	248	7906	5.15	ng	# 1
77) Benzidine	20.094	184	12069	3.37	ng	# 93

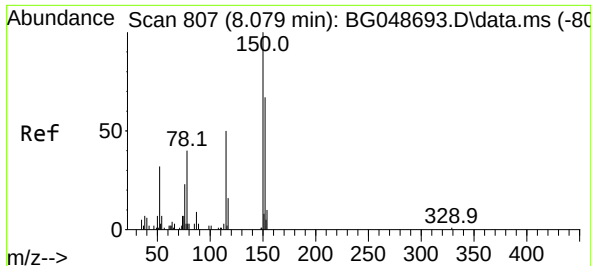
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

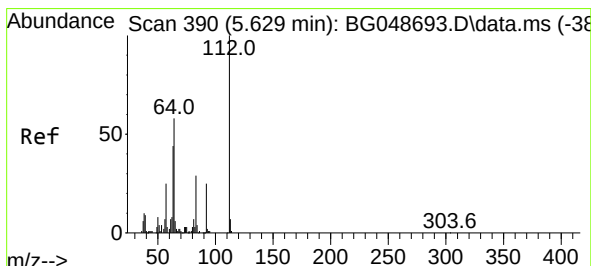
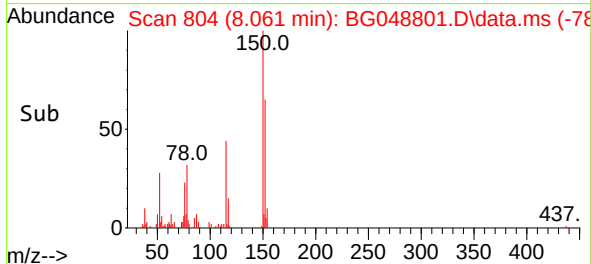
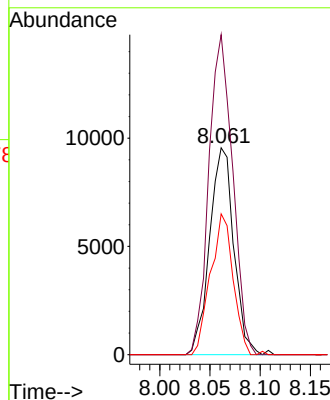
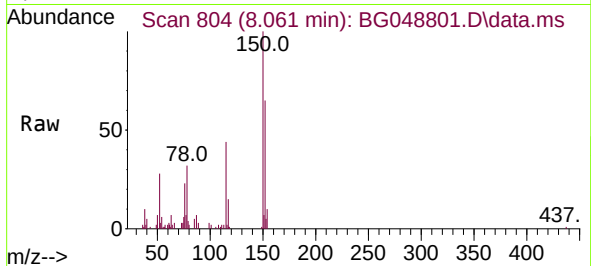




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.061 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

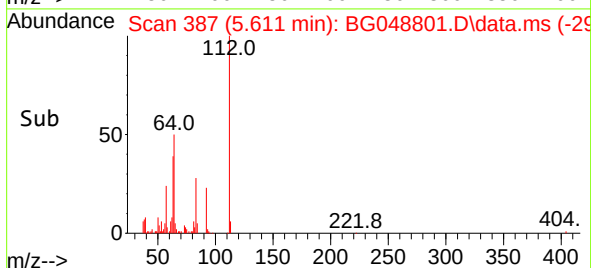
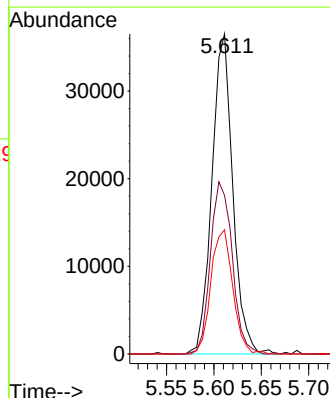
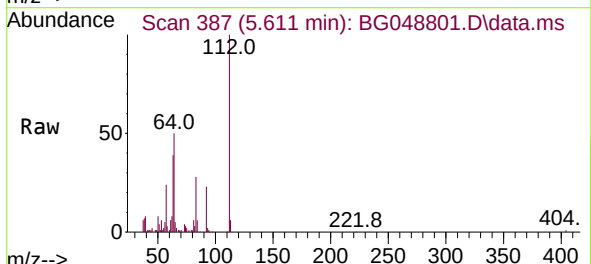
Instrument :
BNA_G
ClientSampleId :
PZ-02

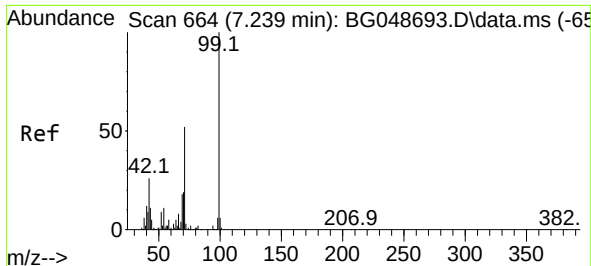
Tgt Ion:152 Resp: 16069
Ion Ratio Lower Upper
152 100
150 154.6 119.4 179.0
115 68.0 60.2 90.4



#5
2-Fluorophenol
Concen: 58.24 ng
RT: 5.611 min Scan# 387
Delta R.T. 0.006 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

Tgt Ion:112 Resp: 55953
Ion Ratio Lower Upper
112 100
64 49.6 46.7 70.1
63 38.8 35.3 52.9

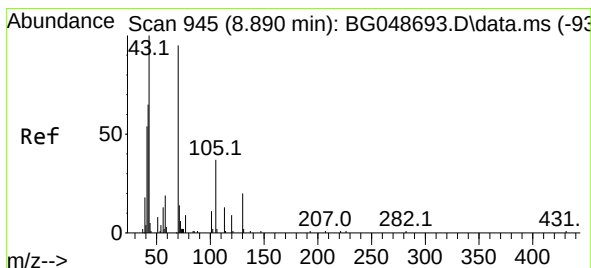
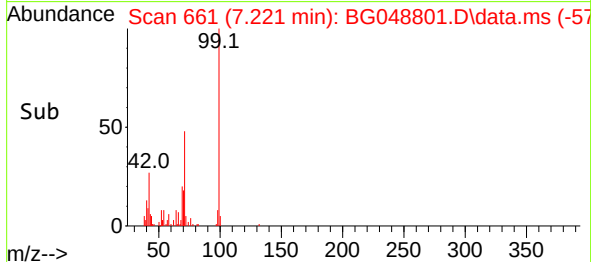
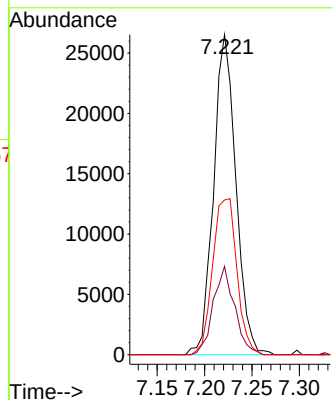
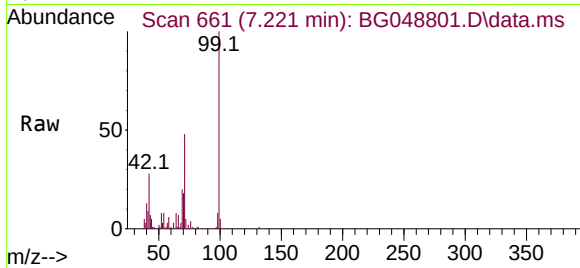




#7
Phenol-d6
Concen: 31.90 ng
RT: 7.221 min Scan# 661
Delta R.T. -0.000 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

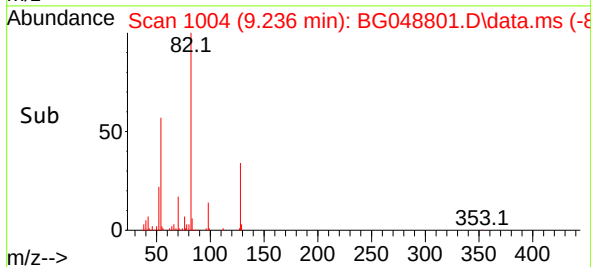
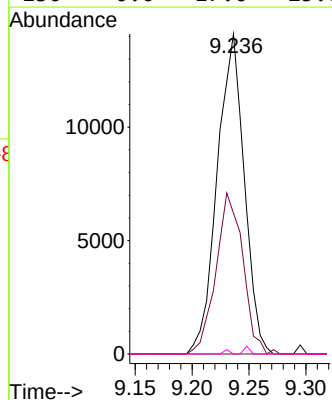
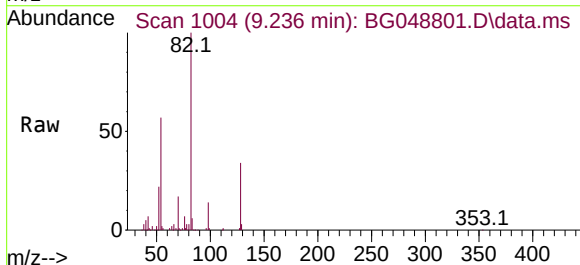
Instrument :
BNA_G
ClientSampleId :
PZ-02

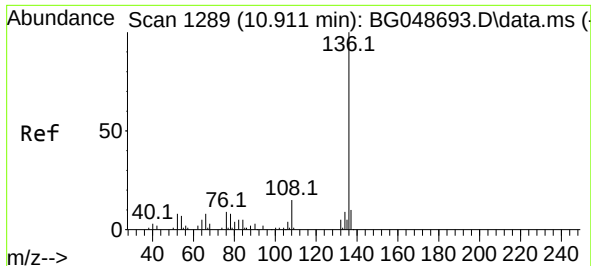
Tgt Ion: 99 Resp: 43349
Ion Ratio Lower Upper
99 100
42 27.6 20.5 30.7
71 48.3 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 25.44 ng
RT: 9.236 min Scan# 1004
Delta R.T. 0.364 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

Tgt Ion: 70 Resp: 23321
Ion Ratio Lower Upper
70 100
42 44.0 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

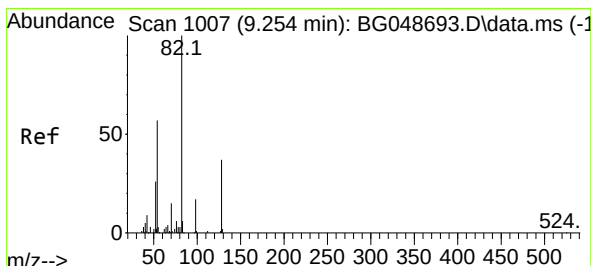
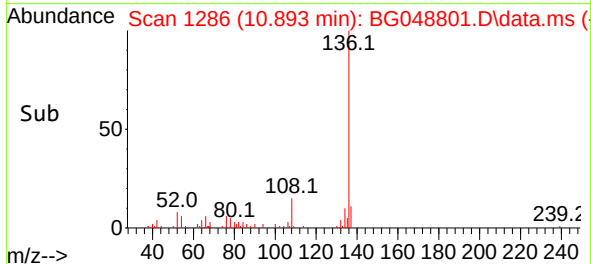
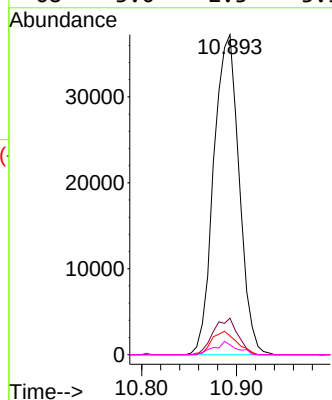
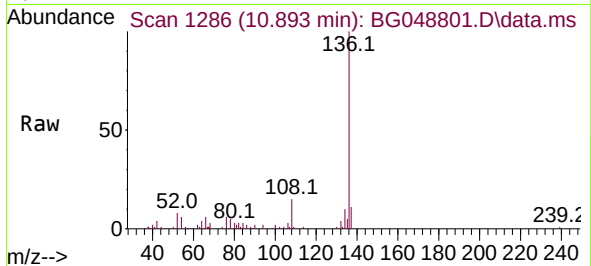




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.893 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

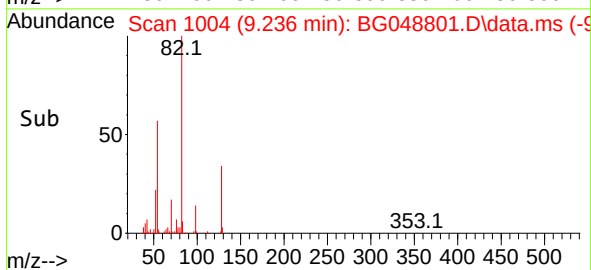
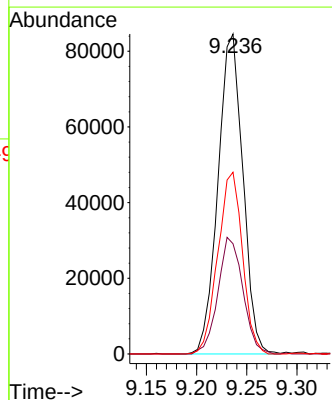
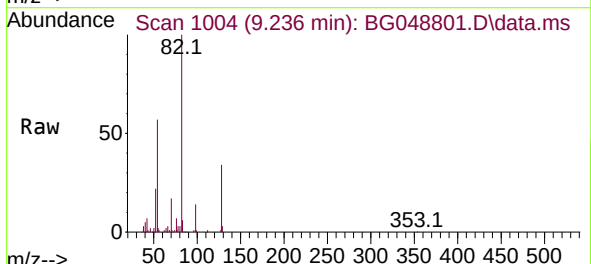
Instrument :
BNA_G
ClientSampleId :
PZ-02

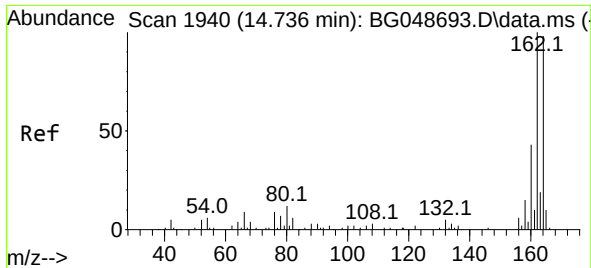
Tgt Ion:136	Resp:	69327
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.2 12.2
54	5.8	5.5 8.3
68	3.0	2.3 3.5



#23
Nitrobenzene-d5
Concen: 94.10 ng
RT: 9.236 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

Tgt Ion: 82	Resp:	145715
Ion Ratio	Lower	Upper
82	100	
128	34.4	29.8 44.6
54	56.8	45.8 68.8

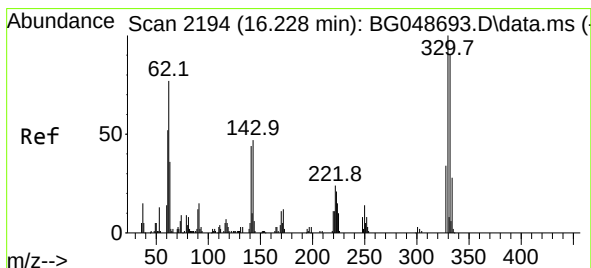
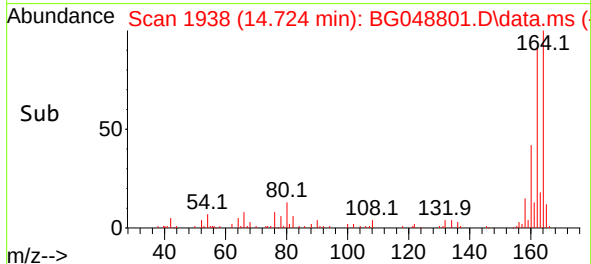
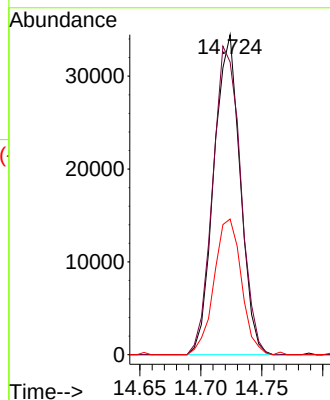
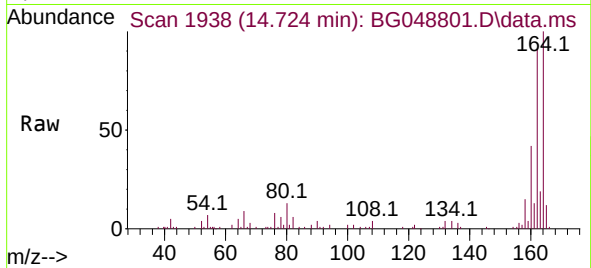




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

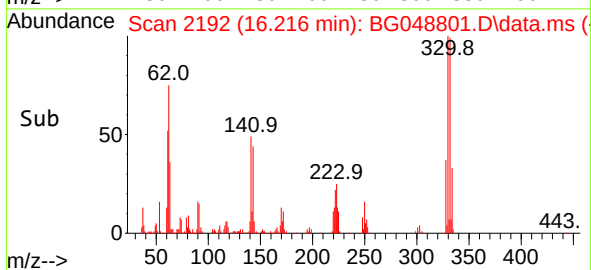
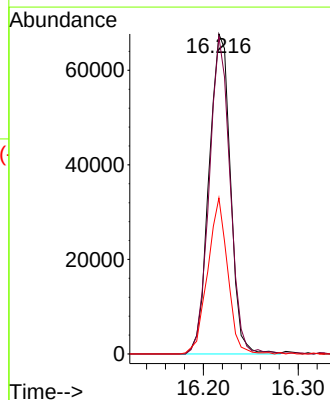
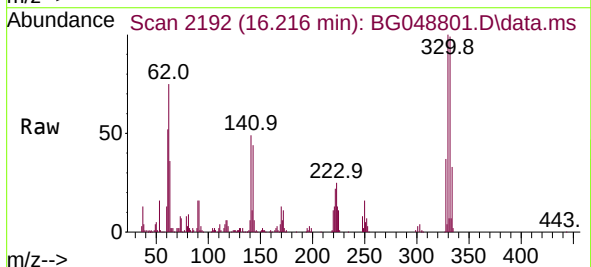
Instrument :
BNA_G
ClientSampleId :
PZ-02

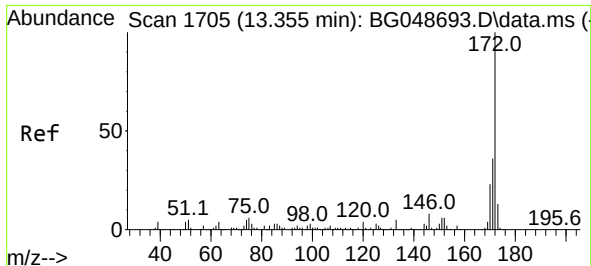
Tgt Ion:164 Resp: 51580
Ion Ratio Lower Upper
164 100
162 91.4 81.4 122.0
160 42.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 153.00 ng
RT: 16.216 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

Tgt Ion:330 Resp: 105815
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 45.5 35.6 53.4

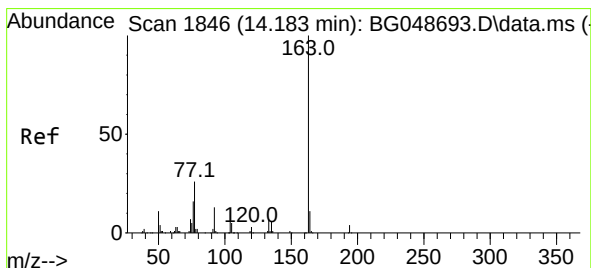
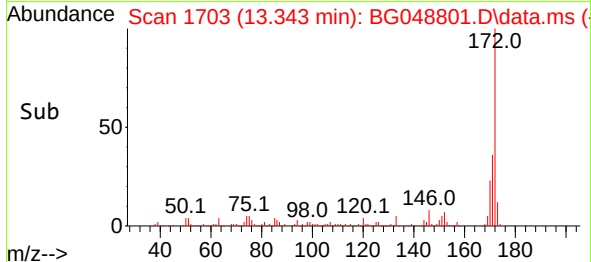
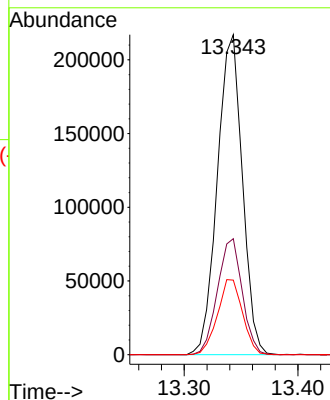
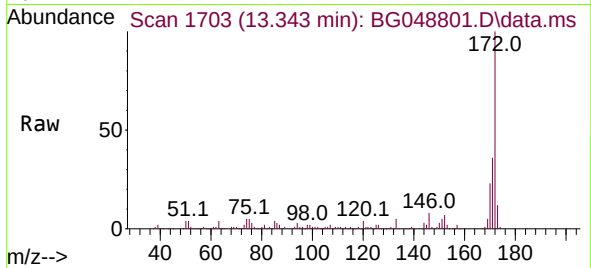




#45
2-Fluorobiphenyl
Concen: 92.88 ng
RT: 13.343 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

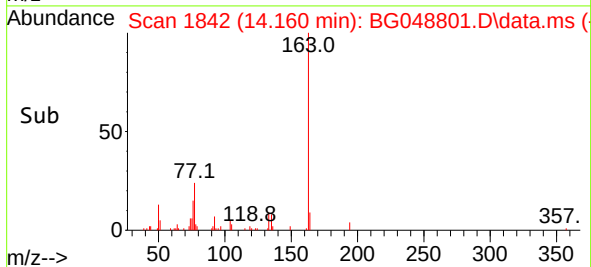
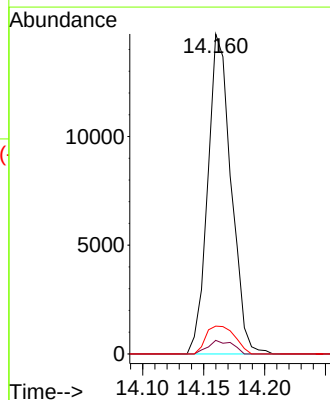
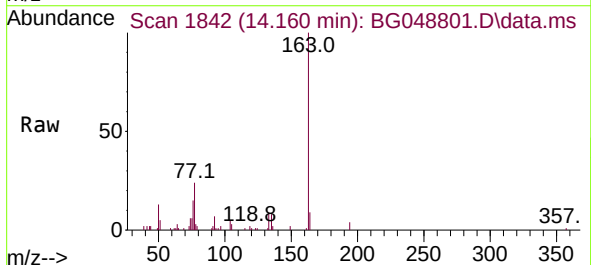
Instrument :
BNA_G
ClientSampled :
PZ-02

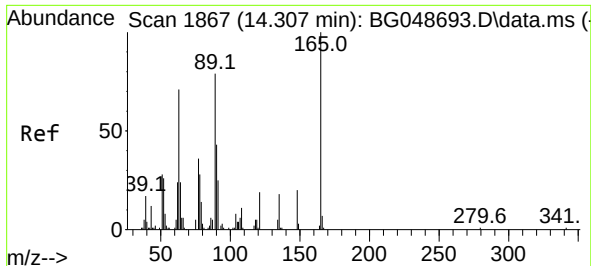
Tgt Ion:172 Resp: 331755
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 23.3 18.6 27.8



#50
Dimethylphthalate
Concen: 5.07 ng
RT: 14.160 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

Tgt Ion:163 Resp: 19618
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 8.7 8.6 12.8

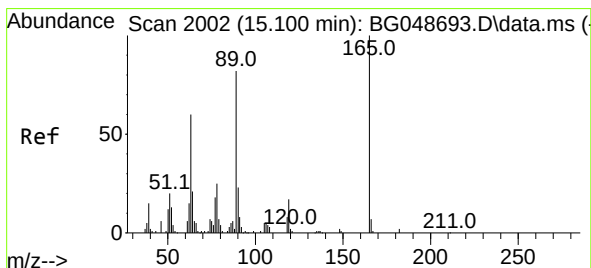
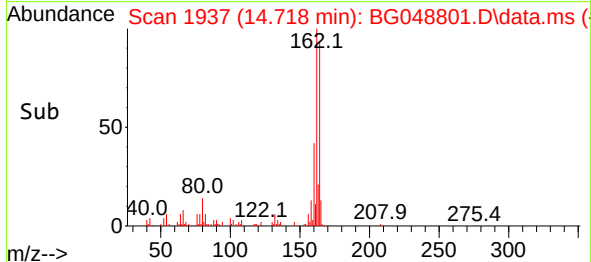
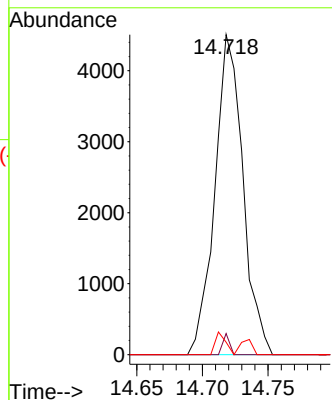
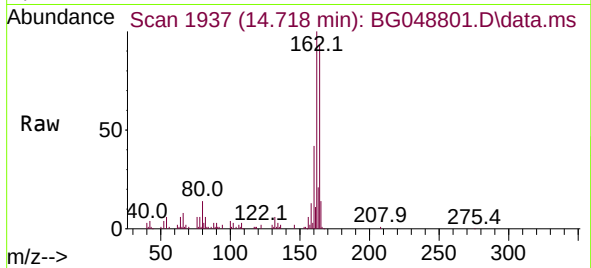




#51
2,6-Dinitrotoluene
Concen: 7.50 ng
RT: 14.718 min Scan# 1937
Delta R.T. 0.423 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

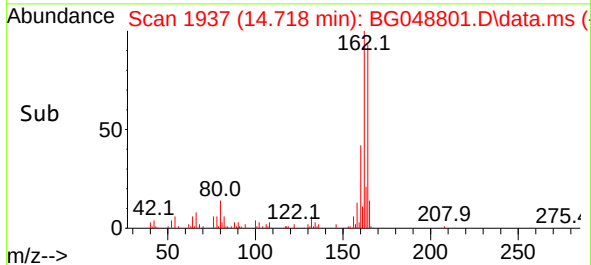
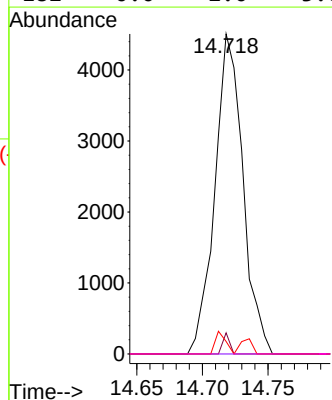
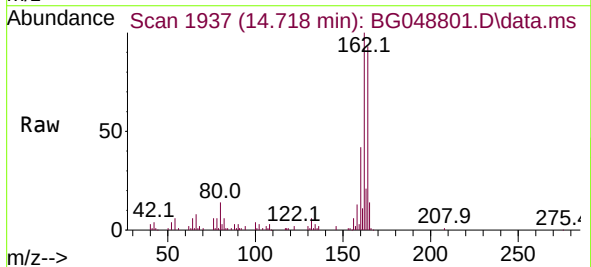
Instrument :
BNA_G
ClientSampled :
PZ-02

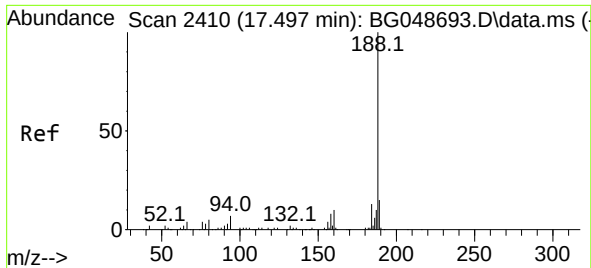
Tgt Ion:165 Resp: 6693
Ion Ratio Lower Upper
165 100
63 6.6 63.3 94.9#
89 3.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.16 ng
RT: 14.718 min Scan# 1937
Delta R.T. -0.364 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

Tgt Ion:165 Resp: 6693
Ion Ratio Lower Upper
165 100
63 6.6 48.0 72.0#
89 3.9 65.4 98.0#
182 0.0 2.0 3.0#

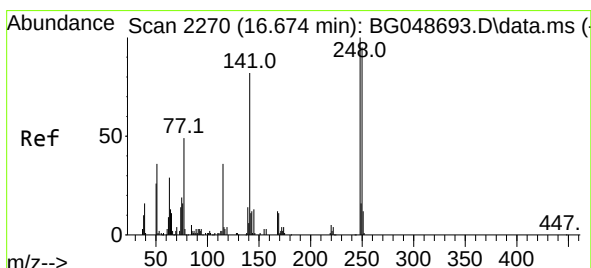
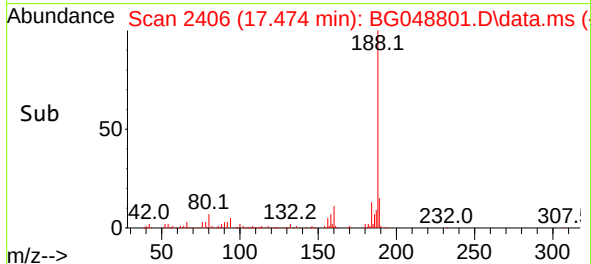
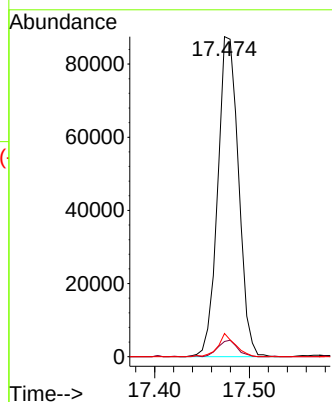
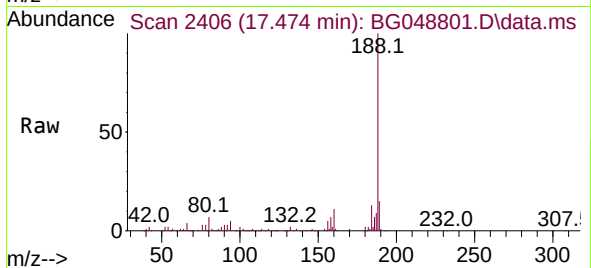




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

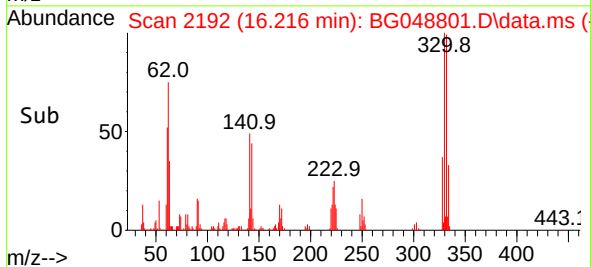
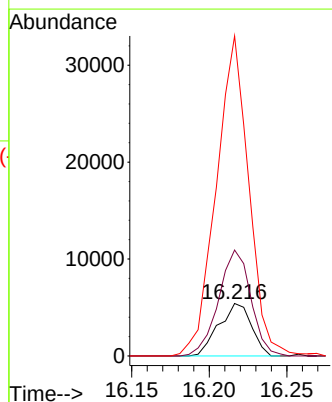
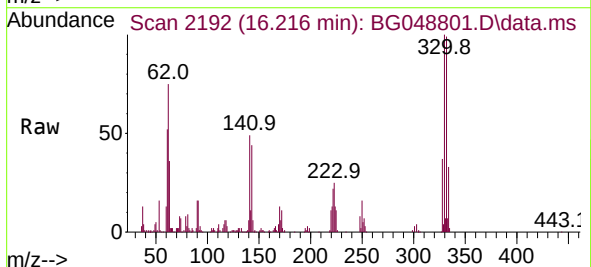
Instrument :
BNA_G
ClientSampled :
PZ-02

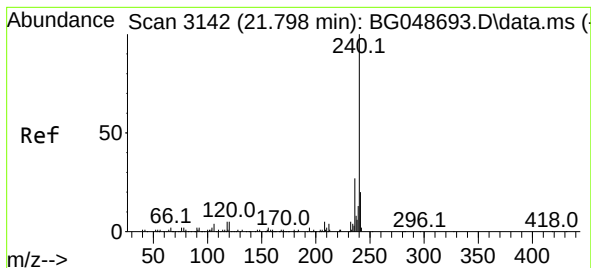
Tgt Ion:188 Resp: 133455
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 7.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.15 ng
RT: 16.216 min Scan# 2192
Delta R.T. -0.447 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

Tgt Ion:248 Resp: 7906
Ion Ratio Lower Upper
248 100
250 159.3 76.1 114.1#
141 481.1 65.4 98.2#

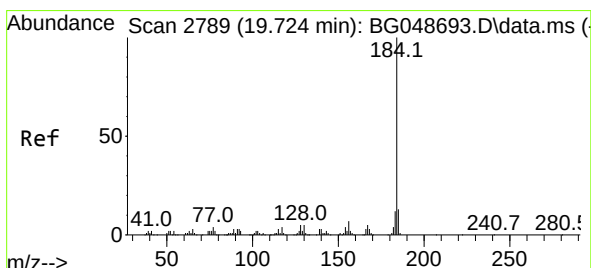
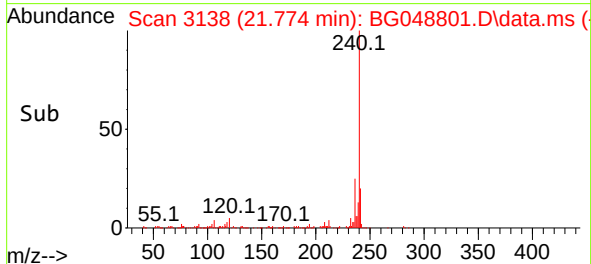
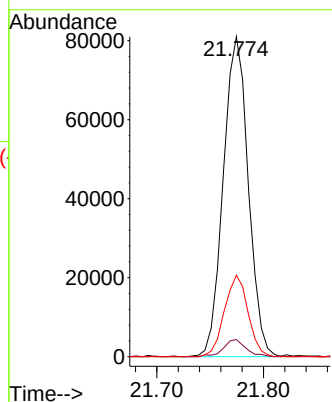
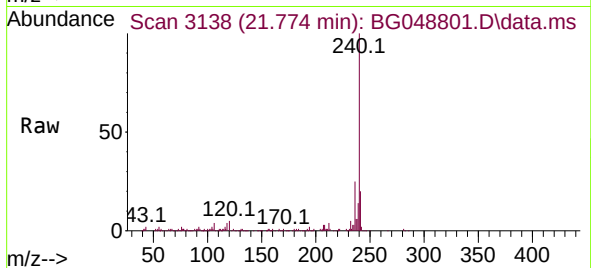




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.774 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

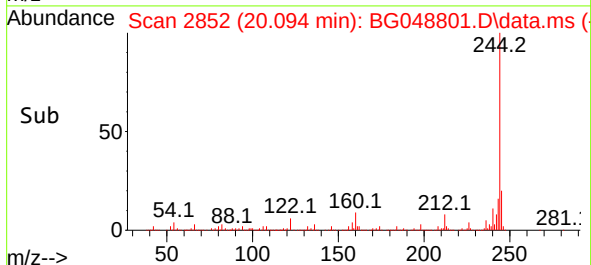
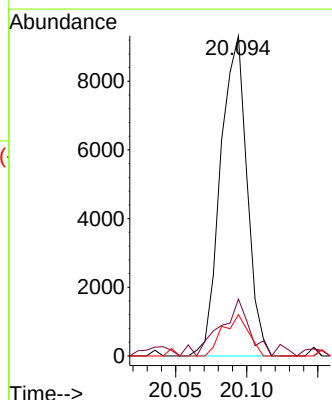
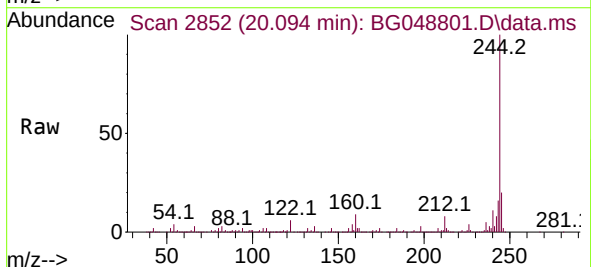
Instrument :
BNA_G
ClientSampled :
PZ-02

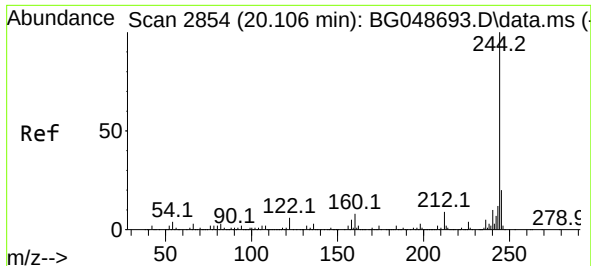
Tgt Ion:240 Resp: 131904
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 25.4 21.8 32.6



#77
Benzidine
Concen: 3.37 ng
RT: 20.094 min Scan# 2852
Delta R.T. 0.382 min
Lab File: BG048801.D
Acq: 20 Apr 2021 19:30

Tgt Ion:184 Resp: 12069
Ion Ratio Lower Upper
184 100
185 17.8 10.7 16.1#
183 12.9 9.4 14.0

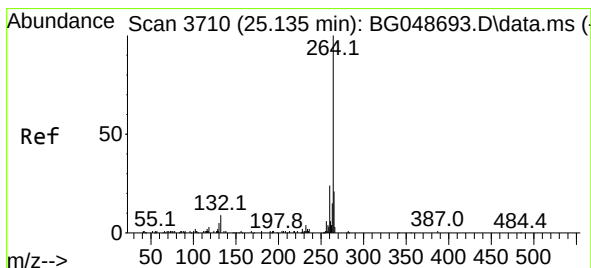
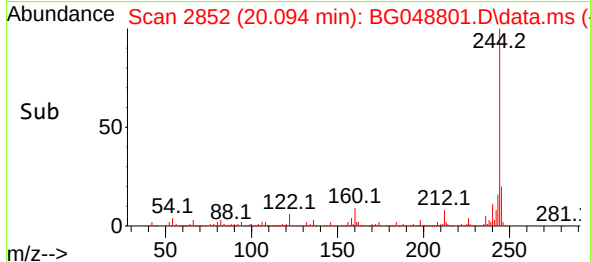
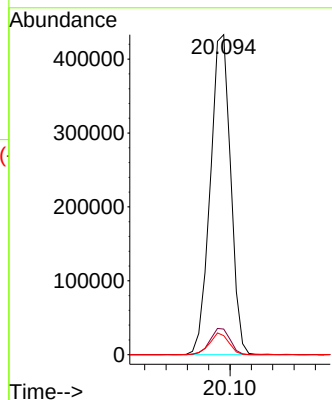
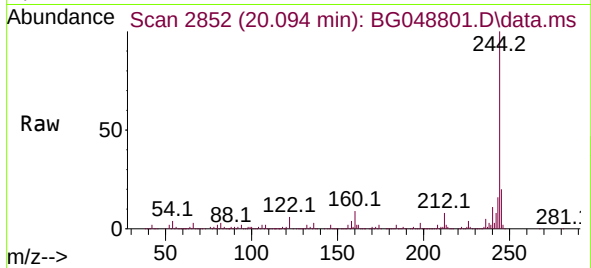




#79
 Terphenyl-d14
 Concen: 74.78 ng
 RT: 20.094 min Scan# 2852
 Delta R.T. -0.000 min
 Lab File: BG048801.D
 Acq: 20 Apr 2021 19:30

Instrument :
 BNA_G
 ClientSampleId :
 PZ-02

Tgt Ion:244 Resp: 573065
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 5.9 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.106 min Scan# 3705
 Delta R.T. -0.006 min
 Lab File: BG048801.D
 Acq: 20 Apr 2021 19:30

Tgt Ion:264 Resp: 131369
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.4 29.2
 265 20.3 16.9 25.3

