

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048729.D
 Acq On : 16 Apr 2021 18:05
 Operator : CG/JU
 Sample : M2041-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2A

Quant Time: Apr 17 04:19:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

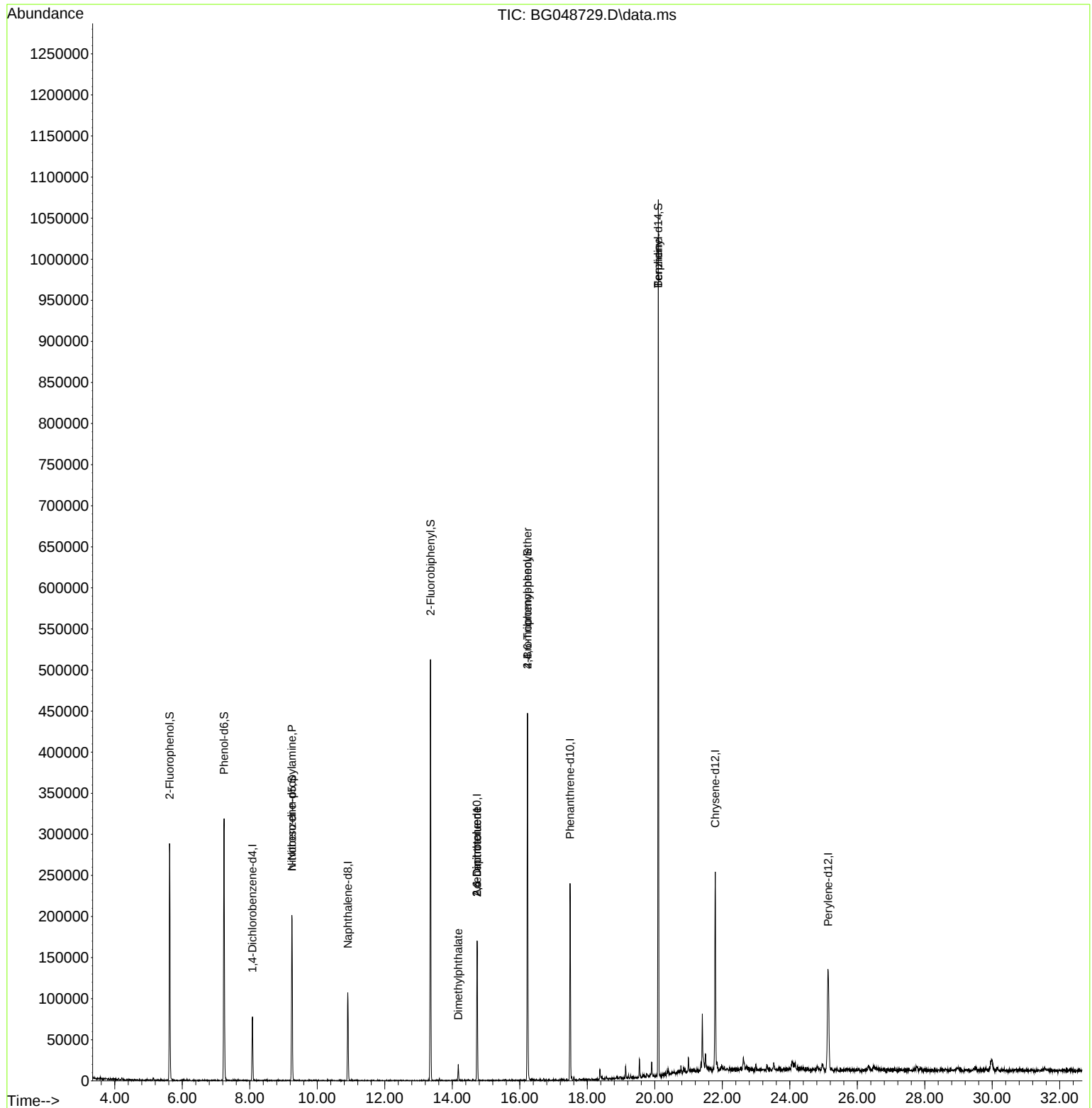
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	19305	20.00	ng	# 0.00
21) Naphthalene-d8	10.905	136	83609	20.00	ng	0.00
39) Acenaphthene-d10	14.736	164	56800	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	144691	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	143006	20.00	ng	0.00
86) Perylene-d12	25.136	264	138620	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.623	112	111701	96.77	ng	0.00
7) Phenol-d6	7.239	99	151979	93.09	ng	0.00
23) Nitrobenzene-d5	9.248	82	118112	63.25	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	73971	97.13	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	244780	62.23	ng	0.00
79) Terphenyl-d14	20.106	244	460735	55.45	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	18754	17.03	ng	# 69
50) Dimethylphthalate	14.178	163	10632	2.50	ng	# 95
51) 2,6-Dinitrotoluene	14.736	165	8088	8.23	ng	# 10
57) 2,4-Dinitrotoluene	14.736	165	8088	5.67	ng	# 15
67) 4-Bromophenyl-phenylether	16.228	248	5262	3.16	ng	# 1
77) Benzidine	20.106	184	9345	2.41	ng	# 84

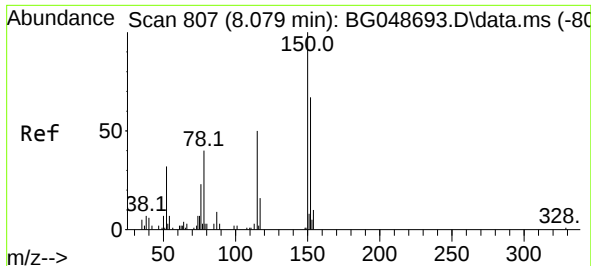
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

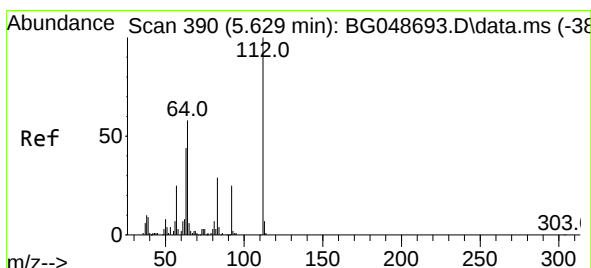
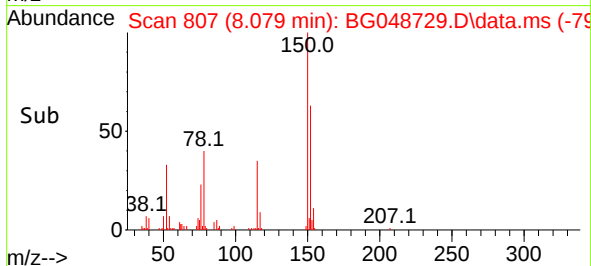
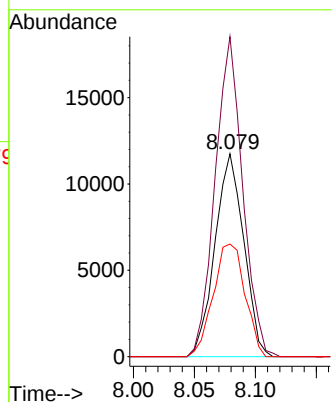
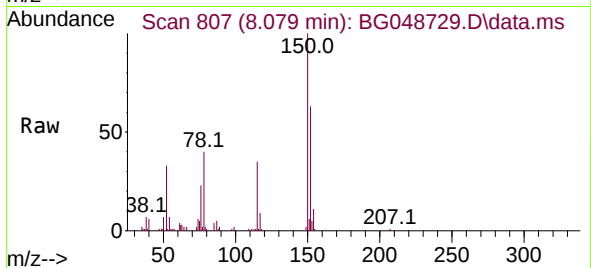




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

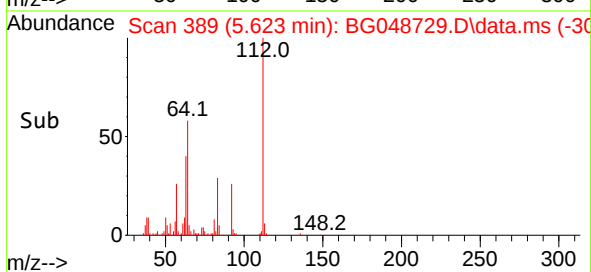
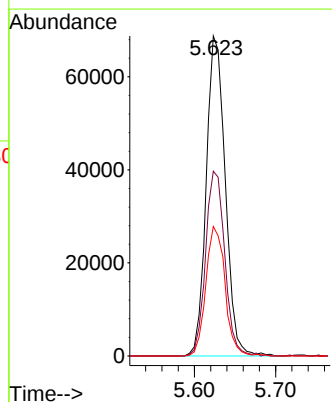
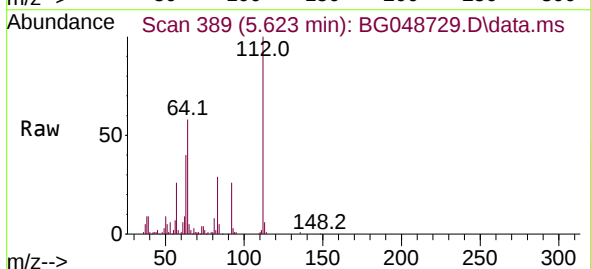
Instrument :
BNA_G
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S-2A

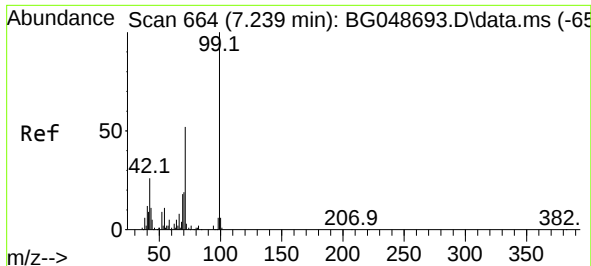
Tgt Ion:152 Resp: 19305
Ion Ratio Lower Upper
152 100
150 157.7 119.4 179.0
115 55.6 60.2 90.4#



#5
2-Fluorophenol
Concen: 96.77 ng
RT: 5.623 min Scan# 389
Delta R.T. -0.007 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

Tgt Ion:112 Resp: 111701
Ion Ratio Lower Upper
112 100
64 57.7 46.7 70.1
63 40.4 35.3 52.9

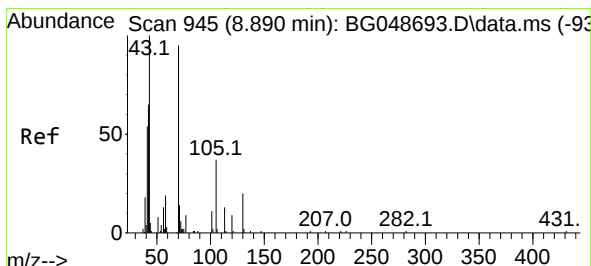
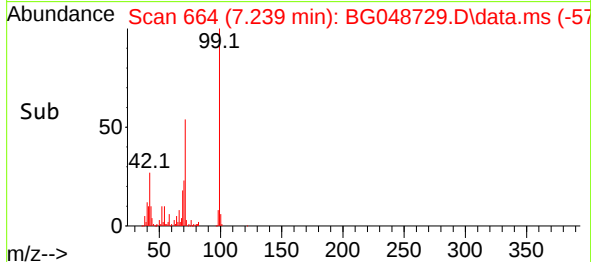
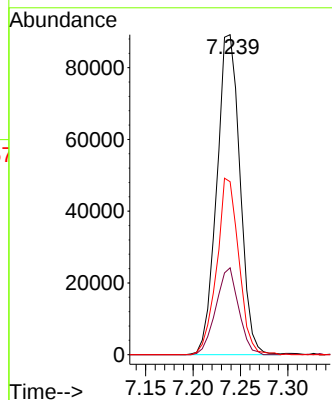
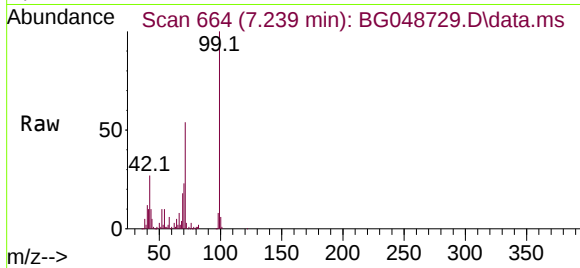




#7
Phenol-d6
Concen: 93.09 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

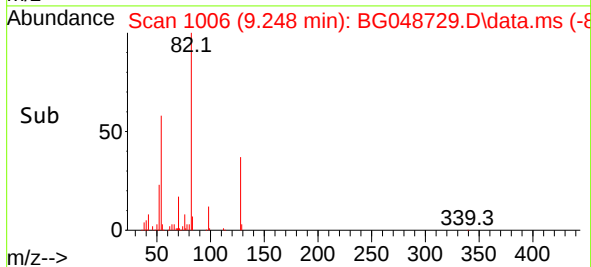
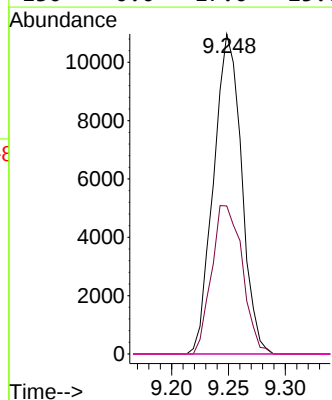
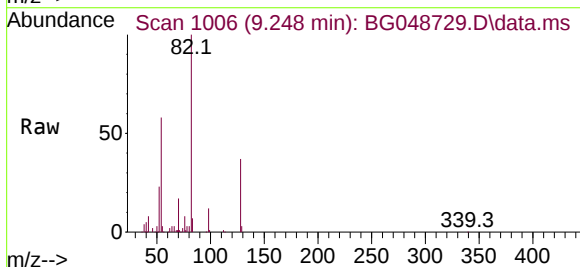
Instrument :
BNA_G
ClientSampleId :
S-2A

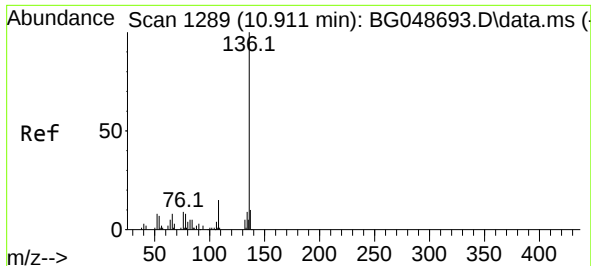
Tgt Ion: 99 Resp: 151979
Ion Ratio Lower Upper
99 100
42 27.2 20.5 30.7
71 54.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.03 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.358 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

Tgt Ion: 70 Resp: 18754
Ion Ratio Lower Upper
70 100
42 46.3 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

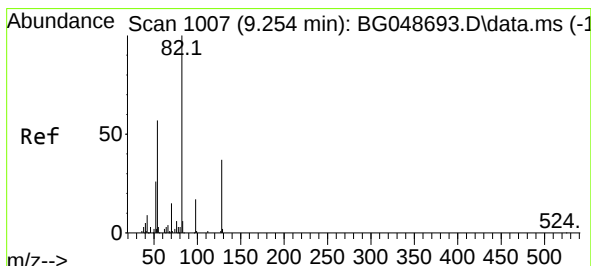
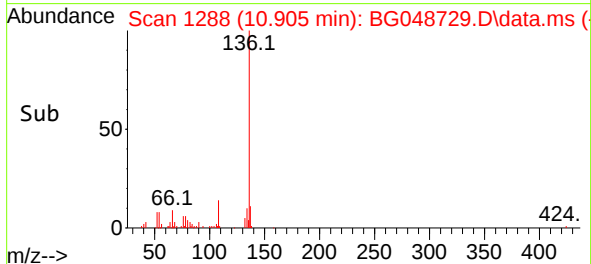
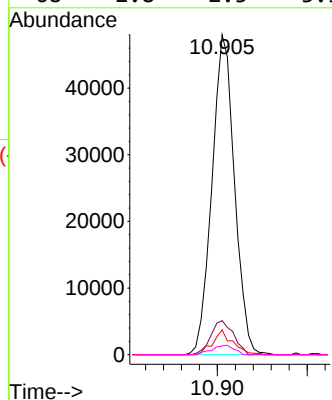
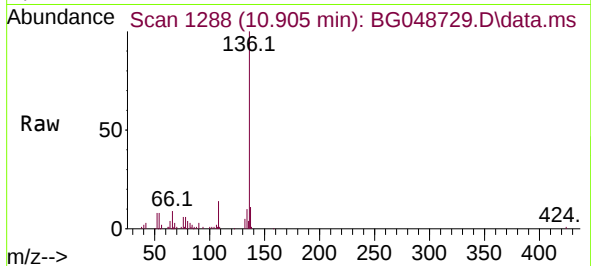




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

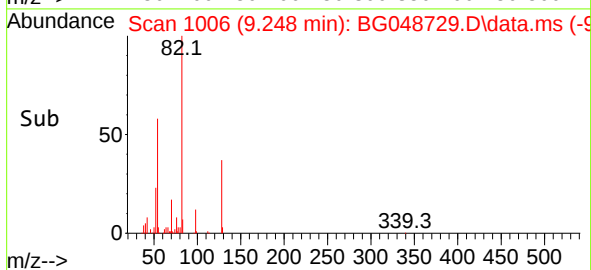
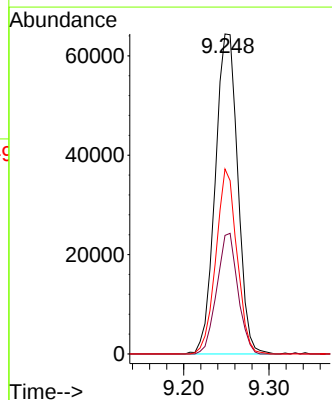
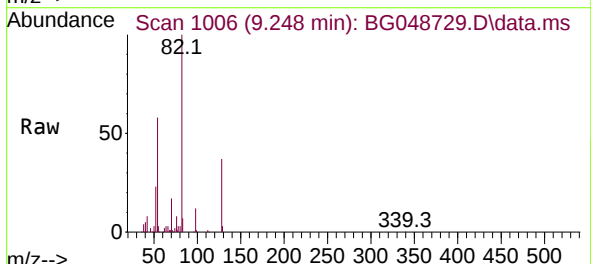
Instrument :
BNA_G
ClientSampleId :
S-2A

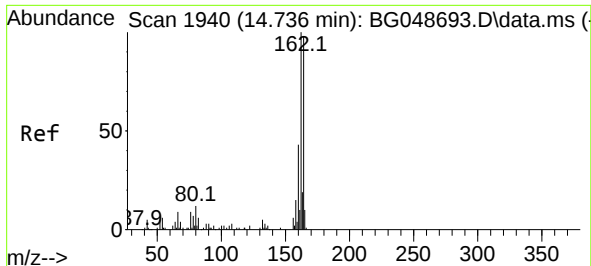
Tgt Ion:	136	Resp:	83609
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.2	12.2
54	7.7	5.5	8.3
68	2.8	2.3	3.5



#23
Nitrobenzene-d5
Concen: 63.25 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

Tgt Ion:	82	Resp:	118112
Ion Ratio	Lower	Upper	
82	100		
128	37.0	29.8	44.6
54	57.8	45.8	68.8

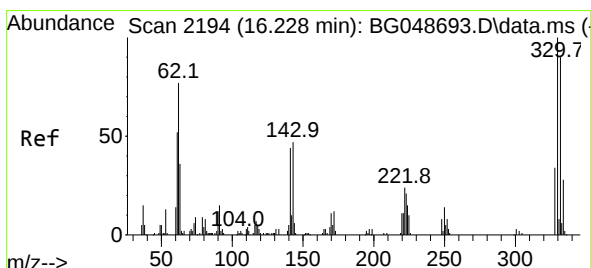
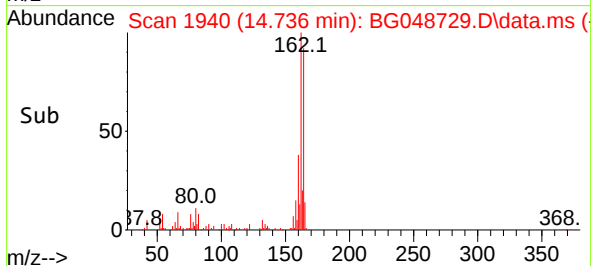
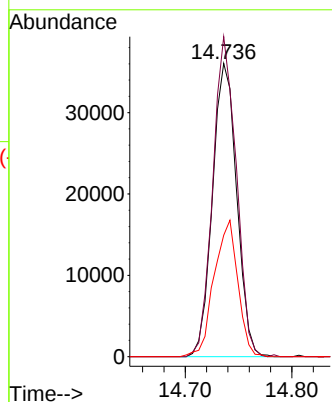
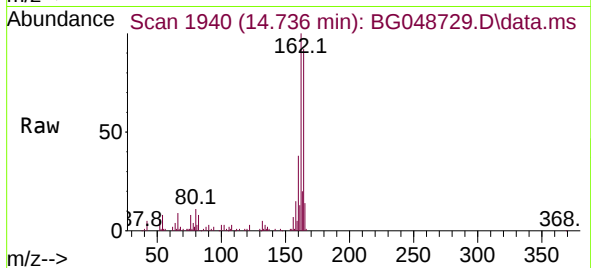




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

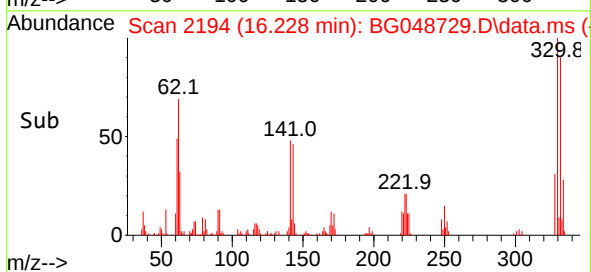
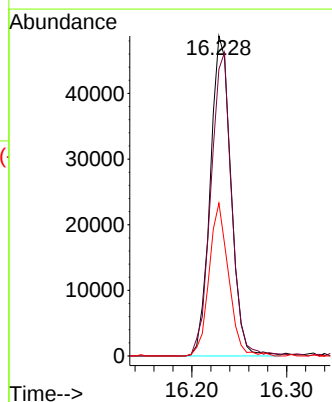
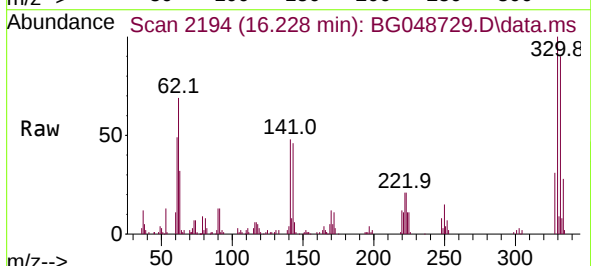
Instrument :
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ClientSampleId :
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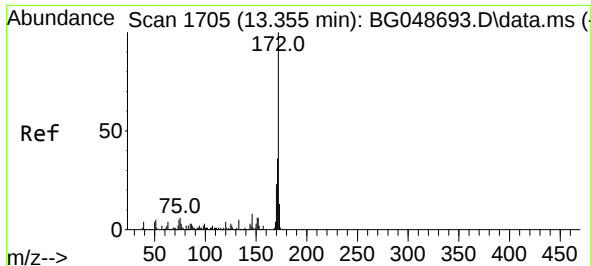
Tgt Ion:164 Resp: 56800
Ion Ratio Lower Upper
164 100
162 109.1 81.4 122.0
160 41.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 97.13 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

Tgt Ion:330 Resp: 73971
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 44.9 35.6 53.4

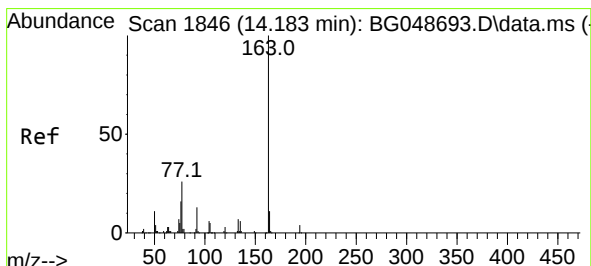
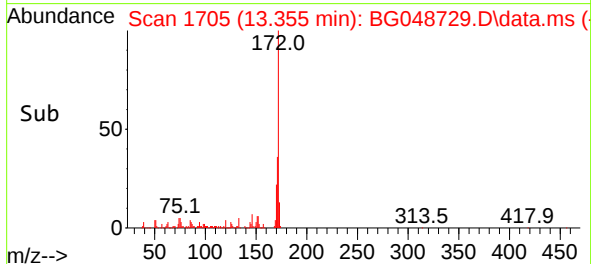
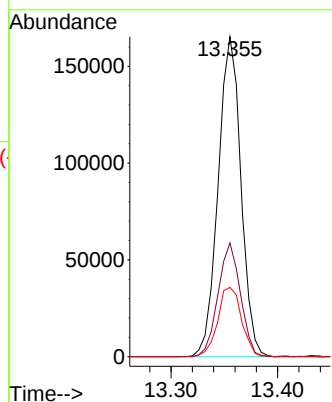
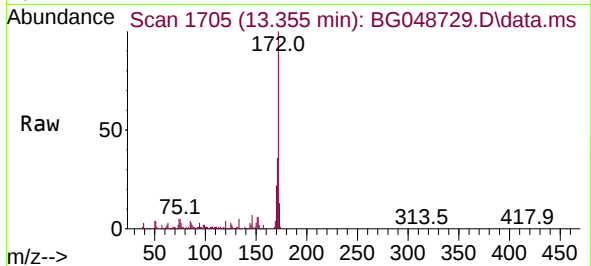




#45
2-Fluorobiphenyl
Concen: 62.23 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

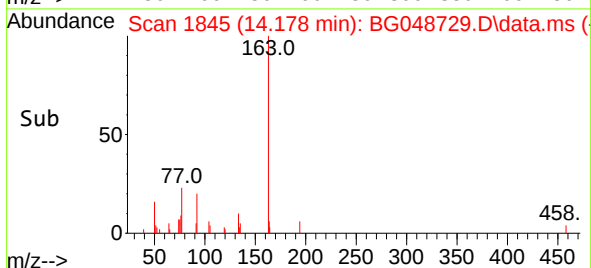
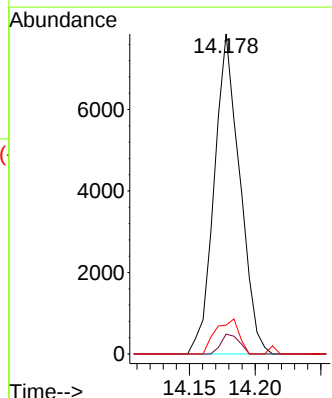
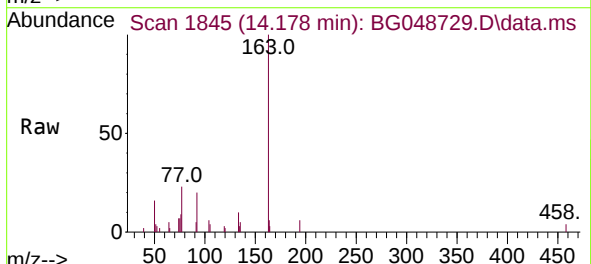
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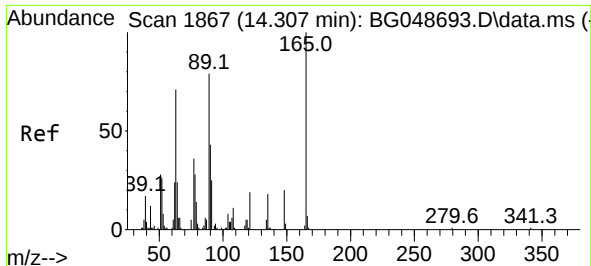
Tgt Ion:172 Resp: 244780
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 21.7 18.6 27.8



#50
Dimethylphthalate
Concen: 2.50 ng
RT: 14.178 min Scan# 1845
Delta R.T. -0.007 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

Tgt Ion:163 Resp: 10632
Ion Ratio Lower Upper
163 100
194 6.2 3.0 4.6#
164 9.0 8.6 12.8

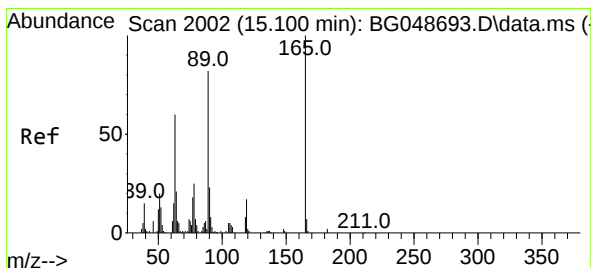
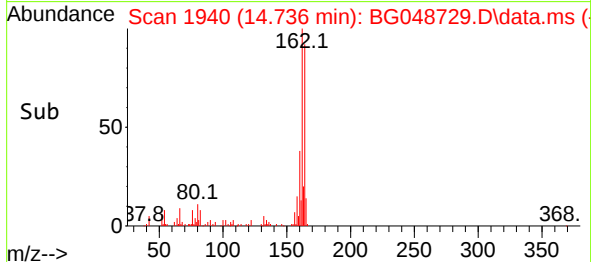
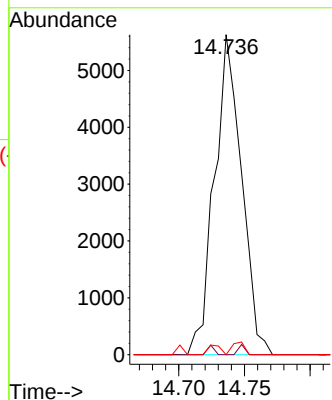
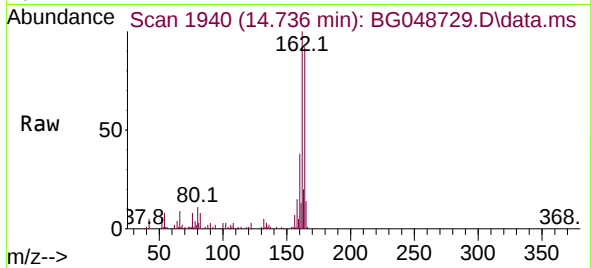




#51
2,6-Dinitrotoluene
Concen: 8.23 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.422 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

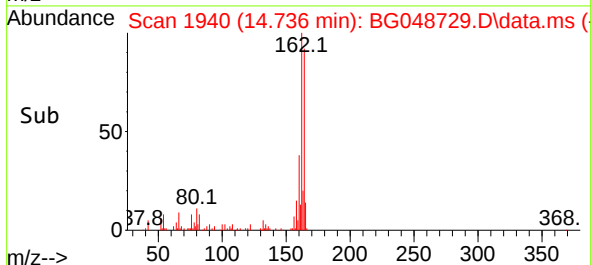
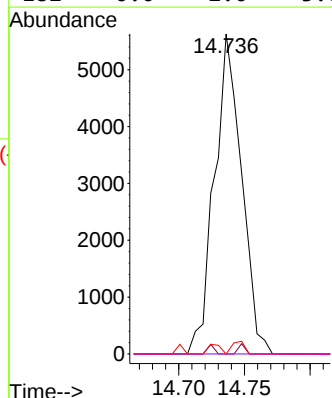
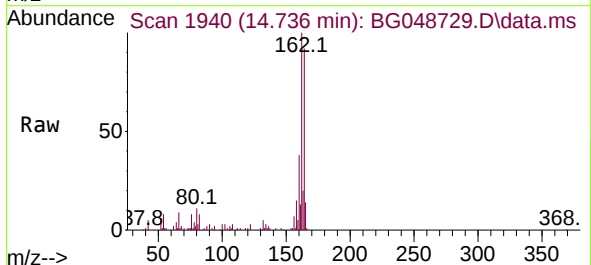
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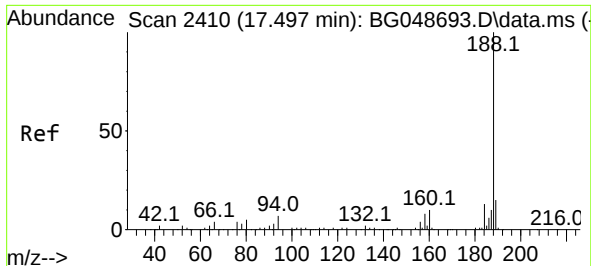
Tgt Ion:165 Resp: 8088
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

Tgt Ion:165 Resp: 8088
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#

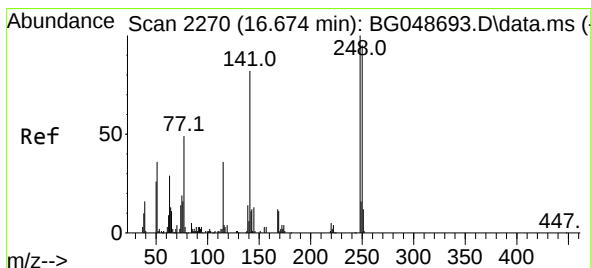
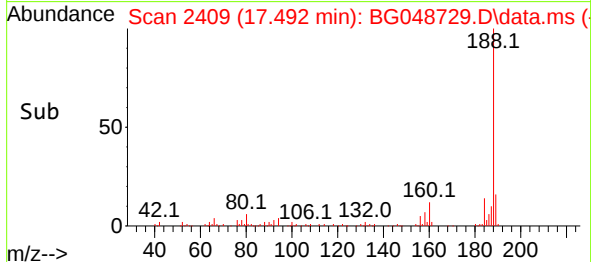
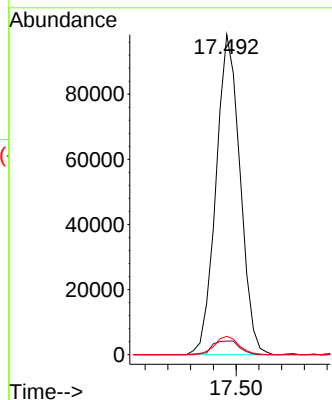
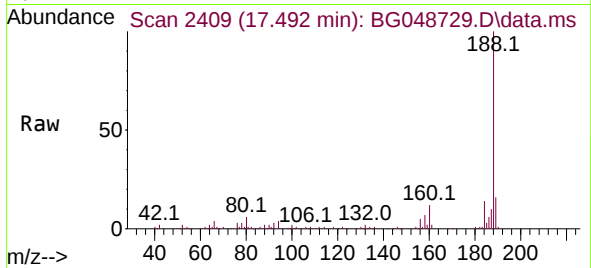




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

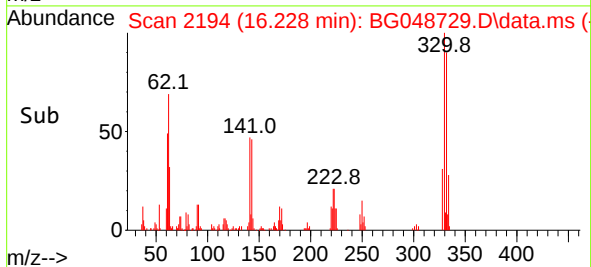
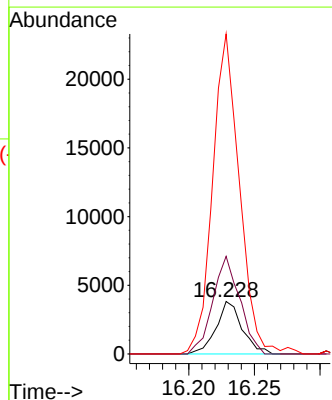
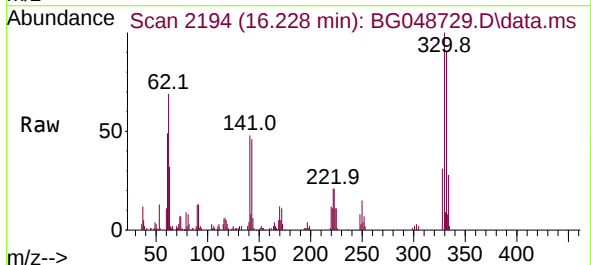
Instrument :
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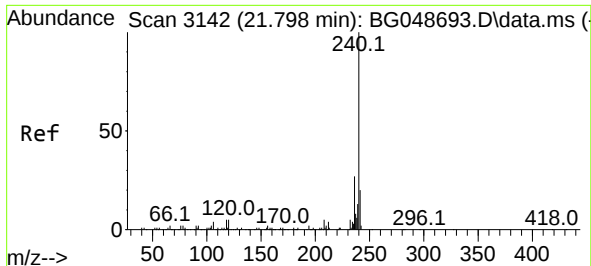
Tgt Ion:188 Resp: 144691
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 5.7 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.16 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.447 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

Tgt Ion:248 Resp: 5262
Ion Ratio Lower Upper
248 100
250 237.7 76.1 114.1#
141 609.4 65.4 98.2#

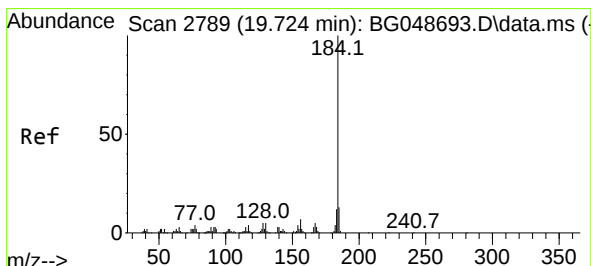
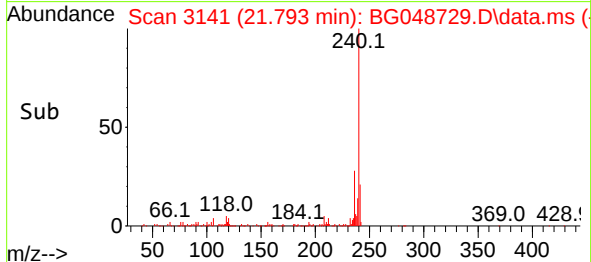
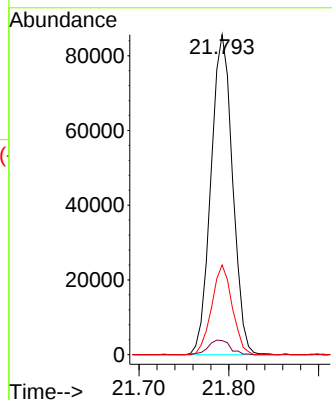
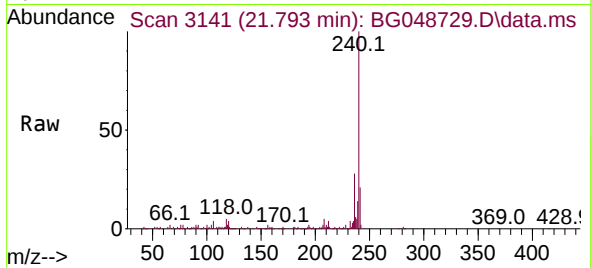




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

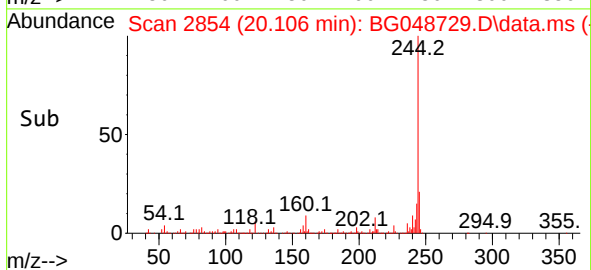
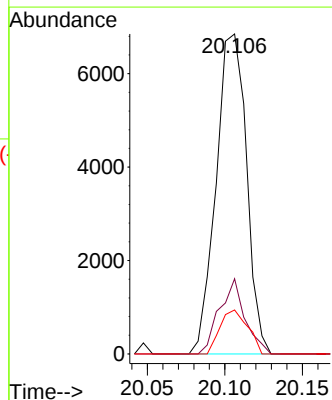
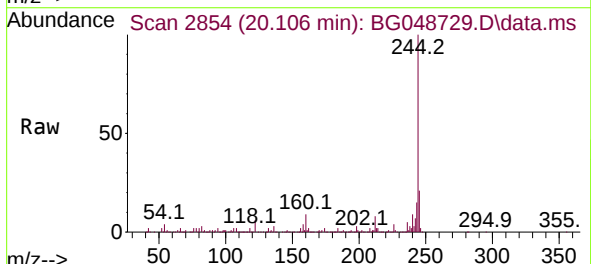
Instrument :
BNA_G
ClientSampleId :
S-2A

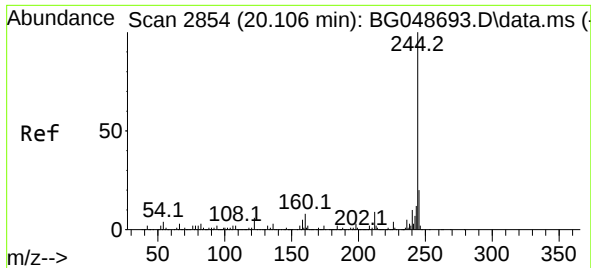
Tgt Ion:240 Resp: 143006
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 28.1 21.8 32.6



#77
Benzidine
Concen: 2.41 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.375 min
Lab File: BG048729.D
Acq: 16 Apr 2021 18:05

Tgt Ion:184 Resp: 9345
Ion Ratio Lower Upper
184 100
185 23.5 10.7 16.1#
183 13.8 9.4 14.0

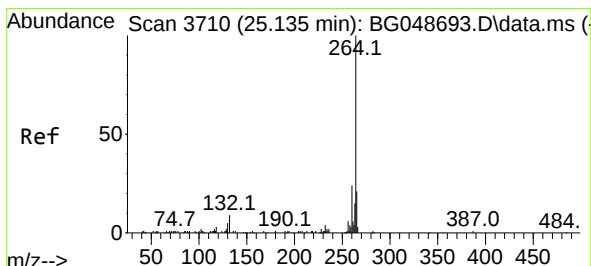
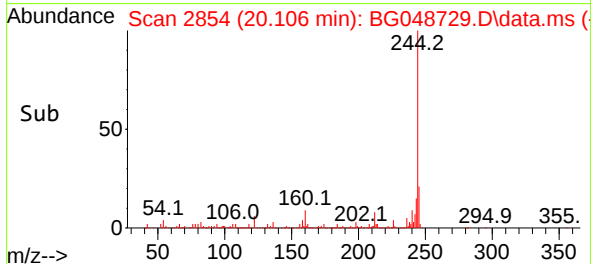
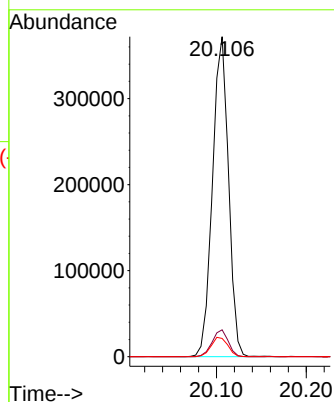
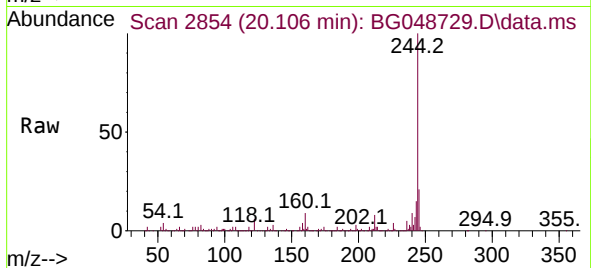




#79
 Terphenyl-d14
 Concen: 55.45 ng
 RT: 20.106 min Scan# 2854
 Delta R.T. -0.001 min
 Lab File: BG048729.D
 Acq: 16 Apr 2021 18:05

Instrument :
 BNA_G
 ClientSampled :
 S-2A

Tgt Ion:244	Resp:	460735
Ion Ratio	Lower	Upper
244	100	
212	8.4	6.9 10.3
122	5.7	5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.136 min Scan# 3710
 Delta R.T. -0.007 min
 Lab File: BG048729.D
 Acq: 16 Apr 2021 18:05

Tgt Ion:264	Resp:	138620
Ion Ratio	Lower	Upper
264	100	
260	22.3	19.4 29.2
265	18.8	16.9 25.3

