

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
 Data File : BG046807.D
 Acq On : 7 Oct 2020 18:25
 Operator : CG/JU
 Sample : L4260-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Oct 08 01:12:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

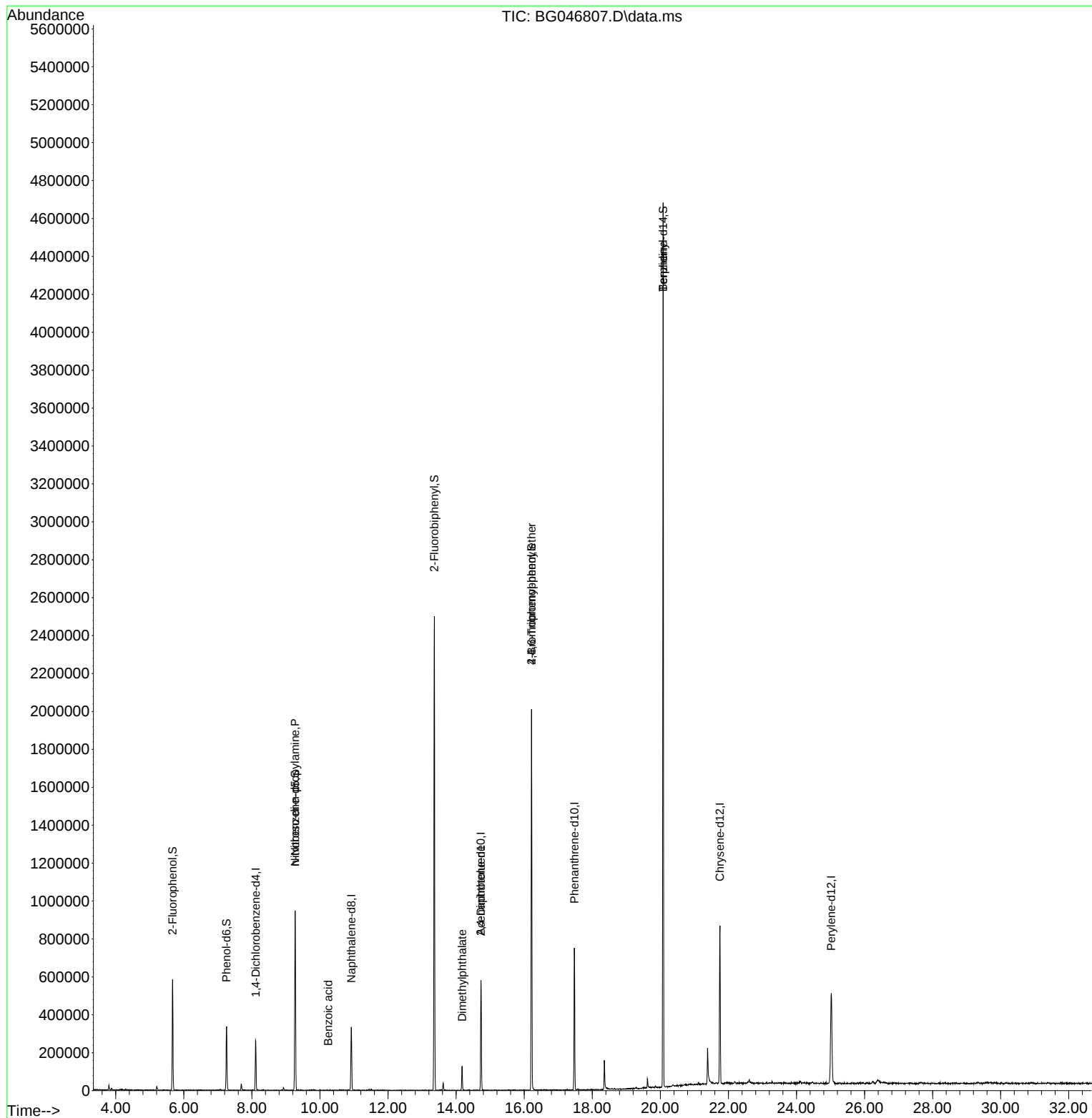
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	72338	20.00	ng	0.00
21) Naphthalene-d8	10.922	136	273631	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	199803	20.00	ng	0.00
64) Phenanthrene-d10	17.474	188	470281	20.00	ng	# 0.00
76) Chrysene-d12	21.751	240	525417	20.00	ng	# 0.00
86) Perylene-d12	25.018	264	536108	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	234574	51.95	ng	0.00
7) Phenol-d6	7.256	99	185399	29.11	ng	0.00
23) Nitrobenzene-d5	9.271	82	551148	107.16	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	385301	146.25	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	1265093	89.64	ng	0.00
79) Terphenyl-d14	20.082	244	2027139	77.32	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.250	77	799	Below Cal	#	18
19) n-Nitroso-di-n-propyla...	9.271	70	78830	18.05	ng	# 80
32) Benzoic acid	10.241	122	58	6.36	ng	# 1
50) Dimethylphthalate	14.177	163	84665	5.31	ng	# 99
57) 2,4-Dinitrotoluene	14.730	165	26121	7.61	ng	# 33
67) 4-Bromophenyl-phenylether	16.216	248	26801	4.51	ng	# 1
77) Benzidine	20.082	184	35668	2.20	ng	# 95

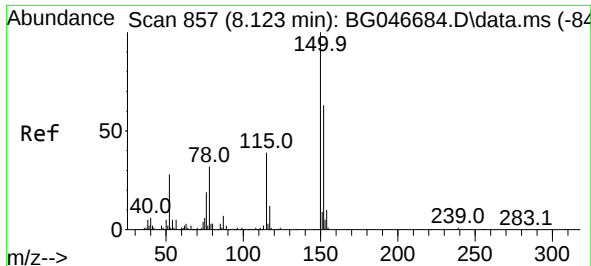
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 11:38:17 2020
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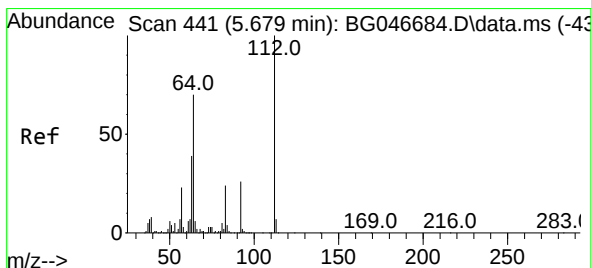
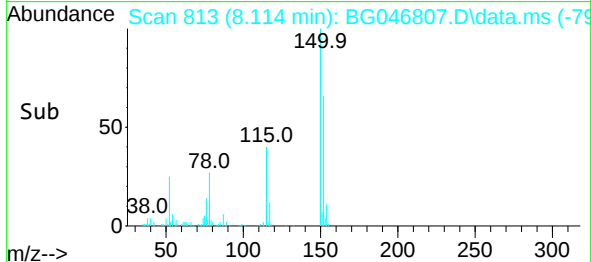
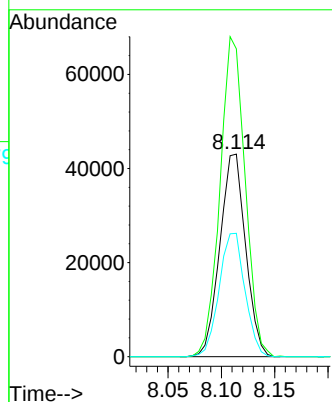
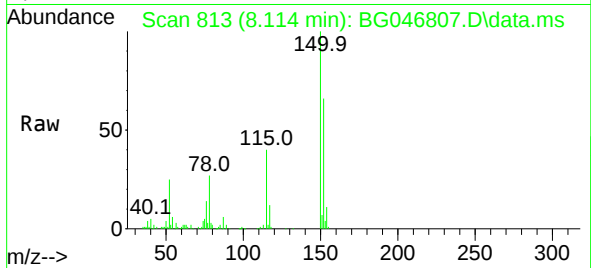




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.114 min Scan# 813
Delta R.T. 0.006 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

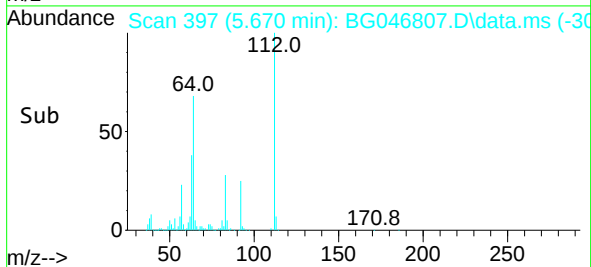
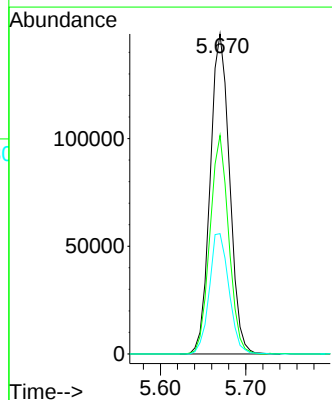
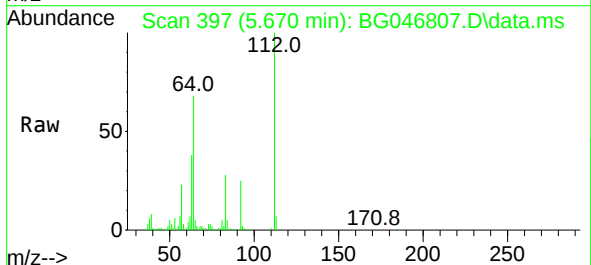
Instrument :
BNA_G
ClientSampleId :
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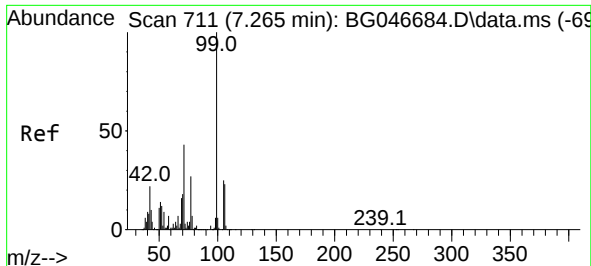
Tgt Ion:152 Resp: 72338
Ion Ratio Lower Upper
152 100
150 152.0 125.0 187.6
115 60.9 41.8 62.6



#5
2-Fluorophenol
Concen: 51.95 ng
RT: 5.670 min Scan# 397
Delta R.T. 0.000 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

Tgt Ion:112 Resp: 234574
Ion Ratio Lower Upper
112 100
64 68.3 46.7 70.1
63 37.6 22.8 34.2#

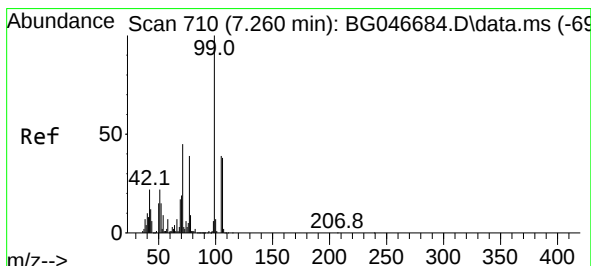
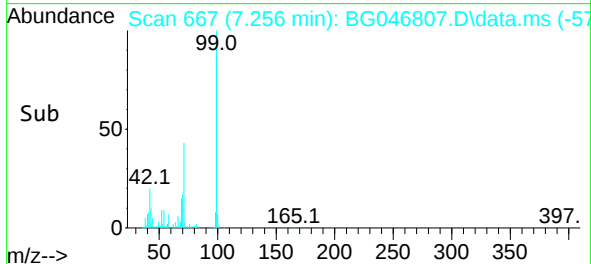
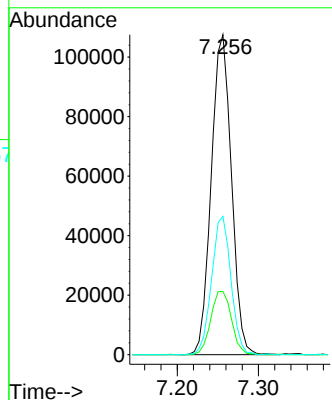
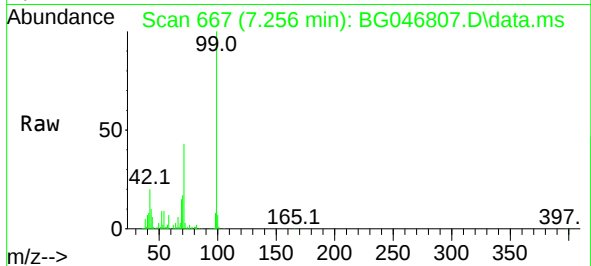




#7
Phenol-d6
Concen: 29.11 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.000 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

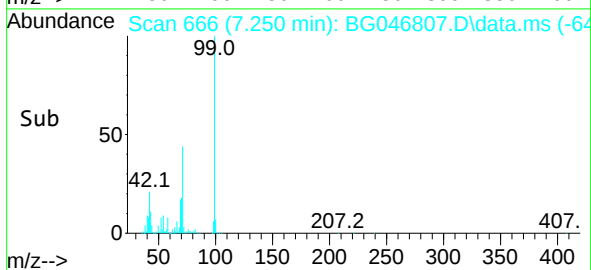
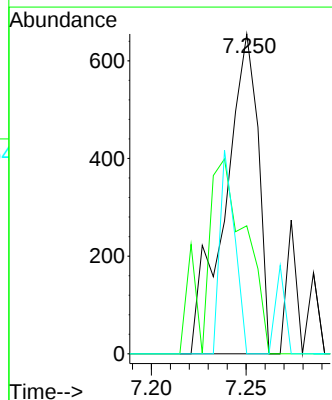
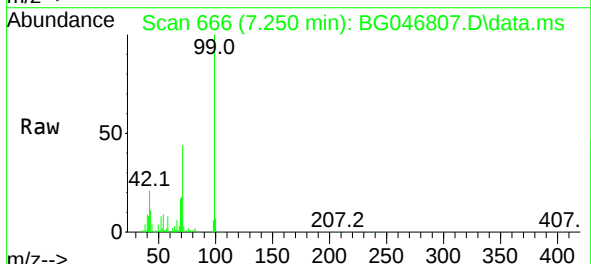
Instrument :
BNA_G
ClientSampled :
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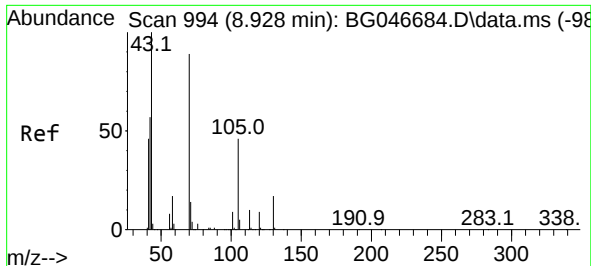
Tgt Ion: 99 Resp: 185399
Ion Ratio Lower Upper
99 100
42 19.8 12.8 19.2#
71 43.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.250 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

Tgt Ion: 77 Resp: 799
Ion Ratio Lower Upper
77 100
105 40.0 85.9 125.9#
106 0.0 80.9 120.9#

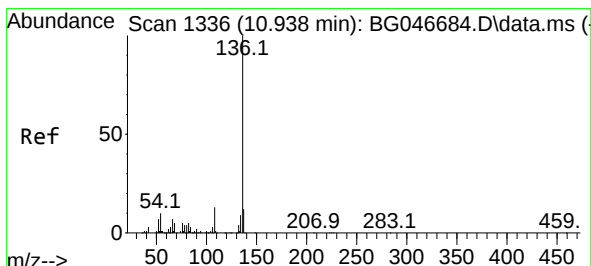
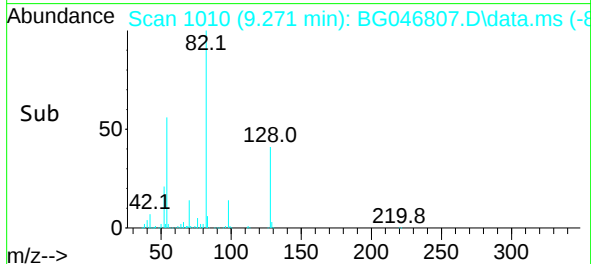
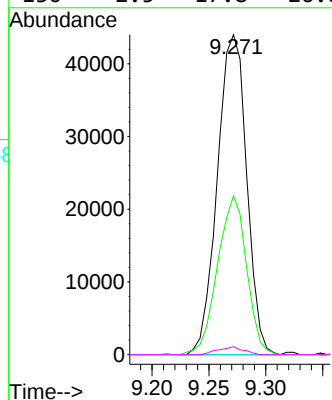
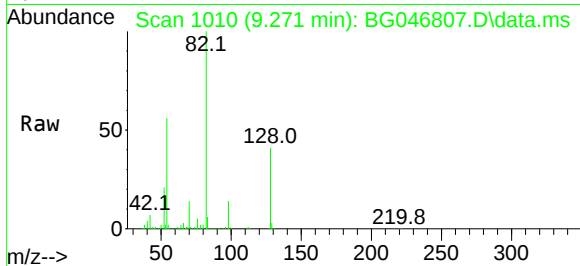




#19
n-Nitroso-di-n-propylamine
Concen: 18.05 ng
RT: 9.271 min Scan# 1010
Delta R.T. 0.359 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

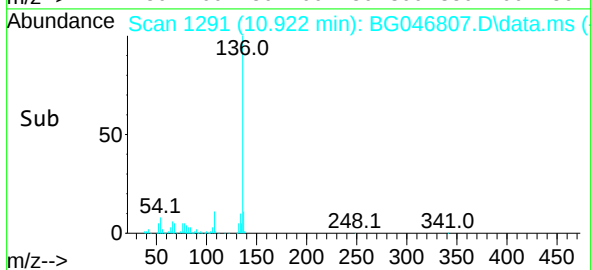
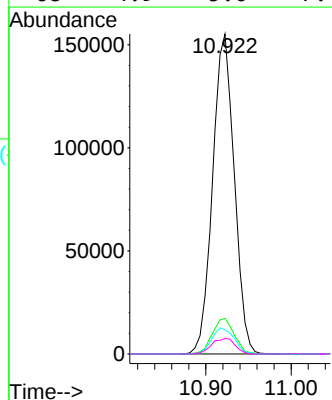
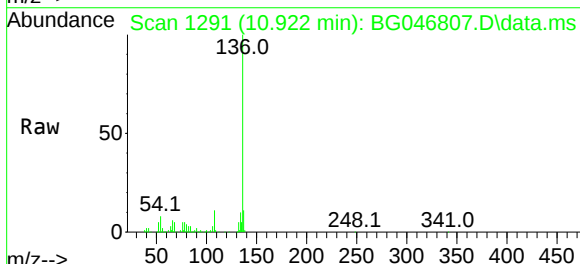
Instrument :
BNA_G
ClientSampleId :
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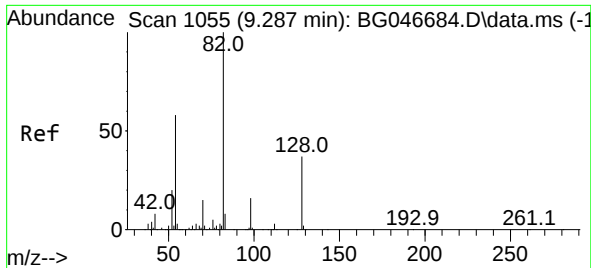
Tgt Ion:	70	Resp:	78830
Ion	Ratio	Lower	Upper
70	100		
42	49.6	45.6	68.4
101	0.0	8.4	12.6#
130	2.5	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

Tgt Ion:	136	Resp:	273631
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.5	6.2	9.4
68	4.9	5.0	7.4#

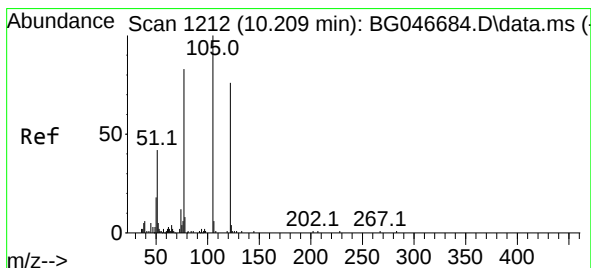
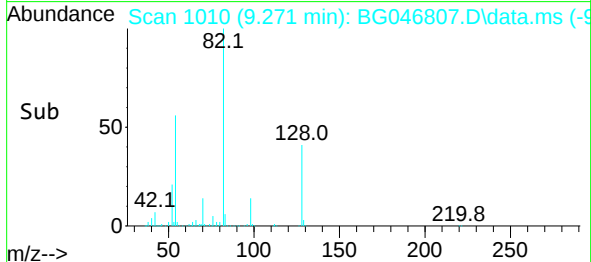
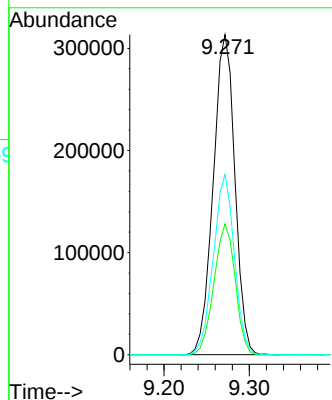
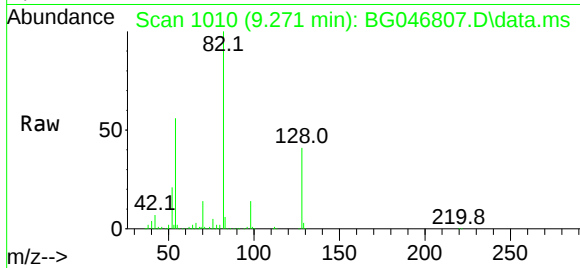




#23
Nitrobenzene-d5
Concen: 107.16 ng
RT: 9.271 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

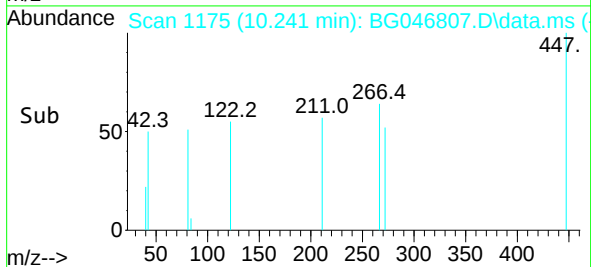
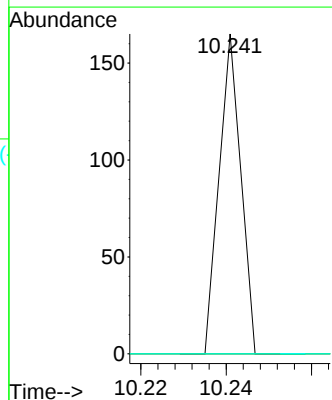
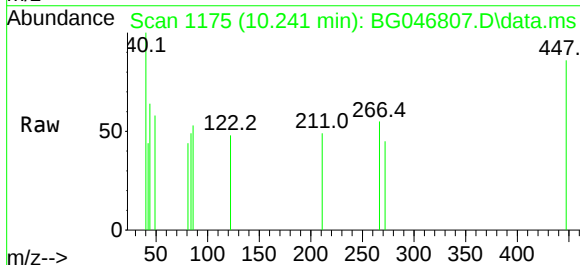
Instrument :
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ClientSampleId :
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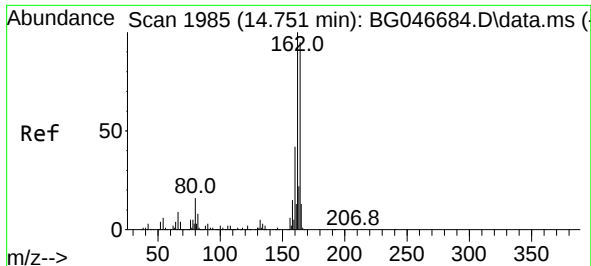
Tgt Ion: 82 Resp: 551148
Ion Ratio Lower Upper
82 100
128 40.9 37.0 55.6
54 56.4 39.0 58.4



#32
Benzoic acid
Concen: 6.36 ng
RT: 10.241 min Scan# 1175
Delta R.T. 0.047 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

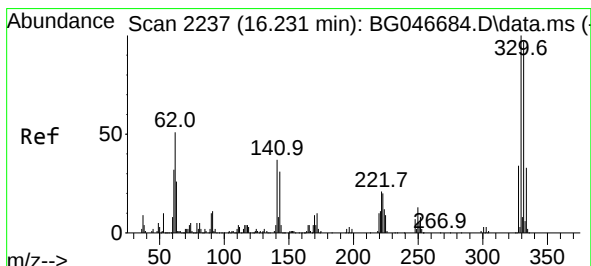
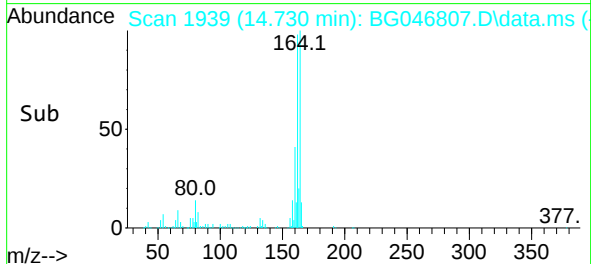
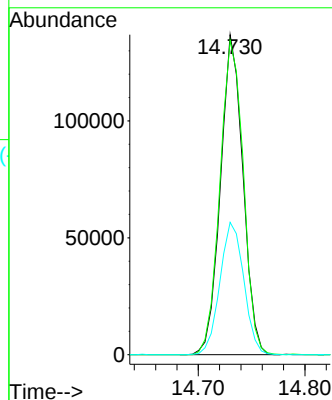
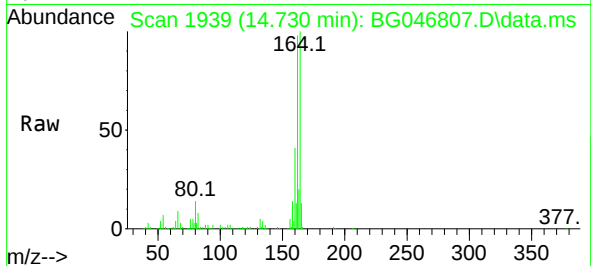




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

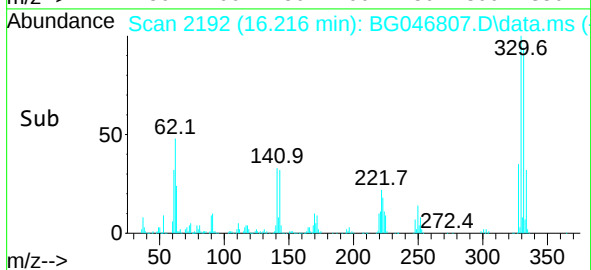
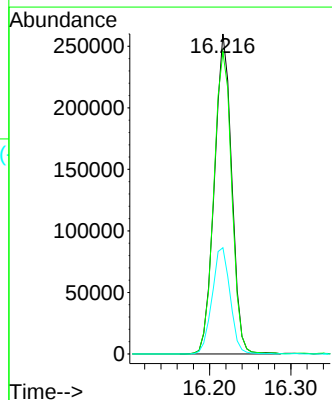
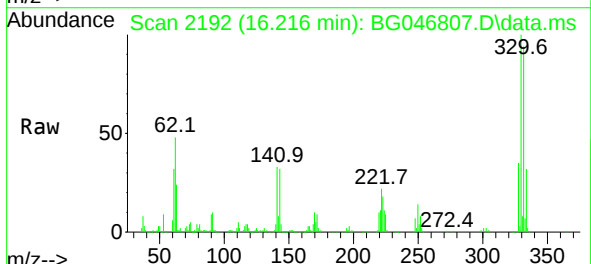
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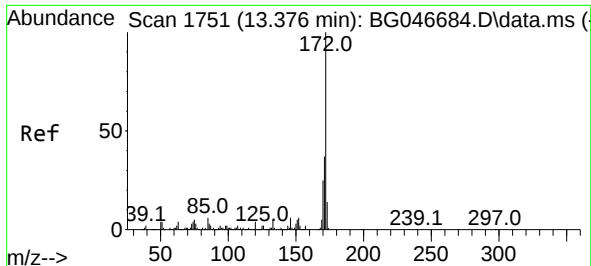
Tgt Ion:164 Resp: 199803
Ion Ratio Lower Upper
164 100
162 98.2 82.3 123.5
160 41.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 146.25 ng
RT: 16.216 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

Tgt Ion:330 Resp: 385301
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 34.4 26.0 39.0

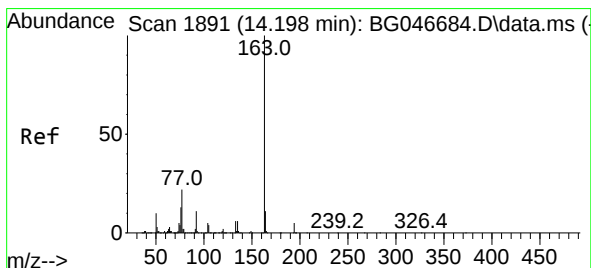
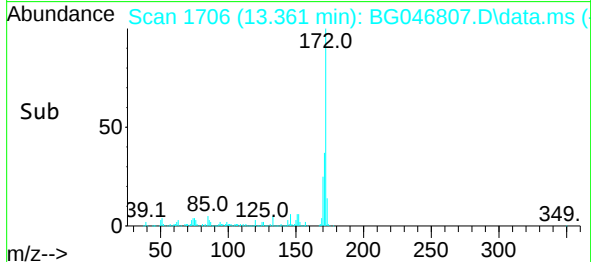
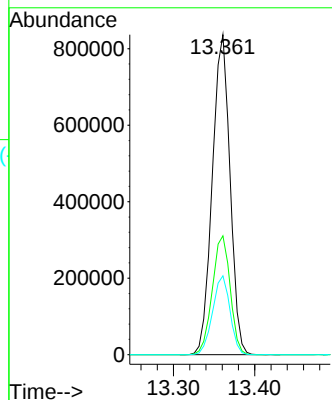
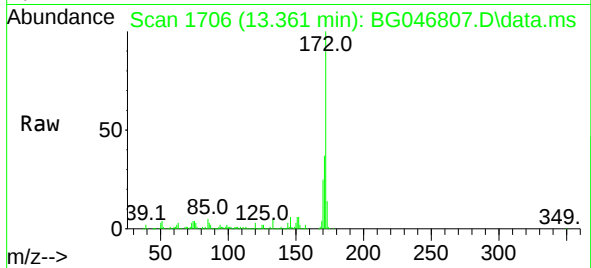




#45
2-Fluorobiphenyl
Concen: 89.64 ng
RT: 13.361 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

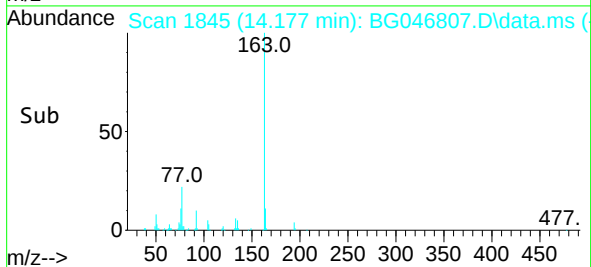
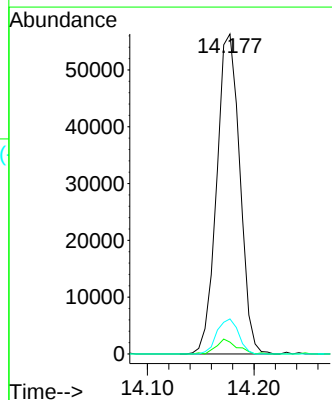
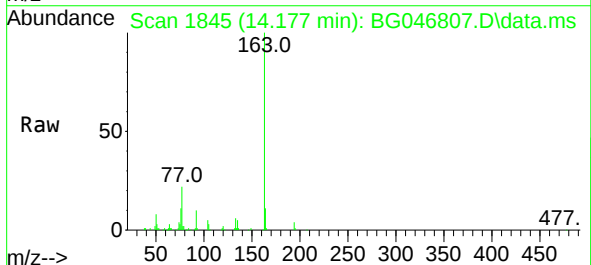
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ClientSampleId :
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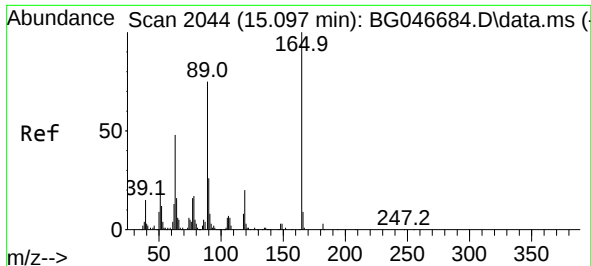
Tgt Ion:172 Resp: 1265093
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 24.7 20.8 31.2



#50
Dimethylphthalate
Concen: 5.31 ng
RT: 14.177 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

Tgt Ion:163 Resp: 84665
Ion Ratio Lower Upper
163 100
194 3.7 3.8 5.8#
164 10.9 8.8 13.2

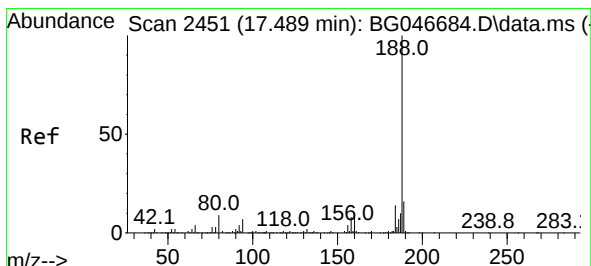
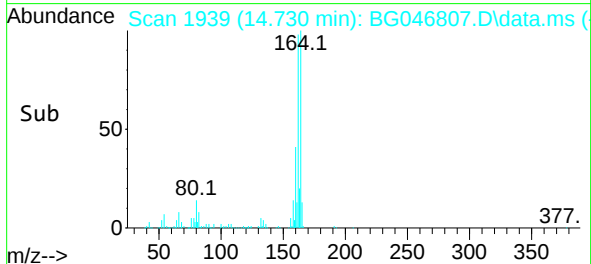
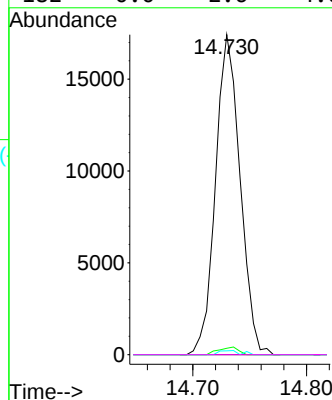
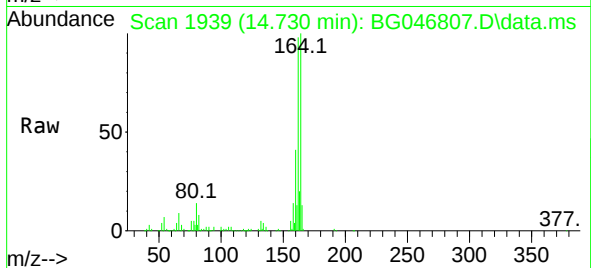




#57
2,4-Dinitrotoluene
Concen: 7.61 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.352 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

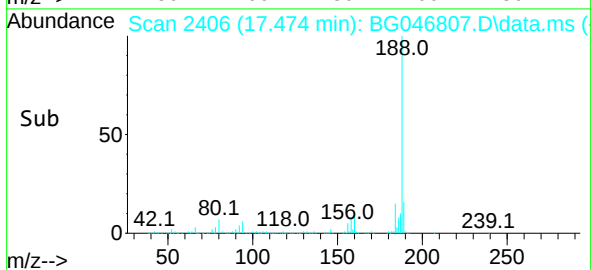
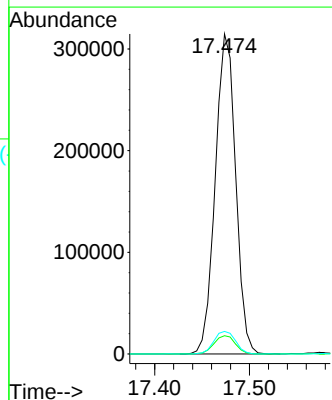
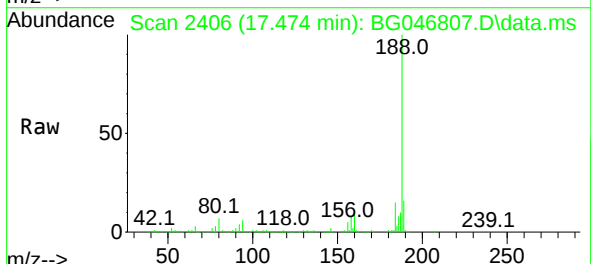
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ClientSampled :
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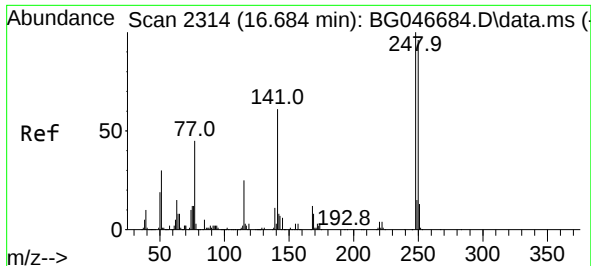
Tgt Ion:	165	Resp:	26121
Ion Ratio	Lower	Upper	
165	100		
63	2.0	26.4	39.6#
89	1.2	47.8	71.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

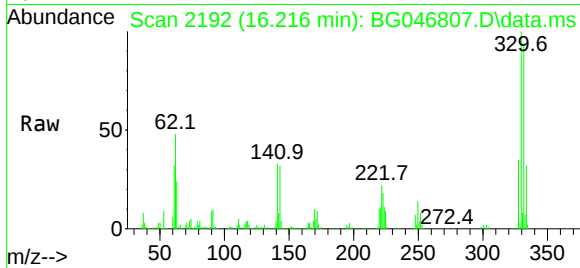
Tgt Ion:	188	Resp:	470281
Ion Ratio	Lower	Upper	
188	100		
94	5.7	6.3	9.5#
80	7.1	7.0	10.6



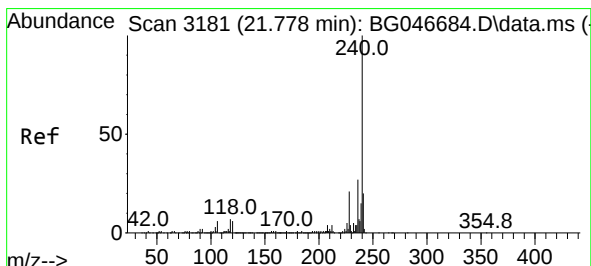
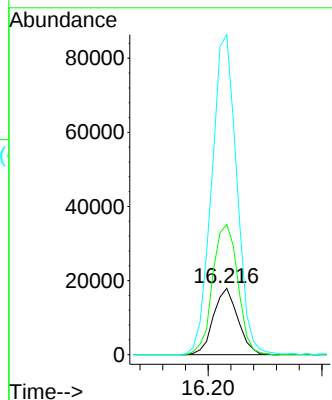
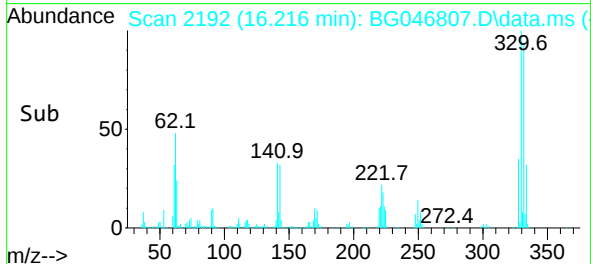


#67
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 16.216 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

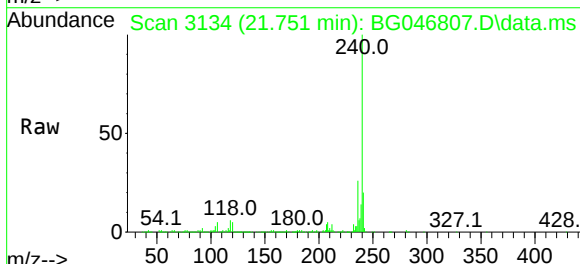
Instrument :
BNA_G
ClientSampled :
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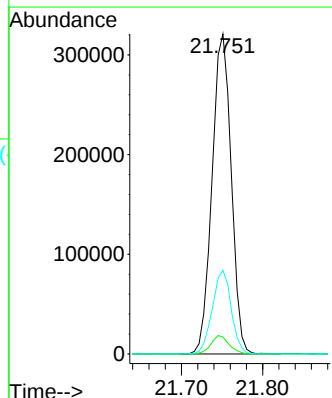
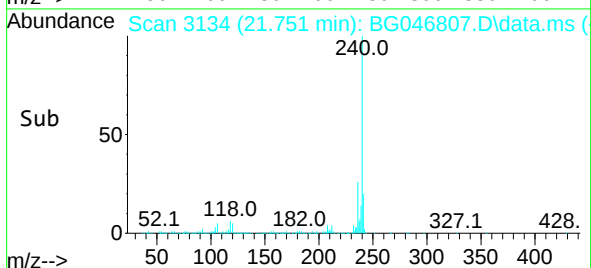
Tgt Ion:248 Resp: 26801
Ion Ratio Lower Upper
248 100
250 194.0 78.9 118.3#
141 369.3 46.2 69.4#

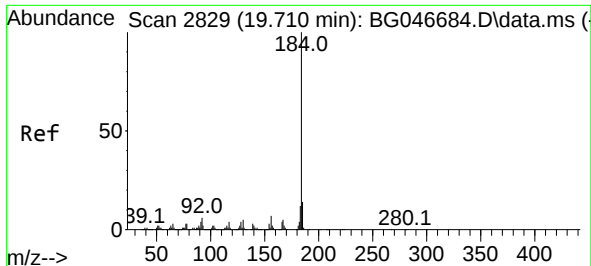


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.751 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25



Tgt Ion:240 Resp: 525417
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 26.1 20.5 30.7

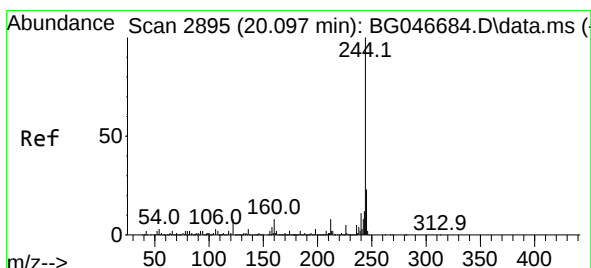
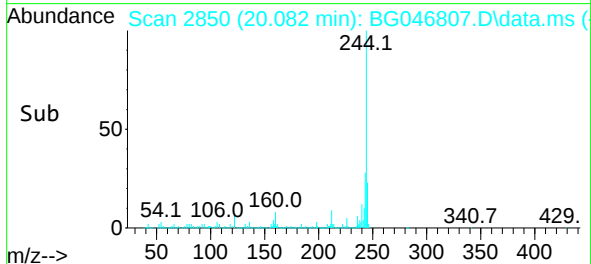
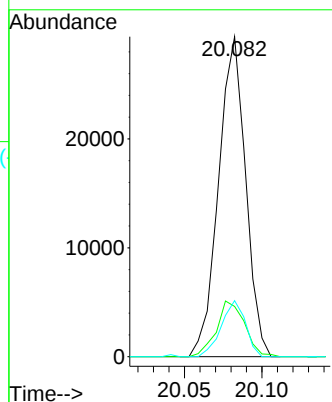
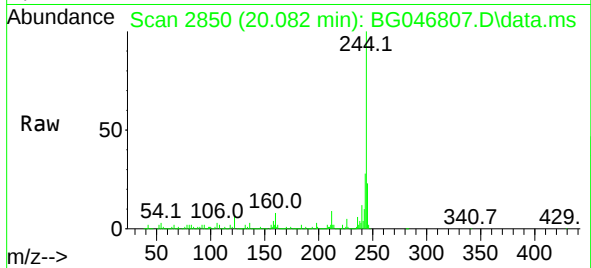




#77
Benzidine
Concen: 2.20 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.382 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

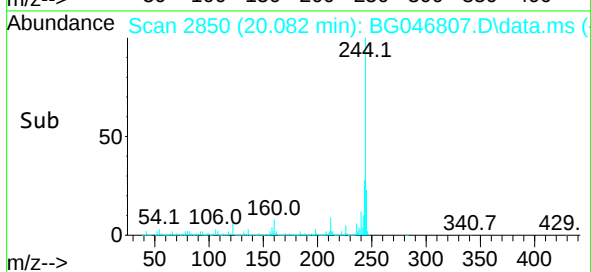
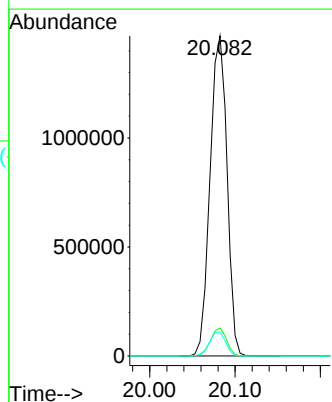
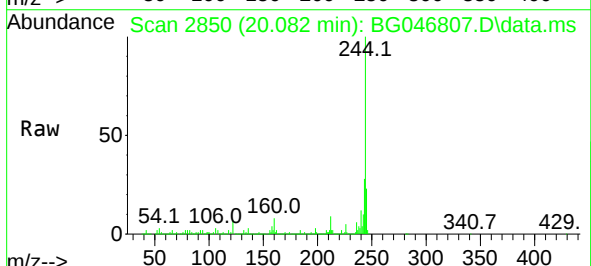
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

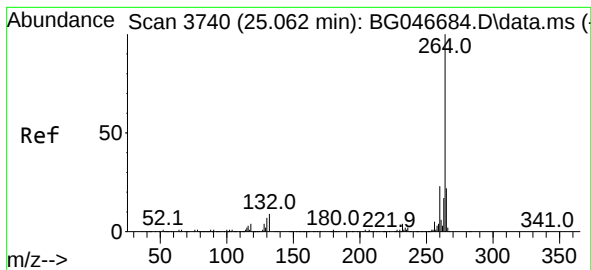
Tgt Ion:184 Resp: 35668
Ion Ratio Lower Upper
184 100
185 15.7 12.4 18.6
183 17.5 10.6 15.8#



#79
Terphenyl-d14
Concen: 77.32 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BG046807.D
Acq: 7 Oct 2020 18:25

Tgt Ion:244 Resp: 2027139
Ion Ratio Lower Upper
244 100
212 8.7 6.7 10.1
122 7.4 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.018 min Scan# 3690
 Delta R.T. -0.011 min
 Lab File: BG046807.D
 Acq: 7 Oct 2020 18:25

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:264 Resp: 536108
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 22.6 17.8 26.8

