

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048447.D
 Acq On : 22 Mar 2021 16:26
 Operator : CG/JU
 Sample : M1718-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-04

Quant Time: Mar 22 17:11:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

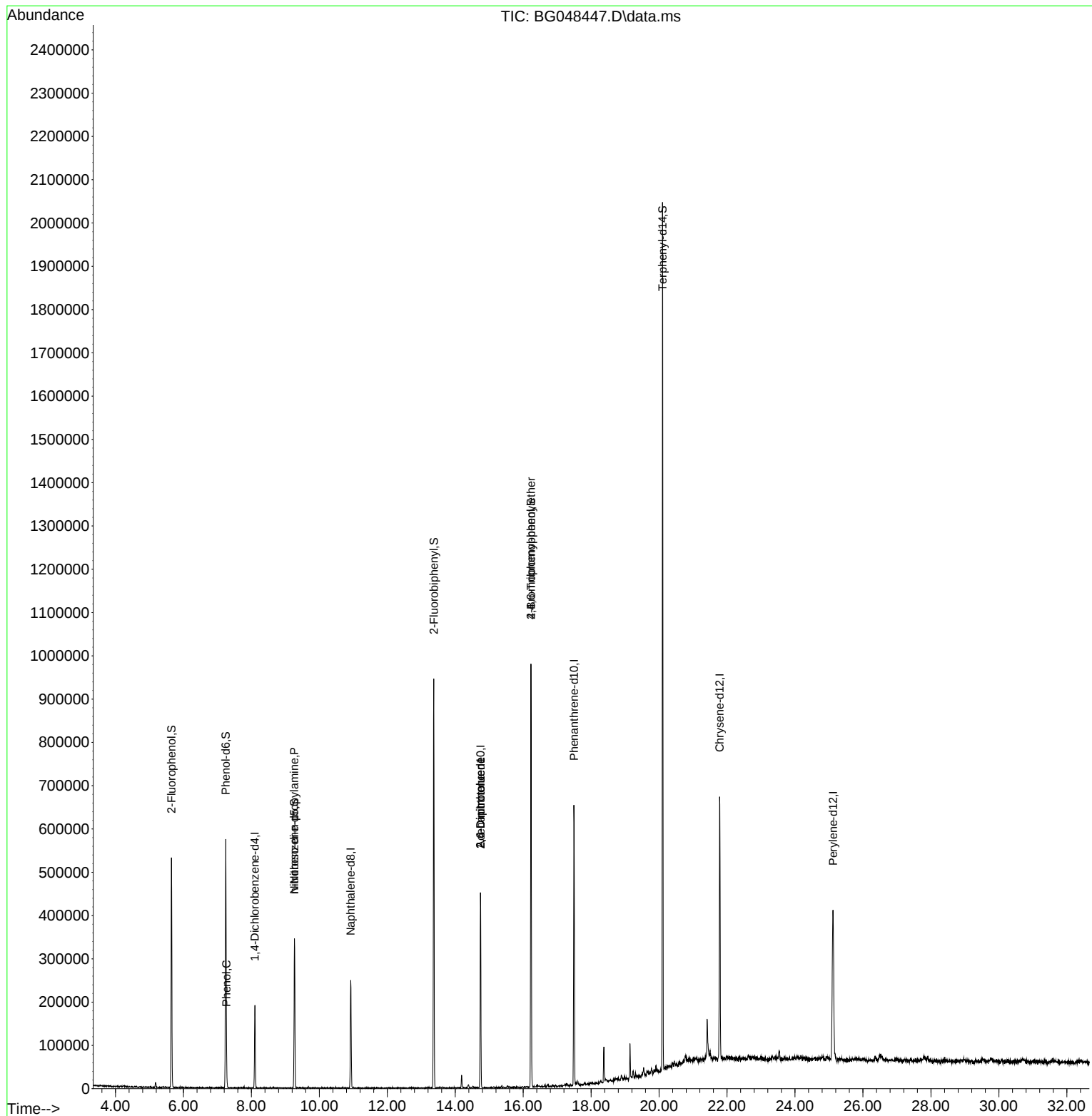
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	50245	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	193543	20.00	ng	0.00
39) Acenaphthene-d10	14.743	164	158283	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	408514	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	397684	20.00	ng	#-0.01
86) Perylene-d12	25.119	264	404329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	198953	65.48	ng	0.00
7) Phenol-d6	7.245	99	281653	63.71	ng	0.00
23) Nitrobenzene-d5	9.267	82	207115	42.79	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	176715	68.65	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	471080	42.81	ng	0.00
79) Terphenyl-d14	20.101	244	942451	42.74	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.257	77	1413	Below Cal	#	1
10) Phenol	7.269	94	11975	2.64	ng	# 59
19) n-Nitroso-di-n-propyla...	9.267	70	30771	9.38	ng	# 80
51) 2,6-Dinitrotoluene	14.743	165	21327	7.69	ng	# 33
57) 2,4-Dinitrotoluene	14.743	165	21327	5.42	ng	# 32
67) 4-Bromophenyl-phenylether	16.229	248	11739	2.28	ng	# 1

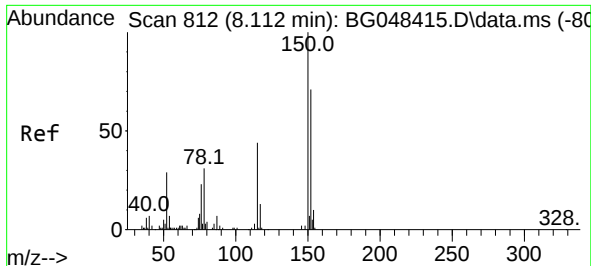
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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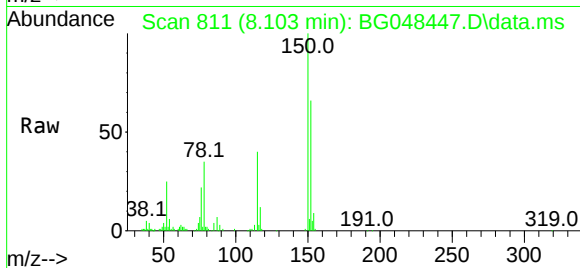
Quant Time: Mar 22 17:11:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
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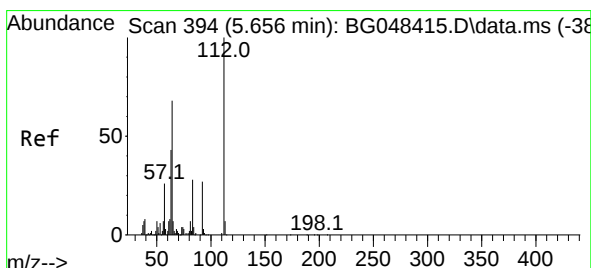
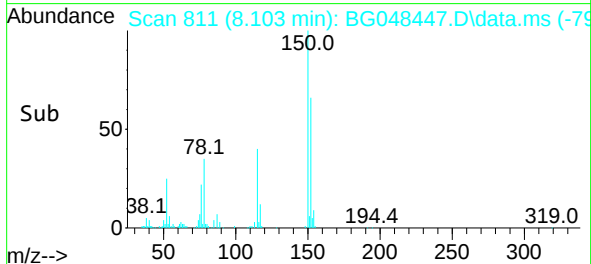
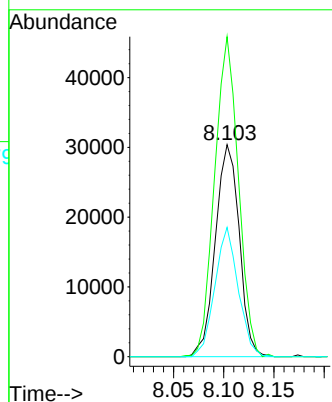


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. 0.000 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-04

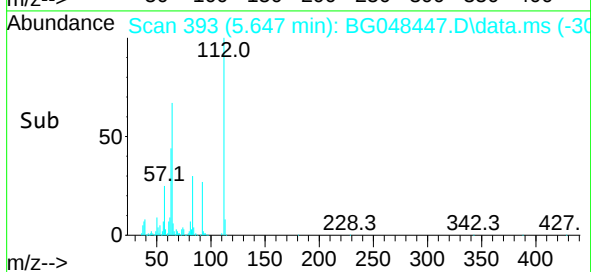
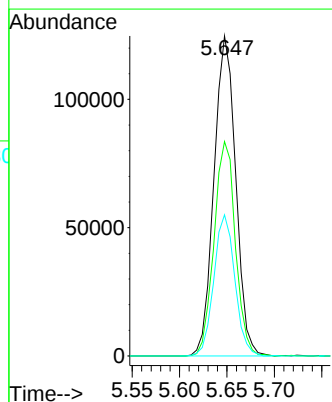
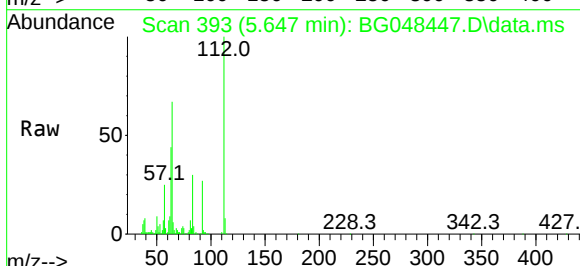


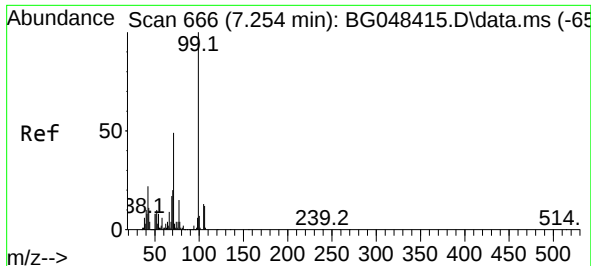
Tgt Ion:152 Resp: 50245
Ion Ratio Lower Upper
152 100
150 151.0 125.0 187.6
115 61.0 41.8 62.6



#5
2-Fluorophenol
Concen: 65.48 ng
RT: 5.647 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

Tgt Ion:112 Resp: 198953
Ion Ratio Lower Upper
112 100
64 67.0 46.7 70.1
63 44.1 22.8 34.2#

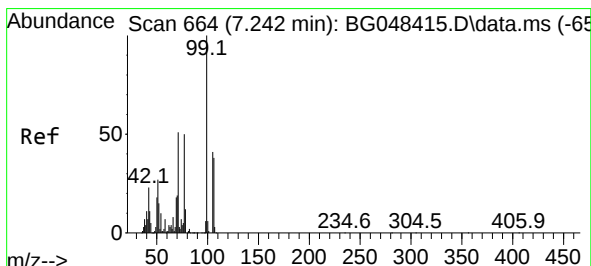
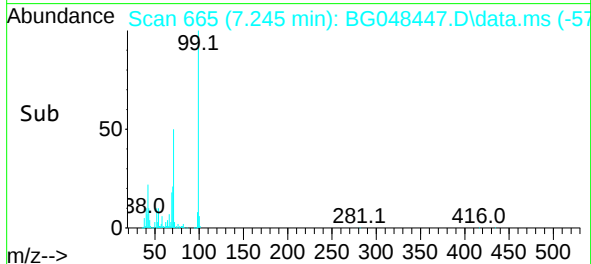
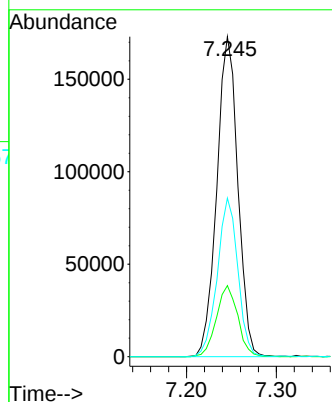
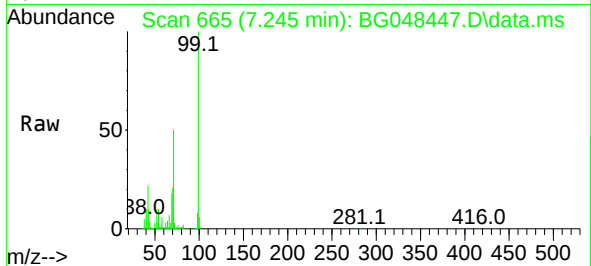




#7
Phenol-d6
Concen: 63.71 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

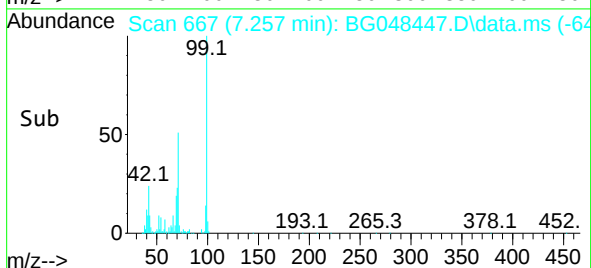
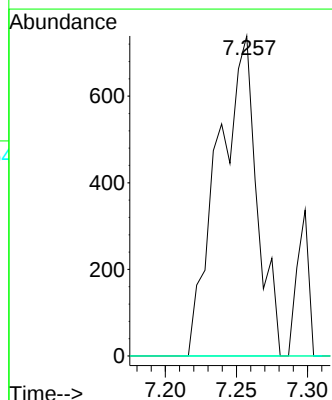
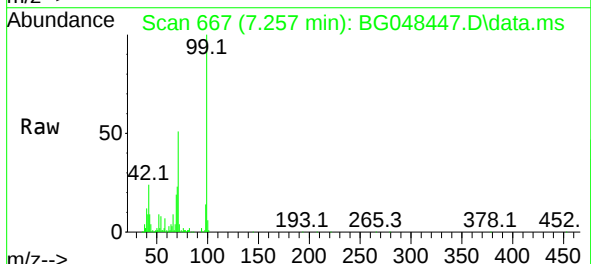
Instrument :
BNA_G
ClientSampleId :
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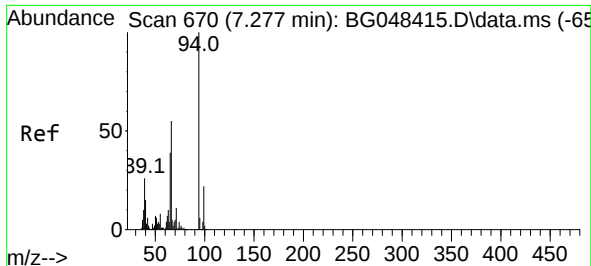
Tgt Ion: 99 Resp: 281653
Ion Ratio Lower Upper
99 100
42 22.2 12.8 19.2#
71 49.6 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.018 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

Tgt Ion: 77 Resp: 1413
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

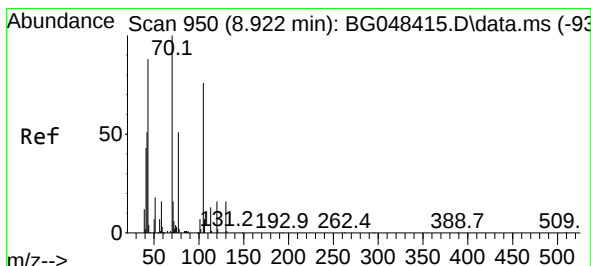
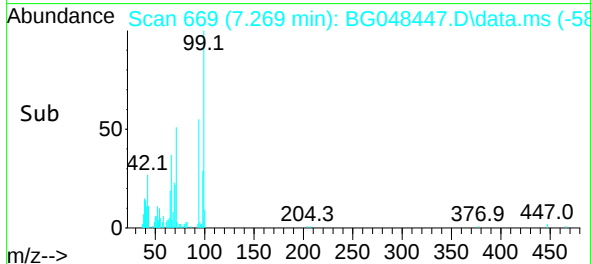
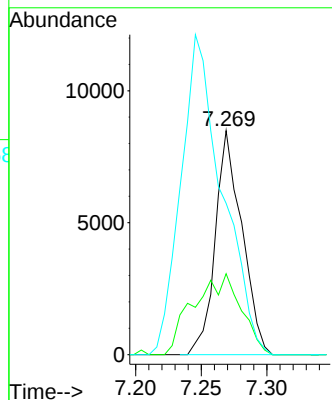
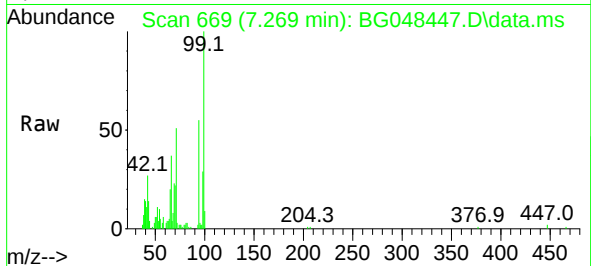




#10
Phenol
Concen: 2.64 ng
RT: 7.269 min Scan# 669
Delta R.T. -0.005 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

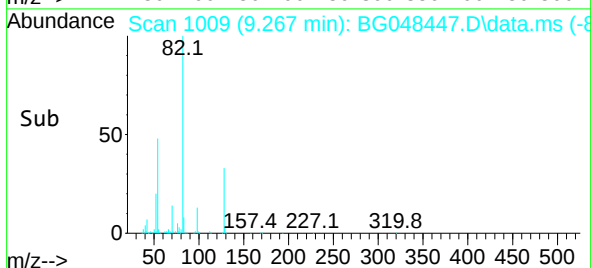
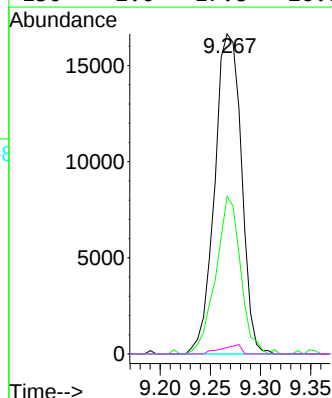
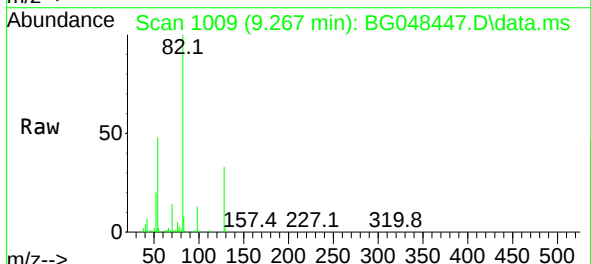
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-04

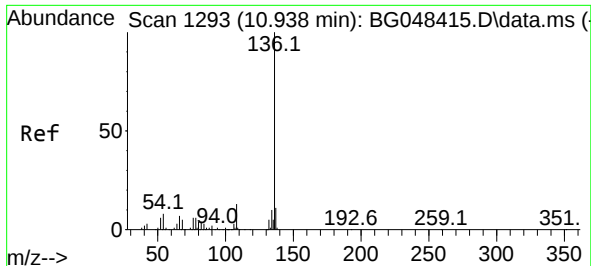
Tgt Ion: 94 Resp: 11975
Ion Ratio Lower Upper
94 100
65 36.1 6.6 46.6
66 67.6 13.9 53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 9.38 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

Tgt Ion: 70 Resp: 30771
Ion Ratio Lower Upper
70 100
42 49.2 45.6 68.4
101 0.0 8.4 12.6#
130 2.0 17.8 26.8#

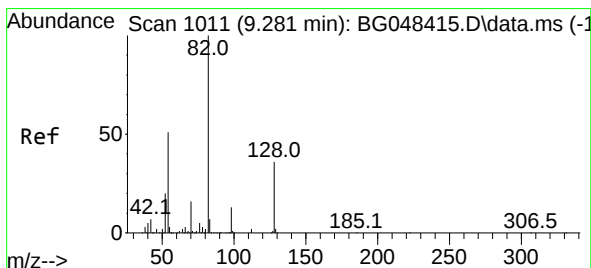
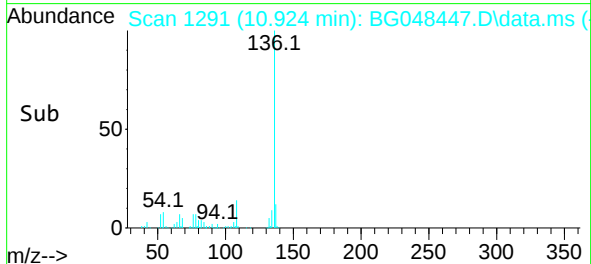
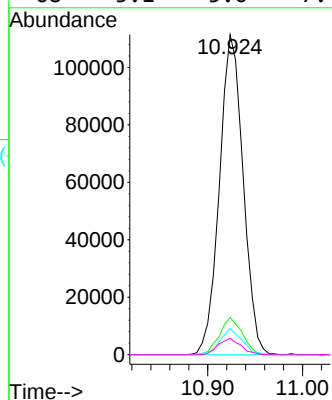
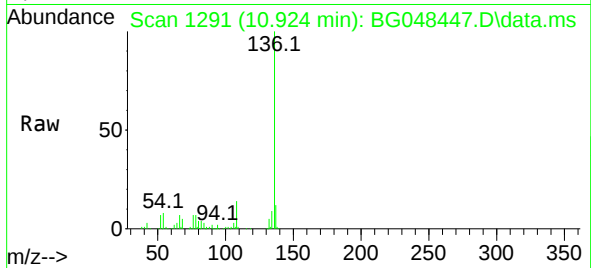




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

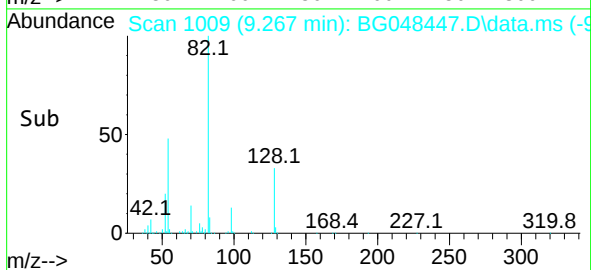
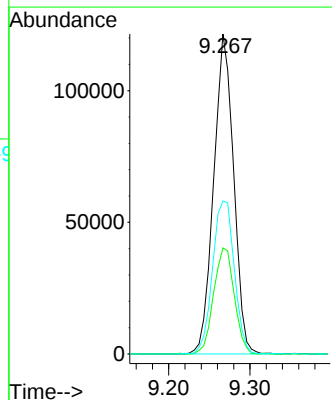
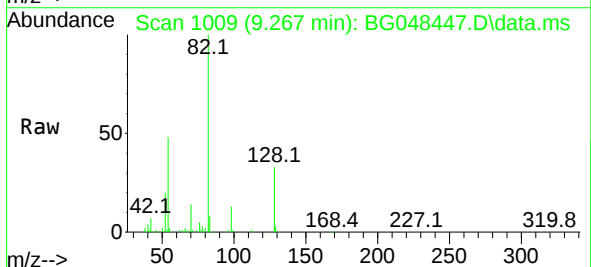
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-04

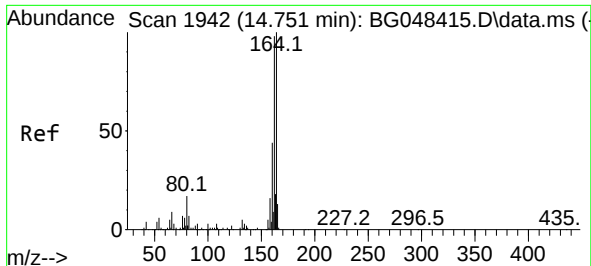
Tgt Ion:	136	Resp:	193543
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	8.2	6.2	9.4
68	5.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 42.79 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

Tgt Ion:	82	Resp:	207115
Ion Ratio	Lower	Upper	
82	100		
128	33.1	37.0	55.6#
54	47.8	39.0	58.4

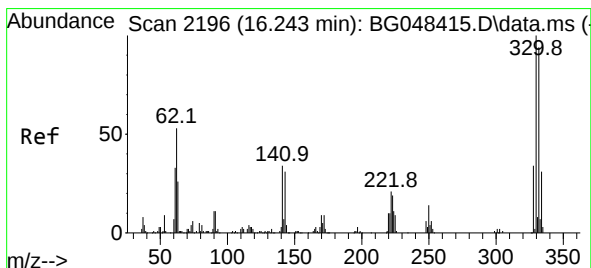
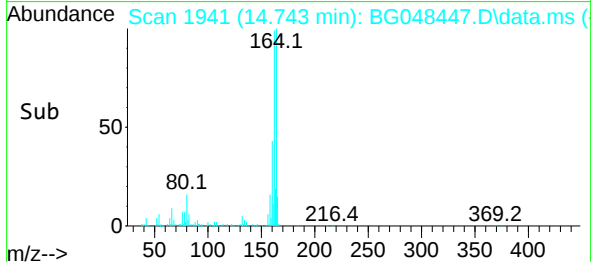
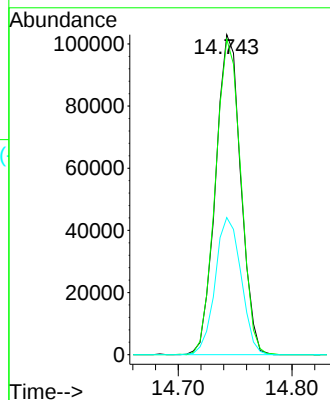
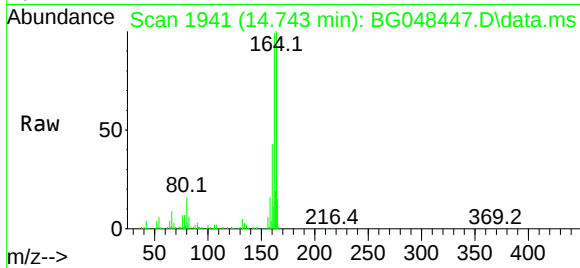




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

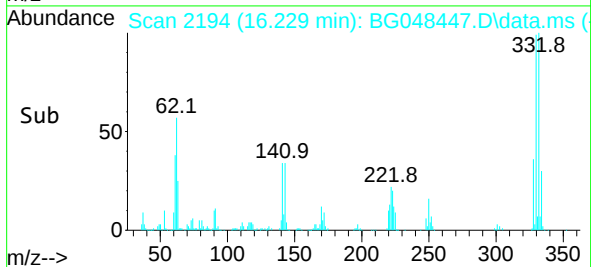
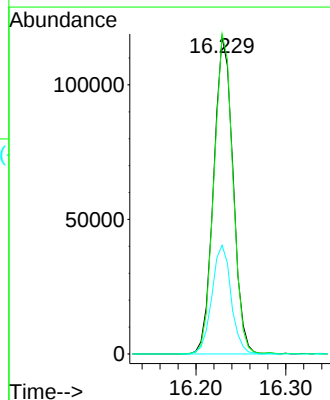
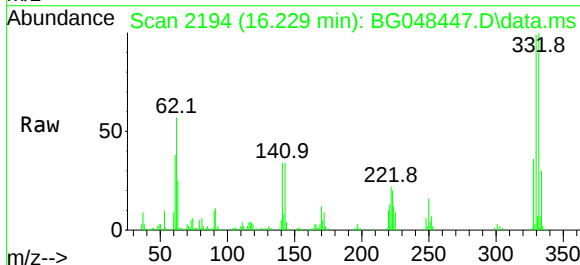
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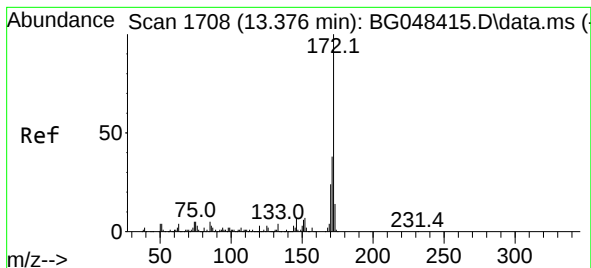
Tgt Ion:164 Resp: 158283
Ion Ratio Lower Upper
164 100
162 98.6 82.3 123.5
160 42.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 68.65 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

Tgt Ion:330 Resp: 176715
Ion Ratio Lower Upper
330 100
332 98.4 76.5 114.7
141 33.9 26.0 39.0

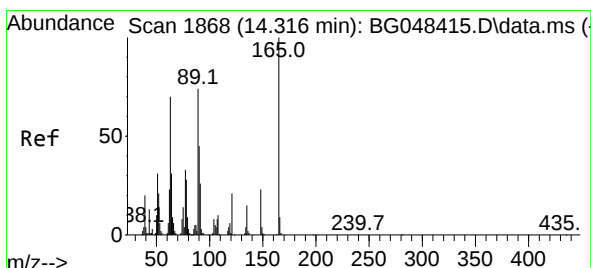
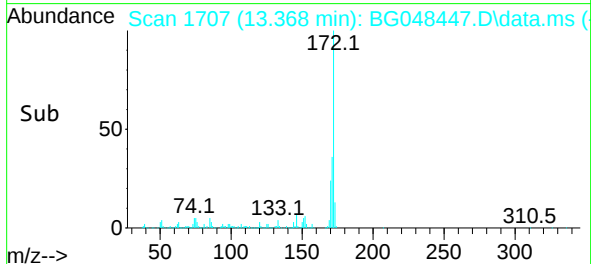
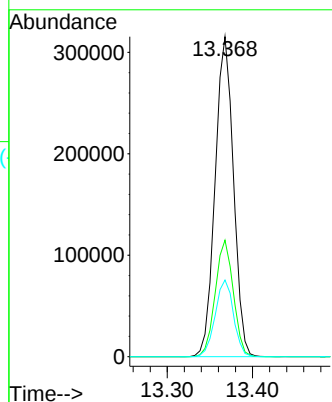
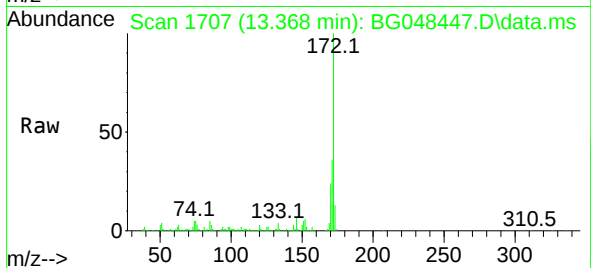




#45
2-Fluorobiphenyl
Concen: 42.81 ng
RT: 13.368 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

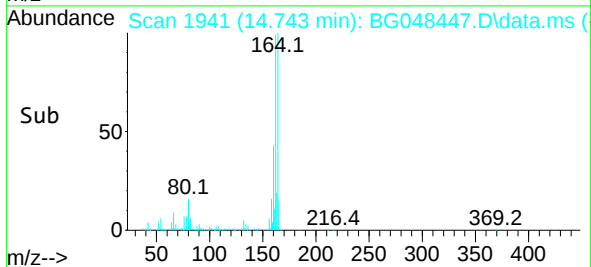
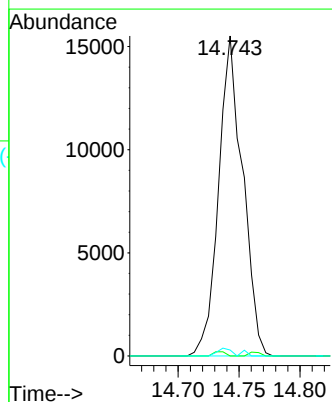
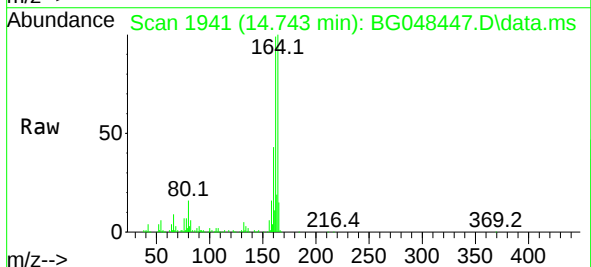
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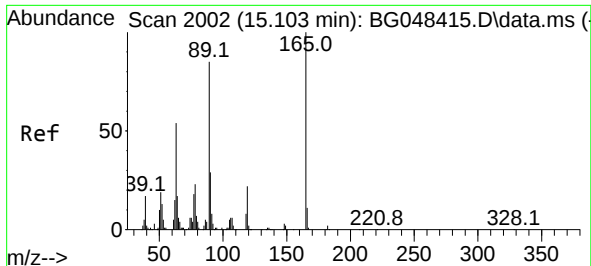
Tgt Ion:172 Resp: 471080
Ion Ratio Lower Upper
172 100
171 36.4 31.3 46.9
170 23.9 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 14.743 min Scan# 1941
Delta R.T. 0.430 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

Tgt Ion:165 Resp: 21327
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.9 36.6 54.8#

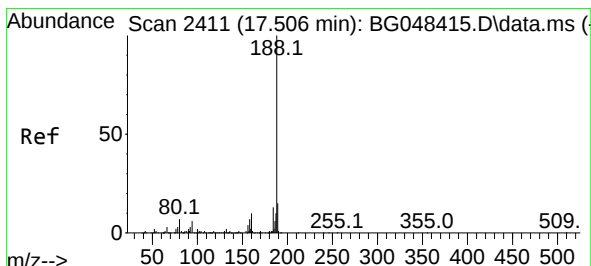
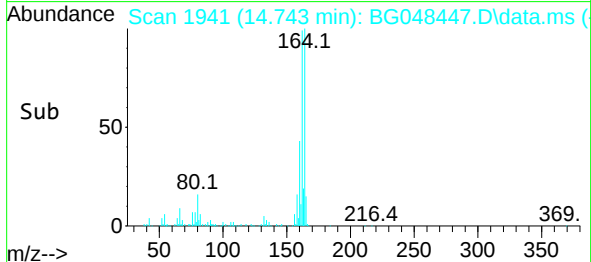
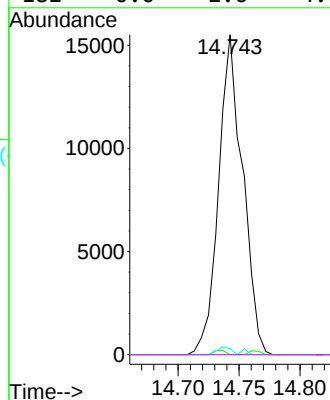
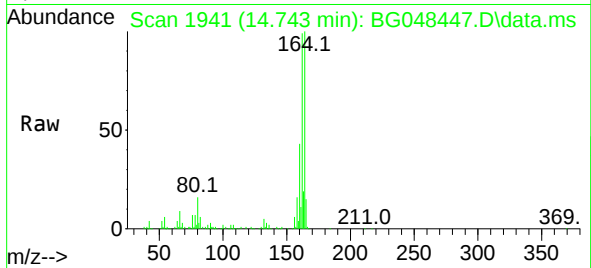




#57
2,4-Dinitrotoluene
Concen: 5.42 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.358 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

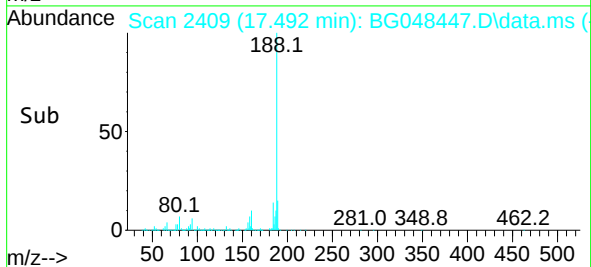
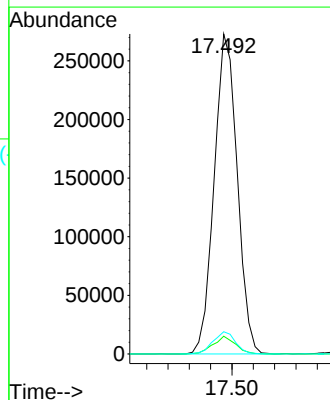
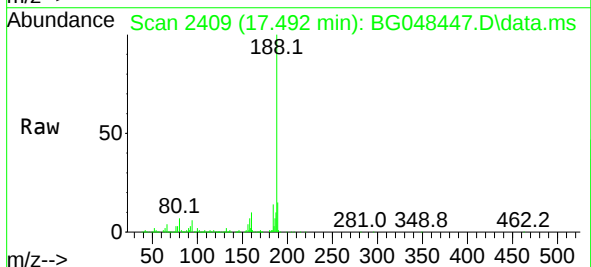
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-04

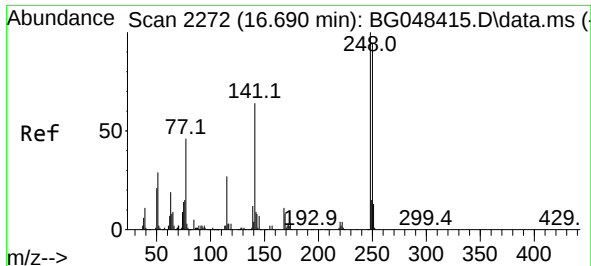
Tgt Ion:165 Resp: 21327
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.9 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

Tgt Ion:188 Resp: 408514
Ion Ratio Lower Upper
188 100
94 5.5 6.3 9.5#
80 6.9 7.0 10.6#

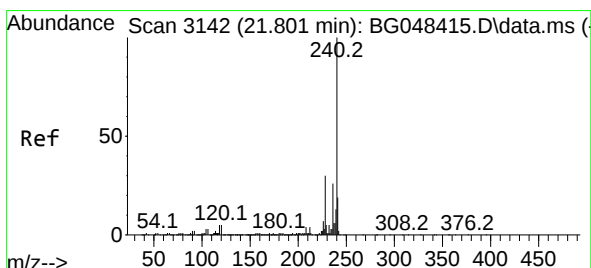
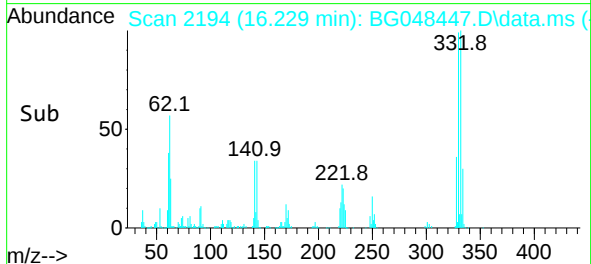
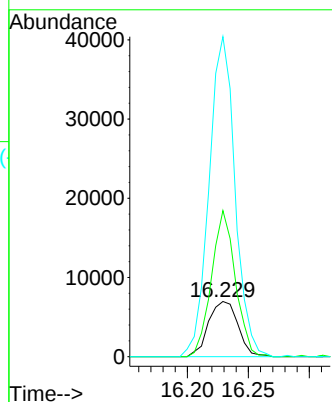
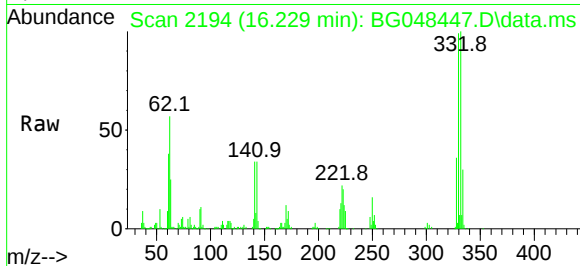




#67
4-Bromophenyl-phenylether
Concen: 2.28 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.452 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

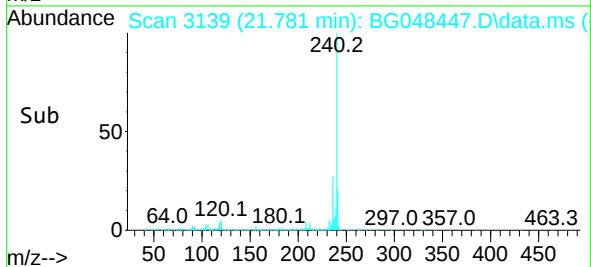
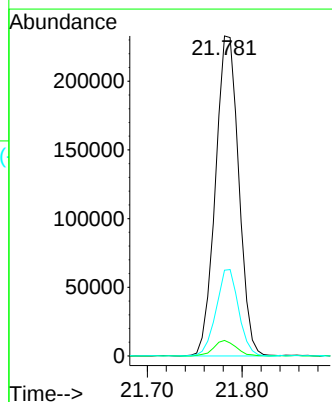
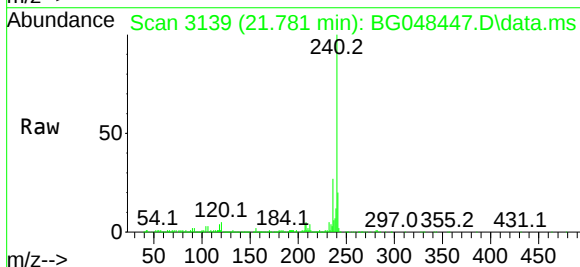
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-04

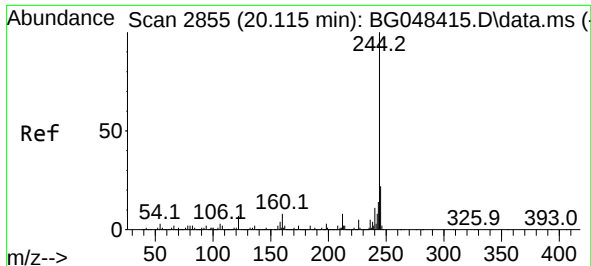
Tgt Ion:248 Resp: 11739
Ion Ratio Lower Upper
248 100
250 264.6 78.9 118.3#
141 579.7 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

Tgt Ion:240 Resp: 397684
Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 26.8 20.5 30.7

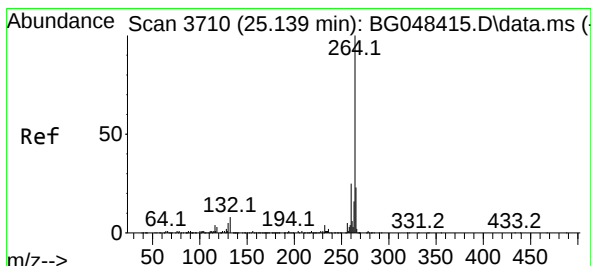
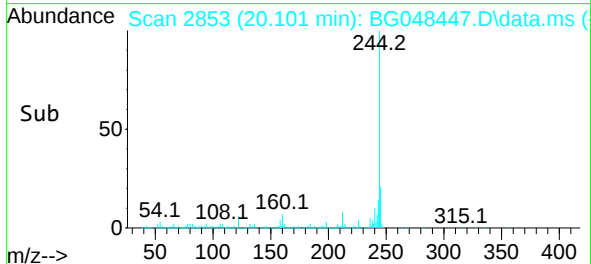
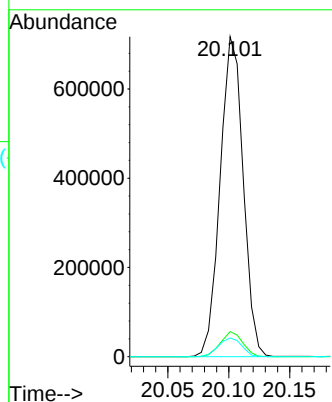
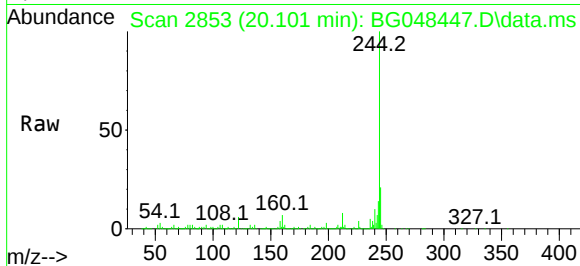




#79
Terphenyl-d14
Concen: 42.74 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.005 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-04

Tgt Ion:244 Resp: 942451
Ion Ratio Lower Upper
244 100
212 7.8 6.7 10.1
122 5.8 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.119 min Scan# 3707
Delta R.T. -0.005 min
Lab File: BG048447.D
Acq: 22 Mar 2021 16:26

Tgt Ion:264 Resp: 404329
Ion Ratio Lower Upper
264 100
260 24.6 18.8 28.2
265 20.3 17.8 26.8

