

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048448.D
 Acq On : 22 Mar 2021 17:07
 Operator : CG/JU
 Sample : M1718-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-05

Quant Time: Mar 22 17:49:44 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)

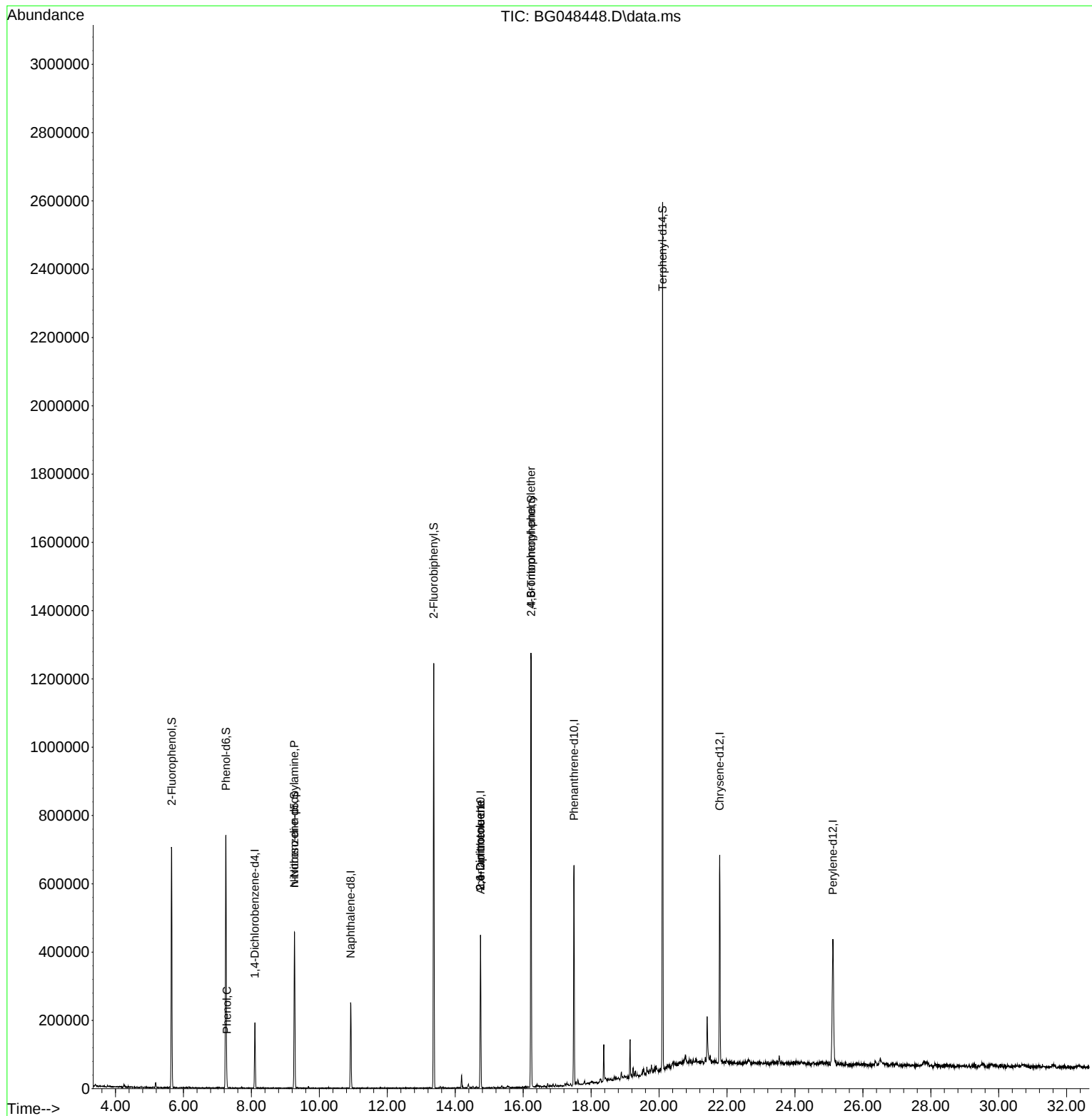
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	49637	20.00	ng	# 0.00
21) Naphthalene-d8	10.922	136	196860	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	158978	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	407696	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	395424	20.00	ng	# 0.00
86) Perylene-d12	25.118	264	400146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	269151	89.67	ng	0.00
7) Phenol-d6	7.250	99	383604	87.83	ng	0.00
23) Nitrobenzene-d5	9.266	82	278830	56.63	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	235789	91.20	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	626098	56.65	ng	0.00
79) Terphenyl-d14	20.106	244	1193412	54.43	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.238	77	783	Below Cal	#	1
10) Phenol	7.280	94	9509	2.12	ng	81
19) n-Nitroso-di-n-propyla...	9.266	70	41483	12.80	ng	# 74
51) 2,6-Dinitrotoluene	14.741	165	20939	7.52	ng	# 32
57) 2,4-Dinitrotoluene	14.741	165	20939	5.30	ng	# 30
67) 4-Bromophenyl-phenylether	16.228	248	17016	3.31	ng	# 1

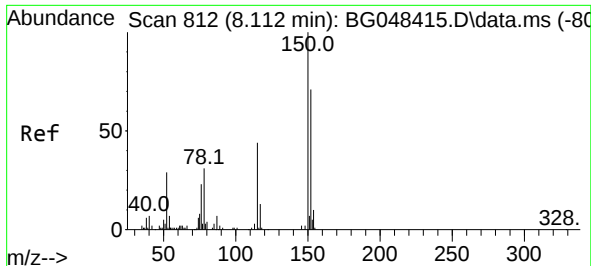
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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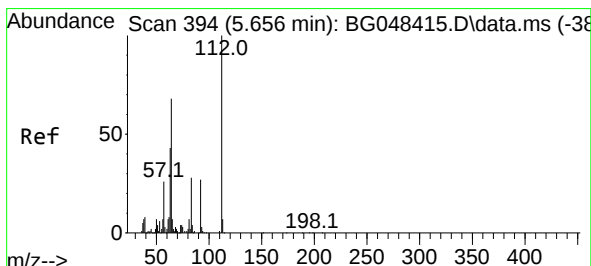
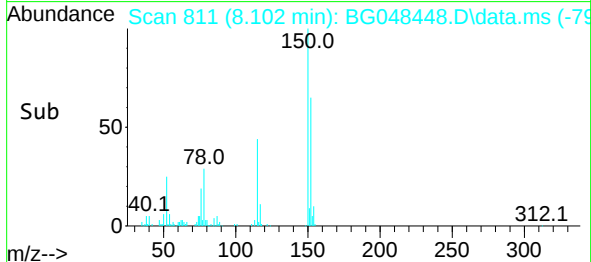
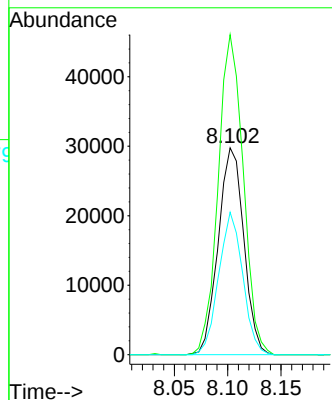
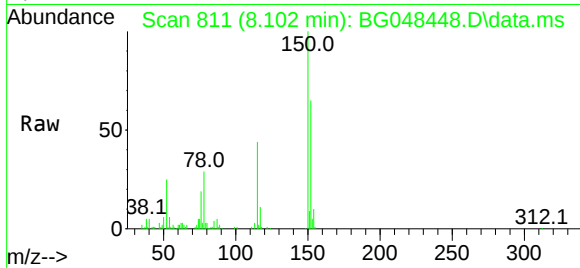




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

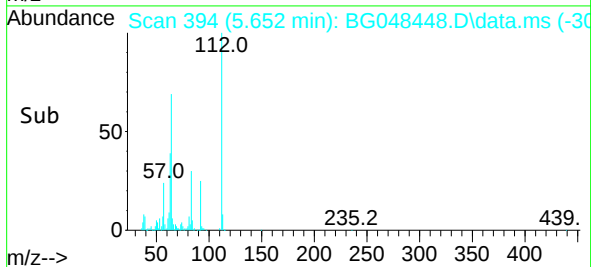
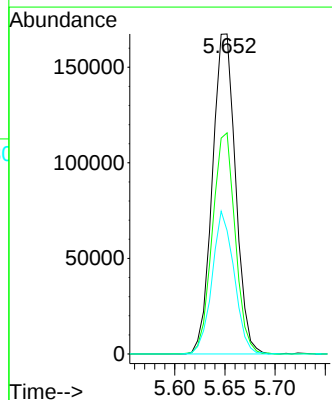
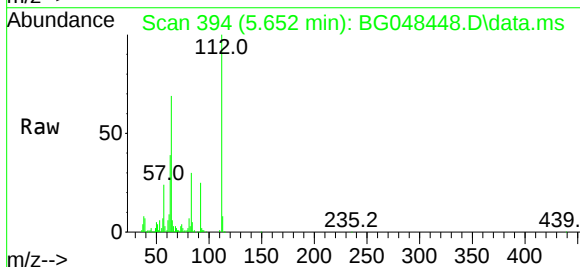
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-05

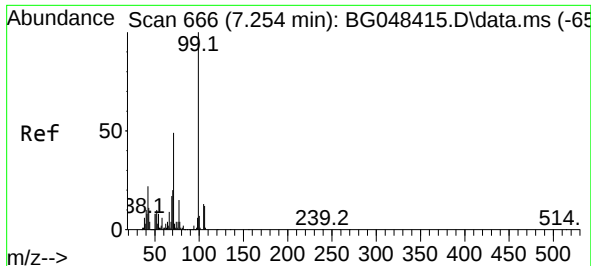
Tgt Ion:152 Resp: 49637
Ion Ratio Lower Upper
152 100
150 154.6 125.0 187.6
115 68.8 41.8 62.6#



#5
2-Fluorophenol
Concen: 89.67 ng
RT: 5.652 min Scan# 394
Delta R.T. 0.005 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

Tgt Ion:112 Resp: 269151
Ion Ratio Lower Upper
112 100
64 69.1 46.7 70.1
63 38.5 22.8 34.2#

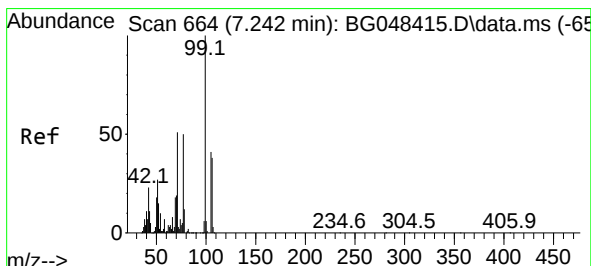
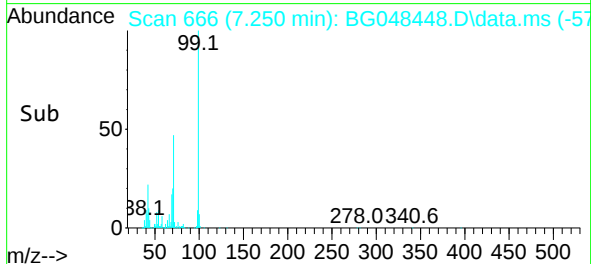
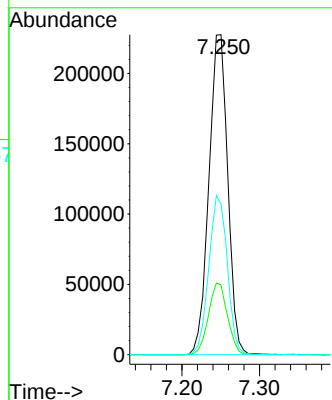
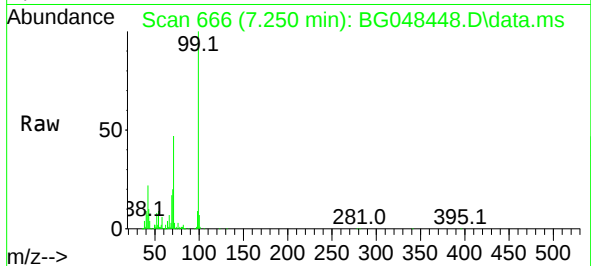




#7
Phenol-d6
Concen: 87.83 ng
RT: 7.250 min Scan# 666
Delta R.T. -0.001 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

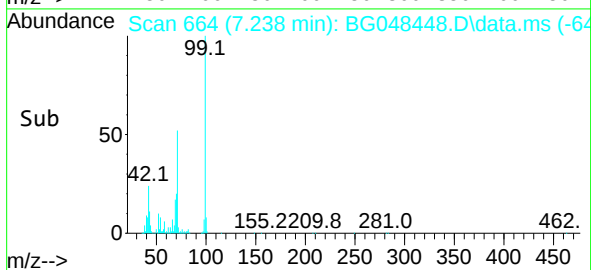
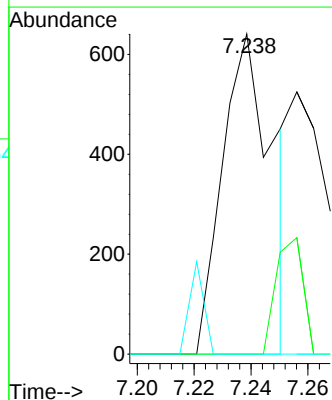
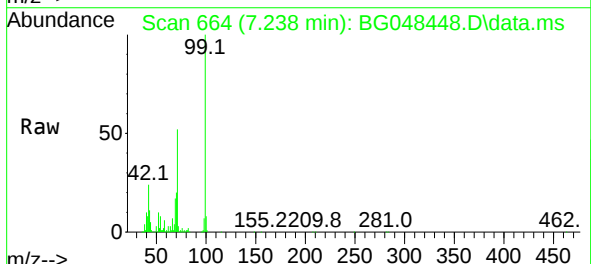
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-05

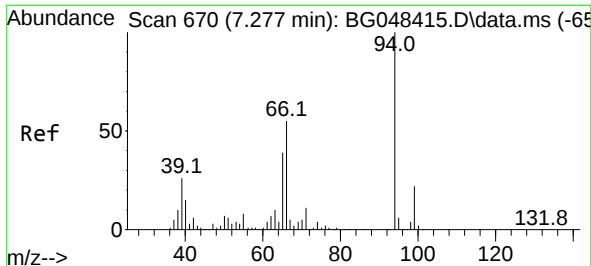
Tgt Ion: 99 Resp: 383604
Ion Ratio Lower Upper
99 100
42 21.8 12.8 19.2#
71 47.1 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.238 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

Tgt Ion: 77 Resp: 783
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

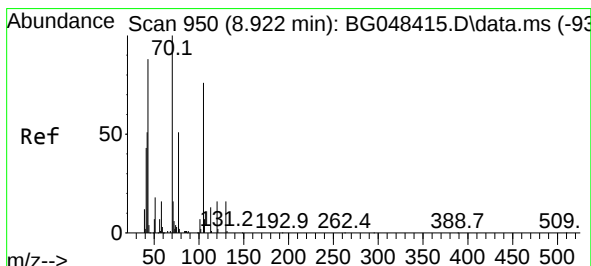
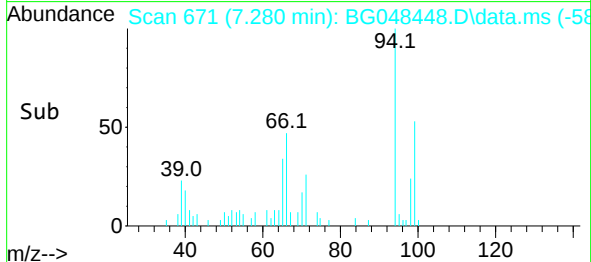
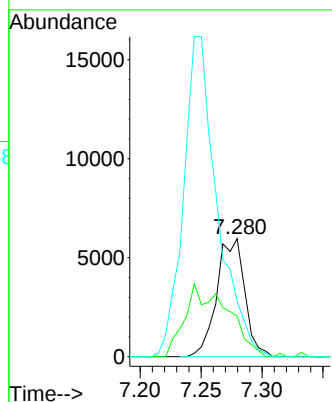
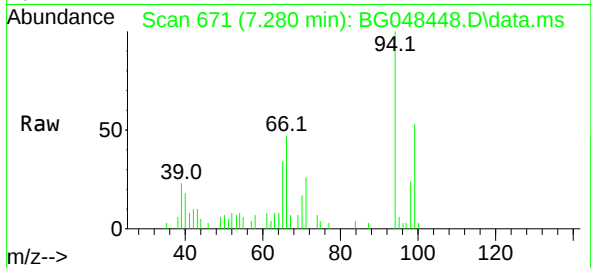




#10
Phenol
Concen: 2.12 ng
RT: 7.280 min Scan# 671
Delta R.T. 0.005 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

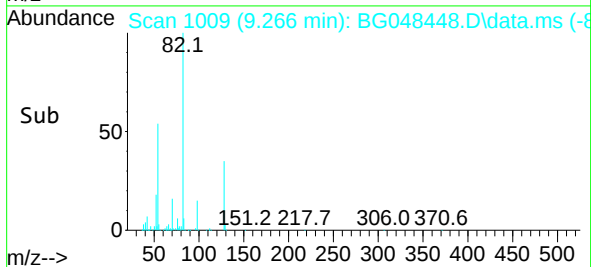
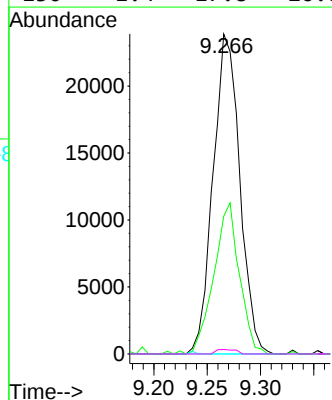
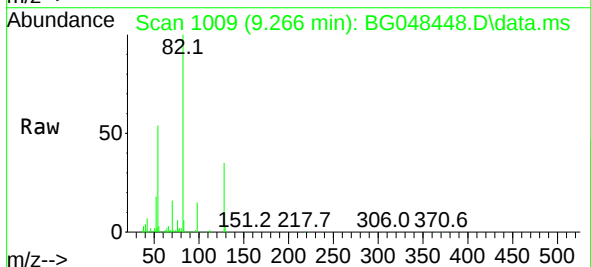
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-05

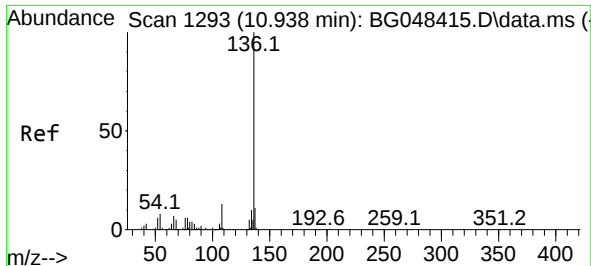
Tgt Ion: 94 Resp: 9509
Ion Ratio Lower Upper
94 100
65 34.5 6.6 46.6
66 46.6 13.9 53.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.80 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.352 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

Tgt Ion: 70 Resp: 41483
Ion Ratio Lower Upper
70 100
42 43.0 45.6 68.4#
101 0.0 8.4 12.6#
130 1.4 17.8 26.8#

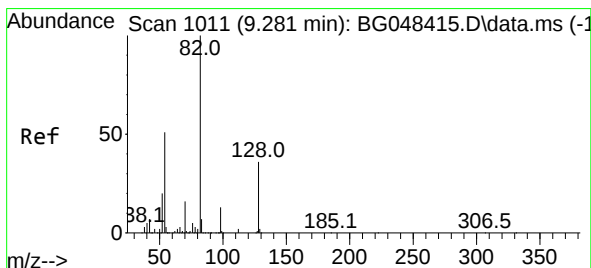
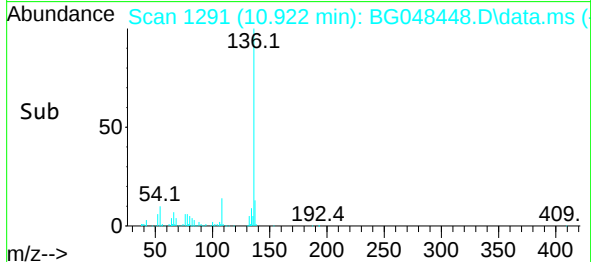
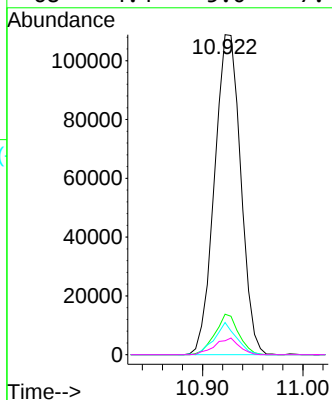
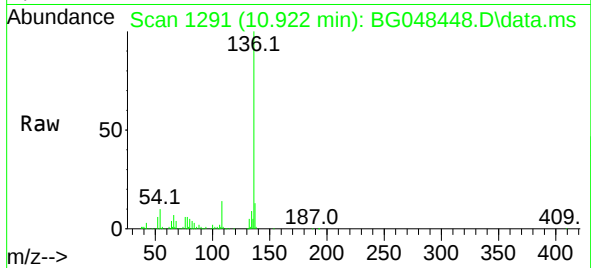




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

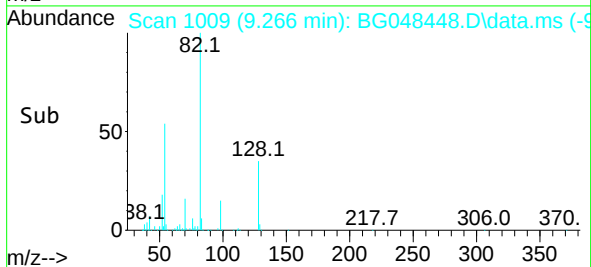
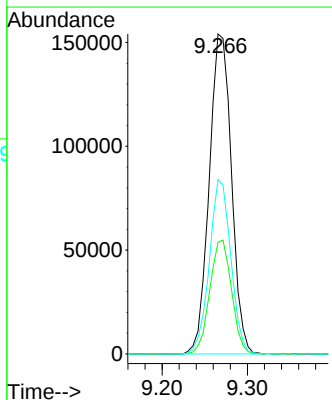
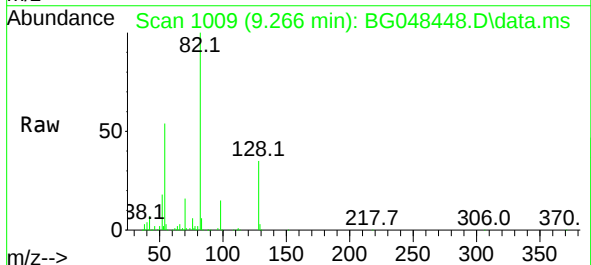
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-05

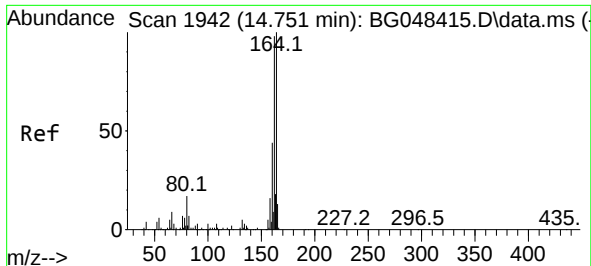
Tgt Ion:	136	Resp:	196860
Ion Ratio	Lower	Upper	
136	100		
137	12.7	9.1	13.7
54	10.0	6.2	9.4#
68	4.4	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 56.63 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

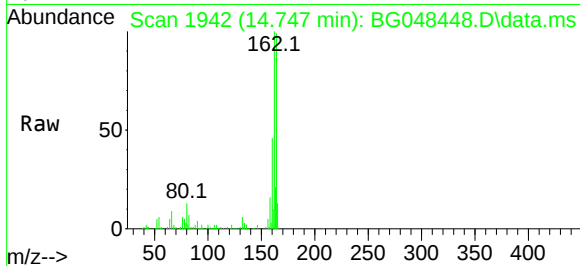
Tgt Ion:	82	Resp:	278830
Ion Ratio	Lower	Upper	
82	100		
128	34.9	37.0	55.6#
54	54.5	39.0	58.4



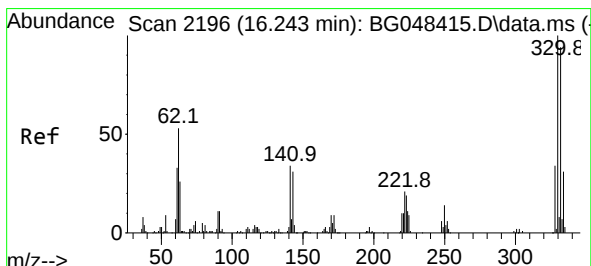
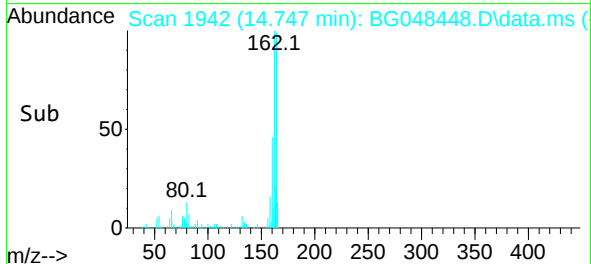
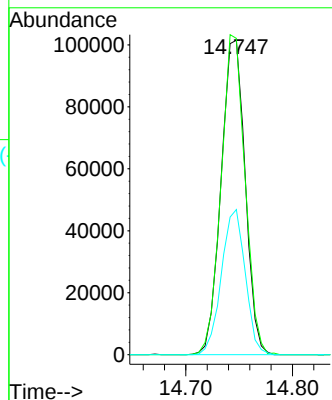


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.001 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

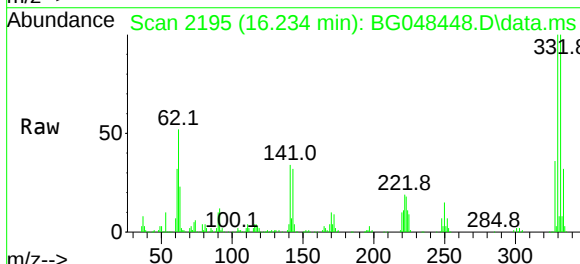
Instrument :
BNA_G
ClientSampleId :
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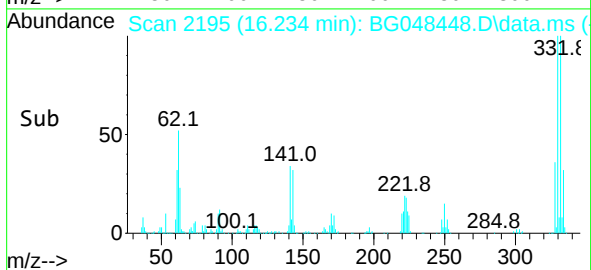
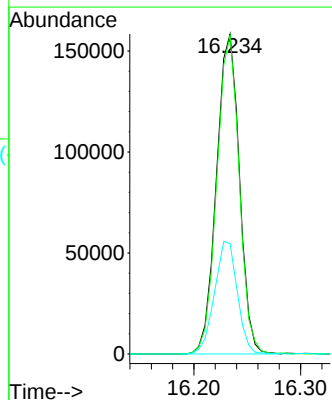
Tgt Ion:164 Resp: 158978
Ion Ratio Lower Upper
164 100
162 100.6 82.3 123.5
160 46.1 35.3 52.9

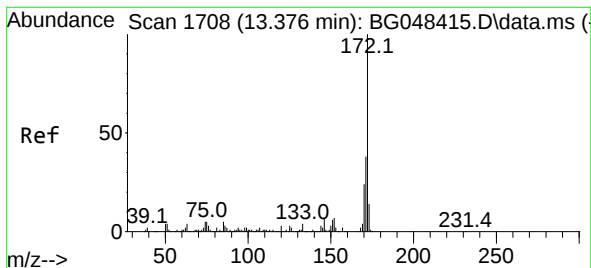


#42
2,4,6-Tribromophenol
Concen: 91.20 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07



Tgt Ion:330 Resp: 235789
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 35.2 26.0 39.0

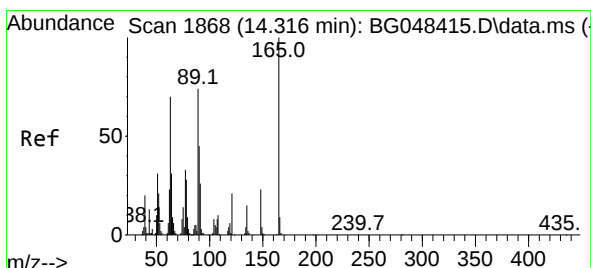
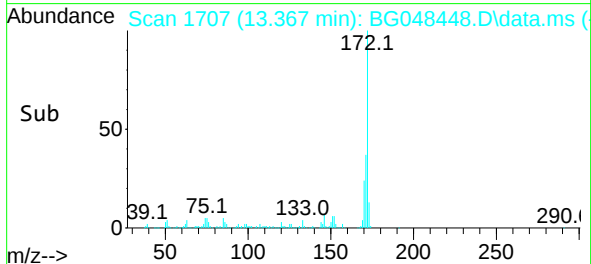
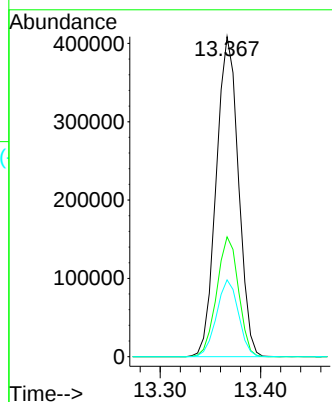
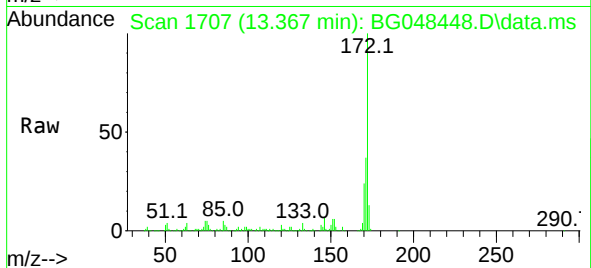




#45
2-Fluorobiphenyl
Concen: 56.65 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.001 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

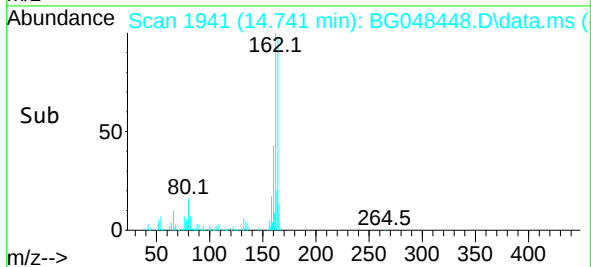
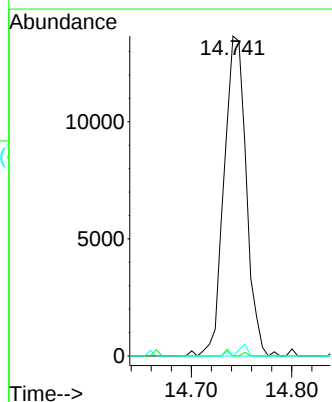
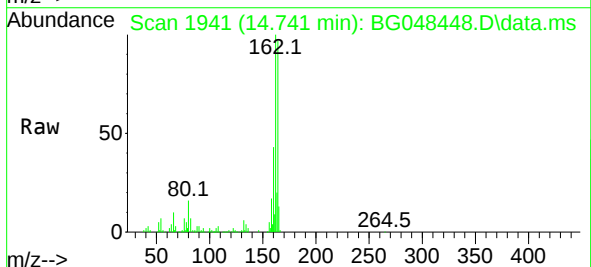
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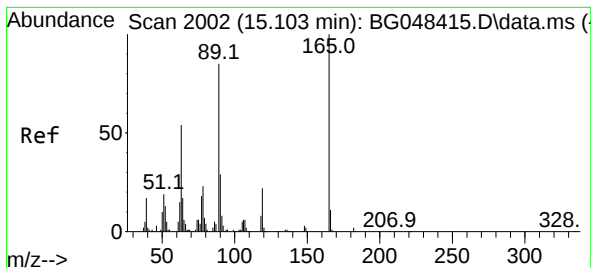
Tgt Ion:172 Resp: 626098
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 24.0 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 14.741 min Scan# 1941
Delta R.T. 0.428 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

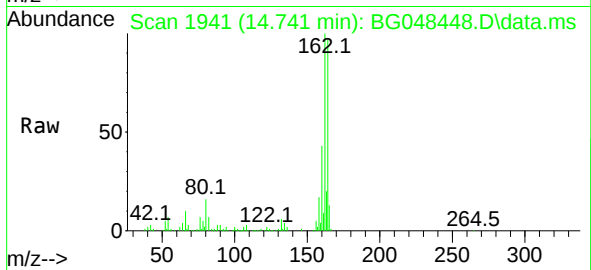
Tgt Ion:165 Resp: 20939
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#



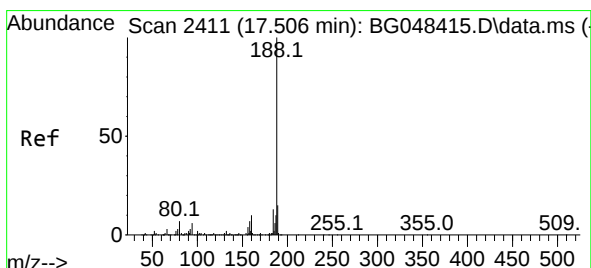
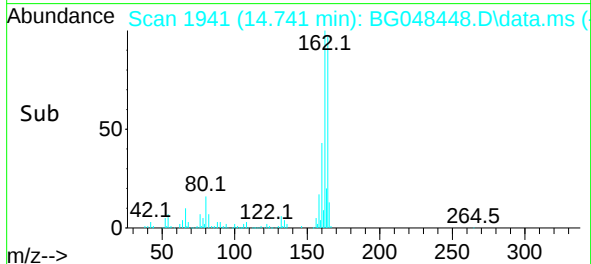
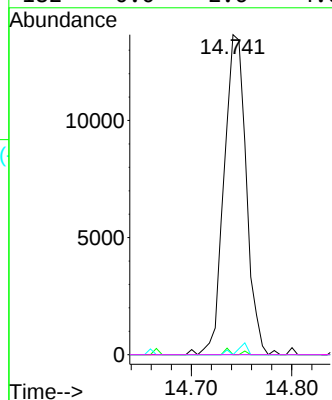


#57
2,4-Dinitrotoluene
Concen: 5.30 ng
RT: 14.741 min Scan# 1941
Delta R.T. -0.359 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-05

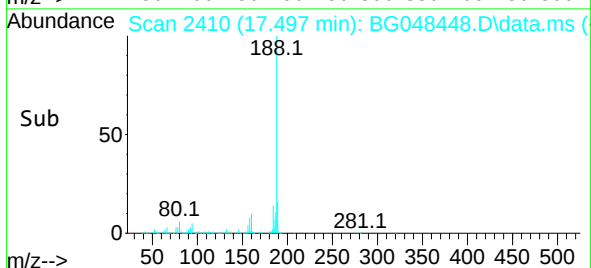
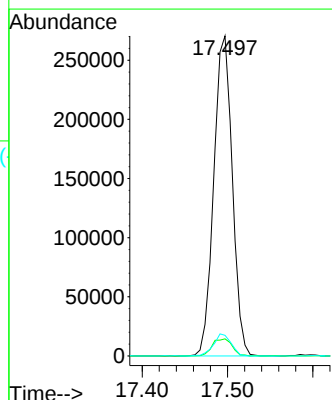
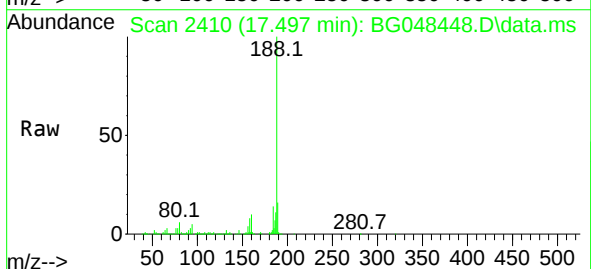


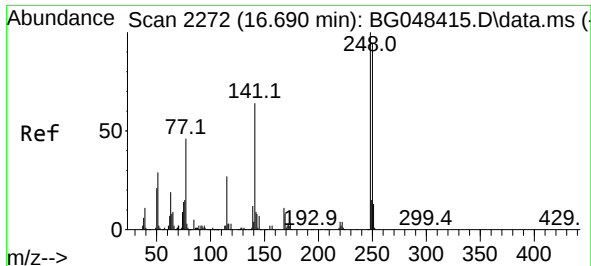
Tgt Ion:165 Resp: 20939
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

Tgt Ion:188 Resp: 407696
Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 6.5 7.0 10.6#

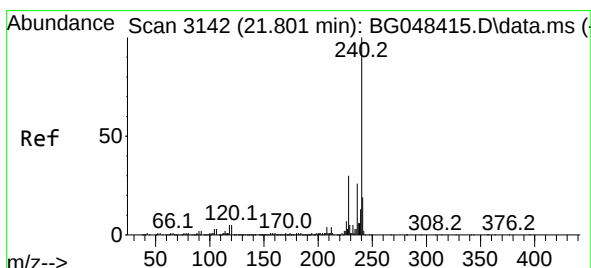
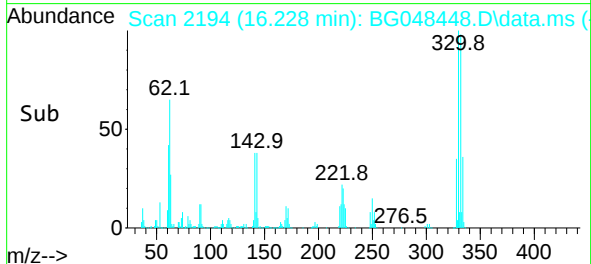
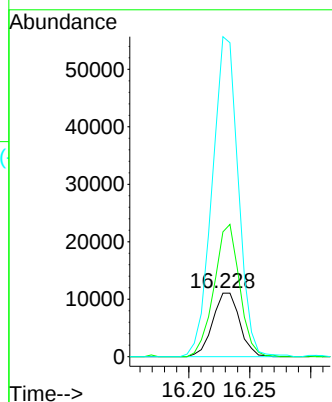
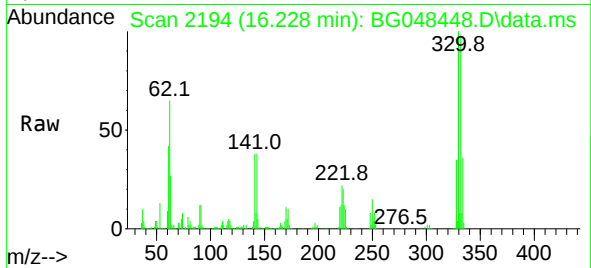




#67
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.453 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

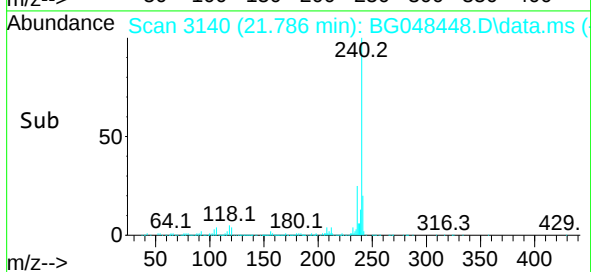
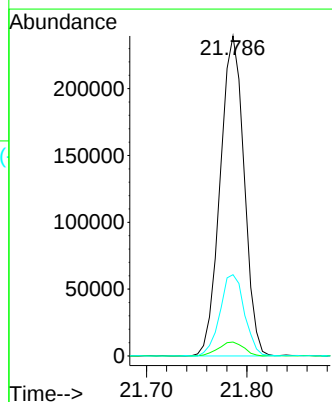
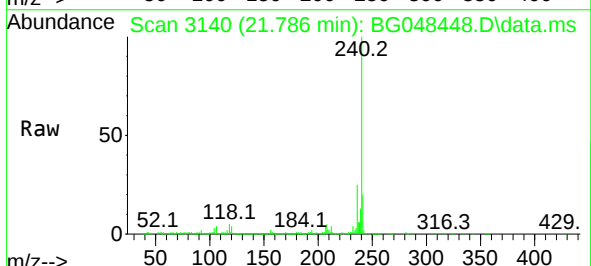
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-05

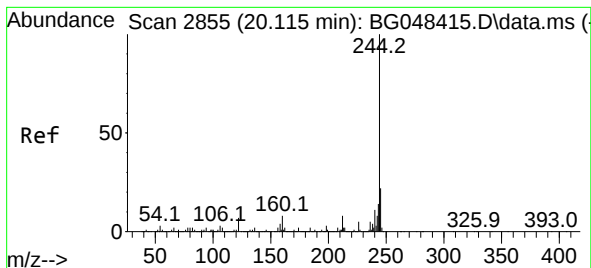
Tgt Ion:248 Resp: 17016
Ion Ratio Lower Upper
248 100
250 196.5 78.9 118.3#
141 503.7 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG048448.D
Acq: 22 Mar 2021 17:07

Tgt Ion:240 Resp: 395424
Ion Ratio Lower Upper
240 100
120 4.4 6.2 9.4#
236 25.4 20.5 30.7





#79

Terphenyl-d14

Concen: 54.43 ng

RT: 20.106 min Scan# 2854

Delta R.T. -0.001 min

Lab File: BG048448.D

Acq: 22 Mar 2021 17:07

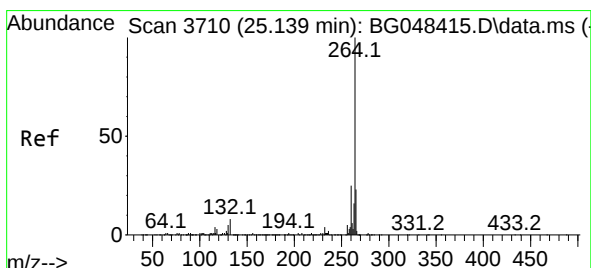
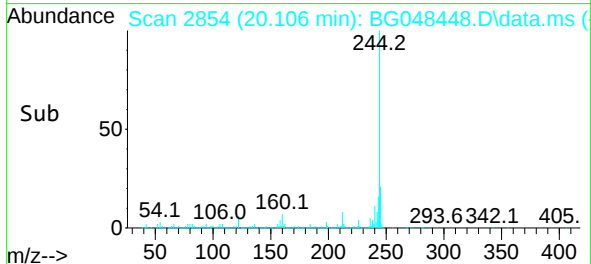
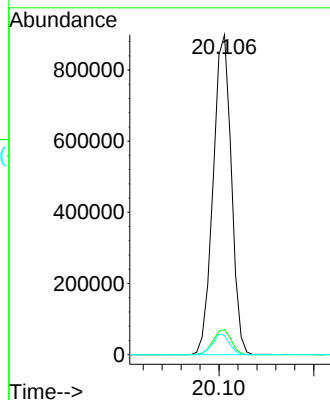
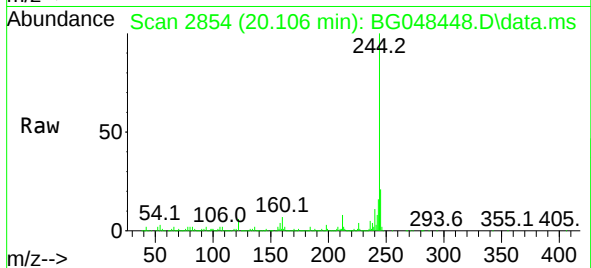
Tgt Ion:244 Resp: 1193412

Ion Ratio Lower Upper

244 100

212 7.8 6.7 10.1

122 6.0 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.118 min Scan# 3707

Delta R.T. -0.006 min

Lab File: BG048448.D

Acq: 22 Mar 2021 17:07

Tgt Ion:264 Resp: 400146

Ion Ratio Lower Upper

264 100

260 25.6 18.8 28.2

265 23.1 17.8 26.8

