

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048446.D
 Acq On : 22 Mar 2021 15:47
 Operator : CG/JU
 Sample : M1718-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-03

Quant Time: Mar 22 16:27:07 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)

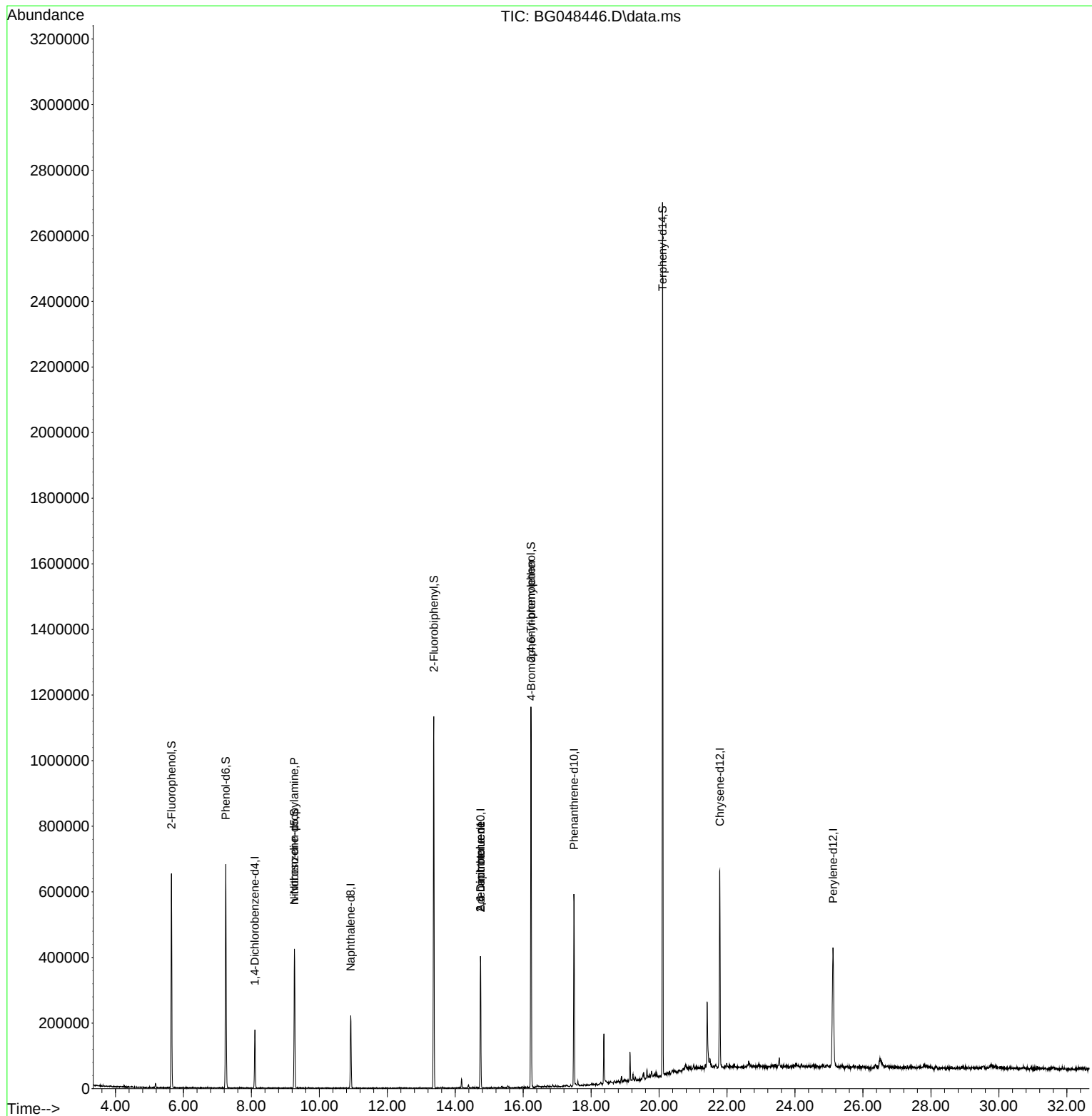
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	44984	20.00	ng	0.00
21) Naphthalene-d8	10.924	136	174250	20.00	ng	0.00
39) Acenaphthene-d10	14.743	164	145015	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	380502	20.00	ng	# 0.00
76) Chrysene-d12	21.788	240	396569	20.00	ng	# 0.00
86) Perylene-d12	25.119	264	404330	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	241417	88.75	ng	0.00
7) Phenol-d6	7.246	99	336688	85.06	ng	0.00
23) Nitrobenzene-d5	9.267	82	255981	58.74	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	216648	91.86	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	559536	55.51	ng	0.00
79) Terphenyl-d14	20.101	244	1235132	56.17	ng	0.00
Target Compounds						
9) Benzaldehyde	7.257	77	1200	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.267	70	36372	12.38	ng	# 80
51) 2,6-Dinitrotoluene	14.743	165	19709	7.76	ng	# 36
57) 2,4-Dinitrotoluene	14.743	165	19709	5.46	ng	# 34
67) 4-Bromophenyl-phenylether	16.235	248	15219	3.18	ng	# 1

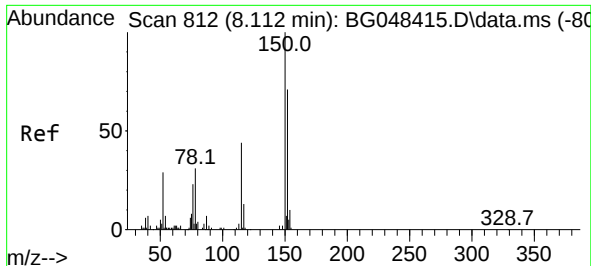
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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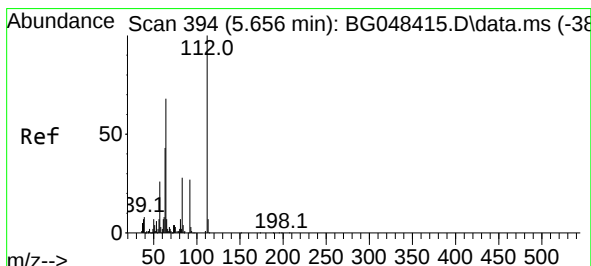
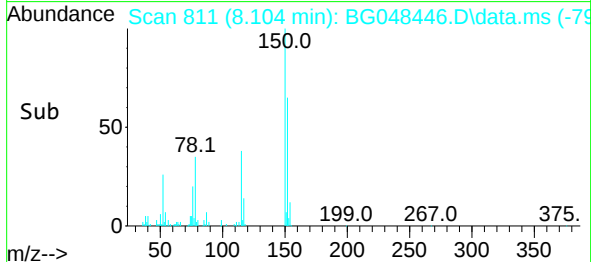
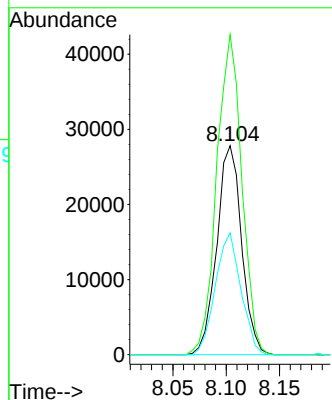
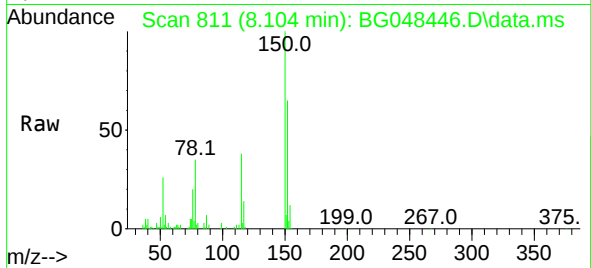




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG048446.D
Acq: 22 Mar 2021 15:47

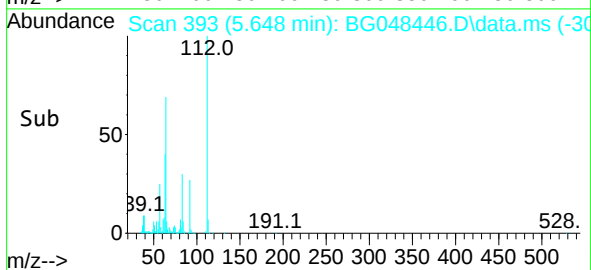
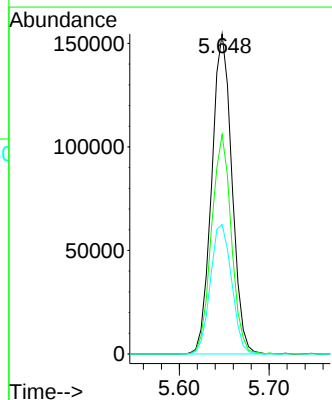
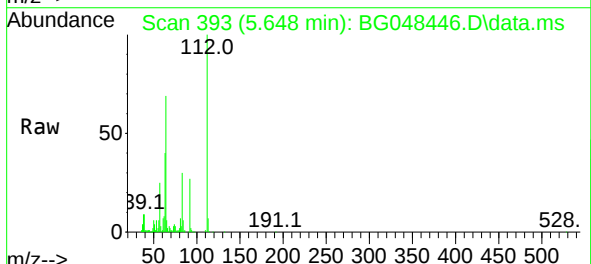
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-03

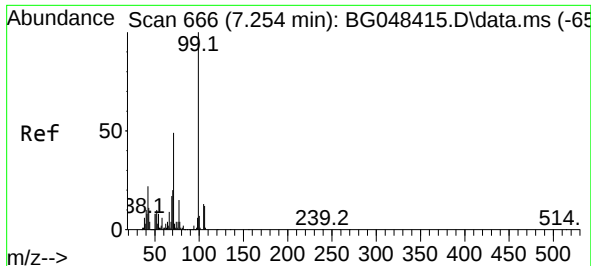
Tgt Ion:152 Resp: 44984
Ion Ratio Lower Upper
152 100
150 153.1 125.0 187.6
115 58.4 41.8 62.6



#5
2-Fluorophenol
Concen: 88.75 ng
RT: 5.648 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG048446.D
Acq: 22 Mar 2021 15:47

Tgt Ion:112 Resp: 241417
Ion Ratio Lower Upper
112 100
64 68.6 46.7 70.1
63 40.5 22.8 34.2#

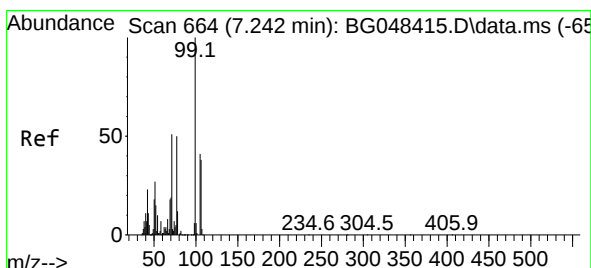
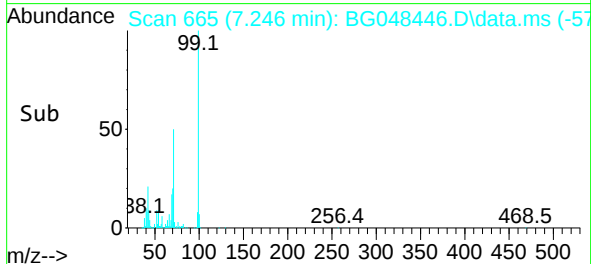
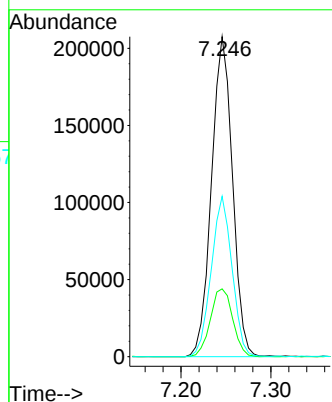
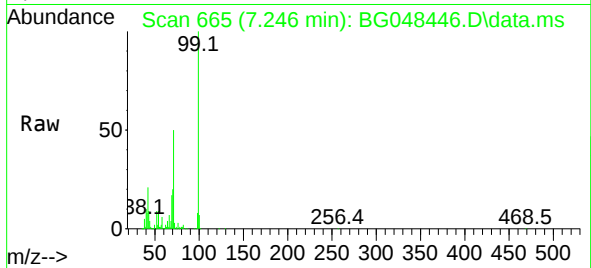




#7
Phenol-d6
Concen: 85.06 ng
RT: 7.246 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG048446.D
Acq: 22 Mar 2021 15:47

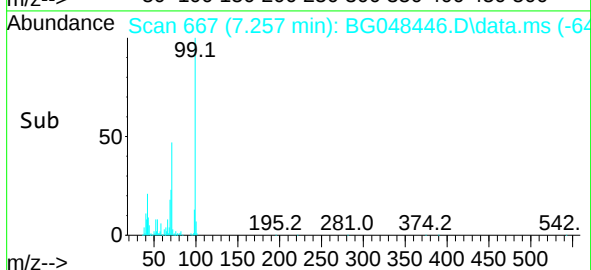
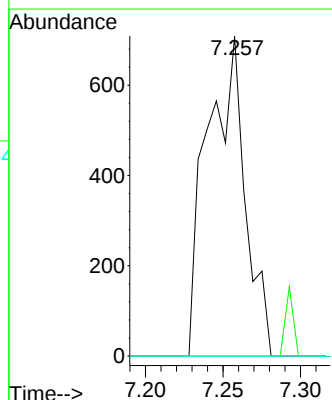
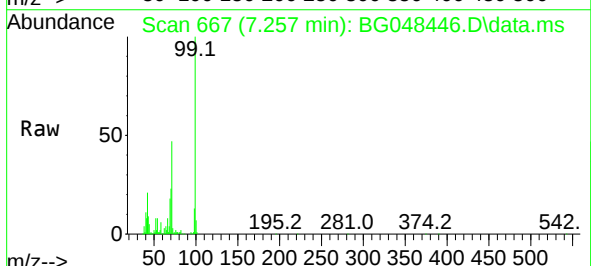
Instrument :
BNA_G
ClientSampleId :
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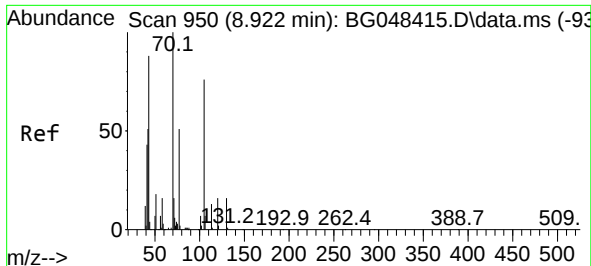
Tgt Ion: 99 Resp: 336688
Ion Ratio Lower Upper
99 100
42 21.2 12.8 19.2#
71 50.1 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.257 min Scan# 667
Delta R.T. 0.018 min
Lab File: BG048446.D
Acq: 22 Mar 2021 15:47

Tgt Ion: 77 Resp: 1200
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

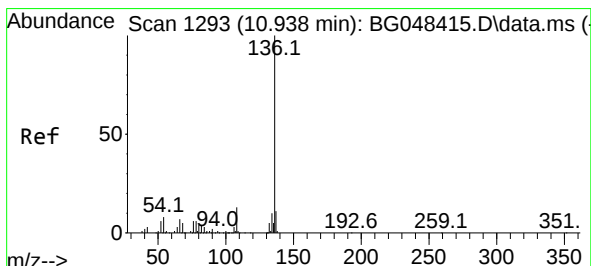
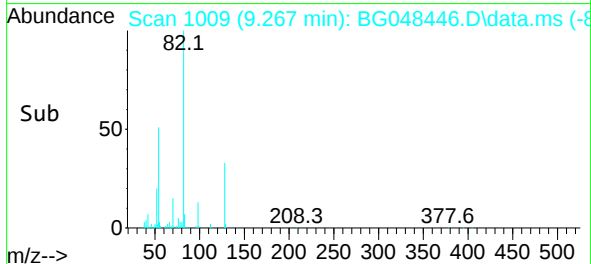
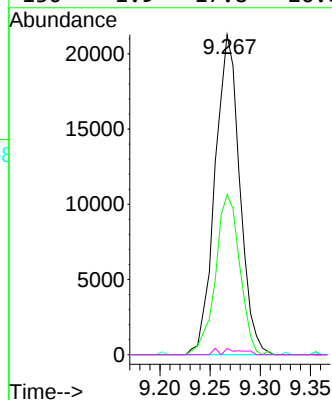
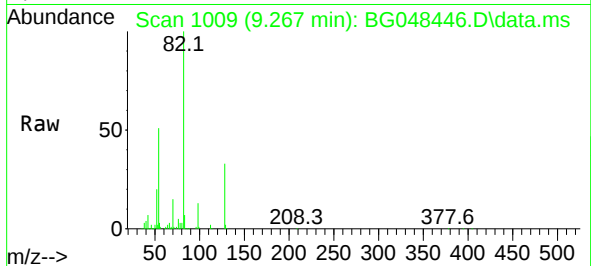




#19
n-Nitroso-di-n-propylamine
Concen: 12.38 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG048446.D
Acq: 22 Mar 2021 15:47

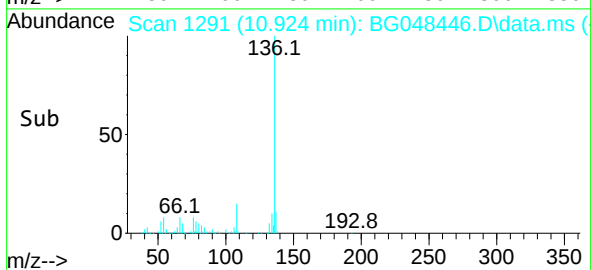
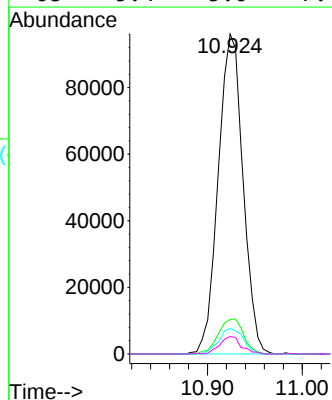
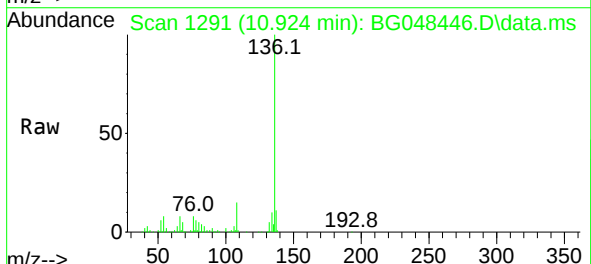
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-03

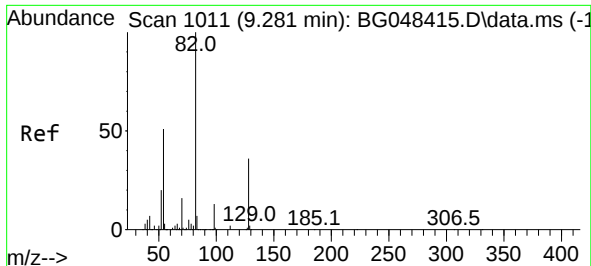
Tgt Ion: 70	Resp: 36372
Ion Ratio	Lower Upper
70 100	
42 50.1	45.6 68.4
101 0.0	8.4 12.6#
130 1.9	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BG048446.D
Acq: 22 Mar 2021 15:47

Tgt Ion: 136	Resp: 174250
Ion Ratio	Lower Upper
136 100	
137 10.8	9.1 13.7
54 7.9	6.2 9.4
68 5.4	5.0 7.4





#23

Nitrobenzene-d5

Concen: 58.74 ng

RT: 9.267 min Scan# 1009

Delta R.T. -0.005 min

Lab File: BG048446.D

Acq: 22 Mar 2021 15:47

Tgt Ion: 82 Resp: 255981

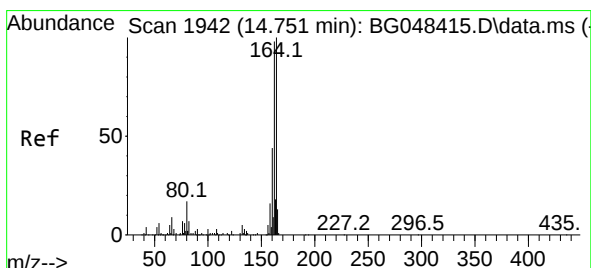
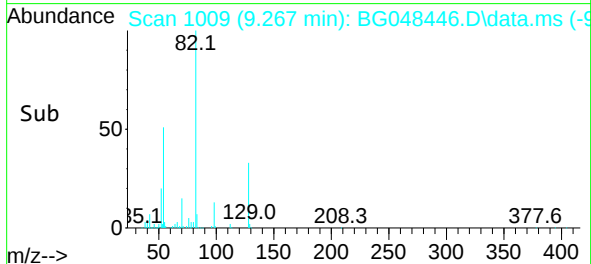
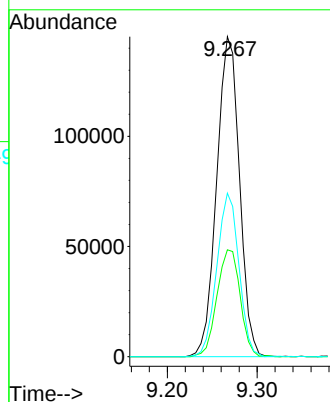
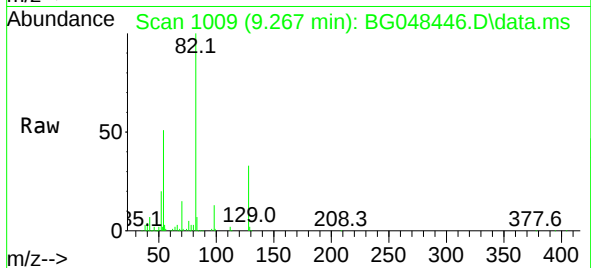
Ion	Ratio	Lower	Upper
82	100		
128	33.4	37.0	55.6#
54	51.1	39.0	58.4

Instrument :

BNA_G

ClientSampleId :

BACKFILL-ASHCROFT-REAR-03



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.743 min Scan# 1941

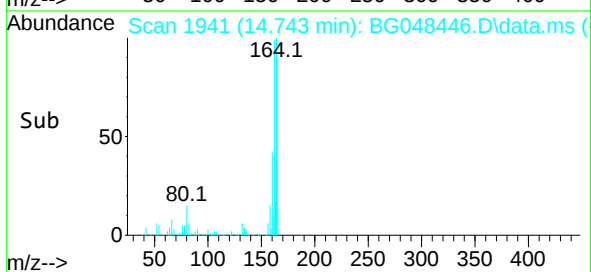
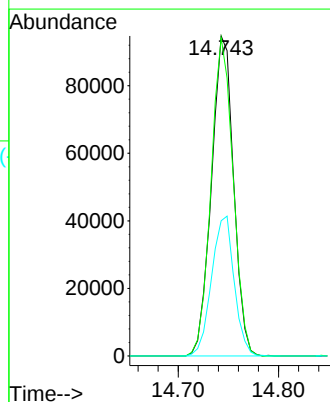
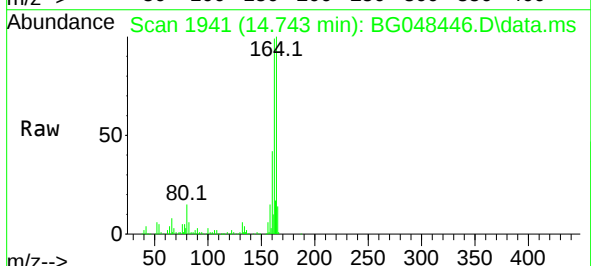
Delta R.T. -0.005 min

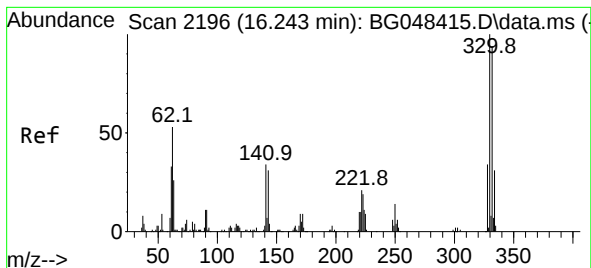
Lab File: BG048446.D

Acq: 22 Mar 2021 15:47

Tgt Ion: 164 Resp: 145015

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.3	123.5
160	42.3	35.3	52.9

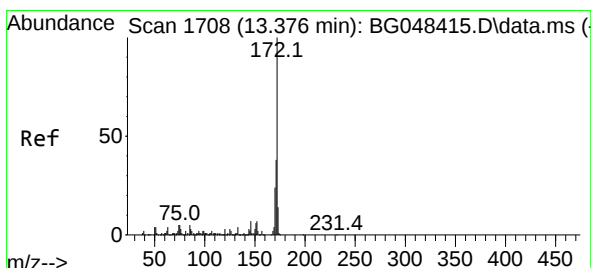
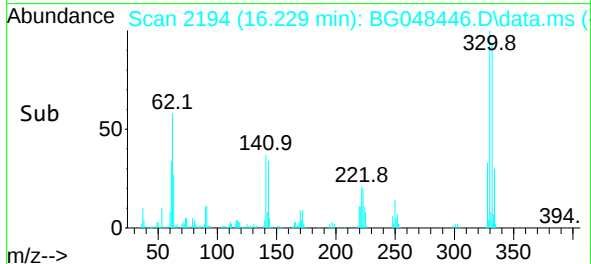
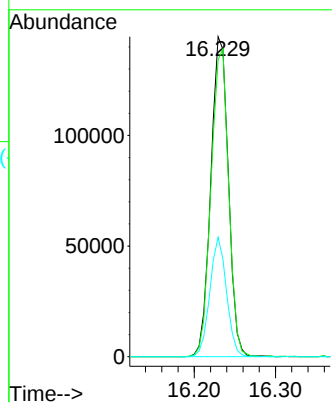
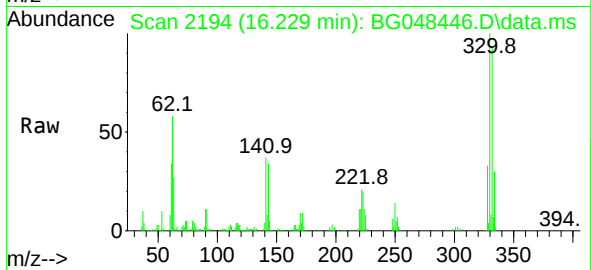




#42
2,4,6-Tribromophenol
Concen: 91.86 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG048446.D
Acq: 22 Mar 2021 15:47

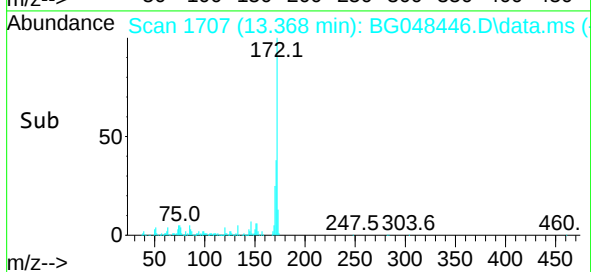
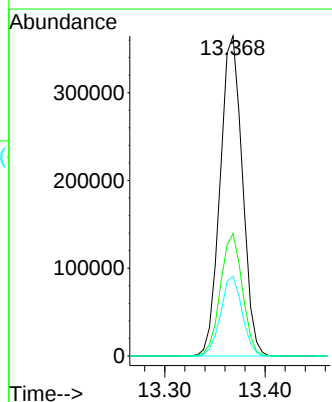
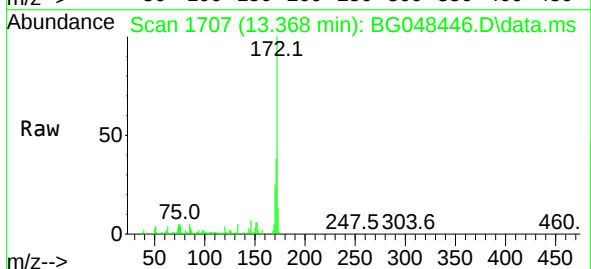
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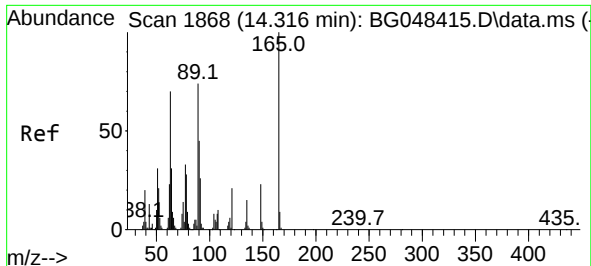
Tgt Ion:330 Resp: 216648
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 35.4 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 55.51 ng
RT: 13.368 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048446.D
Acq: 22 Mar 2021 15:47

Tgt Ion:172 Resp: 559536
Ion Ratio Lower Upper
172 100
171 38.2 31.3 46.9
170 24.9 20.8 31.2

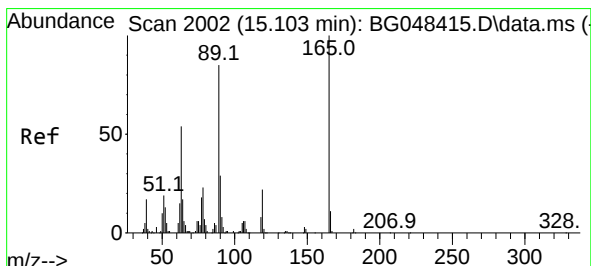
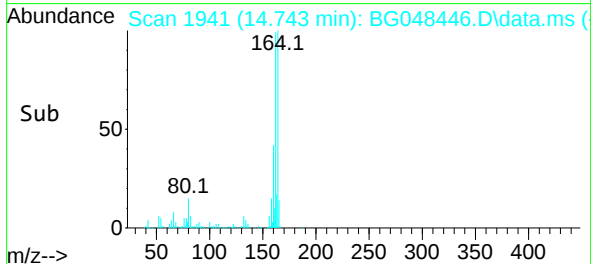
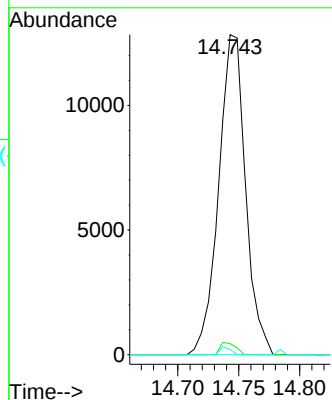
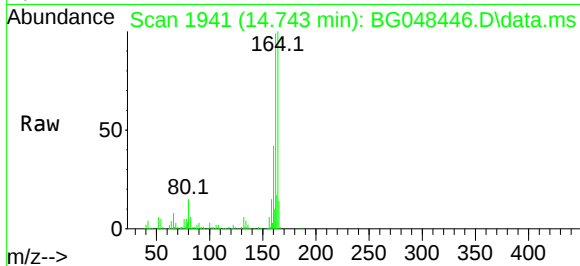




#51
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 14.743 min Scan# 1941
Delta R.T. 0.430 min
Lab File: BG048446.D
Acq: 22 Mar 2021 15:47

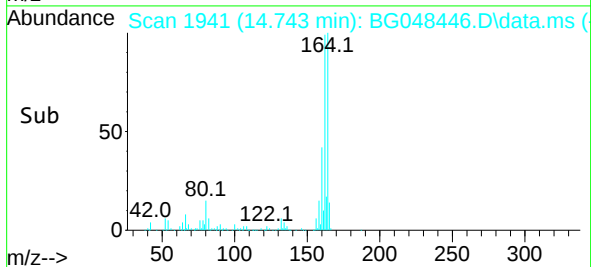
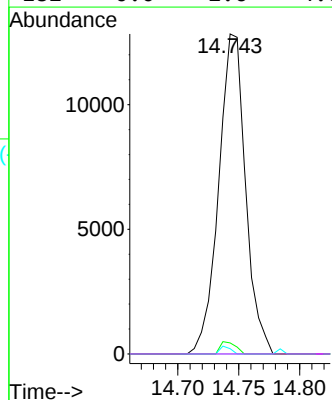
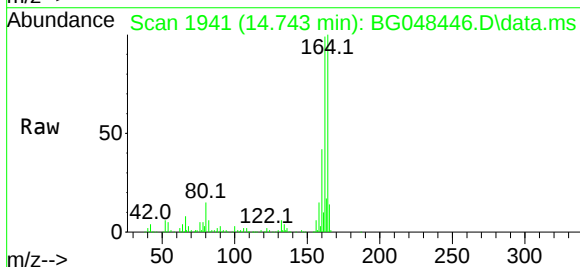
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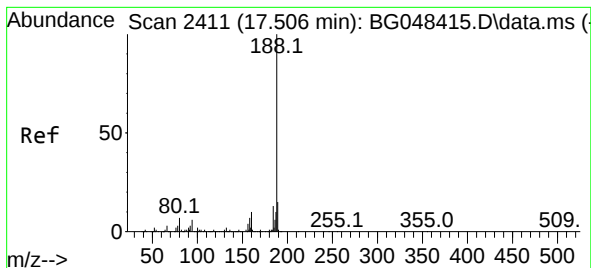
Tgt Ion:165 Resp: 19709
Ion Ratio Lower Upper
165 100
63 3.5 33.7 50.5#
89 1.6 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.46 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.358 min
Lab File: BG048446.D
Acq: 22 Mar 2021 15:47

Tgt Ion:165 Resp: 19709
Ion Ratio Lower Upper
165 100
63 3.5 26.4 39.6#
89 1.6 47.8 71.8#
182 0.0 2.6 4.0#

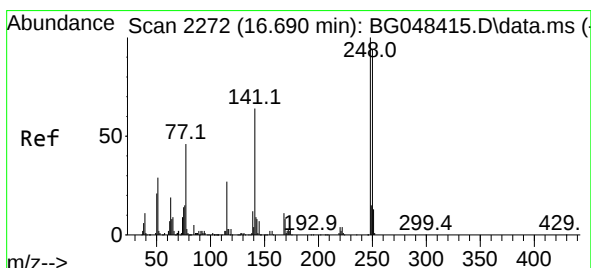
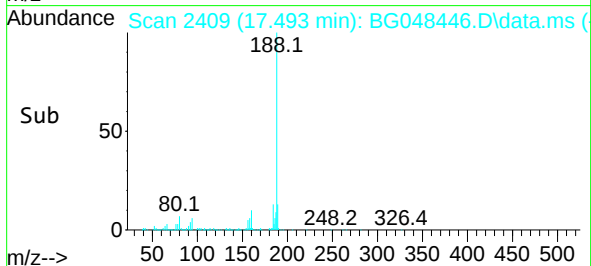
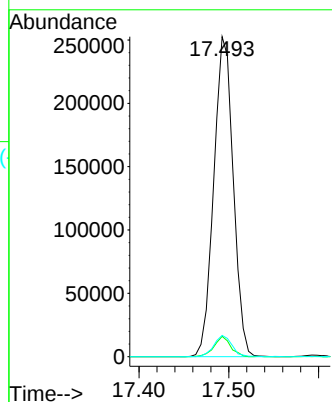
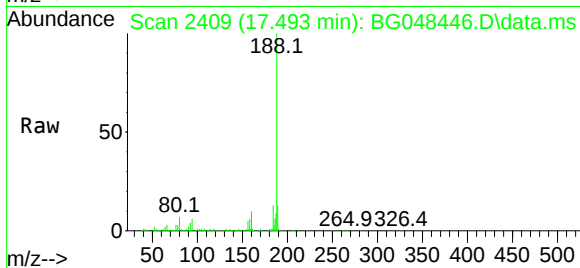




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG048446.D
Acq: 22 Mar 2021 15:47

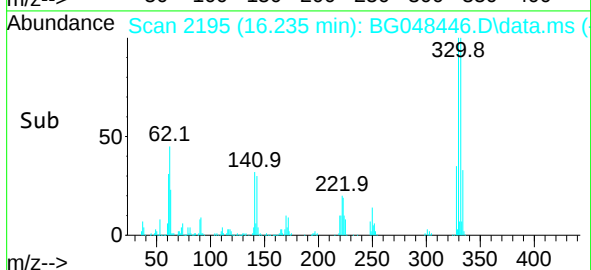
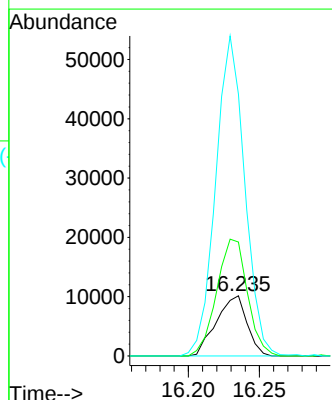
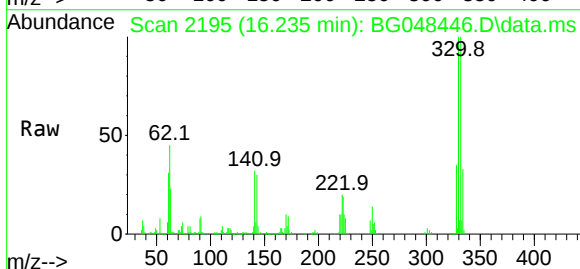
Instrument :
BNA_G
ClientSampleId :
BACKFILL-ASHCROFT-REAR-03

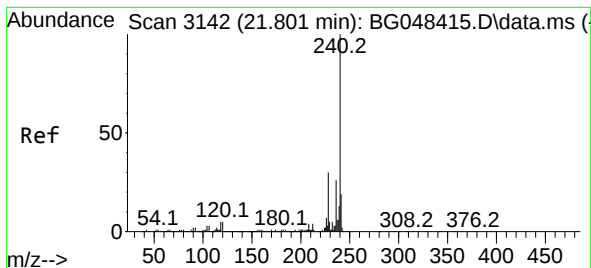
Tgt Ion:188 Resp: 380502
Ion Ratio Lower Upper
188 100
94 6.3 6.3 9.5
80 6.6 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 3.18 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.446 min
Lab File: BG048446.D
Acq: 22 Mar 2021 15:47

Tgt Ion:248 Resp: 15219
Ion Ratio Lower Upper
248 100
250 189.5 78.9 118.3#
141 435.5 46.2 69.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.788 min Scan# 3140

Delta R.T. -0.005 min

Lab File: BG048446.D

Acq: 22 Mar 2021 15:47

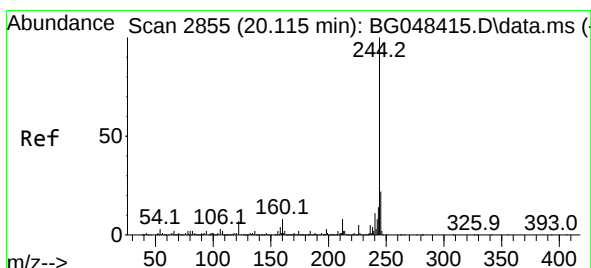
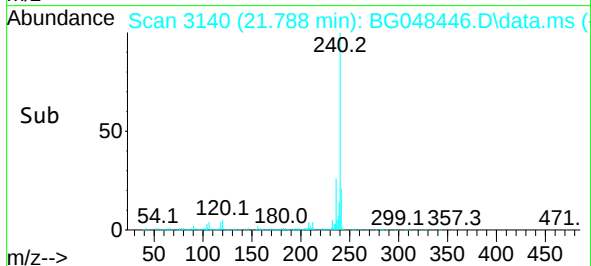
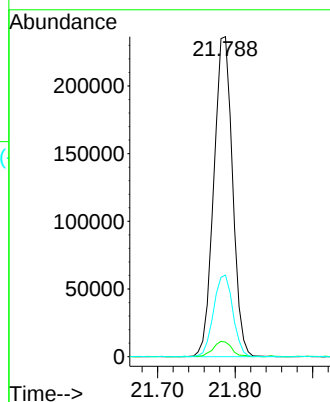
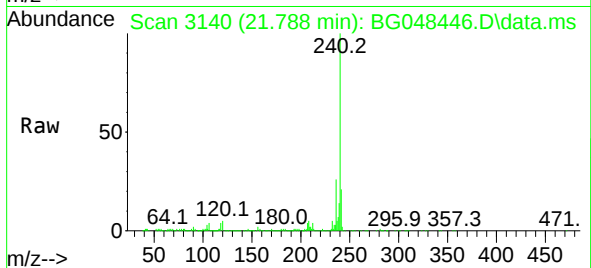
Tgt Ion:	240	Resp:	396569
Ion Ratio	Lower	Upper	
240	100		
120	4.6	6.2	9.4#
236	25.5	20.5	30.7

Instrument :

BNA_G

ClientSampleId :

BACKFILL-ASHCROFT-REAR-03



#79

Terphenyl-d14

Concen: 56.17 ng

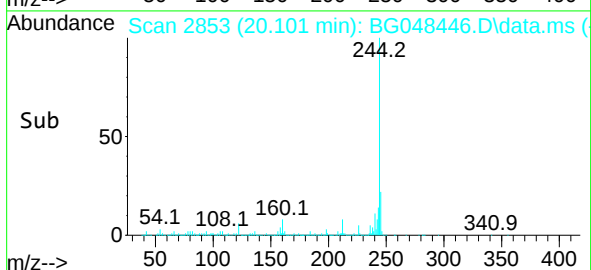
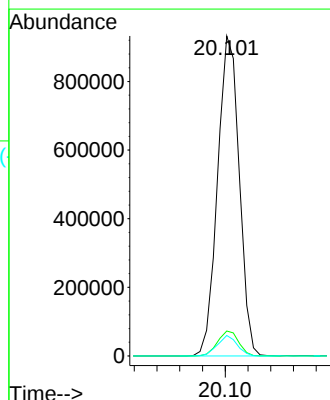
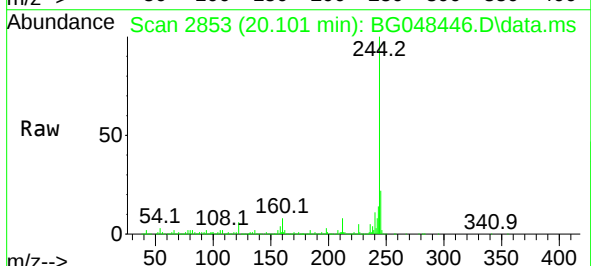
RT: 20.101 min Scan# 2853

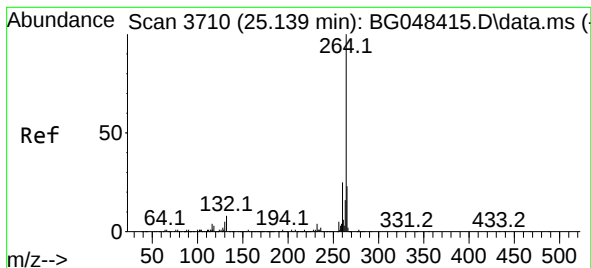
Delta R.T. -0.005 min

Lab File: BG048446.D

Acq: 22 Mar 2021 15:47

Tgt Ion:	244	Resp:	1235132
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.7	10.1
122	6.4	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: BG048446.D

Acq: 22 Mar 2021 15:47

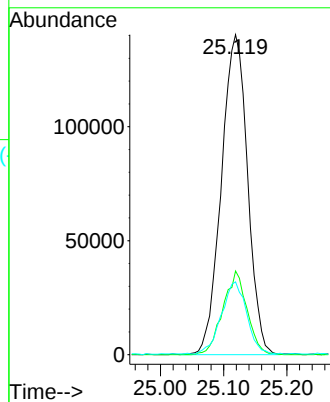
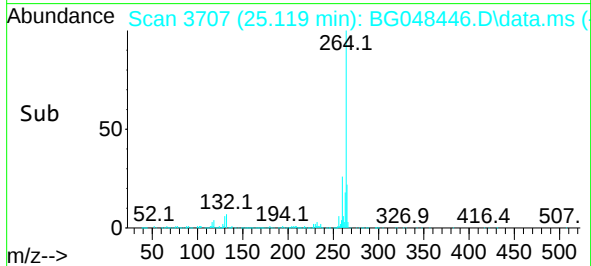
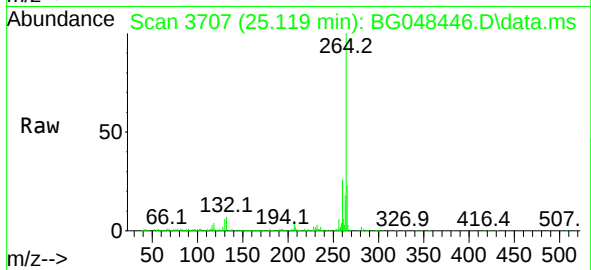
Tgt Ion:264 Resp: 404330

Ion Ratio Lower Upper

264 100

260 26.1 18.8 28.2

265 22.7 17.8 26.8



Instrument :

BNA_G

ClientSampleId :

BACKFILL-ASHCROFT-REAR-03