

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048437.D
 Acq On : 19 Mar 2021 23:49
 Operator : CG/JU
 Sample : M1721-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-031821

Quant Time: Mar 20 00:26:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 16:38:55 2021
 Response via : Initial Calibration

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

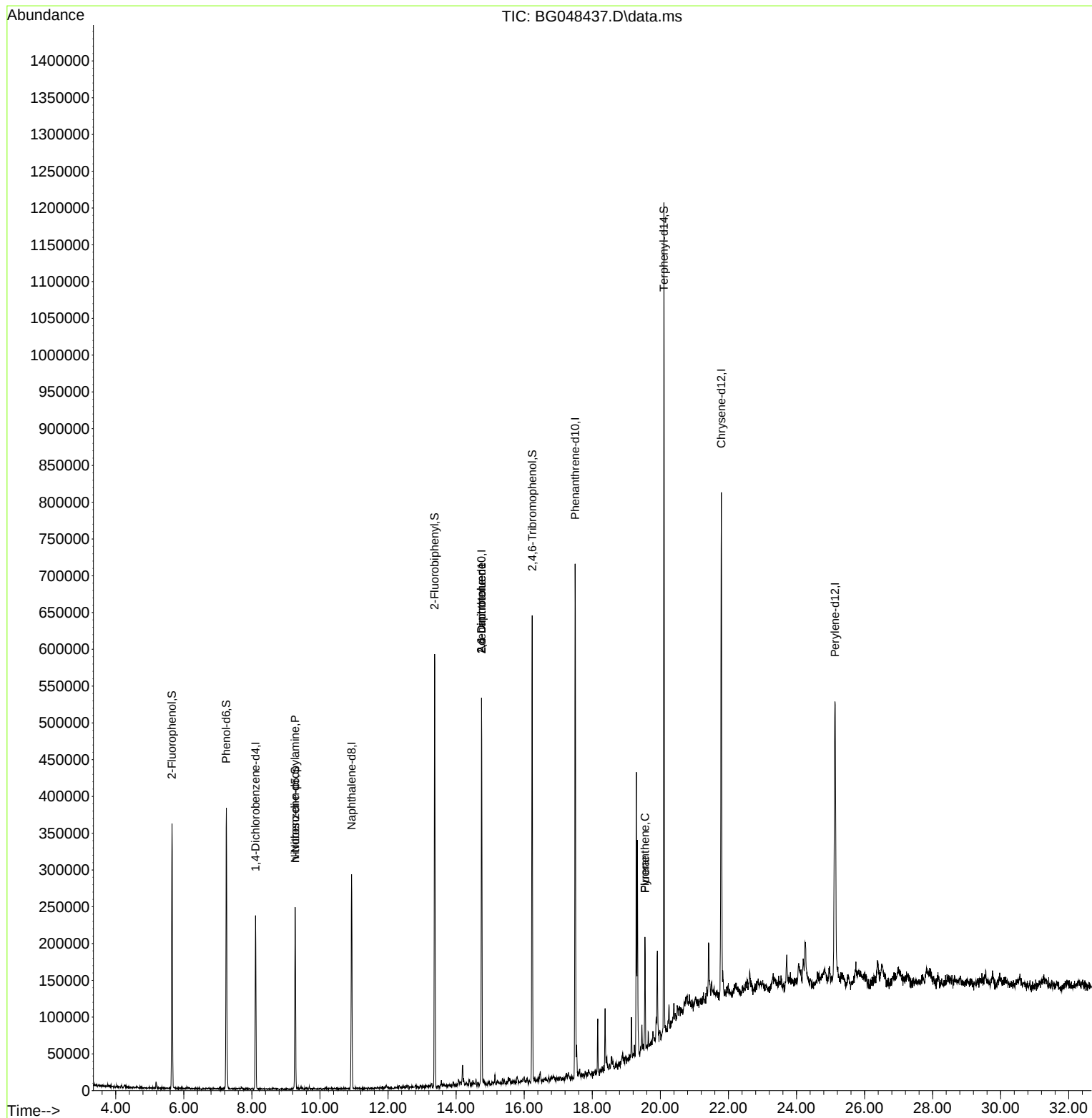
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	60456	20.00	ng	0.00
21) Naphthalene-d8	10.929	136	227884	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	186287	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	434667	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	434569	20.00	ng	# 0.00
86) Perylene-d12	25.130	264	448364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	135947	37.19	ng	0.00
7) Phenol-d6	7.251	99	187543	35.25	ng	0.00
23) Nitrobenzene-d5	9.272	82	144255	25.31	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	113440	37.44	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	298386	23.04	ng	0.00
79) Terphenyl-d14	20.107	244	513644	21.32	ng	0.00
Target Compounds						
9) Benzaldehyde	7.251	77	809	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.272	70	20794	5.27	ng	# 84
51) 2,6-Dinitrotoluene	14.748	165	23332	7.15	ng	# 34
57) 2,4-Dinitrotoluene	14.748	165	23332	5.04	ng	# 33
75) Fluoranthene	19.548	202	90214	2.95	ng	92
78) Pyrene	19.548	202	90214	3.02	ng	93

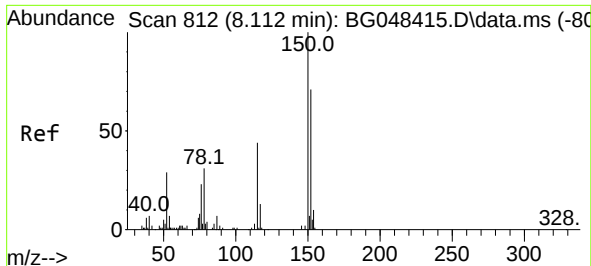
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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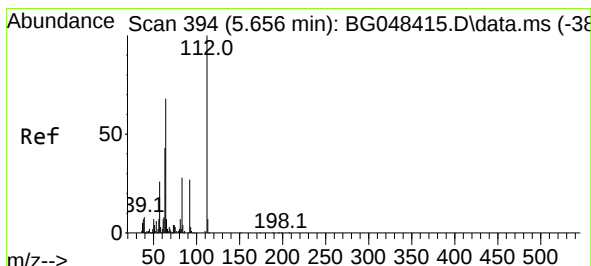
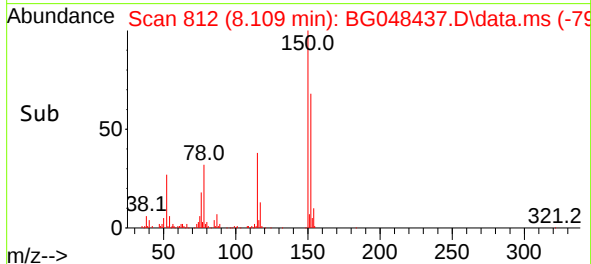
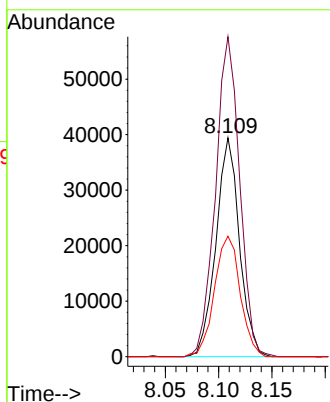
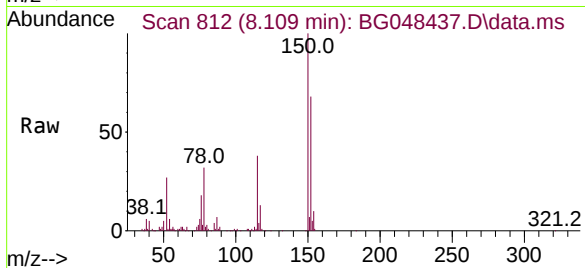




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

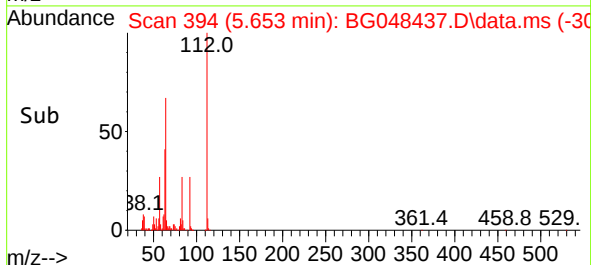
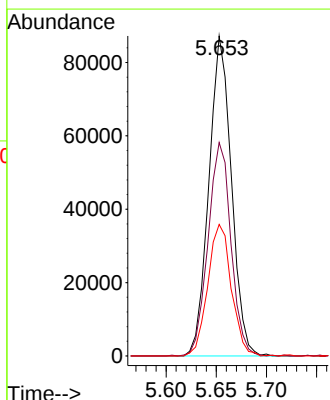
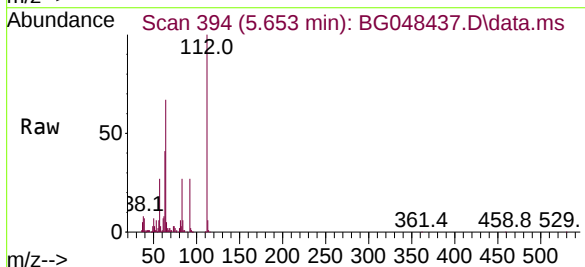
Instrument :
BNA_G
ClientSampleId :
TR-08-031821

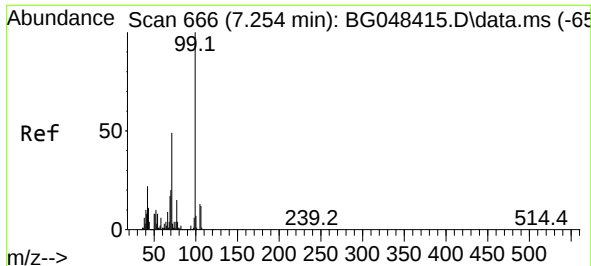
Tgt Ion:152 Resp: 60456
Ion Ratio Lower Upper
152 100
150 146.2 125.0 187.6
115 55.1 41.8 62.6



#5
2-Fluorophenol
Concen: 37.19 ng
RT: 5.653 min Scan# 394
Delta R.T. -0.003 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

Tgt Ion:112 Resp: 135947
Ion Ratio Lower Upper
112 100
64 66.7 46.7 70.1
63 41.1 22.8 34.2#

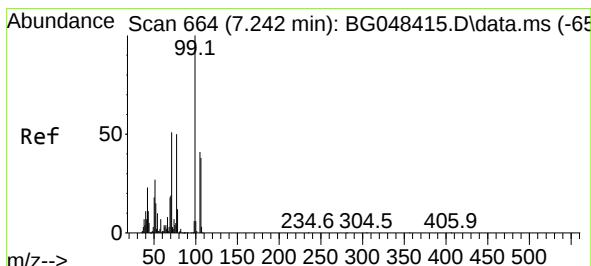
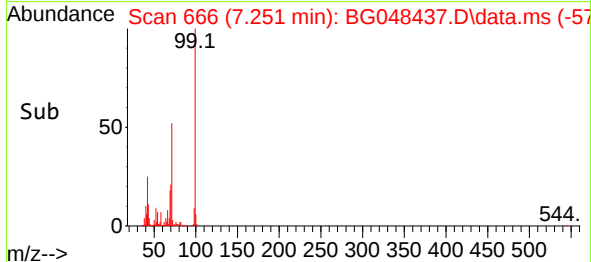
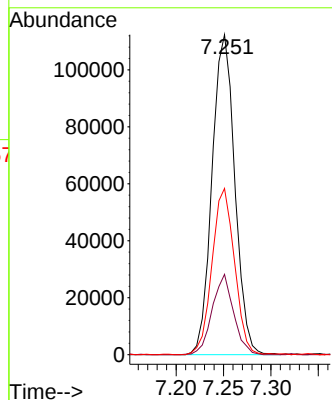
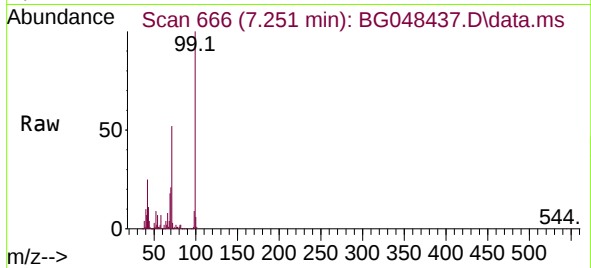




#7
Phenol-d6
Concen: 35.25 ng
RT: 7.251 min Scan# 666
Delta R.T. -0.003 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

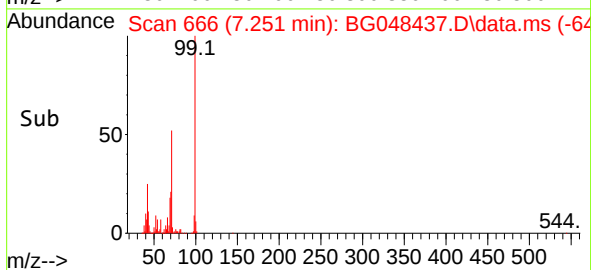
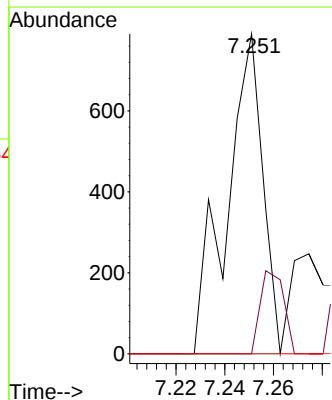
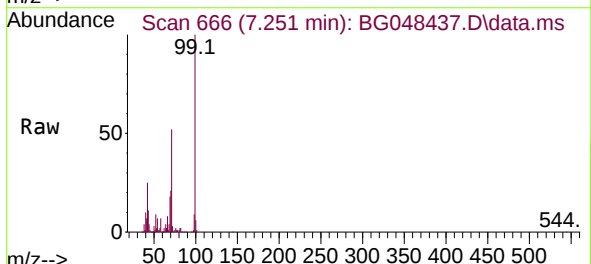
Instrument :
BNA_G
ClientSampleId :
TR-08-031821

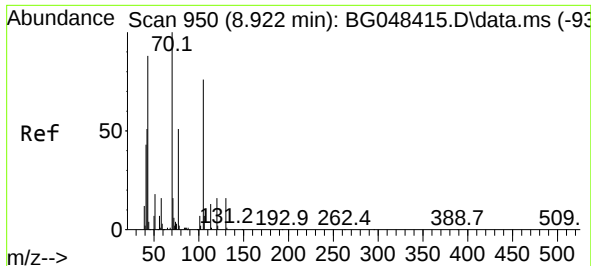
Tgt Ion: 99 Resp: 187543
Ion Ratio Lower Upper
99 100
42 25.1 12.8 19.2#
71 52.0 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.251 min Scan# 666
Delta R.T. 0.009 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

Tgt Ion: 77 Resp: 809
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

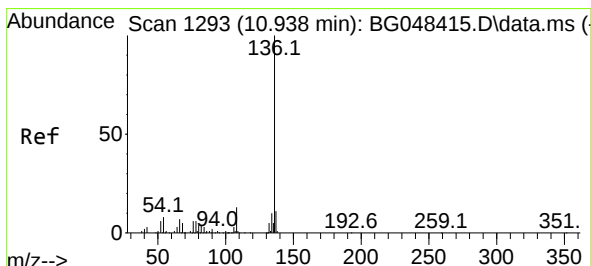
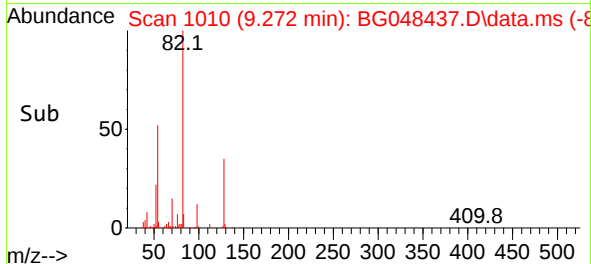
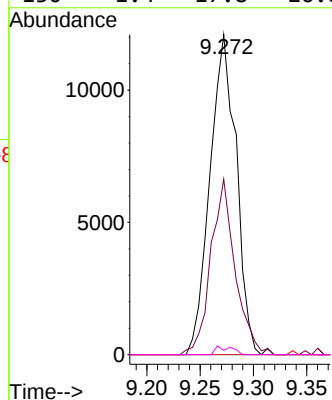
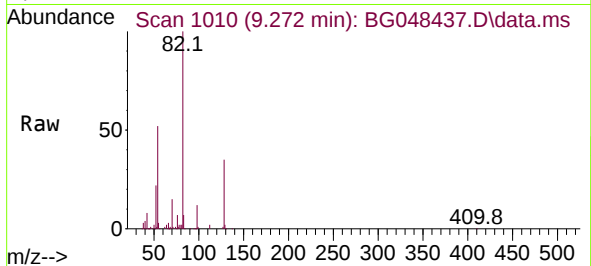




#19
n-Nitroso-di-n-propylamine
Concen: 5.27 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.350 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

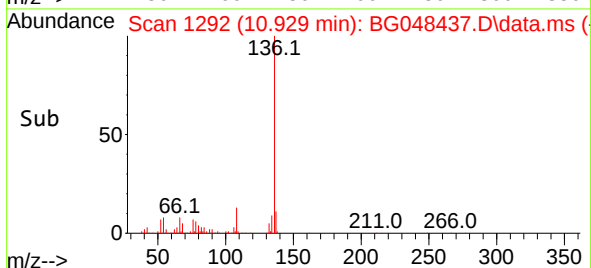
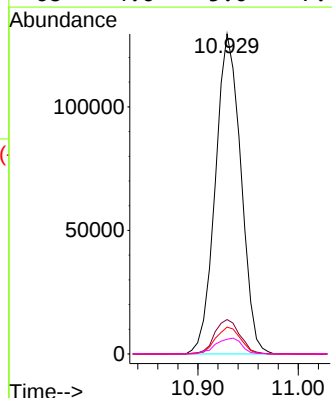
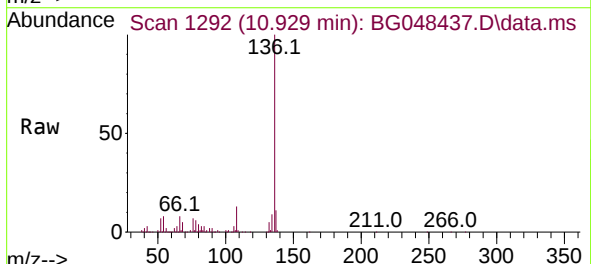
Instrument :
BNA_G
ClientSampleId :
TR-08-031821

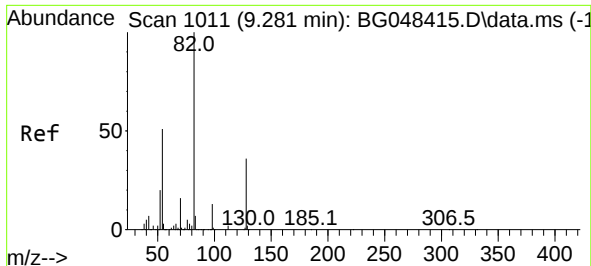
Tgt Ion:	70	Resp:	20794
Ion	Ratio	Lower	Upper
70	100		
42	54.9	45.6	68.4
101	0.0	8.4	12.6#
130	1.4	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1292
Delta R.T. -0.009 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

Tgt Ion:	136	Resp:	227884
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.4	6.2	9.4
68	4.6	5.0	7.4#

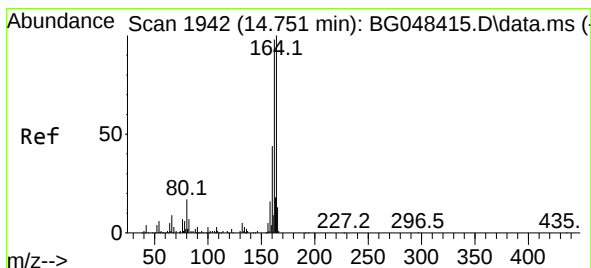
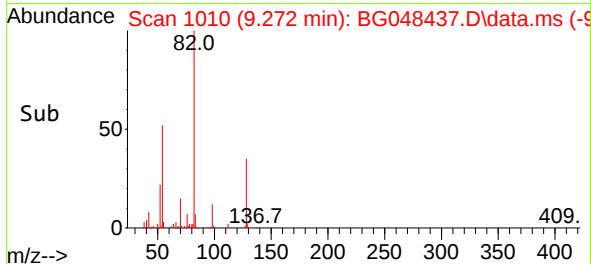
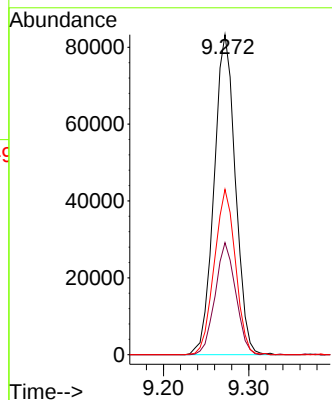
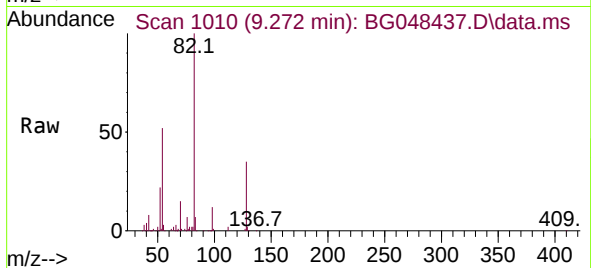




#23
Nitrobenzene-d5
Concen: 25.31 ng
RT: 9.272 min Scan# 1010
Delta R.T. -0.009 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

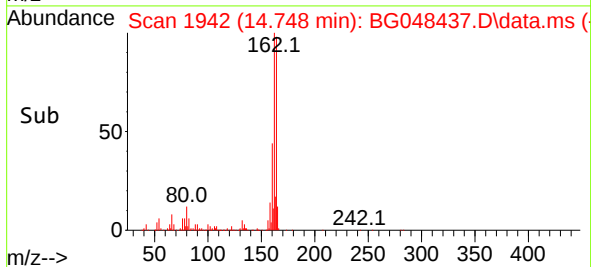
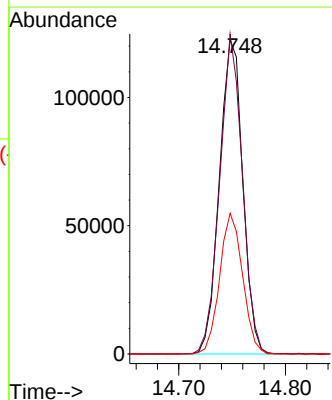
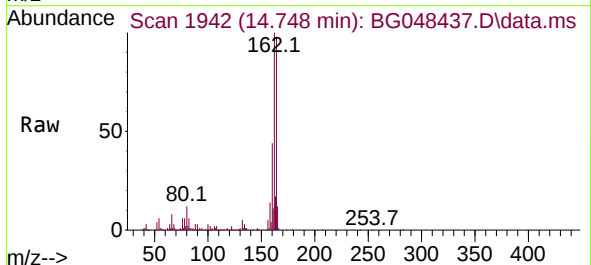
Instrument :
BNA_G
ClientSampleId :
TR-08-031821

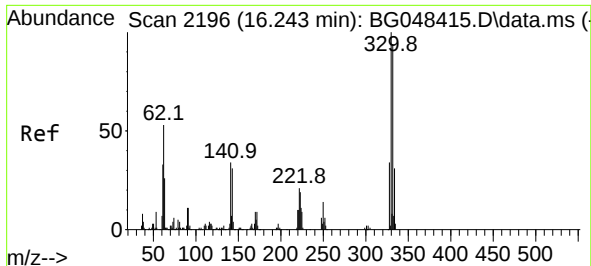
Tgt Ion: 82 Resp: 144255
Ion Ratio Lower Upper
82 100
128 35.0 37.0 55.6#
54 51.6 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

Tgt Ion:164 Resp: 186287
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 44.8 35.3 52.9

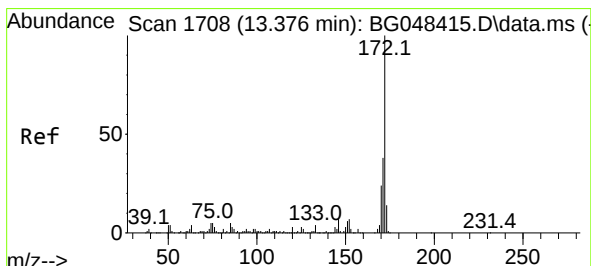
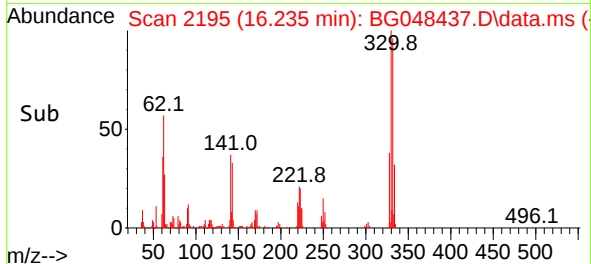
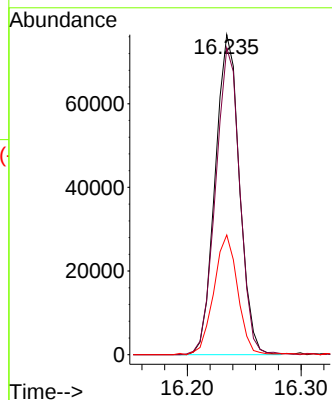
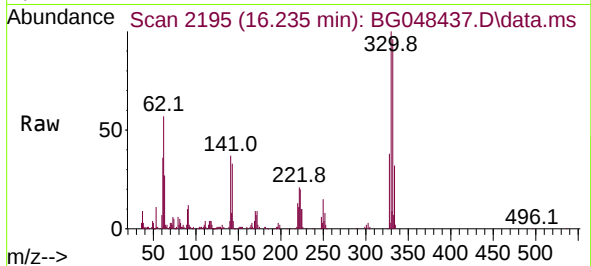




#42
2,4,6-Tribromophenol
Concen: 37.44 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

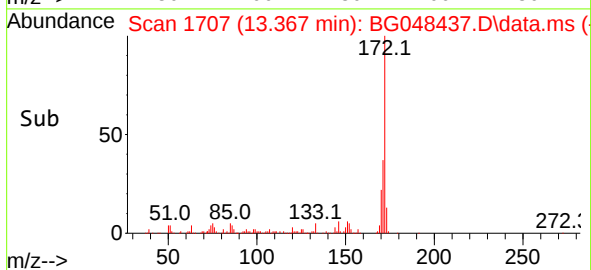
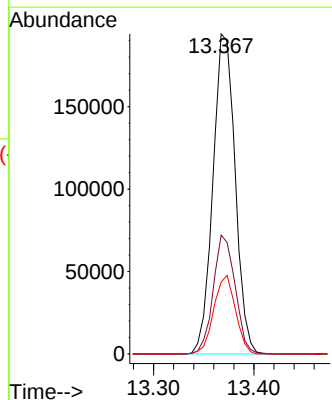
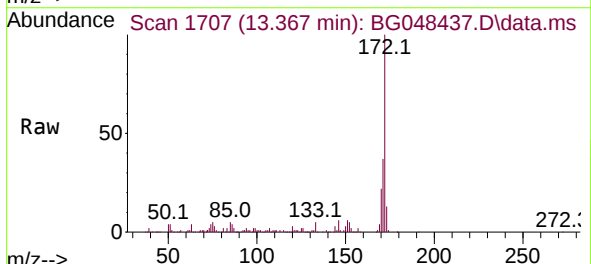
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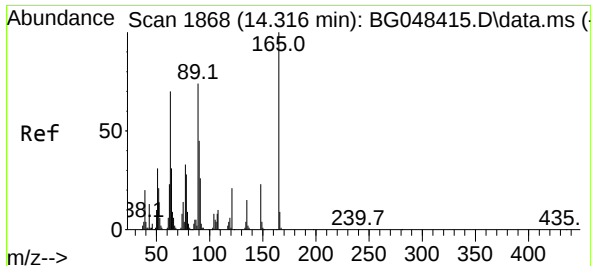
Tgt Ion:330 Resp: 113440
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 36.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 23.04 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.009 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

Tgt Ion:172 Resp: 298386
Ion Ratio Lower Upper
172 100
171 37.2 31.3 46.9
170 22.5 20.8 31.2

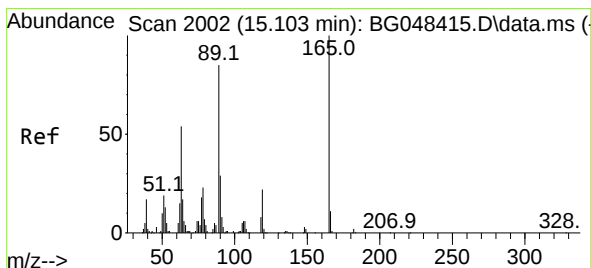
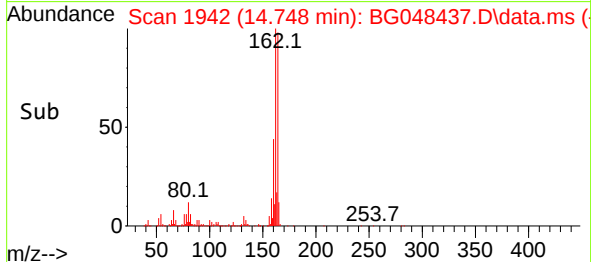
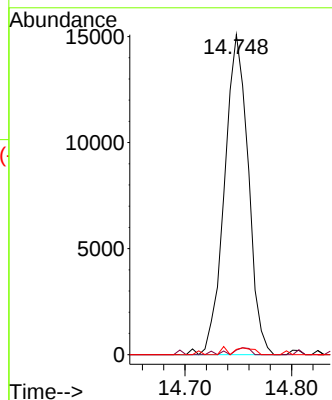
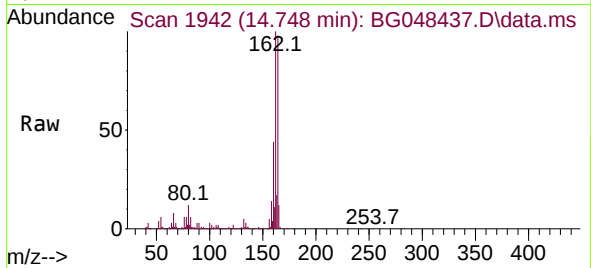




#51
2,6-Dinitrotoluene
Concen: 7.15 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.432 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

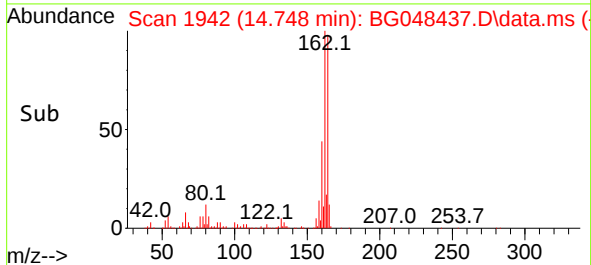
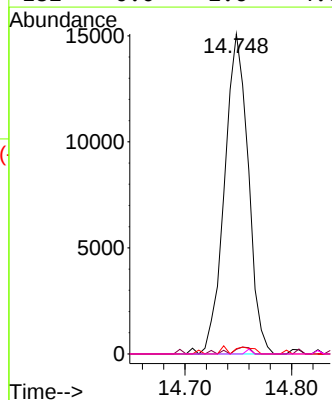
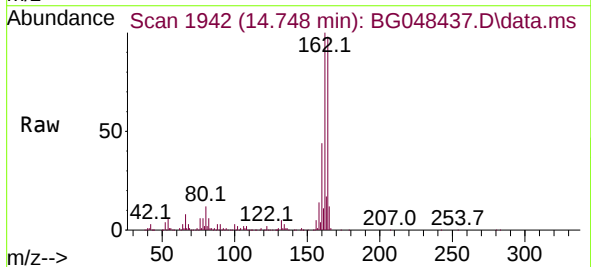
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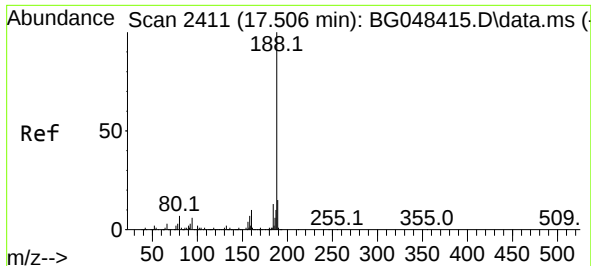
Tgt Ion:165 Resp: 23332
Ion Ratio Lower Upper
165 100
63 1.5 33.7 50.5#
89 1.7 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.04 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.355 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

Tgt Ion:165 Resp: 23332
Ion Ratio Lower Upper
165 100
63 1.5 26.4 39.6#
89 1.7 47.8 71.8#
182 0.0 2.6 4.0#

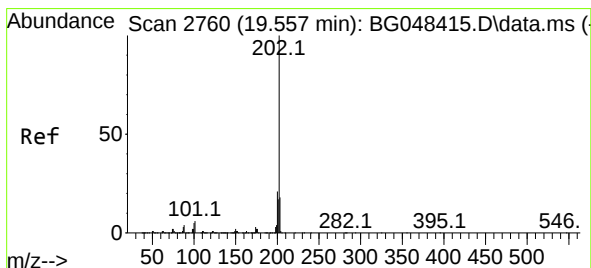
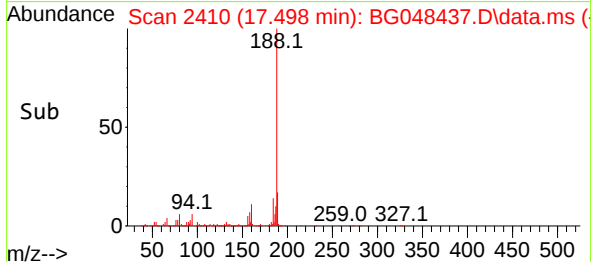
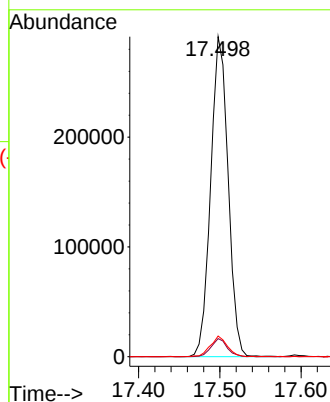
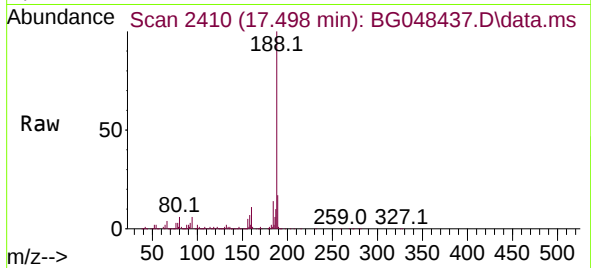




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

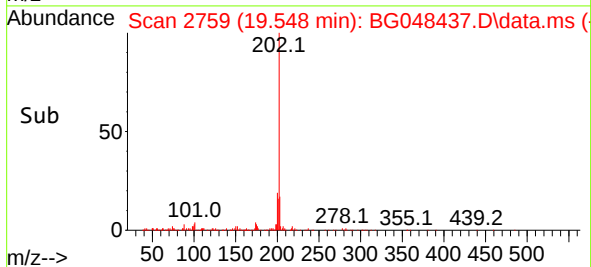
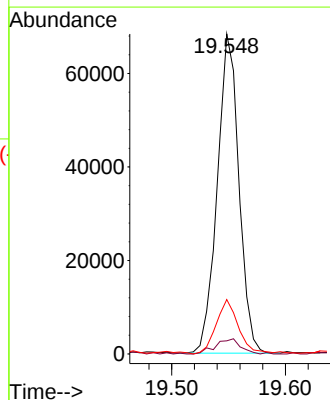
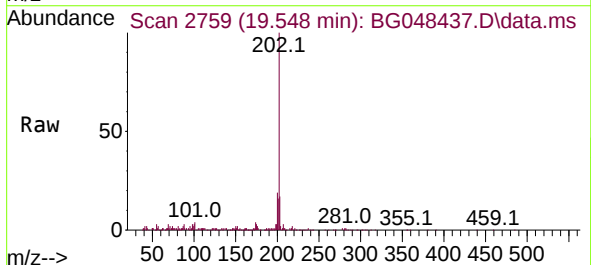
Instrument :
BNA_G
ClientSampleId :
TR-08-031821

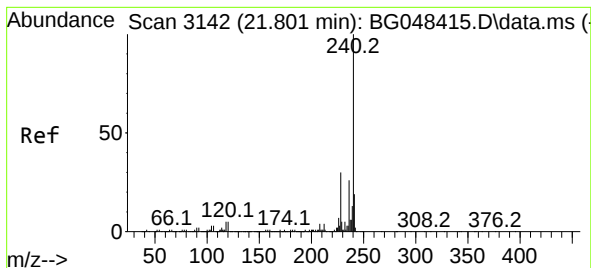
Tgt Ion:188 Resp: 434667
Ion Ratio Lower Upper
188 100
94 5.6 6.3 9.5#
80 6.5 7.0 10.6#



#75
Fluoranthene
Concen: 2.95 ng
RT: 19.548 min Scan# 2759
Delta R.T. -0.009 min
Lab File: BG048437.D
Acq: 19 Mar 2021 23:49

Tgt Ion:202 Resp: 90214
Ion Ratio Lower Upper
202 100
101 4.1 0.0 29.7
203 17.0 0.0 39.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.793 min Scan# 3141

Delta R.T. -0.009 min

Lab File: BG048437.D

Acq: 19 Mar 2021 23:49

Tgt Ion:240 Resp: 434569

Ion Ratio Lower Upper

240 100

120 4.1 6.2 9.4#

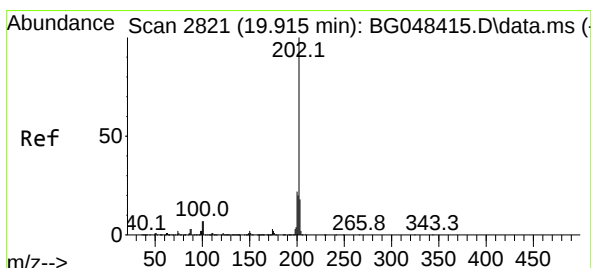
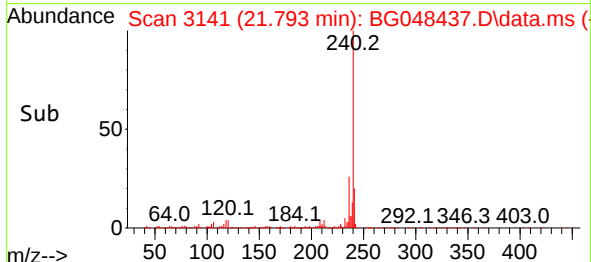
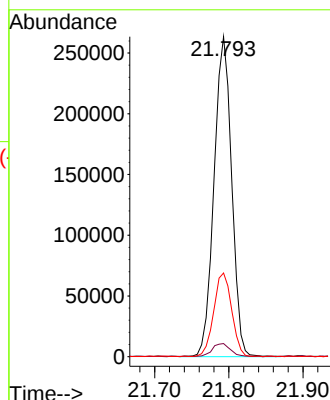
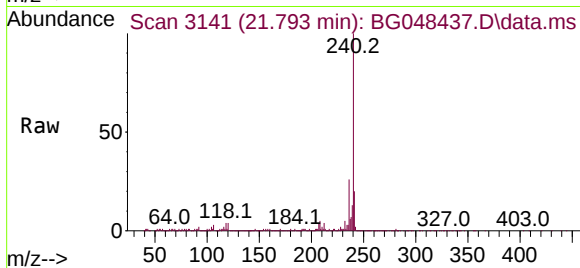
236 26.2 20.5 30.7

Instrument :

BNA_G

ClientSampleId :

TR-08-031821



#78

Pyrene

Concen: 3.02 ng

RT: 19.548 min Scan# 2759

Delta R.T. -0.367 min

Lab File: BG048437.D

Acq: 19 Mar 2021 23:49

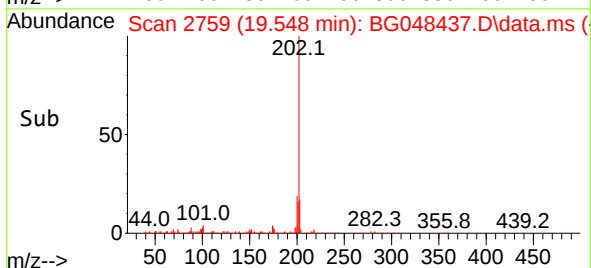
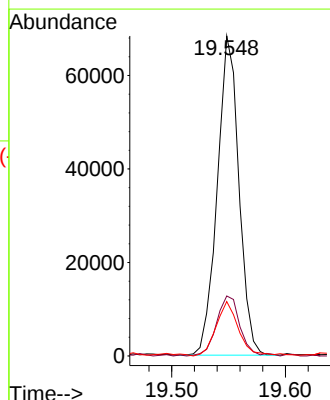
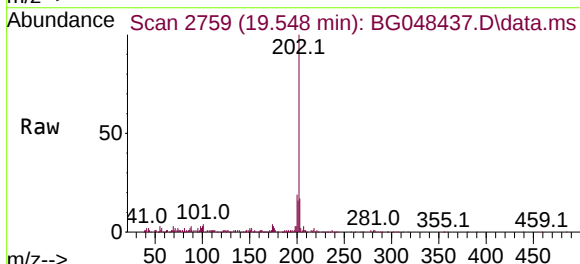
Tgt Ion:202 Resp: 90214

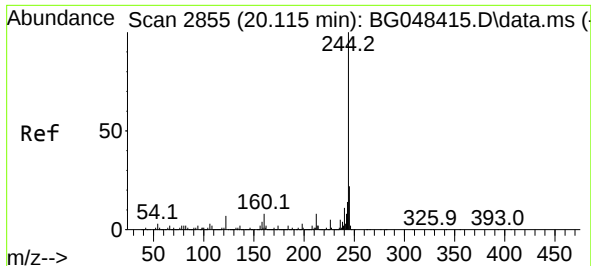
Ion Ratio Lower Upper

202 100

200 18.7 18.6 27.8

203 17.0 15.3 22.9

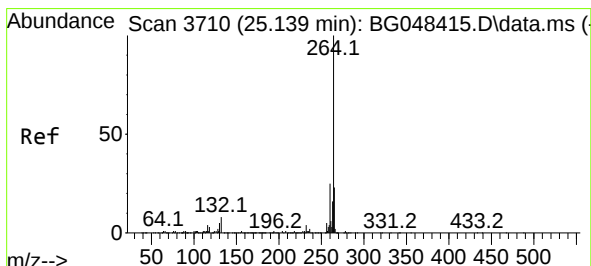
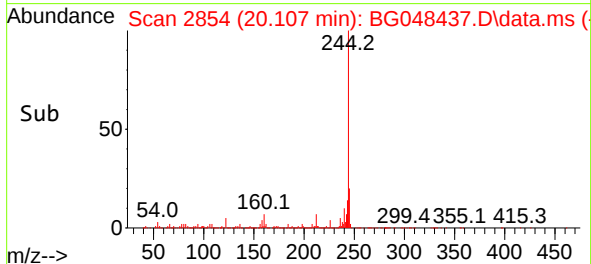
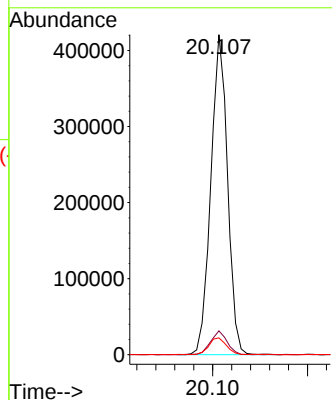
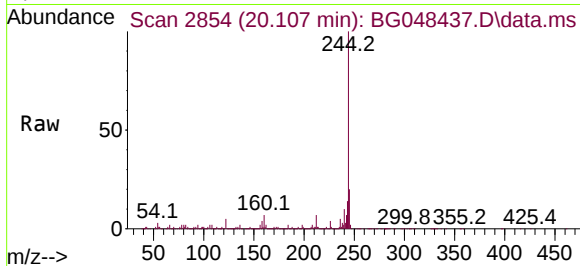




#79
 Terphenyl-d14
 Concen: 21.32 ng
 RT: 20.107 min Scan# 2854
 Delta R.T. -0.009 min
 Lab File: BG048437.D
 Acq: 19 Mar 2021 23:49

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-031821

Tgt Ion:244 Resp: 513644
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.7 10.1
 122 5.3 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.130 min Scan# 3709
 Delta R.T. -0.009 min
 Lab File: BG048437.D
 Acq: 19 Mar 2021 23:49

Tgt Ion:264 Resp: 448364
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.8 28.2
 265 21.1 17.8 26.8

