

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048428.D
 Acq On : 19 Mar 2021 17:45
 Operator : CG/JU
 Sample : M1732-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1B-(2.5-3.0)

Quant Time: Mar 19 18:21:31 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)

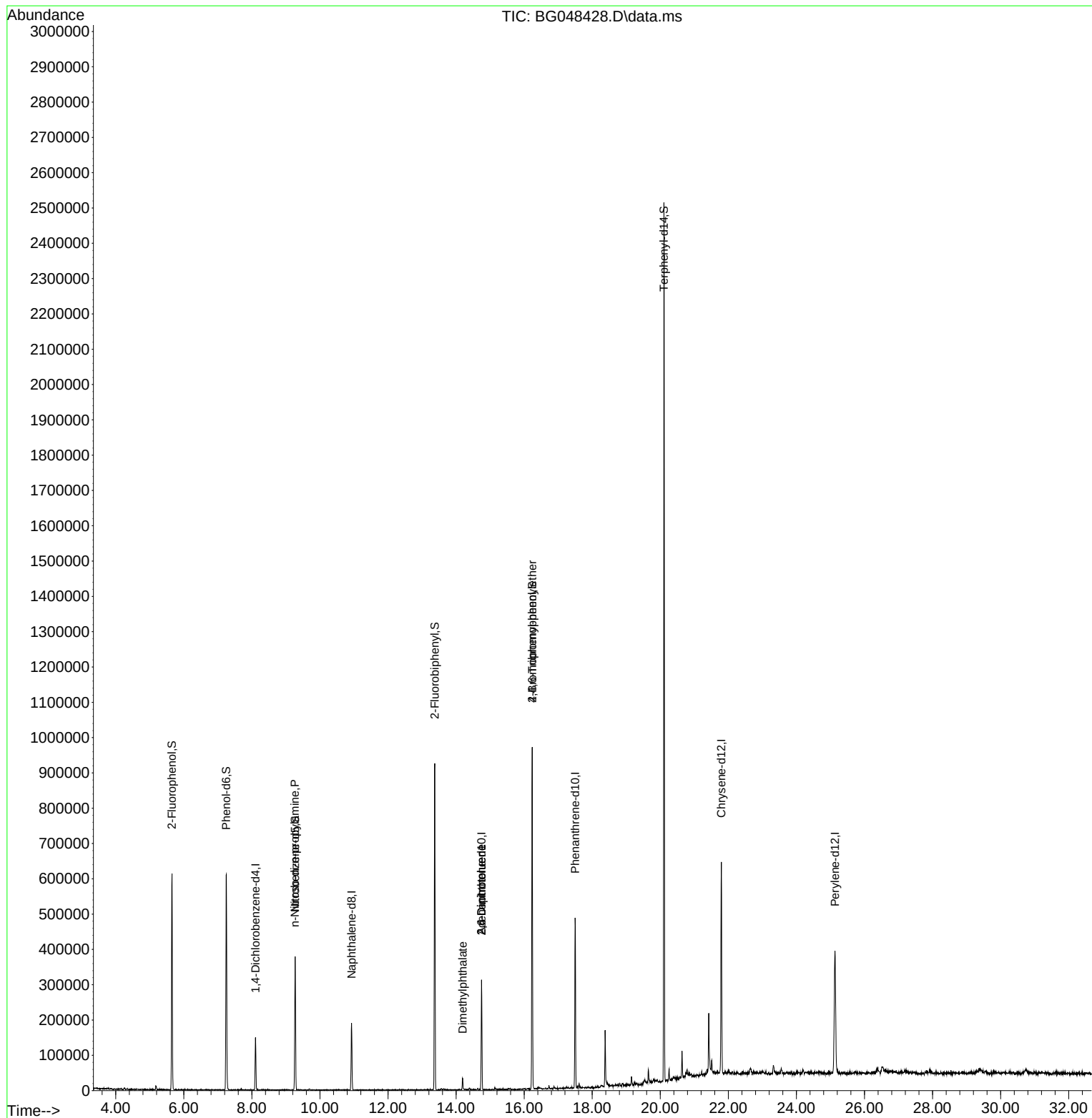
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	37485	20.00	ng	0.00
21) Naphthalene-d8	10.930	136	148960	20.00	ng	0.00
39) Acenaphthene-d10	14.749	164	109666	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	312348	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	384629	20.00	ng	# 0.00
86) Perylene-d12	25.131	264	392046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	228324	100.73	ng	0.00
7) Phenol-d6	7.251	99	306758	93.00	ng	0.00
23) Nitrobenzene-d5	9.273	82	226539	60.81	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	179996	100.92	ng	0.00
45) 2-Fluorobiphenyl	13.374	172	476593	62.52	ng	0.00
79) Terphenyl-d14	20.107	244	1160918	54.43	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.251	77	995	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.267	70	33195	13.56	ng	# 79
50) Dimethylphthalate	14.190	163	19472	2.18	ng	# 96
51) 2,6-Dinitrotoluene	14.749	165	15320	7.98	ng	# 33
57) 2,4-Dinitrotoluene	14.749	165	15320	5.62	ng	# 31
67) 4-Bromophenyl-phenylether	16.235	248	12121	3.08	ng	# 1

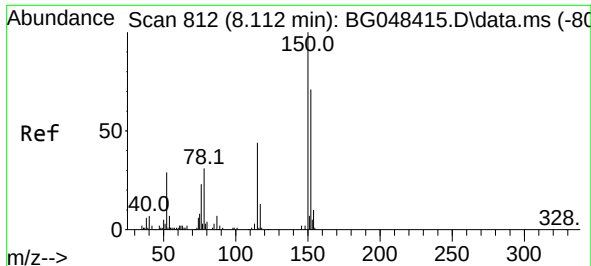
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 16:38:55 2021
Response via : Initial Calibration

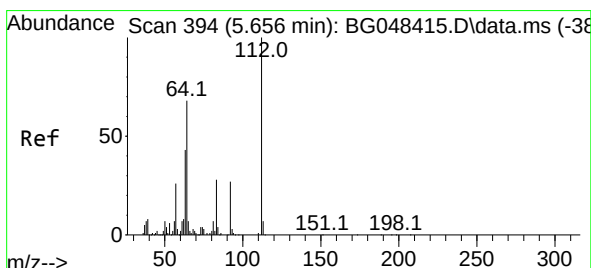
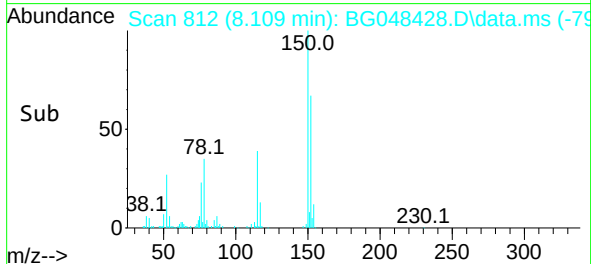
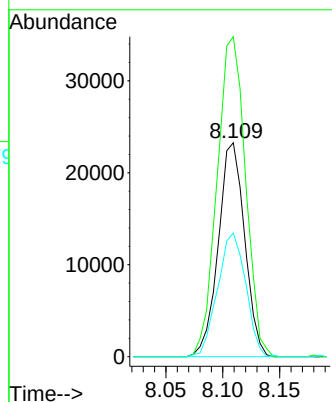
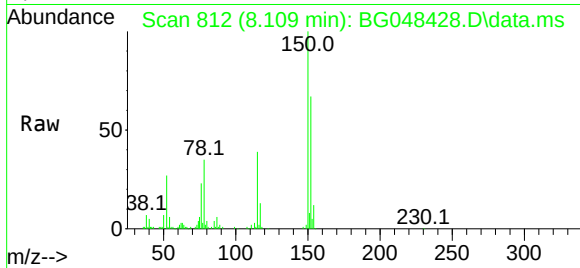




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

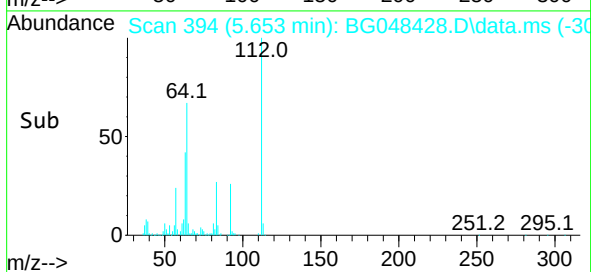
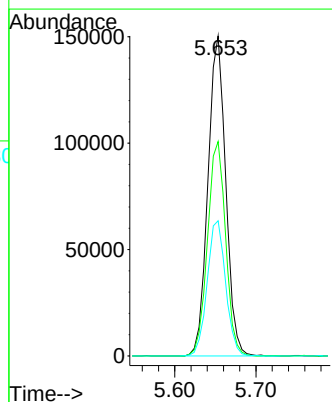
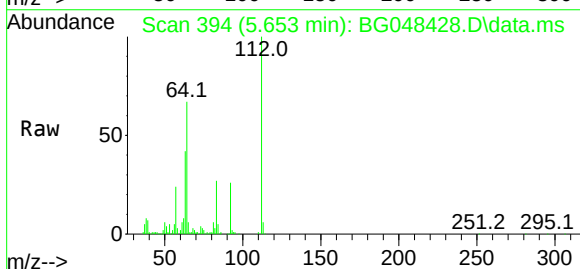
Instrument :
BNA_G
ClientSampleId :
SB-1B-(2.5-3.0)

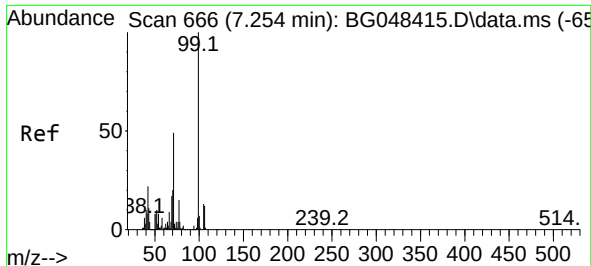
Tgt Ion:152 Resp: 37485
Ion Ratio Lower Upper
152 100
150 149.6 125.0 187.6
115 57.8 41.8 62.6



#5
2-Fluorophenol
Concen: 100.73 ng
RT: 5.653 min Scan# 394
Delta R.T. -0.002 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

Tgt Ion:112 Resp: 228324
Ion Ratio Lower Upper
112 100
64 67.0 46.7 70.1
63 42.3 22.8 34.2#

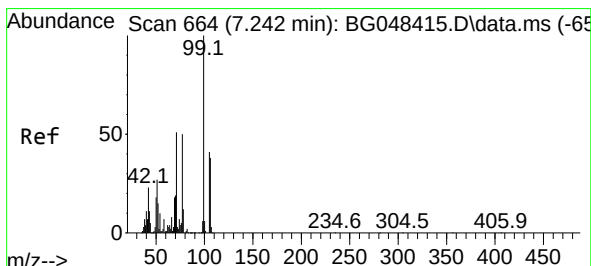
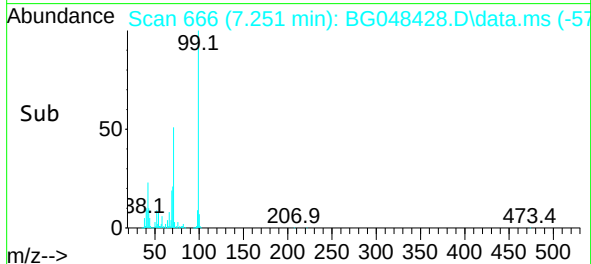
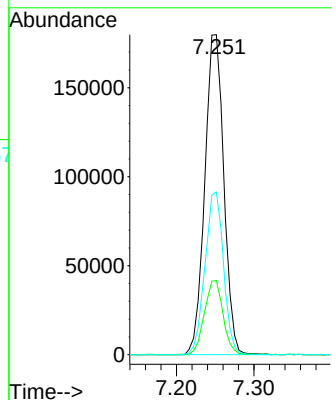
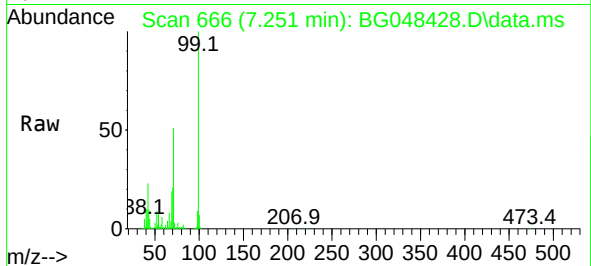




#7
Phenol-d6
Concen: 93.00 ng
RT: 7.251 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

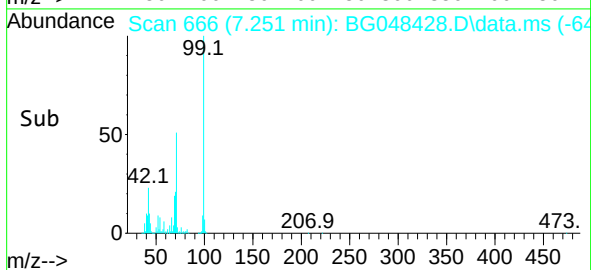
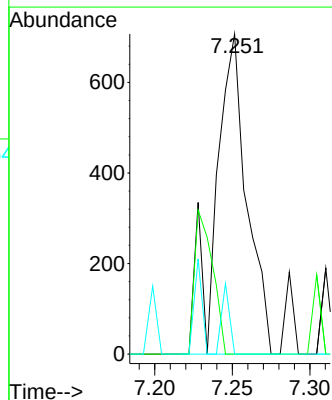
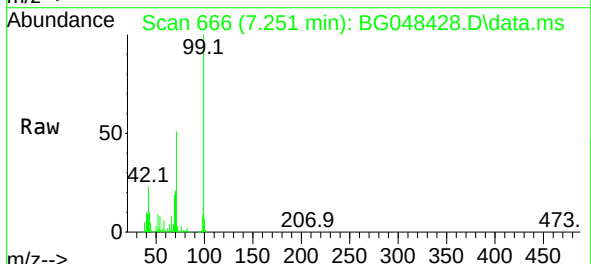
Instrument :
BNA_G
ClientSampleId :
SB-1B-(2.5-3.0)

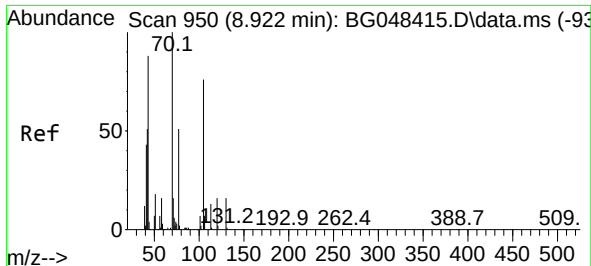
Tgt Ion: 99 Resp: 306758
Ion Ratio Lower Upper
99 100
42 23.2 12.8 19.2#
71 50.8 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.251 min Scan# 666
Delta R.T. 0.009 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

Tgt Ion: 77 Resp: 995
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



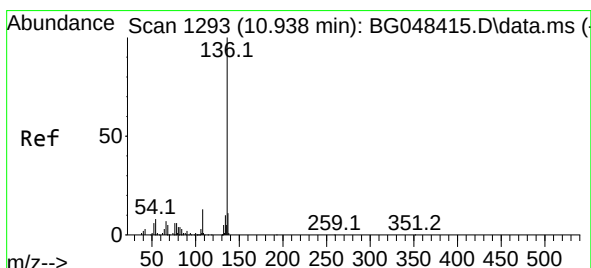
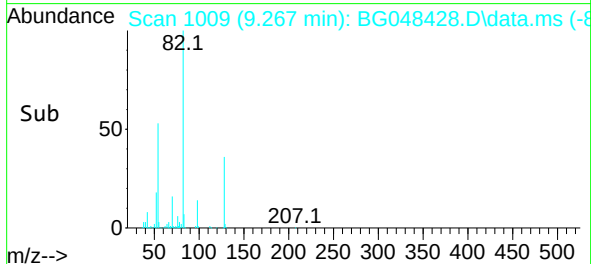
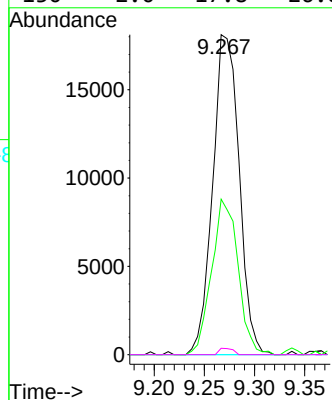
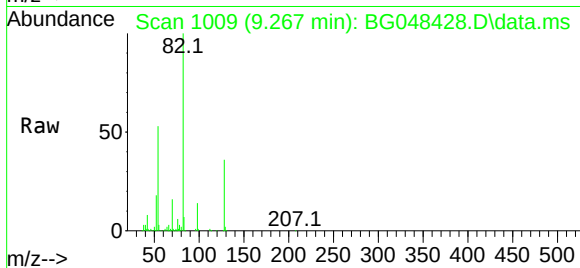


#19

n-Nitroso-di-n-propylamine
Concen: 13.56 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.344 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

Instrument :
BNA_G
ClientSampleId :
SB-1B-(2.5-3.0)

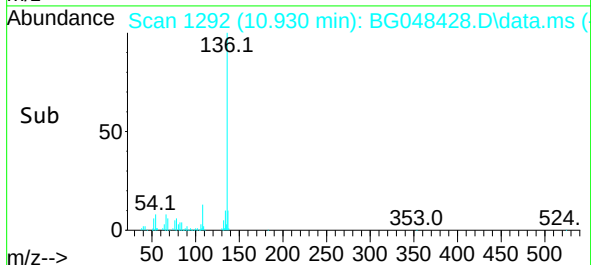
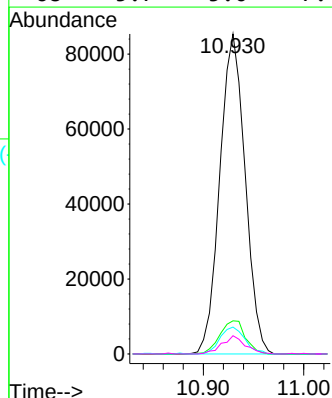
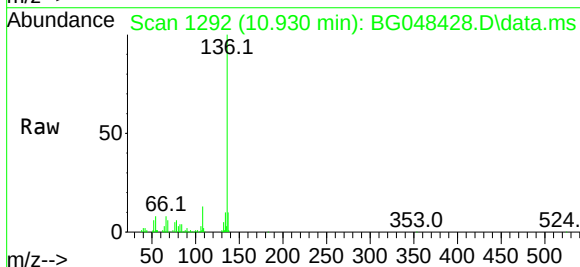
Tgt Ion: 70	Resp:	33195
Ion Ratio	Lower	Upper
70	100	
42	48.6	45.6 68.4
101	0.0	8.4 12.6#
130	2.0	17.8 26.8#

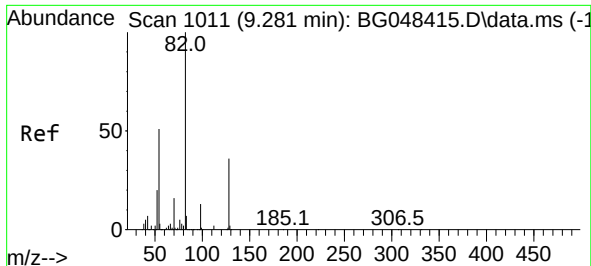


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 10.930 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

Tgt Ion: 136	Resp:	148960
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.1 13.7
54	8.4	6.2 9.4
68	5.7	5.0 7.4

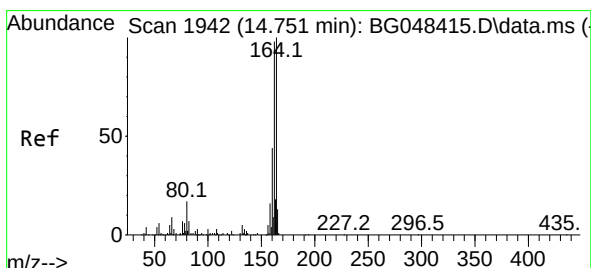
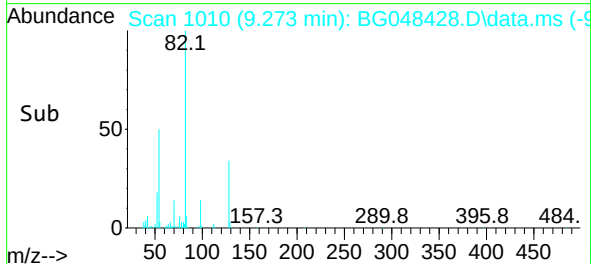
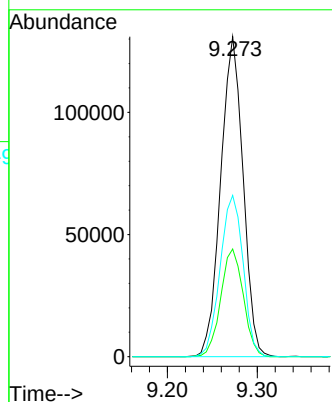
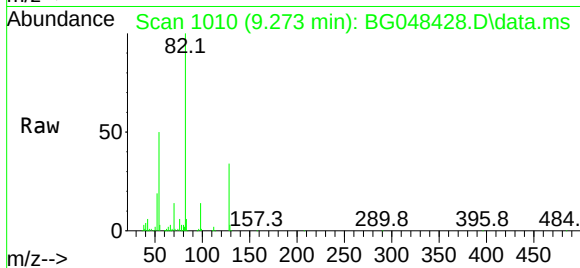




#23
Nitrobenzene-d5
Concen: 60.81 ng
RT: 9.273 min Scan# 1010
Delta R.T. -0.008 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

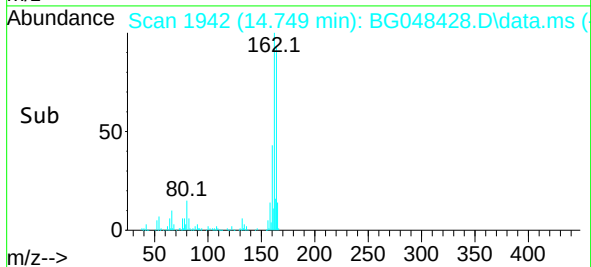
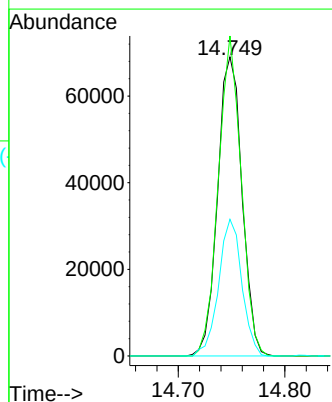
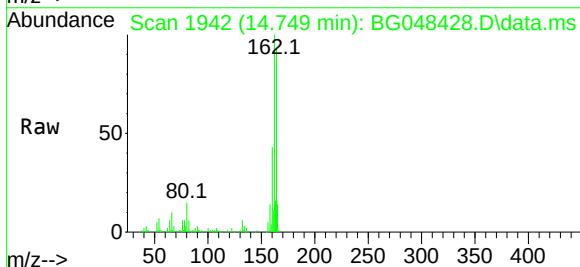
Instrument :
BNA_G
ClientSampleId :
SB-1B-(2.5-3.0)

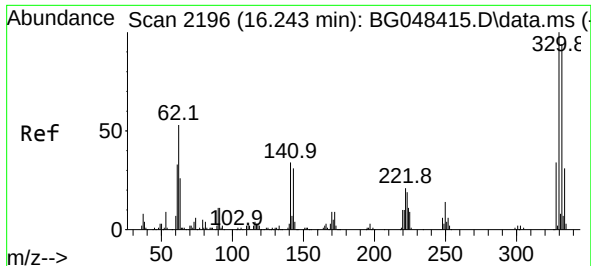
Tgt Ion: 82 Resp: 226539
Ion Ratio Lower Upper
82 100
128 33.6 37.0 55.6#
54 50.4 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.749 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

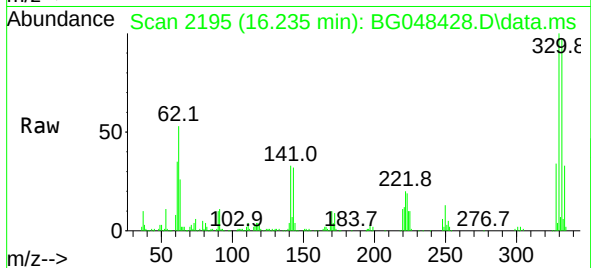
Tgt Ion:164 Resp: 109666
Ion Ratio Lower Upper
164 100
162 107.0 82.3 123.5
160 45.7 35.3 52.9



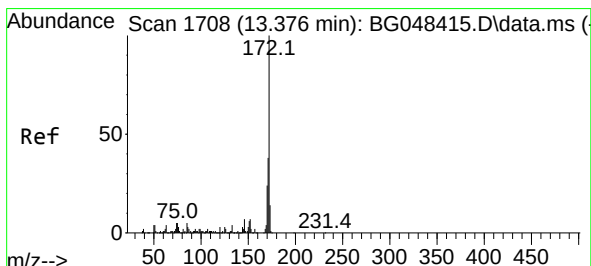
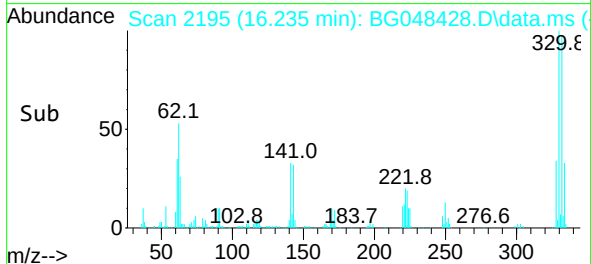
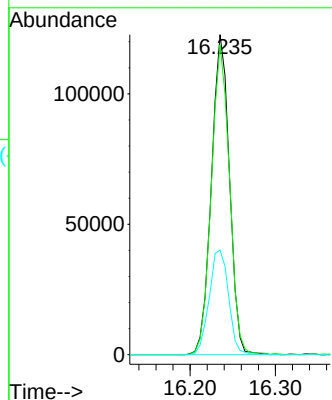


#42
2,4,6-Tribromophenol
Concen: 100.92 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.008 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

Instrument :
BNA_G
ClientSampleId :
SB-1B-(2.5-3.0)

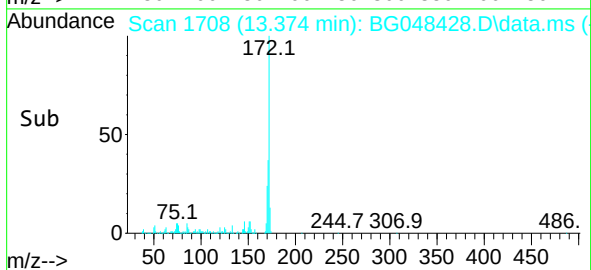
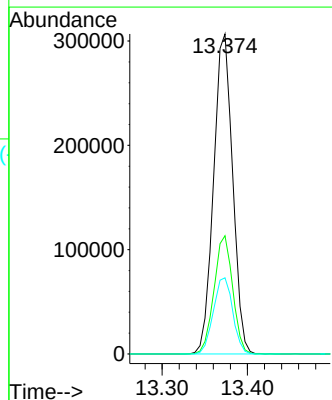
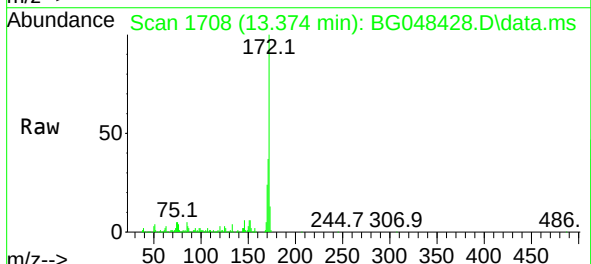


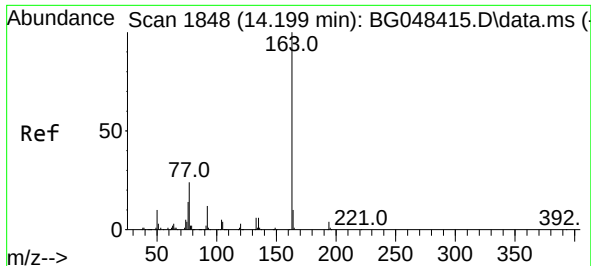
Tgt Ion:330 Resp: 179996
Ion Ratio Lower Upper
330 100
332 97.4 76.5 114.7
141 35.1 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 62.52 ng
RT: 13.374 min Scan# 1708
Delta R.T. -0.002 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

Tgt Ion:172 Resp: 476593
Ion Ratio Lower Upper
172 100
171 37.0 31.3 46.9
170 23.8 20.8 31.2

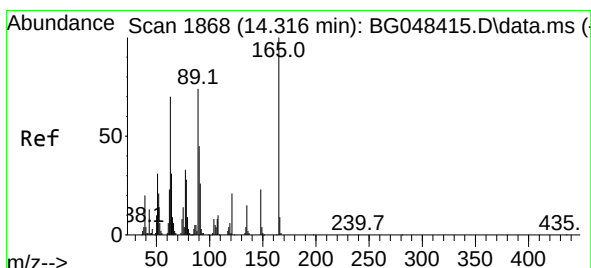
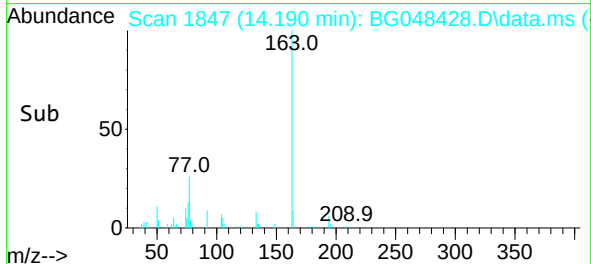
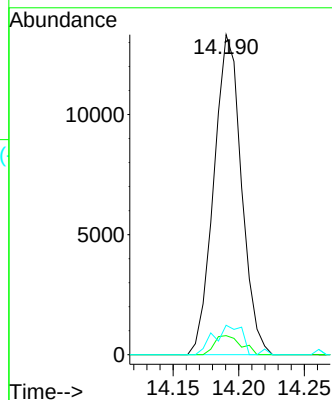
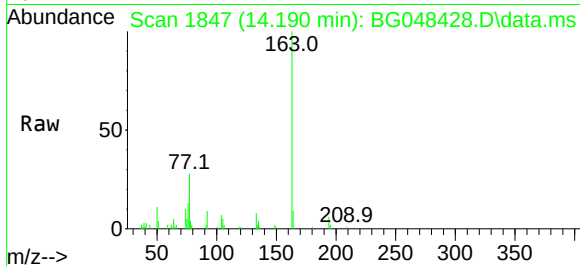




#50
Dimethylphthalate
Concen: 2.18 ng
RT: 14.190 min Scan# 1847
Delta R.T. -0.008 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

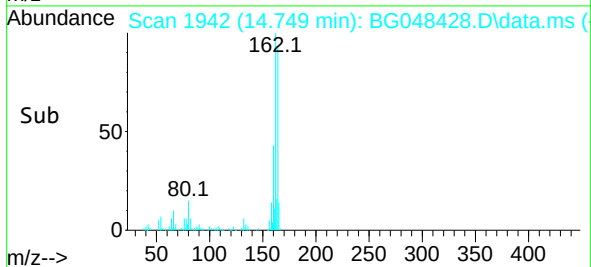
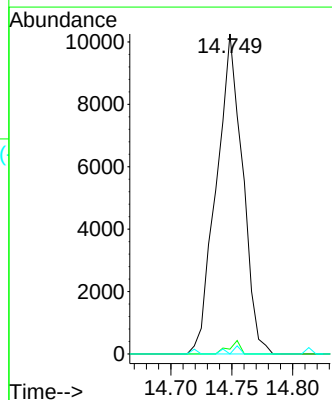
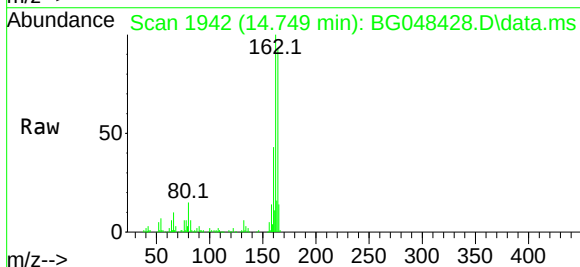
Instrument :
BNA_G
ClientSampleId :
SB-1B-(2.5-3.0)

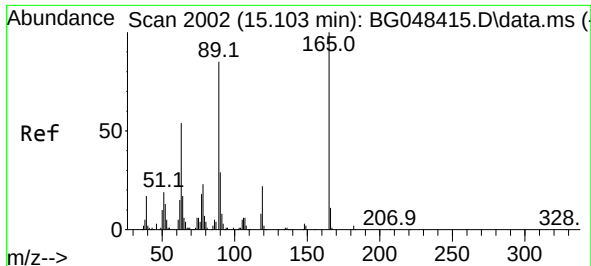
Tgt Ion:163 Resp: 19472
Ion Ratio Lower Upper
163 100
194 6.0 3.8 5.8#
164 9.2 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 14.749 min Scan# 1942
Delta R.T. 0.432 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

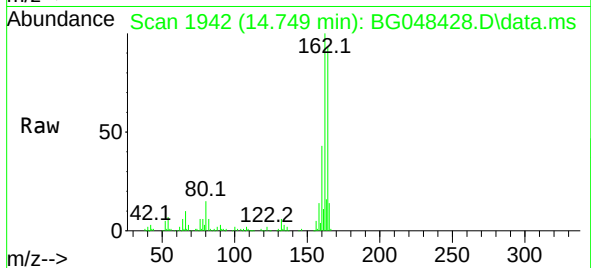
Tgt Ion:165 Resp: 15320
Ion Ratio Lower Upper
165 100
63 1.5 33.7 50.5#
89 0.0 36.6 54.8#



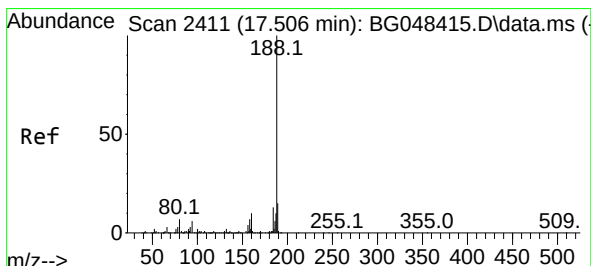
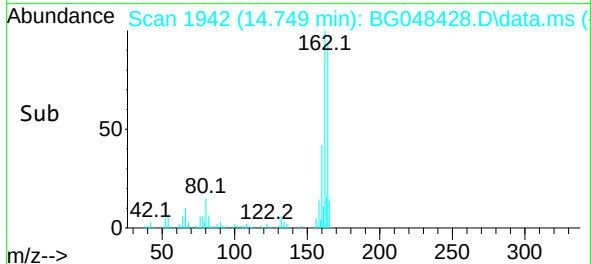
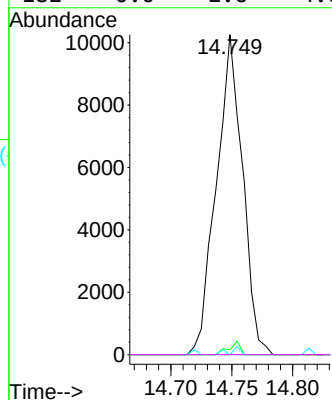


#57
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 14.749 min Scan# 1942
Delta R.T. -0.355 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

Instrument :
BNA_G
ClientSampleId :
SB-1B-(2.5-3.0)

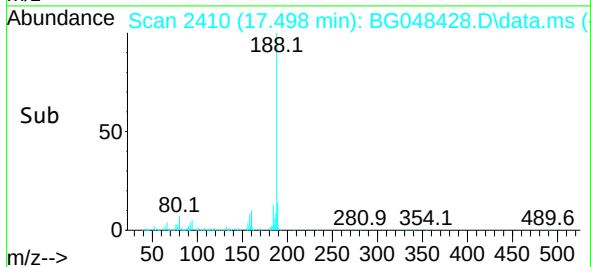
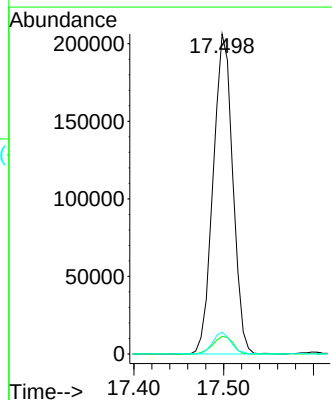
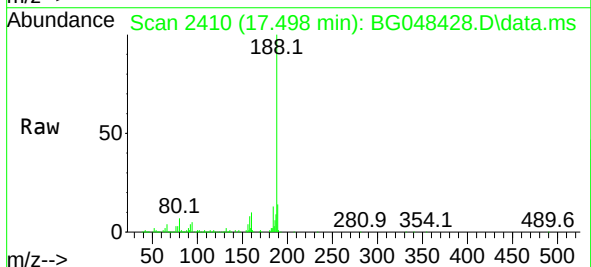


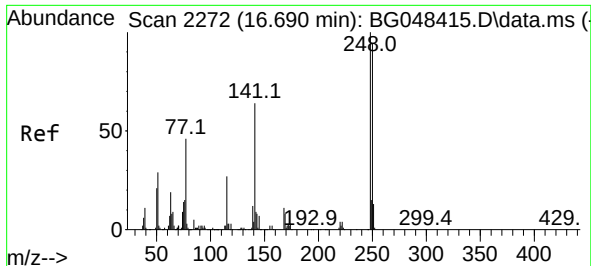
Tgt Ion:165 Resp: 15320
Ion Ratio Lower Upper
165 100
63 1.5 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.008 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

Tgt Ion:188 Resp: 312348
Ion Ratio Lower Upper
188 100
94 5.5 6.3 9.5#
80 6.8 7.0 10.6#

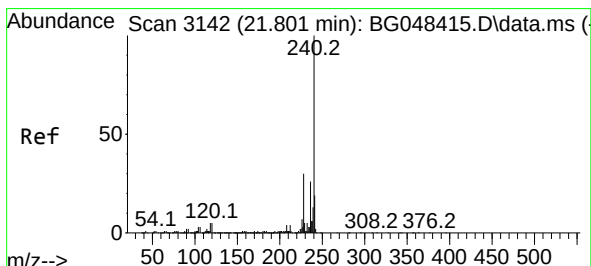
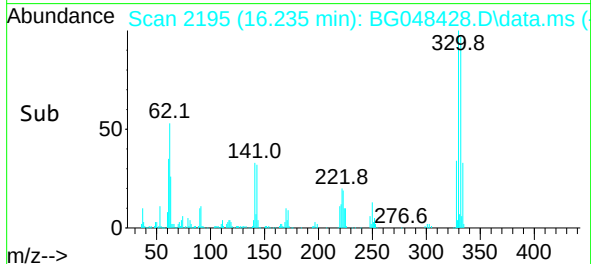
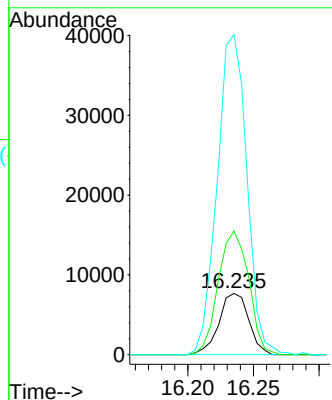
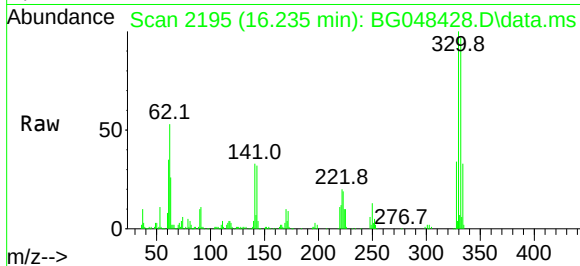




#67
4-Bromophenyl-phenylether
Concen: 3.08 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.455 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

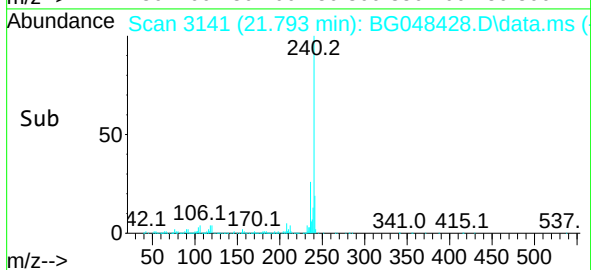
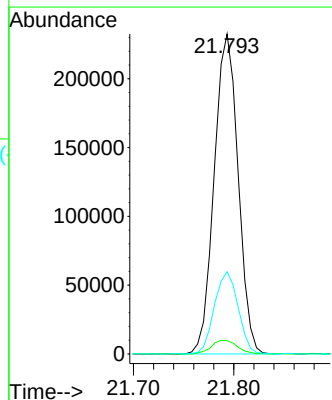
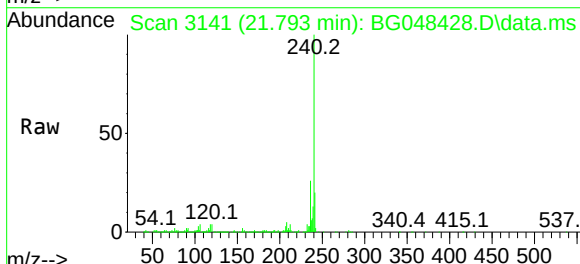
Instrument :
BNA_G
ClientSampled :
SB-1B-(2.5-3.0)

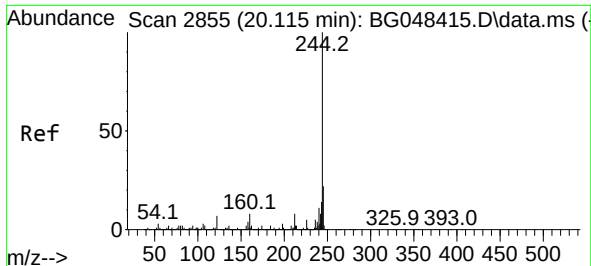
Tgt Ion:248 Resp: 12121
Ion Ratio Lower Upper
248 100
250 201.9 78.9 118.3#
141 521.9 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

Tgt Ion:240 Resp: 384629
Ion Ratio Lower Upper
240 100
120 4.2 6.2 9.4#
236 25.7 20.5 30.7

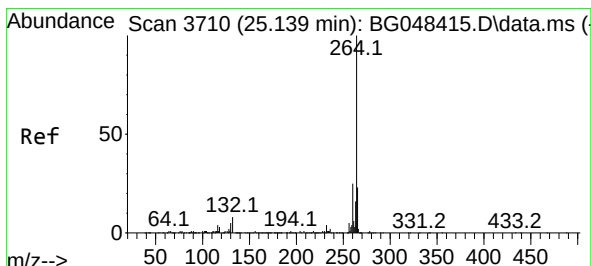
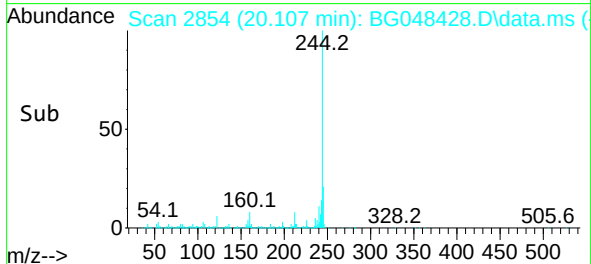
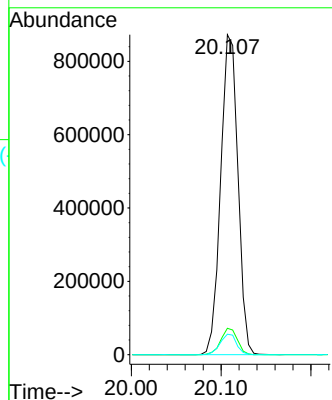
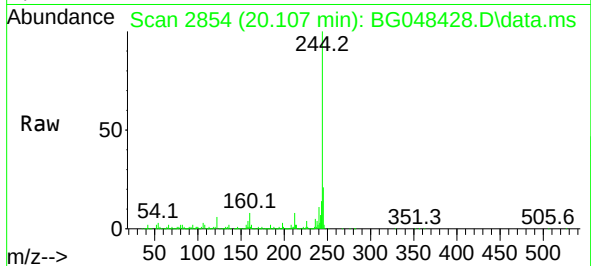




#79
Terphenyl-d14
Concen: 54.43 ng
RT: 20.107 min Scan# 2854
Delta R.T. -0.008 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

Instrument :
BNA_G
ClientSampleId :
SB-1B-(2.5-3.0)

Tgt Ion:244 Resp: 1160918
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 6.4 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.131 min Scan# 3709
Delta R.T. -0.008 min
Lab File: BG048428.D
Acq: 19 Mar 2021 17:45

Tgt Ion:264 Resp: 392046
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.2 17.8 26.8

