

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048431.D
 Acq On : 19 Mar 2021 19:46
 Operator : CG/JU
 Sample : M1732-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(2.5-3.0)

Quant Time: Mar 19 22:52:27 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)

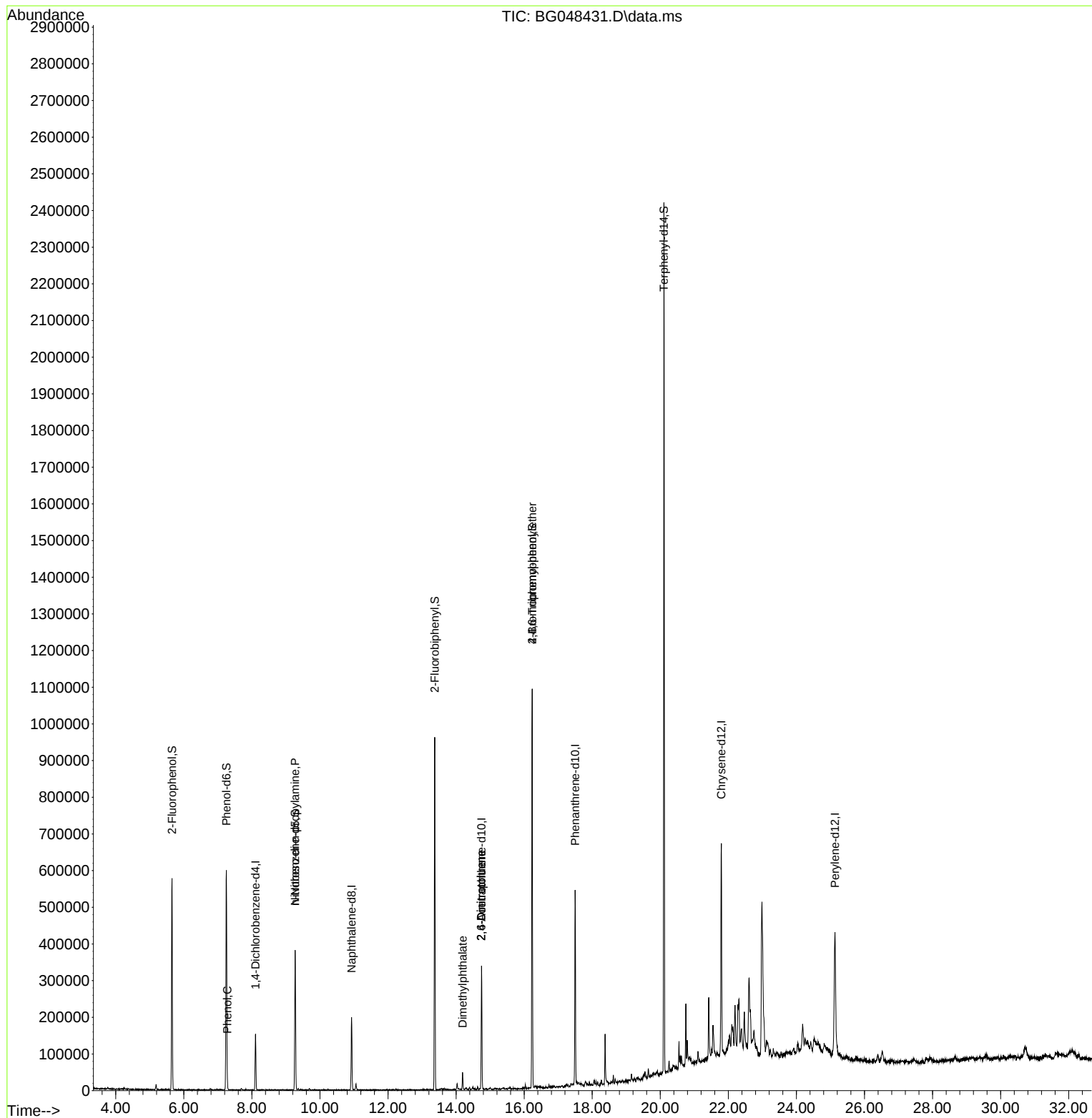
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	40778	20.00	ng	0.00
21) Naphthalene-d8	10.929	136	148622	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	119369	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	332803	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	359473	20.00	ng	# 0.00
86) Perylene-d12	25.130	264	369015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	216716	87.88	ng	0.00
7) Phenol-d6	7.251	99	303401	84.56	ng	0.00
23) Nitrobenzene-d5	9.272	82	225170	60.58	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	197997	101.99	ng	0.00
45) 2-Fluorobiphenyl	13.374	172	479277	57.76	ng	0.00
79) Terphenyl-d14	20.107	244	1087079	54.54	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.251	77	806	Below Cal	#	1
10) Phenol	7.281	94	10104	2.75	ng	82
19) n-Nitroso-di-n-propyla...	9.272	70	34440	12.93	ng	# 80
50) Dimethylphthalate	14.190	163	24444	2.52	ng	# 97
51) 2,6-Dinitrotoluene	14.743	165	15960	7.63	ng	# 35
57) 2,4-Dinitrotoluene	14.743	165	15960	5.38	ng	# 33
67) 4-Bromophenyl-phenylether	16.235	248	14346	3.42	ng	# 1

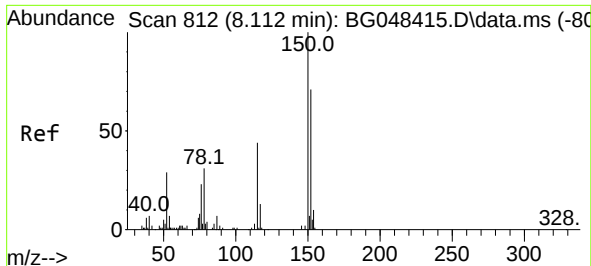
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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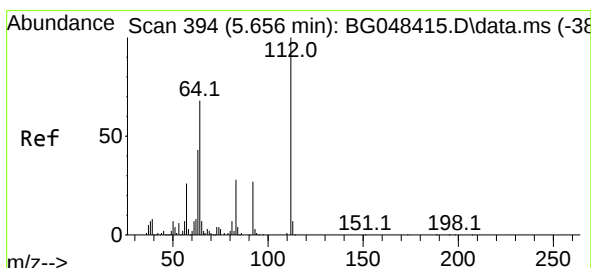
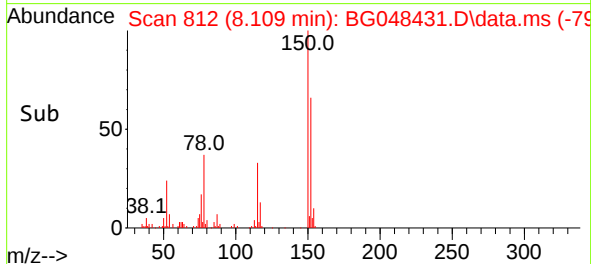
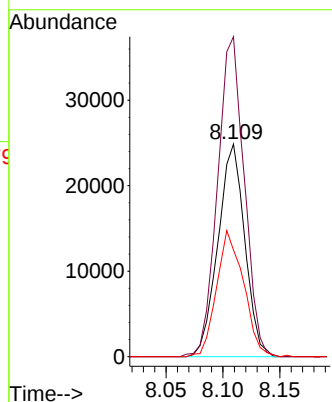
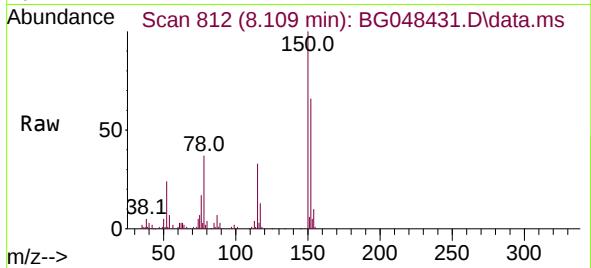




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

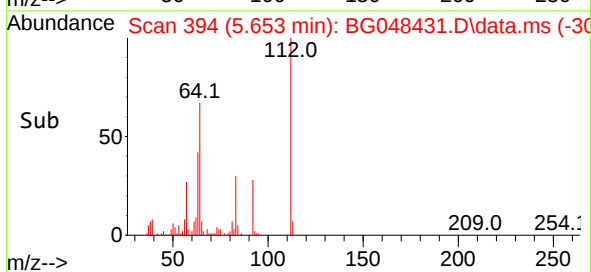
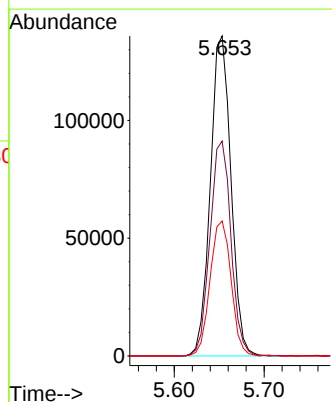
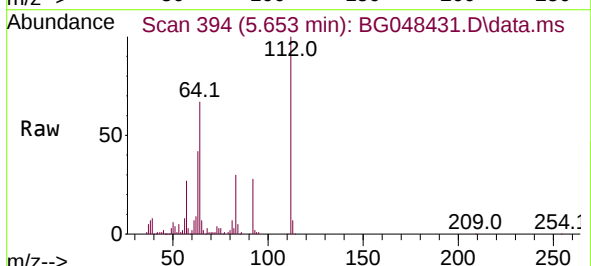
Instrument :
BNA_G
ClientSampleId :
SB-2B-(2.5-3.0)

Tgt Ion:152 Resp: 40778
Ion Ratio Lower Upper
152 100
150 150.5 125.0 187.6
115 50.2 41.8 62.6



#5
2-Fluorophenol
Concen: 87.88 ng
RT: 5.653 min Scan# 394
Delta R.T. -0.002 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

Tgt Ion:112 Resp: 216716
Ion Ratio Lower Upper
112 100
64 67.2 46.7 70.1
63 42.2 22.8 34.2#

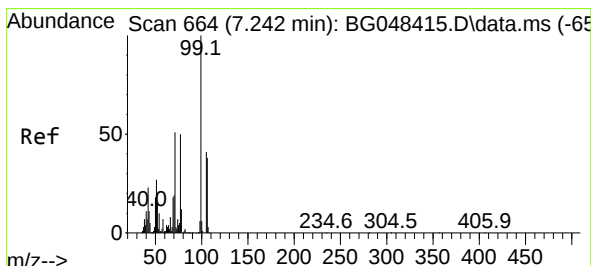
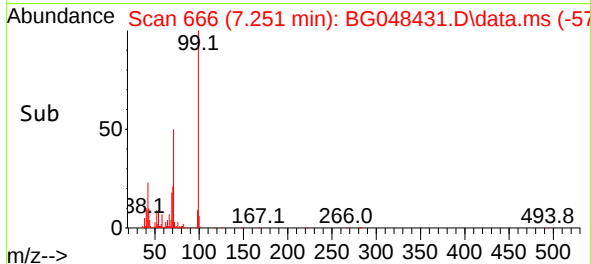
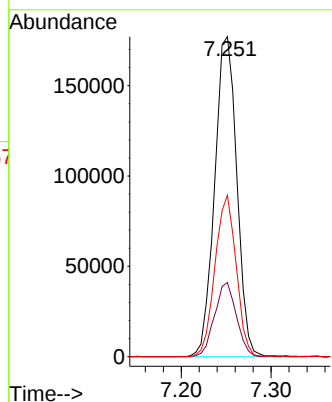
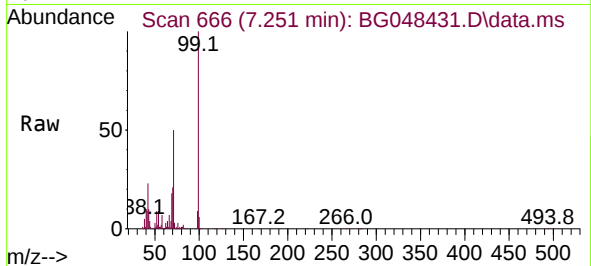




#7
Phenol-d6
Concen: 84.56 ng
RT: 7.251 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

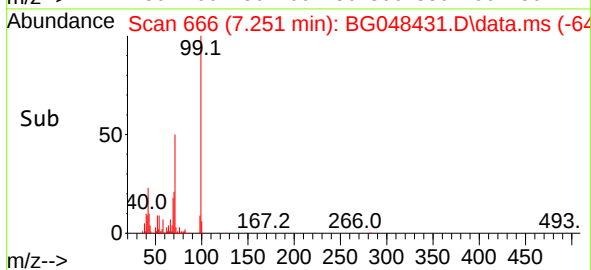
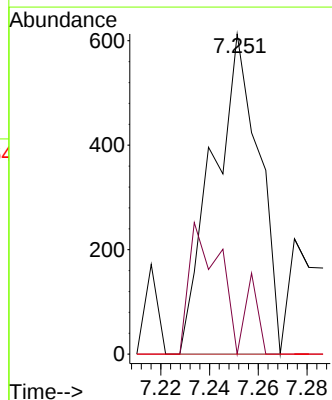
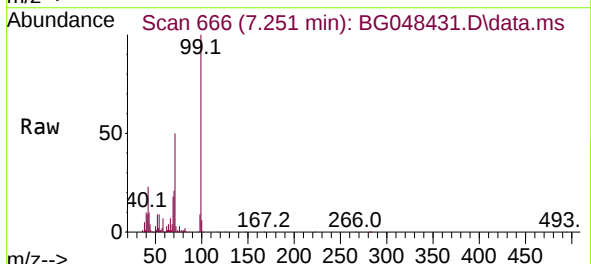
Instrument :
BNA_G
ClientSampleId :
SB-2B-(2.5-3.0)

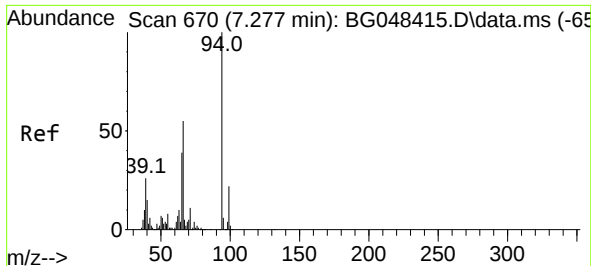
Tgt Ion: 99 Resp: 303401
Ion Ratio Lower Upper
99 100
42 23.1 12.8 19.2#
71 50.5 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.251 min Scan# 666
Delta R.T. 0.009 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

Tgt Ion: 77 Resp: 806
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

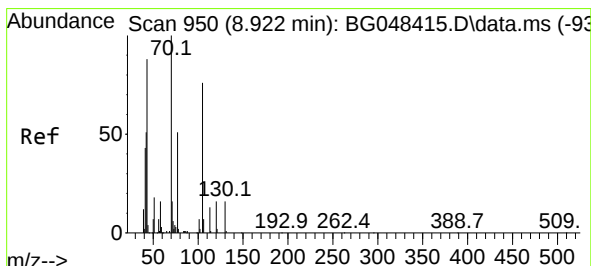
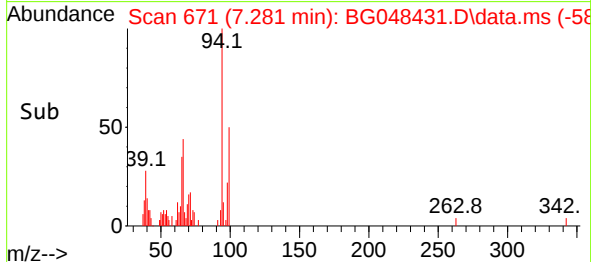
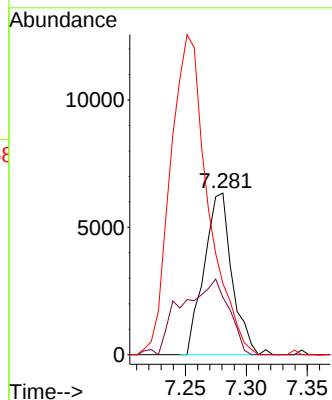
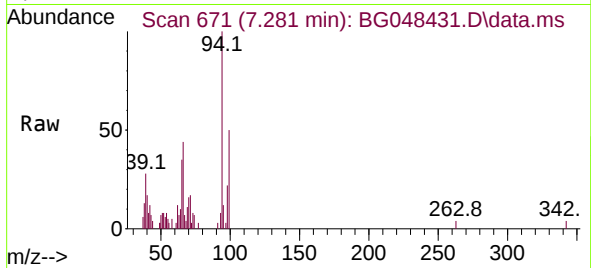




#10
Phenol
Concen: 2.75 ng
RT: 7.281 min Scan# 671
Delta R.T. 0.003 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

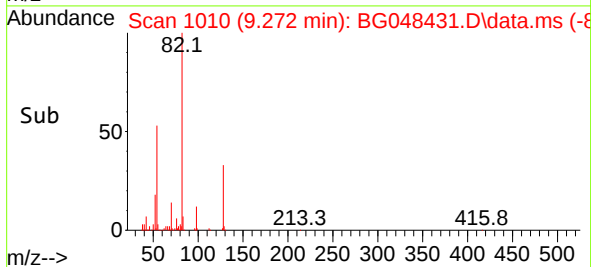
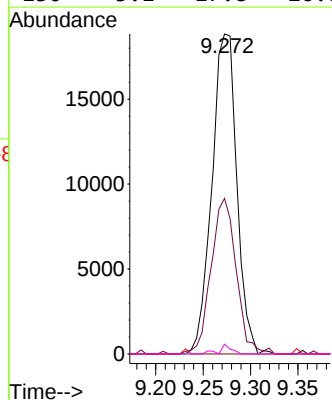
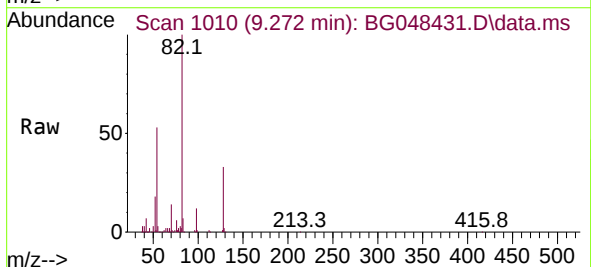
Instrument :
BNA_G
ClientSampleId :
SB-2B-(2.5-3.0)

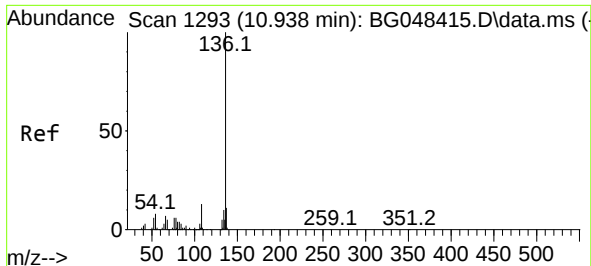
Tgt Ion: 94 Resp: 10104
Ion Ratio Lower Upper
94 100
65 35.4 6.6 46.6
66 44.1 13.9 53.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.93 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.350 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

Tgt Ion: 70 Resp: 34440
Ion Ratio Lower Upper
70 100
42 48.6 45.6 68.4
101 0.0 8.4 12.6#
130 3.1 17.8 26.8#

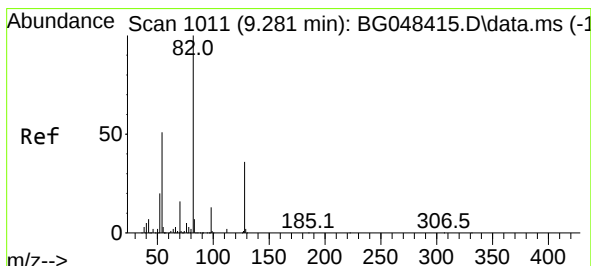
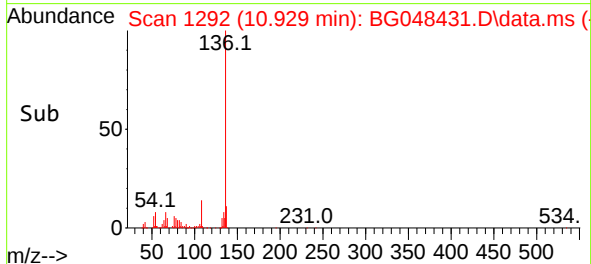
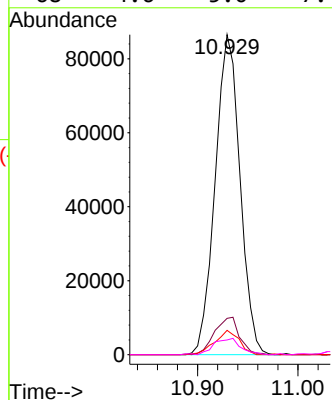
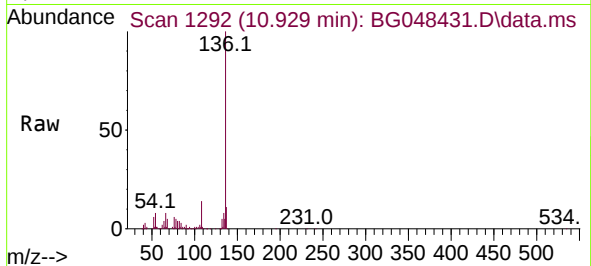




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

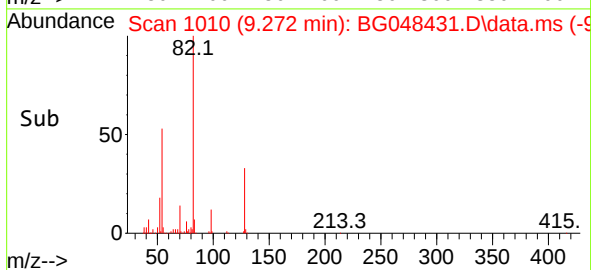
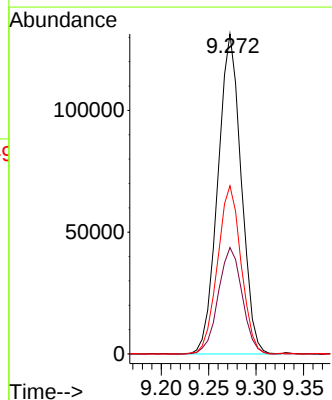
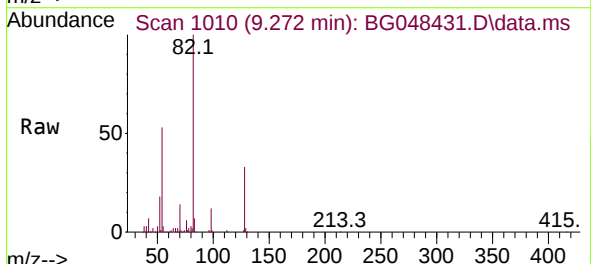
Instrument :
BNA_G
ClientSampleId :
SB-2B-(2.5-3.0)

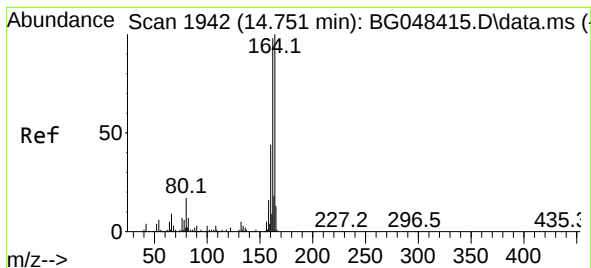
Tgt Ion:	136	Resp:	148622
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	7.6	6.2	9.4
68	4.6	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 60.58 ng
RT: 9.272 min Scan# 1010
Delta R.T. -0.008 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

Tgt Ion:	82	Resp:	225170
Ion Ratio	Lower	Upper	
82	100		
128	33.3	37.0	55.6#
54	52.5	39.0	58.4

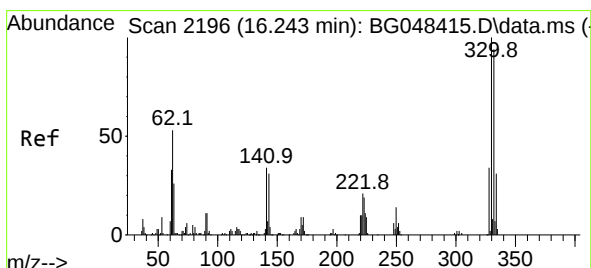
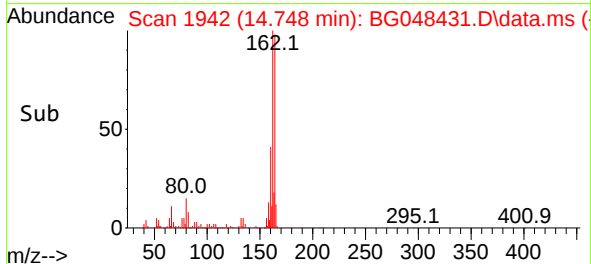
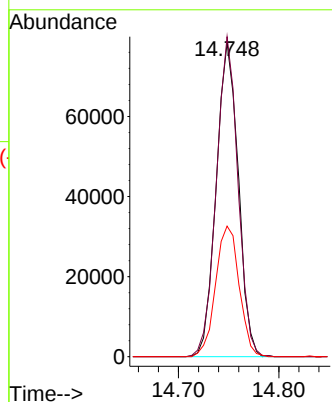
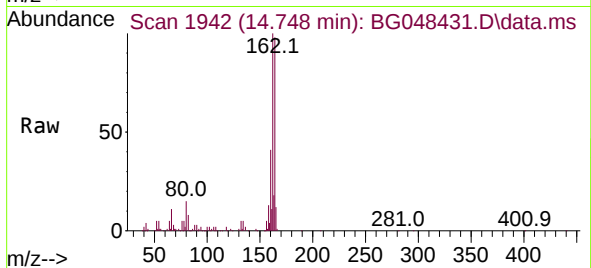




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

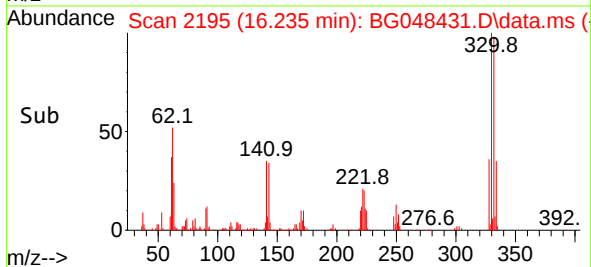
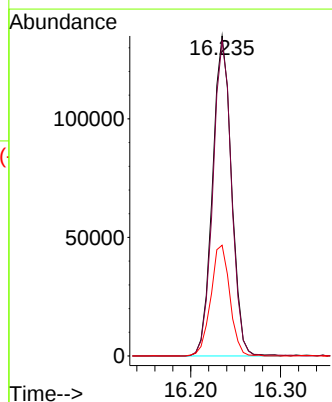
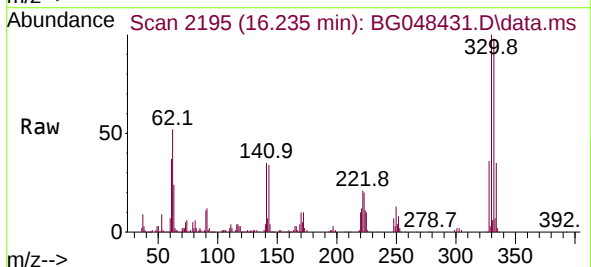
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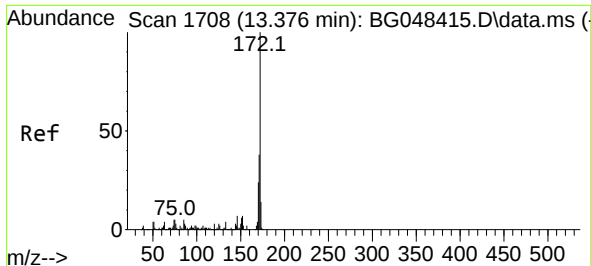
Tgt Ion:164 Resp: 119369
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 41.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 101.99 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.008 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

Tgt Ion:330 Resp: 197997
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 34.8 26.0 39.0

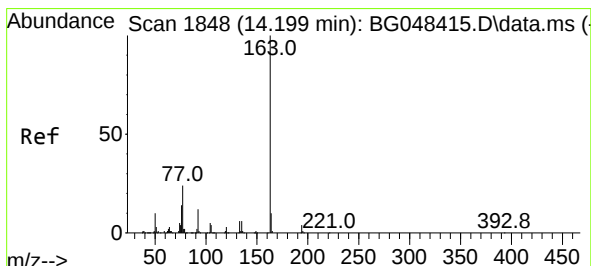
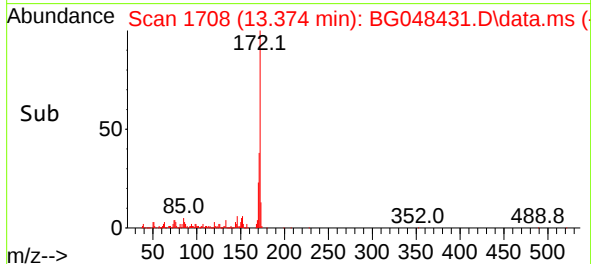
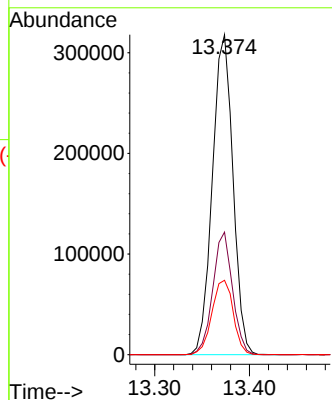
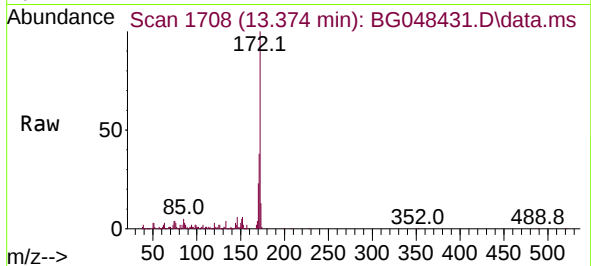




#45
2-Fluorobiphenyl
Concen: 57.76 ng
RT: 13.374 min Scan# 1708
Delta R.T. -0.002 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

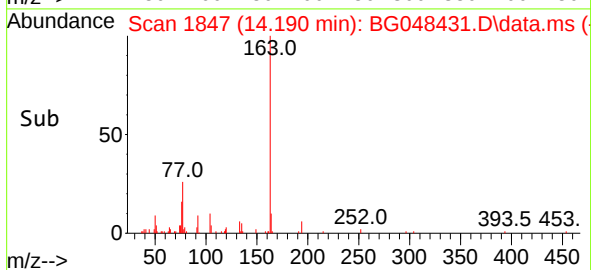
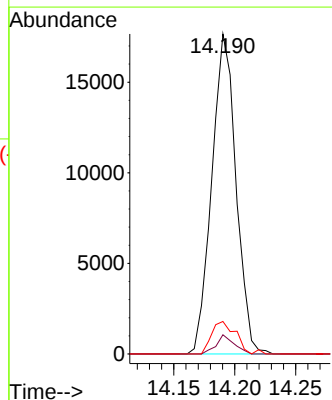
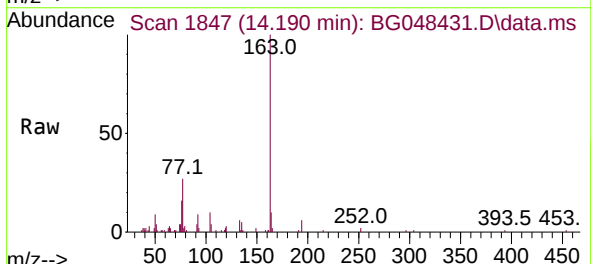
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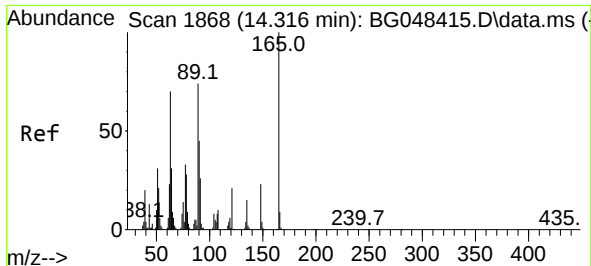
Tgt Ion:172	Resp:	479277
Ion Ratio	Lower	Upper
172	100	
171	38.3	31.3 46.9
170	23.2	20.8 31.2



#50
Dimethylphthalate
Concen: 2.52 ng
RT: 14.190 min Scan# 1847
Delta R.T. -0.008 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

Tgt Ion:163	Resp:	24444
Ion Ratio	Lower	Upper
163	100	
194	6.0	3.8 5.8#
164	10.1	8.8 13.2

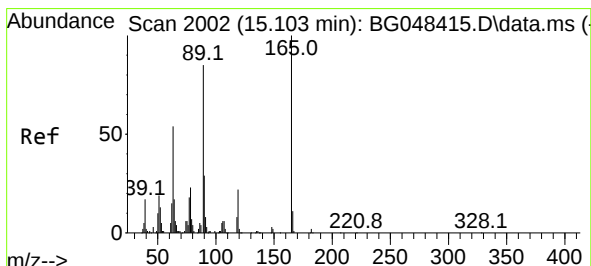
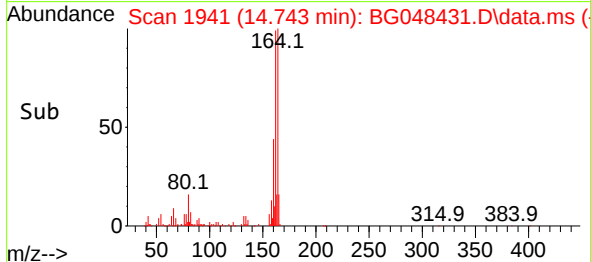
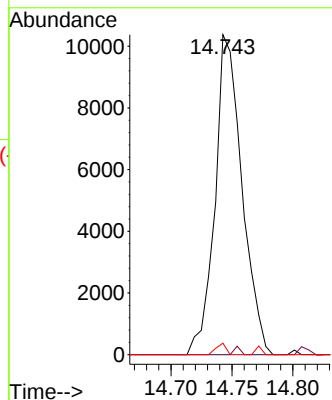
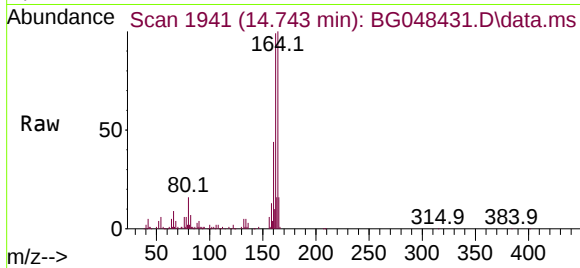




#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 14.743 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

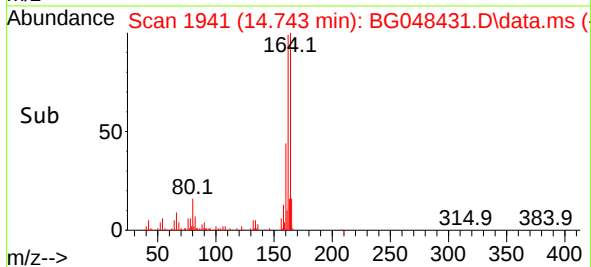
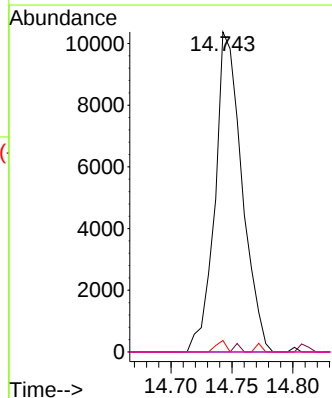
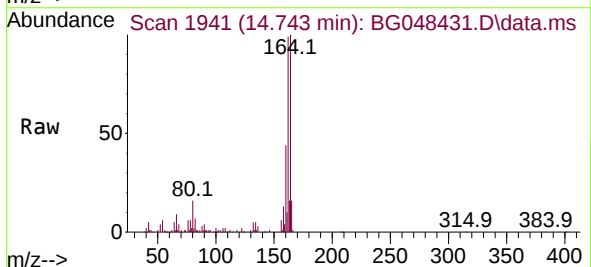
Instrument :
BNA_G
ClientSampleId :
SB-2B-(2.5-3.0)

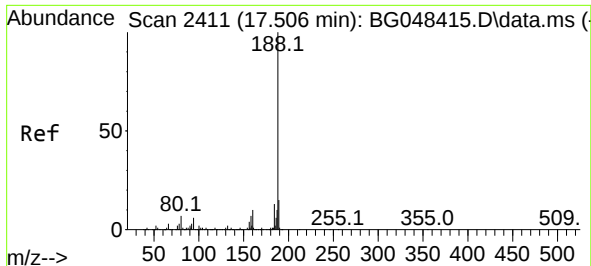
Tgt Ion:165 Resp: 15960
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 3.6 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

Tgt Ion:165 Resp: 15960
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 3.6 47.8 71.8#
182 0.0 2.6 4.0#

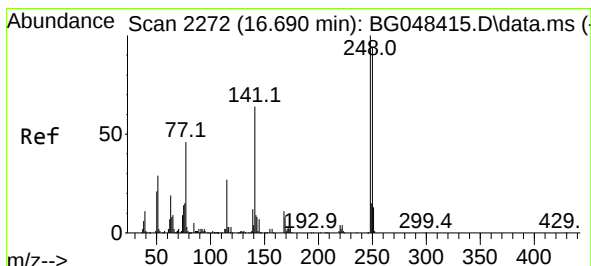
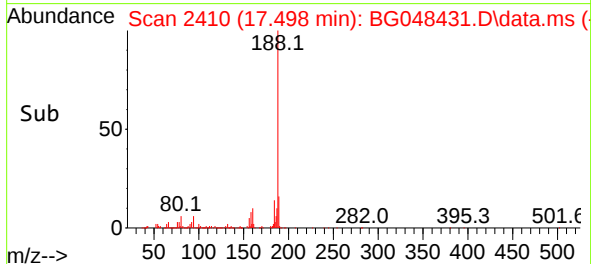
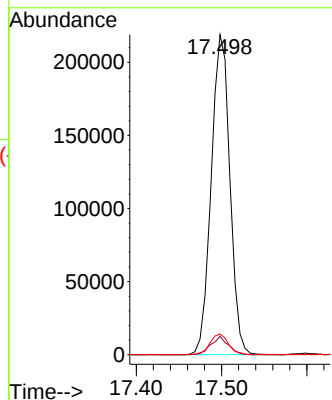
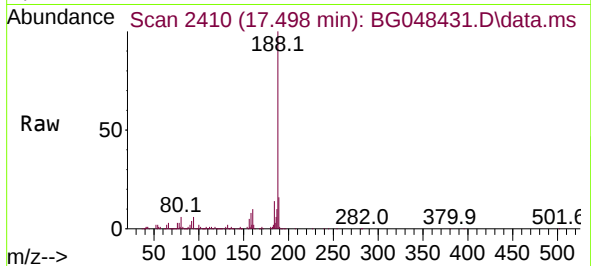




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.008 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

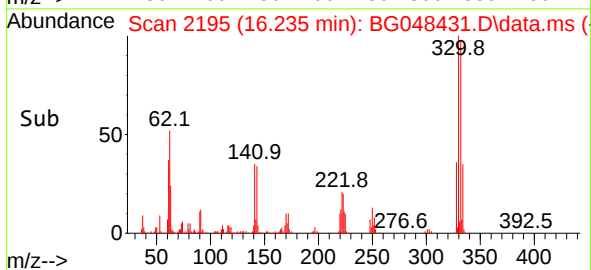
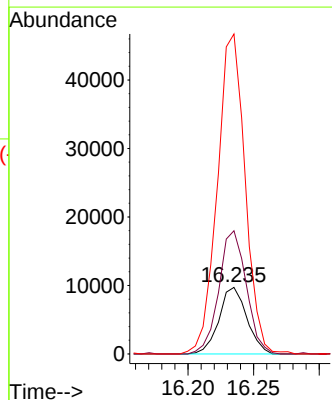
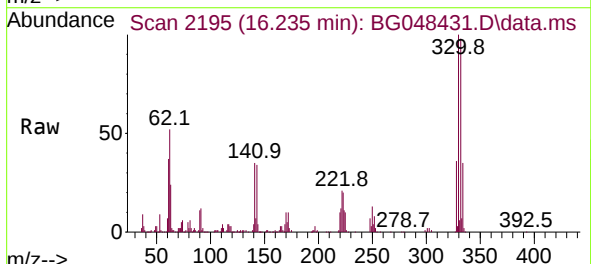
Instrument :
BNA_G
ClientSampleId :
SB-2B-(2.5-3.0)

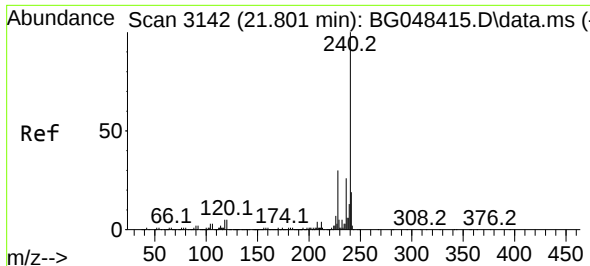
Tgt Ion:188 Resp: 332803
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 6.5 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.455 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

Tgt Ion:248 Resp: 14346
Ion Ratio Lower Upper
248 100
250 185.0 78.9 118.3#
141 480.5 46.2 69.4#

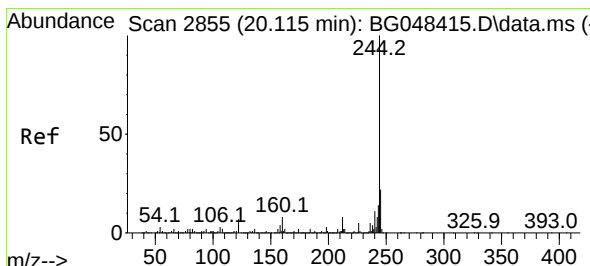
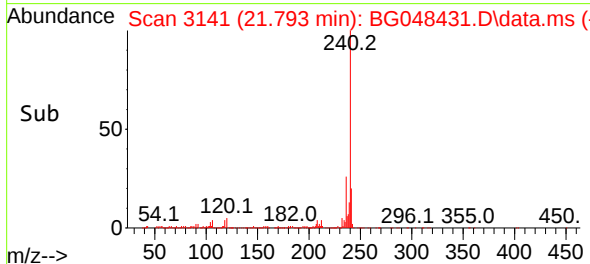
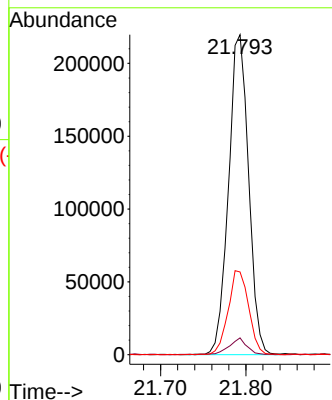
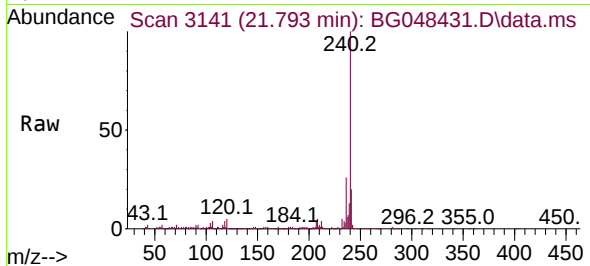




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

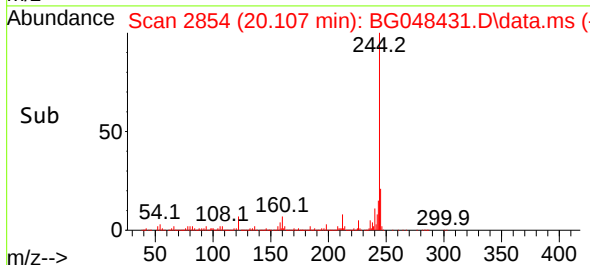
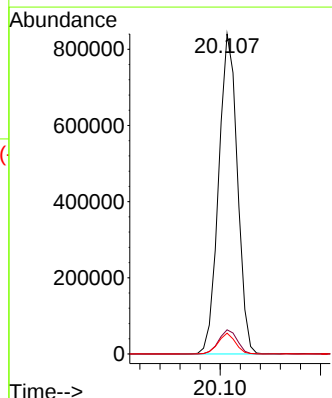
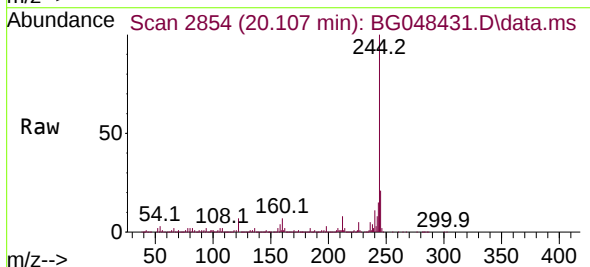
Instrument :
BNA_G
ClientSampleId :
SB-2B-(2.5-3.0)

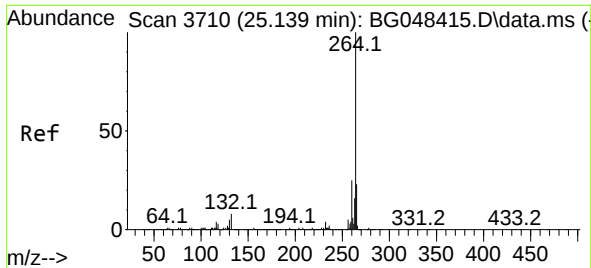
Tgt Ion:240 Resp: 359473
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 25.9 20.5 30.7



#79
Terphenyl-d14
Concen: 54.54 ng
RT: 20.107 min Scan# 2854
Delta R.T. -0.008 min
Lab File: BG048431.D
Acq: 19 Mar 2021 19:46

Tgt Ion:244 Resp: 1087079
Ion Ratio Lower Upper
244 100
212 7.6 6.7 10.1
122 6.5 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.130 min Scan# 3709
 Delta R.T. -0.008 min
 Lab File: BG048431.D
 Acq: 19 Mar 2021 19:46

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(2.5-3.0)

Tgt Ion:264	Resp: 369015
Ion Ratio	Lower Upper
264	100
260	25.5 18.8 28.2
265	20.2 17.8 26.8

