

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048434.D
 Acq On : 19 Mar 2021 21:48
 Operator : CG/JU
 Sample : M1721-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-031821

Quant Time: Mar 19 22:53:04 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)

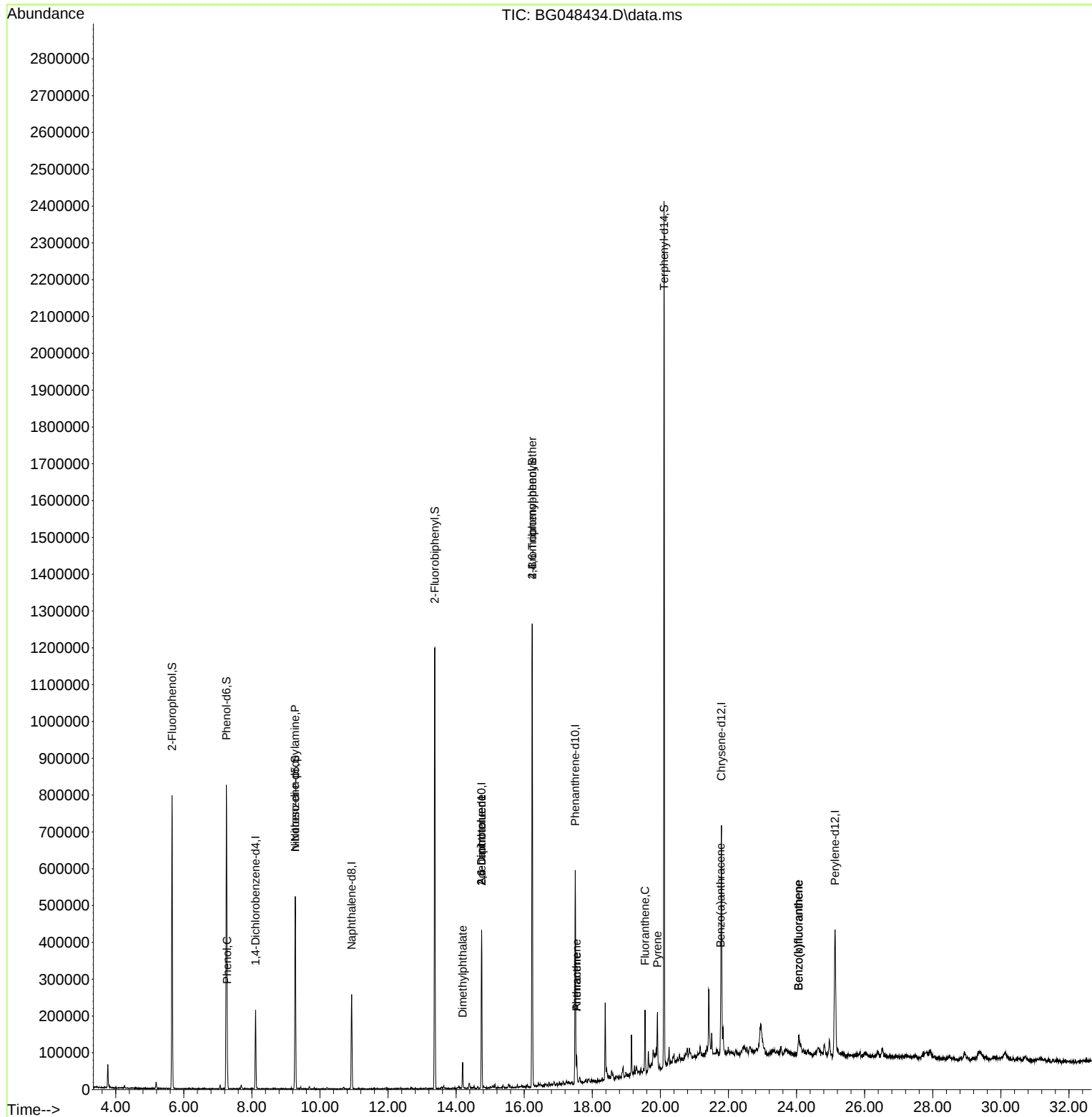
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	52040	20.00	ng	# 0.00
21) Naphthalene-d8	10.930	136	204959	20.00	ng	# 0.00
39) Acenaphthene-d10	14.749	164	154245	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	362608	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	387392	20.00	ng	# 0.00
86) Perylene-d12	25.131	264	383353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	302486	96.12	ng	0.00
7) Phenol-d6	7.252	99	410713	89.69	ng	0.00
23) Nitrobenzene-d5	9.273	82	316356	61.72	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	237136	94.53	ng	0.00
45) 2-Fluorobiphenyl	13.374	172	614915	57.35	ng	0.00
79) Terphenyl-d14	20.107	244	1064930	49.58	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.252	77	1195	Below Cal	#	10
10) Phenol	7.275	94	26850	5.72 ng	#	57
19) n-Nitroso-di-n-propyla...	9.273	70	46467	13.67 ng	#	81
50) Dimethylphthalate	14.191	163	42506	3.39 ng		99
51) 2,6-Dinitrotoluene	14.749	165	21074	7.80 ng	#	34
57) 2,4-Dinitrotoluene	14.749	165	21074	5.49 ng	#	32
67) 4-Bromophenyl-phenylether	16.235	248	17151	3.76 ng	#	1
71) Phenanthrene	17.540	178	46644	2.44 ng		100
72) Anthracene	17.540	178	46644	2.45 ng		99
75) Fluoranthene	19.549	202	107854	4.23 ng		93
78) Pyrene	19.913	202	94126	3.54 ng		97
81) Benzo(a)anthracene	21.770	228	54503	2.03 ng		98
88) Benzo(b)fluoranthene	24.061	252	66143	2.45 ng	#	92
89) Benzo(k)fluoranthene	24.061	252	66143	2.59 ng	#	92

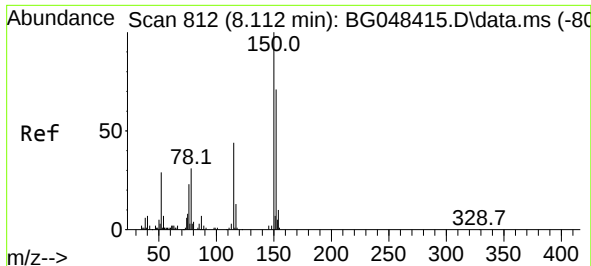
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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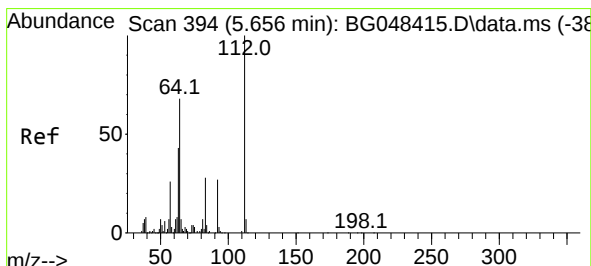
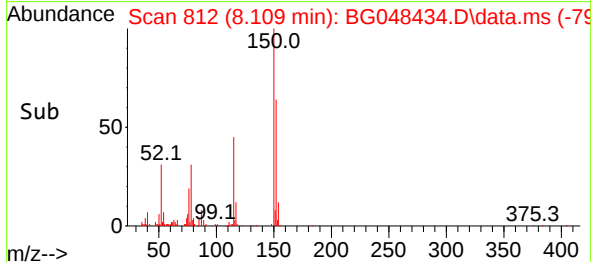
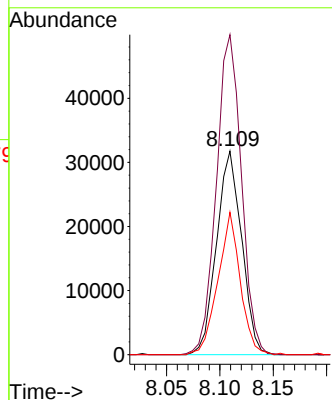
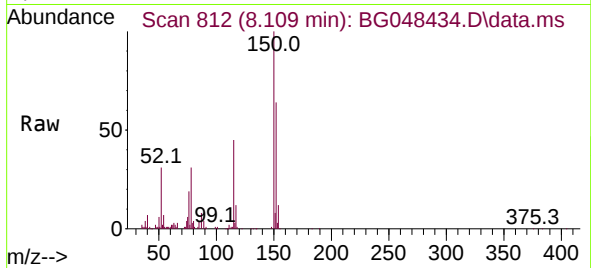




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.109 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

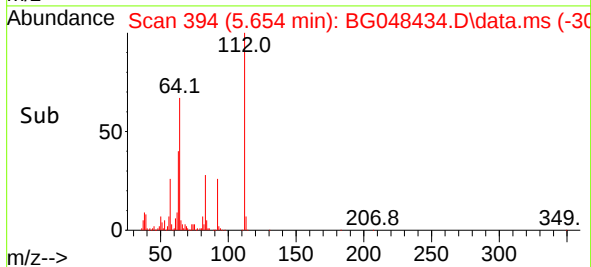
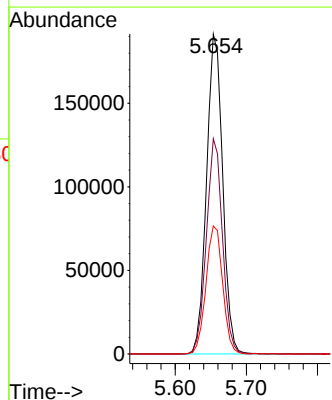
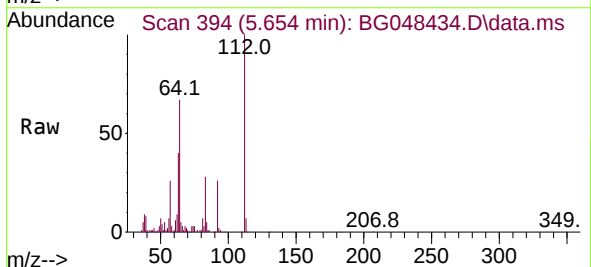
Instrument :
BNA_G
ClientSampleId :
TR-05-031821

Tgt Ion:152 Resp: 52040
Ion Ratio Lower Upper
152 100
150 157.2 125.0 187.6
115 70.0 41.8 62.6#



#5
2-Fluorophenol
Concen: 96.12 ng
RT: 5.654 min Scan# 394
Delta R.T. -0.002 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

Tgt Ion:112 Resp: 302486
Ion Ratio Lower Upper
112 100
64 67.3 46.7 70.1
63 40.0 22.8 34.2#

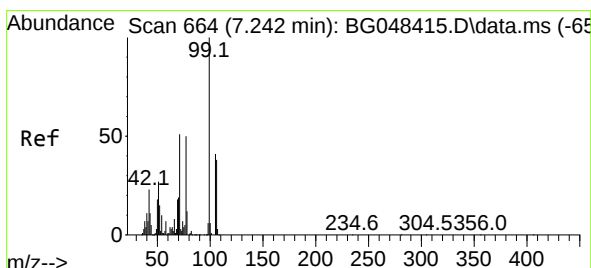
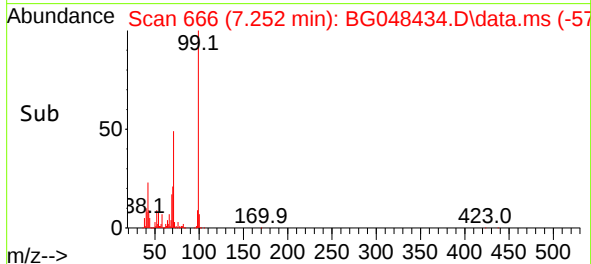
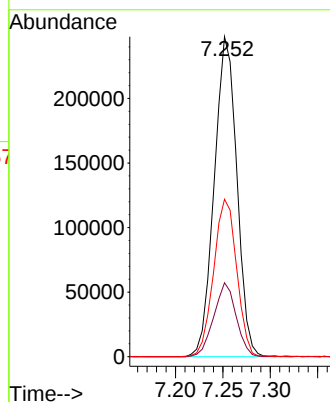
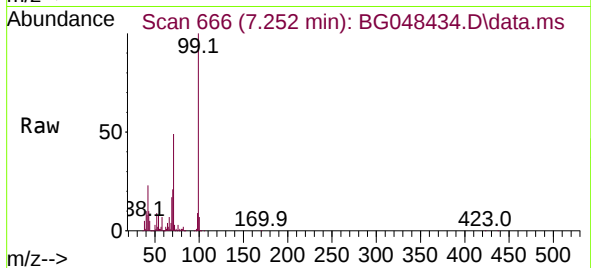




#7
Phenol-d6
Concen: 89.69 ng
RT: 7.252 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

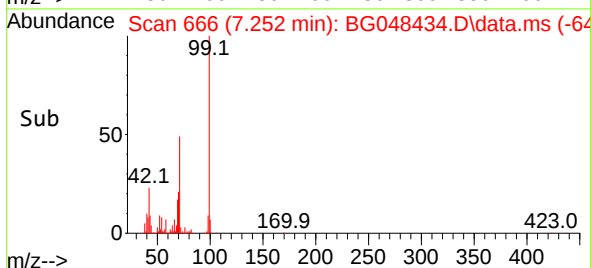
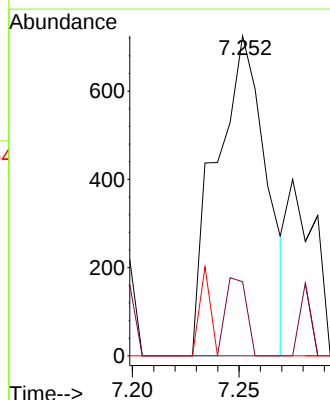
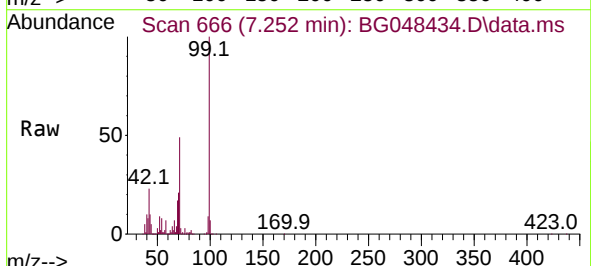
Instrument :
BNA_G
ClientSampleId :
TR-05-031821

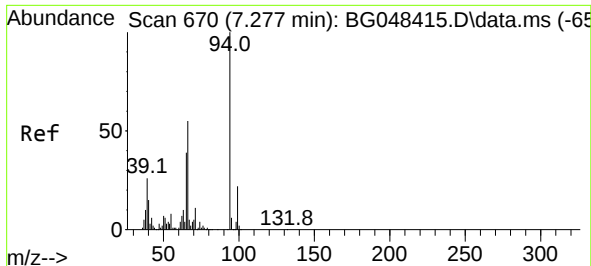
Tgt Ion: 99 Resp: 410713
Ion Ratio Lower Upper
99 100
42 23.1 12.8 19.2#
71 49.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.252 min Scan# 666
Delta R.T. 0.010 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

Tgt Ion: 77 Resp: 1195
Ion Ratio Lower Upper
77 100
105 23.2 85.9 125.9#
106 0.0 80.9 120.9#

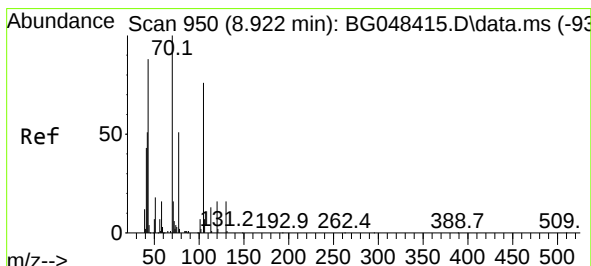
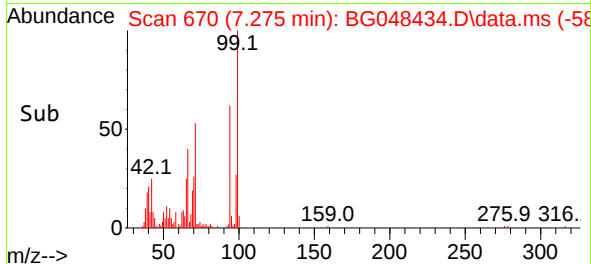
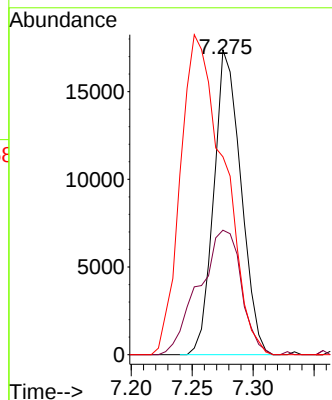
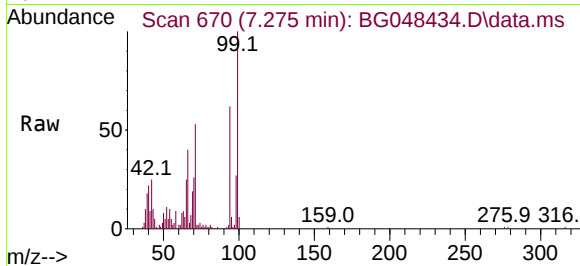




#10
Phenol
Concen: 5.72 ng
RT: 7.275 min Scan# 670
Delta R.T. -0.002 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

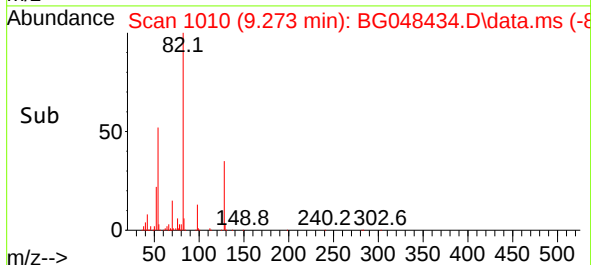
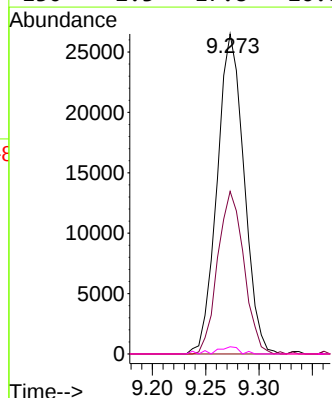
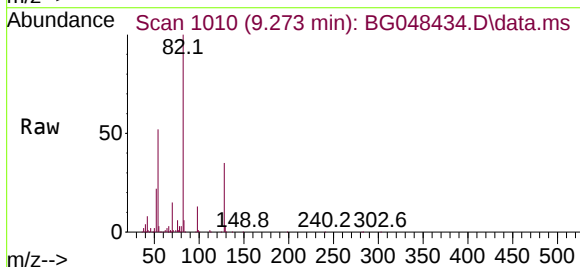
Instrument :
BNA_G
ClientSampleId :
TR-05-031821

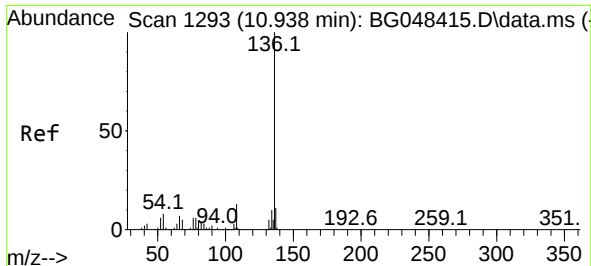
Tgt Ion:	94	Resp:	26850
Ion	Ratio	Lower	Upper
94	100		
65	40.8	6.6	46.6
66	64.9	13.9	53.9#



#19
n-Nitroso-di-n-propylamine
Concen: 13.67 ng
RT: 9.273 min Scan# 1010
Delta R.T. 0.350 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

Tgt Ion:	70	Resp:	46467
Ion	Ratio	Lower	Upper
70	100		
42	50.8	45.6	68.4
101	0.0	8.4	12.6#
130	2.3	17.8	26.8#

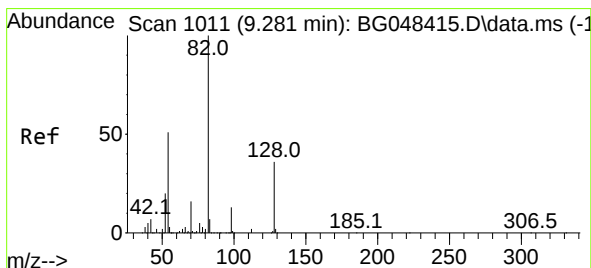
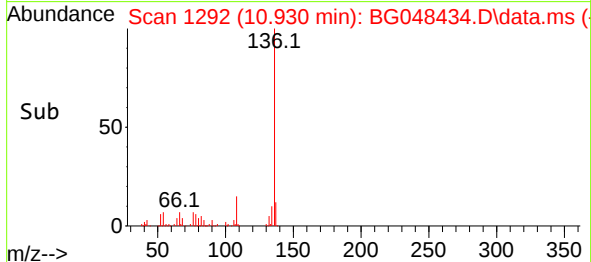
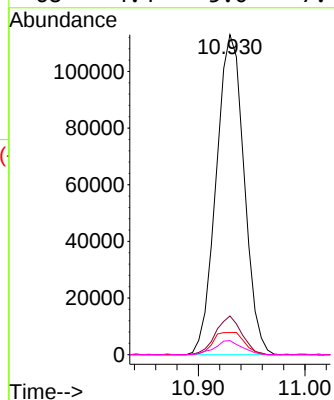
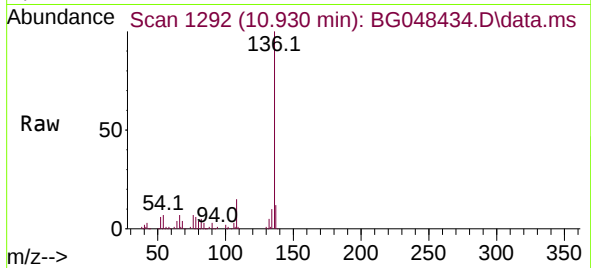




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.930 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

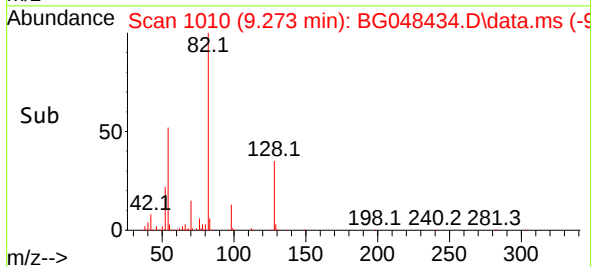
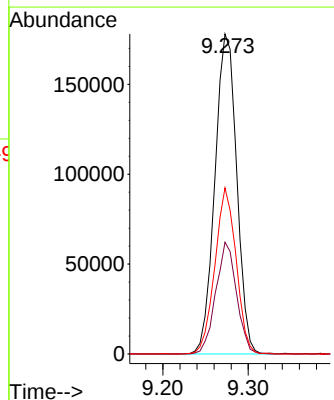
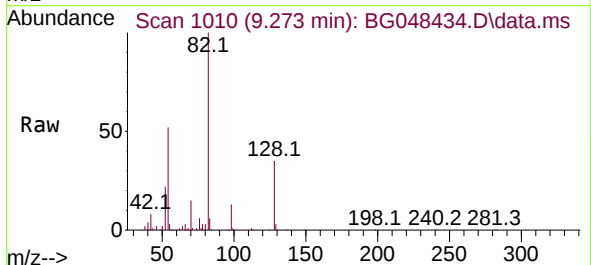
Instrument :
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ClientSampleId :
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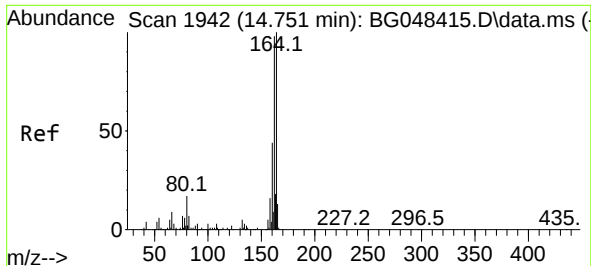
Tgt Ion:136	Resp: 204959
Ion Ratio	Lower Upper
136	100
137	12.1 9.1 13.7
54	6.9 6.2 9.4
68	4.4 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 61.72 ng
RT: 9.273 min Scan# 1010
Delta R.T. -0.008 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

Tgt Ion: 82	Resp: 316356
Ion Ratio	Lower Upper
82	100
128	34.9 37.0 55.6#
54	51.9 39.0 58.4

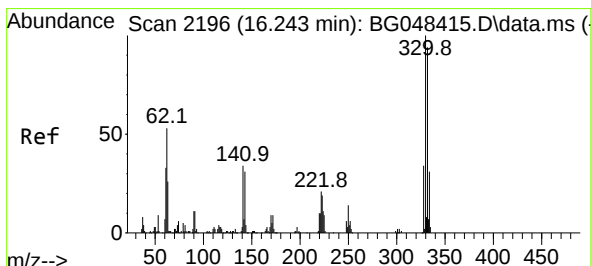
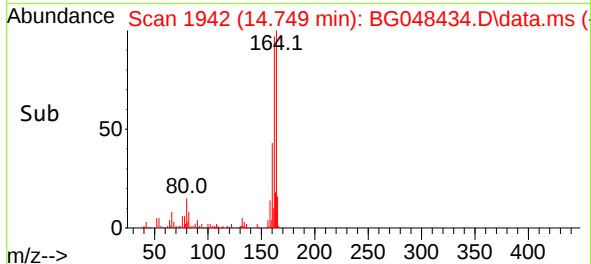
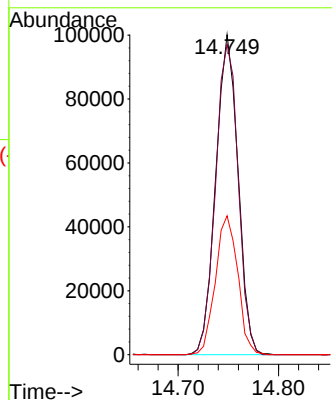
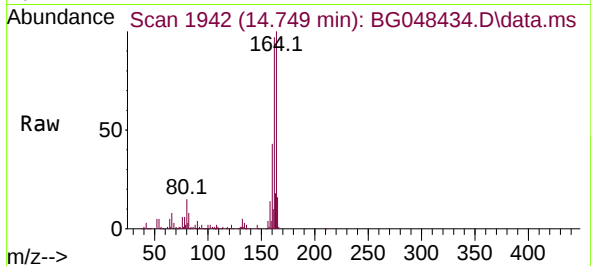




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.749 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

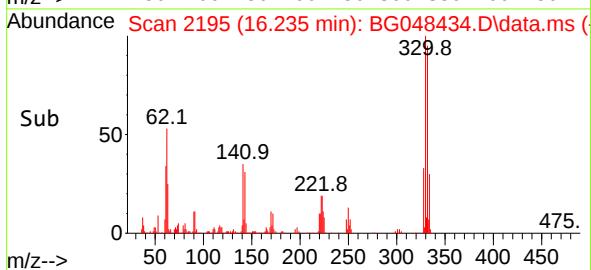
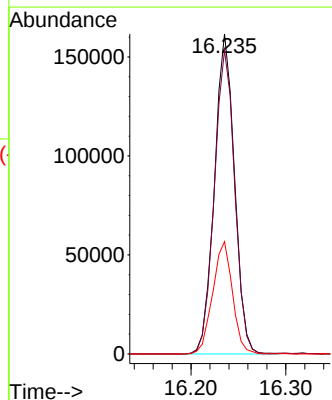
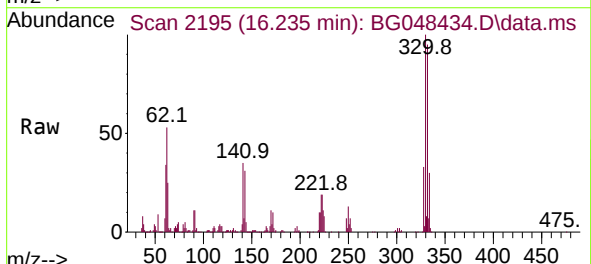
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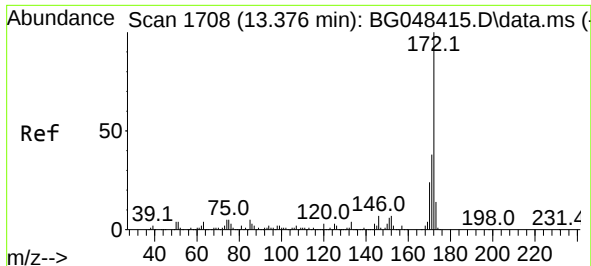
Tgt Ion:	164	Resp:	154245
Ion Ratio	Lower	Upper	
164	100		
162	97.0	82.3	123.5
160	43.4	35.3	52.9



#42
2,4,6-Tribromophenol
Concen: 94.53 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.008 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

Tgt Ion:	330	Resp:	237136
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.5	114.7
141	34.7	26.0	39.0

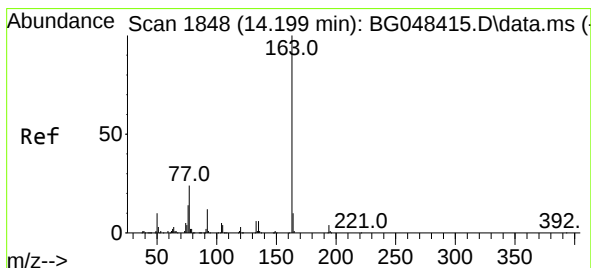
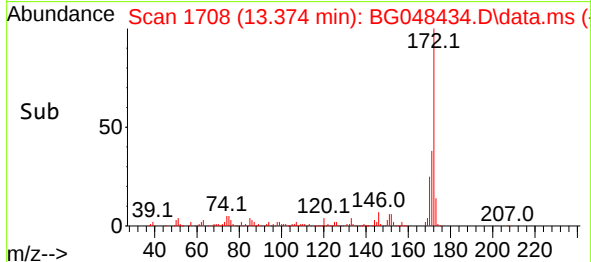
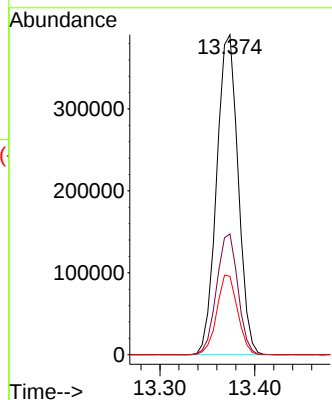
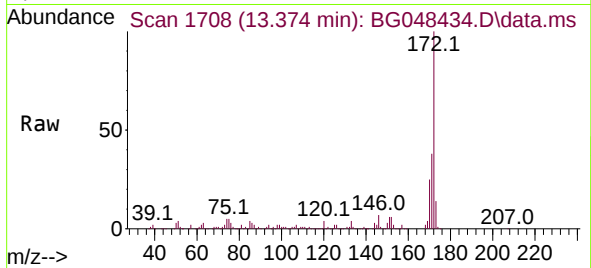




#45
2-Fluorobiphenyl
Concen: 57.35 ng
RT: 13.374 min Scan# 1708
Delta R.T. -0.002 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

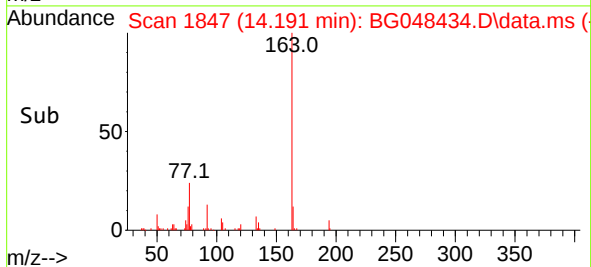
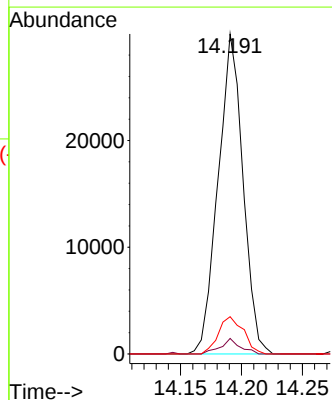
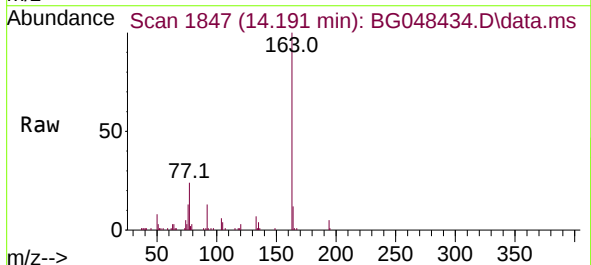
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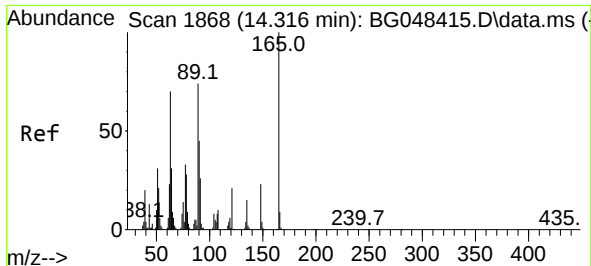
Tgt Ion:172	Resp: 614915
Ion Ratio	Lower Upper
172	100
171	37.7 31.3 46.9
170	24.5 20.8 31.2



#50
Dimethylphthalate
Concen: 3.39 ng
RT: 14.191 min Scan# 1847
Delta R.T. -0.008 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

Tgt Ion:163	Resp: 42506
Ion Ratio	Lower Upper
163	100
194	4.8 3.8 5.8
164	11.6 8.8 13.2

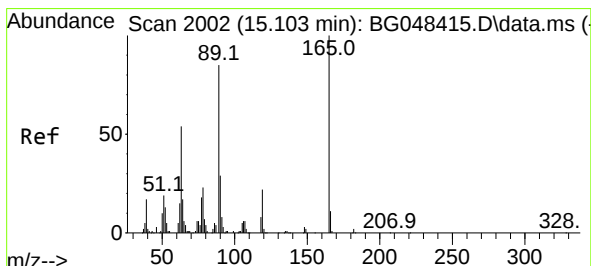
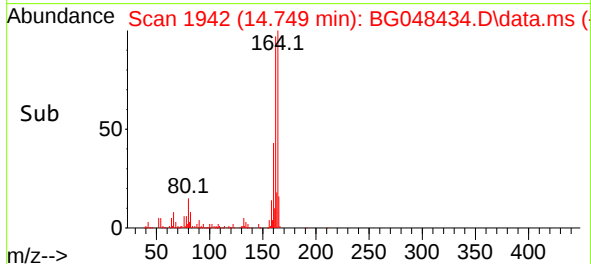
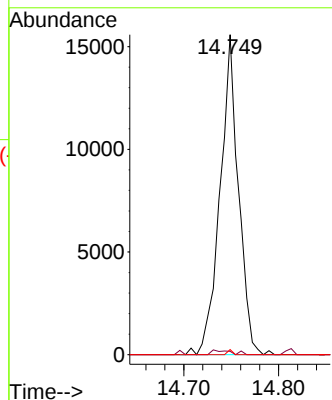
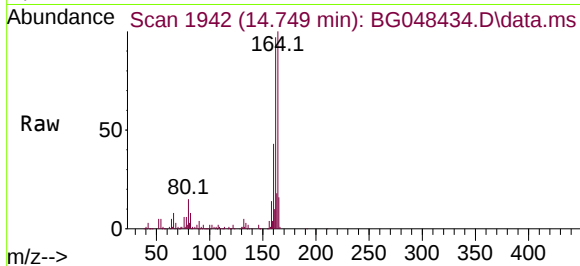




#51
2,6-Dinitrotoluene
Concen: 7.80 ng
RT: 14.749 min Scan# 1942
Delta R.T. 0.433 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

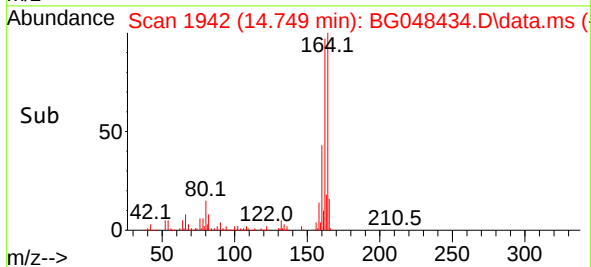
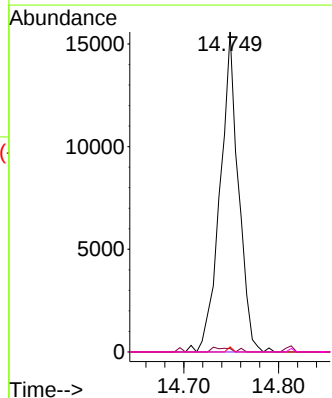
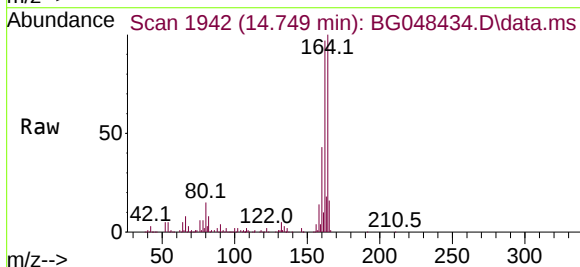
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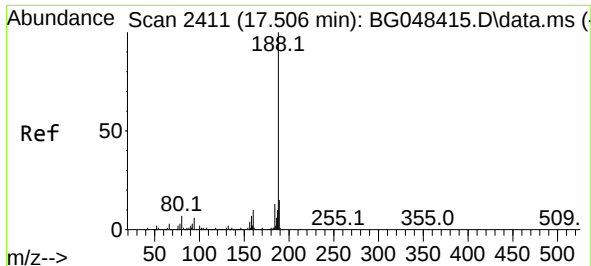
Tgt Ion:165 Resp: 21074
Ion Ratio Lower Upper
165 100
63 1.1 33.7 50.5#
89 1.6 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 14.749 min Scan# 1942
Delta R.T. -0.355 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

Tgt Ion:165 Resp: 21074
Ion Ratio Lower Upper
165 100
63 1.1 26.4 39.6#
89 1.6 47.8 71.8#
182 0.0 2.6 4.0#

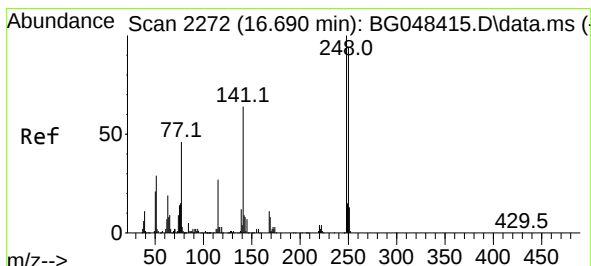
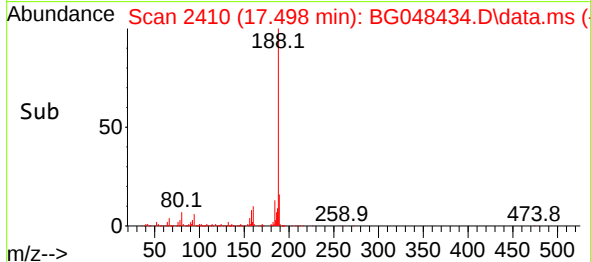
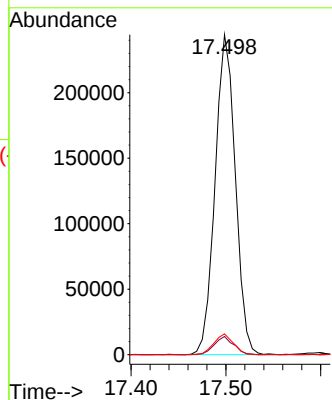
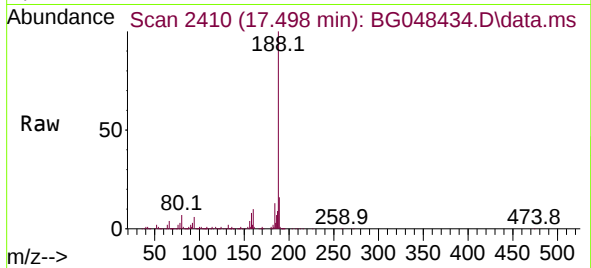




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.008 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

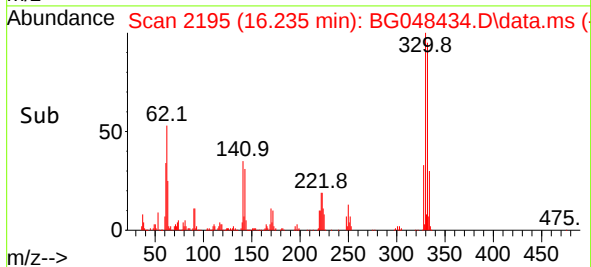
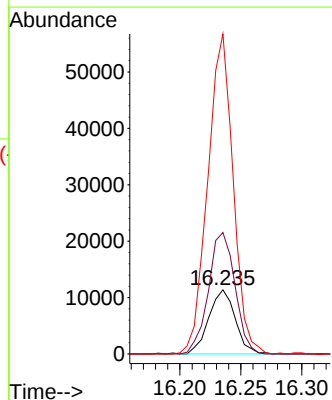
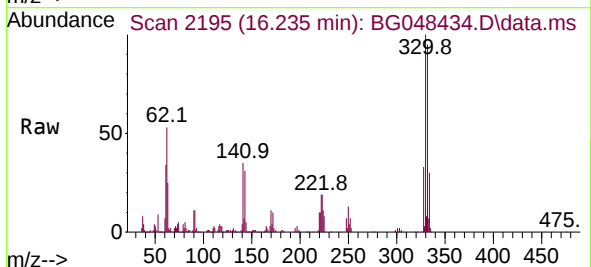
Instrument :
BNA_G
ClientSampleId :
TR-05-031821

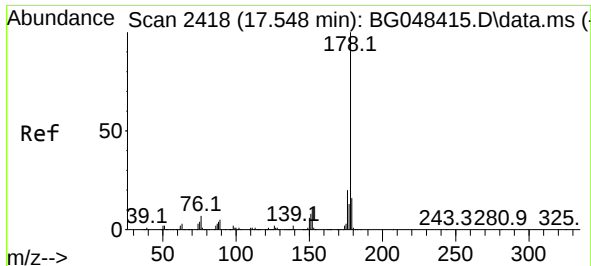
Tgt Ion:188 Resp: 362608
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 6.5 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.454 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

Tgt Ion:248 Resp: 17151
Ion Ratio Lower Upper
248 100
250 189.3 78.9 118.3#
141 498.9 46.2 69.4#

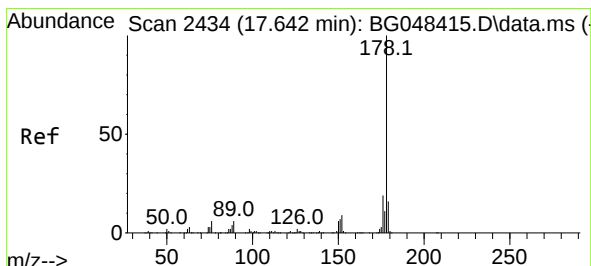
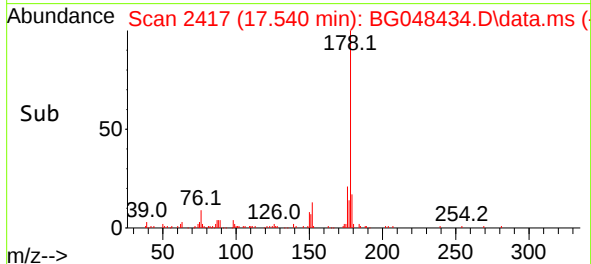
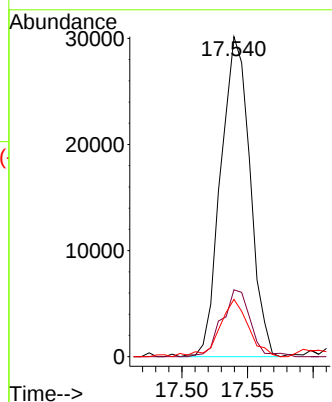
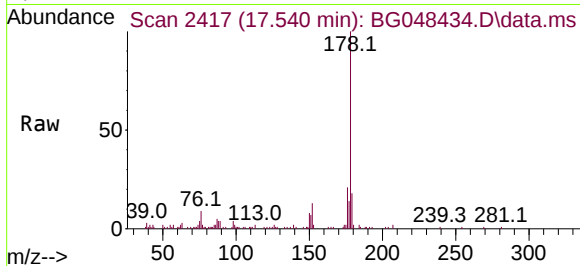




#71
Phenanthrene
Concen: 2.44 ng
RT: 17.540 min Scan# 2417
Delta R.T. -0.008 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

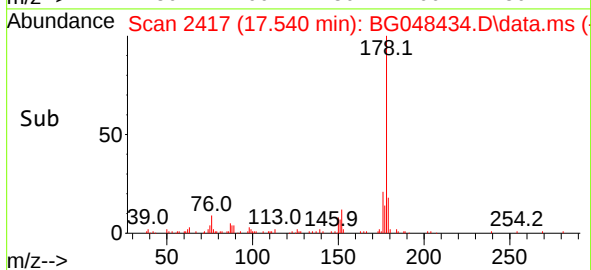
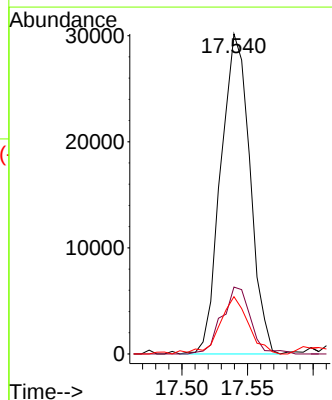
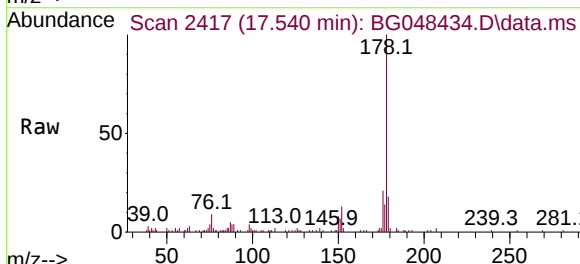
Instrument :
BNA_G
ClientSampleId :
TR-05-031821

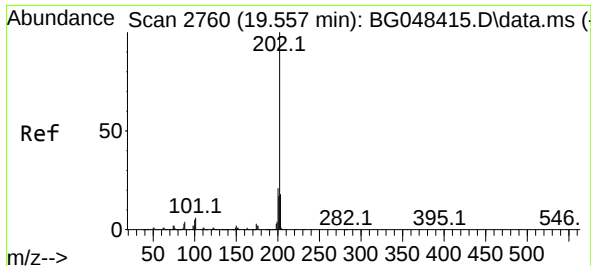
Tgt Ion:178 Resp: 46644
Ion Ratio Lower Upper
178 100
176 20.9 16.7 25.1
179 17.9 14.0 21.0



#72
Anthracene
Concen: 2.45 ng
RT: 17.540 min Scan# 2417
Delta R.T. -0.102 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

Tgt Ion:178 Resp: 46644
Ion Ratio Lower Upper
178 100
176 20.9 16.4 24.6
179 17.9 13.8 20.6

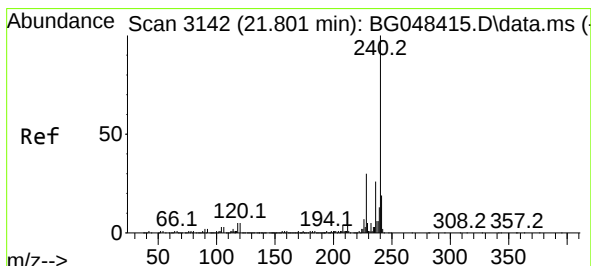
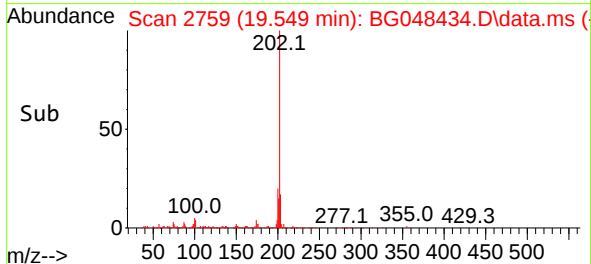
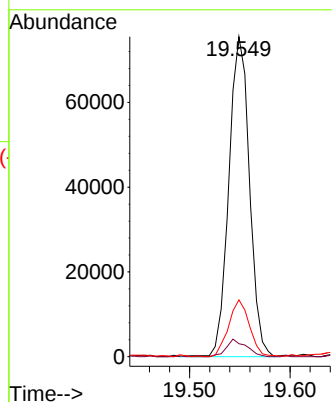
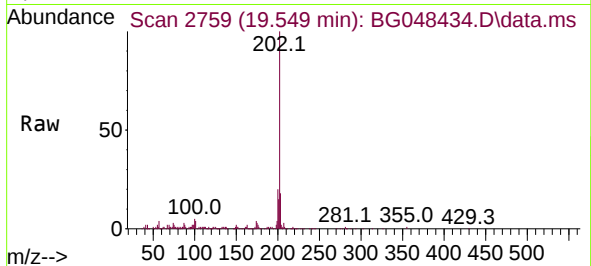




#75
Fluoranthene
Concen: 4.23 ng
RT: 19.549 min Scan# 2759
Delta R.T. -0.008 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

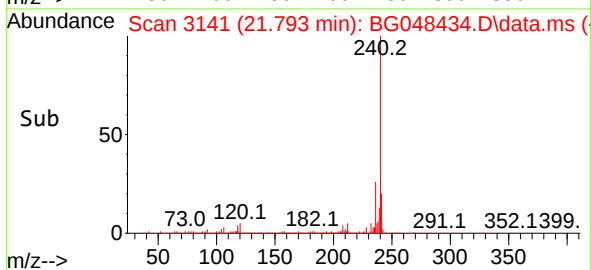
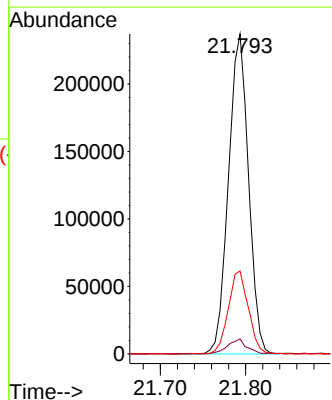
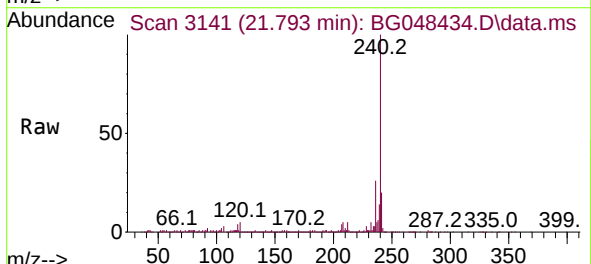
Instrument :
BNA_G
ClientSampleId :
TR-05-031821

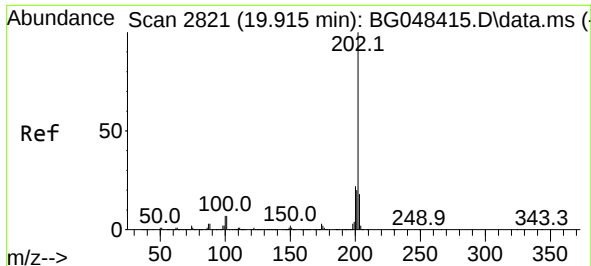
Tgt Ion:202 Resp: 107854
Ion Ratio Lower Upper
202 100
101 4.1 0.0 29.7
203 17.8 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

Tgt Ion:240 Resp: 387392
Ion Ratio Lower Upper
240 100
120 4.7 6.2 9.4#
236 25.9 20.5 30.7

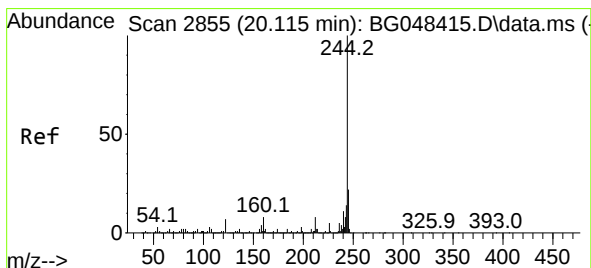
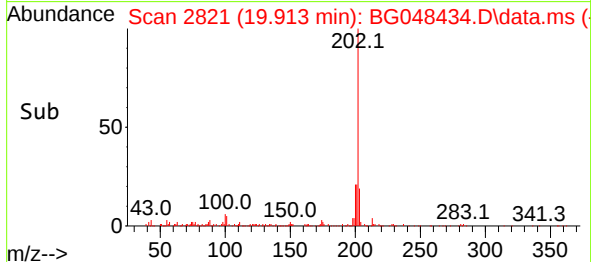
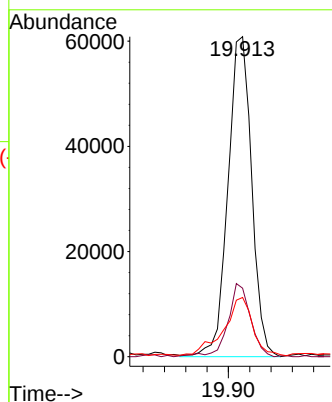
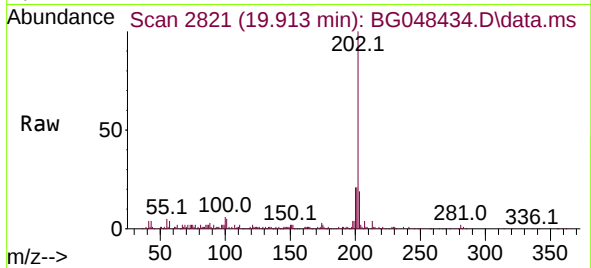




#78
 Pyrene
 Concen: 3.54 ng
 RT: 19.913 min Scan# 2821
 Delta R.T. -0.002 min
 Lab File: BG048434.D
 Acq: 19 Mar 2021 21:48

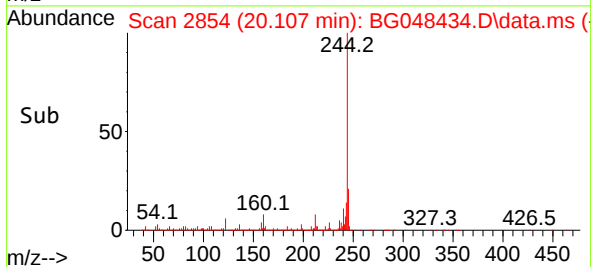
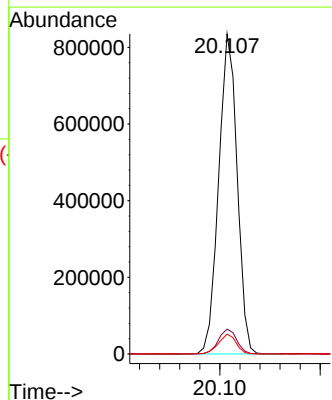
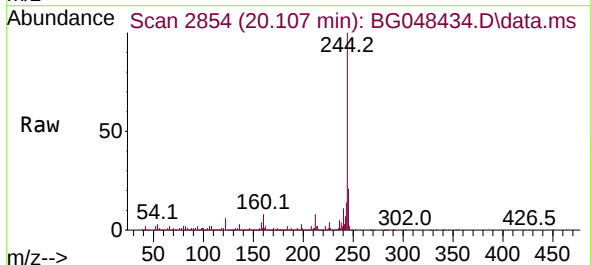
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-031821

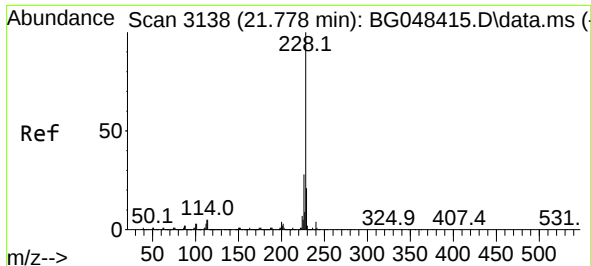
Tgt Ion:202	Resp:	94126
Ion Ratio	Lower	Upper
202	100	
200	21.4	18.6 27.8
203	18.5	15.3 22.9



#79
 Terphenyl-d14
 Concen: 49.58 ng
 RT: 20.107 min Scan# 2854
 Delta R.T. -0.008 min
 Lab File: BG048434.D
 Acq: 19 Mar 2021 21:48

Tgt Ion:244	Resp:	1064930
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.7 10.1
122	6.2	7.8 11.6#

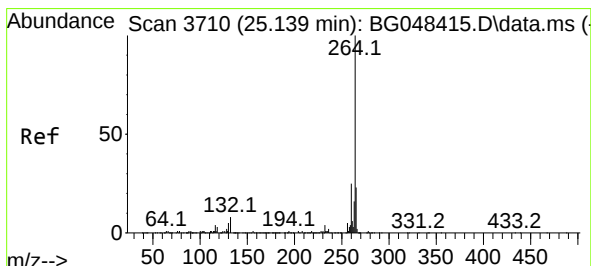
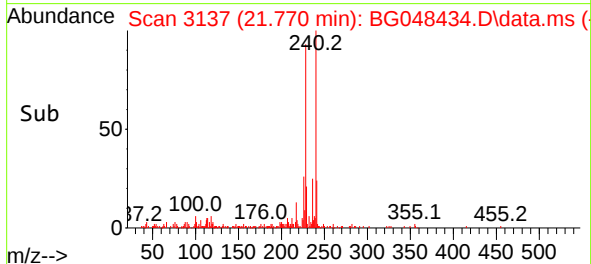
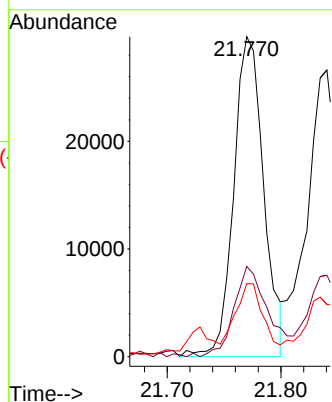
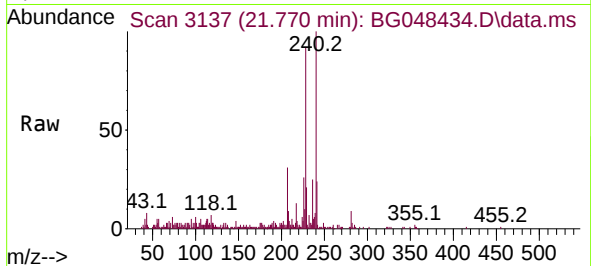




#81
Benzo(a)anthracene
Concen: 2.03 ng
RT: 21.770 min Scan# 3137
Delta R.T. -0.008 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

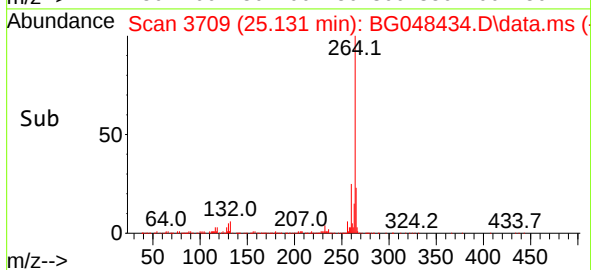
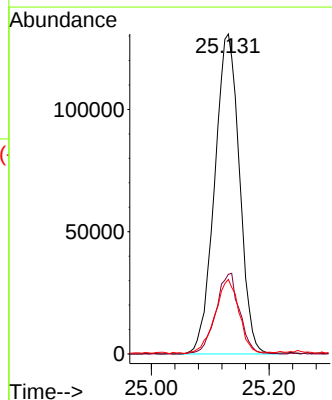
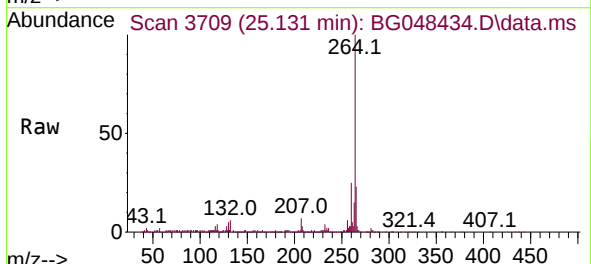
Instrument :
BNA_G
ClientSampleId :
TR-05-031821

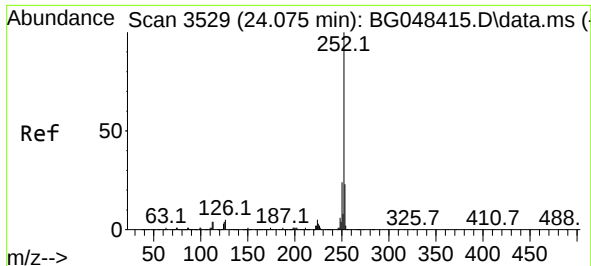
Tgt Ion:	228	Resp:	54503
Ion Ratio	Lower	Upper	
228	100		
226	28.2	23.3	34.9
229	22.8	17.4	26.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.131 min Scan# 3709
Delta R.T. -0.008 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

Tgt Ion:	264	Resp:	383353
Ion Ratio	Lower	Upper	
264	100		
260	24.9	18.8	28.2
265	23.3	17.8	26.8

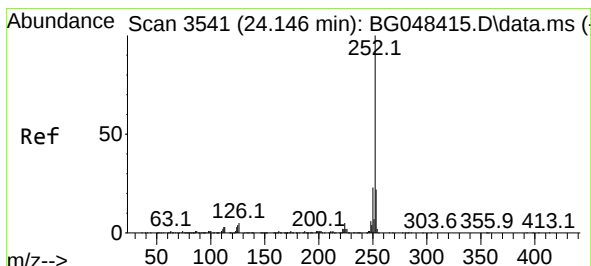
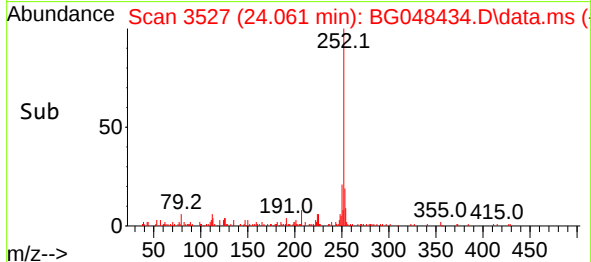
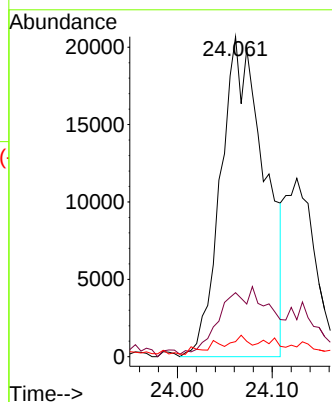
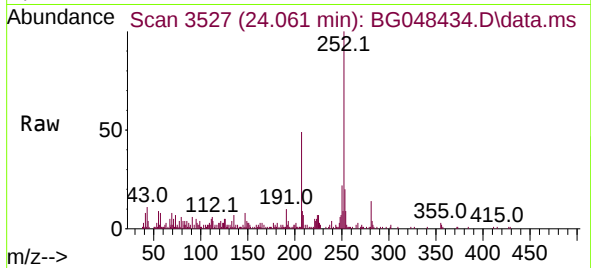




#88
Benzo(b)fluoranthene
Concen: 2.45 ng
RT: 24.061 min Scan# 3527
Delta R.T. -0.014 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

Instrument :
BNA_G
ClientSampled :
TR-05-031821

Tgt Ion:252 Resp: 66143
Ion Ratio Lower Upper
252 100
253 20.0 18.7 28.1
125 4.7 6.5 9.7#



#89
Benzo(k)fluoranthene
Concen: 2.59 ng
RT: 24.061 min Scan# 3527
Delta R.T. -0.084 min
Lab File: BG048434.D
Acq: 19 Mar 2021 21:48

Tgt Ion:252 Resp: 66143
Ion Ratio Lower Upper
252 100
253 20.0 18.6 27.8
125 4.7 6.8 10.2#

