

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
 Data File : BG048404.D
 Acq On : 17 Mar 2021 19:09
 Operator : CG/JU
 Sample : M1689-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-LA-4-4-WC

Quant Time: Mar 18 00:19:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 16 16:05:10 2021
 Response via : Initial Calibration

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

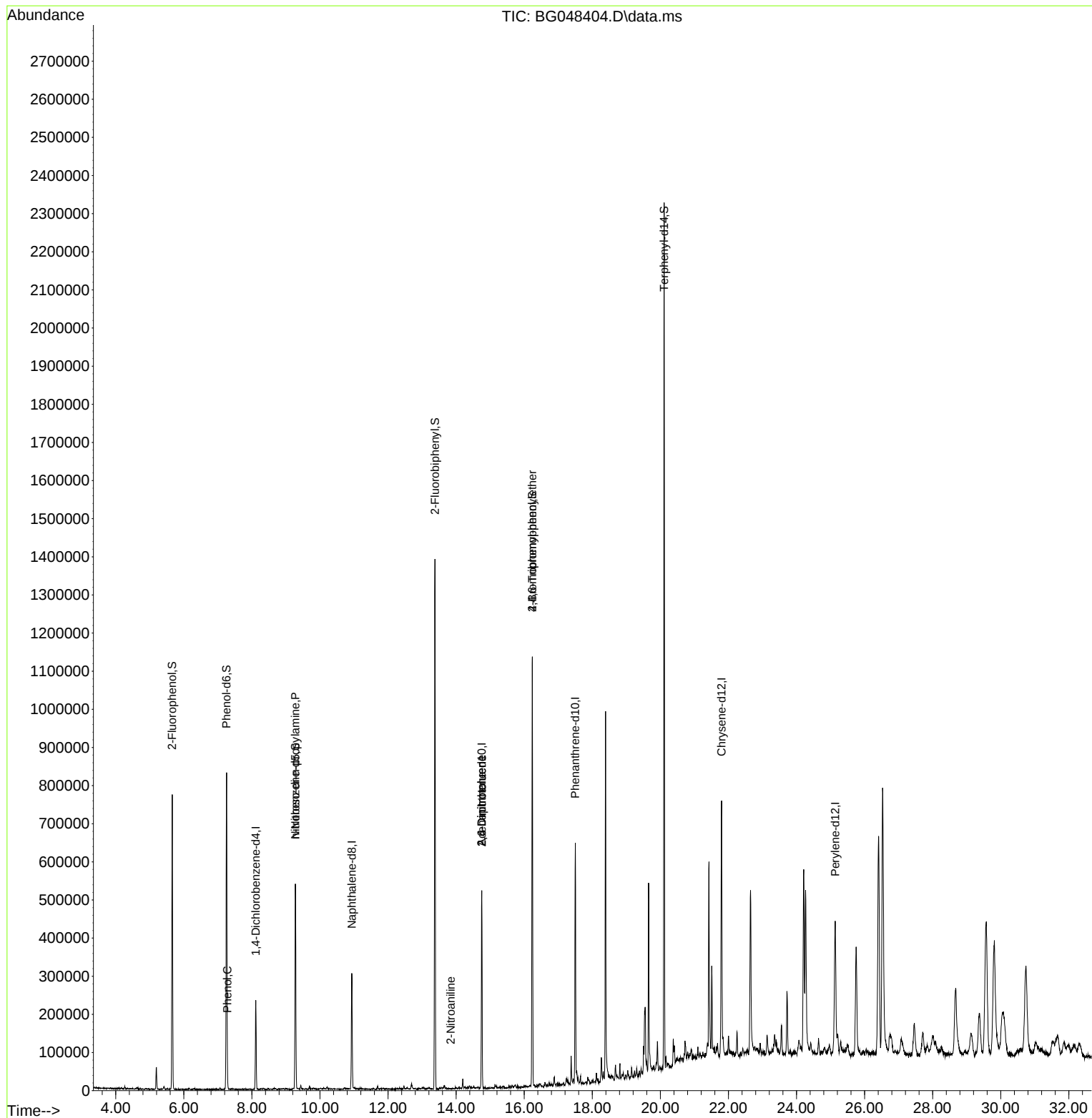
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	57392	20.00	ng	# 0.00
21) Naphthalene-d8	10.934	136	233823	20.00	ng	# 0.00
39) Acenaphthene-d10	14.753	164	183912	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	398796	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	390900	20.00	ng	# 0.00
86) Perylene-d12	25.135	264	395325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	290286	86.88	ng	0.00
7) Phenol-d6	7.256	99	410788	83.45	ng	0.00
23) Nitrobenzene-d5	9.277	82	324263	61.62	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	205669	87.41	ng	0.00
45) 2-Fluorobiphenyl	13.378	172	680958	52.18	ng	0.00
79) Terphenyl-d14	20.111	244	1035725	51.21	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.250	77	2084	Below Cal	#	30
10) Phenol	7.279	94	10380	2.07	ng	# 28
19) n-Nitroso-di-n-propyla...	9.277	70	49904	13.16	ng	# 74
48) 2-Nitroaniline	13.842	65	57	3.48	ng	# 1
51) 2,6-Dinitrotoluene	14.753	165	24862	9.24	ng	# 33
57) 2,4-Dinitrotoluene	14.753	165	24862	7.87	ng	# 32
67) 4-Bromophenyl-phenylether	16.239	248	14744	3.08	ng	# 1

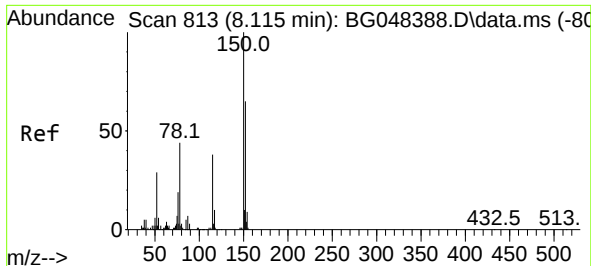
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048404.D
Acq On : 17 Mar 2021 19:09
Operator : CG/JU
Sample : M1689-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
R-LA-4-4-WC

Quant Time: Mar 18 00:19:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 16 16:05:10 2021
Response via : Initial Calibration

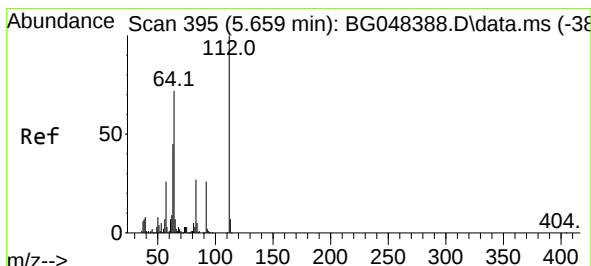
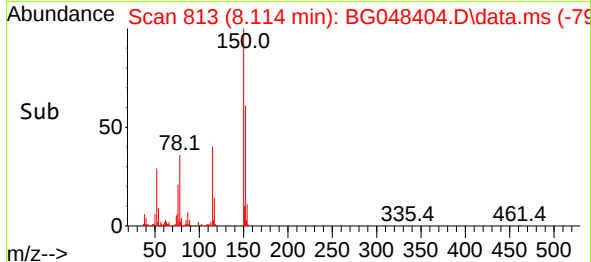
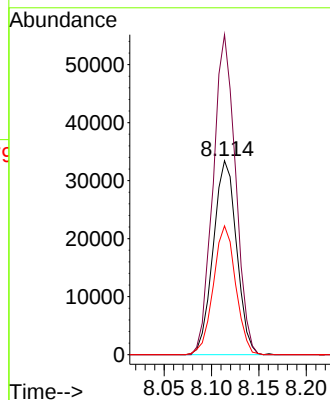
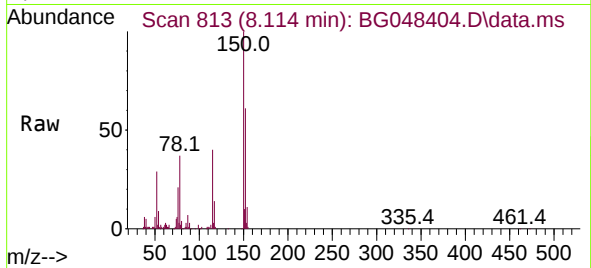




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.114 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

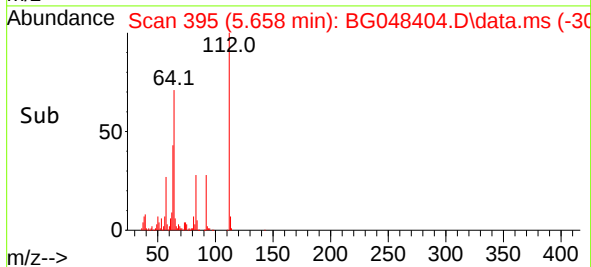
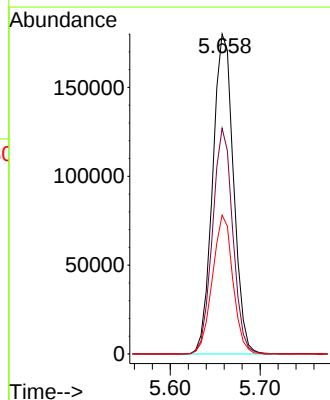
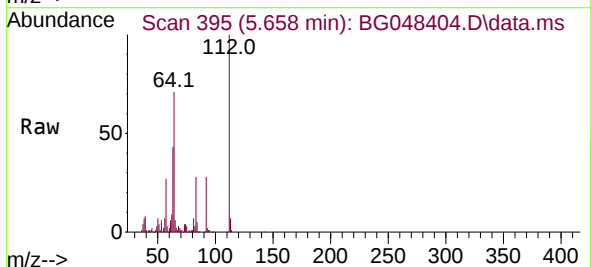
Instrument :
BNA_G
ClientSampleId :
R-LA-4-4-WC

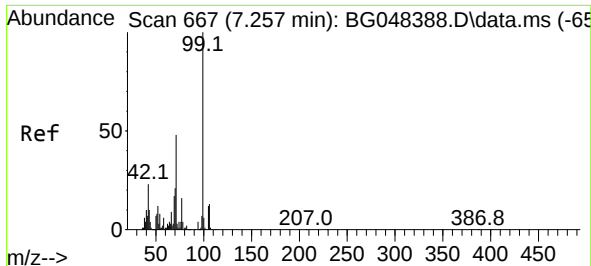
Tgt Ion:152 Resp: 57392
Ion Ratio Lower Upper
152 100
150 165.0 125.0 187.6
115 66.5 41.8 62.6#



#5
2-Fluorophenol
Concen: 86.88 ng
RT: 5.658 min Scan# 395
Delta R.T. -0.002 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

Tgt Ion:112 Resp: 290286
Ion Ratio Lower Upper
112 100
64 70.5 46.7 70.1#
63 43.4 22.8 34.2#

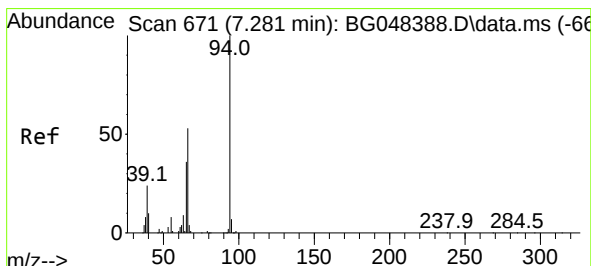
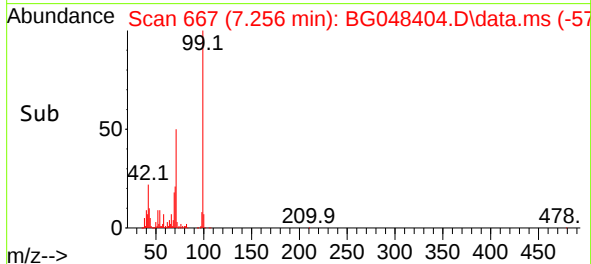
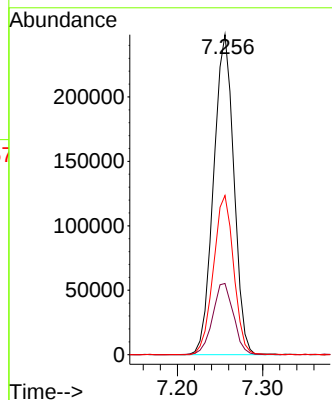
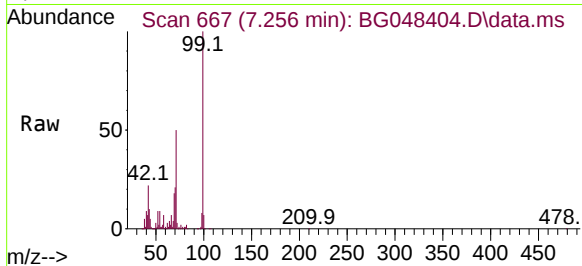




#7
Phenol-d6
Concen: 83.45 ng
RT: 7.256 min Scan# 667
Delta R.T. -0.002 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

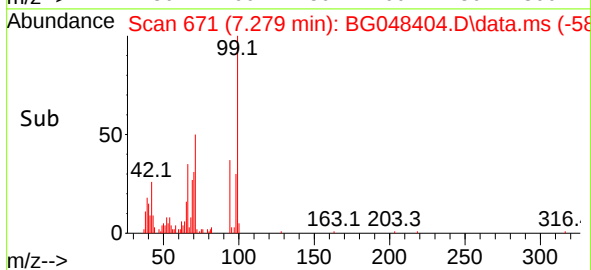
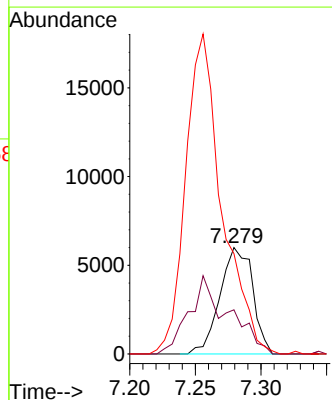
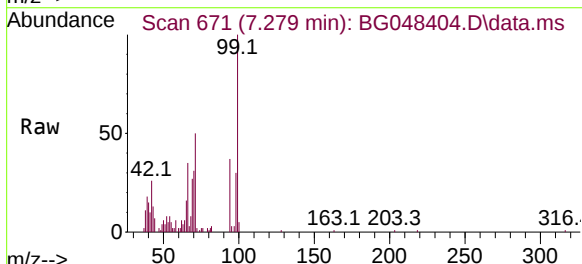
Instrument :
BNA_G
ClientSampleId :
R-LA-4-4-WC

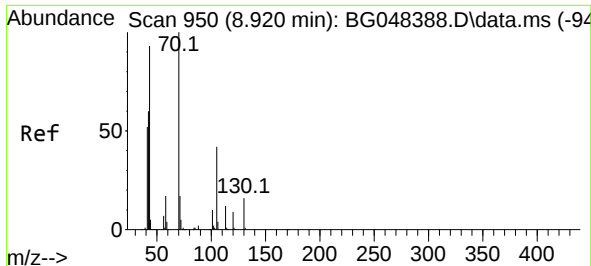
Tgt Ion: 99 Resp: 410788
Ion Ratio Lower Upper
99 100
42 22.2 12.8 19.2#
71 49.8 24.6 36.8#



#10
Phenol
Concen: 2.07 ng
RT: 7.279 min Scan# 671
Delta R.T. -0.002 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

Tgt Ion: 94 Resp: 10380
Ion Ratio Lower Upper
94 100
65 41.5 6.6 46.6
66 94.3 13.9 53.9#

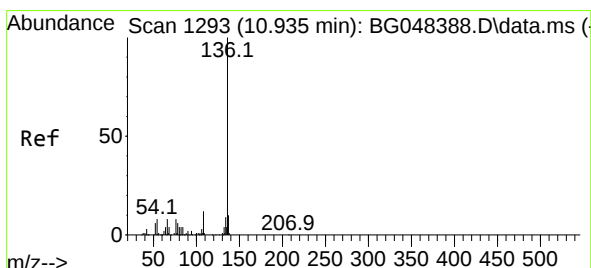
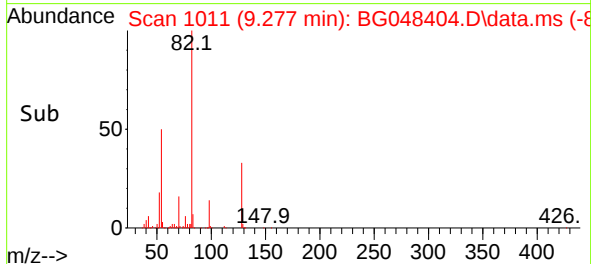
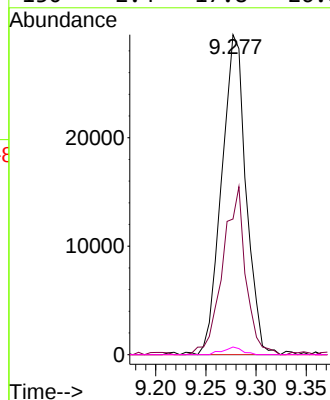
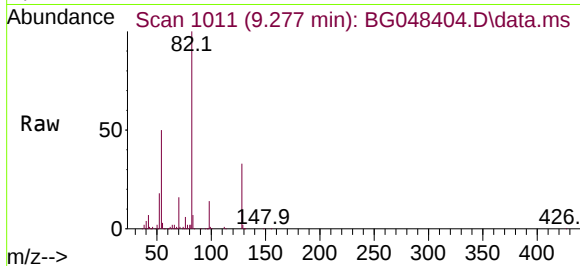




#19
n-Nitroso-di-n-propylamine
Concen: 13.16 ng
RT: 9.277 min Scan# 1011
Delta R.T. 0.357 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

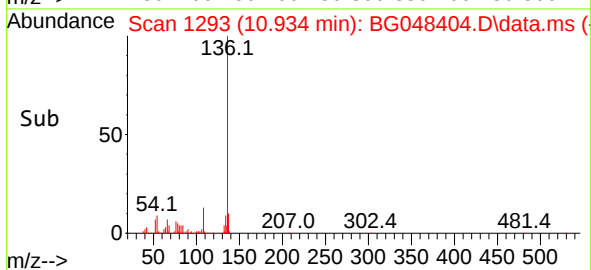
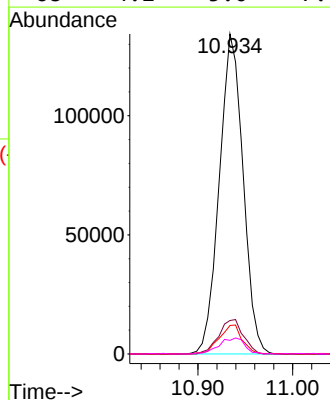
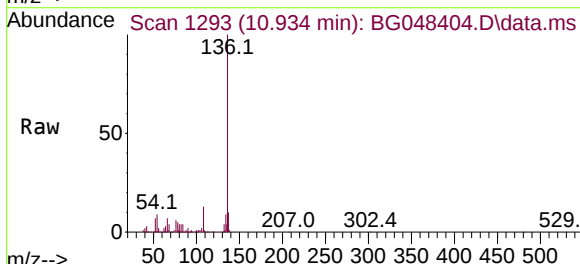
Instrument :
BNA_G
ClientSampleId :
R-LA-4-4-WC

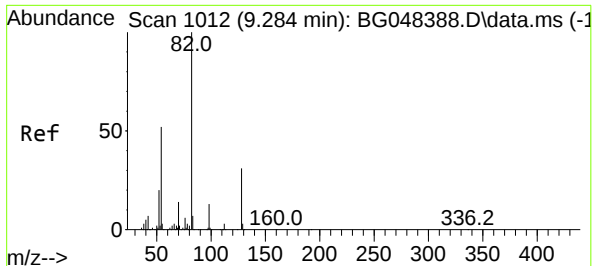
Tgt Ion:	70	Resp:	49904
Ion	Ratio	Lower	Upper
70	100		
42	42.4	45.6	68.4#
101	0.0	8.4	12.6#
130	2.4	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.934 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

Tgt Ion:	136	Resp:	233823
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	8.9	6.2	9.4
68	4.2	5.0	7.4#

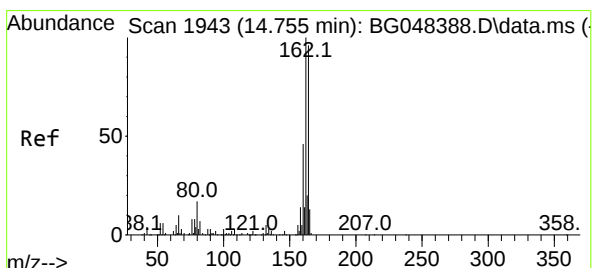
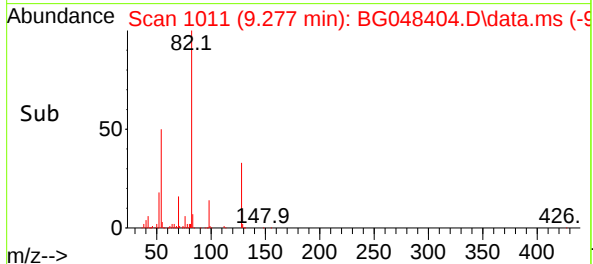
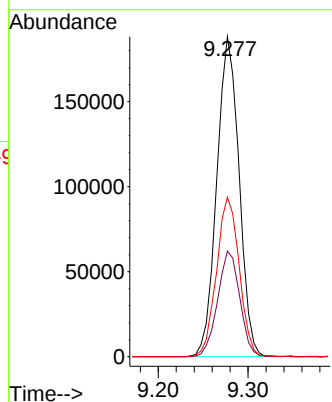
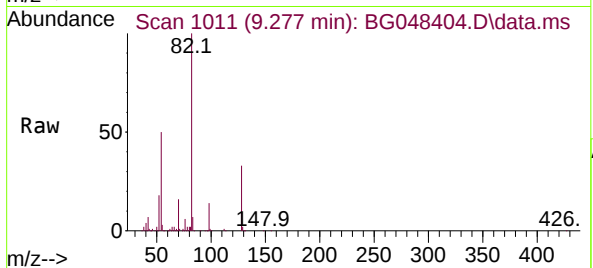




#23
Nitrobenzene-d5
Concen: 61.62 ng
RT: 9.277 min Scan# 1011
Delta R.T. -0.007 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

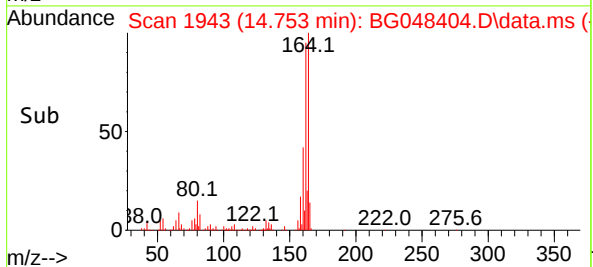
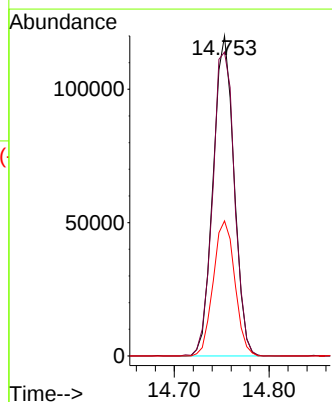
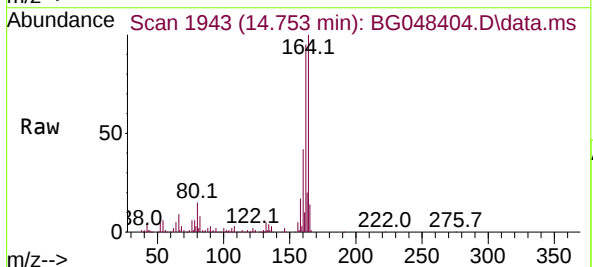
Instrument :
BNA_G
ClientSampleId :
R-LA-4-4-WC

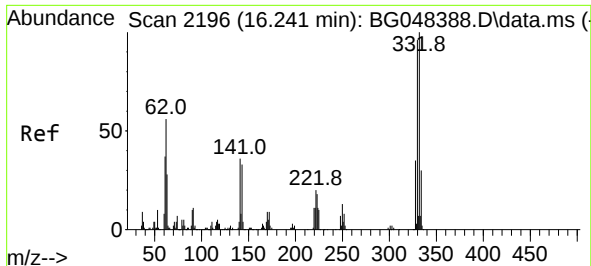
Tgt Ion: 82 Resp: 324263
Ion Ratio Lower Upper
82 100
128 33.0 37.0 55.6#
54 49.8 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.753 min Scan# 1943
Delta R.T. -0.002 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

Tgt Ion: 164 Resp: 183912
Ion Ratio Lower Upper
164 100
162 95.0 82.3 123.5
160 42.2 35.3 52.9

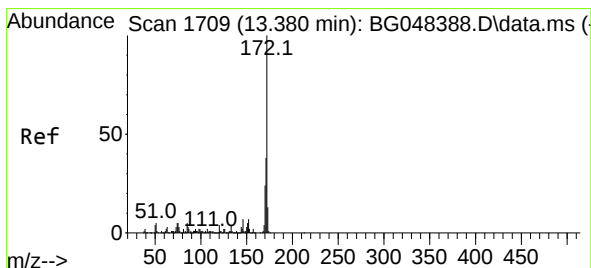
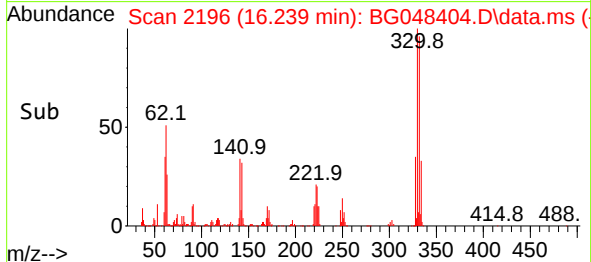
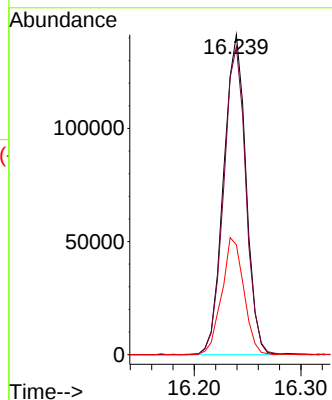
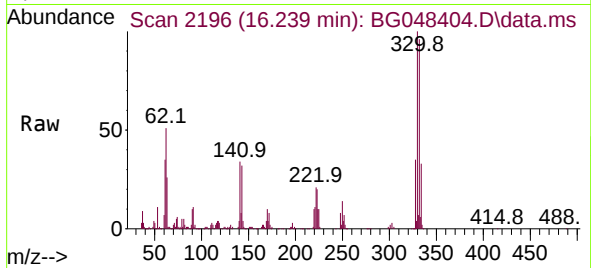




#42
2,4,6-Tribromophenol
Concen: 87.41 ng
RT: 16.239 min Scan# 2196
Delta R.T. -0.002 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

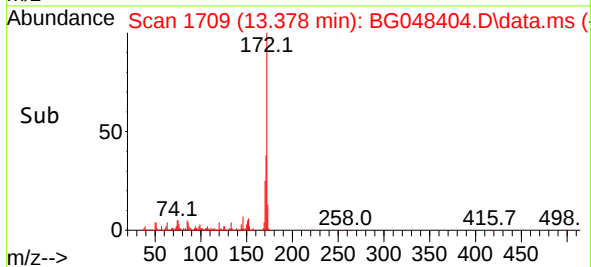
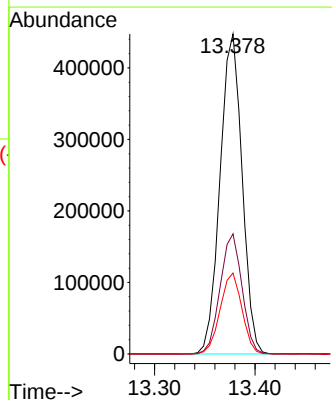
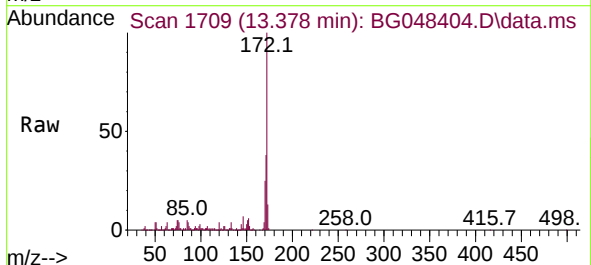
Instrument :
BNA_G
ClientSampleId :
R-LA-4-4-WC

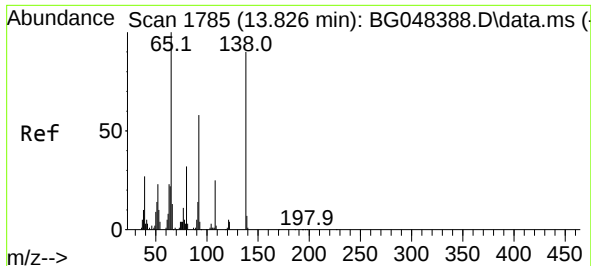
Tgt Ion:330 Resp: 205669
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 36.1 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 52.18 ng
RT: 13.378 min Scan# 1709
Delta R.T. -0.002 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

Tgt Ion:172 Resp: 680958
Ion Ratio Lower Upper
172 100
171 37.5 31.3 46.9
170 25.3 20.8 31.2

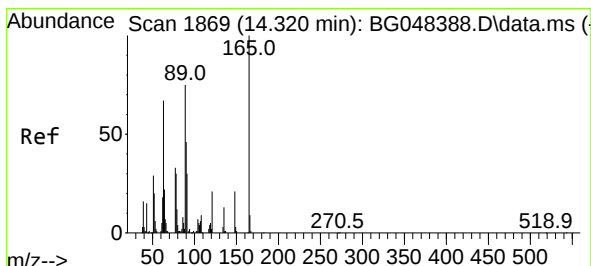
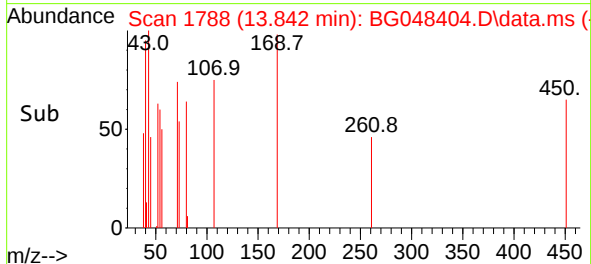
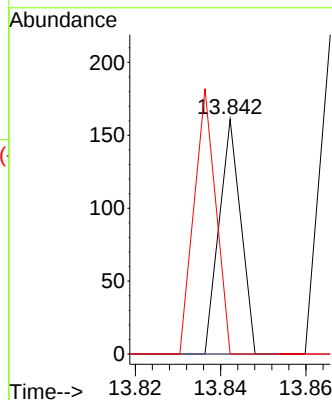
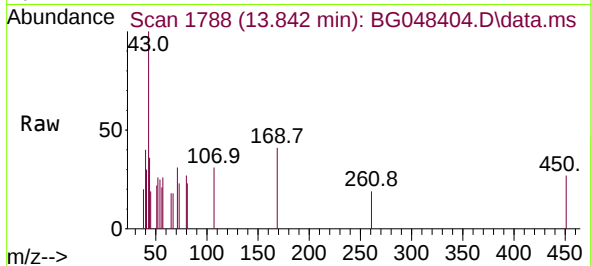




#48
2-Nitroaniline
Concen: 3.48 ng
RT: 13.842 min Scan# 1788
Delta R.T. 0.016 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

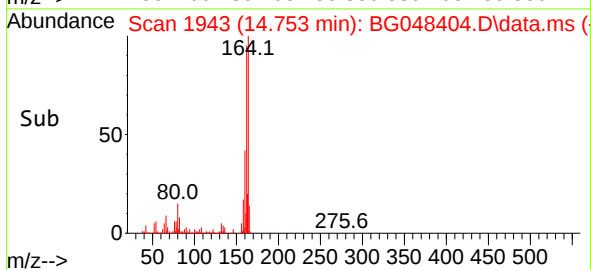
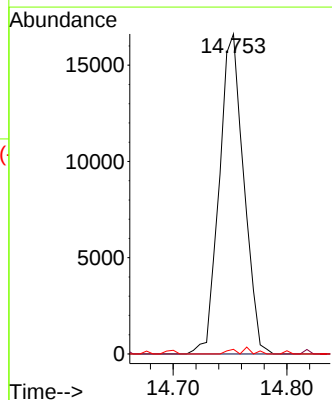
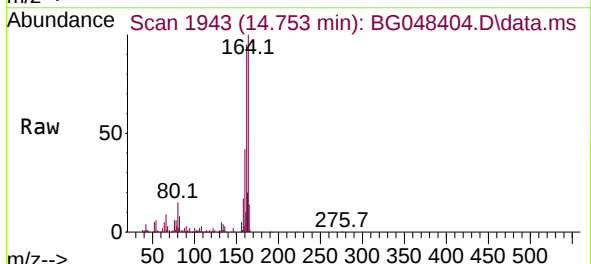
Instrument :
BNA_G
ClientSampled :
R-LA-4-4-WC

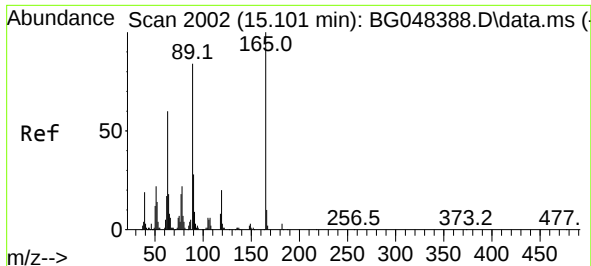
Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
92 0.0 58.6 88.0#
138 0.0 98.2 147.4#



#51
2,6-Dinitrotoluene
Concen: 9.24 ng
RT: 14.753 min Scan# 1943
Delta R.T. 0.433 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

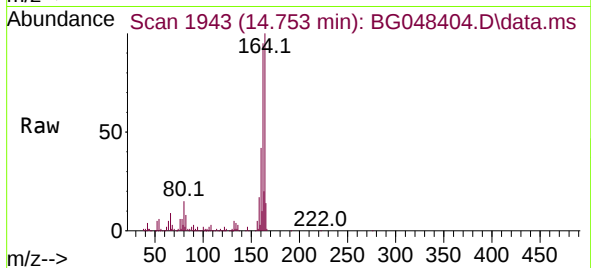
Tgt Ion: 165 Resp: 24862
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.5 36.6 54.8#



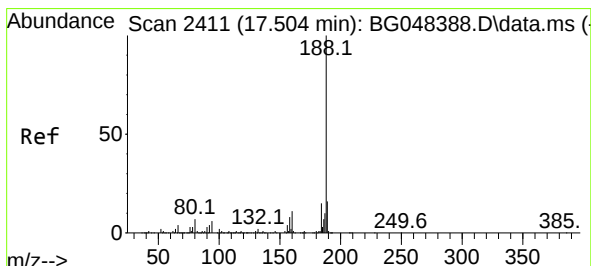
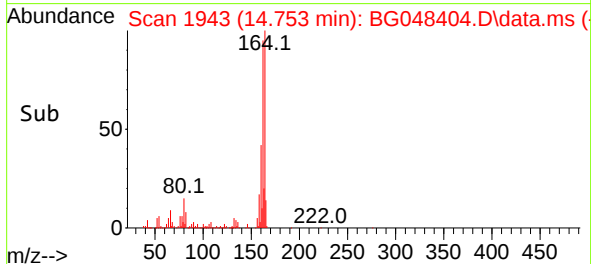
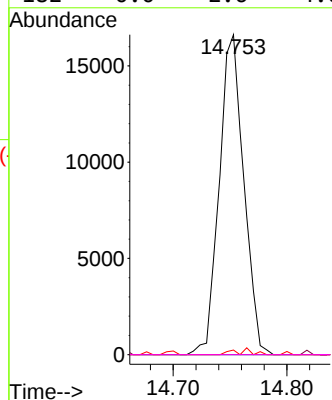


#57
2,4-Dinitrotoluene
Concen: 7.87 ng
RT: 14.753 min Scan# 1943
Delta R.T. -0.348 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

Instrument :
BNA_G
ClientSampleId :
R-LA-4-4-WC

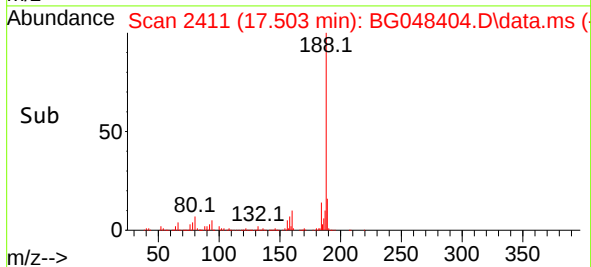
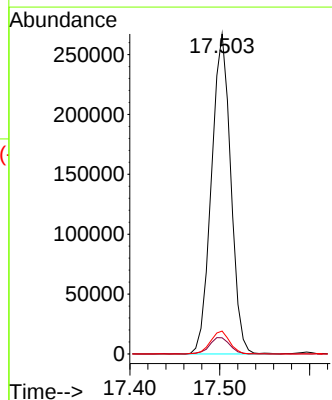
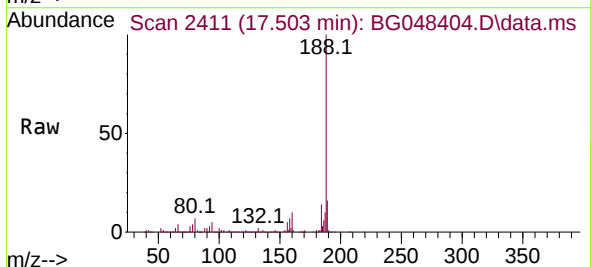


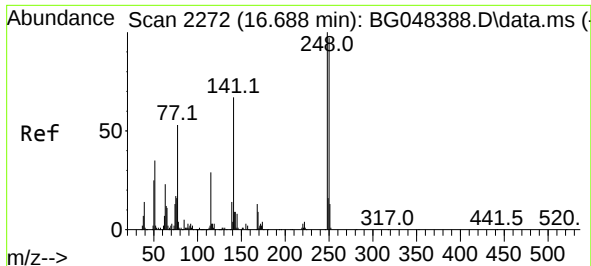
Tgt Ion:165	Resp:	24862
Ion Ratio	Lower	Upper
165	100	
63	0.0	26.4
89	1.5	47.8
182	0.0	2.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.001 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

Tgt Ion:188	Resp:	398796
Ion Ratio	Lower	Upper
188	100	
94	5.1	6.3
80	7.1	7.0

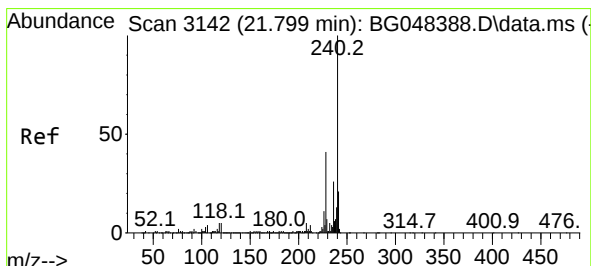
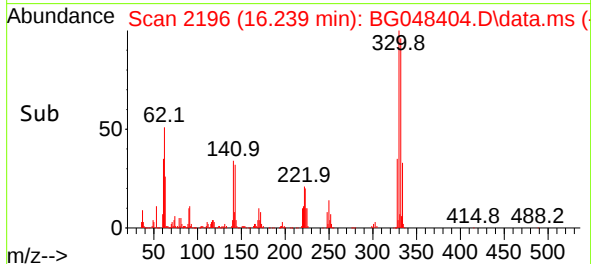
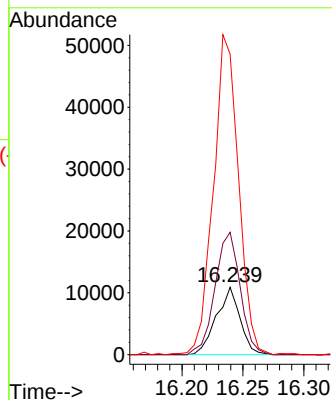
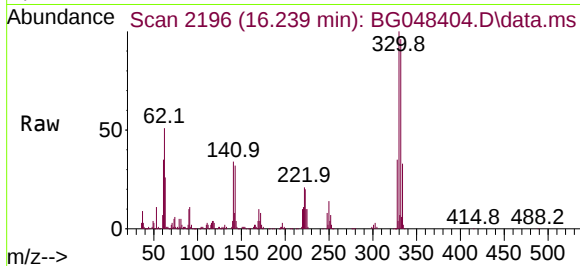




#67
4-Bromophenyl-phenylether
Concen: 3.08 ng
RT: 16.239 min Scan# 2196
Delta R.T. -0.448 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

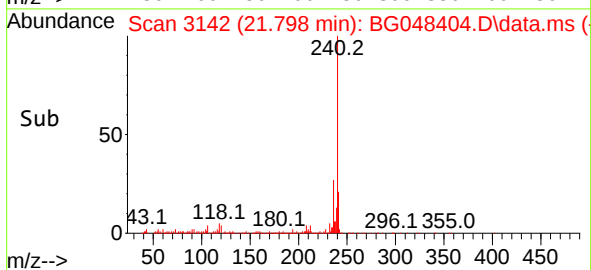
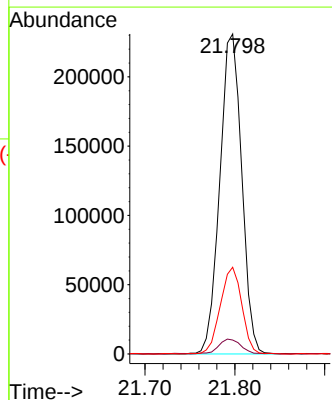
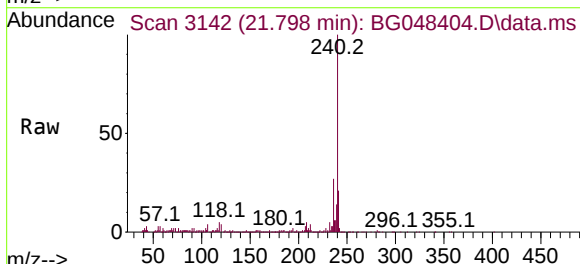
Instrument :
BNA_G
ClientSampleId :
R-LA-4-4-WC

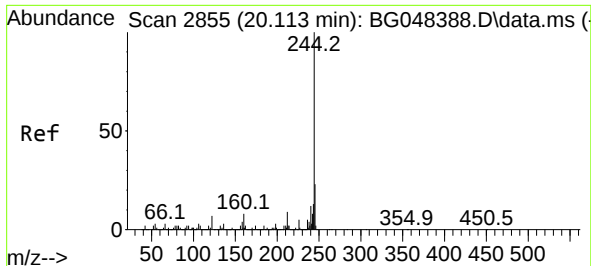
Tgt Ion	Ratio	Lower	Upper
248	100		
250	181.6	78.9	118.3#
141	445.6	46.2	69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.001 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.3	6.2	9.4#
236	27.1	20.5	30.7

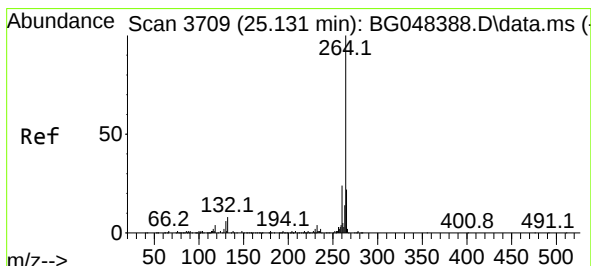
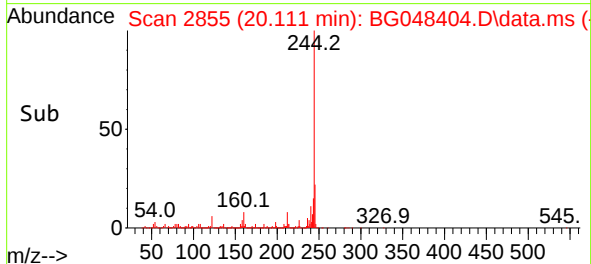
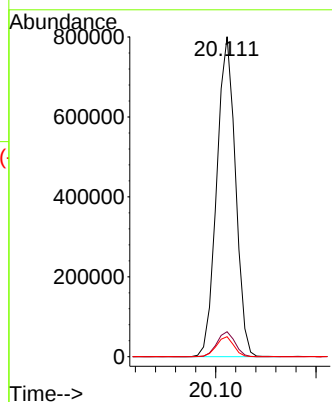
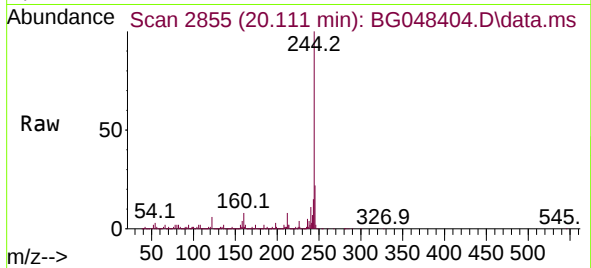




#79
Terphenyl-d14
Concen: 51.21 ng
RT: 20.111 min Scan# 2855
Delta R.T. -0.002 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

Instrument :
BNA_G
ClientSampleId :
R-LA-4-4-WC

Tgt Ion:244 Resp: 1035725
Ion Ratio Lower Upper
244 100
212 7.8 6.7 10.1
122 6.2 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.135 min Scan# 3710
Delta R.T. 0.004 min
Lab File: BG048404.D
Acq: 17 Mar 2021 19:09

Tgt Ion:264 Resp: 395325
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 20.3 17.8 26.8

