

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048805.D
 Acq On : 20 Apr 2021 22:13
 Operator : CG/JU
 Sample : M2076-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-0-2.0

Quant Time: Apr 21 04:33:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

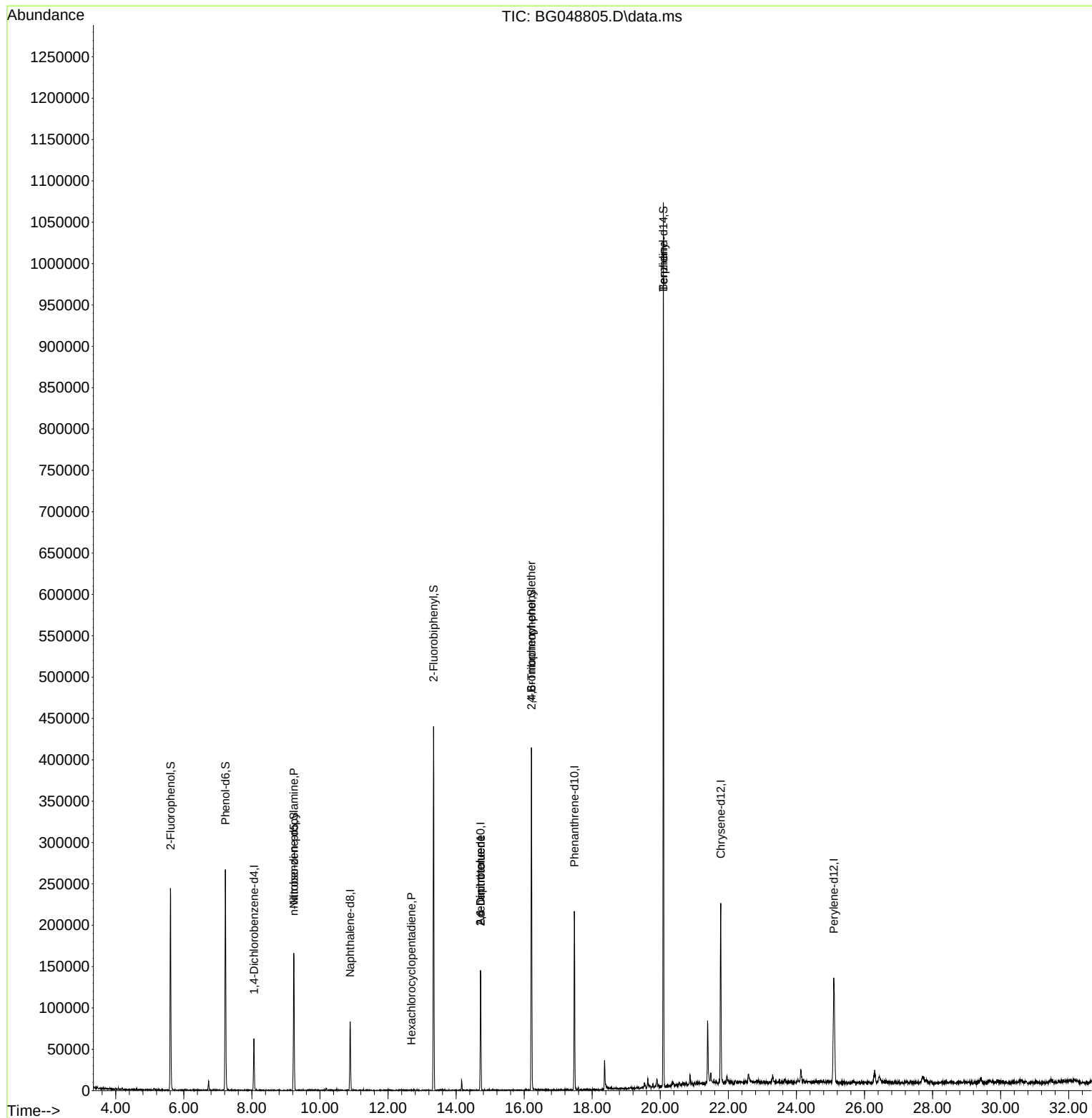
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	14633	20.00	ng	0.00
21) Naphthalene-d8	10.888	136	65151	20.00	ng	# 0.00
39) Acenaphthene-d10	14.719	164	48106	20.00	ng	0.00
64) Phenanthrene-d10	17.475	188	132411	20.00	ng	# 0.00
76) Chrysene-d12	21.776	240	132074	20.00	ng	0.00
86) Perylene-d12	25.095	264	128616	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	96555	110.36	ng	0.00
7) Phenol-d6	7.222	99	127066	102.68	ng	0.00
23) Nitrobenzene-d5	9.232	82	92608	63.64	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	66893	103.71	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	209995	63.04	ng	0.00
79) Terphenyl-d14	20.089	244	439567	57.28	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.237	70	14549	17.43	ng	# 72
41) Hexachlorocyclopentadiene	12.686	237	78	5.94	ng	# 31
51) 2,6-Dinitrotoluene	14.719	165	6693	8.04	ng	# 12
57) 2,4-Dinitrotoluene	14.719	165	6693	5.54	ng	# 17
67) 4-Bromophenyl-phenylether	16.212	248	4964	3.26	ng	# 1
77) Benzidine	20.089	184	9168	2.56	ng	# 88

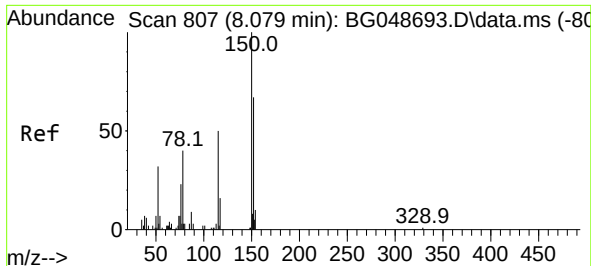
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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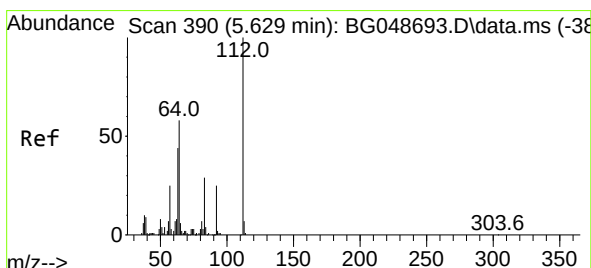
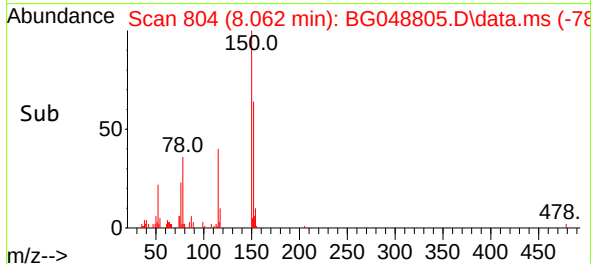
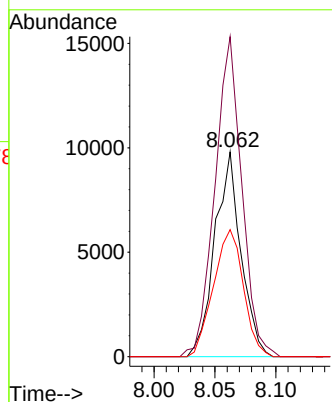
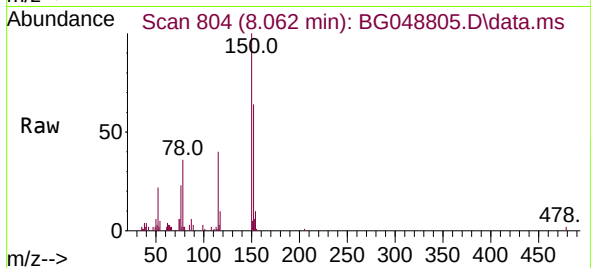




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.062 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

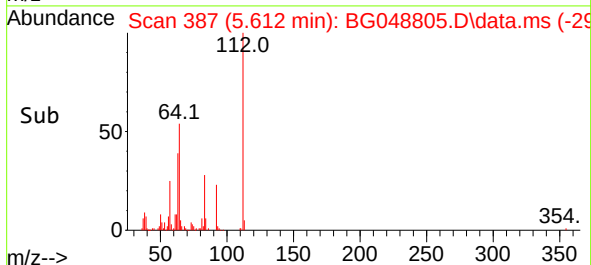
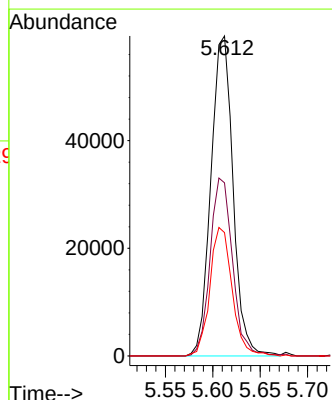
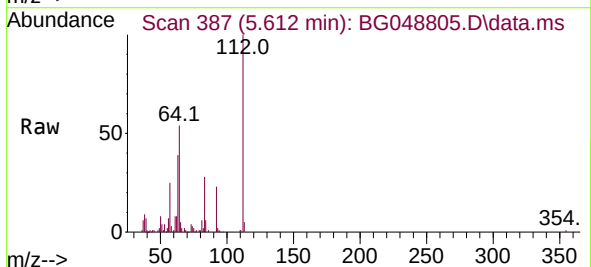
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

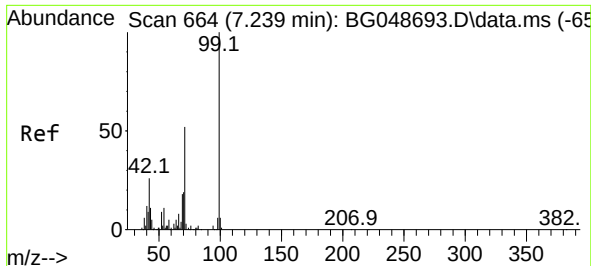
Tgt Ion:152 Resp: 14633
Ion Ratio Lower Upper
152 100
150 156.3 119.4 179.0
115 62.0 60.2 90.4



#5
2-Fluorophenol
Concen: 110.36 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.007 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

Tgt Ion:112 Resp: 96555
Ion Ratio Lower Upper
112 100
64 54.1 46.7 70.1
63 38.5 35.3 52.9

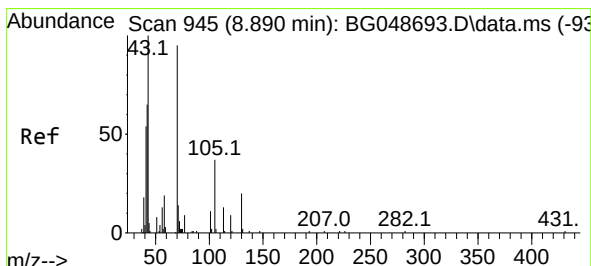
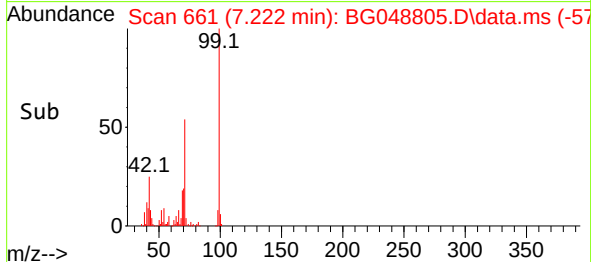
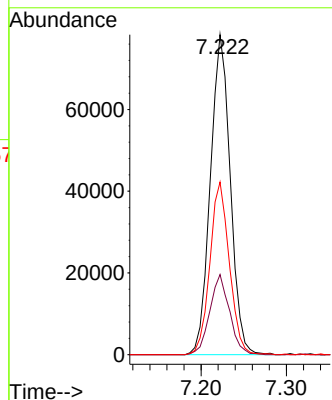
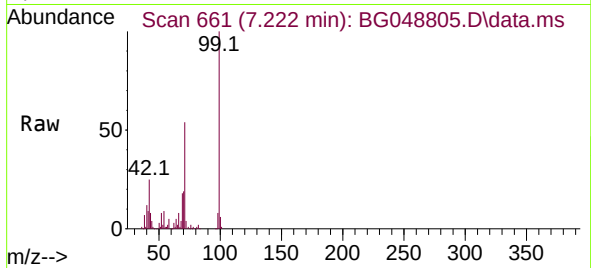




#7
Phenol-d6
Concen: 102.68 ng
RT: 7.222 min Scan# 661
Delta R.T. 0.001 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

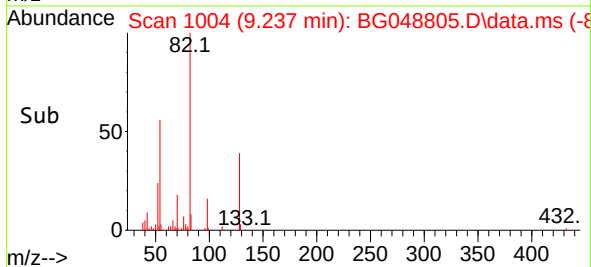
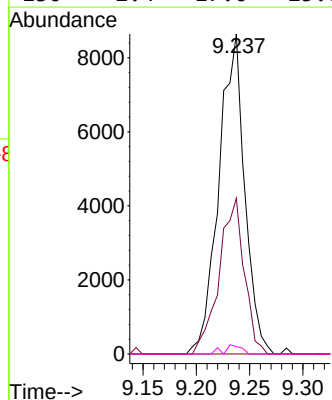
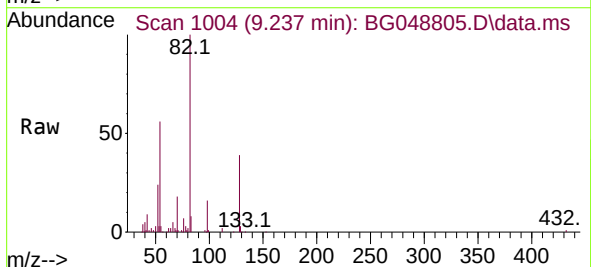
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

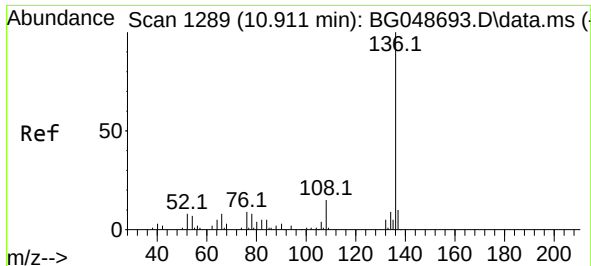
Tgt Ion: 99 Resp: 127066
Ion Ratio Lower Upper
99 100
42 25.0 20.5 30.7
71 54.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.43 ng
RT: 9.237 min Scan# 1004
Delta R.T. 0.365 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

Tgt Ion: 70 Resp: 14549
Ion Ratio Lower Upper
70 100
42 48.7 54.5 81.7#
101 0.0 9.0 13.6#
130 2.4 17.0 25.6#

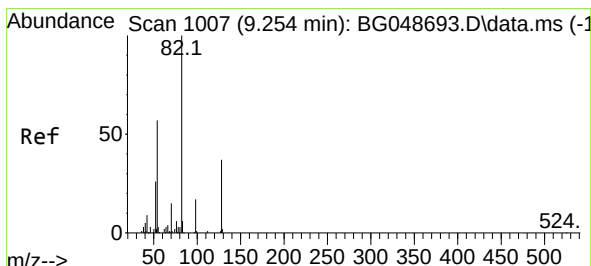
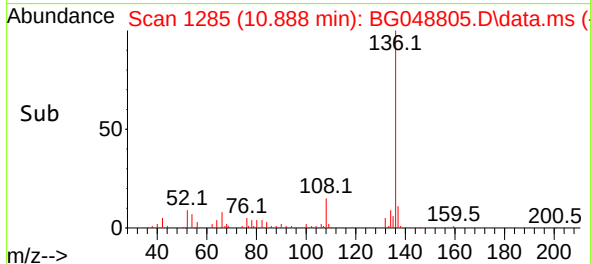
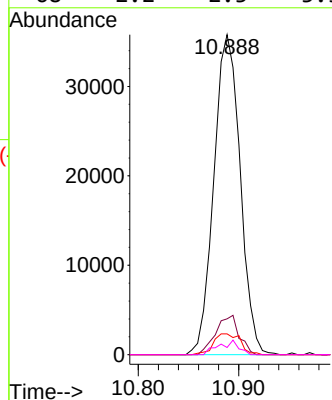
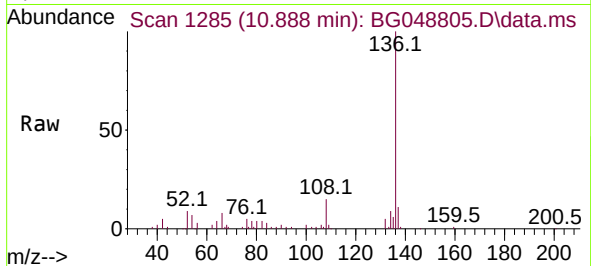




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

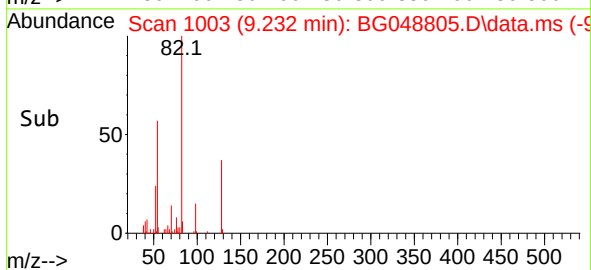
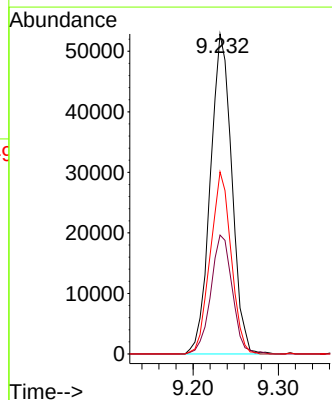
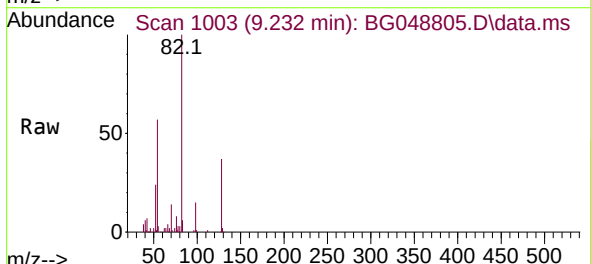
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

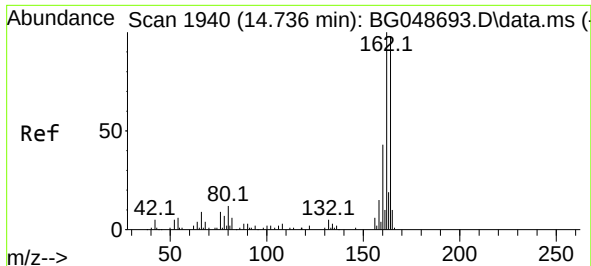
Tgt Ion:	136	Resp:	65151
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.2	12.2
54	6.5	5.5	8.3
68	2.2	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 63.64 ng
RT: 9.232 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

Tgt Ion:	82	Resp:	92608
Ion Ratio	Lower	Upper	
82	100		
128	37.2	29.8	44.6
54	56.9	45.8	68.8

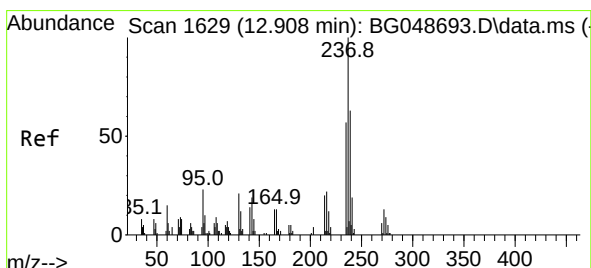
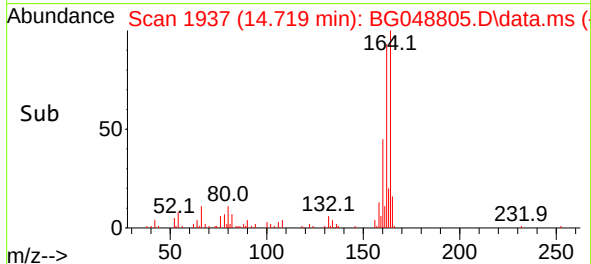
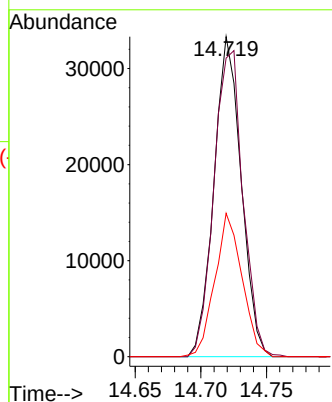
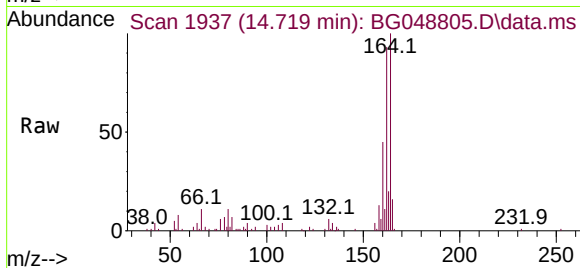




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

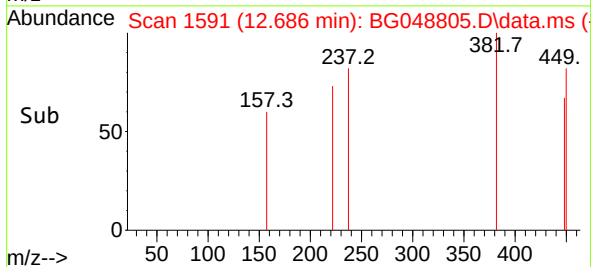
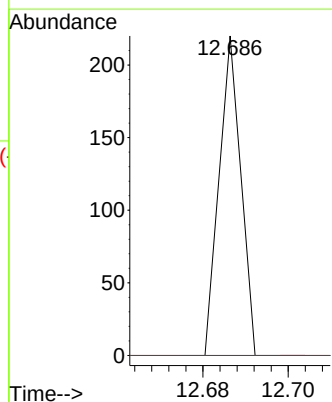
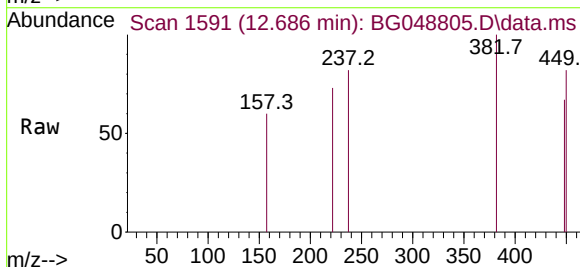
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

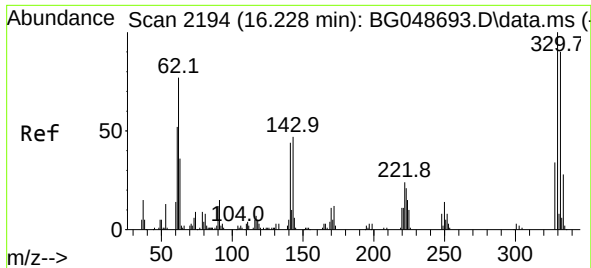
Tgt Ion:164 Resp: 48106
Ion Ratio Lower Upper
164 100
162 93.3 81.4 122.0
160 44.8 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.94 ng
RT: 12.686 min Scan# 1591
Delta R.T. -0.205 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

Tgt Ion:237 Resp: 78
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

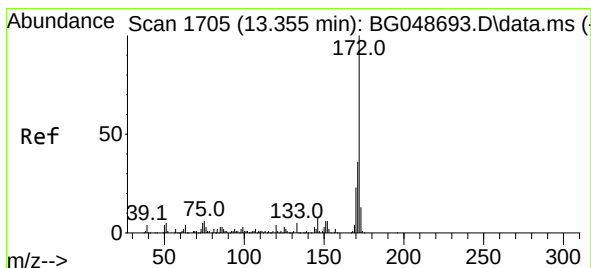
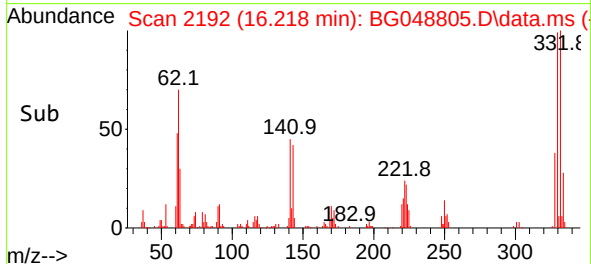
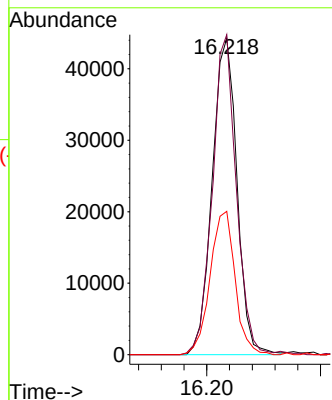
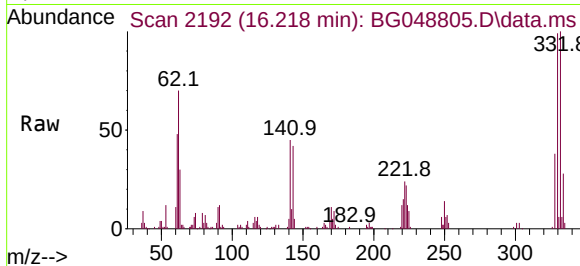




#42
2,4,6-Tribromophenol
Concen: 103.71 ng
RT: 16.218 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

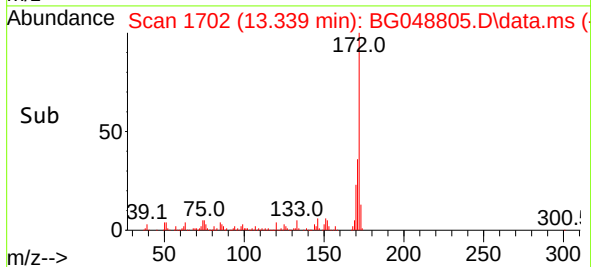
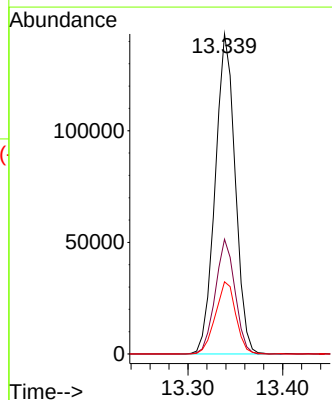
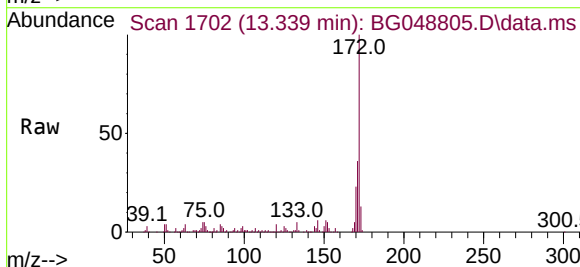
Instrument :
BNA_G
ClientSampled :
SB-14-0-2.0

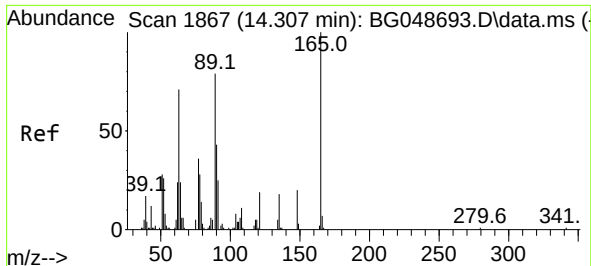
Tgt Ion:330 Resp: 66893
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 45.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 63.04 ng
RT: 13.339 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

Tgt Ion:172 Resp: 209995
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 22.6 18.6 27.8

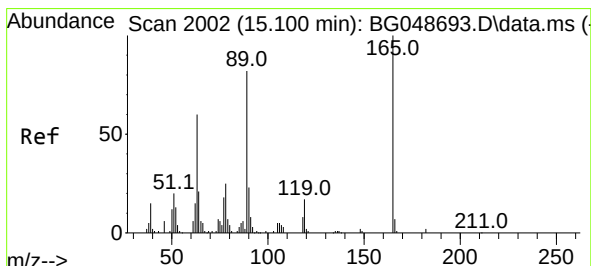
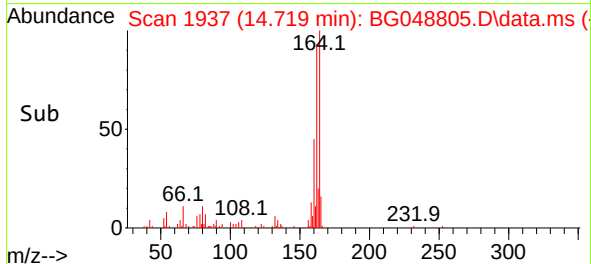
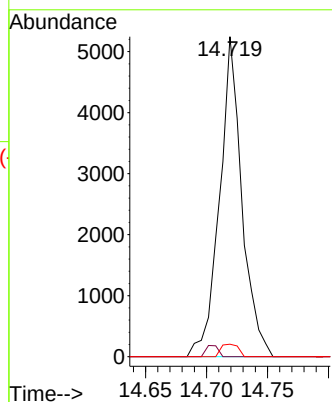
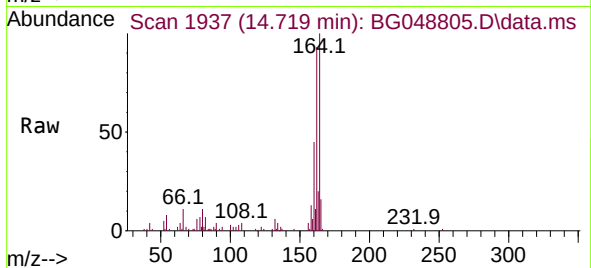




#51
2,6-Dinitrotoluene
Concen: 8.04 ng
RT: 14.719 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

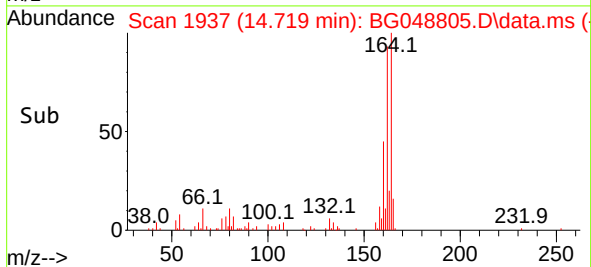
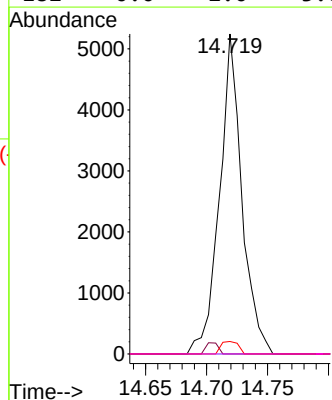
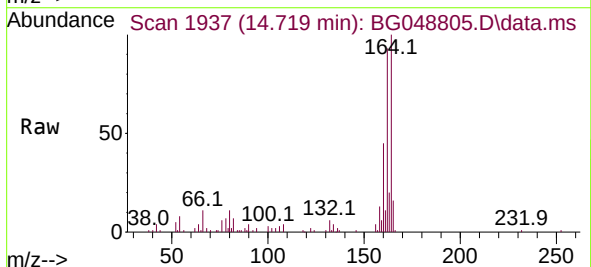
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

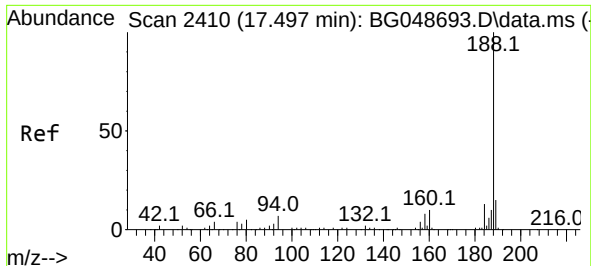
Tgt Ion:165 Resp: 6693
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 14.719 min Scan# 1937
Delta R.T. -0.363 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

Tgt Ion:165 Resp: 6693
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.9 65.4 98.0#
182 0.0 2.0 3.0#

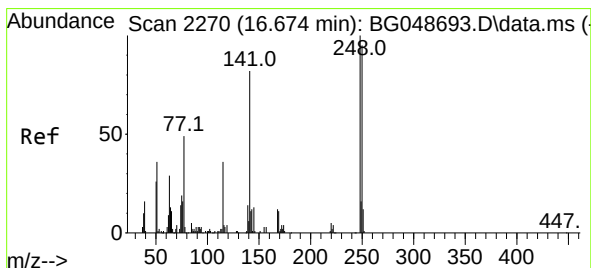
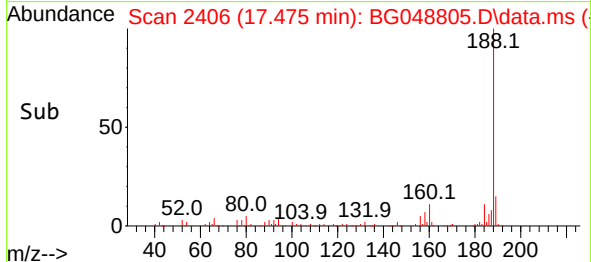
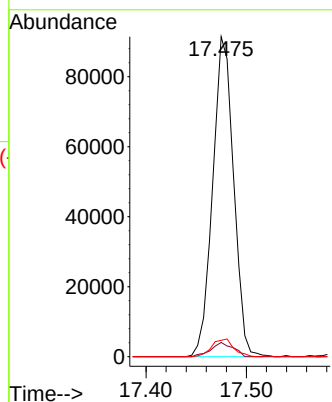
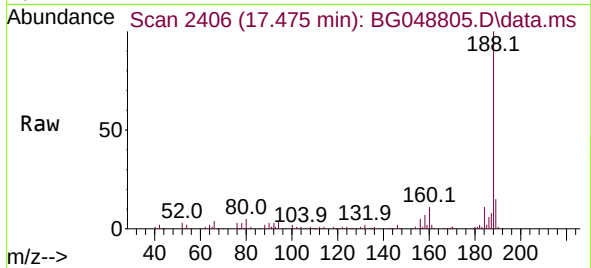




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.475 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

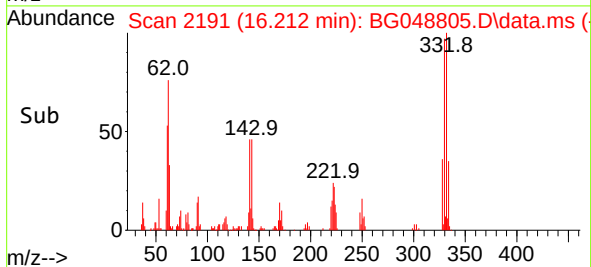
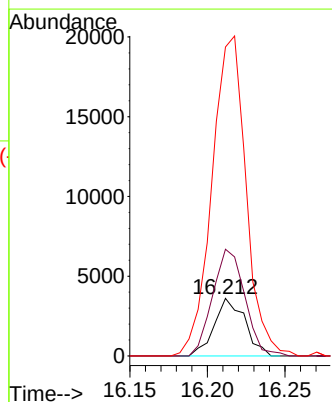
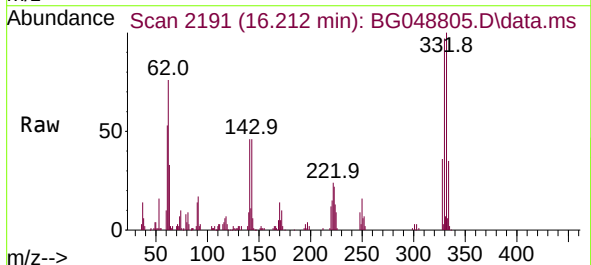
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

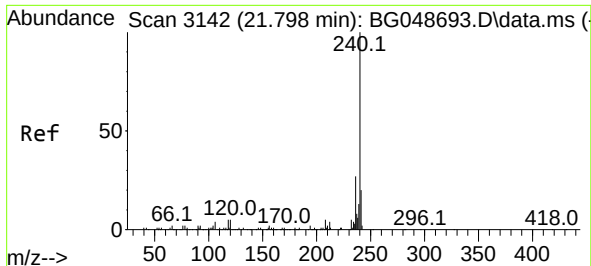
Tgt Ion:188 Resp: 132411
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 5.1 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 16.212 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

Tgt Ion:248 Resp: 4964
Ion Ratio Lower Upper
248 100
250 185.6 76.1 114.1#
141 537.2 65.4 98.2#



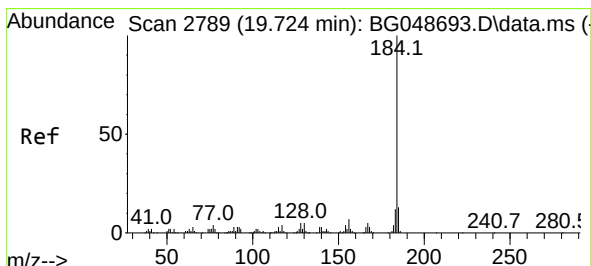
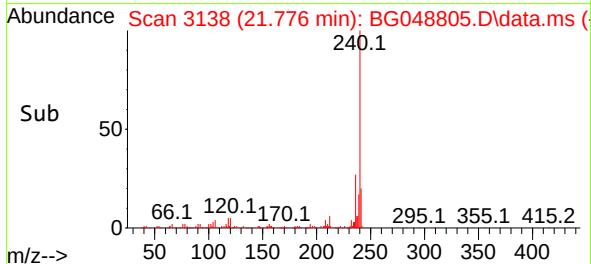
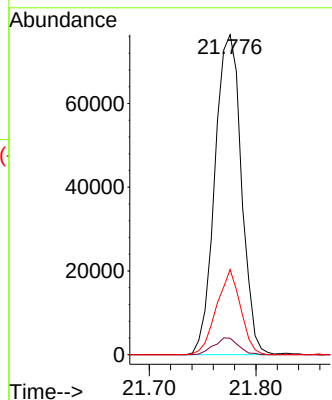
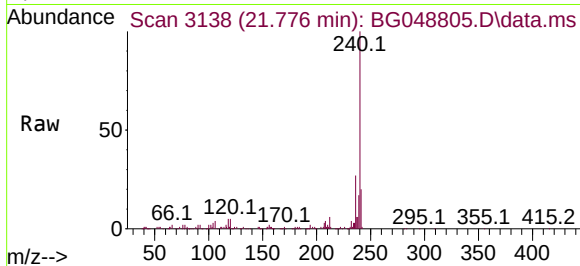


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.776 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

Tgt Ion:240 Resp: 132074

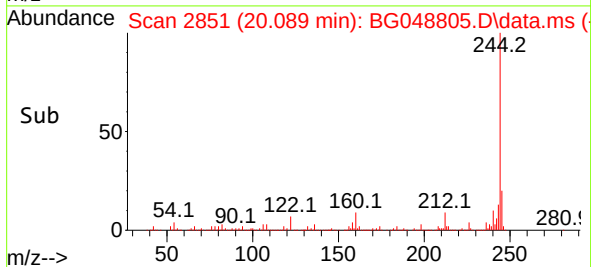
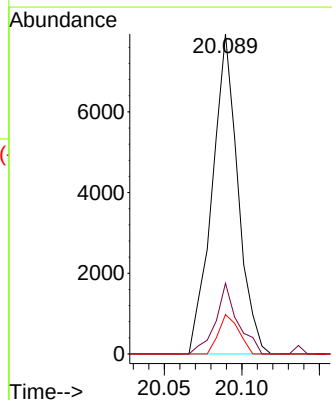
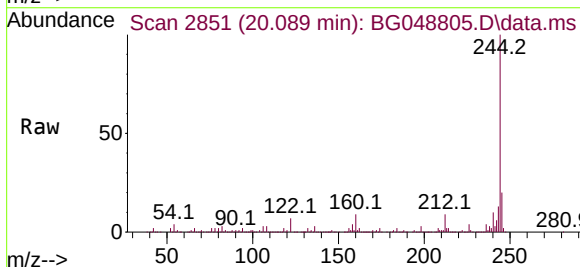
Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.2	6.2
236	26.6	21.8	32.6

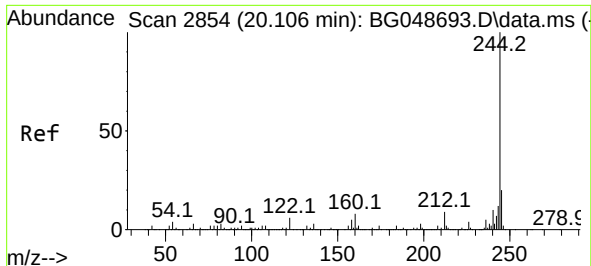


#77
Benzidine
Concen: 2.56 ng
RT: 20.089 min Scan# 2851
Delta R.T. 0.377 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

Tgt Ion:184 Resp: 9168

Ion	Ratio	Lower	Upper
184	100		
185	22.1	10.7	16.1#
183	12.3	9.4	14.0

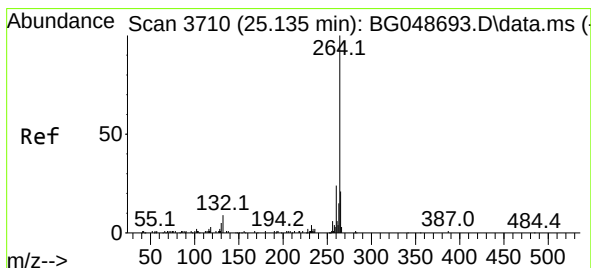
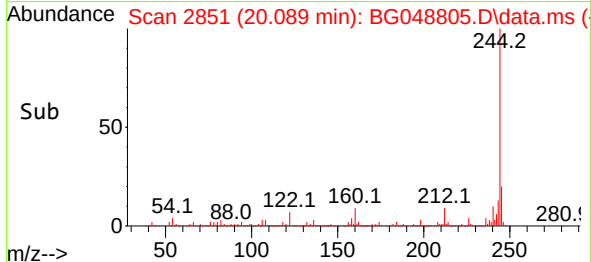
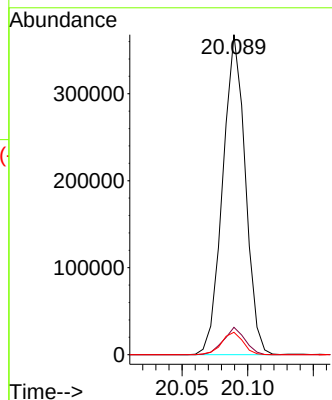
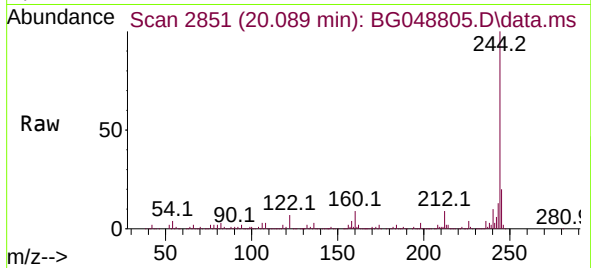




#79
Terphenyl-d14
Concen: 57.28 ng
RT: 20.089 min Scan# 2851
Delta R.T. -0.005 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

Instrument :
BNA_G
ClientSampleId :
SB-14-0-2.0

Tgt Ion:244 Resp: 439567
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 7.0 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.095 min Scan# 3703
Delta R.T. -0.016 min
Lab File: BG048805.D
Acq: 20 Apr 2021 22:13

Tgt Ion:264 Resp: 128616
Ion Ratio Lower Upper
264 100
260 22.2 19.4 29.2
265 21.3 16.9 25.3

