

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030321\
 Data File : BG048317.D
 Acq On : 3 Mar 2021 17:38
 Operator : CG/JU
 Sample : M1544-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TT-040-IDWSO-20210301

Quant Time: Mar 03 23:57:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 16:40:27 2021
 Response via : Initial Calibration

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

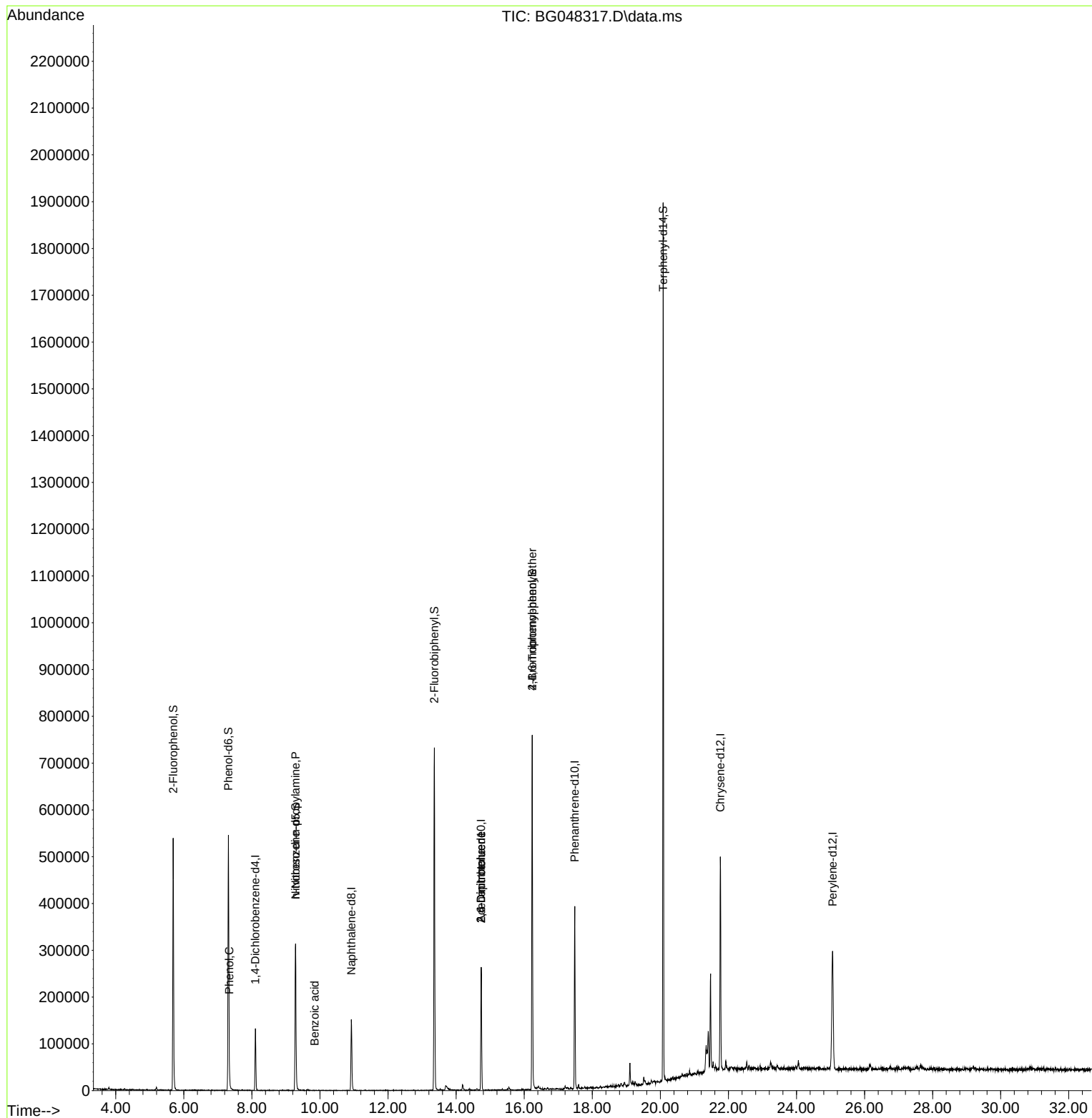
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	35228	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	132415	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	94304	20.00	ng	0.00
64) Phenanthrene-d10	17.485	188	247961	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	287607	20.00	ng	# 0.00
86) Perylene-d12	25.059	264	281221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	209149	101.06	ng	0.00
7) Phenol-d6	7.309	99	288909	91.88	ng	0.00
23) Nitrobenzene-d5	9.283	82	213052	68.06	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	145282	96.32	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	421230	62.62	ng	0.00
79) Terphenyl-d14	20.082	244	797346	50.66	ng	0.00
Target Compounds						
10) Phenol	7.333	94	6880	2.16	ng	# 33
19) n-Nitroso-di-n-propyla...	9.283	70	31862	13.13	ng	# 79
32) Benzoic acid	9.841	122	78	4.19	ng	# 1
51) 2,6-Dinitrotoluene	14.736	165	12668	7.15	ng	# 34
57) 2,4-Dinitrotoluene	14.736	165	12668	4.95	ng	# 32
67) 4-Bromophenyl-phenylether	16.234	248	10206	3.21	ng	# 1

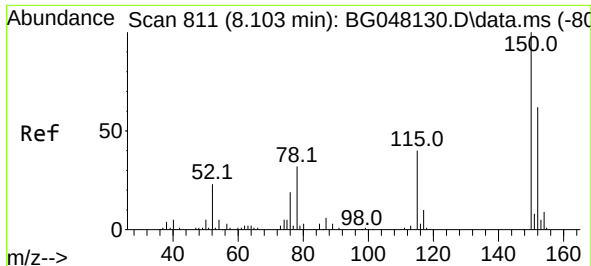
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

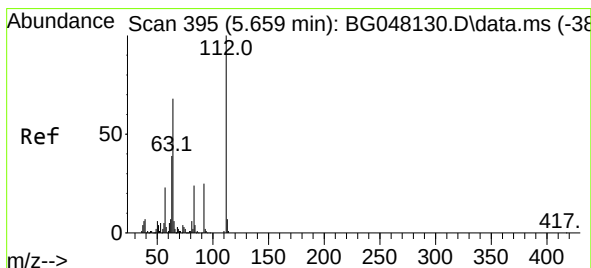
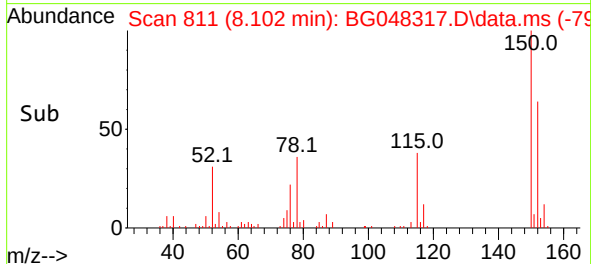
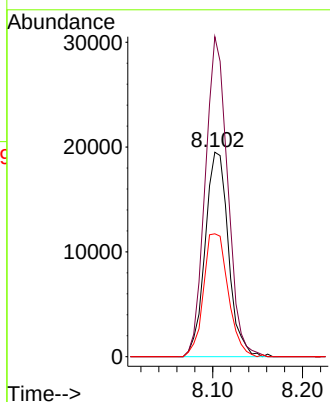
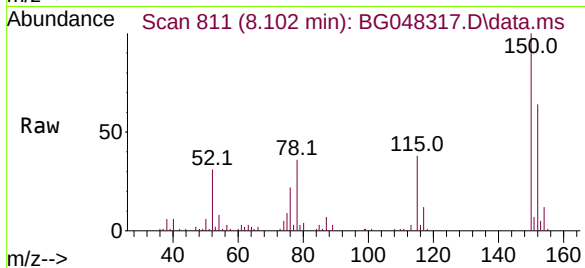




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. 0.000 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

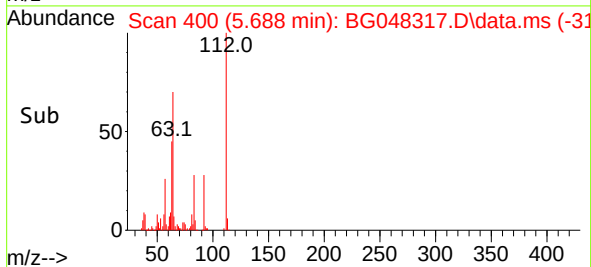
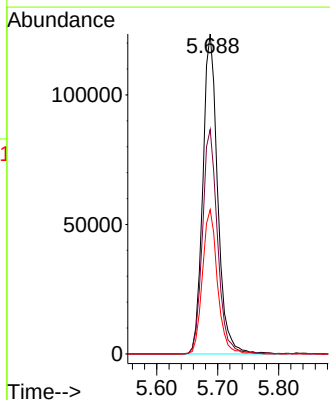
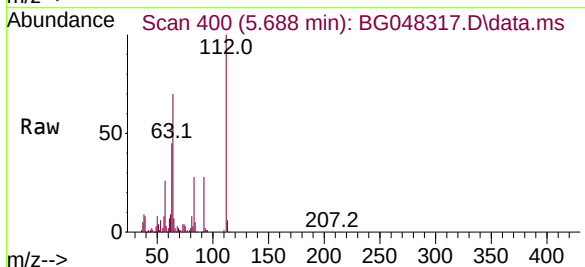
Instrument :
BNA_G
ClientSampleId :
TT-040-IDWSO-20210301

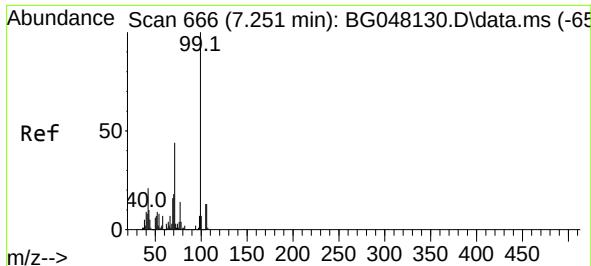
Tgt Ion:152 Resp: 35228
Ion Ratio Lower Upper
152 100
150 156.4 125.0 187.6
115 60.1 41.8 62.6



#5
2-Fluorophenol
Concen: 101.06 ng
RT: 5.688 min Scan# 400
Delta R.T. 0.000 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

Tgt Ion:112 Resp: 209149
Ion Ratio Lower Upper
112 100
64 70.1 46.7 70.1#
63 45.1 22.8 34.2#

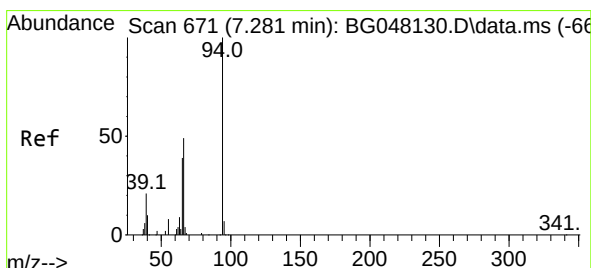
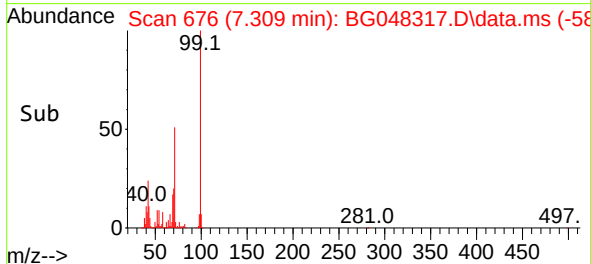
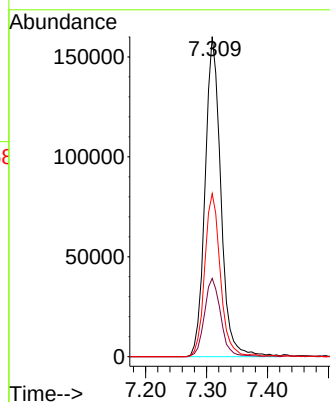
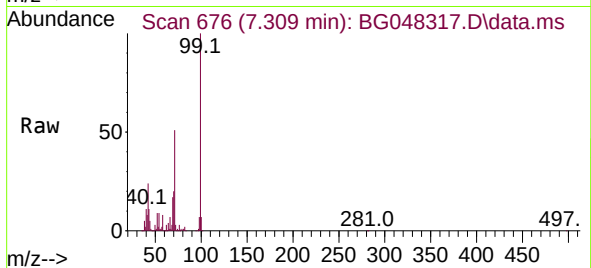




#7
Phenol-d6
Concen: 91.88 ng
RT: 7.309 min Scan# 676
Delta R.T. -0.006 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

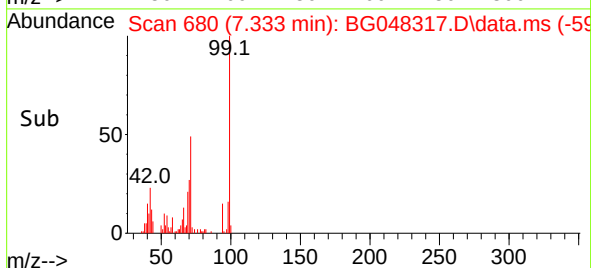
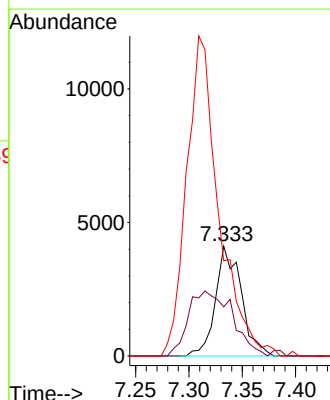
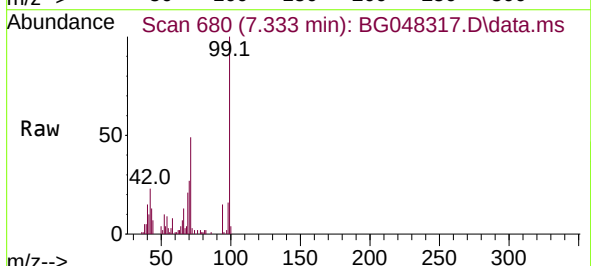
Instrument :
BNA_G
ClientSampleId :
TT-040-IDWSO-20210301

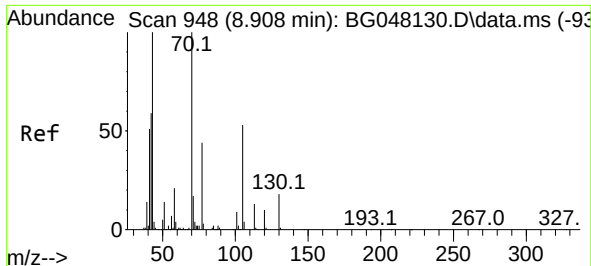
Tgt Ion: 99 Resp: 288909
Ion Ratio Lower Upper
99 100
42 24.4 12.8 19.2#
71 50.9 24.6 36.8#



#10
Phenol
Concen: 2.16 ng
RT: 7.333 min Scan# 680
Delta R.T. -0.006 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

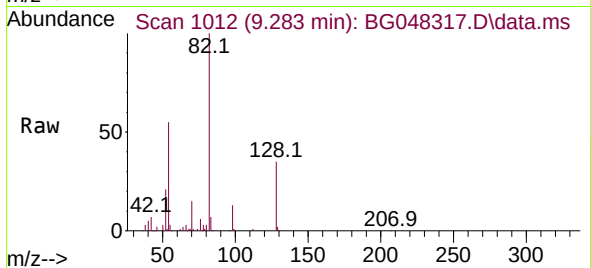
Tgt Ion: 94 Resp: 6880
Ion Ratio Lower Upper
94 100
65 44.8 6.6 46.6
66 86.8 13.9 53.9#



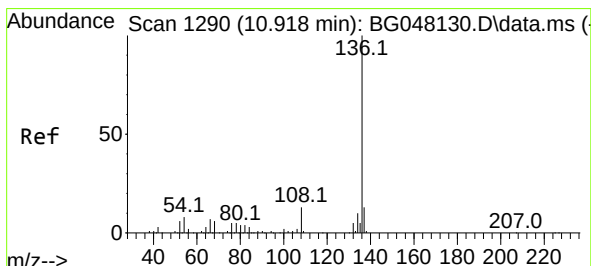
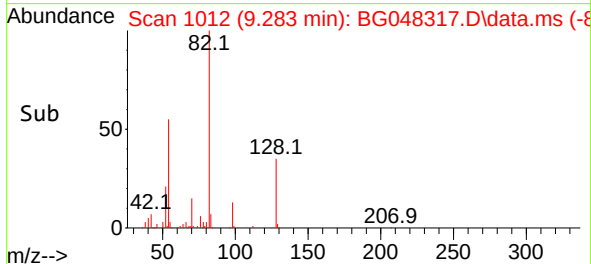
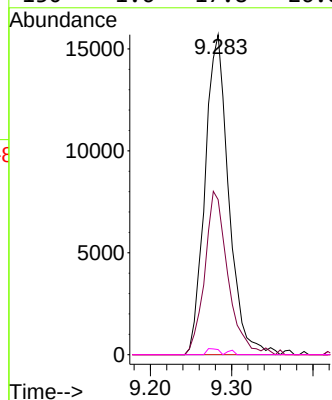


#19
n-Nitroso-di-n-propylamine
Concen: 13.13 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.364 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

Instrument :
BNA_G
ClientSampleId :
TT-040-IDWSO-20210301

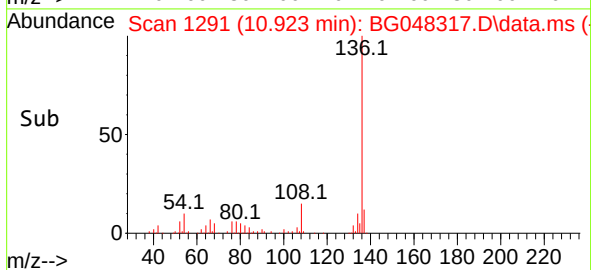
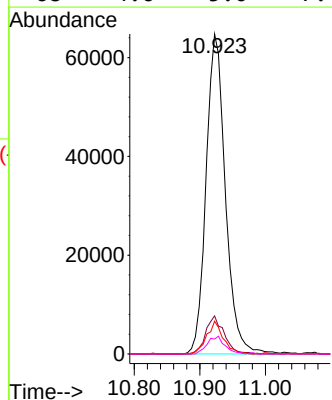
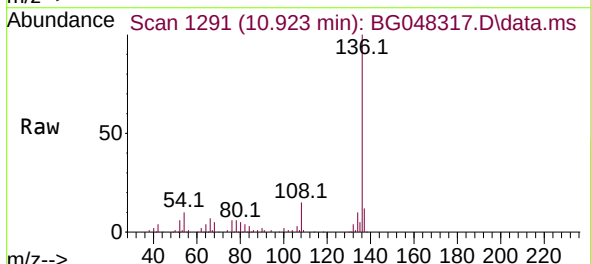


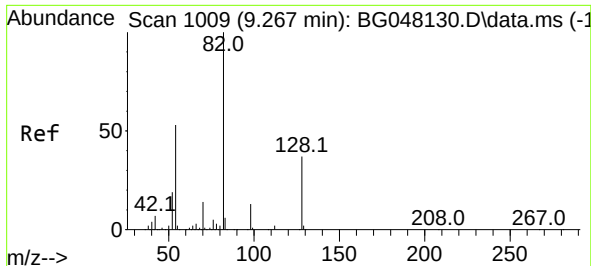
Tgt Ion	70	Resp:	31862
Ion Ratio	100	Lower	Upper
42	48.5	45.6	68.4
101	0.0	8.4	12.6#
130	1.6	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

Tgt Ion	136	Resp:	132415
Ion Ratio	100	Lower	Upper
137	11.9	9.1	13.7
54	10.3	6.2	9.4#
68	4.6	5.0	7.4#





#23

Nitrobenzene-d5

Concen: 68.06 ng

RT: 9.283 min Scan# 1012

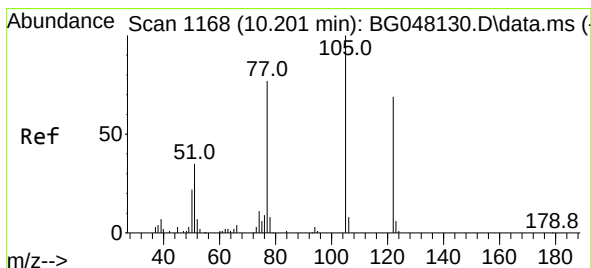
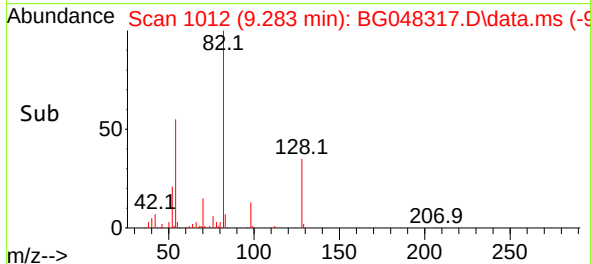
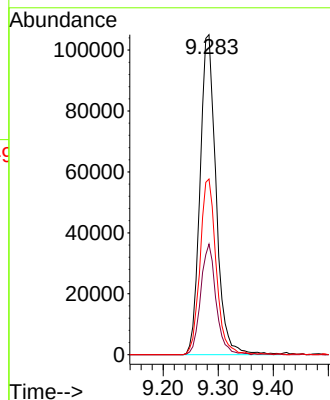
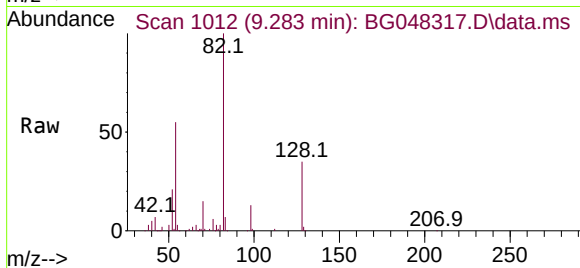
Delta R.T. 0.000 min

Lab File: BG048317.D

Acq: 3 Mar 2021 17:38

Tgt Ion: 82 Resp: 213052

Ion	Ratio	Lower	Upper
82	100		
128	34.6	37.0	55.6#
54	54.9	39.0	58.4



#32

Benzoic acid

Concen: 4.19 ng

RT: 9.841 min Scan# 1107

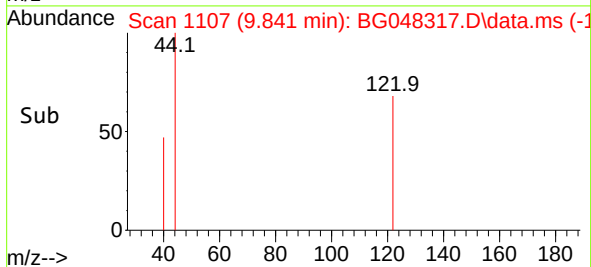
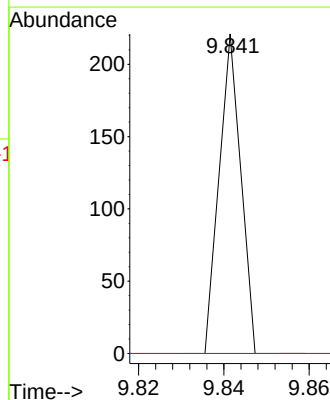
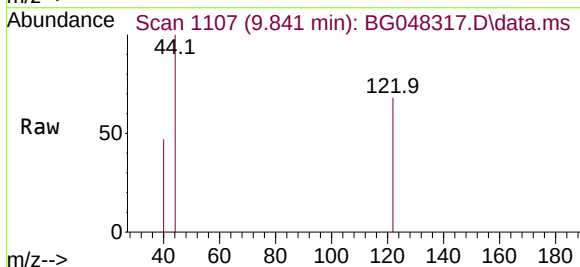
Delta R.T. -0.446 min

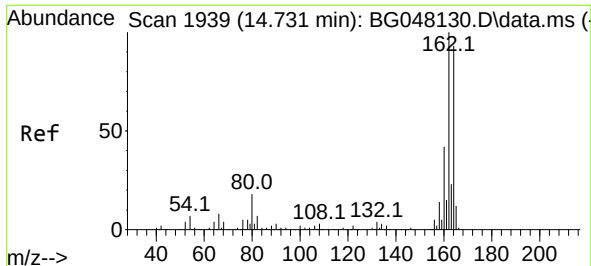
Lab File: BG048317.D

Acq: 3 Mar 2021 17:38

Tgt Ion: 122 Resp: 78

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.7	143.7#
77	0.0	63.0	103.0#

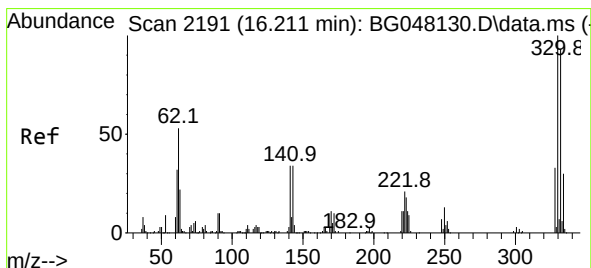
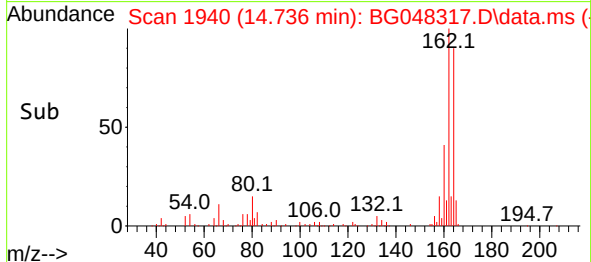
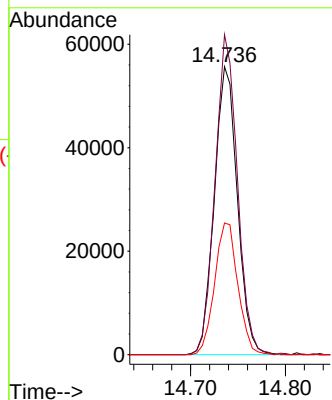
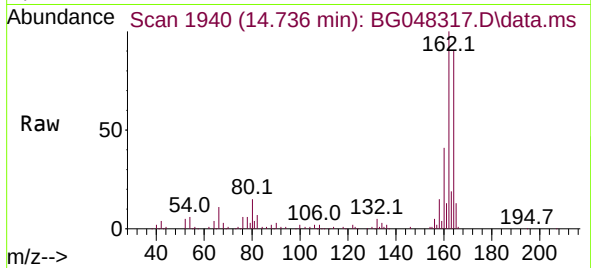




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

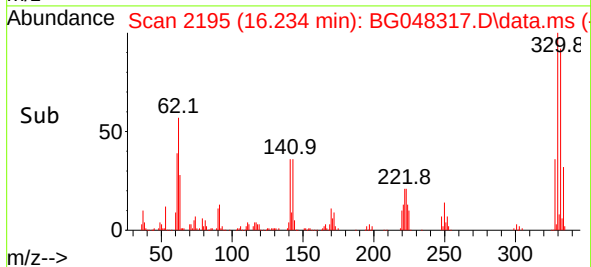
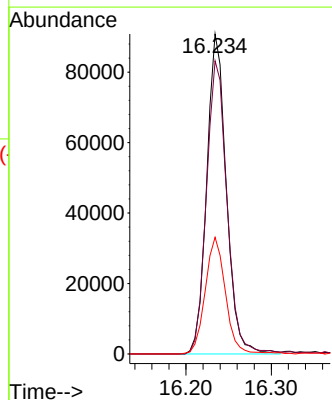
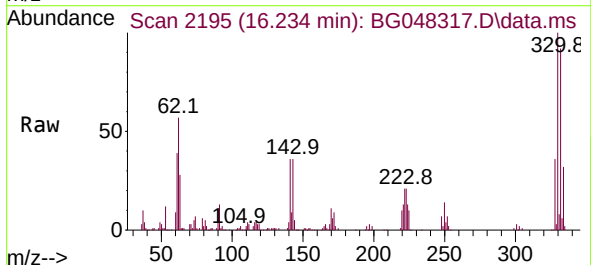
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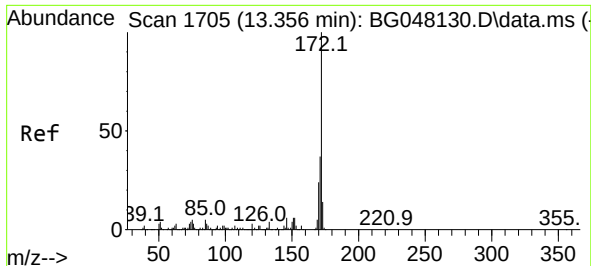
Tgt Ion:164 Resp: 94304
Ion Ratio Lower Upper
164 100
162 111.1 82.3 123.5
160 45.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 96.32 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

Tgt Ion:330 Resp: 145282
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 37.7 26.0 39.0

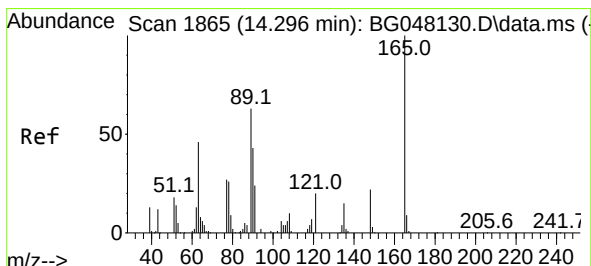
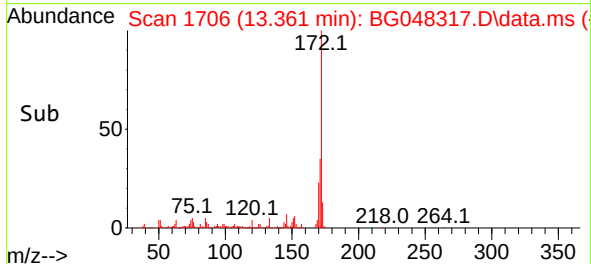
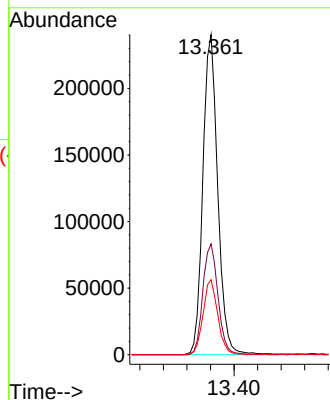
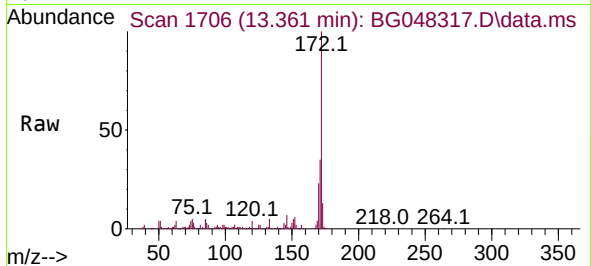




#45
2-Fluorobiphenyl
Concen: 62.62 ng
RT: 13.361 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

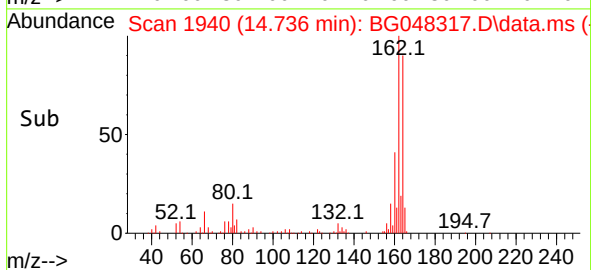
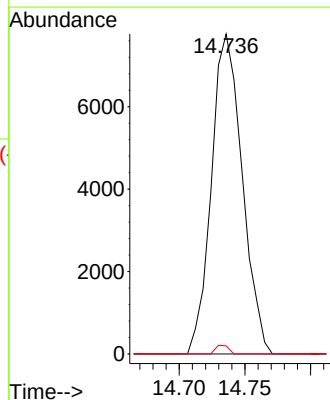
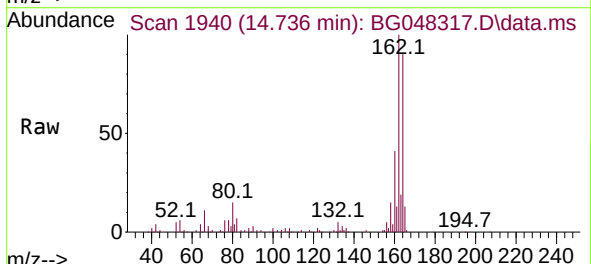
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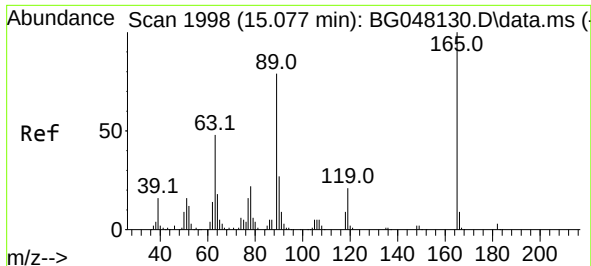
Tgt Ion:172 Resp: 421230
Ion Ratio Lower Upper
172 100
171 34.6 31.3 46.9
170 23.4 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.15 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.412 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

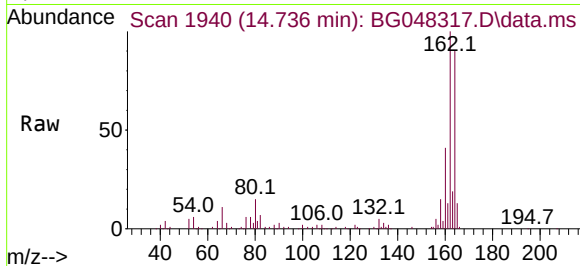
Tgt Ion:165 Resp: 12668
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.6 36.6 54.8#



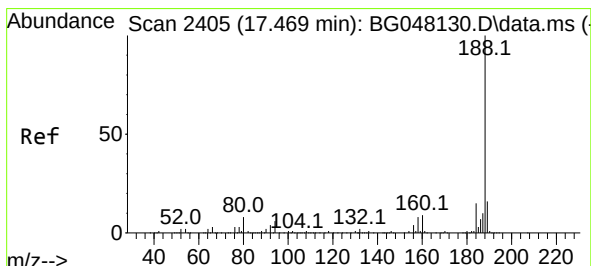
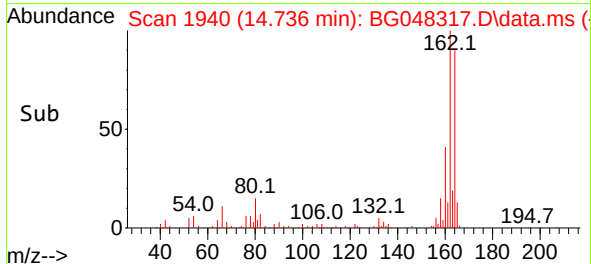
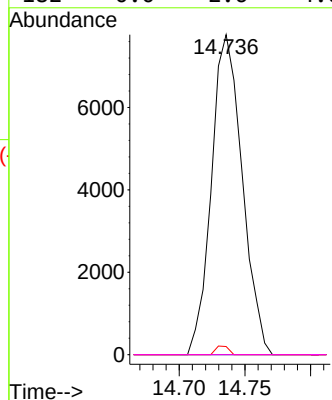


#57
2,4-Dinitrotoluene
Concen: 4.95 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.382 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

Instrument :
BNA_G
ClientSampleId :
TT-040-IDWSO-20210301

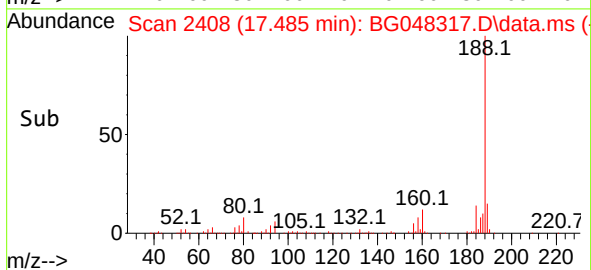
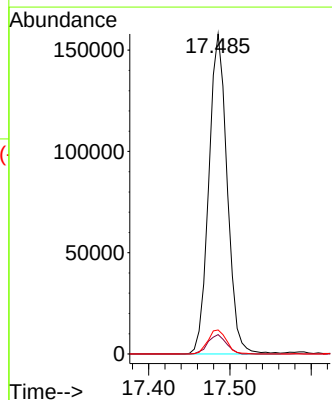
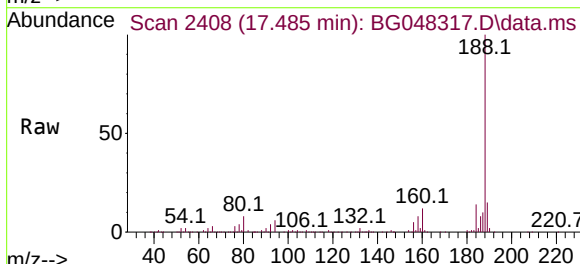


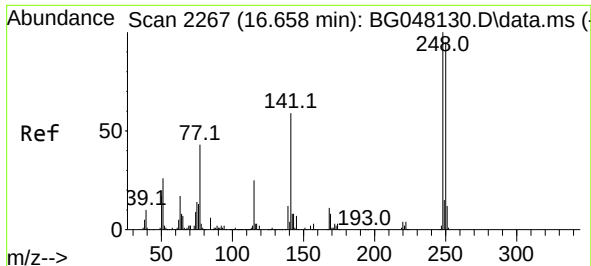
Tgt Ion:165 Resp: 12668
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.6 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.485 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

Tgt Ion:188 Resp: 247961
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.5 7.0 10.6

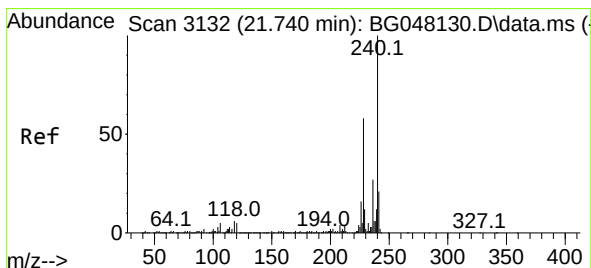
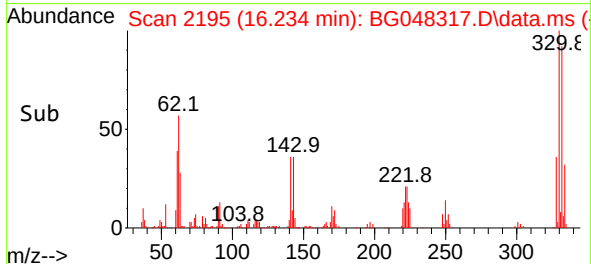
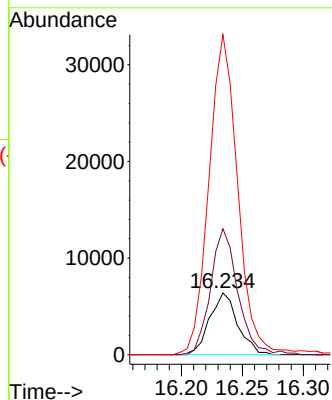
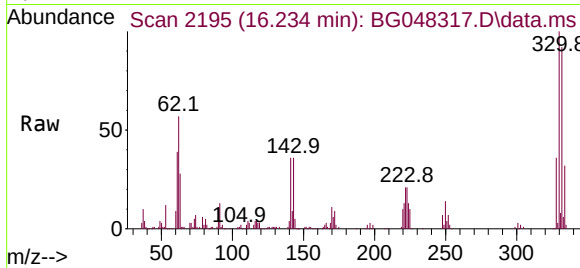




#67
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.435 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

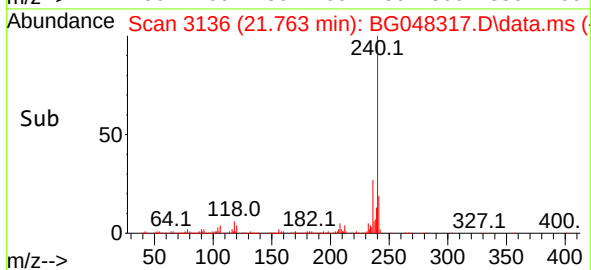
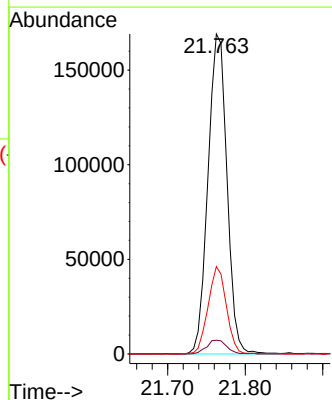
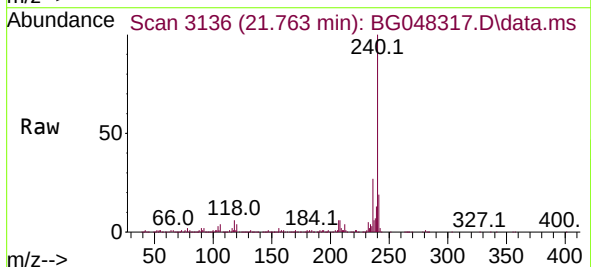
Instrument :
BNA_G
ClientSampleId :
TT-040-IDWSO-20210301

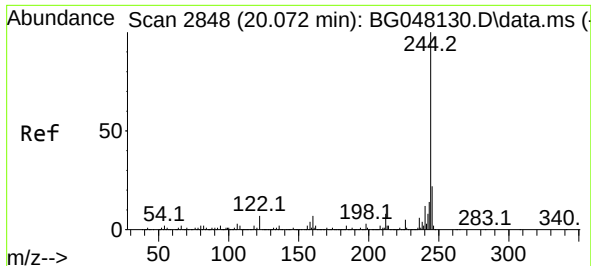
Tgt Ion:248 Resp: 10206
Ion Ratio Lower Upper
248 100
250 204.2 78.9 118.3#
141 518.6 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

Tgt Ion:240 Resp: 287607
Ion Ratio Lower Upper
240 100
120 4.3 6.2 9.4#
236 27.3 20.5 30.7

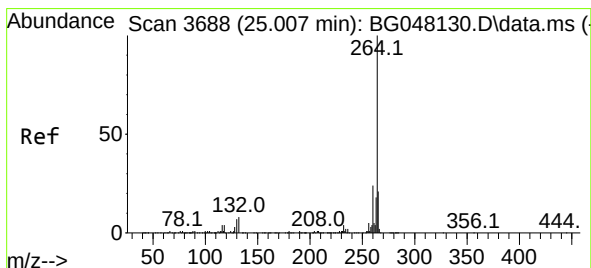
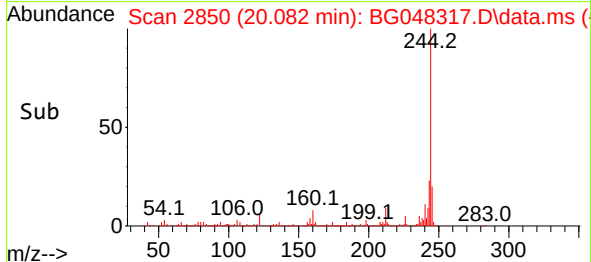
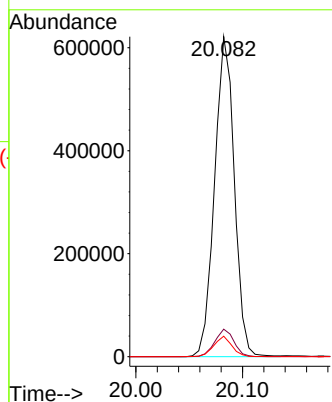
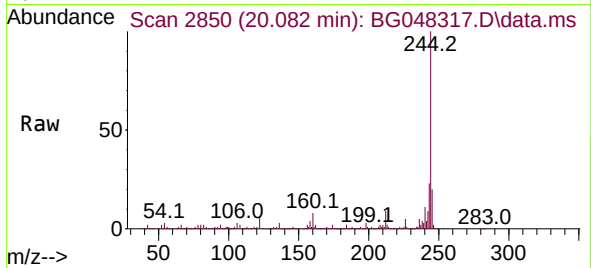




#79
Terphenyl-d14
Concen: 50.66 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

Instrument :
BNA_G
ClientSampleId :
TT-040-IDWSO-20210301

Tgt Ion:244 Resp: 797346
Ion Ratio Lower Upper
244 100
212 8.6 6.7 10.1
122 6.4 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.059 min Scan# 3697
Delta R.T. -0.006 min
Lab File: BG048317.D
Acq: 3 Mar 2021 17:38

Tgt Ion:264 Resp: 281221
Ion Ratio Lower Upper
264 100
260 26.0 18.8 28.2
265 22.2 17.8 26.8

