

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048863.D
 Acq On : 23 Apr 2021 14:50
 Operator : CG/JU
 Sample : M2107-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-10.5-11.0

Quant Time: Apr 23 15:50:51 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)

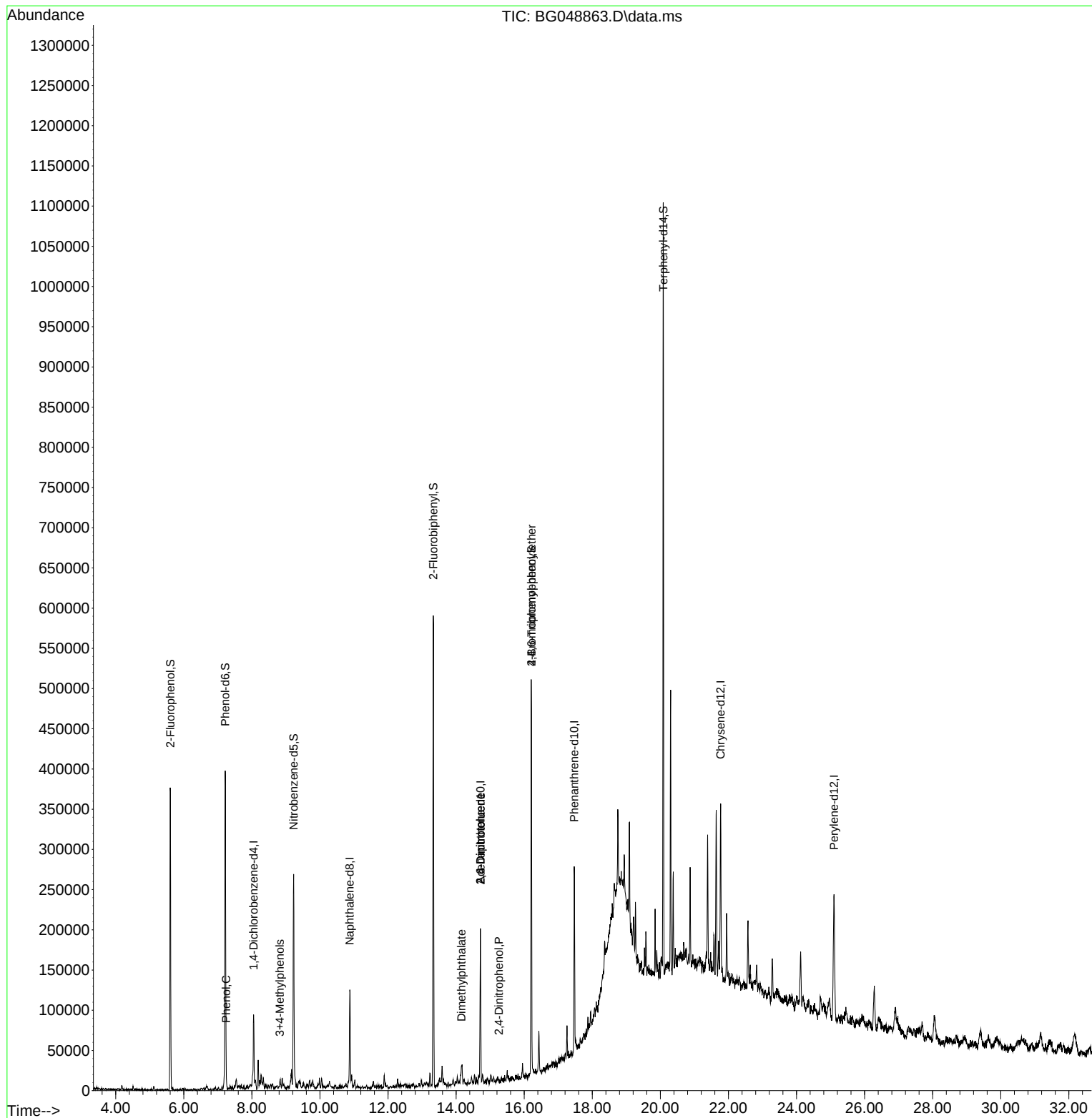
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	22526	20.00	ng	0.00
21) Naphthalene-d8	10.878	136	97258	20.00	ng	#-0.02
39) Acenaphthene-d10	14.715	164	62341	20.00	ng	0.00
64) Phenanthrene-d10	17.470	188	137259	20.00	ng	# 0.00
76) Chrysene-d12	21.771	240	124011	20.00	ng	# 0.00
86) Perylene-d12	25.102	264	126807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	147554	109.56	ng	0.00
7) Phenol-d6	7.218	99	192062	100.82	ng	0.00
23) Nitrobenzene-d5	9.227	82	148624	68.42	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	79164	94.71	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	289306	67.02	ng	0.00
79) Terphenyl-d14	20.085	244	404774	56.18	ng	0.00
Target Compounds						
10) Phenol	7.247	94	3964	2.12	ng	Qvalue 78
20) 3+4-Methylphenols	8.822	107	3447	2.09	ng	# 72
50) Dimethylphthalate	14.156	163	10218	2.19	ng	# 96
51) 2,6-Dinitrotoluene	14.715	165	8977	8.32	ng	# 15
54) 2,4-Dinitrophenol	15.261	184	67	5.38	ng	# 8
57) 2,4-Dinitrotoluene	14.715	165	8977	5.73	ng	# 20
67) 4-Bromophenyl-phenylether	16.213	248	5643	3.57	ng	# 1

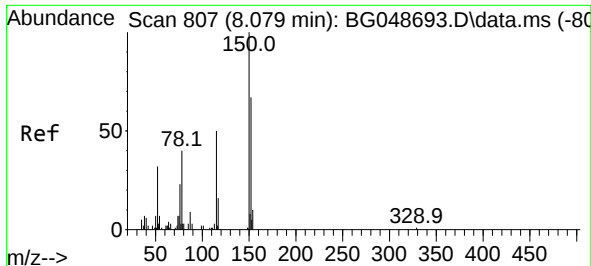
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048863.D
Acq On : 23 Apr 2021 14:50
Operator : CG/JU
Sample : M2107-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

Quant Time: Apr 23 15:50:51 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

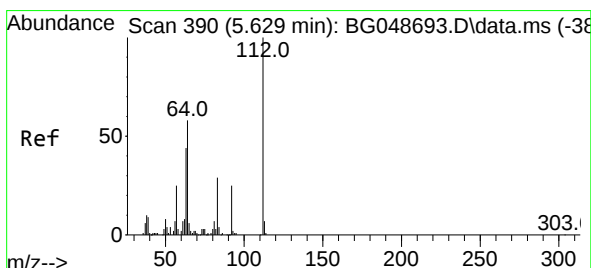
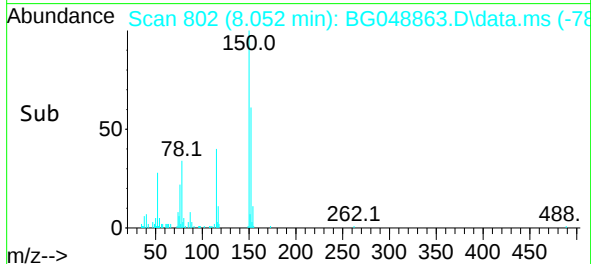
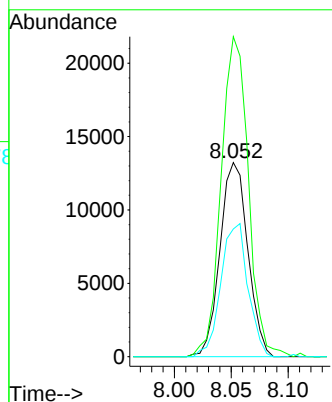
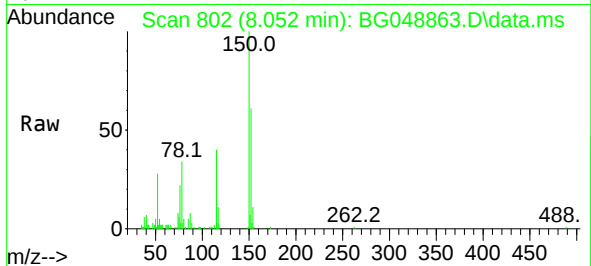




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.052 min Scan# 802
Delta R.T. -0.009 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

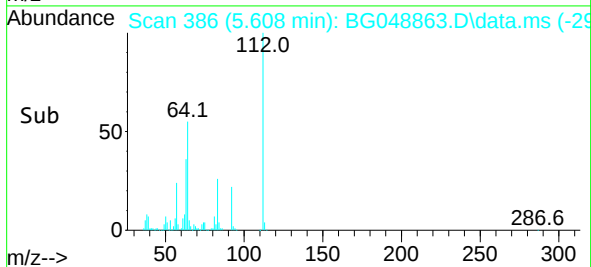
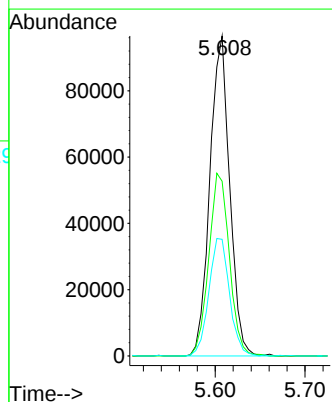
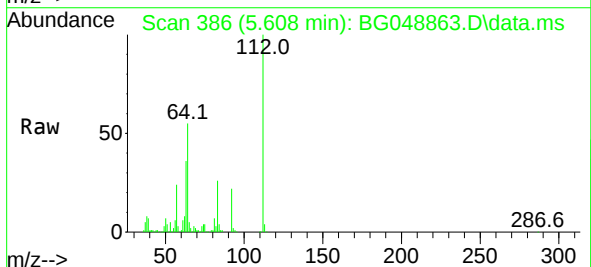
Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

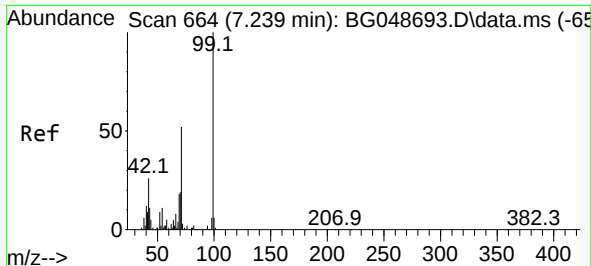
Tgt Ion:152 Resp: 22526
Ion Ratio Lower Upper
152 100
150 164.9 119.4 179.0
115 65.8 60.2 90.4



#5
2-Fluorophenol
Concen: 109.56 ng
RT: 5.608 min Scan# 386
Delta R.T. 0.002 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

Tgt Ion:112 Resp: 147554
Ion Ratio Lower Upper
112 100
64 54.6 46.7 70.1
63 36.4 35.3 52.9

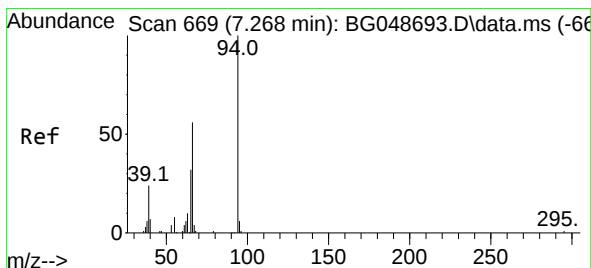
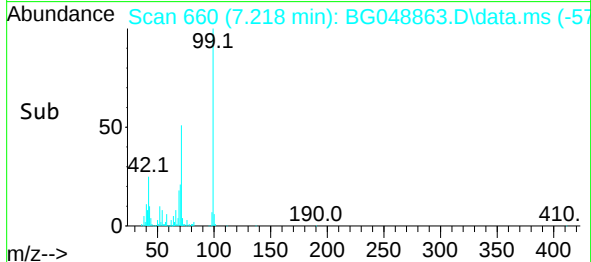
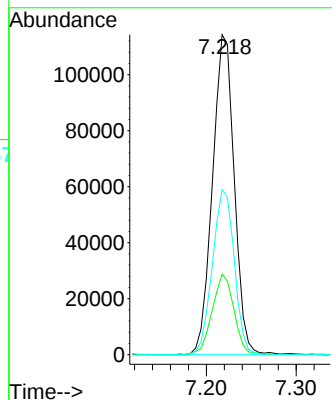
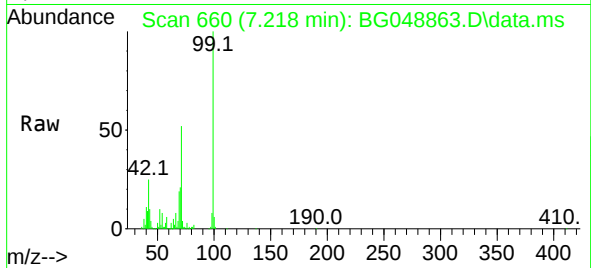




#7
Phenol-d6
Concen: 100.82 ng
RT: 7.218 min Scan# 660
Delta R.T. -0.003 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

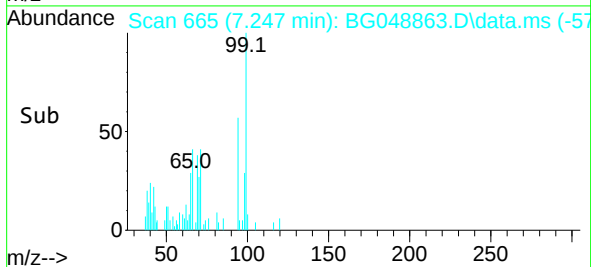
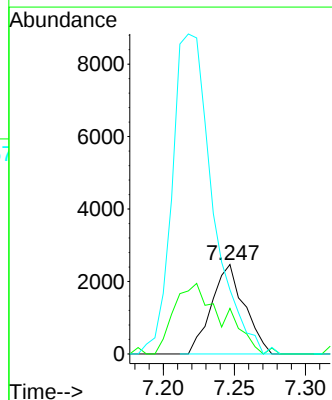
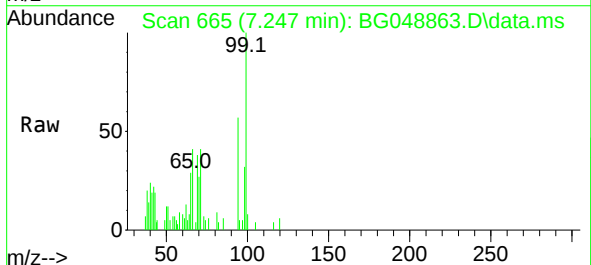
Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

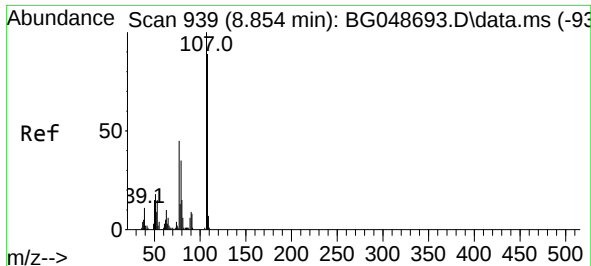
Tgt Ion: 99 Resp: 192062
Ion Ratio Lower Upper
99 100
42 25.1 20.5 30.7
71 51.5 41.5 62.3



#10
Phenol
Concen: 2.12 ng
RT: 7.247 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

Tgt Ion: 94 Resp: 3964
Ion Ratio Lower Upper
94 100
65 51.0 12.9 52.9
66 71.9 39.4 79.4

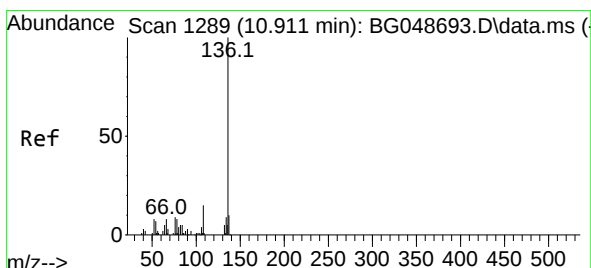
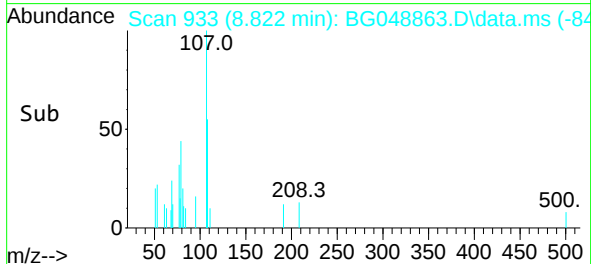
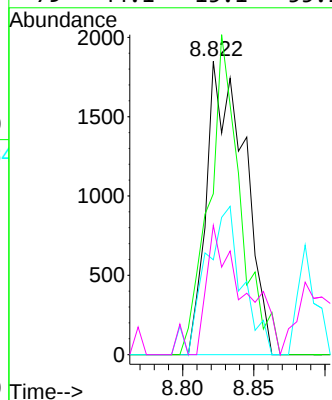
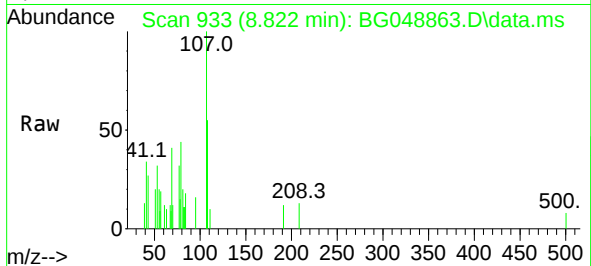




#20
3+4-Methylphenols
Concen: 2.09 ng
RT: 8.822 min Scan# 933
Delta R.T. -0.021 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

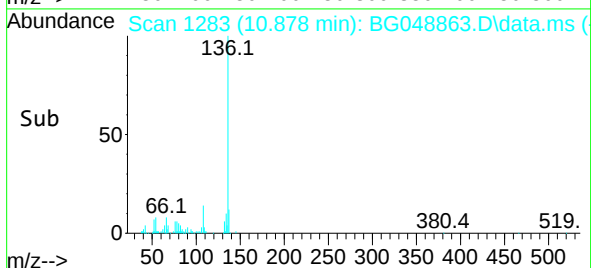
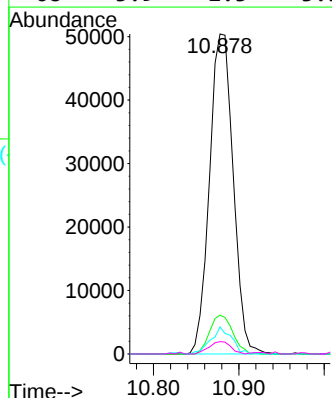
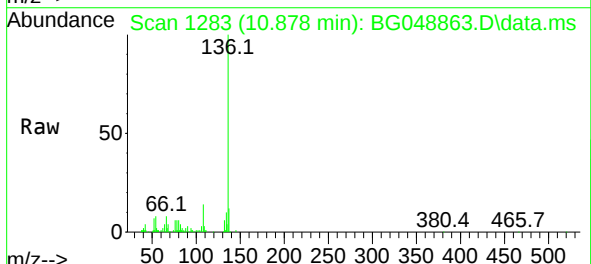
Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

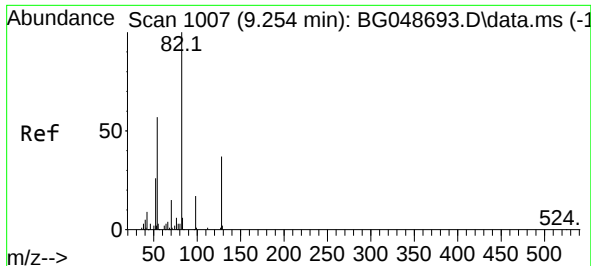
Tgt Ion:107	Resp:	3447
Ion Ratio	Lower	Upper
107	100	
108	54.8	69.3 109.3#
77	32.3	25.2 65.2
79	44.1	15.1 55.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.878 min Scan# 1283
Delta R.T. -0.015 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

Tgt Ion:136	Resp:	97258
Ion Ratio	Lower	Upper
136	100	
137	12.1	8.2 12.2
54	8.5	5.5 8.3#
68	3.9	2.3 3.5#

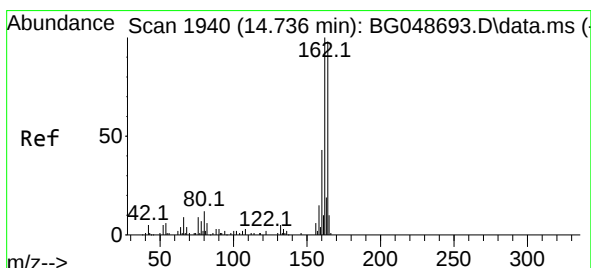
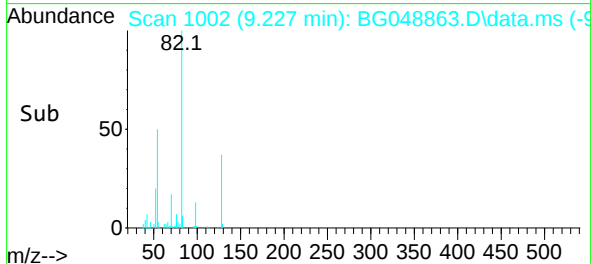
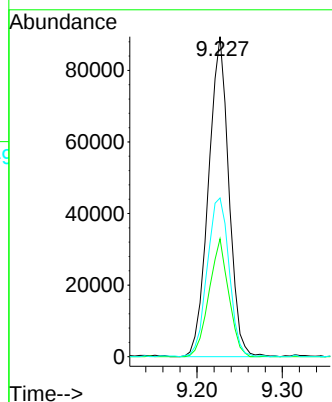
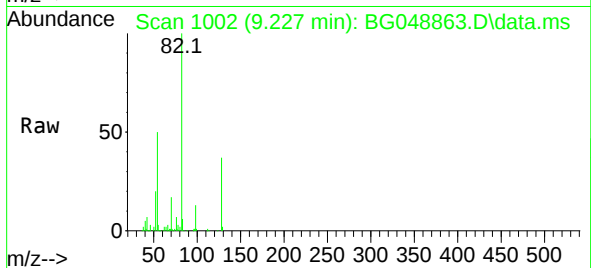




#23
Nitrobenzene-d5
Concen: 68.42 ng
RT: 9.227 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

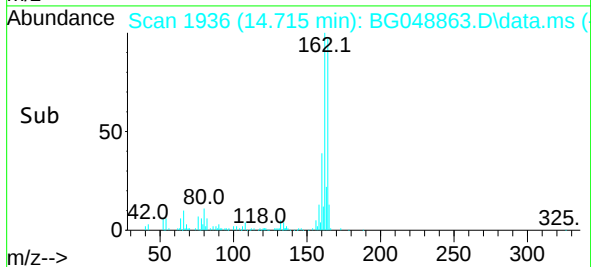
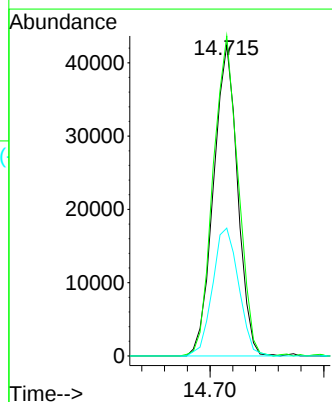
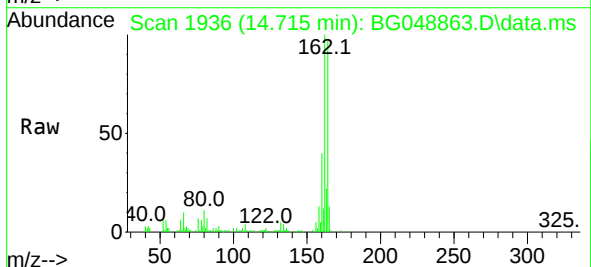
Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

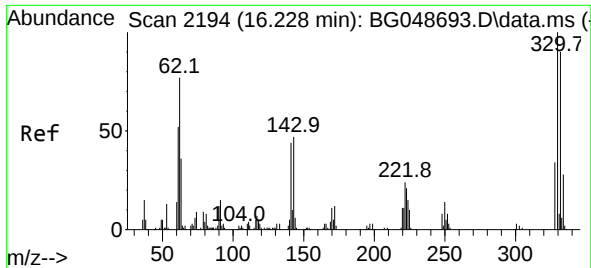
Tgt Ion: 82 Resp: 148624
Ion Ratio Lower Upper
82 100
128 36.9 29.8 44.6
54 49.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.715 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

Tgt Ion: 164 Resp: 62341
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 41.1 34.9 52.3

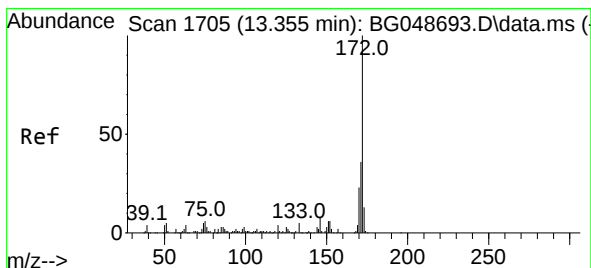
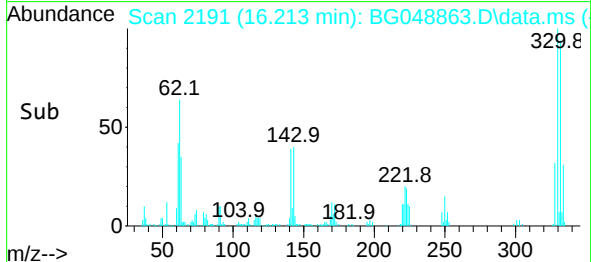
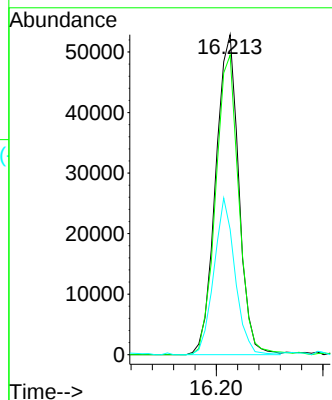
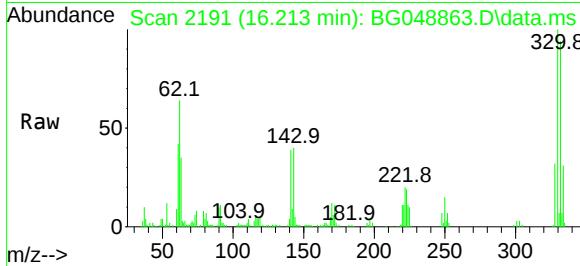




#42
2,4,6-Tribromophenol
Concen: 94.71 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

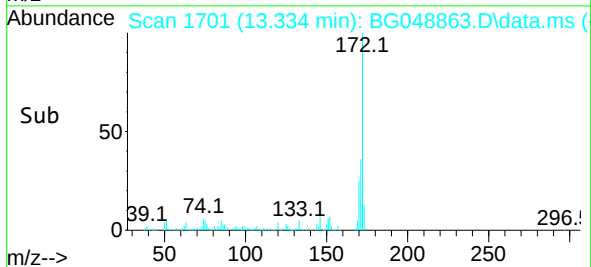
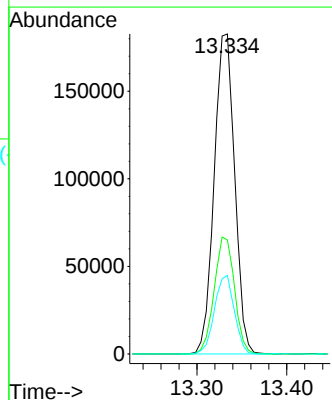
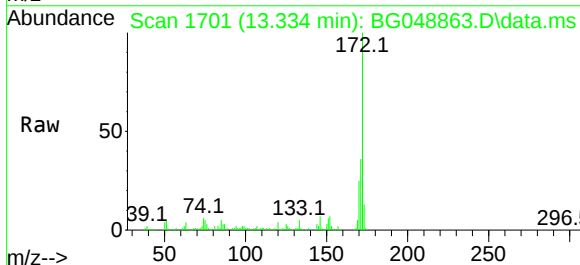
Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

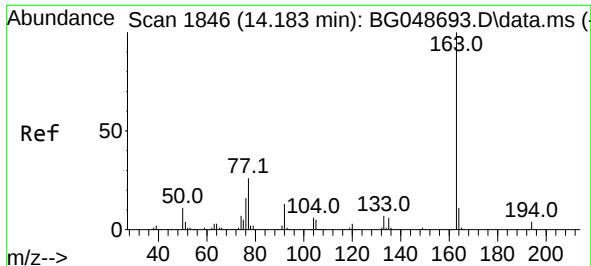
Tgt Ion:330 Resp: 79164
Ion Ratio Lower Upper
330 100
332 94.1 77.3 115.9
141 44.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 67.02 ng
RT: 13.334 min Scan# 1701
Delta R.T. -0.009 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

Tgt Ion:172 Resp: 289306
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.5 18.6 27.8

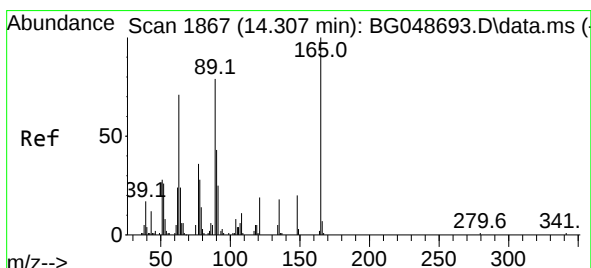
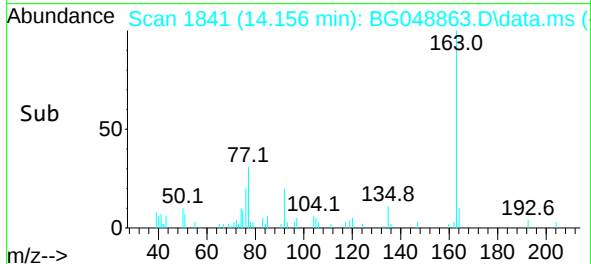
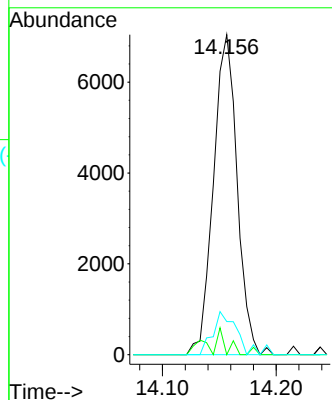
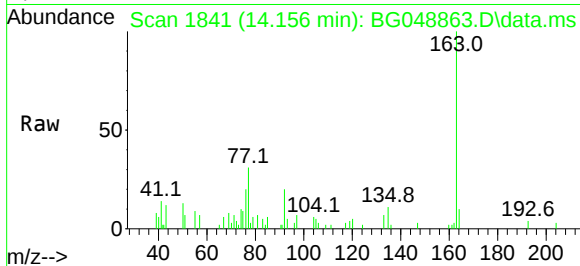




#50
Dimethylphthalate
Concen: 2.19 ng
RT: 14.156 min Scan# 1841
Delta R.T. -0.015 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

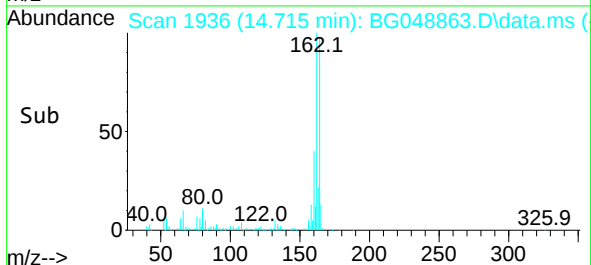
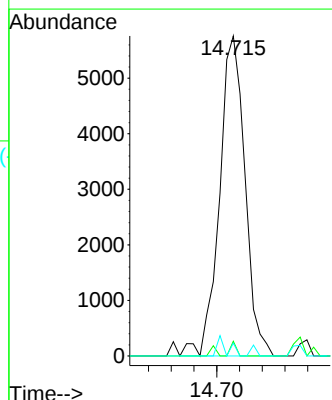
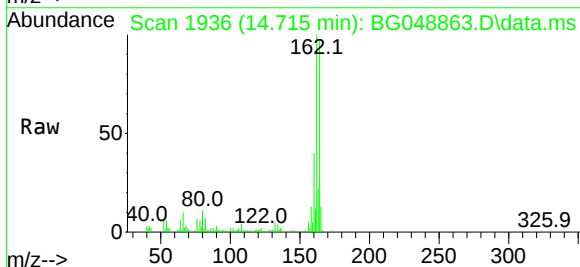
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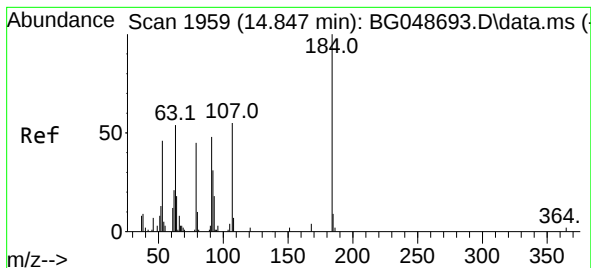
Tgt Ion:163 Resp: 10218
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 10.4 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 8.32 ng
RT: 14.715 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

Tgt Ion:165 Resp: 8977
Ion Ratio Lower Upper
165 100
63 4.6 63.3 94.9#
89 4.0 63.4 95.0#

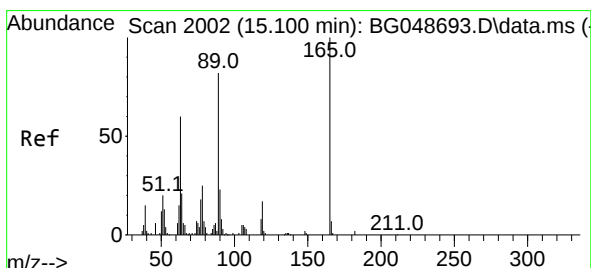
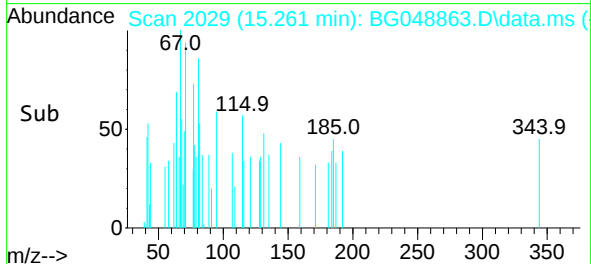
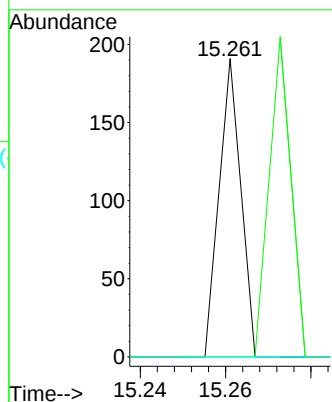
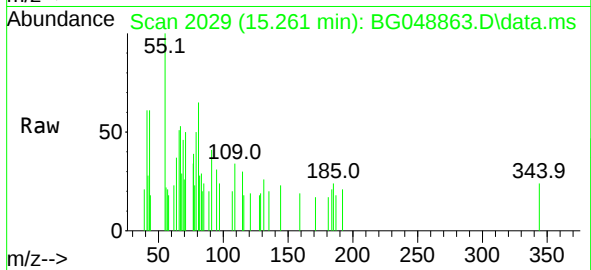




#54
2,4-Dinitrophenol
Concen: 5.38 ng
RT: 15.261 min Scan# 2029
Delta R.T. 0.425 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

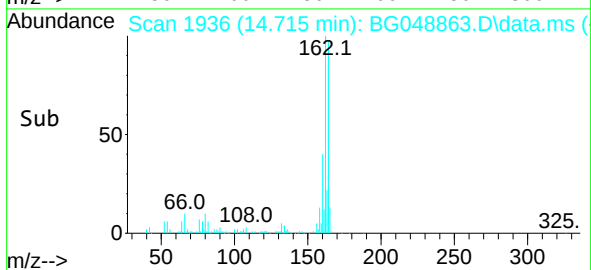
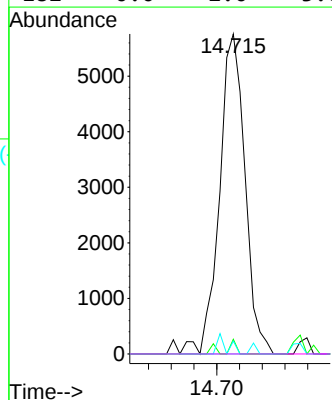
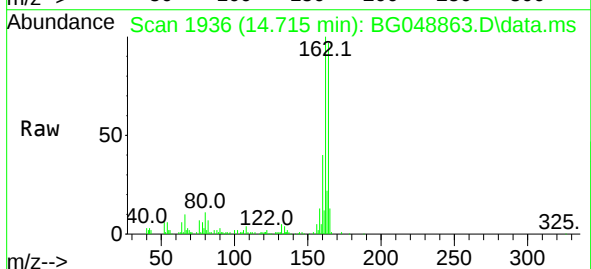
Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

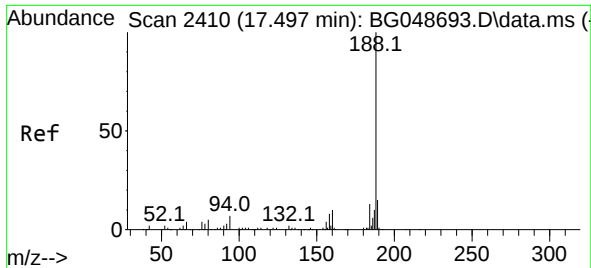
Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.73 ng
RT: 14.715 min Scan# 1936
Delta R.T. -0.368 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

Tgt Ion:165 Resp: 8977
Ion Ratio Lower Upper
165 100
63 4.6 48.0 72.0#
89 4.0 65.4 98.0#
182 0.0 2.0 3.0#

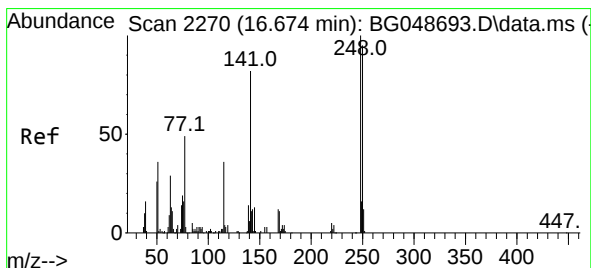
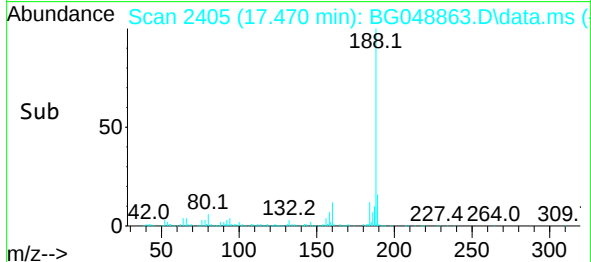
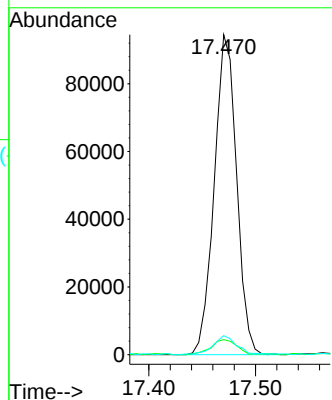
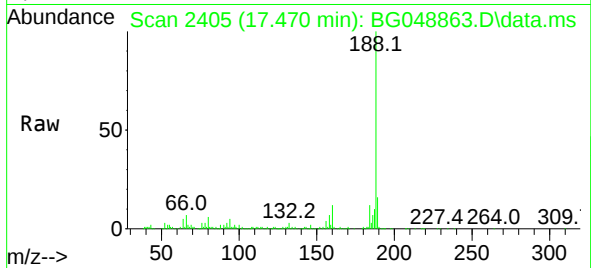




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.470 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

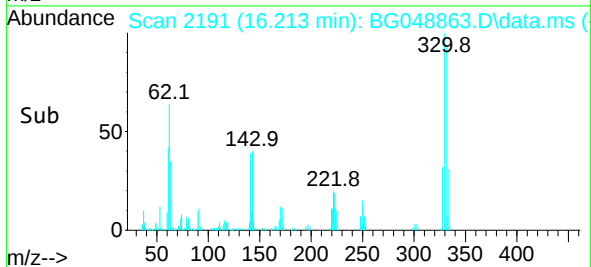
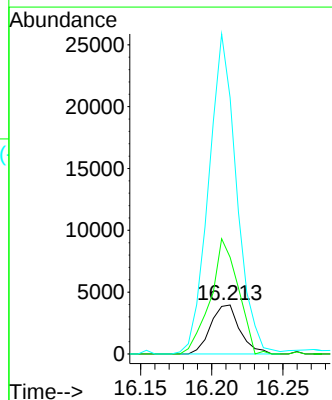
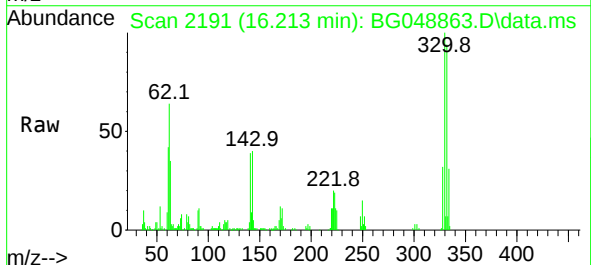
Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

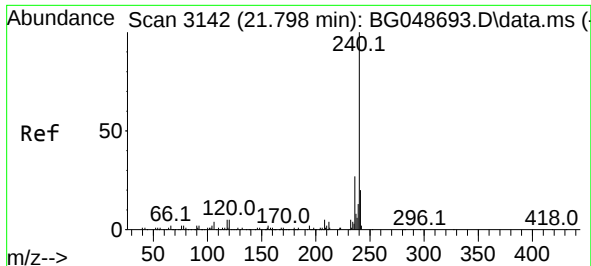
Tgt Ion:188 Resp: 137259
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 6.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 16.213 min Scan# 2191
Delta R.T. -0.450 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

Tgt Ion:248 Resp: 5643
Ion Ratio Lower Upper
248 100
250 197.6 76.1 114.1#
141 523.6 65.4 98.2#

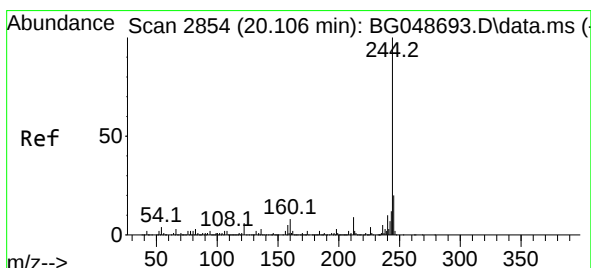
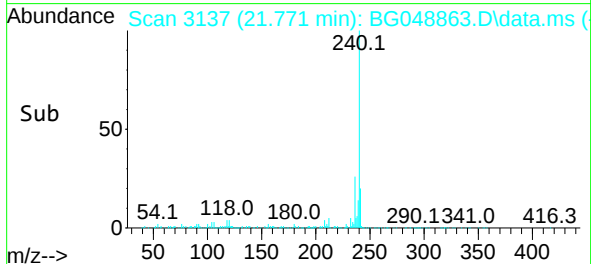
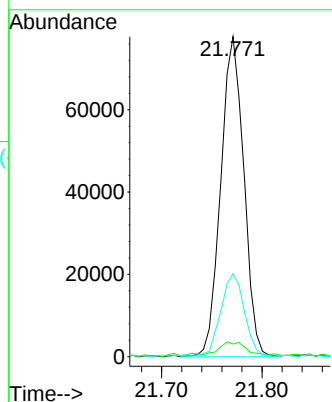
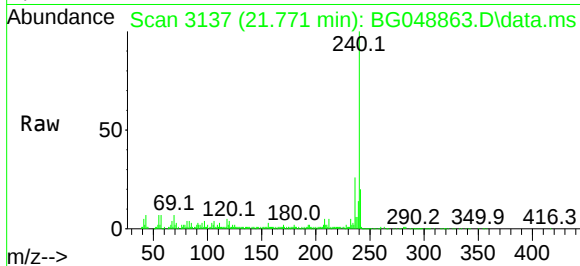




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.771 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

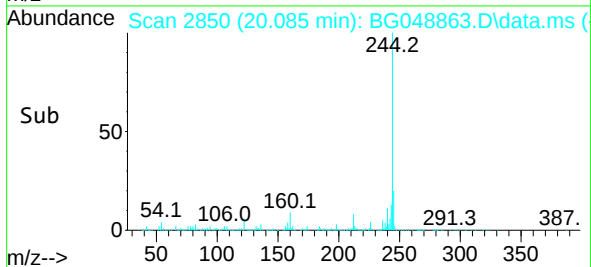
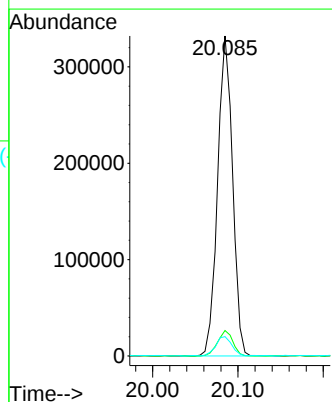
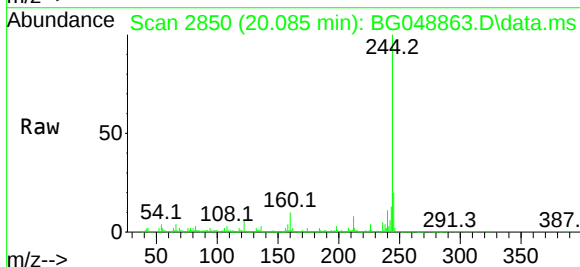
Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0

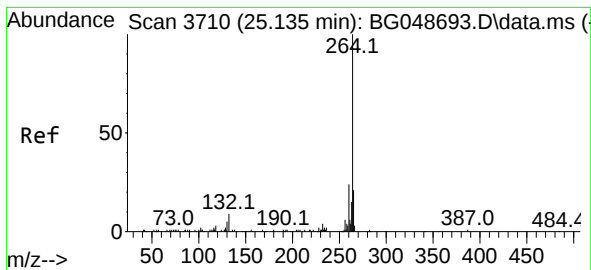
Tgt Ion:240 Resp: 124011
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 26.0 21.8 32.6



#79
Terphenyl-d14
Concen: 56.18 ng
RT: 20.085 min Scan# 2850
Delta R.T. -0.009 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

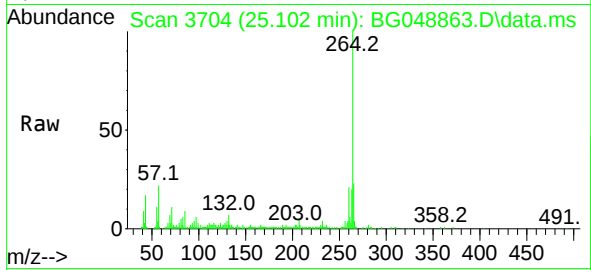
Tgt Ion:244 Resp: 404774
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 6.0 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.102 min Scan# 3704
Delta R.T. -0.009 min
Lab File: BG048863.D
Acq: 23 Apr 2021 14:50

Instrument :
BNA_G
ClientSampleId :
SB-32-10.5-11.0



Tgt Ion:264	Resp:	126807
Ion Ratio	Lower	Upper
264	100	
260	20.8	19.4 29.2
265	22.9	16.9 25.3

