

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048933.D
 Acq On : 13 Jun 2021 8:24
 Operator : CG/JU
 Sample : M2625-32
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(182-186)

Quant Time: Jun 14 03:19:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

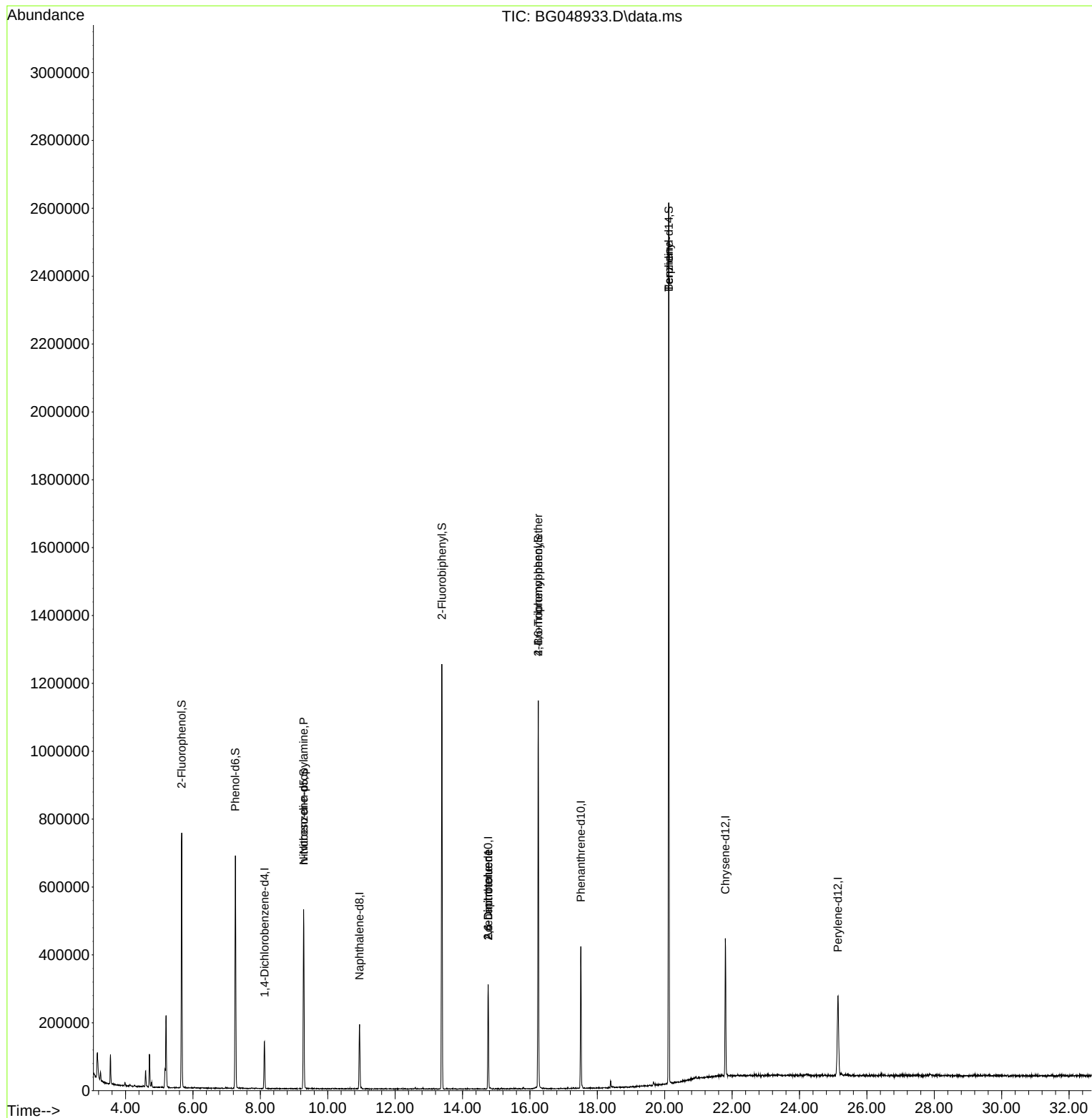
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	36870	20.00	ng	0.00
21) Naphthalene-d8	10.943	136	152696	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	112470	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	262368	20.00	ng	# 0.00
76) Chrysene-d12	21.801	240	263598	20.00	ng	-0.02
86) Perylene-d12	25.138	264	263492	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	285015	120.34	ng	0.00
7) Phenol-d6	7.259	99	340155	95.82	ng	0.00
23) Nitrobenzene-d5	9.286	82	311365	87.93	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	204328	122.62	ng	0.00
45) 2-Fluorobiphenyl	13.387	172	626055	78.63	ng	0.00
79) Terphenyl-d14	20.121	244	1181600	82.09	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.286	70	46798	16.87	ng	# 73
51) 2,6-Dinitrotoluene	14.762	165	13498	7.57	ng	# 12
57) 2,4-Dinitrotoluene	14.762	165	13498	6.16	ng	# 18
67) 4-Bromophenyl-phenylether	16.249	248	14117	4.31	ng	# 1
77) Benzdine	20.121	184	22931	4.32	ng	98

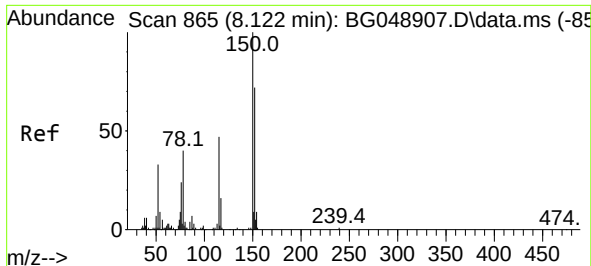
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
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Misc :
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QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

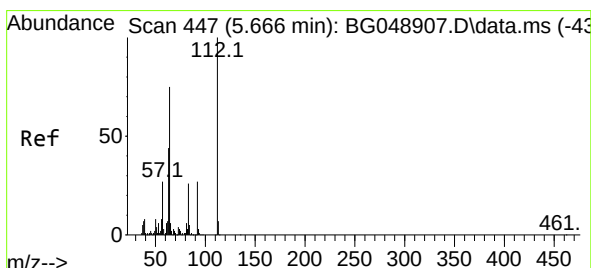
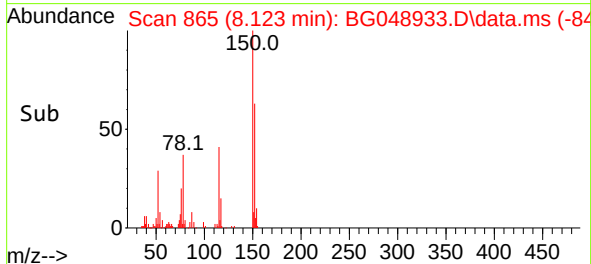
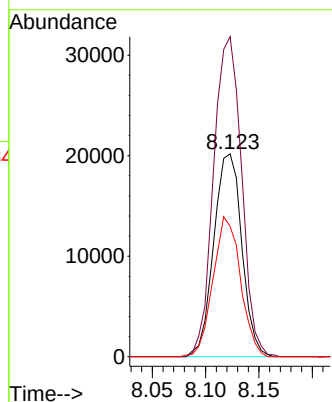
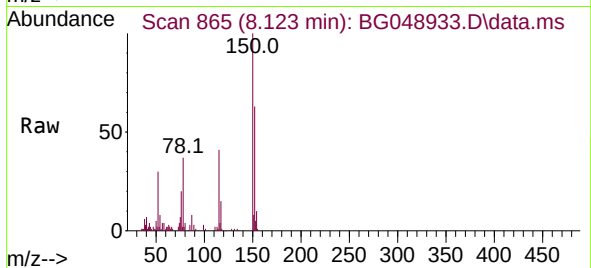




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

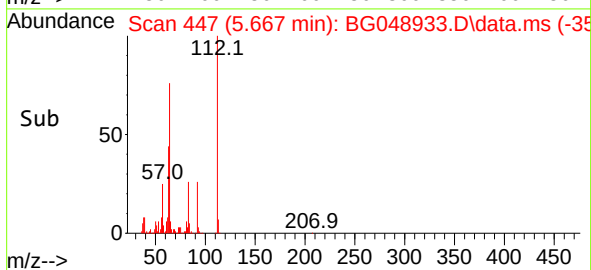
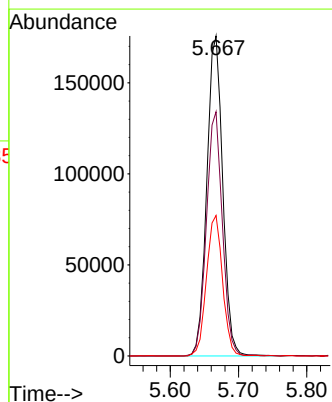
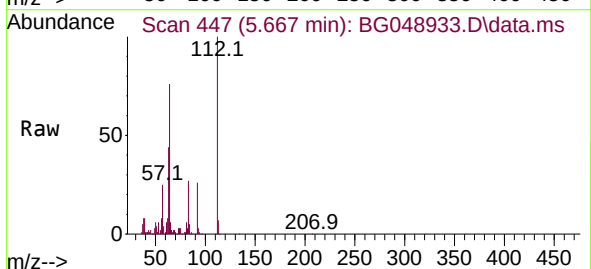
Instrument :
BNA_G
ClientSampleId :
18-B12(182-186)

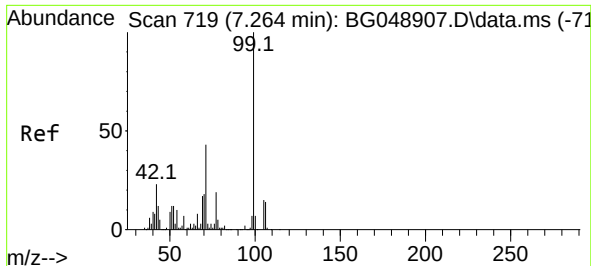
Tgt Ion:152 Resp: 36870
Ion Ratio Lower Upper
152 100
150 157.7 119.4 179.0
115 64.2 60.2 90.4



#5
2-Fluorophenol
Concen: 120.34 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Tgt Ion:112 Resp: 285015
Ion Ratio Lower Upper
112 100
64 76.3 46.7 70.1#
63 43.9 35.3 52.9

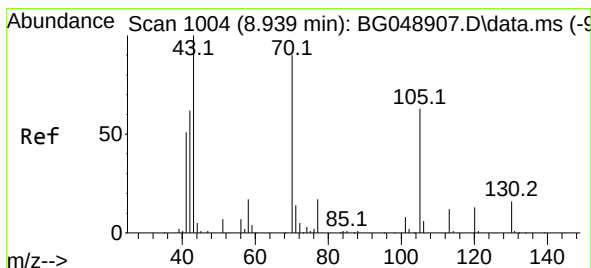
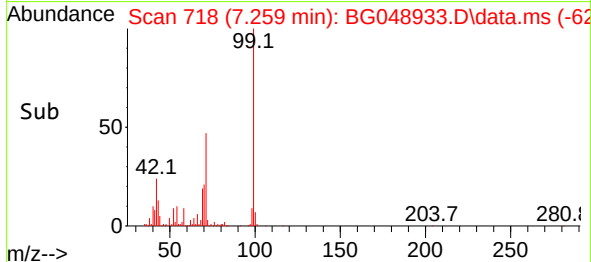
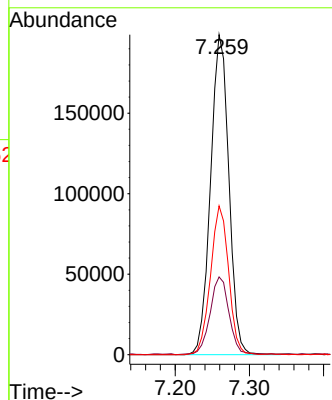
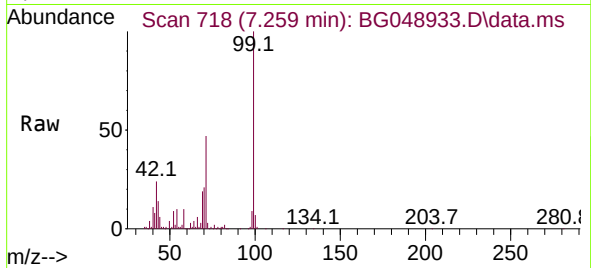




#7
Phenol-d6
Concen: 95.82 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

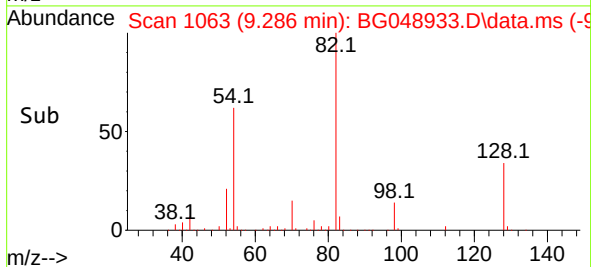
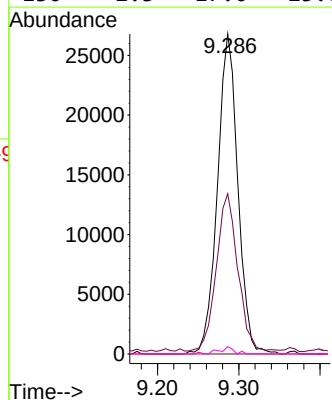
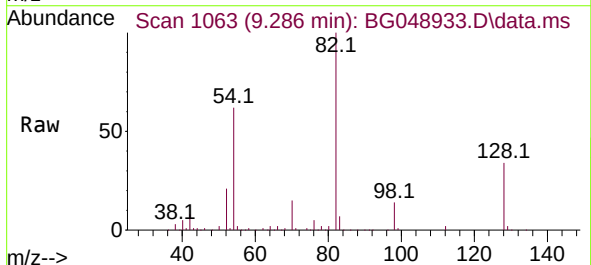
Instrument :
BNA_G
ClientSampleId :
18-B12(182-186)

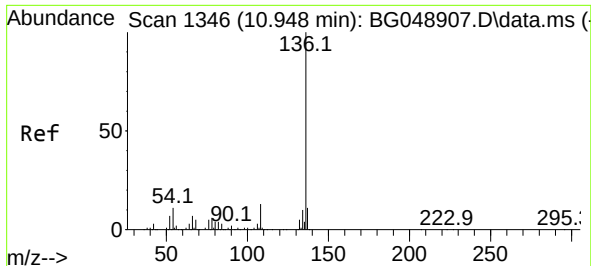
Tgt Ion: 99 Resp: 340155
Ion Ratio Lower Upper
99 100
42 24.3 20.5 30.7
71 46.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.87 ng
RT: 9.286 min Scan# 1063
Delta R.T. 0.347 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Tgt Ion: 70 Resp: 46798
Ion Ratio Lower Upper
70 100
42 50.1 54.5 81.7#
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#

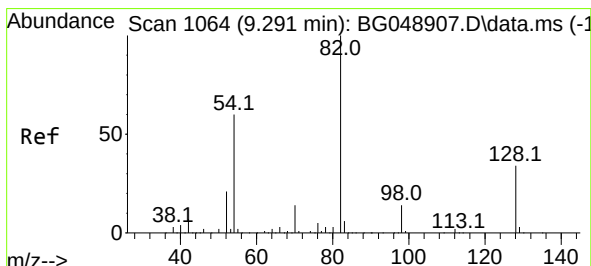
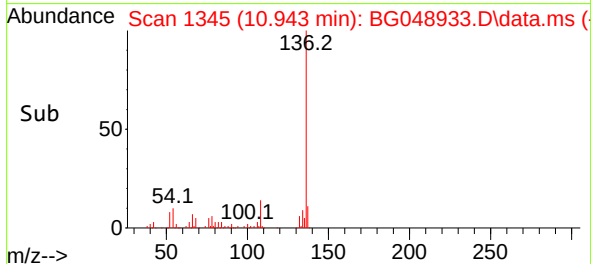
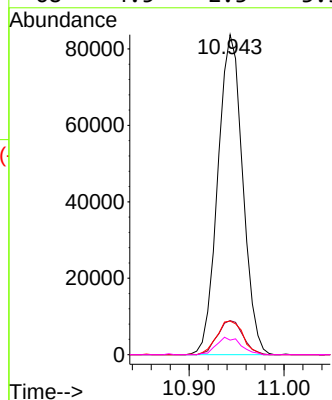
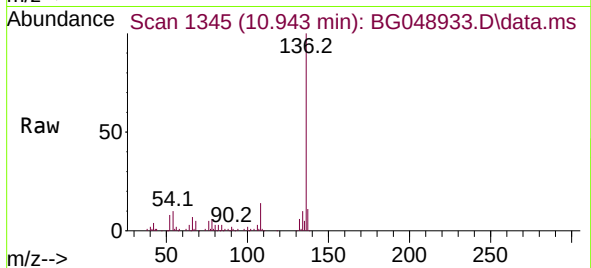




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

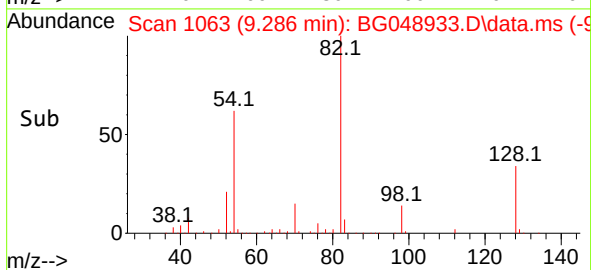
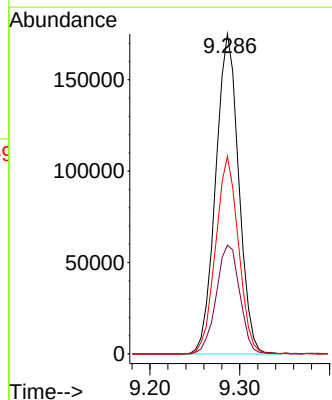
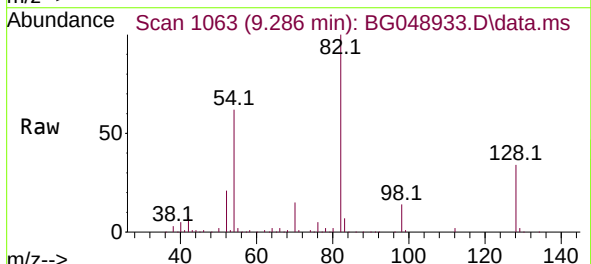
Instrument :
BNA_G
ClientSampleId :
18-B12(182-186)

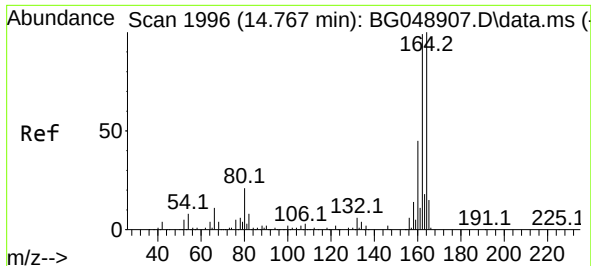
Tgt Ion:136	Resp:	152696
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.2 12.2
54	10.5	5.5 8.3#
68	4.5	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 87.93 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Tgt Ion: 82	Resp:	311365
Ion Ratio	Lower	Upper
82	100	
128	34.0	29.8 44.6
54	61.8	45.8 68.8

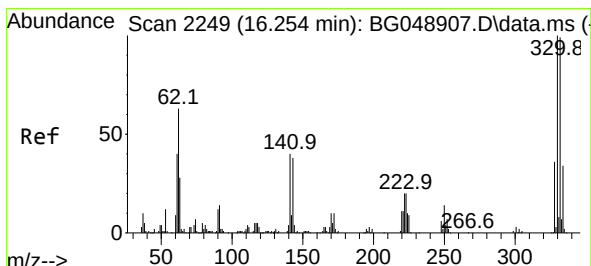
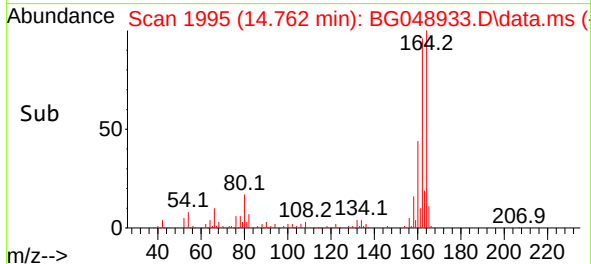
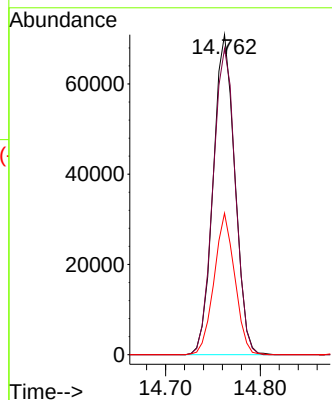
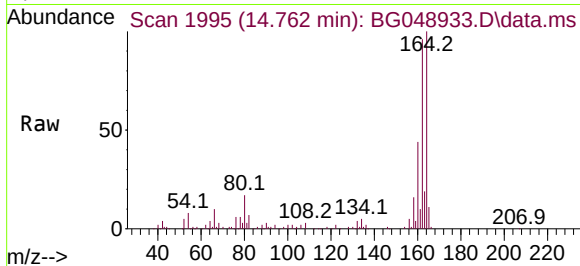




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

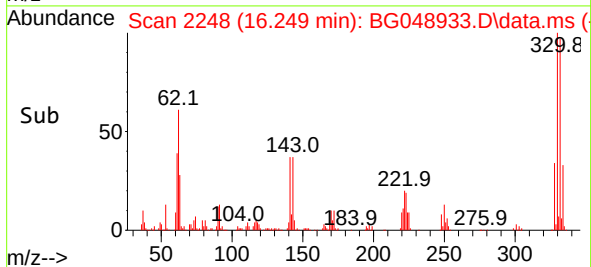
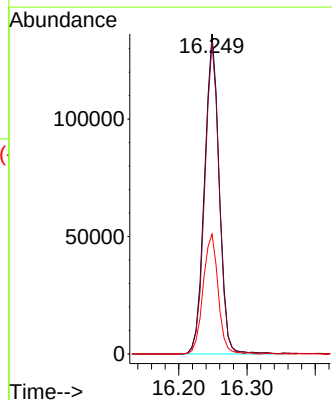
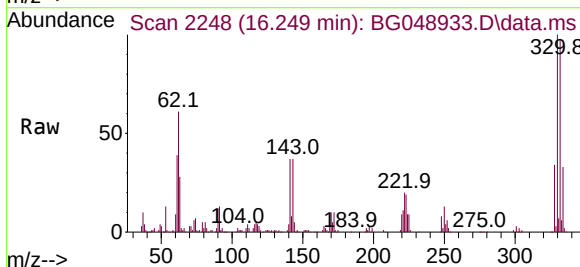
Instrument :
BNA_G
ClientSampleId :
18-B12(182-186)

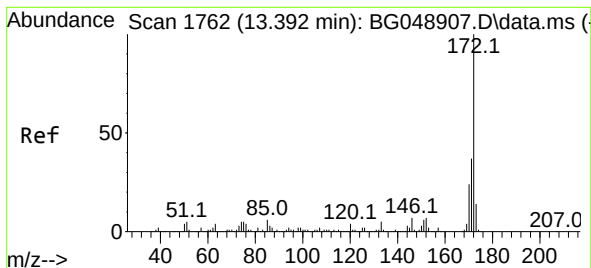
Tgt Ion:164 Resp: 112470
Ion Ratio Lower Upper
164 100
162 95.7 81.4 122.0
160 44.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 122.62 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Tgt Ion:330 Resp: 204328
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 38.2 35.6 53.4

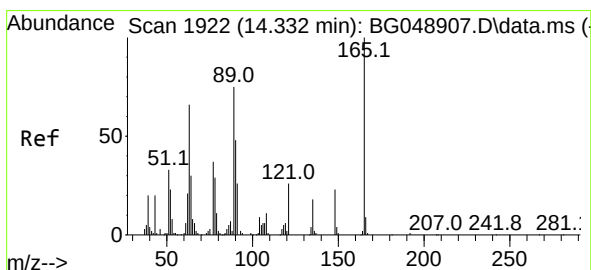
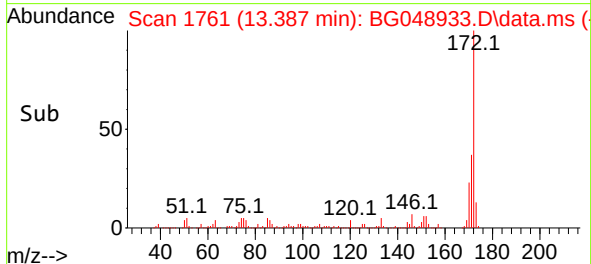
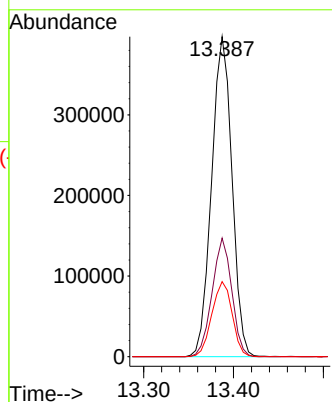
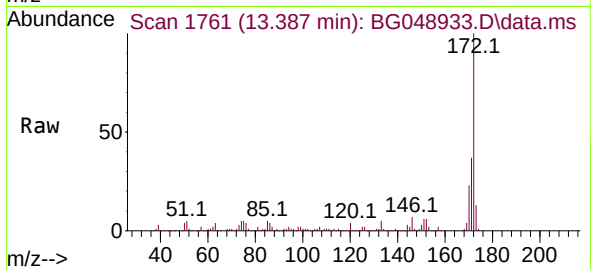




#45
2-Fluorobiphenyl
Concen: 78.63 ng
RT: 13.387 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

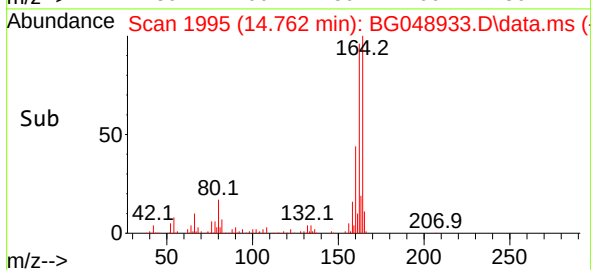
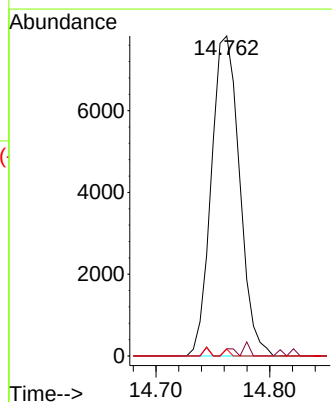
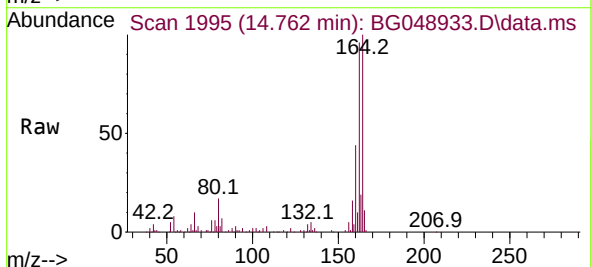
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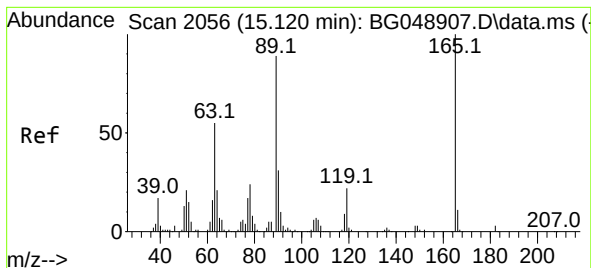
Tgt Ion:172 Resp: 626055
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 14.762 min Scan# 1995
Delta R.T. 0.430 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Tgt Ion:165 Resp: 13498
Ion Ratio Lower Upper
165 100
63 2.2 63.3 94.9#
89 2.1 63.4 95.0#

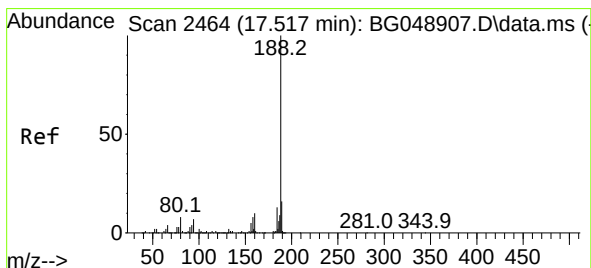
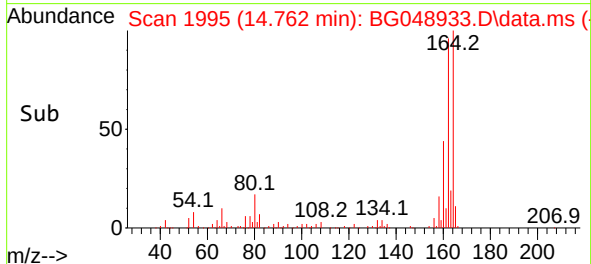
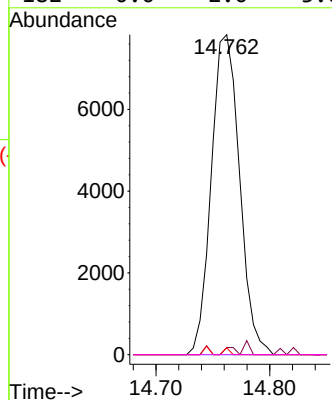
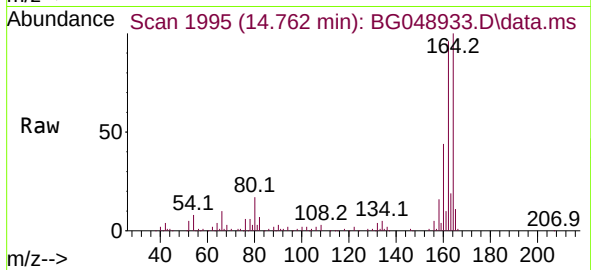




#57
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.358 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

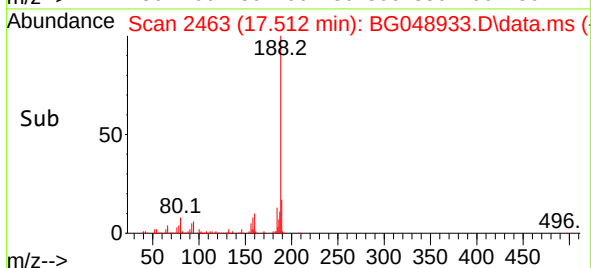
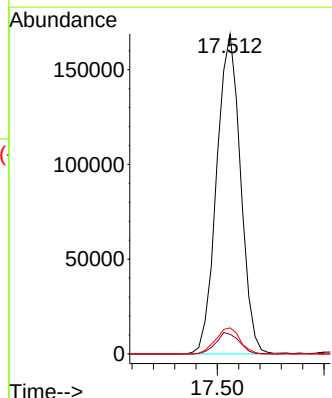
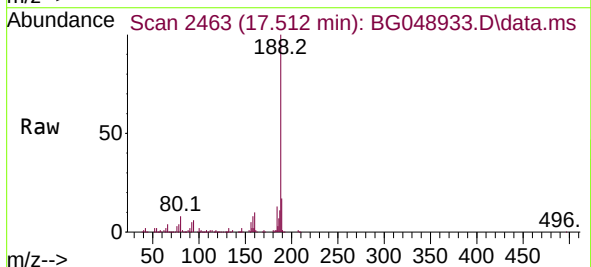
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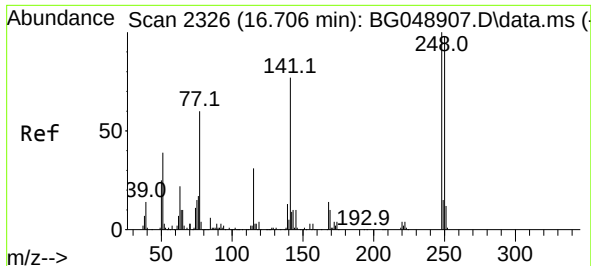
Tgt Ion:165	Resp:	13498
Ion Ratio	Lower	Upper
165	100	
63	2.2	48.0 72.0#
89	2.1	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Tgt Ion:188	Resp:	262368
Ion Ratio	Lower	Upper
188	100	
94	6.1	5.4 8.0
80	8.1	3.7 5.5#

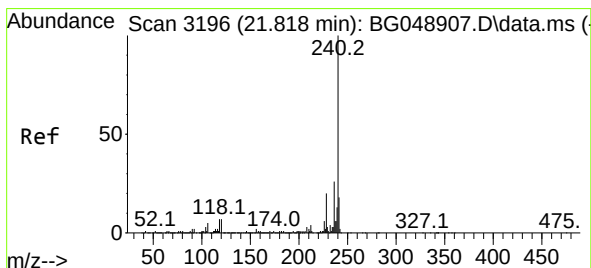
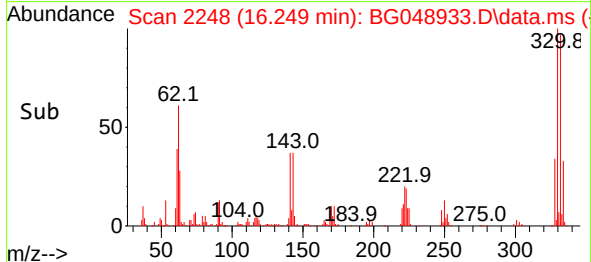
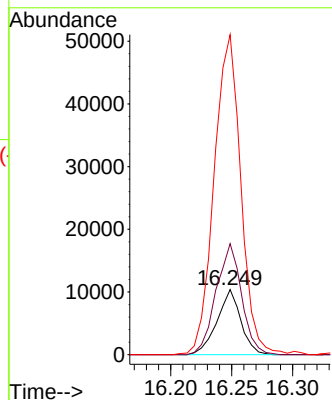
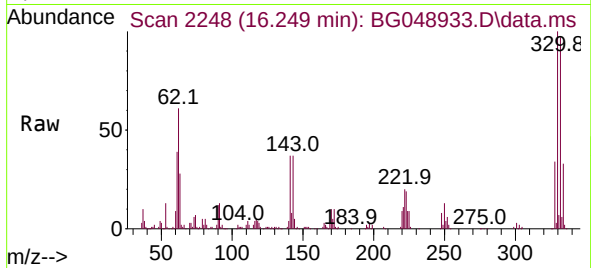




#67
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 16.249 min Scan# 2248
Delta R.T. -0.458 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

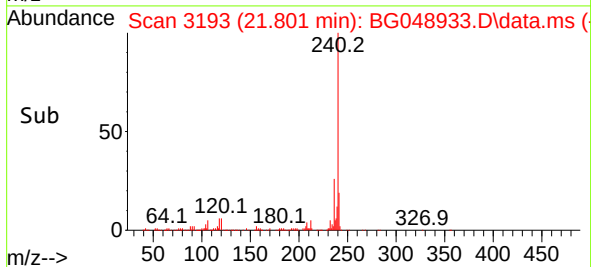
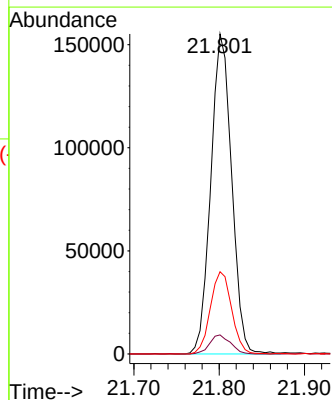
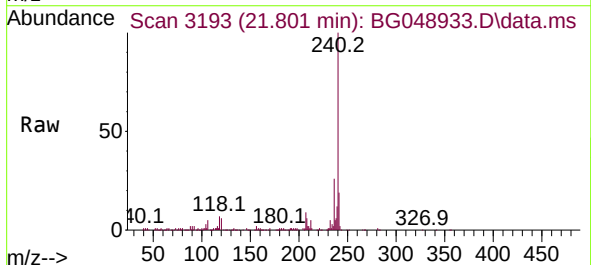
Instrument :
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18-B12(182-186)

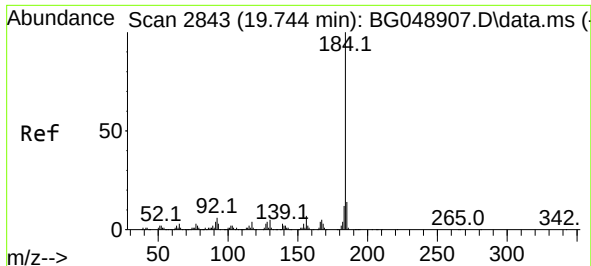
Tgt Ion:248 Resp: 14117
Ion Ratio Lower Upper
248 100
250 170.6 76.1 114.1#
141 491.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.801 min Scan# 3193
Delta R.T. -0.017 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

Tgt Ion:240 Resp: 263598
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 25.7 21.8 32.6

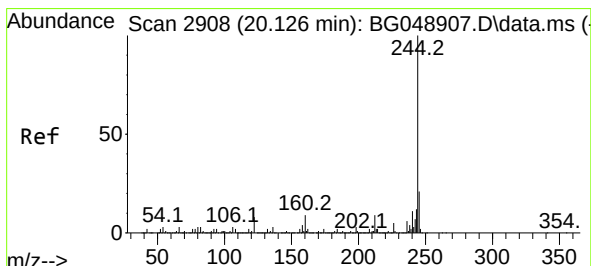
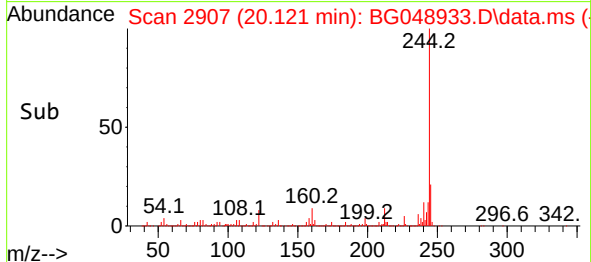
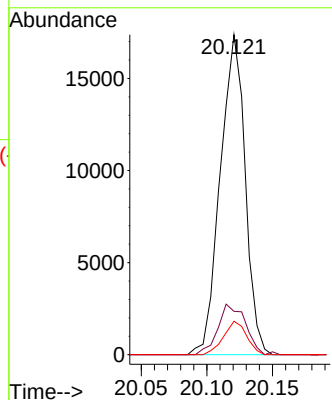
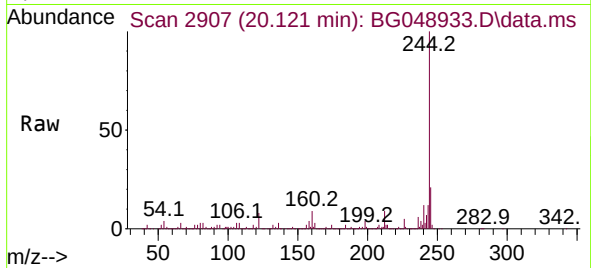




#77
Benzidine
Concen: 4.32 ng
RT: 20.121 min Scan# 2907
Delta R.T. 0.377 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

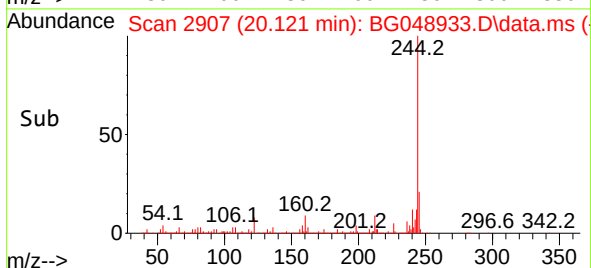
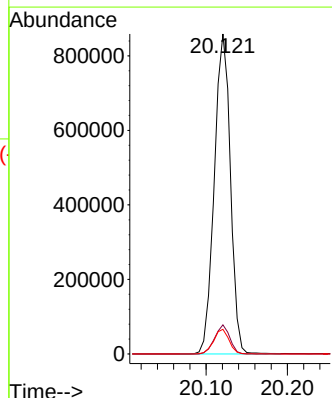
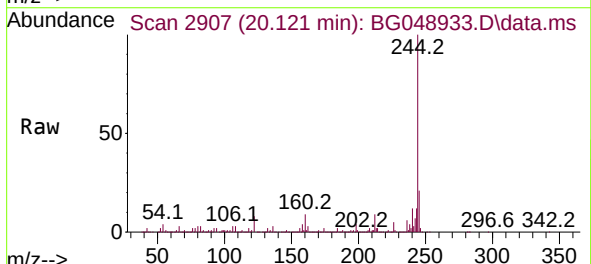
Instrument :
BNA_G
ClientSampleId :
18-B12(182-186)

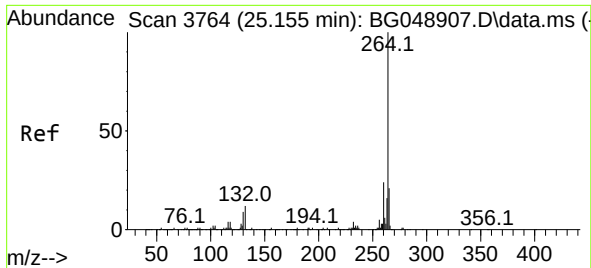
Tgt Ion:184 Resp: 22931
Ion Ratio Lower Upper
184 100
185 13.6 10.7 16.1
183 10.4 9.4 14.0



#79
Terphenyl-d14
Concen: 82.09 ng
RT: 20.121 min Scan# 2907
Delta R.T. -0.005 min
Lab File: BG048933.D
Acq: 13 Jun 2021 8:24

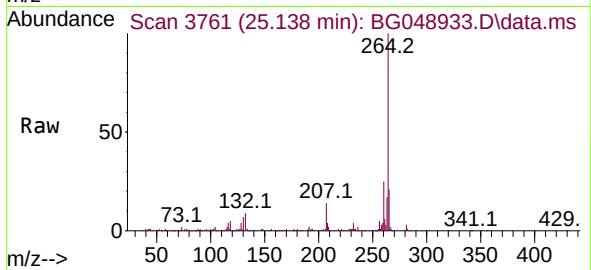
Tgt Ion:244 Resp: 1181600
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 7.7 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.138 min Scan# 3761
 Delta R.T. -0.017 min
 Lab File: BG048933.D
 Acq: 13 Jun 2021 8:24

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(182-186)



Tgt Ion:264	Resp:	263492
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.4 29.2
265	21.2	16.9 25.3

