

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048928.D
 Acq On : 13 Jun 2021 1:34
 Operator : CG/JU
 Sample : M2625-30
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(174-178)

Quant Time: Jun 14 03:18:24 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)

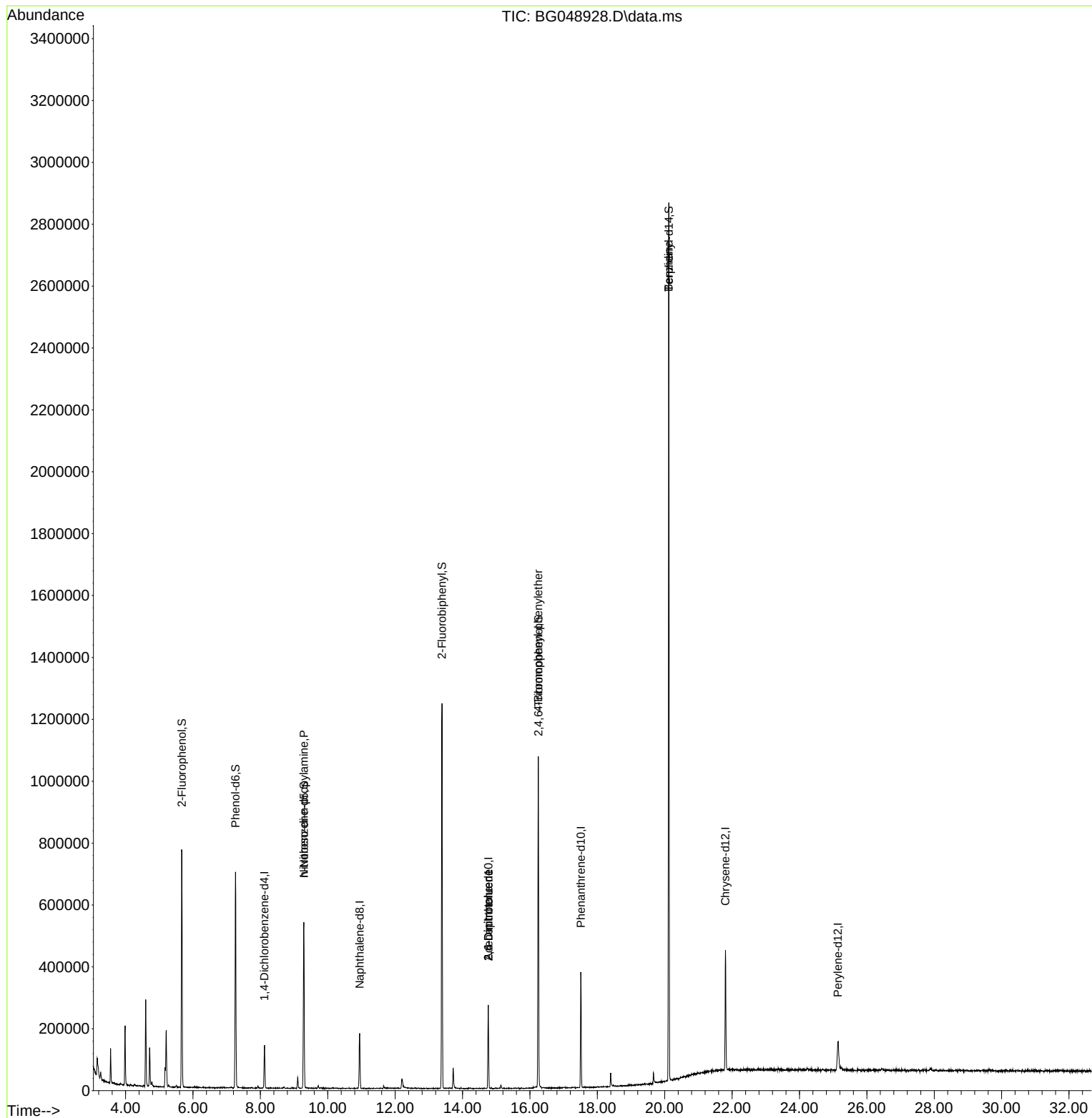
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	35008	20.00	ng	0.00
21) Naphthalene-d8	10.946	136	139152	20.00	ng	# 0.00
39) Acenaphthene-d10	14.765	164	94374	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	235414	20.00	ng	# 0.00
76) Chrysene-d12	21.804	240	236375	20.00	ng	#-0.01
86) Perylene-d12	25.141	264	80578	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	289520	128.74	ng	0.00
7) Phenol-d6	7.262	99	336450	99.82	ng	0.00
23) Nitrobenzene-d5	9.289	82	320388	99.28	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	201223	143.91	ng	0.00
45) 2-Fluorobiphenyl	13.391	172	631001	94.45	ng	0.00
79) Terphenyl-d14	20.124	244	1285855	99.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.289	70	46940	17.82	ng	# 78
51) 2,6-Dinitrotoluene	14.765	165	12269	8.20	ng	# 10
57) 2,4-Dinitrotoluene	14.765	165	12269	6.67	ng	# 15
67) 4-Bromophenyl-phenylether	16.246	248	12879	4.38	ng	# 1
77) Benzidine	20.118	184	26045	5.47	ng	# 91

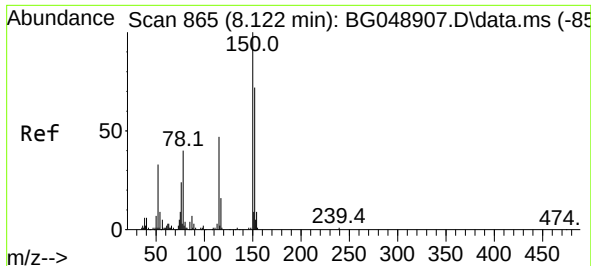
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
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Response via : Initial Calibration

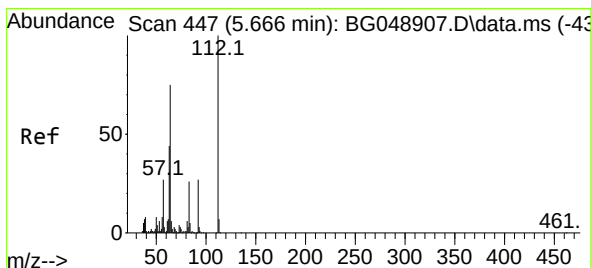
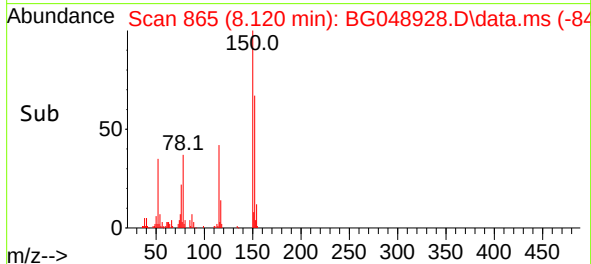
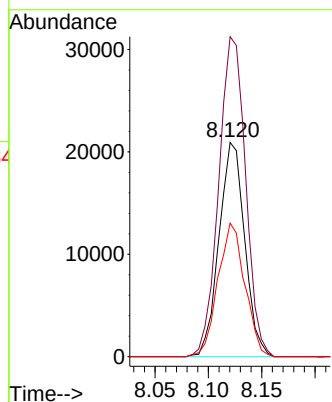
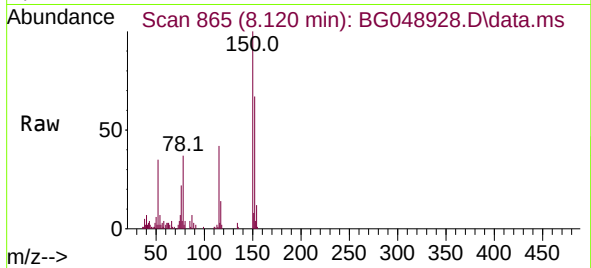




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.120 min Scan# 865
Delta R.T. -0.002 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

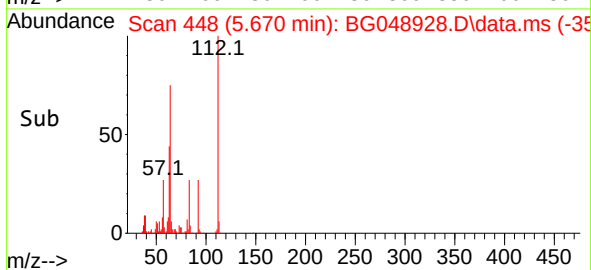
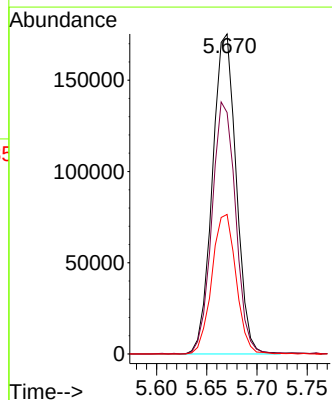
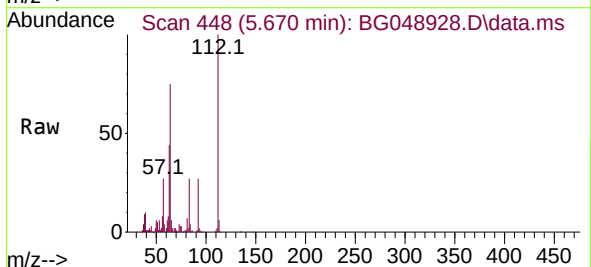
Instrument :
BNA_G
ClientSampleId :
18-B12(174-178)

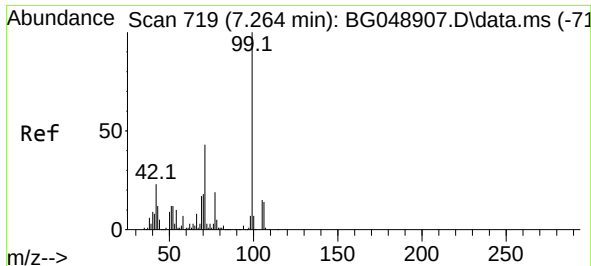
Tgt Ion:152 Resp: 35008
Ion Ratio Lower Upper
152 100
150 149.3 119.4 179.0
115 62.3 60.2 90.4



#5
2-Fluorophenol
Concen: 128.74 ng
RT: 5.670 min Scan# 448
Delta R.T. 0.004 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

Tgt Ion:112 Resp: 289520
Ion Ratio Lower Upper
112 100
64 75.4 46.7 70.1#
63 43.6 35.3 52.9

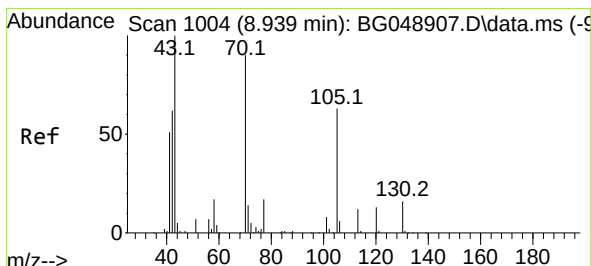
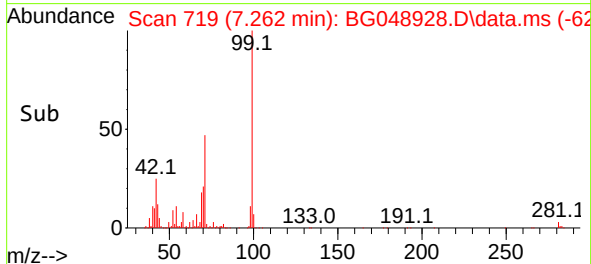
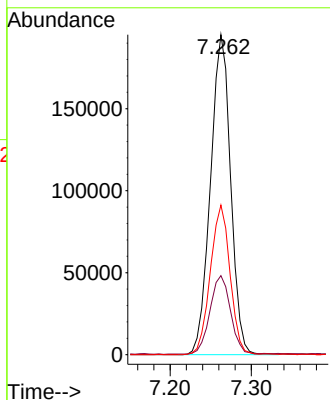
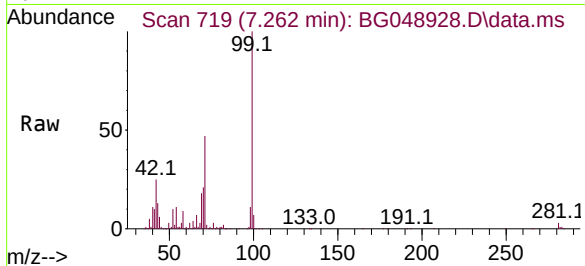




#7
Phenol-d6
Concen: 99.82 ng
RT: 7.262 min Scan# 719
Delta R.T. -0.002 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

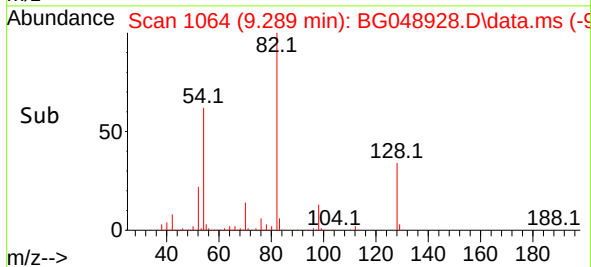
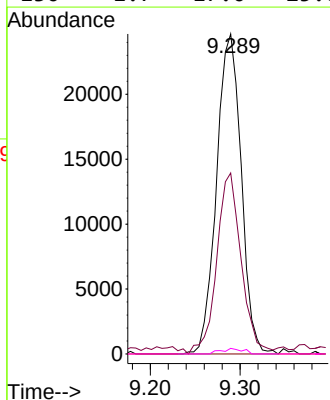
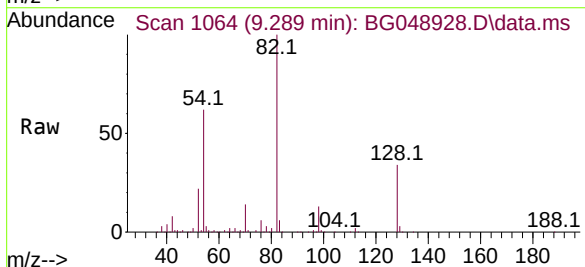
Instrument :
BNA_G
ClientSampleId :
18-B12(174-178)

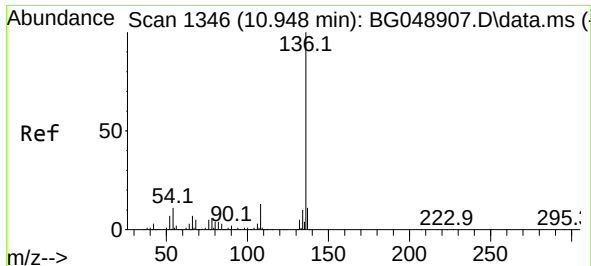
Tgt Ion: 99 Resp: 336450
Ion Ratio Lower Upper
99 100
42 24.7 20.5 30.7
71 46.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.82 ng
RT: 9.289 min Scan# 1064
Delta R.T. 0.351 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

Tgt Ion: 70 Resp: 46940
Ion Ratio Lower Upper
70 100
42 56.6 54.5 81.7
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#

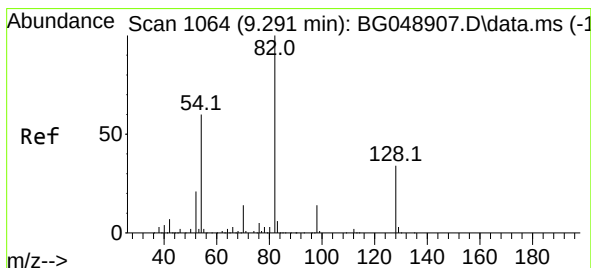
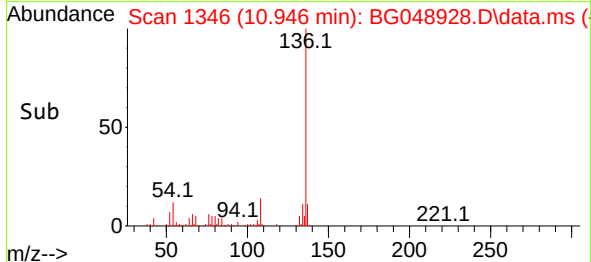
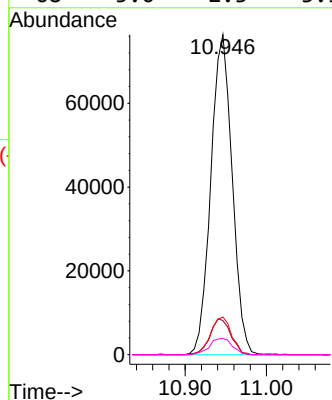
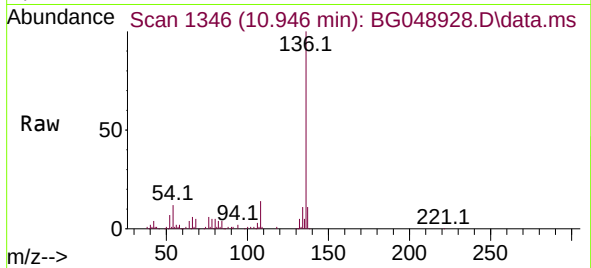




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.946 min Scan# 1346
Delta R.T. -0.002 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

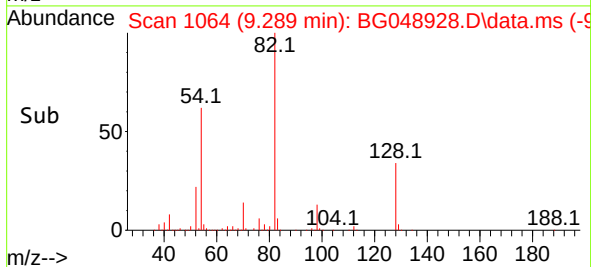
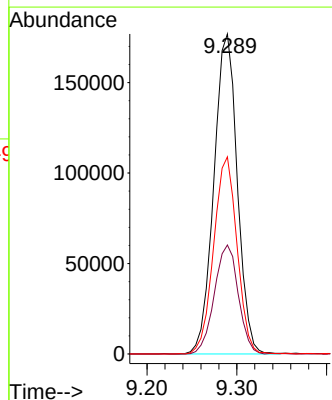
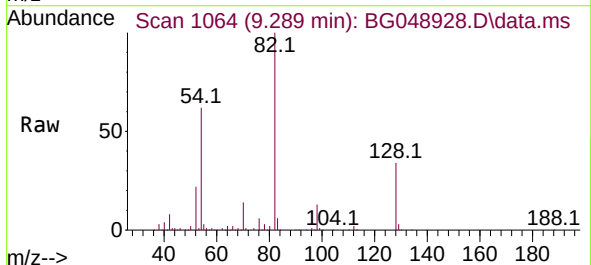
Instrument :
BNA_G
ClientSampleId :
18-B12(174-178)

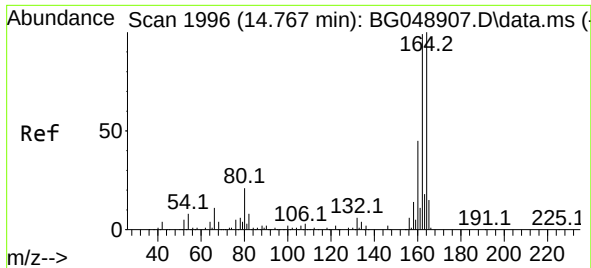
Tgt Ion:136	Resp:	139152
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	11.8	5.5 8.3#
68	5.0	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 99.28 ng
RT: 9.289 min Scan# 1064
Delta R.T. -0.002 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

Tgt Ion: 82	Resp:	320388
Ion Ratio	Lower	Upper
82	100	
128	34.0	29.8 44.6
54	61.6	45.8 68.8

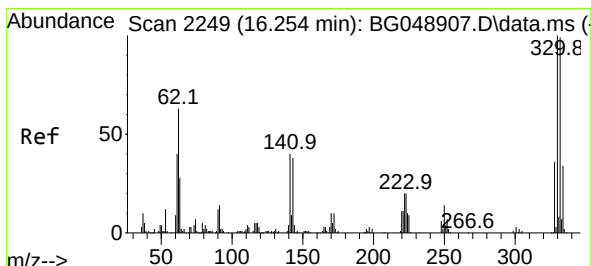
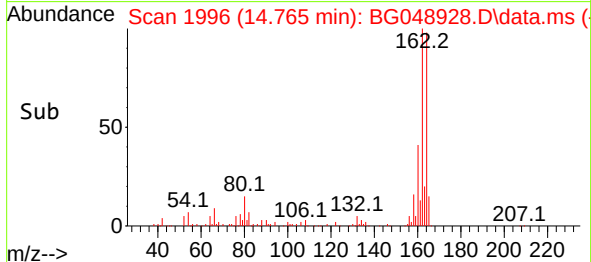
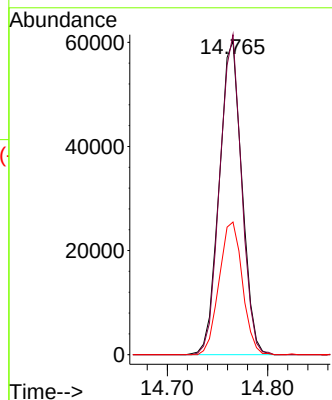
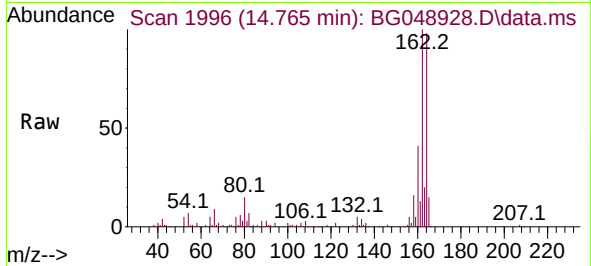




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.765 min Scan# 1996
Delta R.T. -0.002 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

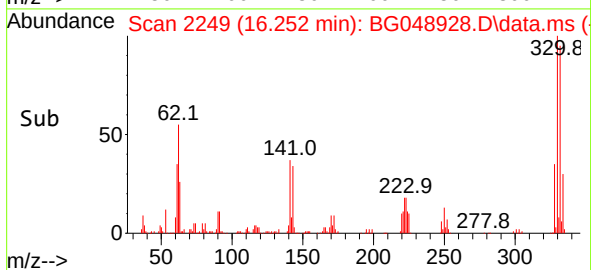
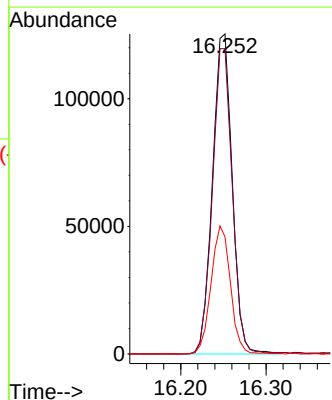
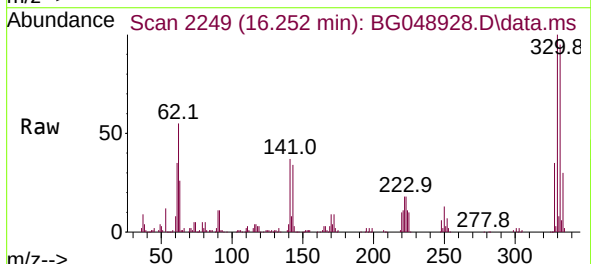
Instrument :
BNA_G
ClientSampleId :
18-B12(174-178)

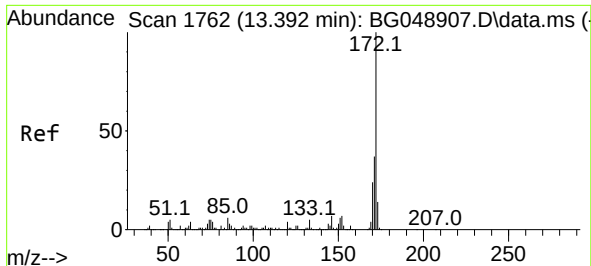
Tgt Ion:164 Resp: 94374
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 42.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 143.91 ng
RT: 16.252 min Scan# 2249
Delta R.T. -0.002 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

Tgt Ion:330 Resp: 201223
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 39.4 35.6 53.4

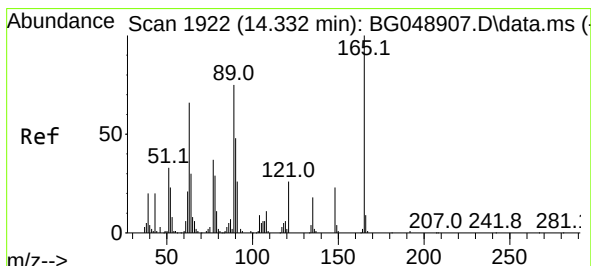
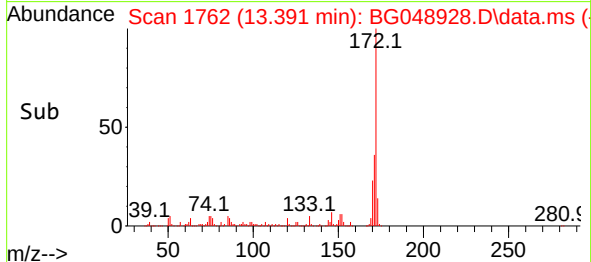
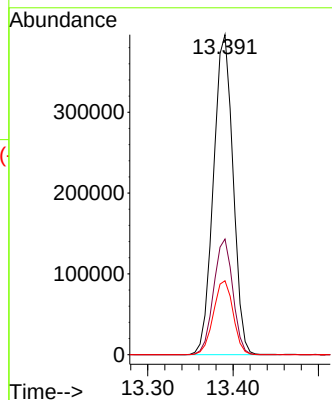
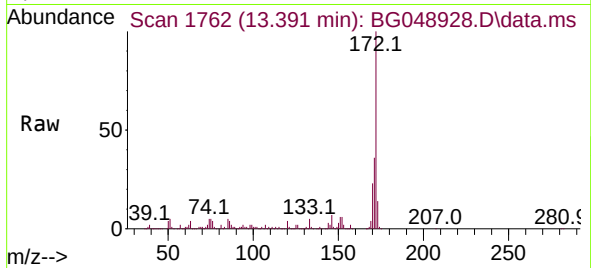




#45
2-Fluorobiphenyl
Concen: 94.45 ng
RT: 13.391 min Scan# 1762
Delta R.T. -0.001 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

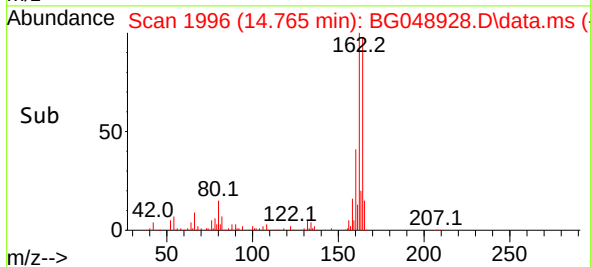
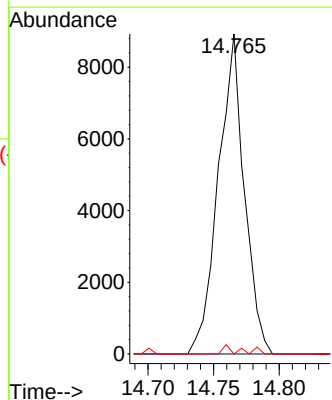
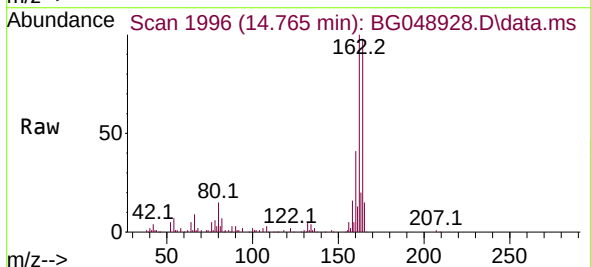
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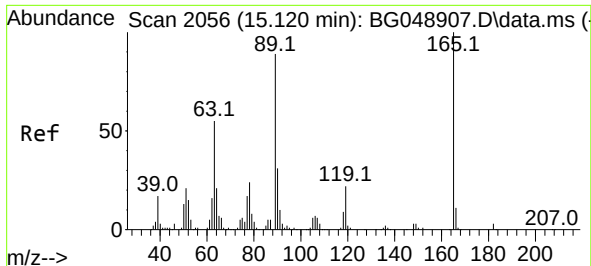
Tgt Ion:172 Resp: 631001
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.20 ng
RT: 14.765 min Scan# 1996
Delta R.T. 0.433 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

Tgt Ion:165 Resp: 12269
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

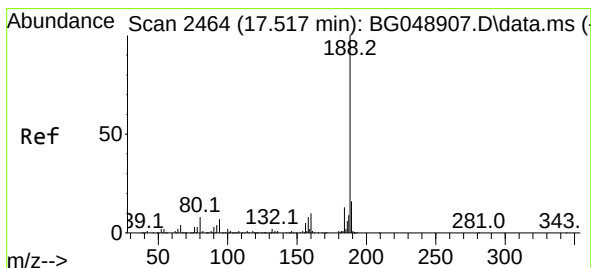
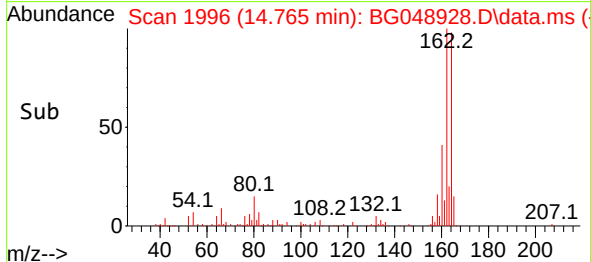
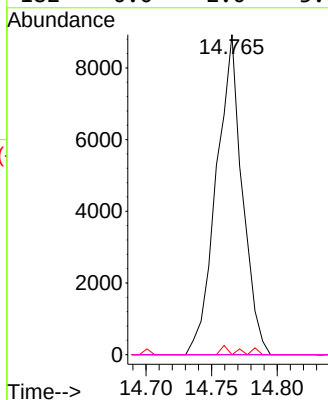
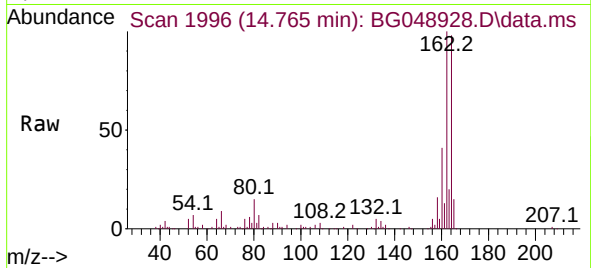




#57
2,4-Dinitrotoluene
Concen: 6.67 ng
RT: 14.765 min Scan# 1996
Delta R.T. -0.354 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

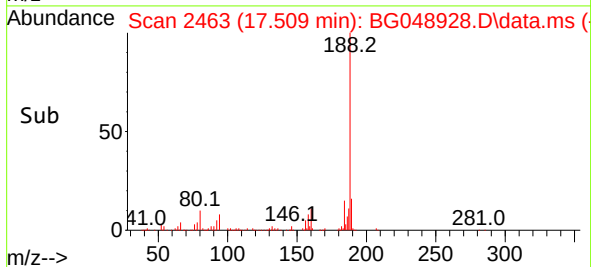
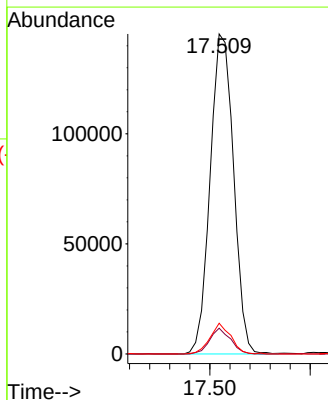
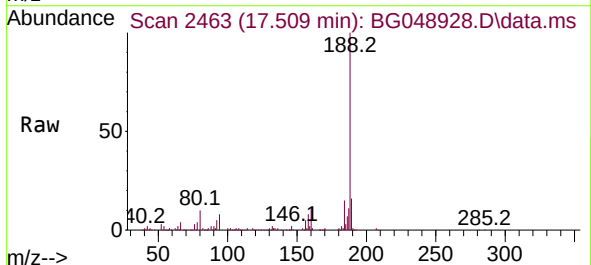
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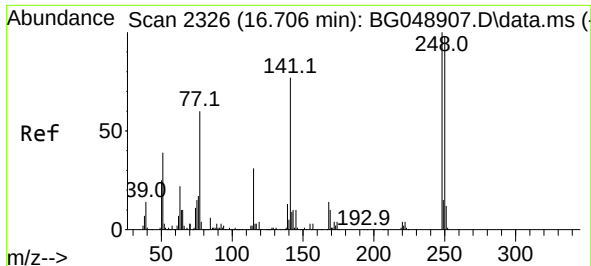
Tgt Ion:165	Resp:	12269
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	0.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2463
Delta R.T. -0.008 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

Tgt Ion:188	Resp:	235414
Ion Ratio	Lower	Upper
188	100	
94	8.0	5.4 8.0
80	9.6	3.7 5.5#

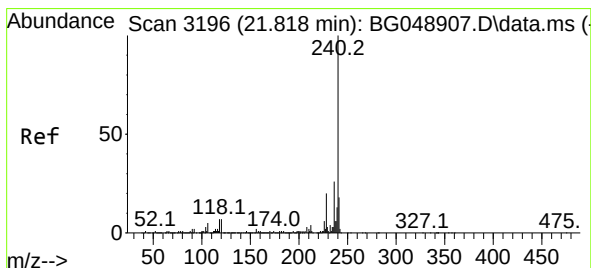
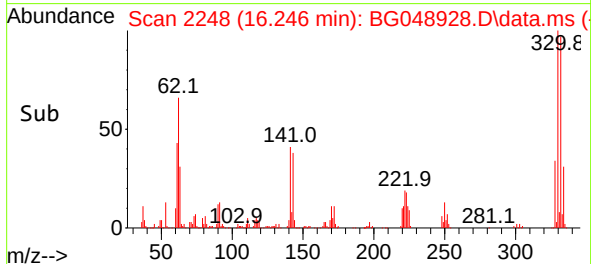
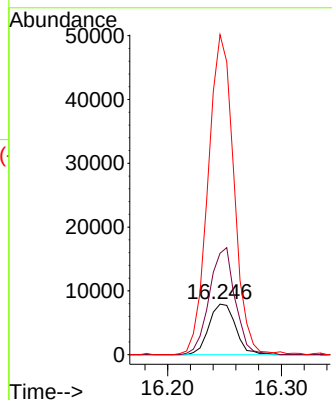
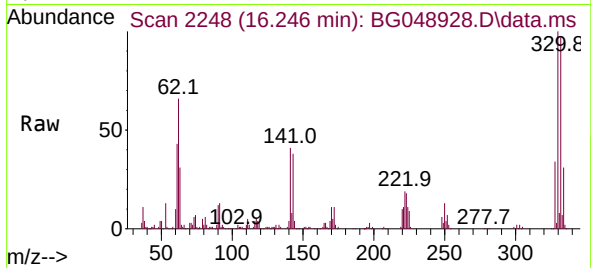




#67
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.460 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

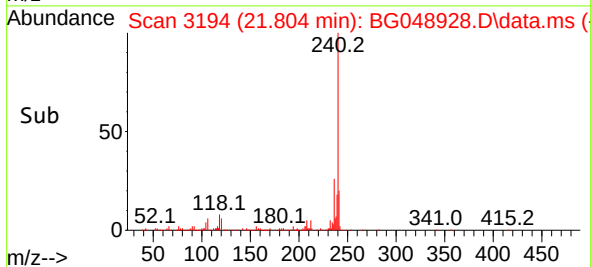
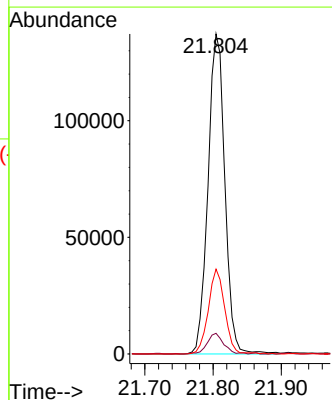
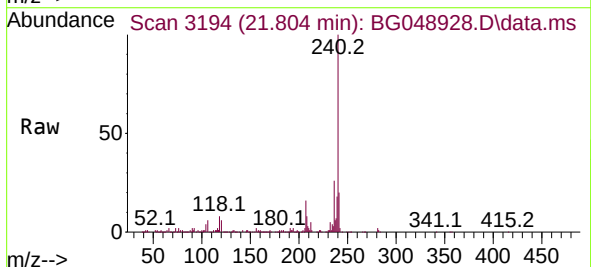
Instrument :
BNA_G
ClientSampleId :
18-B12(174-178)

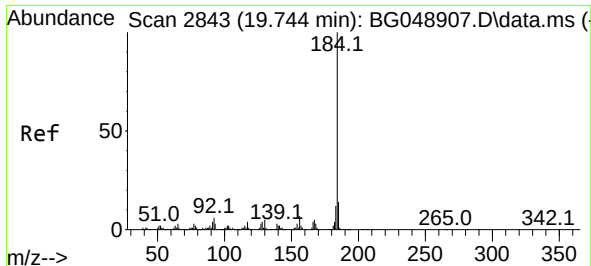
Tgt Ion:248 Resp: 12879
Ion Ratio Lower Upper
248 100
250 201.0 76.1 114.1#
141 633.6 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.804 min Scan# 3194
Delta R.T. -0.014 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

Tgt Ion:240 Resp: 236375
Ion Ratio Lower Upper
240 100
120 6.4 4.2 6.2#
236 26.5 21.8 32.6

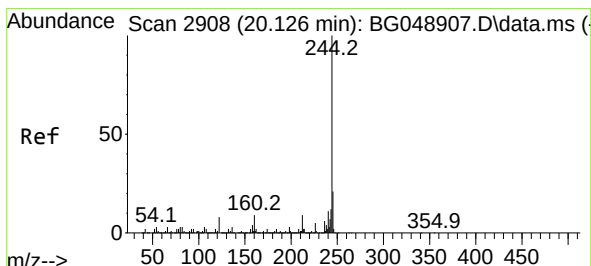
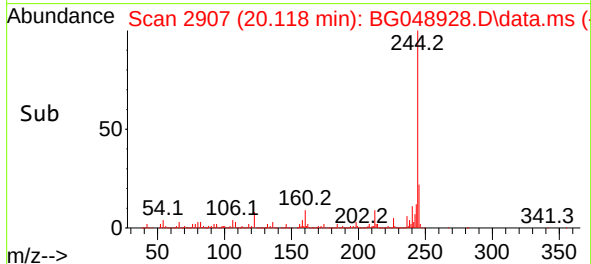
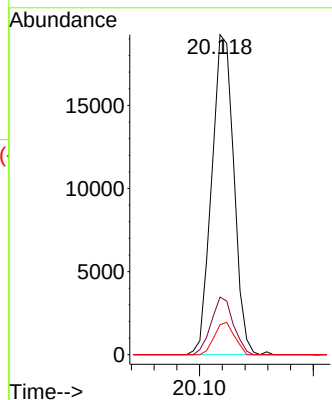
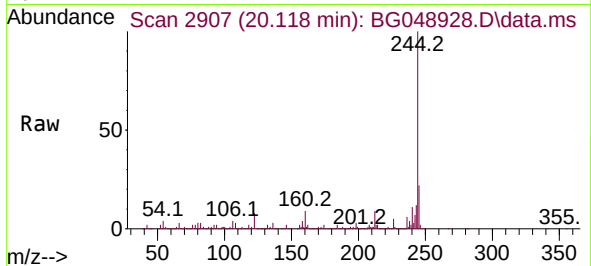




#77
Benzidine
Concen: 5.47 ng
RT: 20.118 min Scan# 2907
Delta R.T. 0.374 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

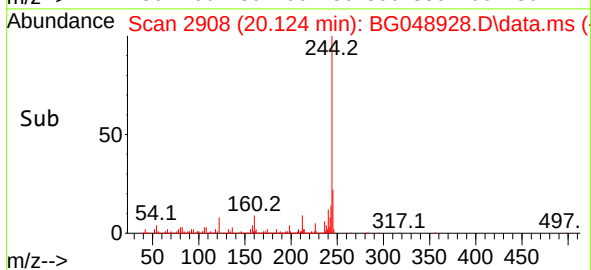
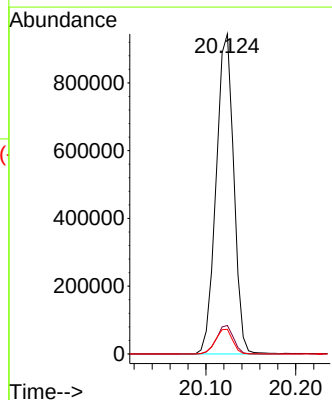
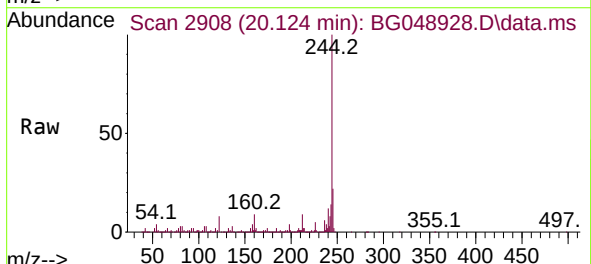
Instrument :
BNA_G
ClientSampleId :
18-B12(174-178)

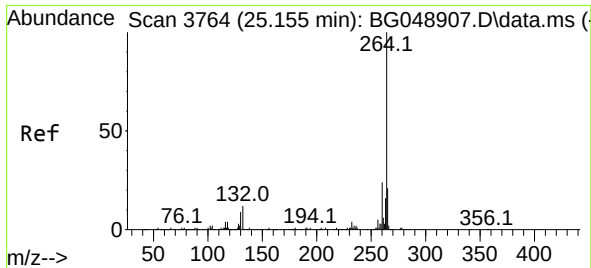
Tgt Ion:184 Resp: 26045
Ion Ratio Lower Upper
184 100
185 18.0 10.7 16.1#
183 9.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 99.63 ng
RT: 20.124 min Scan# 2908
Delta R.T. -0.002 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

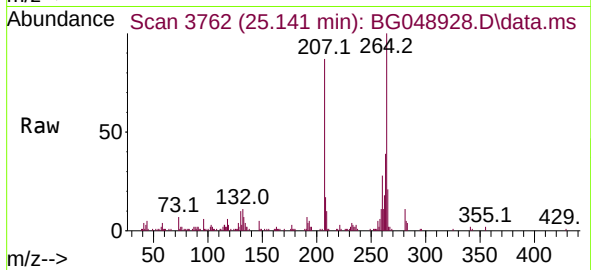
Tgt Ion:244 Resp: 1285855
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 7.7 5.0 7.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3762
Delta R.T. -0.014 min
Lab File: BG048928.D
Acq: 13 Jun 2021 1:34

Instrument :
BNA_G
ClientSampleId :
18-B12(174-178)



Tgt Ion:	264	Resp:	80578
Ion Ratio	Lower	Upper	
264	100		
260	27.7	19.4	29.2
265	20.9	16.9	25.3

