

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010521\
 Data File : BG047872.D
 Acq On : 5 Jan 2021 18:16
 Operator : CG/JU
 Sample : M1007-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-LA-22-1-WC

Quant Time: Jan 06 00:02:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

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

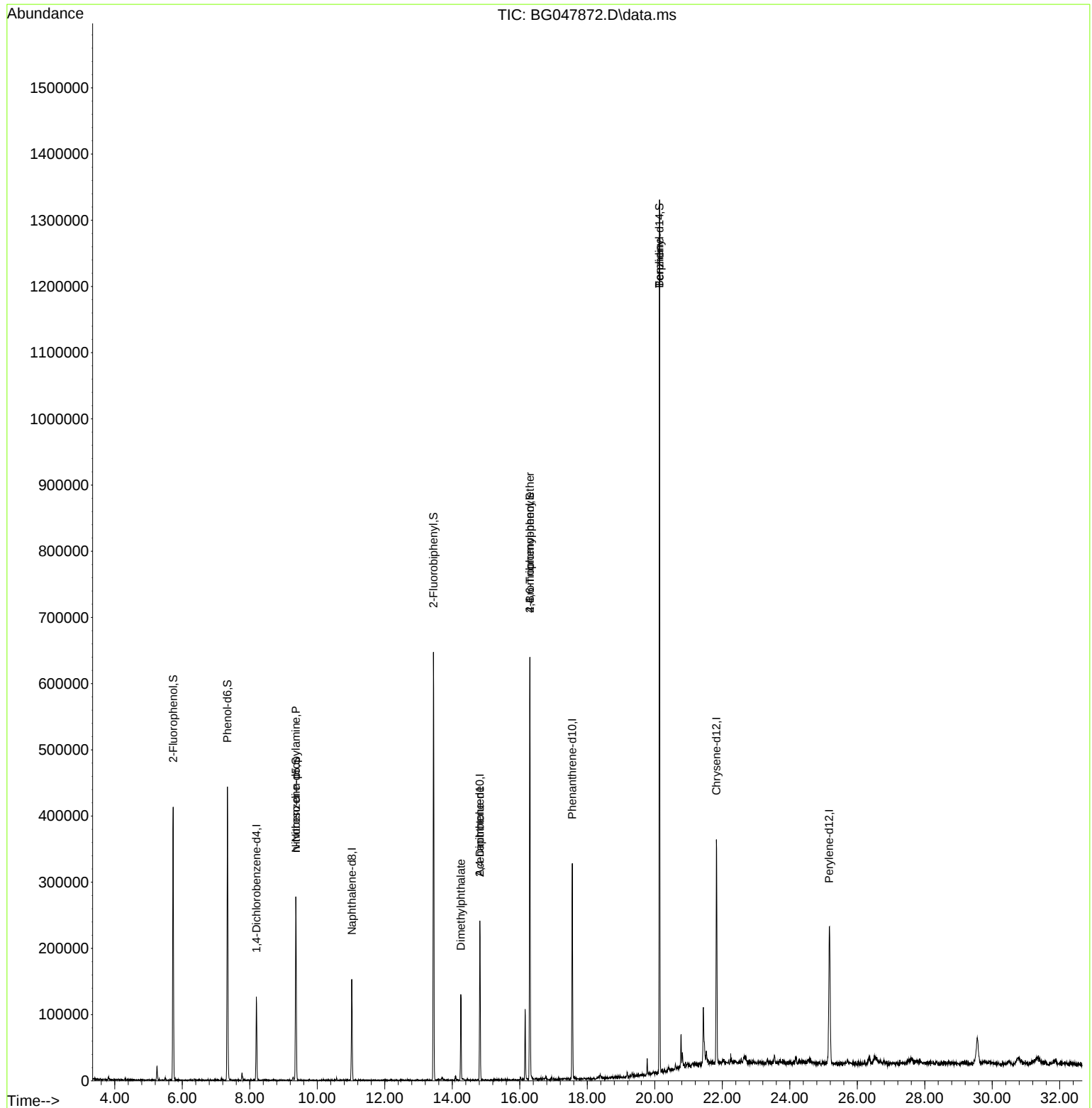
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.196	152	31181	20.00	ng	0.00
21) Naphthalene-d8	11.022	136	117857	20.00	ng	# 0.00
39) Acenaphthene-d10	14.818	164	84775	20.00	ng	0.00
64) Phenanthrene-d10	17.556	188	209576	20.00	ng	# 0.00
76) Chrysene-d12	21.827	240	223736	20.00	ng	# 0.00
86) Perylene-d12	25.170	264	232468	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.728	112	152222	84.45	ng	0.00
7) Phenol-d6	7.338	99	206408	78.34	ng	0.00
23) Nitrobenzene-d5	9.365	82	162163	50.61	ng	0.00
42) 2,4,6-Tribromophenol	16.298	330	115174	79.58	ng	0.00
45) 2-Fluorobiphenyl	13.443	172	324464	49.53	ng	0.00
79) Terphenyl-d14	20.141	244	566089	41.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.365	70	25406	13.86	ng	# 79
50) Dimethylphthalate	14.254	163	78019	10.68	ng	99
57) 2,4-Dinitrotoluene	14.818	165	10251	4.64	ng	# 30
67) 4-Bromophenyl-phenylether	16.298	248	7706	2.74	ng	# 1
70) Pentachlorophenol	17.450	266	73	Below Cal		# 19
77) Benzidine	20.141	184	12067	2.01	ng	97

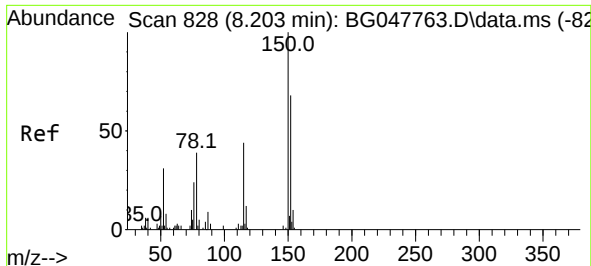
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

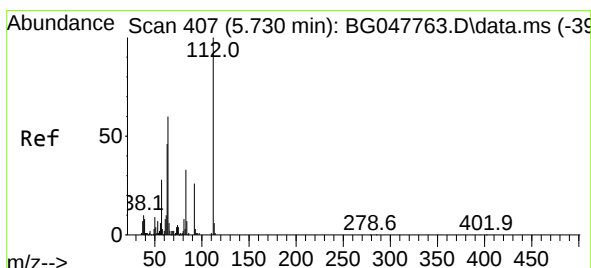
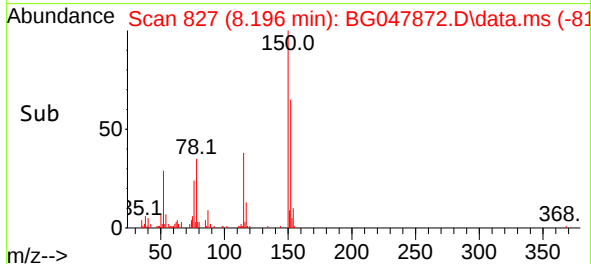
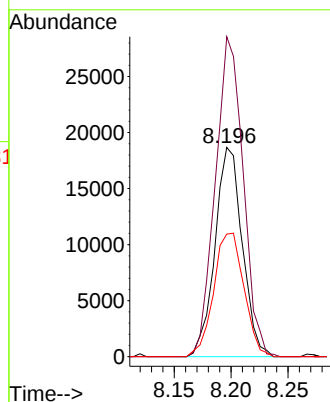
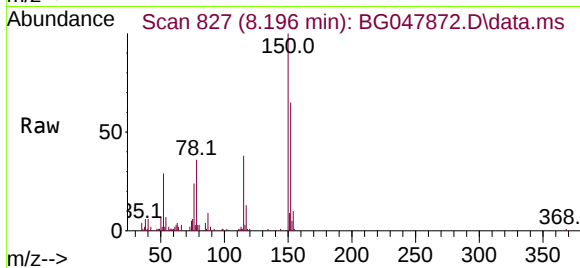




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.196 min Scan# 827
Delta R.T. -0.007 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

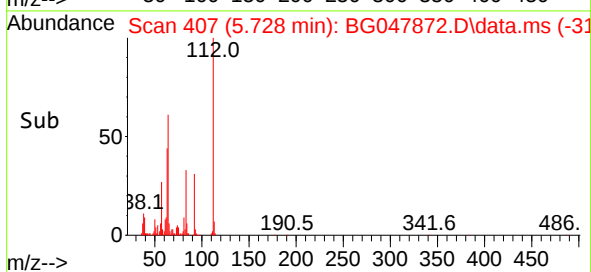
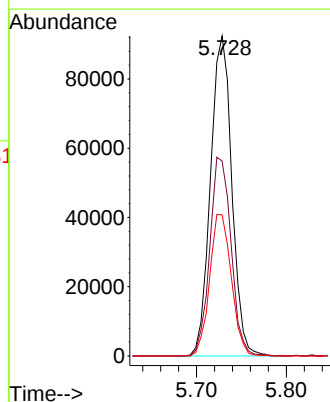
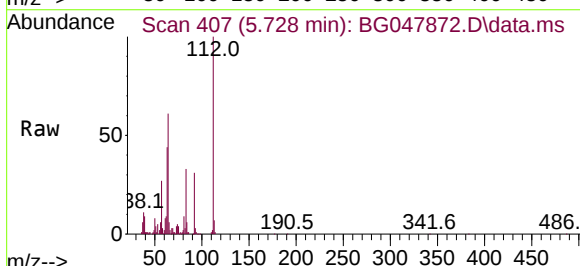
Instrument :
BNA_G
ClientSampleId :
R-LA-22-1-WC

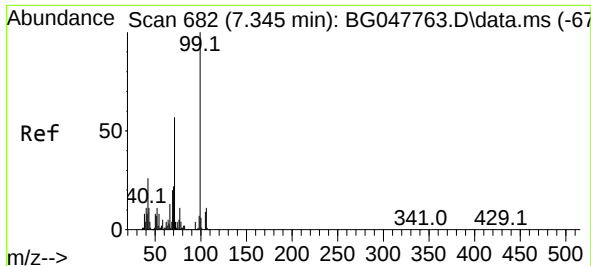
Tgt Ion:152 Resp: 31181
Ion Ratio Lower Upper
152 100
150 152.9 125.0 187.6
115 58.5 41.8 62.6



#5
2-Fluorophenol
Concen: 84.45 ng
RT: 5.728 min Scan# 407
Delta R.T. -0.001 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

Tgt Ion:112 Resp: 152222
Ion Ratio Lower Upper
112 100
64 60.9 46.7 70.1
63 44.1 22.8 34.2#

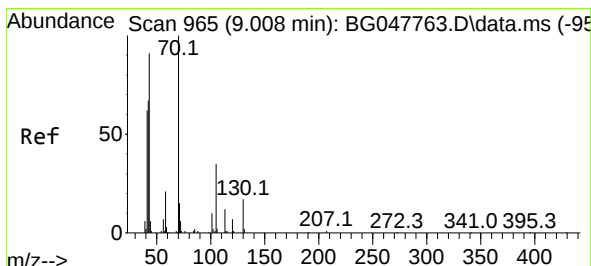
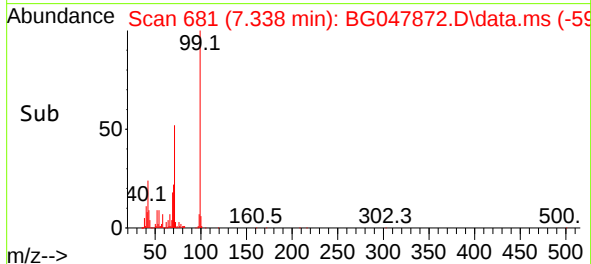
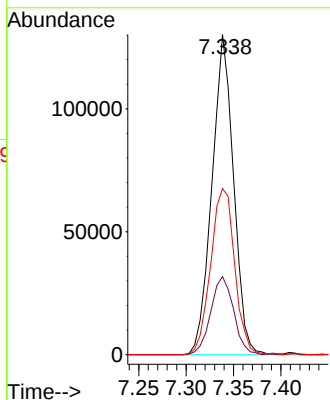
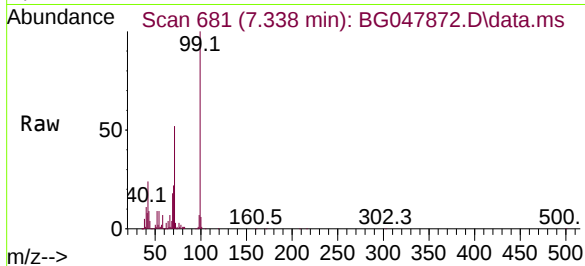




#7
Phenol-d6
Concen: 78.34 ng
RT: 7.338 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

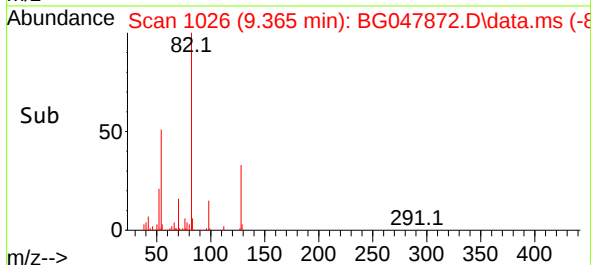
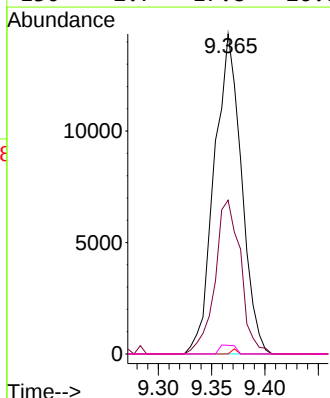
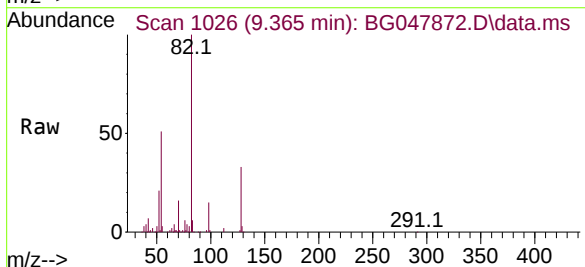
Instrument :
BNA_G
ClientSampleId :
R-LA-22-1-WC

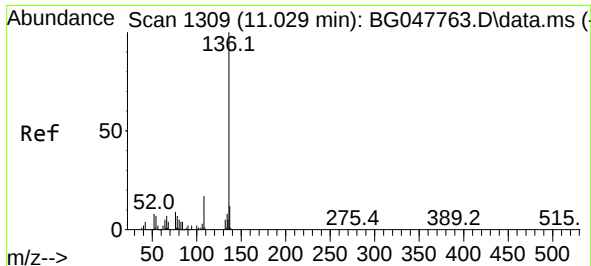
Tgt Ion: 99 Resp: 206408
Ion Ratio Lower Upper
99 100
42 24.4 12.8 19.2#
71 51.9 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.86 ng
RT: 9.365 min Scan# 1026
Delta R.T. 0.357 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

Tgt Ion: 70 Resp: 25406
Ion Ratio Lower Upper
70 100
42 48.0 45.6 68.4
101 0.0 8.4 12.6#
130 2.7 17.8 26.8#

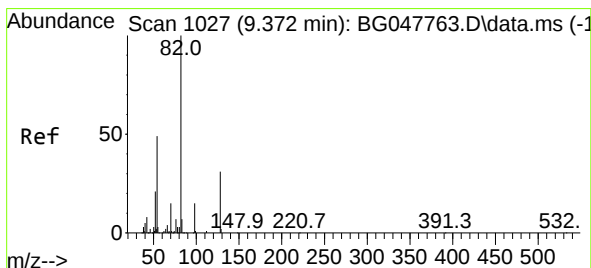
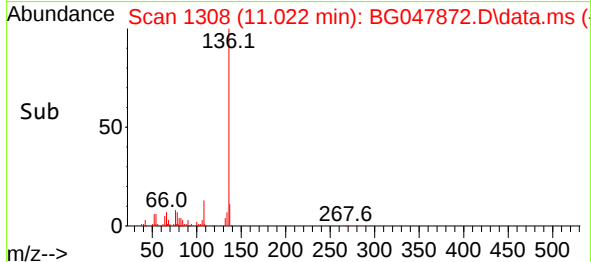
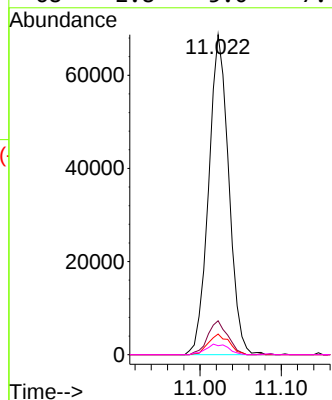
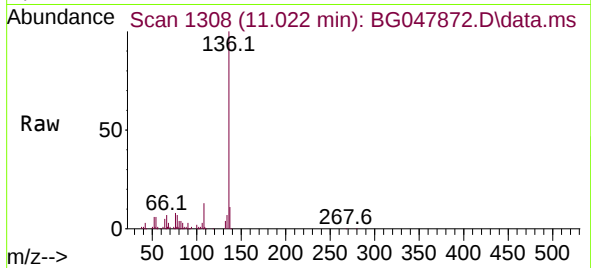




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.022 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

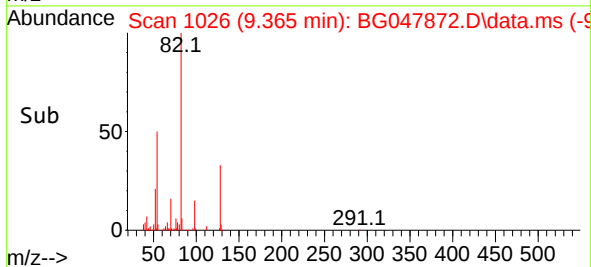
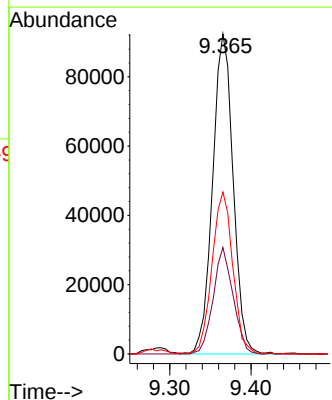
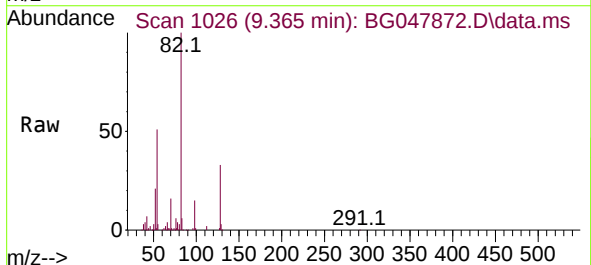
Instrument :
BNA_G
ClientSampleId :
R-LA-22-1-WC

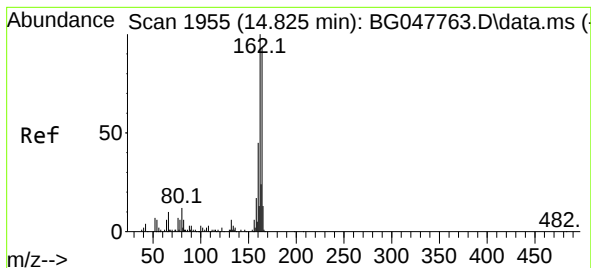
Tgt Ion:	136	Resp:	117857
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.1	13.7
54	6.5	6.2	9.4
68	2.8	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 50.61 ng
RT: 9.365 min Scan# 1026
Delta R.T. -0.007 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

Tgt Ion:	82	Resp:	162163
Ion Ratio	Lower	Upper	
82	100		
128	33.2	37.0	55.6#
54	50.6	39.0	58.4

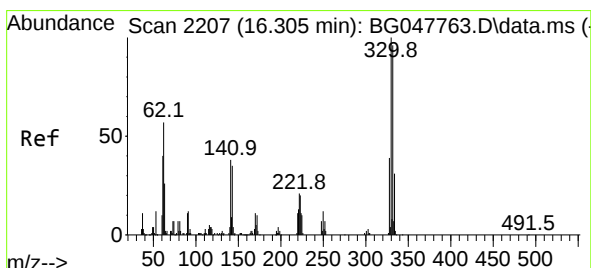
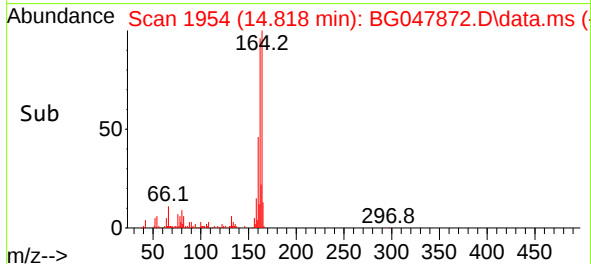
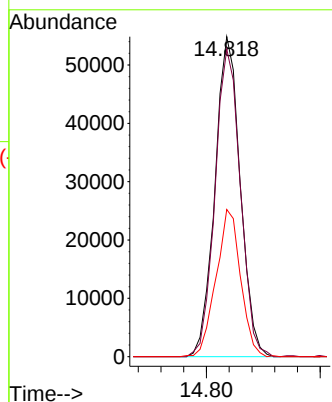
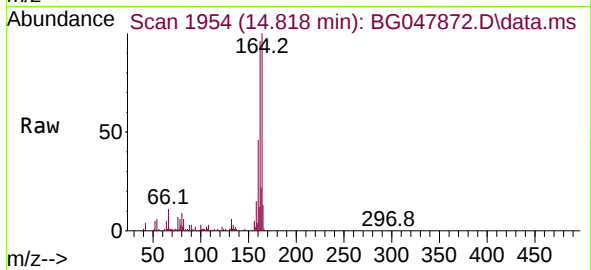




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.818 min Scan# 1954
Delta R.T. -0.007 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

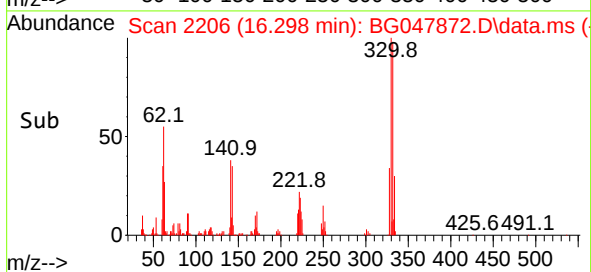
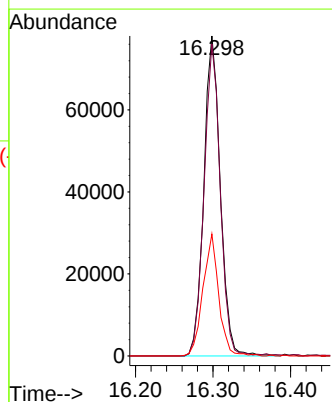
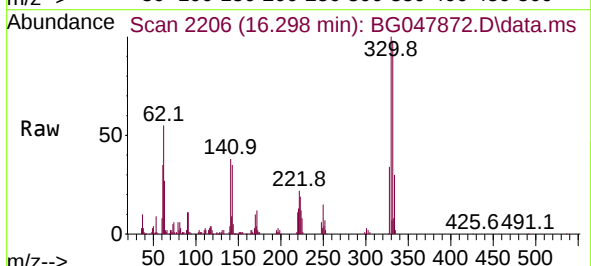
Instrument :
BNA_G
ClientSampleId :
R-LA-22-1-WC

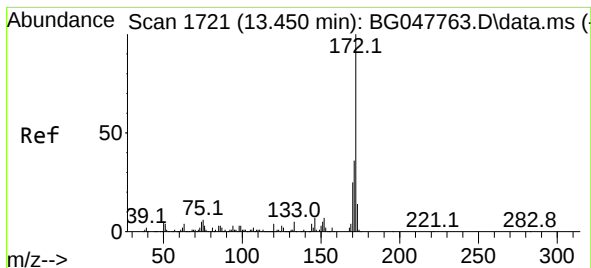
Tgt Ion:164 Resp: 84775
Ion Ratio Lower Upper
164 100
162 96.1 82.3 123.5
160 46.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 79.58 ng
RT: 16.298 min Scan# 2206
Delta R.T. -0.007 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

Tgt Ion:330 Resp: 115174
Ion Ratio Lower Upper
330 100
332 95.4 76.5 114.7
141 36.5 26.0 39.0

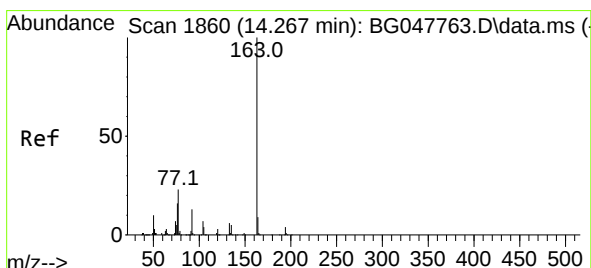
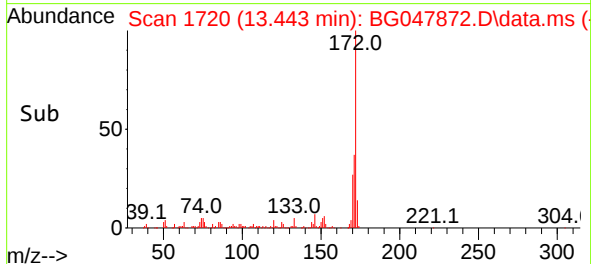
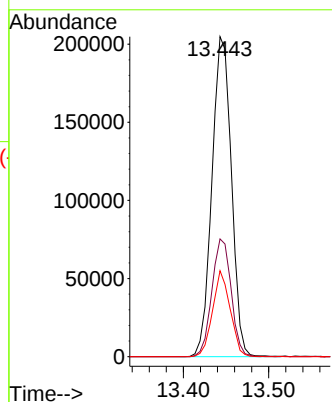
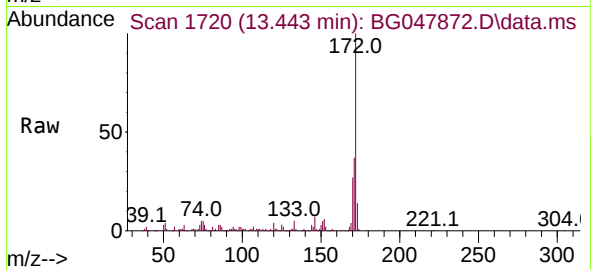




#45
2-Fluorobiphenyl
Concen: 49.53 ng
RT: 13.443 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

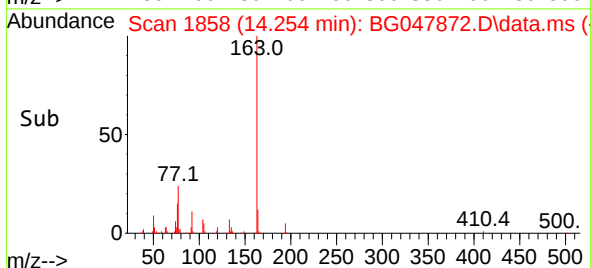
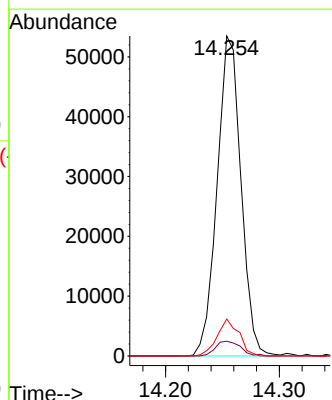
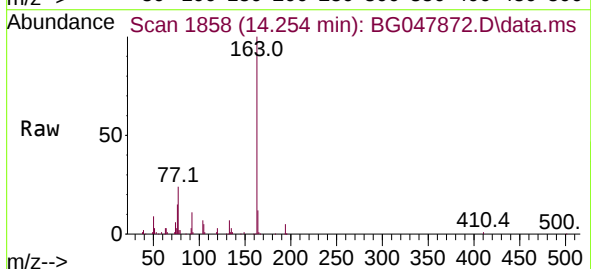
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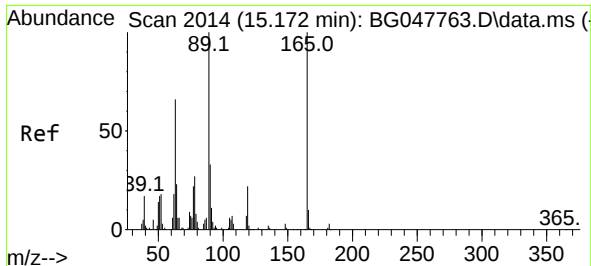
Tgt Ion:172 Resp: 324464
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 26.9 20.8 31.2



#50
Dimethylphthalate
Concen: 10.68 ng
RT: 14.254 min Scan# 1858
Delta R.T. -0.013 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

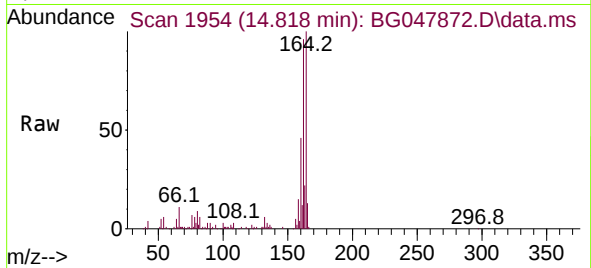
Tgt Ion:163 Resp: 78019
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.8
164 11.6 8.8 13.2



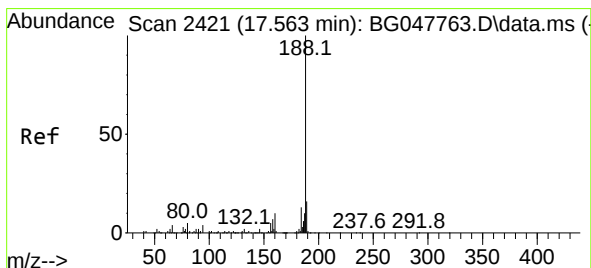
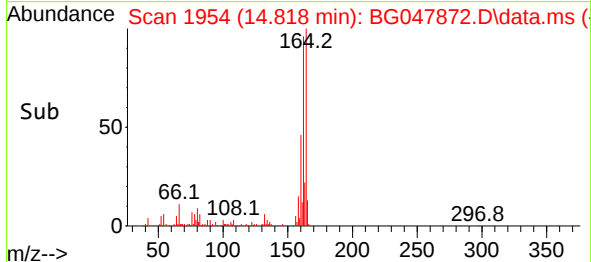
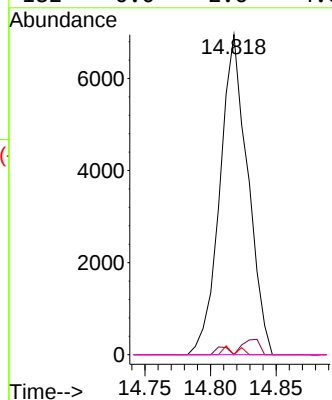


#57
2,4-Dinitrotoluene
Concen: 4.64 ng
RT: 14.818 min Scan# 1954
Delta R.T. -0.354 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

Instrument :
BNA_G
ClientSampleId :
R-LA-22-1-WC

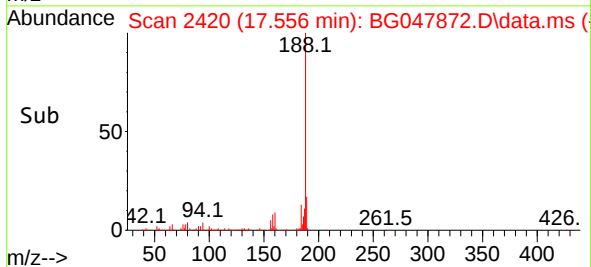
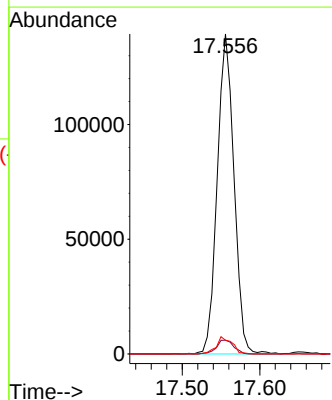
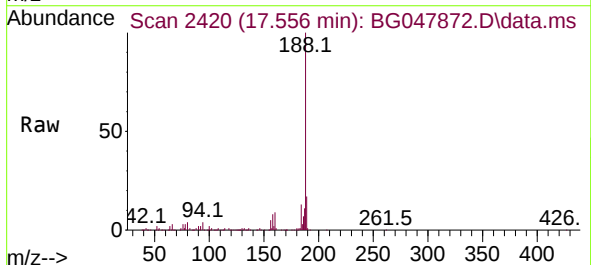


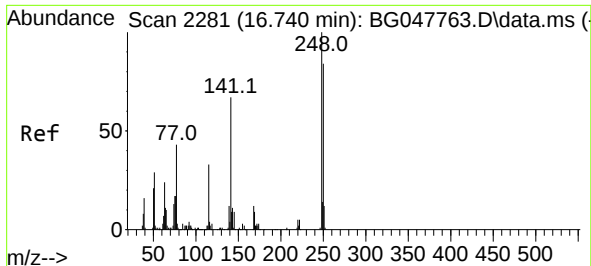
Tgt Ion:165 Resp: 10251
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.556 min Scan# 2420
Delta R.T. -0.007 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

Tgt Ion:188 Resp: 209576
Ion Ratio Lower Upper
188 100
94 4.3 6.3 9.5#
80 4.3 7.0 10.6#

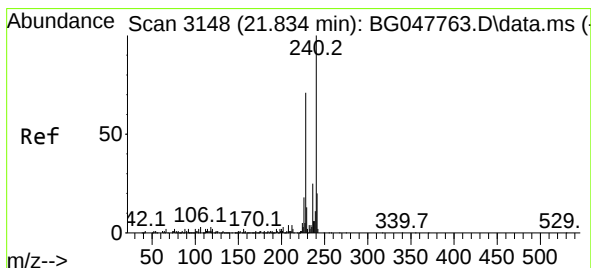
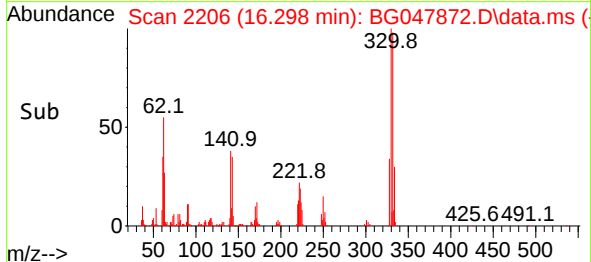
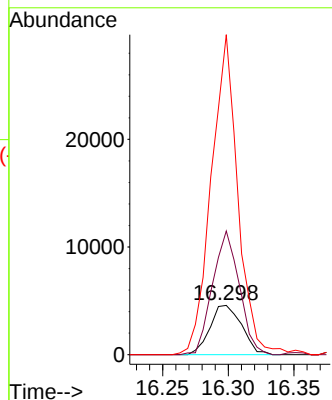
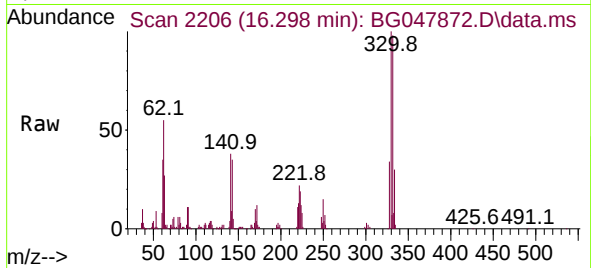




#67
4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 16.298 min Scan# 2206
Delta R.T. -0.442 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

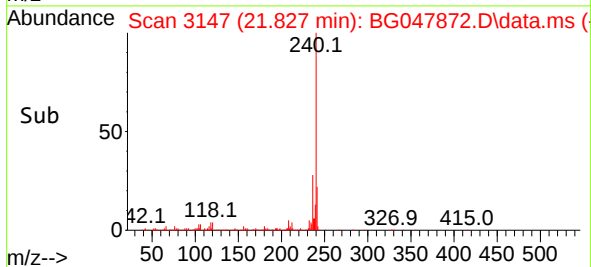
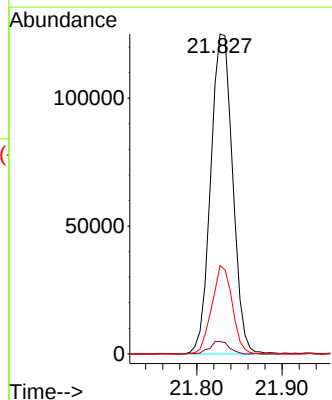
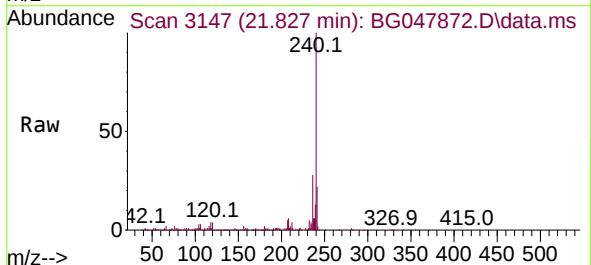
Instrument :
BNA_G
ClientSampleId :
R-LA-22-1-WC

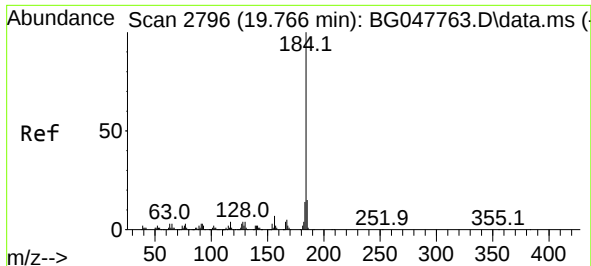
Tgt Ion:248 Resp: 7706
Ion Ratio Lower Upper
248 100
250 250.7 78.9 118.3#
141 648.9 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.827 min Scan# 3147
Delta R.T. -0.007 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

Tgt Ion:240 Resp: 223736
Ion Ratio Lower Upper
240 100
120 3.9 6.2 9.4#
236 27.6 20.5 30.7

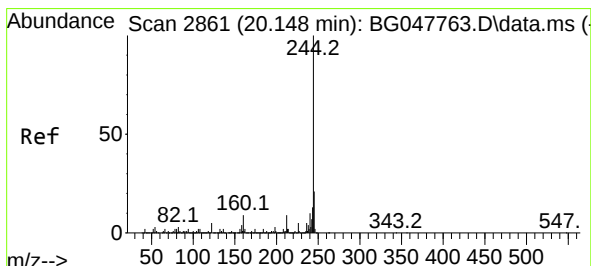
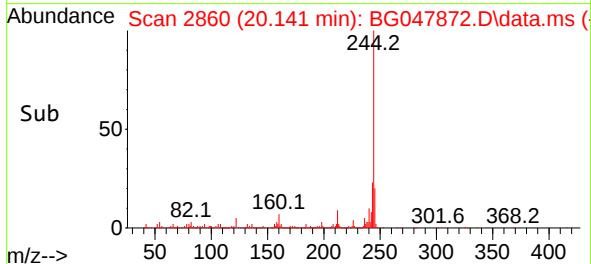
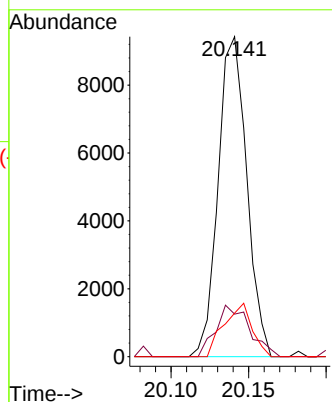
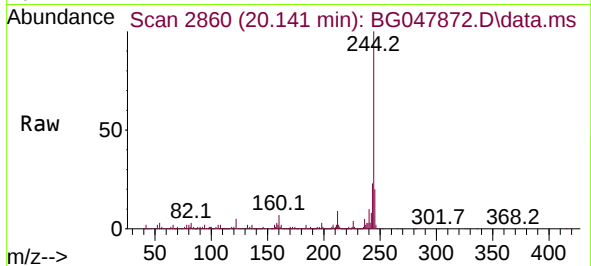




#77
Benzidine
Concen: 2.01 ng
RT: 20.141 min Scan# 2860
Delta R.T. 0.375 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

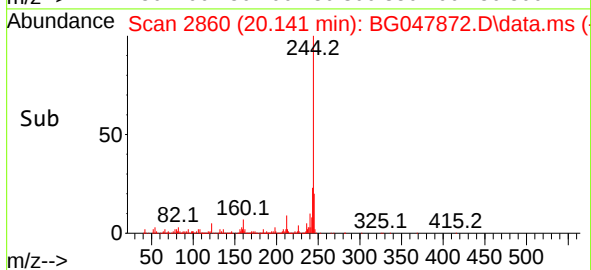
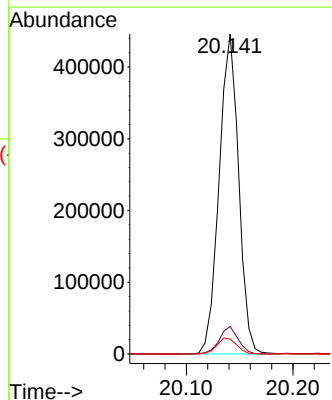
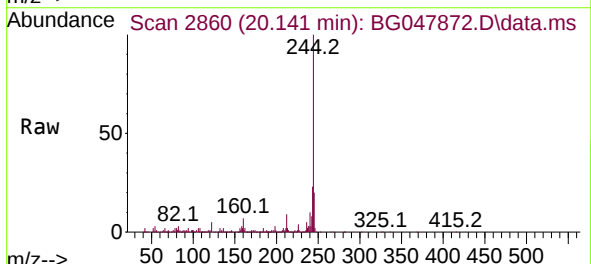
Instrument :
BNA_G
ClientSampleId :
R-LA-22-1-WC

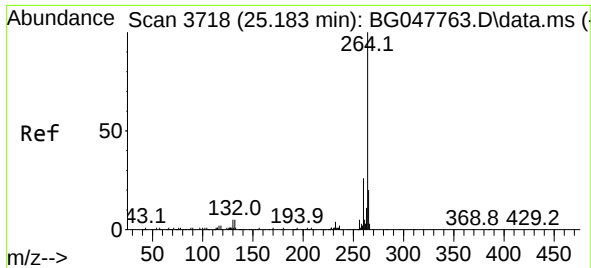
Tgt Ion:184	Resp:	12067
Ion Ratio	Lower	Upper
184	100	
185	13.3	12.4 18.6
183	13.6	10.6 15.8



#79
Terphenyl-d14
Concen: 41.69 ng
RT: 20.141 min Scan# 2860
Delta R.T. -0.007 min
Lab File: BG047872.D
Acq: 5 Jan 2021 18:16

Tgt Ion:244	Resp:	566089
Ion Ratio	Lower	Upper
244	100	
212	8.6	6.7 10.1
122	4.6	7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.170 min Scan# 3716
 Delta R.T. -0.013 min
 Lab File: BG047872.D
 Acq: 5 Jan 2021 18:16

Instrument :
 BNA_G
 ClientSampleId :
 R-LA-22-1-WC

Tgt Ion:	264	Resp:	232468
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.8	28.2
265	22.1	17.8	26.8

