

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048027.D
 Acq On : 27 Jan 2021 11:44
 Operator : CG/JU
 Sample : PB134351BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134351BL

Quant Time: Jan 27 12:21:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

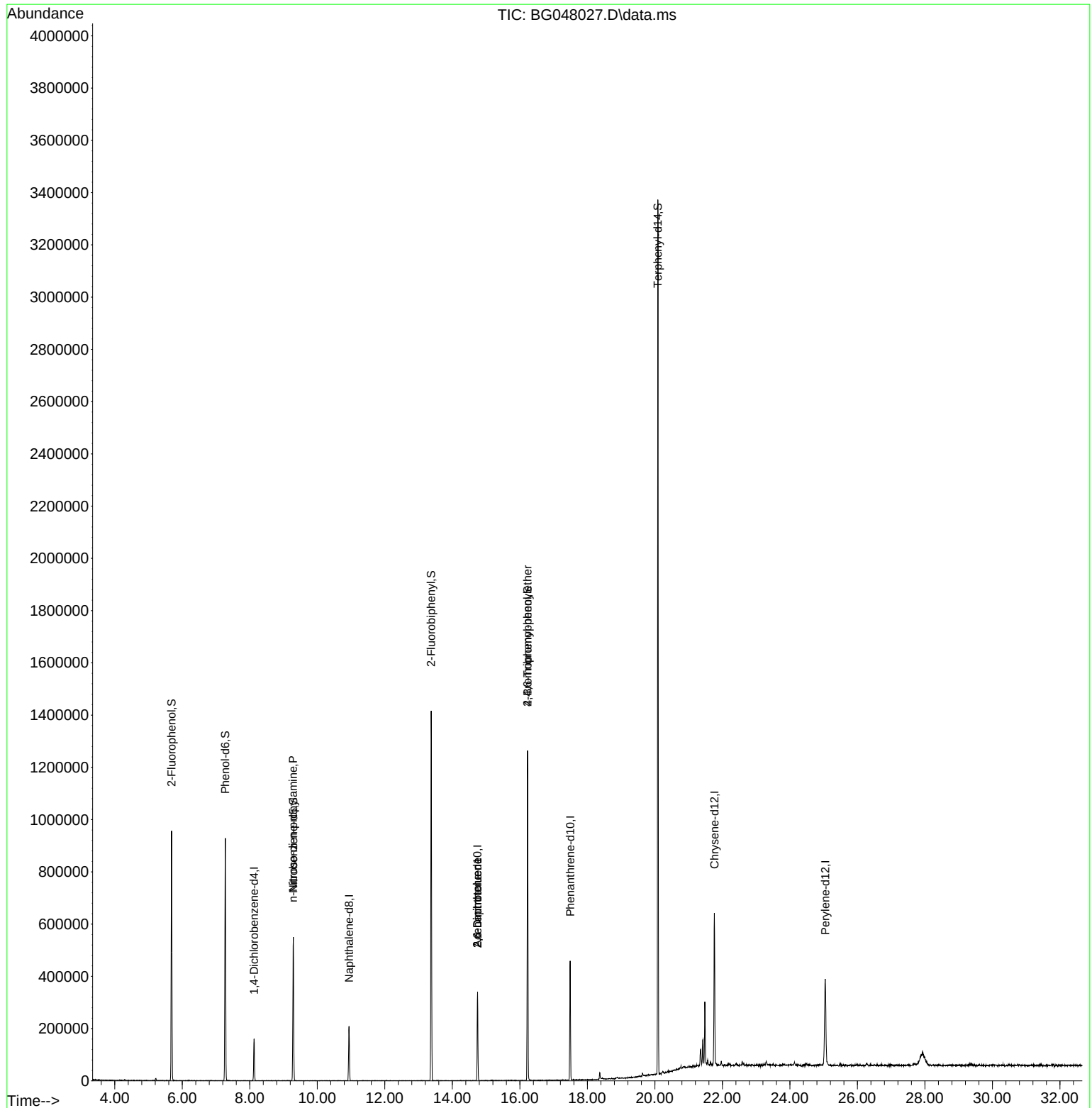
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.126	152	44398	20.00	ng	0.00
21) Naphthalene-d8	10.941	136	166067	20.00	ng	0.00
39) Acenaphthene-d10	14.748	164	115384	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	295268	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	371212	20.00	ng	#-0.01
86) Perylene-d12	25.048	264	357294	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	375483	129.97	ng	0.00
7) Phenol-d6	7.274	99	501552	114.19	ng	0.00
23) Nitrobenzene-d5	9.290	82	335105	79.84	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	239858	124.81	ng	-0.01
45) 2-Fluorobiphenyl	13.373	172	739192	82.83	ng	-0.01
79) Terphenyl-d14	20.089	244	1464492	68.40	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.284	70	48069	14.99	ng	# 73
51) 2,6-Dinitrotoluene	14.748	165	14594	6.72	ng	# 34
57) 2,4-Dinitrotoluene	14.748	165	14594	4.65	ng	# 32
67) 4-Bromophenyl-phenylether	16.229	248	16875	4.28	ng	# 1

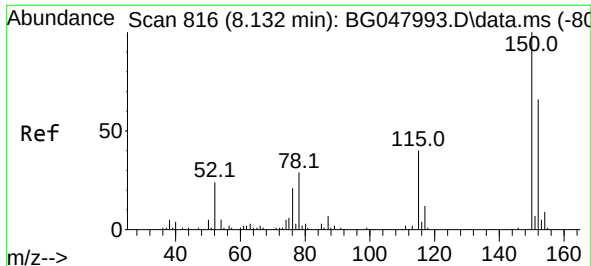
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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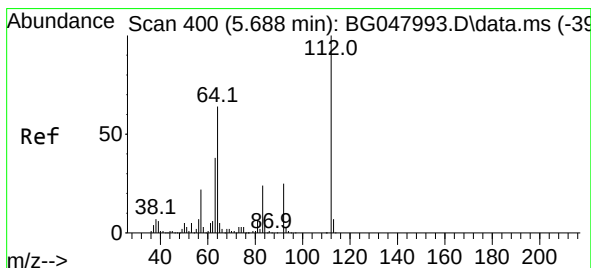
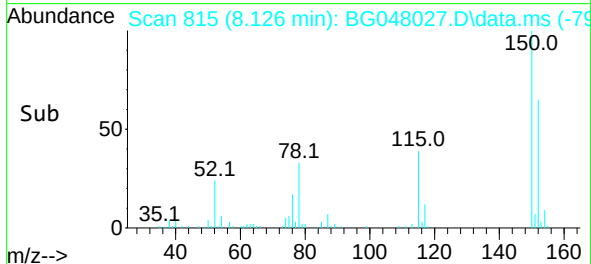
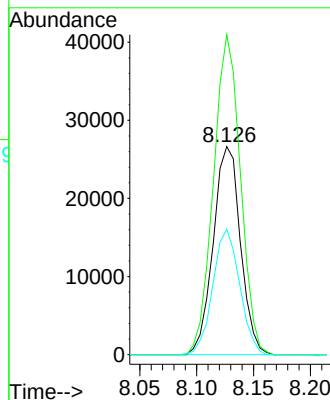
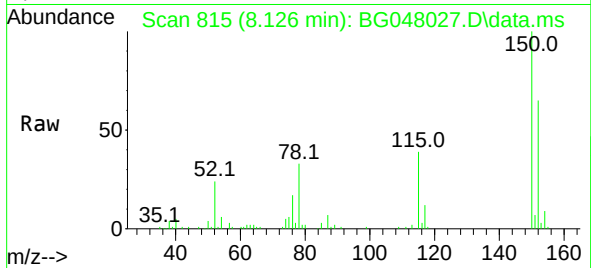




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.126 min Scan# 815
Delta R.T. -0.006 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

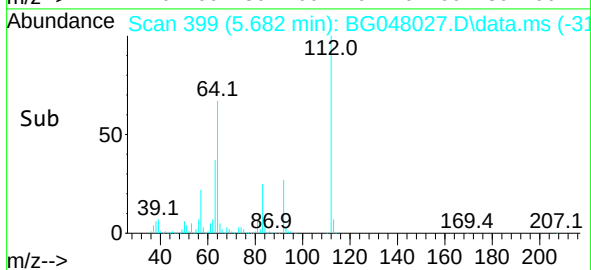
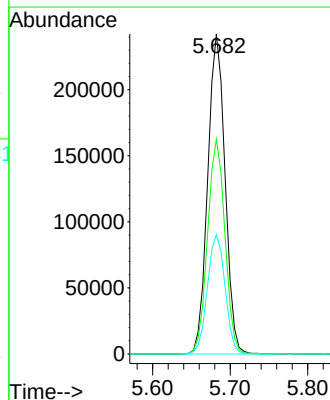
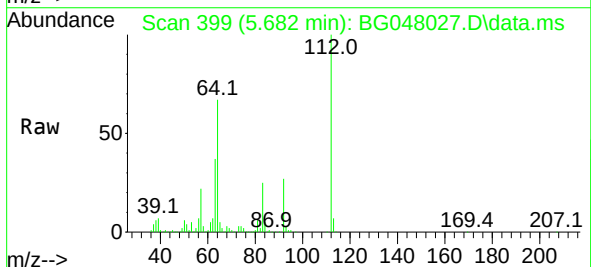
Instrument :
BNA_G
ClientSampleId :
PB134351BL

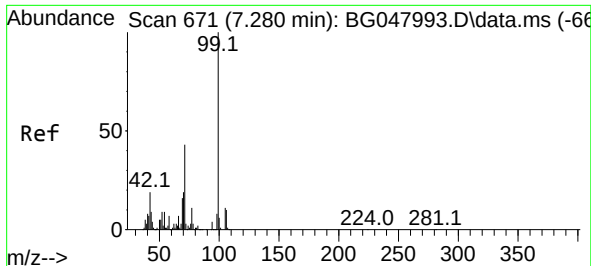
Tgt Ion:152 Resp: 44398
Ion Ratio Lower Upper
152 100
150 153.8 125.0 187.6
115 60.3 41.8 62.6



#5
2-Fluorophenol
Concen: 129.97 ng
RT: 5.682 min Scan# 399
Delta R.T. -0.006 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

Tgt Ion:112 Resp: 375483
Ion Ratio Lower Upper
112 100
64 67.1 46.7 70.1
63 37.3 22.8 34.2#

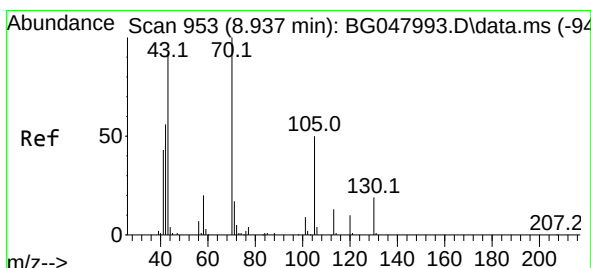
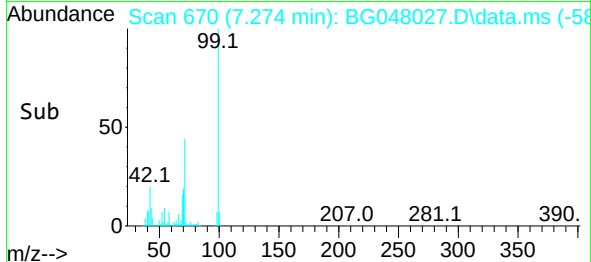
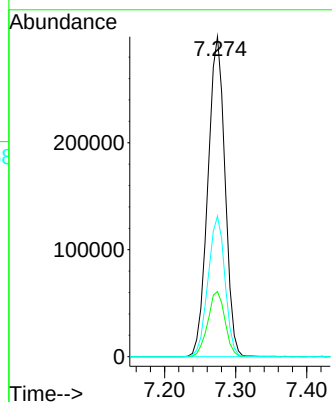
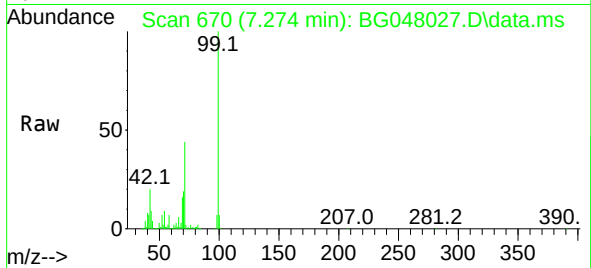




#7
Phenol-d6
Concen: 114.19 ng
RT: 7.274 min Scan# 670
Delta R.T. -0.006 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

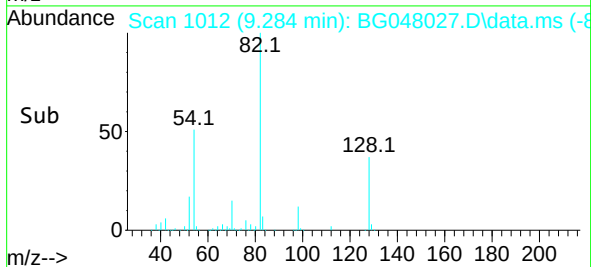
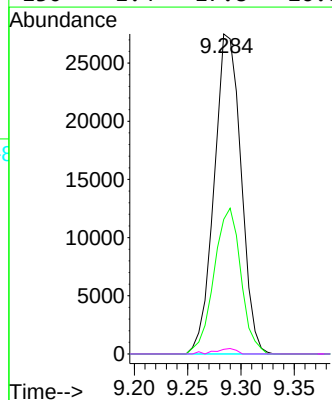
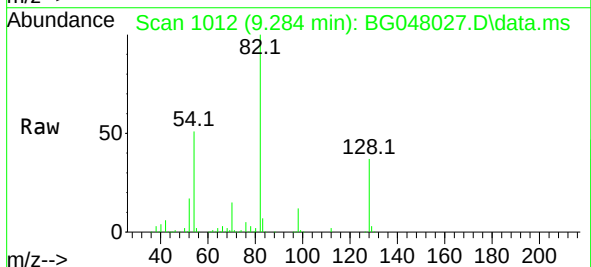
Instrument :
BNA_G
ClientSampleId :
PB134351BL

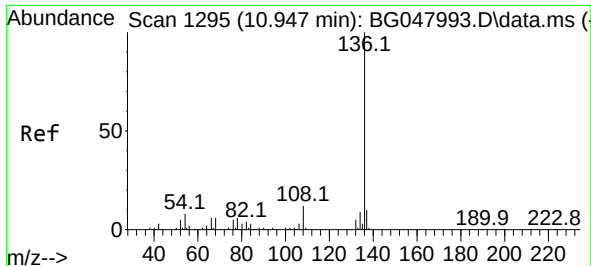
Tgt Ion: 99 Resp: 501552
Ion Ratio Lower Upper
99 100
42 20.4 12.8 19.2#
71 43.9 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.99 ng
RT: 9.284 min Scan# 1012
Delta R.T. 0.346 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

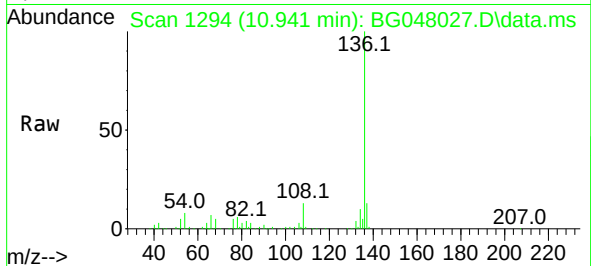
Tgt Ion: 70 Resp: 48069
Ion Ratio Lower Upper
70 100
42 42.1 45.6 68.4#
101 0.0 8.4 12.6#
130 1.4 17.8 26.8#



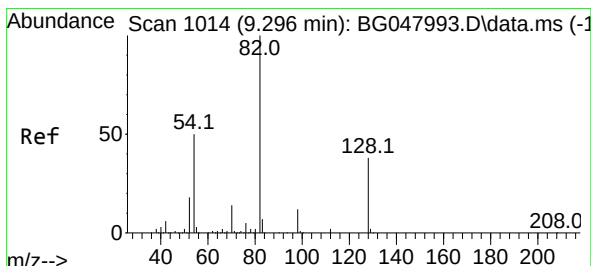
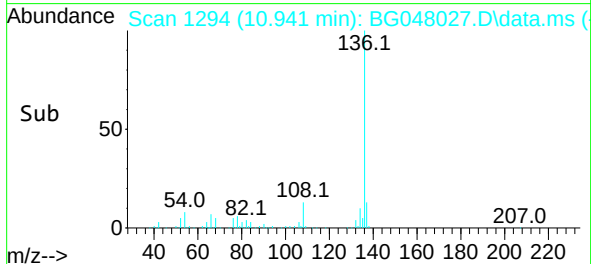
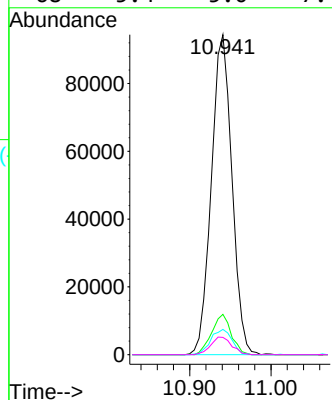


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.941 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

Instrument :
BNA_G
ClientSampleId :
PB134351BL

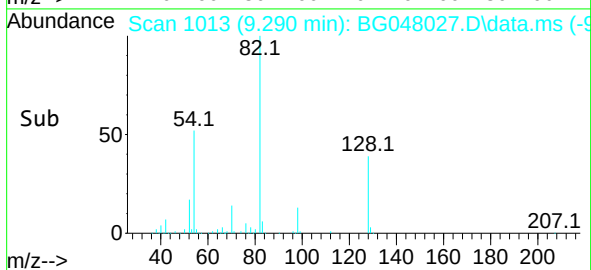
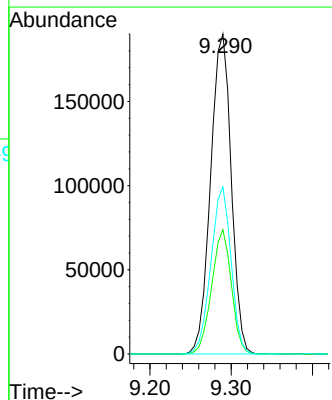
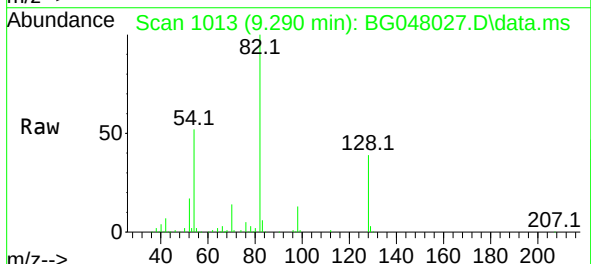


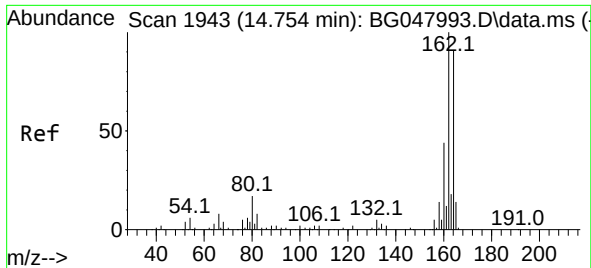
Tgt Ion:	136	Resp:	166067
Ion Ratio	Lower	Upper	
136	100		
137	12.6	9.1	13.7
54	7.9	6.2	9.4
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 79.84 ng
RT: 9.290 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

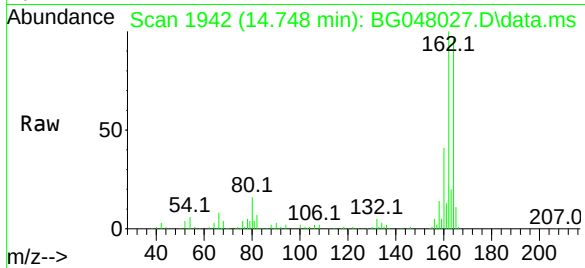
Tgt Ion:	82	Resp:	335105
Ion Ratio	Lower	Upper	
82	100		
128	38.8	37.0	55.6
54	52.2	39.0	58.4



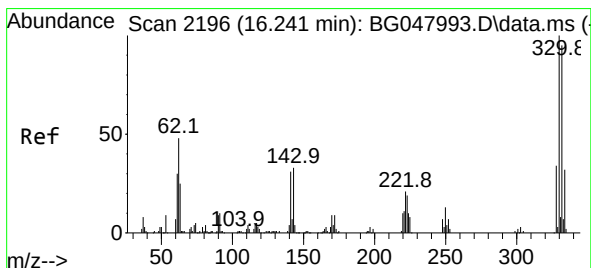
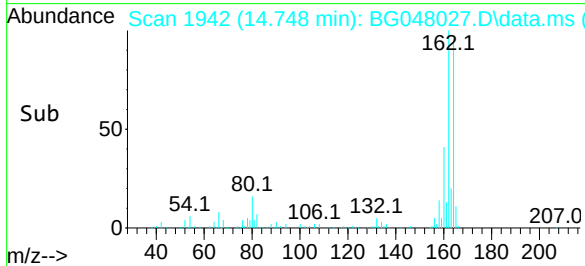
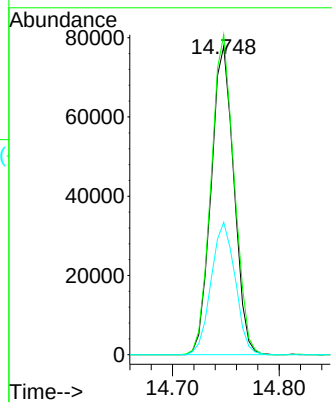


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

Instrument :
BNA_G
ClientSampleID :
PB134351BL

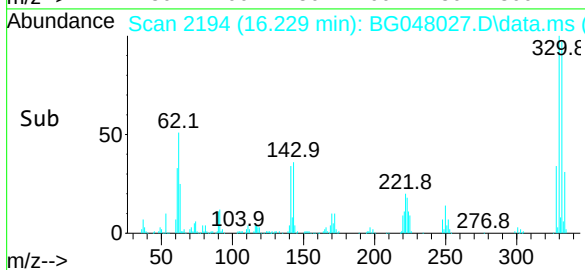
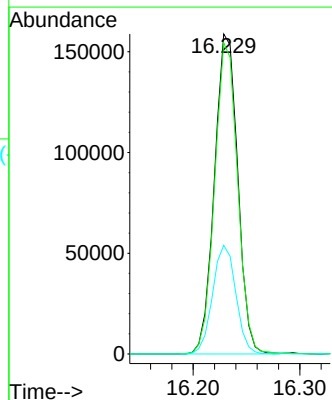
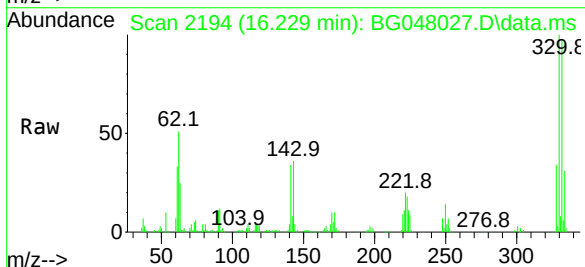


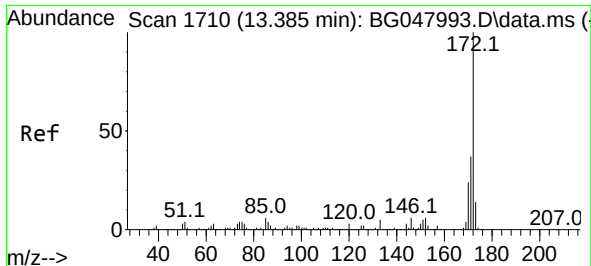
Tgt Ion:164 Resp: 115384
Ion Ratio Lower Upper
164 100
162 103.8 82.3 123.5
160 42.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 124.81 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

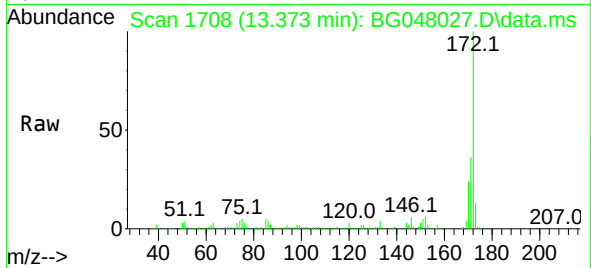
Tgt Ion:330 Resp: 239858
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 33.9 26.0 39.0



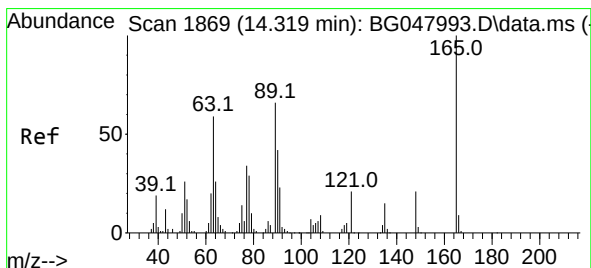
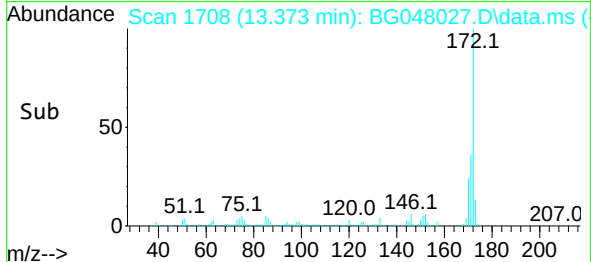
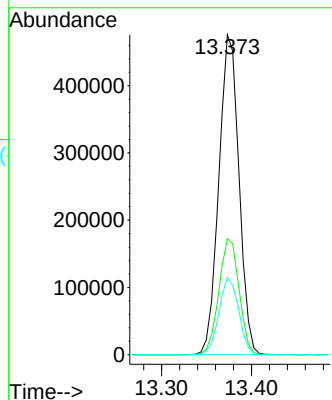


#45
2-Fluorobiphenyl
Concen: 82.83 ng
RT: 13.373 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

Instrument :
BNA_G
ClientSampleId :
PB134351BL

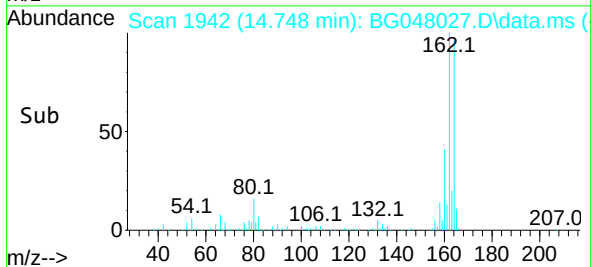
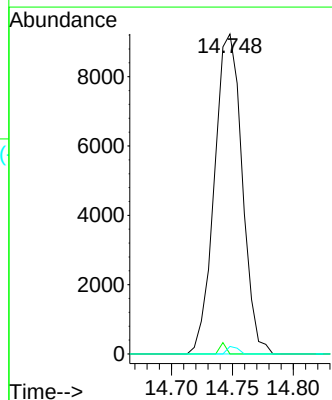
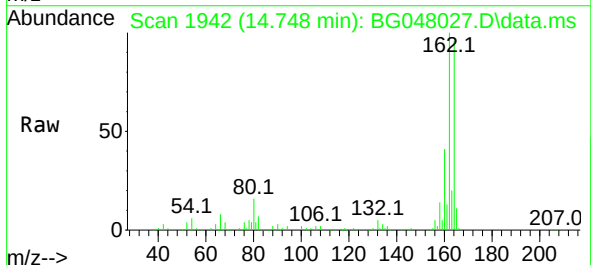


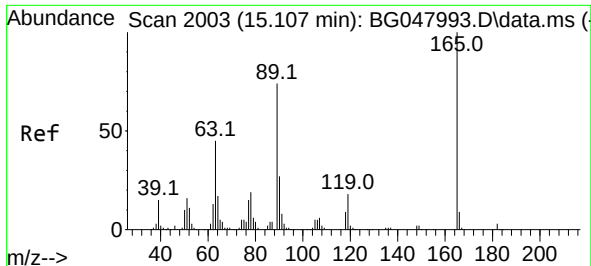
Tgt Ion:172 Resp: 739192
Ion Ratio Lower Upper
172 100
171 36.3 31.3 46.9
170 24.1 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.72 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.429 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

Tgt Ion:165 Resp: 14594
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.3 36.6 54.8#

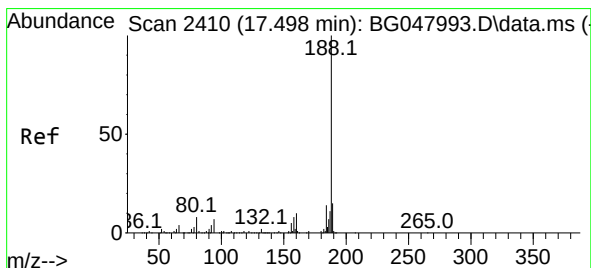
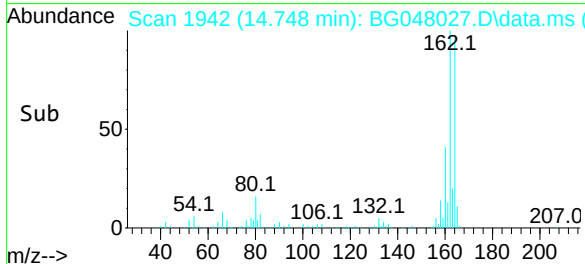
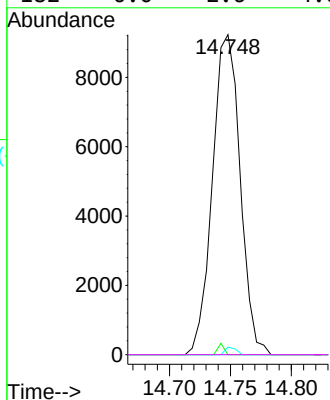
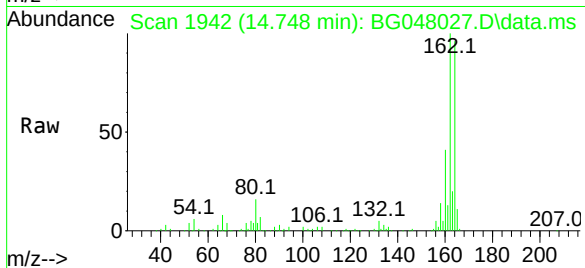




#57
2,4-Dinitrotoluene
Concen: 4.65 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.359 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

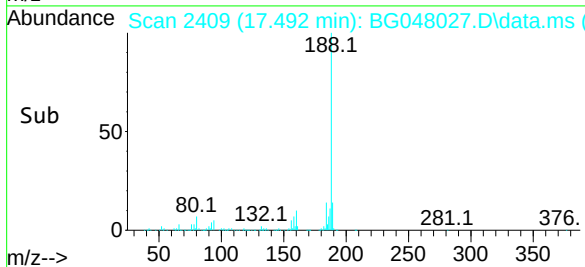
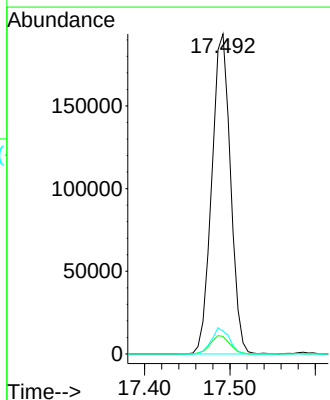
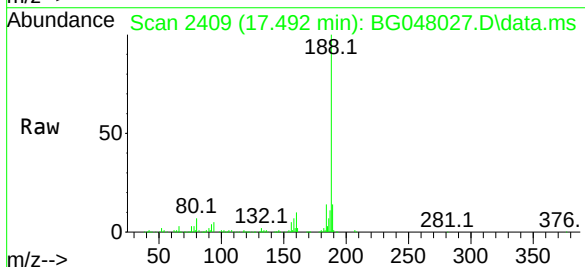
Instrument :
BNA_G
ClientSampleId :
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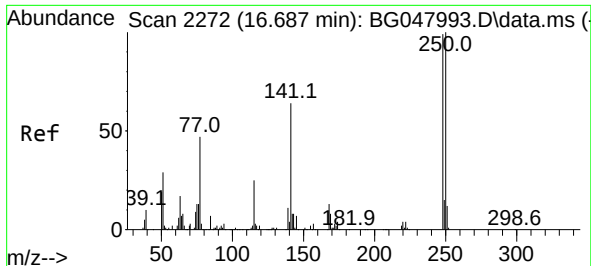
Tgt Ion:165 Resp: 14594
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.3 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

Tgt Ion:188 Resp: 295268
Ion Ratio Lower Upper
188 100
94 5.5 6.3 9.5#
80 7.1 7.0 10.6

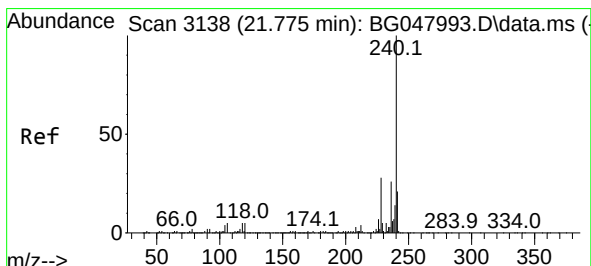
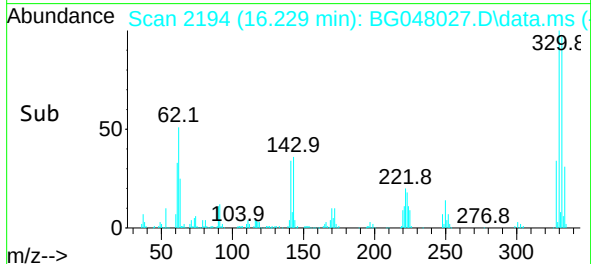
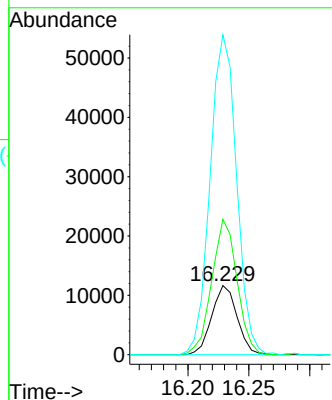
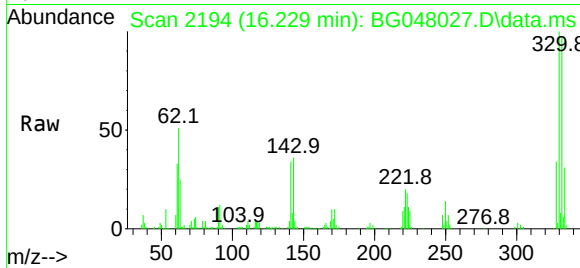




#67
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.458 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

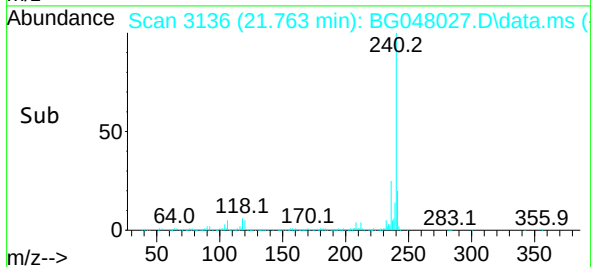
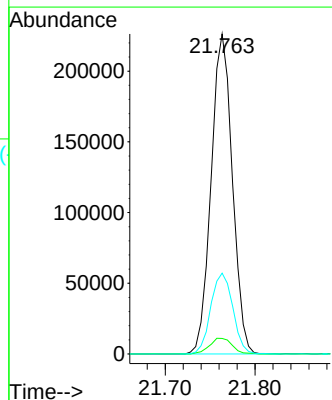
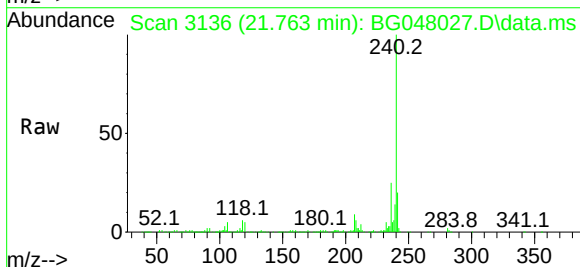
Instrument :
BNA_G
ClientSampled :
PB134351BL

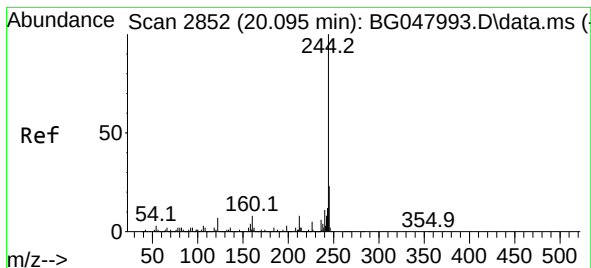
Tgt Ion:248 Resp: 16875
Ion Ratio Lower Upper
248 100
250 195.9 78.9 118.3#
141 463.3 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG048027.D
Acq: 27 Jan 2021 11:44

Tgt Ion:240 Resp: 371212
Ion Ratio Lower Upper
240 100
120 4.9 6.2 9.4#
236 25.2 20.5 30.7





#79

Terphenyl-d14

Concen: 68.40 ng

RT: 20.089 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BG048027.D

Acq: 27 Jan 2021 11:44

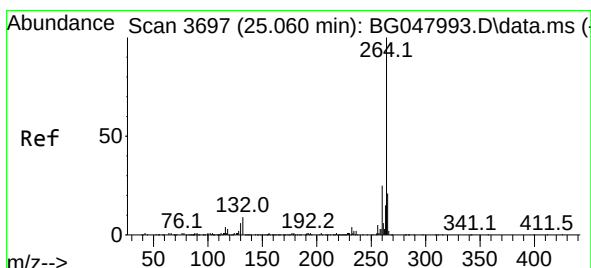
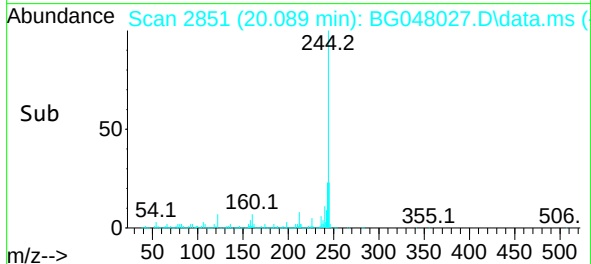
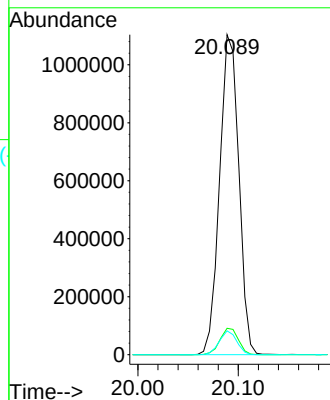
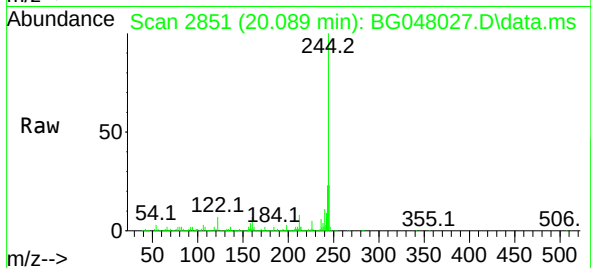
Tgt Ion:244 Resp: 1464492

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

122 7.5 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.048 min Scan# 3695

Delta R.T. -0.012 min

Lab File: BG048027.D

Acq: 27 Jan 2021 11:44

Tgt Ion:264 Resp: 357294

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 21.2 17.8 26.8

