

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
 Data File : BG048021.D
 Acq On : 27 Jan 2021 00:38
 Operator : CG/JU
 Sample : M1220-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-B

Quant Time: Jan 27 01:13:56 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)

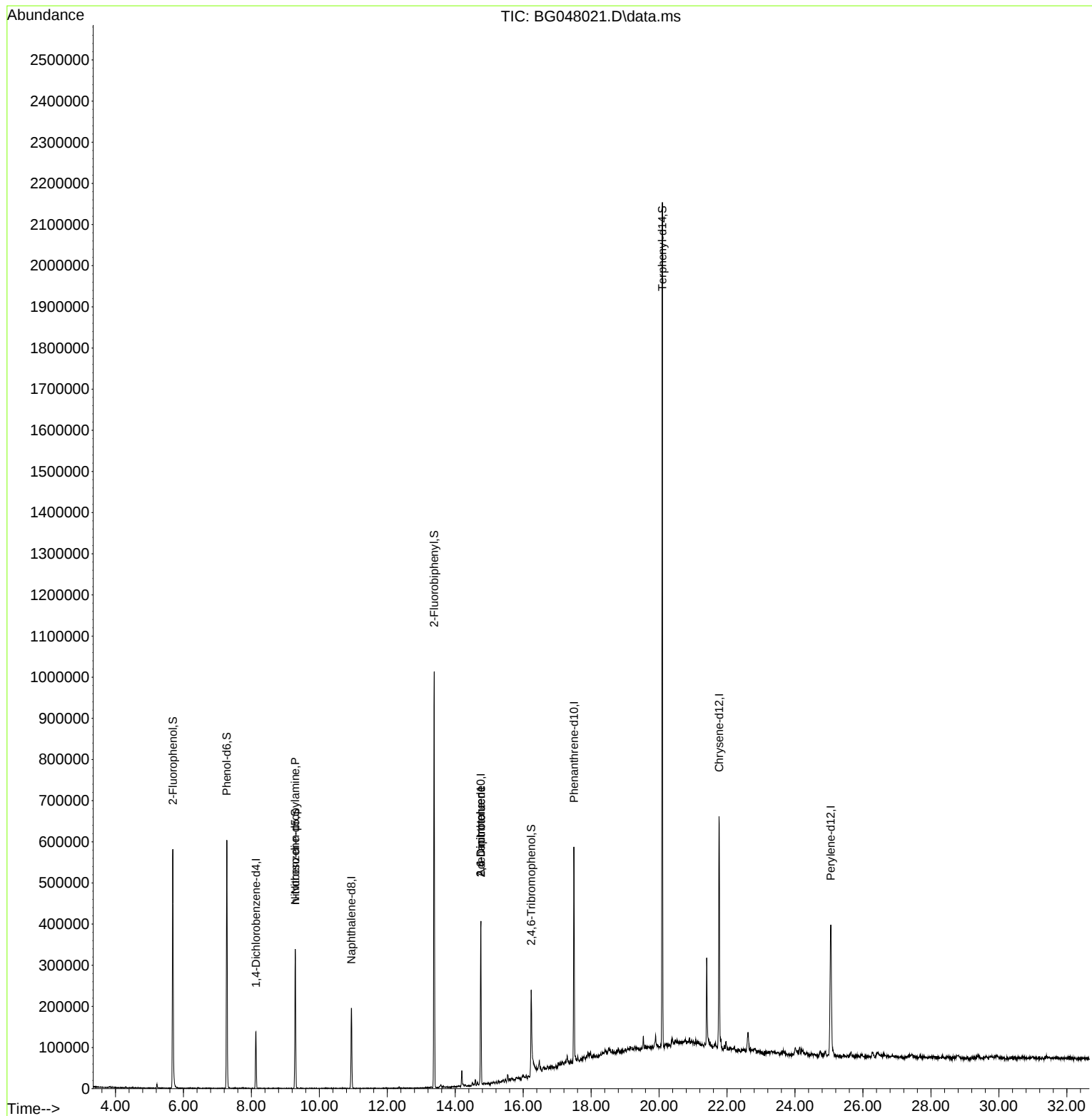
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.133	152	40377	20.00	ng	0.00
21) Naphthalene-d8	10.947	136	157588	20.00	ng	0.00
39) Acenaphthene-d10	14.754	164	134391	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	333212	20.00	ng	# 0.00
76) Chrysene-d12	21.764	240	352004	20.00	ng	#-0.01
86) Perylene-d12	25.054	264	357987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	259952	98.94	ng	0.00
7) Phenol-d6	7.275	99	330862	82.83	ng	0.00
23) Nitrobenzene-d5	9.290	82	209182	52.52	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	59561	26.61	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	526452	50.65	ng	0.00
79) Terphenyl-d14	20.095	244	914339	45.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.290	70	29385	10.08	ng	# 78
51) 2,6-Dinitrotoluene	14.754	165	18159	7.18	ng	# 33
57) 2,4-Dinitrotoluene	14.754	165	18159	4.97	ng	# 31

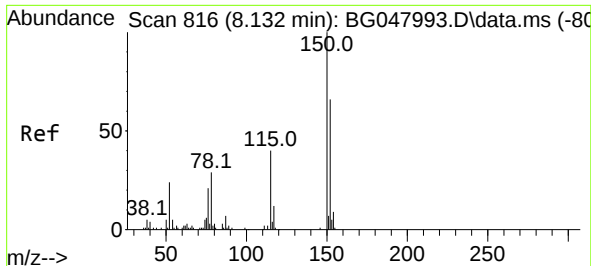
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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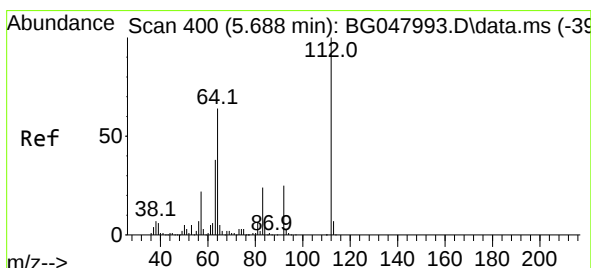
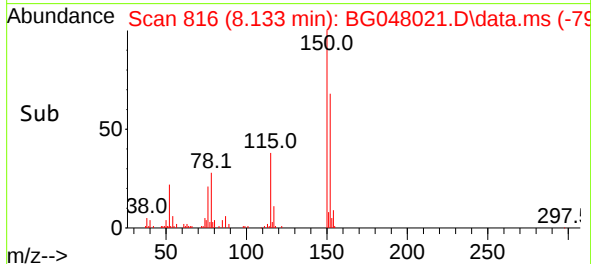
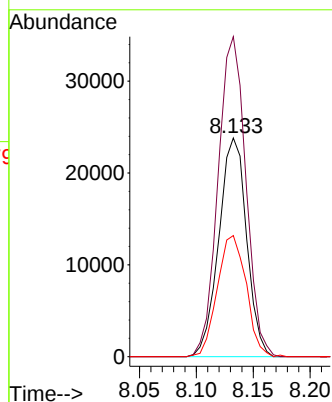
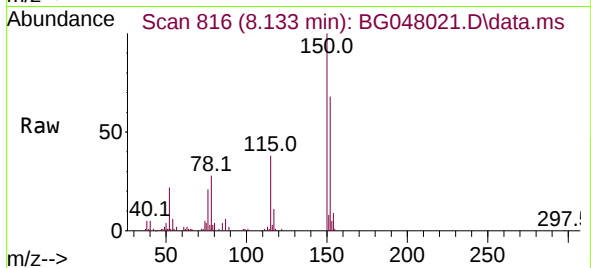




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.133 min Scan# 816
Delta R.T. 0.001 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

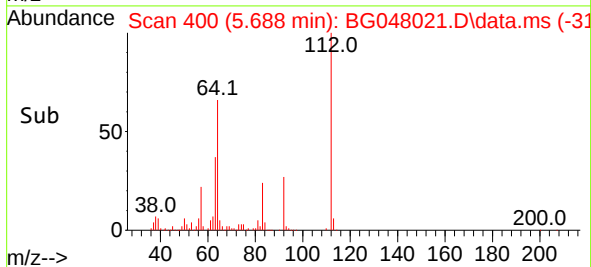
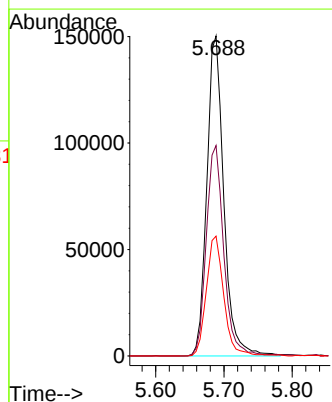
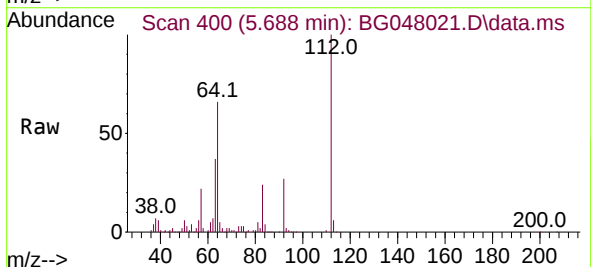
Instrument :
BNA_G
ClientSampleId :
SP1-B

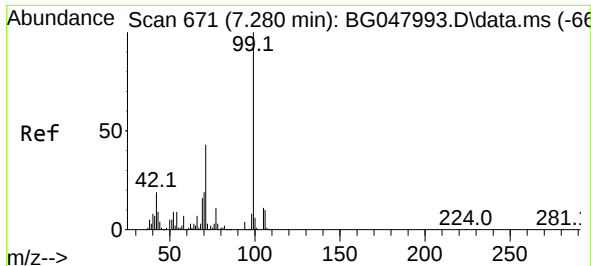
Tgt Ion:152 Resp: 40377
Ion Ratio Lower Upper
152 100
150 146.3 125.0 187.6
115 55.4 41.8 62.6



#5
2-Fluorophenol
Concen: 98.94 ng
RT: 5.688 min Scan# 400
Delta R.T. 0.000 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

Tgt Ion:112 Resp: 259952
Ion Ratio Lower Upper
112 100
64 65.8 46.7 70.1
63 37.4 22.8 34.2#

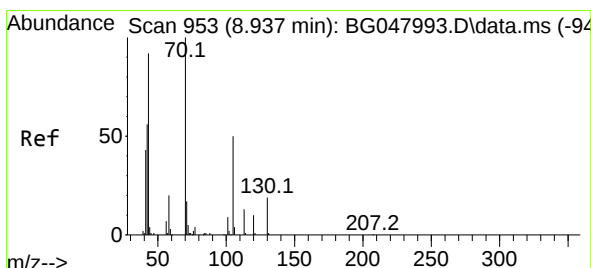
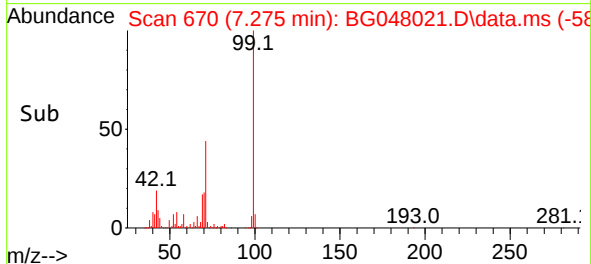
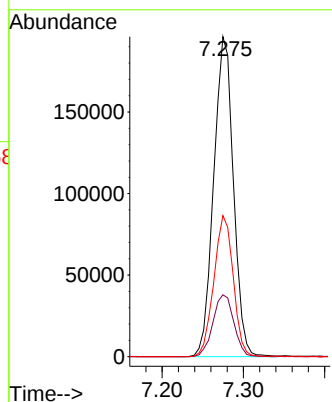
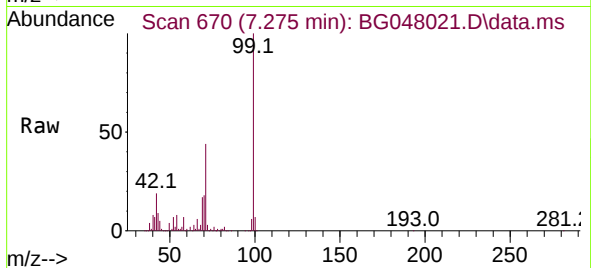




#7
Phenol-d6
Concen: 82.83 ng
RT: 7.275 min Scan# 670
Delta R.T. -0.006 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

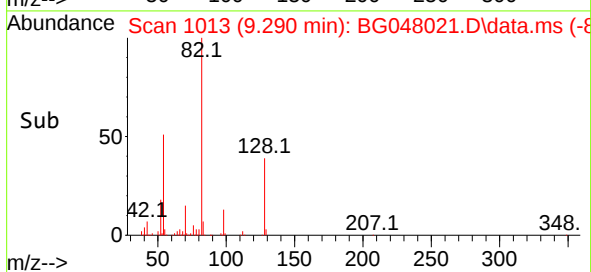
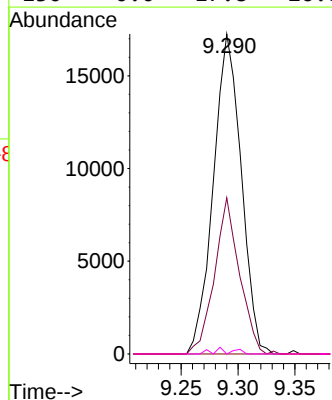
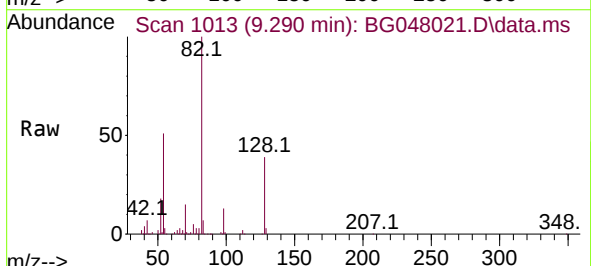
Instrument :
BNA_G
ClientSampleId :
SP1-B

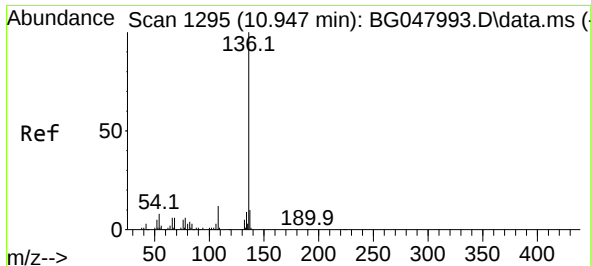
Tgt Ion: 99 Resp: 330862
Ion Ratio Lower Upper
99 100
42 19.3 12.8 19.2#
71 44.1 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 10.08 ng
RT: 9.290 min Scan# 1013
Delta R.T. 0.353 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

Tgt Ion: 70 Resp: 29385
Ion Ratio Lower Upper
70 100
42 48.8 45.6 68.4
101 0.0 8.4 12.6#
130 0.0 17.8 26.8#

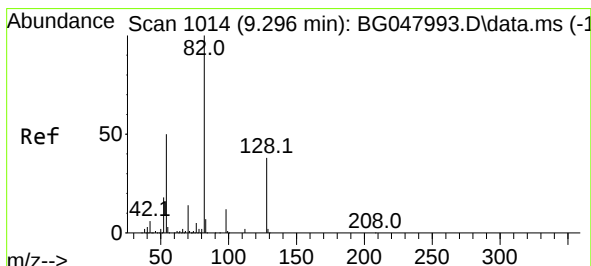
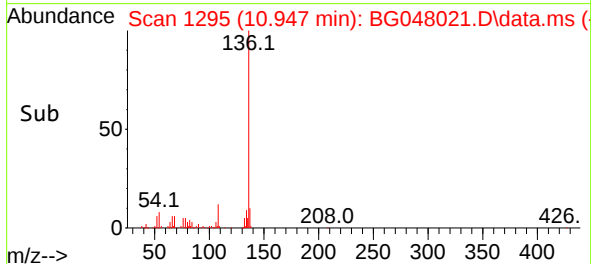
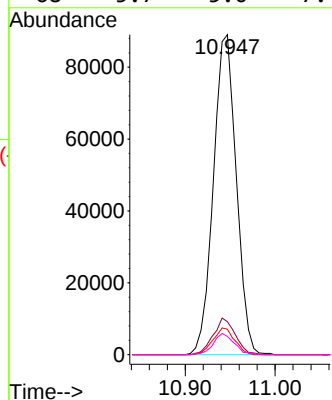
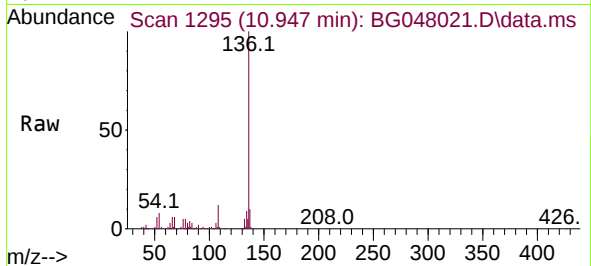




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.947 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

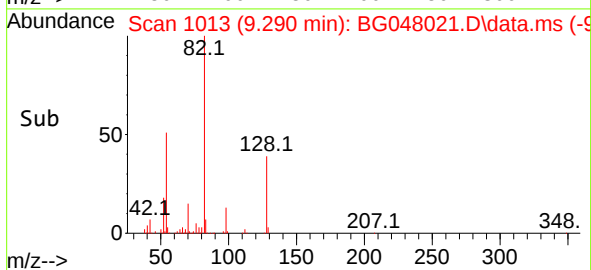
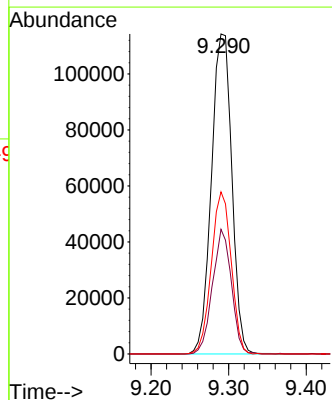
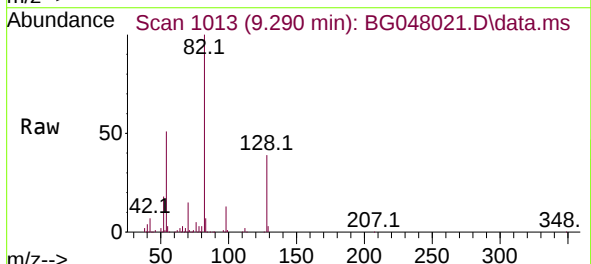
Instrument :
BNA_G
ClientSampleId :
SP1-B

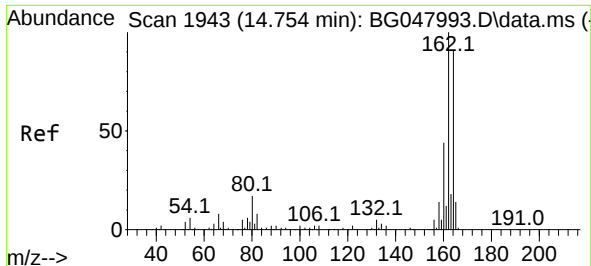
Tgt Ion:	136	Resp:	157588
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.1	13.7
54	8.0	6.2	9.4
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 52.52 ng
RT: 9.290 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

Tgt Ion:	82	Resp:	209182
Ion Ratio	Lower	Upper	
82	100		
128	38.9	37.0	55.6
54	50.6	39.0	58.4

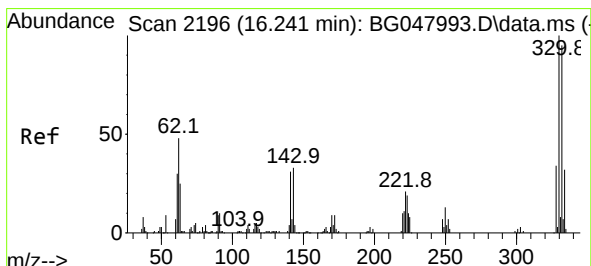
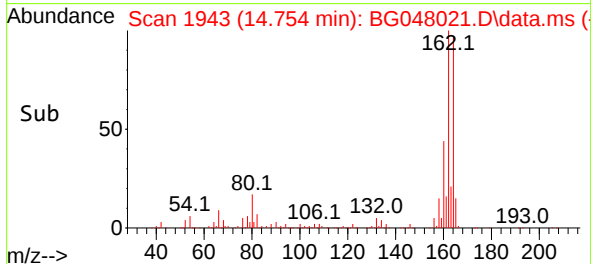
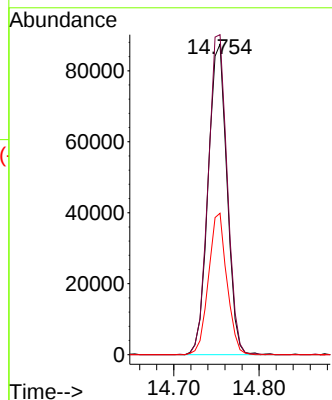
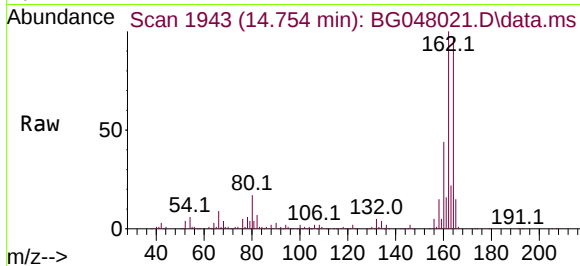




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.754 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

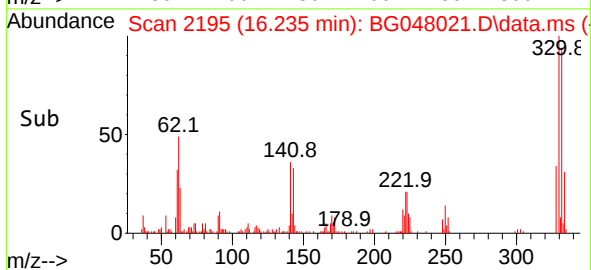
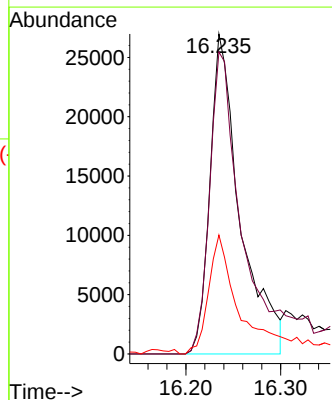
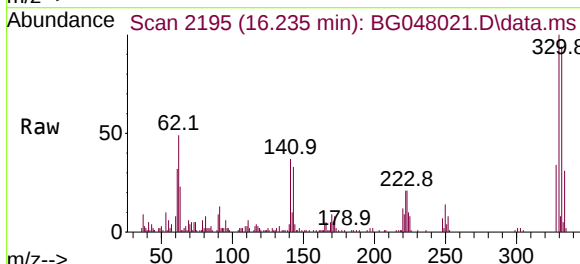
Instrument :
BNA_G
ClientSampleId :
SP1-B

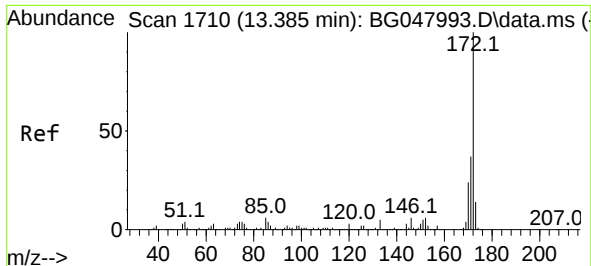
Tgt Ion:164 Resp: 134391
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 45.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 26.61 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

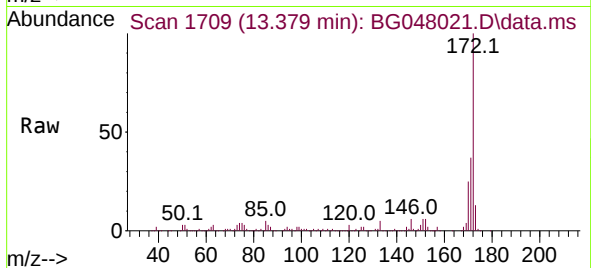
Tgt Ion:330 Resp: 59561
Ion Ratio Lower Upper
330 100
332 108.7 76.5 114.7
141 40.6 26.0 39.0#



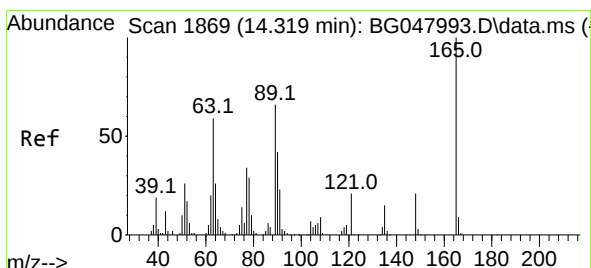
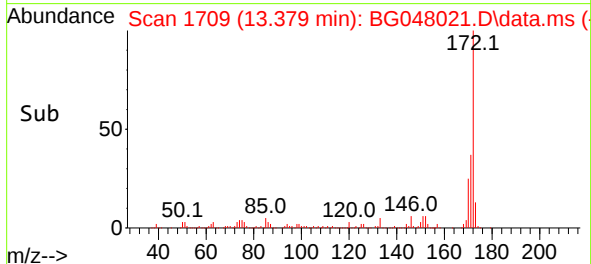
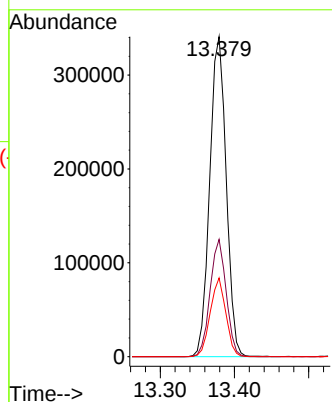


#45
2-Fluorobiphenyl
Concen: 50.65 ng
RT: 13.379 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

Instrument :
BNA_G
ClientSampleId :
SP1-B

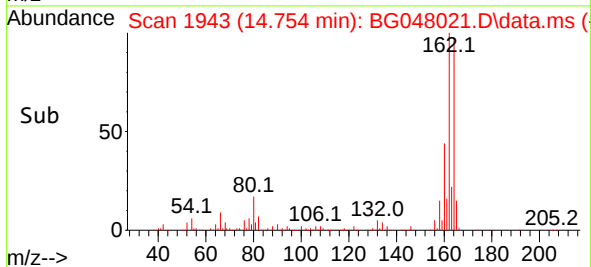
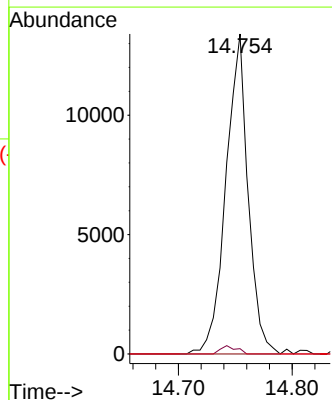
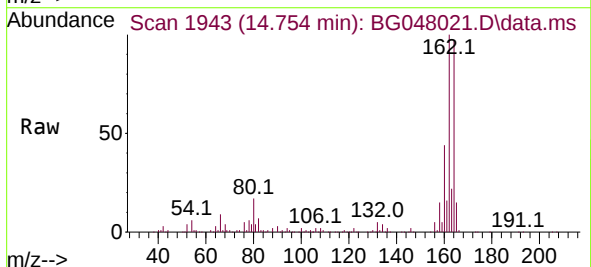


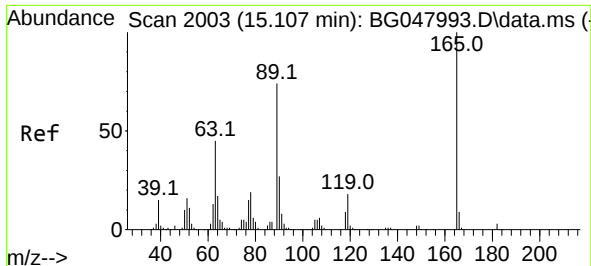
Tgt Ion:172 Resp: 526452
Ion Ratio Lower Upper
172 100
171 36.6 31.3 46.9
170 24.6 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.18 ng
RT: 14.754 min Scan# 1943
Delta R.T. 0.435 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

Tgt Ion:165 Resp: 18159
Ion Ratio Lower Upper
165 100
63 1.6 33.7 50.5#
89 0.0 36.6 54.8#

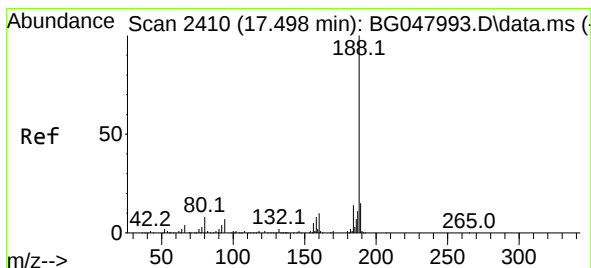
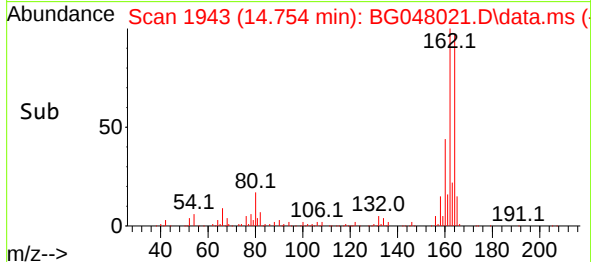
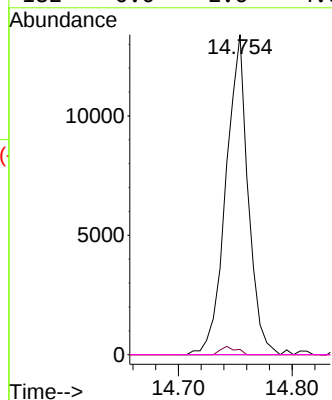
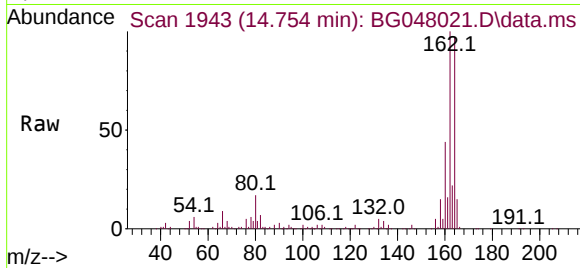




#57
2,4-Dinitrotoluene
Concen: 4.97 ng
RT: 14.754 min Scan# 1943
Delta R.T. -0.352 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

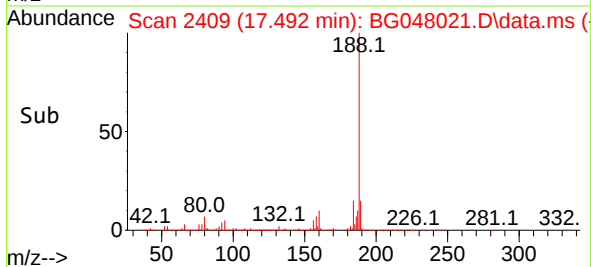
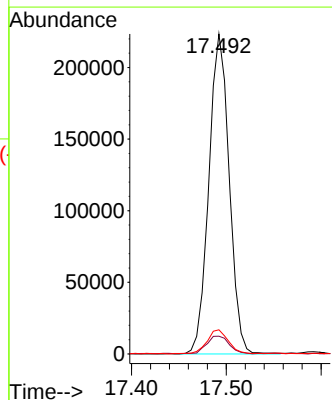
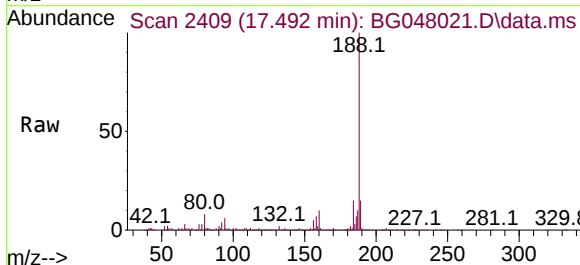
Instrument :
BNA_G
ClientSampled :
SP1-B

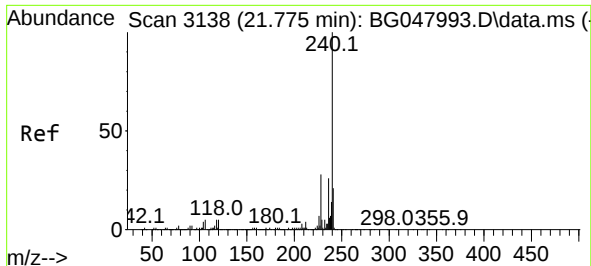
Tgt Ion:165 Resp: 18159
Ion Ratio Lower Upper
165 100
63 1.6 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

Tgt Ion:188 Resp: 333212
Ion Ratio Lower Upper
188 100
94 5.5 6.3 9.5#
80 7.5 7.0 10.6

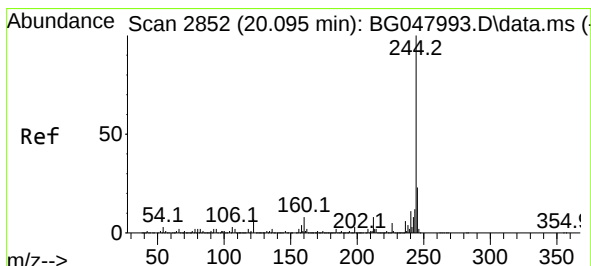
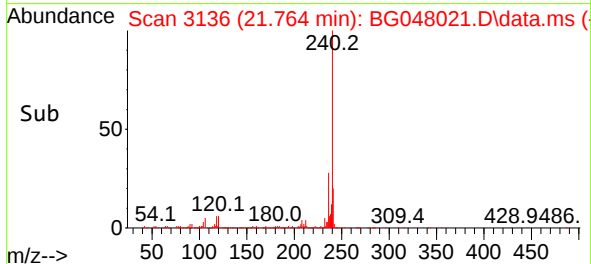
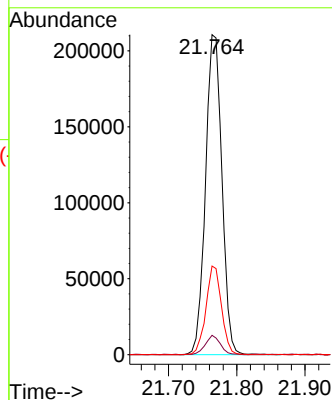
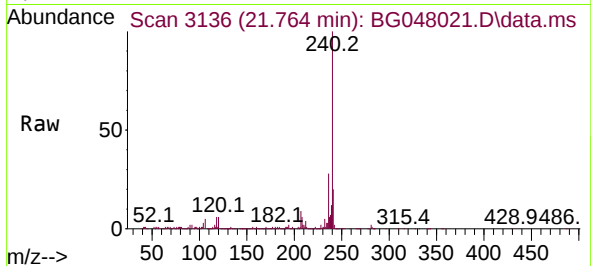




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.764 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

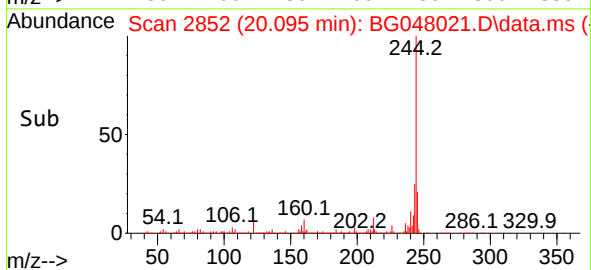
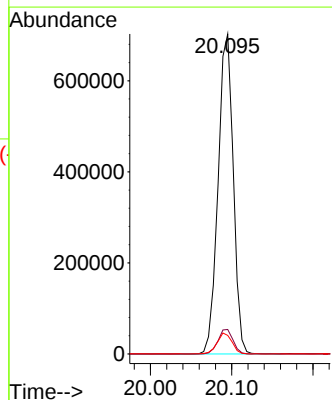
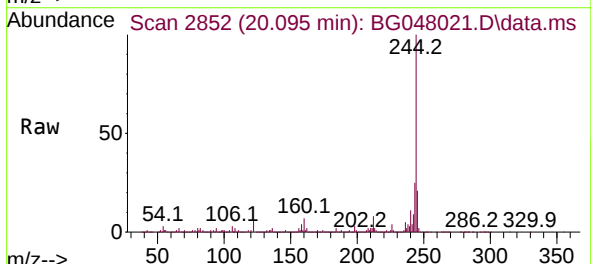
Instrument :
BNA_G
ClientSampleId :
SP1-B

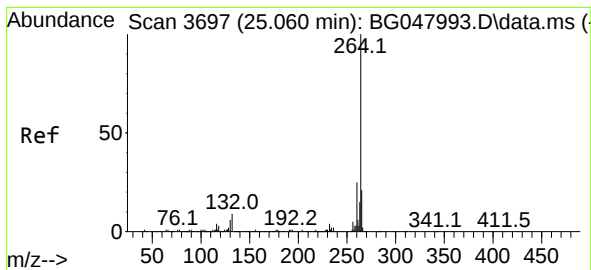
Tgt Ion:240 Resp: 352004
Ion Ratio Lower Upper
240 100
120 6.0 6.2 9.4#
236 27.7 20.5 30.7



#79
Terphenyl-d14
Concen: 45.04 ng
RT: 20.095 min Scan# 2852
Delta R.T. 0.000 min
Lab File: BG048021.D
Acq: 27 Jan 2021 00:38

Tgt Ion:244 Resp: 914339
Ion Ratio Lower Upper
244 100
212 7.7 6.7 10.1
122 5.8 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.054 min Scan# 3696
 Delta R.T. -0.006 min
 Lab File: BG048021.D
 Acq: 27 Jan 2021 00:38

Instrument :
 BNA_G
 ClientSampleId :
 SP1-B

Tgt Ion:264 Resp: 357987
 Ion Ratio Lower Upper
 264 100
 260 25.5 18.8 28.2
 265 21.2 17.8 26.8

