

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048040.D
 Acq On : 27 Jan 2021 22:58
 Operator : CG/JU
 Sample : M1226-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0046-051-COMP-H

Quant Time: Jan 28 03:57:12 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)

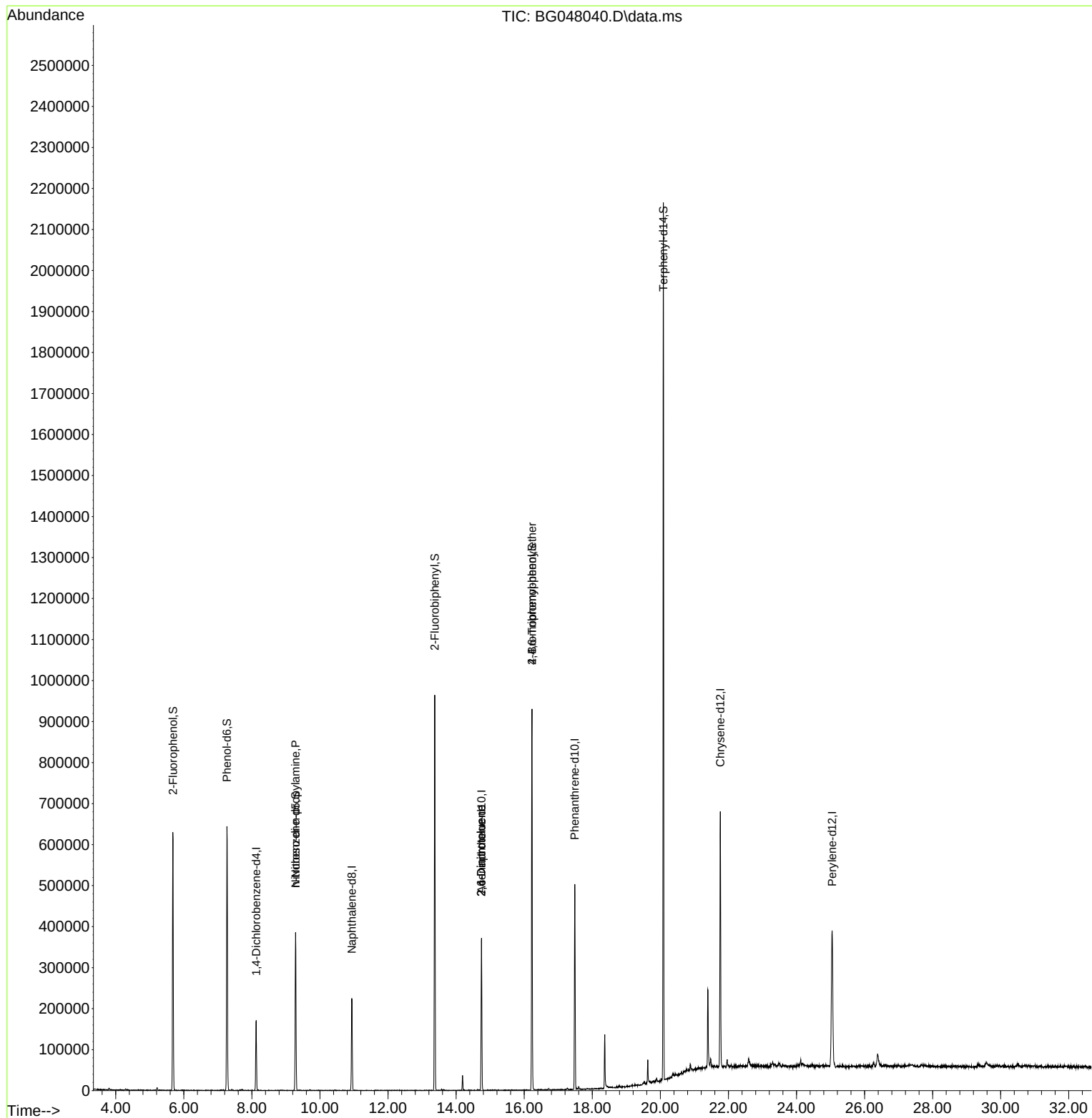
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.126	152	46352	20.00	ng	0.00
21) Naphthalene-d8	10.935	136	180926	20.00	ng	-0.01
39) Acenaphthene-d10	14.748	164	131505	20.00	ng	0.00
64) Phenanthrene-d10	17.486	188	326162	20.00	ng	-0.01
76) Chrysene-d12	21.763	240	378203	20.00	ng	#-0.01
86) Perylene-d12	25.047	264	375156	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	254669	84.44	ng	0.00
7) Phenol-d6	7.268	99	350865	76.51	ng	-0.01
23) Nitrobenzene-d5	9.284	82	233588	51.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.228	330	172369	78.70	ng	-0.01
45) 2-Fluorobiphenyl	13.373	172	492479	48.42	ng	-0.01
79) Terphenyl-d14	20.089	244	932366	42.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.284	70	33737	10.08	ng	# 74
51) 2,6-Dinitrotoluene	14.742	165	17189	6.95	ng	# 34
57) 2,4-Dinitrotoluene	14.742	165	17189	4.81	ng	# 32
67) 4-Bromophenyl-phenylether	16.228	248	11641	2.67	ng	# 1

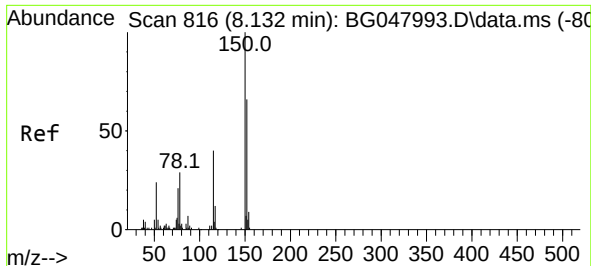
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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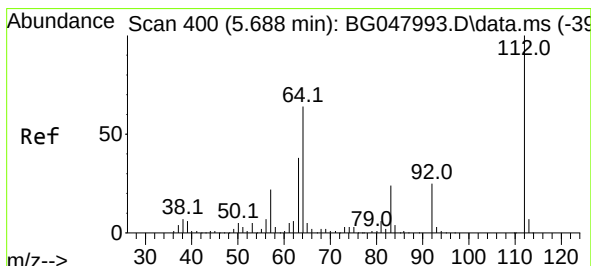
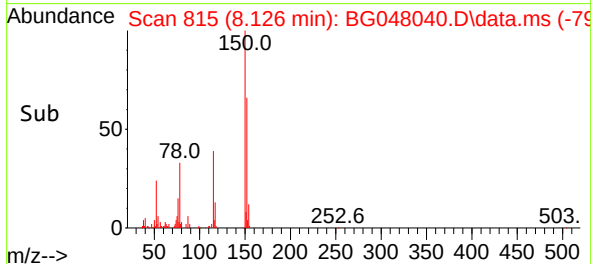
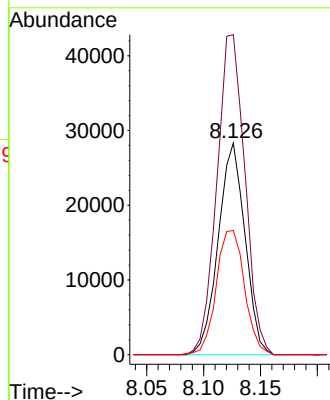
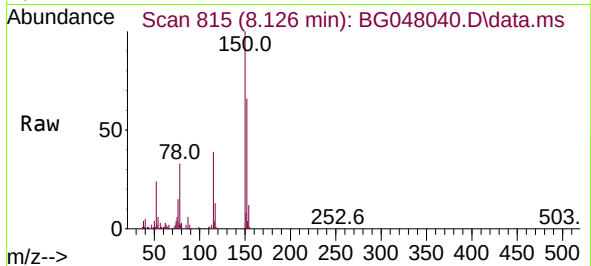




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.126 min Scan# 815
Delta R.T. -0.006 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

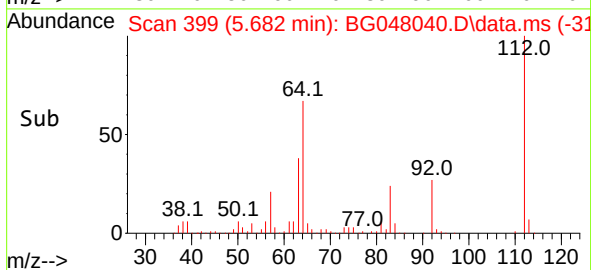
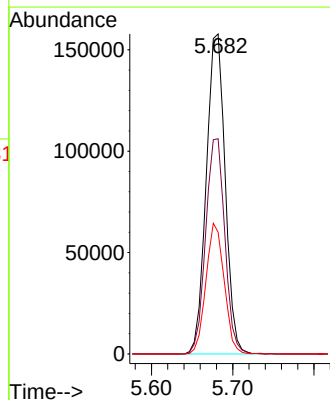
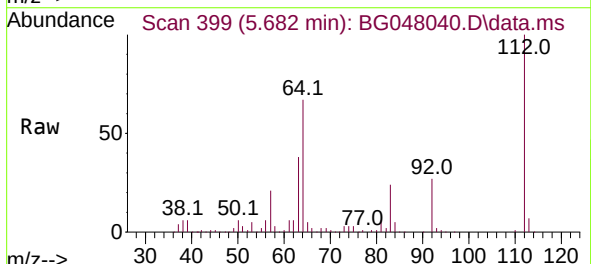
Instrument :
BNA_G
ClientSampleId :
0046-051-COMP-H

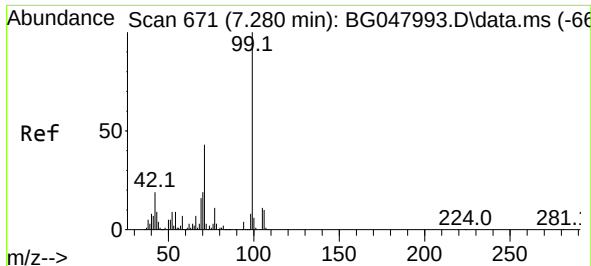
Tgt Ion:152 Resp: 46352
Ion Ratio Lower Upper
152 100
150 151.2 125.0 187.6
115 58.7 41.8 62.6



#5
2-Fluorophenol
Concen: 84.44 ng
RT: 5.682 min Scan# 399
Delta R.T. -0.006 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

Tgt Ion:112 Resp: 254669
Ion Ratio Lower Upper
112 100
64 67.2 46.7 70.1
63 38.0 22.8 34.2#

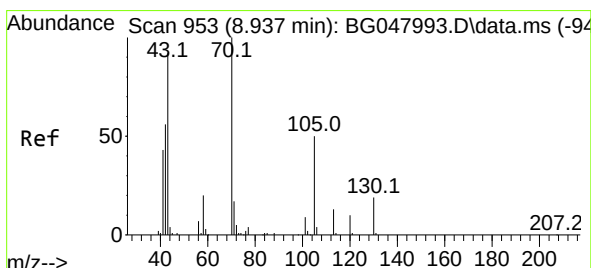
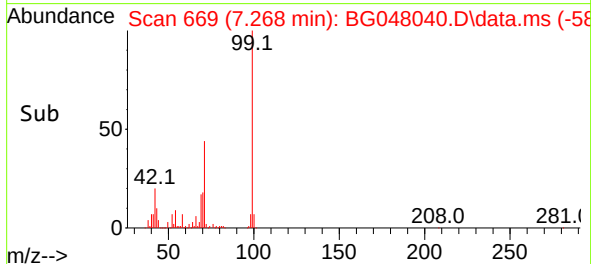
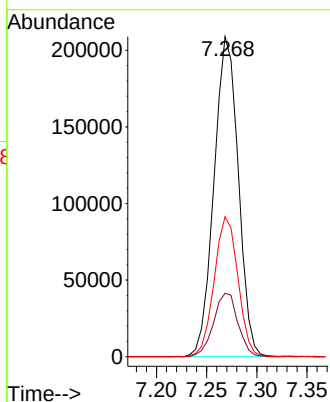
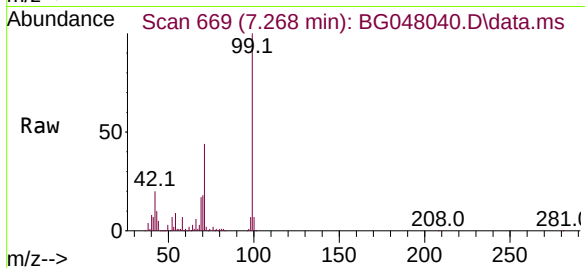




#7
Phenol-d6
Concen: 76.51 ng
RT: 7.268 min Scan# 669
Delta R.T. -0.012 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

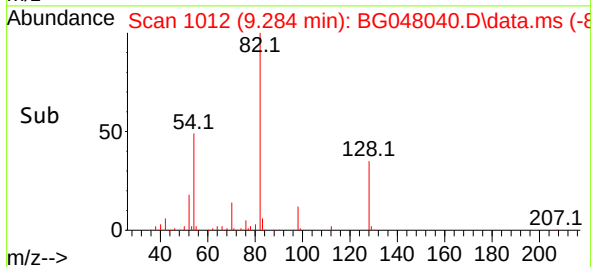
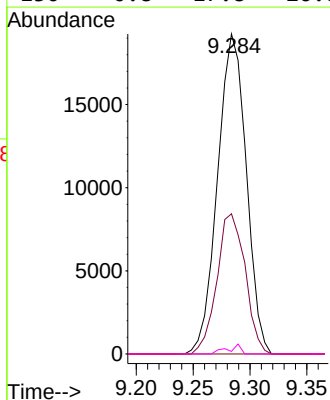
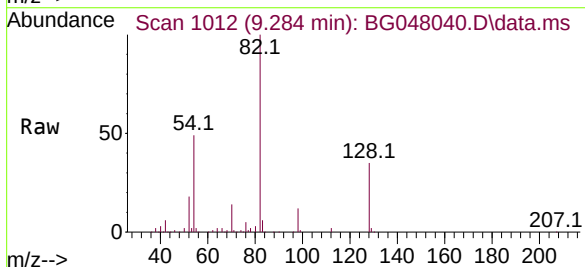
Instrument :
BNA_G
ClientSampleId :
0046-051-COMP-H

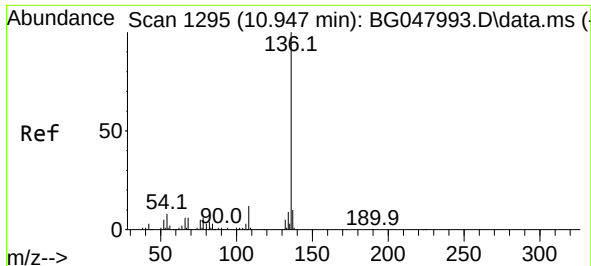
Tgt Ion: 99 Resp: 350865
Ion Ratio Lower Upper
99 100
42 19.8 12.8 19.2#
71 43.8 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 10.08 ng
RT: 9.284 min Scan# 1012
Delta R.T. 0.346 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

Tgt Ion: 70 Resp: 33737
Ion Ratio Lower Upper
70 100
42 43.8 45.6 68.4#
101 0.0 8.4 12.6#
130 0.8 17.8 26.8#

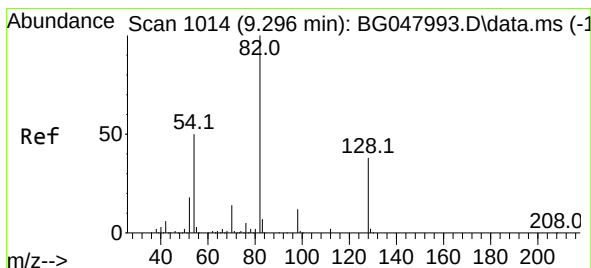
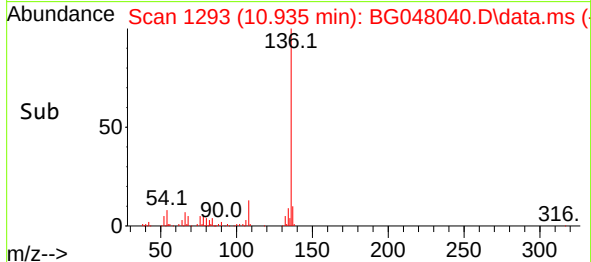
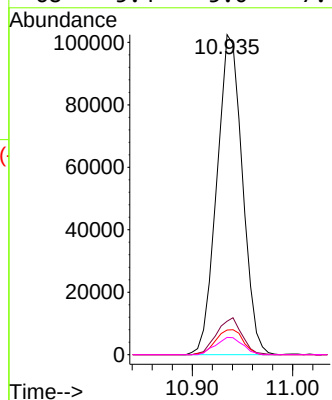
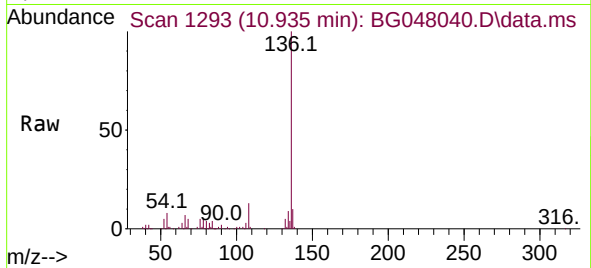




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.935 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

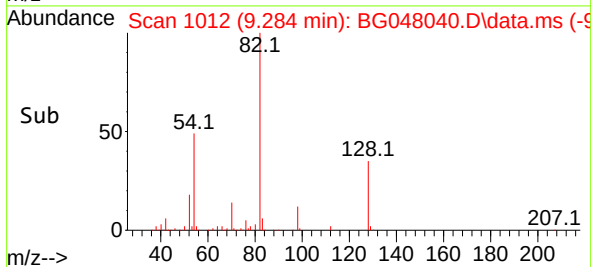
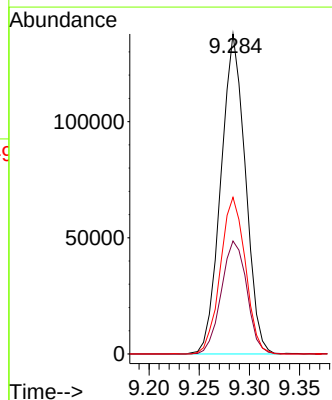
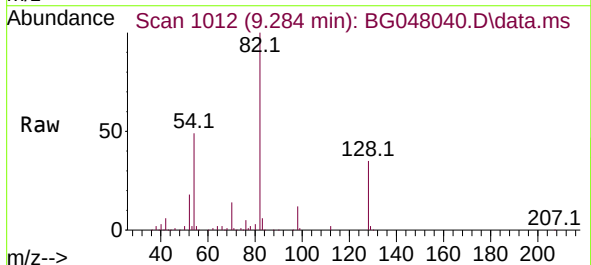
Instrument :
BNA_G
ClientSampleId :
0046-051-COMP-H

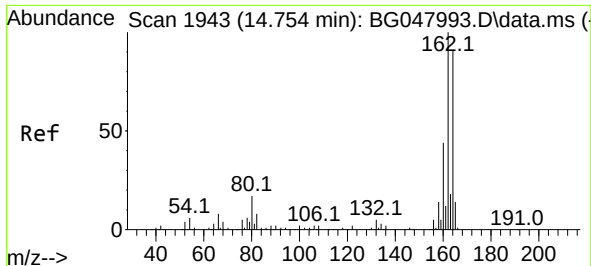
Tgt Ion:	136	Resp:	180926
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.1	13.7
54	7.7	6.2	9.4
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 51.08 ng
RT: 9.284 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

Tgt Ion:	82	Resp:	233588
Ion Ratio	Lower	Upper	
82	100		
128	35.3	37.0	55.6#
54	49.0	39.0	58.4

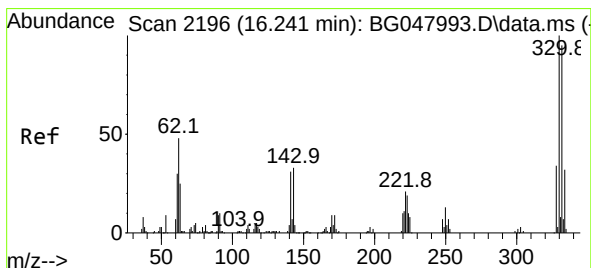
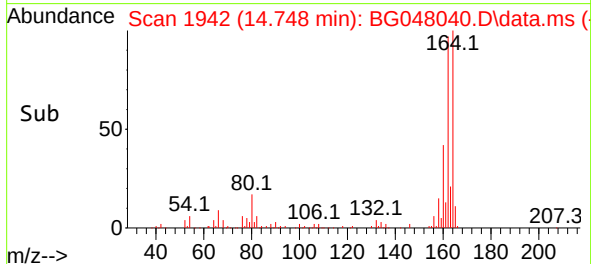
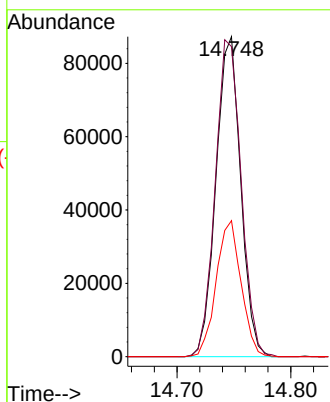
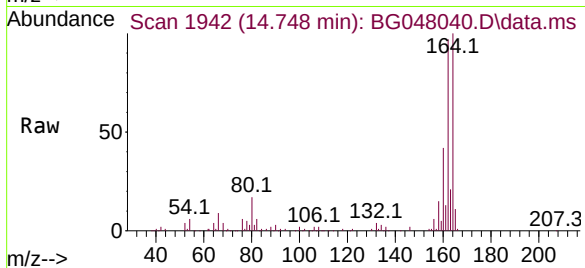




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

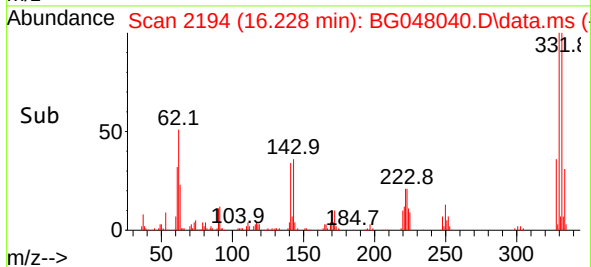
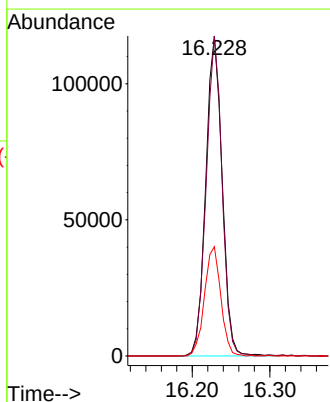
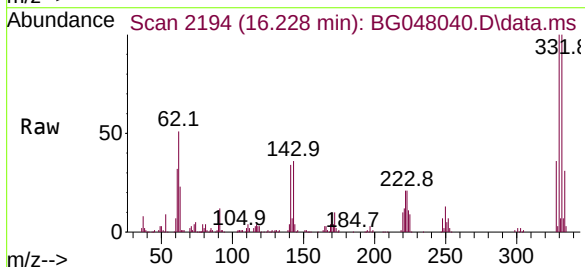
Instrument :
BNA_G
ClientSampleId :
0046-051-COMP-H

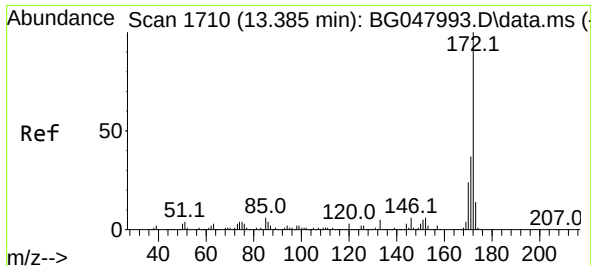
Tgt Ion:164 Resp: 131505
Ion Ratio Lower Upper
164 100
162 96.9 82.3 123.5
160 42.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 78.70 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

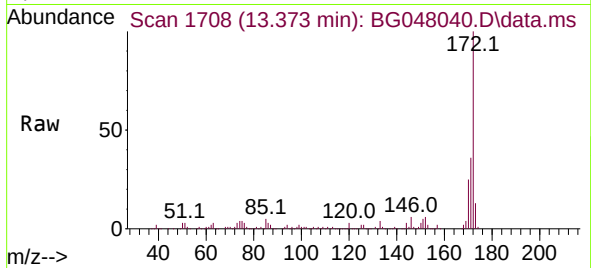
Tgt Ion:330 Resp: 172369
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 34.1 26.0 39.0



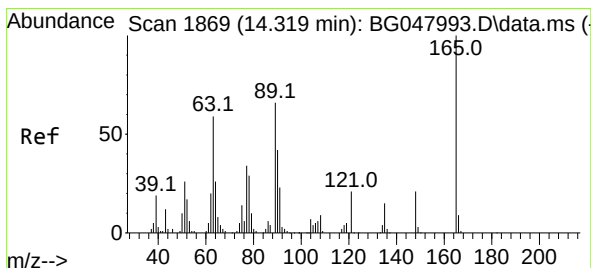
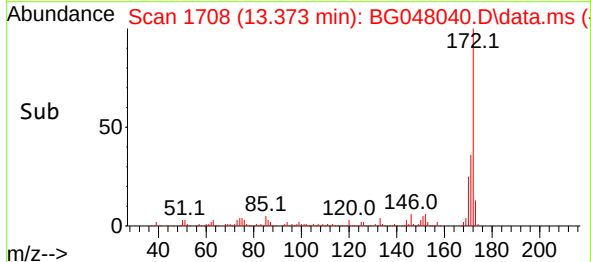
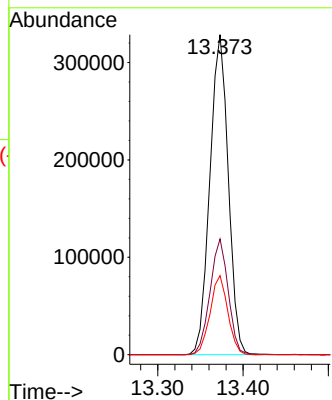


#45
2-Fluorobiphenyl
Concen: 48.42 ng
RT: 13.373 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

Instrument :
BNA_G
ClientSampleId :
0046-051-COMP-H

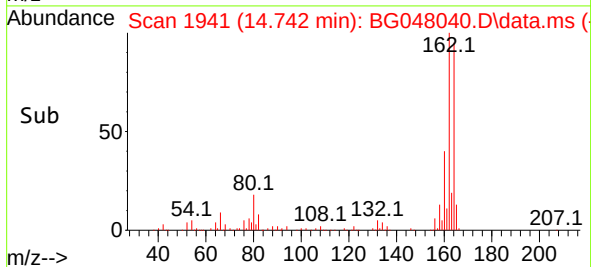
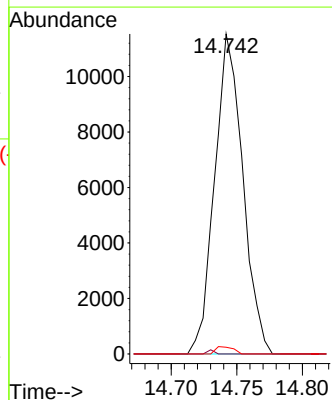
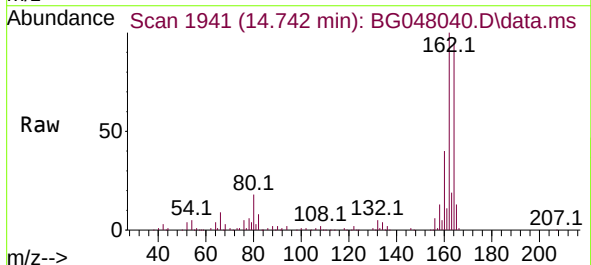


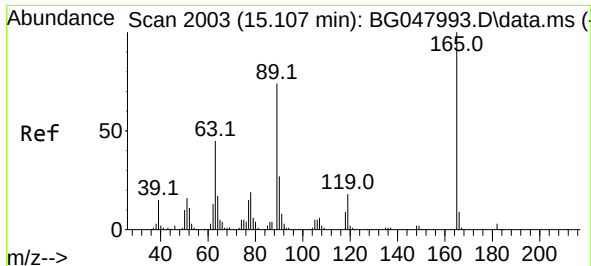
Tgt Ion:172 Resp: 492479
Ion Ratio Lower Upper
172 100
171 36.1 31.3 46.9
170 24.7 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.95 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.423 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

Tgt Ion:165 Resp: 17189
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.1 36.6 54.8#

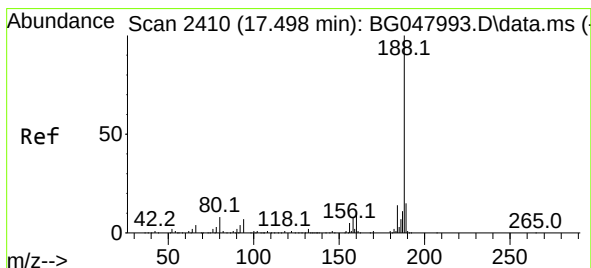
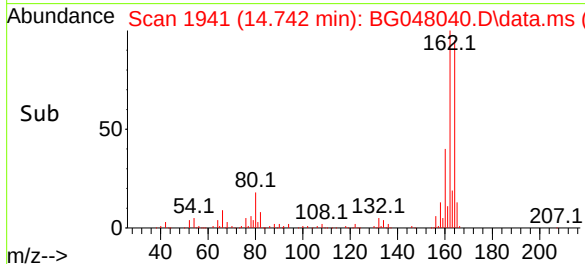
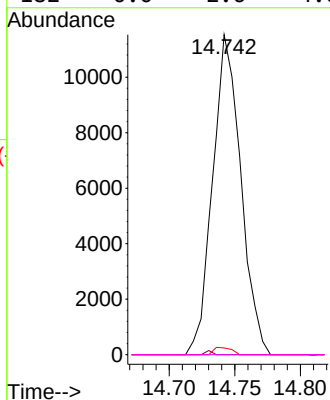
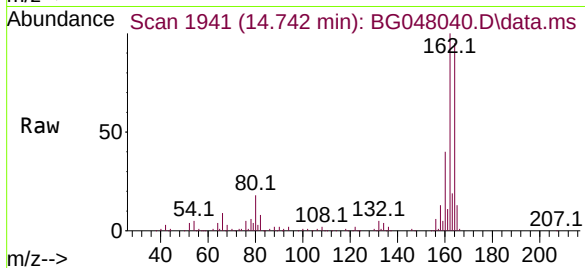




#57
2,4-Dinitrotoluene
Concen: 4.81 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.365 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

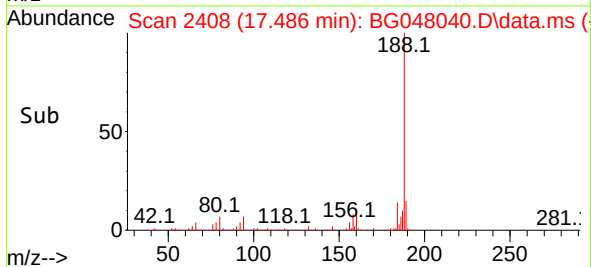
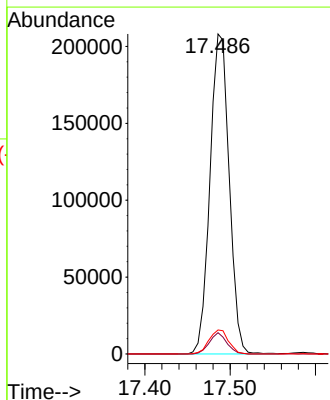
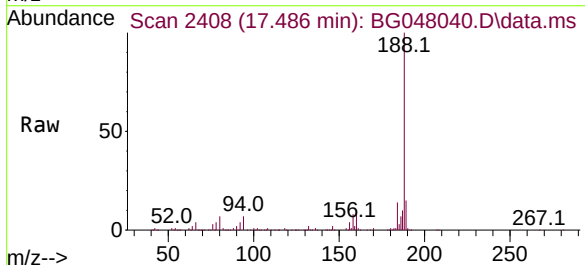
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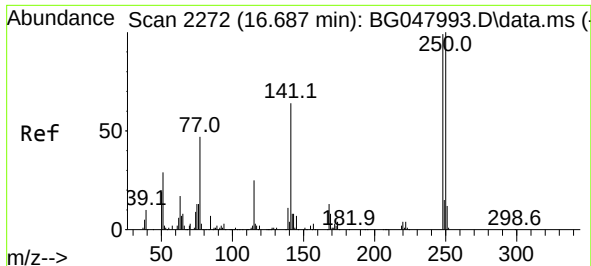
Tgt Ion:165 Resp: 17189
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.1 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.486 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

Tgt Ion:188 Resp: 326162
Ion Ratio Lower Upper
188 100
94 6.6 6.3 9.5
80 7.5 7.0 10.6

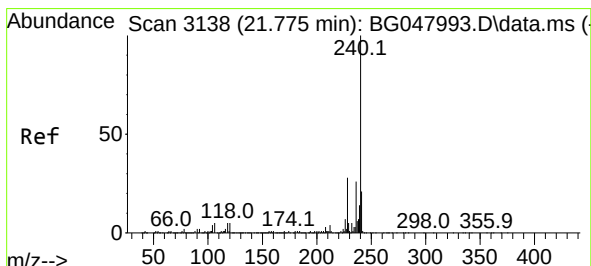
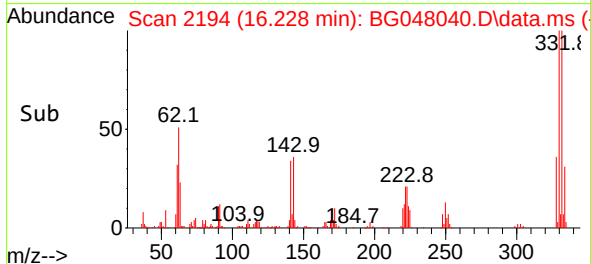
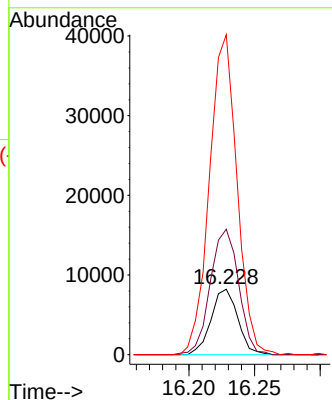
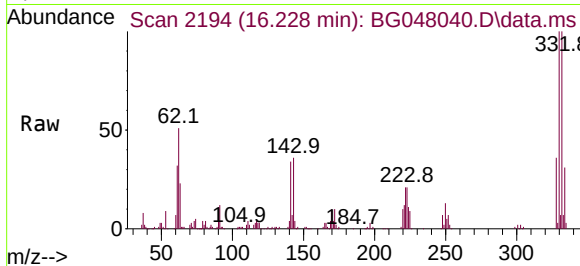




#67
4-Bromophenyl-phenylether
Concen: 2.67 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.459 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

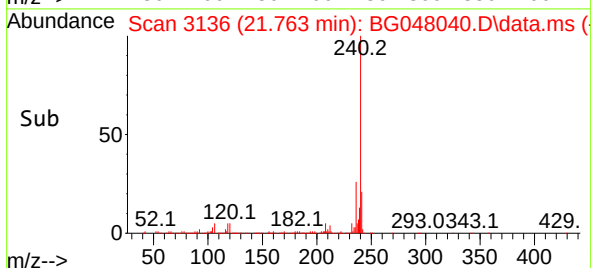
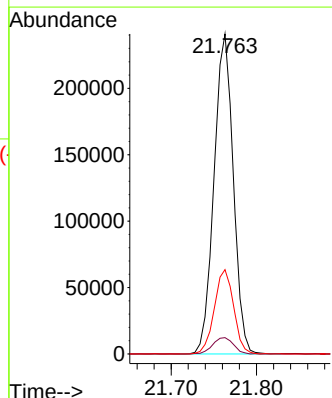
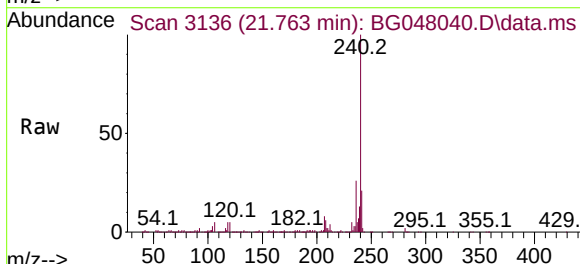
Instrument :
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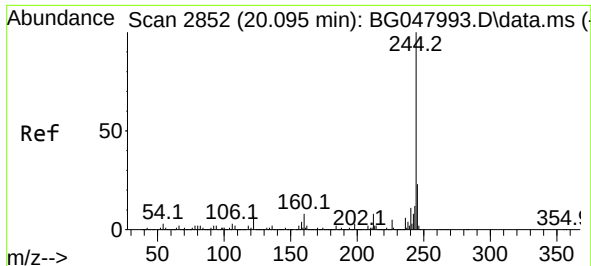
Tgt Ion:248 Resp: 11641
Ion Ratio Lower Upper
248 100
250 191.6 78.9 118.3#
141 488.8 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

Tgt Ion:240 Resp: 378203
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 26.3 20.5 30.7

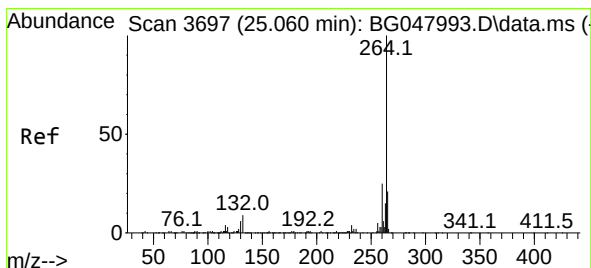
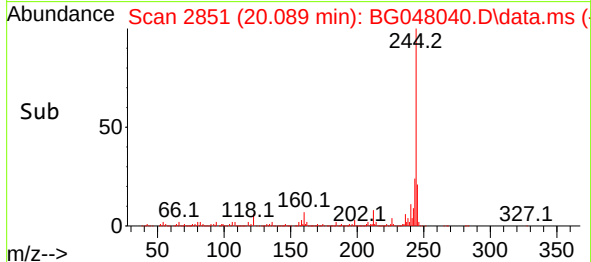
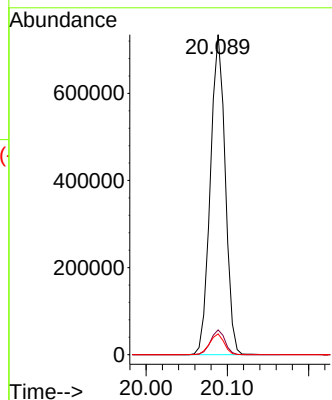
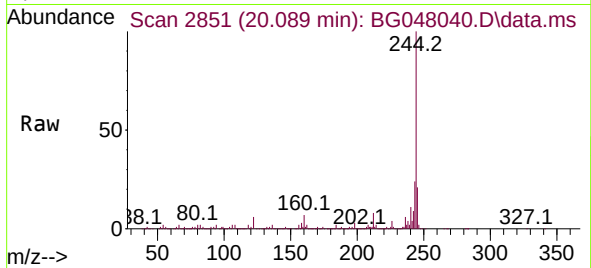




#79
Terphenyl-d14
Concen: 42.74 ng
RT: 20.089 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

Instrument :
BNA_G
ClientSampleId :
0046-051-COMP-H

Tgt Ion:244 Resp: 932366
Ion Ratio Lower Upper
244 100
212 7.8 6.7 10.1
122 6.5 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.047 min Scan# 3695
Delta R.T. -0.012 min
Lab File: BG048040.D
Acq: 27 Jan 2021 22:58

Tgt Ion:264 Resp: 375156
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 23.7 17.8 26.8

