

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
 Data File : BG048061.D
 Acq On : 28 Jan 2021 17:05
 Operator : CG/JU
 Sample : M1257-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11938-1

Quant Time: Jan 28 17:53:08 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)

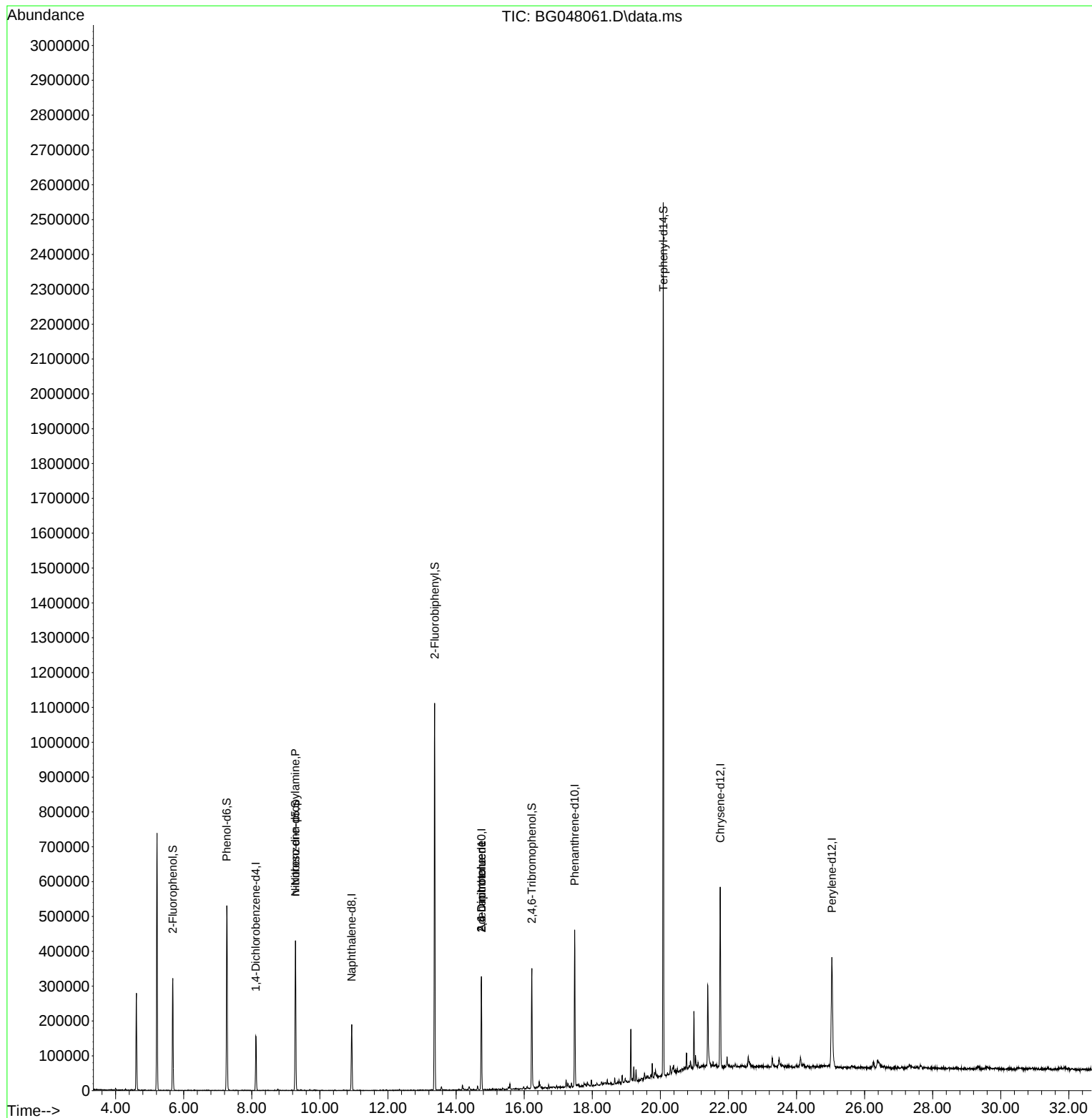
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	43418	20.00	ng	-0.01
21) Naphthalene-d8	10.932	136	155216	20.00	ng	-0.01
39) Acenaphthene-d10	14.745	164	109883	20.00	ng	0.00
64) Phenanthrene-d10	17.483	188	273893	20.00	ng	-0.01
76) Chrysene-d12	21.761	240	327709	20.00	ng	#-0.01
86) Perylene-d12	25.039	264	346341	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	129028	45.67	ng	0.00
7) Phenol-d6	7.266	99	291634	67.89	ng	-0.01
23) Nitrobenzene-d5	9.281	82	266479	67.93	ng	-0.01
42) 2,4,6-Tribromophenol	16.226	330	69965	38.23	ng	-0.01
45) 2-Fluorobiphenyl	13.371	172	581445	68.41	ng	-0.01
79) Terphenyl-d14	20.086	244	1085994	57.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.281	70	38273	12.21	ng	# 70
51) 2,6-Dinitrotoluene	14.745	165	14556	7.04	ng	# 32
57) 2,4-Dinitrotoluene	14.745	165	14556	4.87	ng	# 30

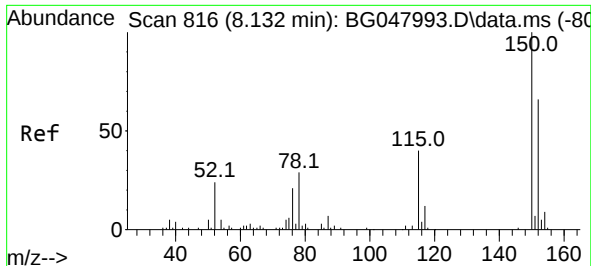
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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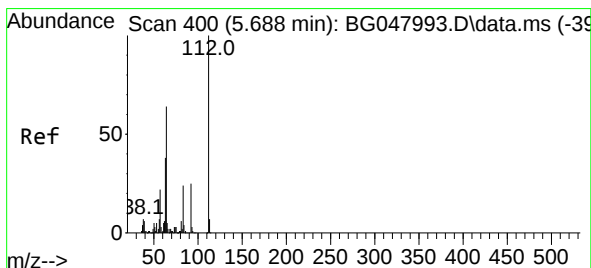
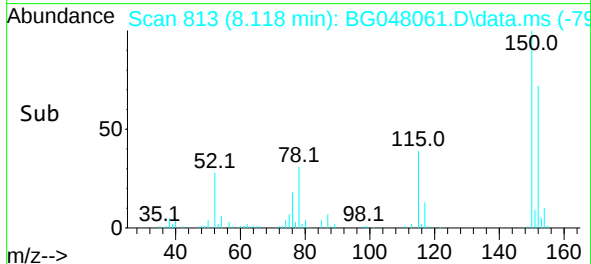
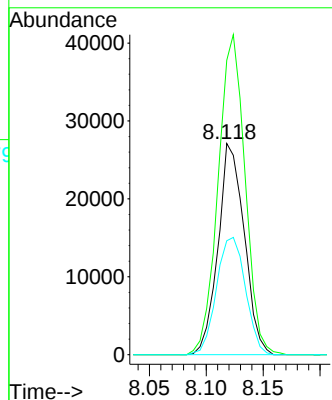
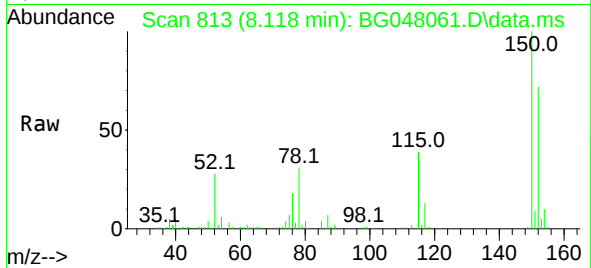




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.118 min Scan# 813
Delta R.T. -0.014 min
Lab File: BG048061.D
Acq: 28 Jan 2021 17:05

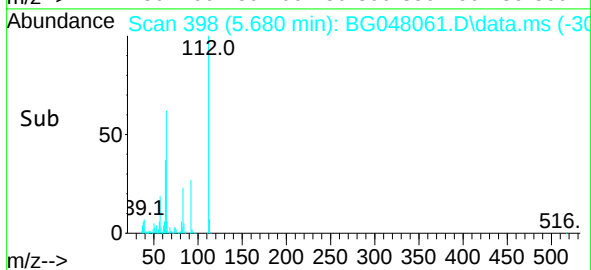
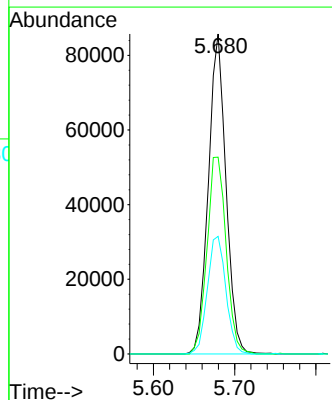
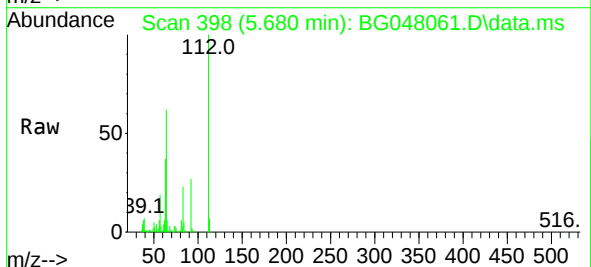
Instrument :
BNA_G
ClientSampleID :
72-11938-1

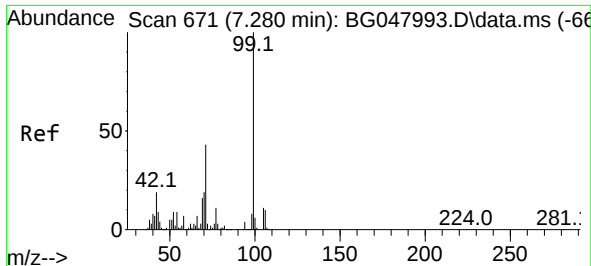
Tgt Ion:152 Resp: 43418
Ion Ratio Lower Upper
152 100
150 139.4 125.0 187.6
115 54.0 41.8 62.6



#5
2-Fluorophenol
Concen: 45.67 ng
RT: 5.680 min Scan# 398
Delta R.T. -0.009 min
Lab File: BG048061.D
Acq: 28 Jan 2021 17:05

Tgt Ion:112 Resp: 129028
Ion Ratio Lower Upper
112 100
64 61.5 46.7 70.1
63 36.7 22.8 34.2#

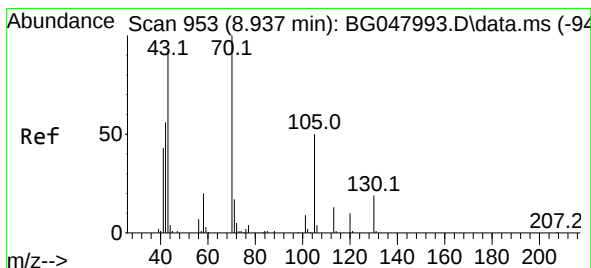
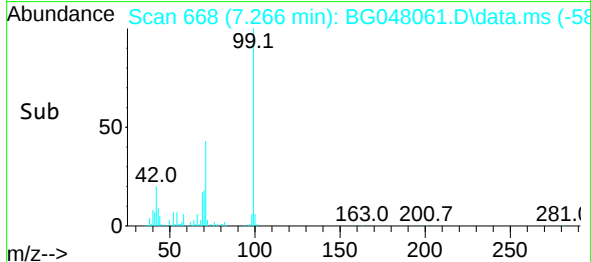
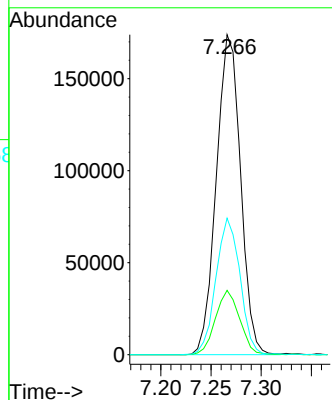
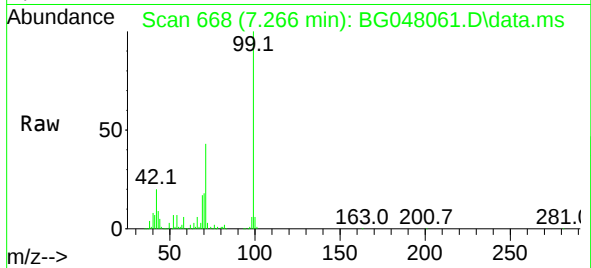




#7
Phenol-d6
Concen: 67.89 ng
RT: 7.266 min Scan# 668
Delta R.T. -0.015 min
Lab File: BG048061.D
Acq: 28 Jan 2021 17:05

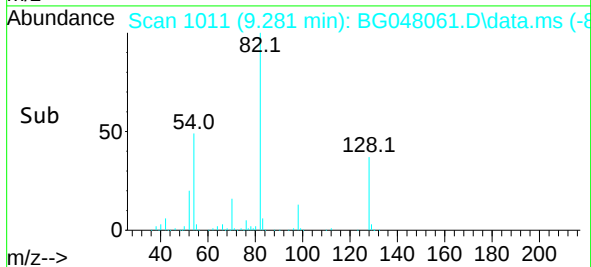
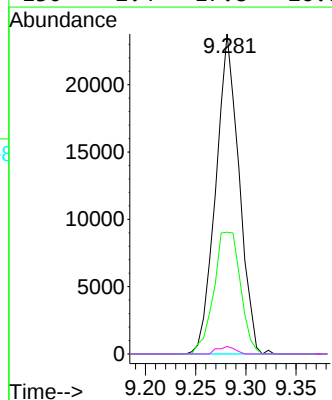
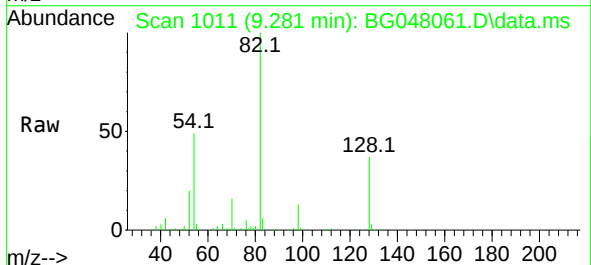
Instrument :
BNA_G
ClientSampleId :
72-11938-1

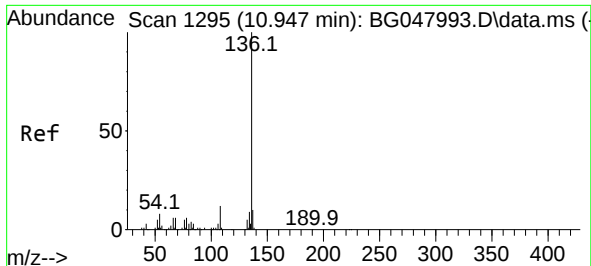
Tgt Ion: 99 Resp: 291634
Ion Ratio Lower Upper
99 100
42 20.1 12.8 19.2#
71 42.6 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 12.21 ng
RT: 9.281 min Scan# 1011
Delta R.T. 0.344 min
Lab File: BG048061.D
Acq: 28 Jan 2021 17:05

Tgt Ion: 70 Resp: 38273
Ion Ratio Lower Upper
70 100
42 38.0 45.6 68.4#
101 0.0 8.4 12.6#
130 2.4 17.8 26.8#

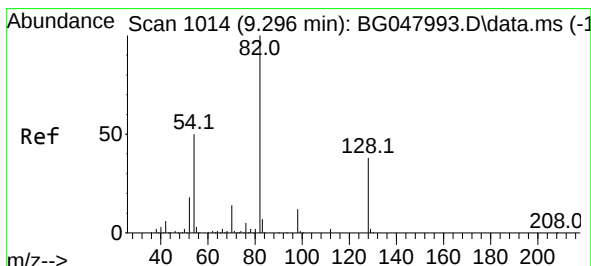
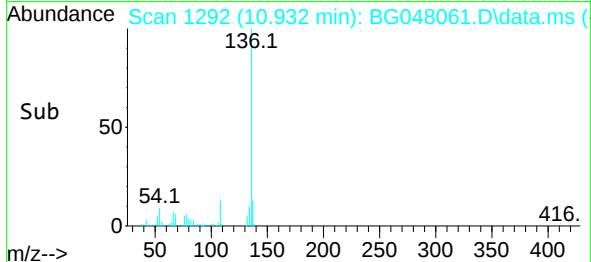
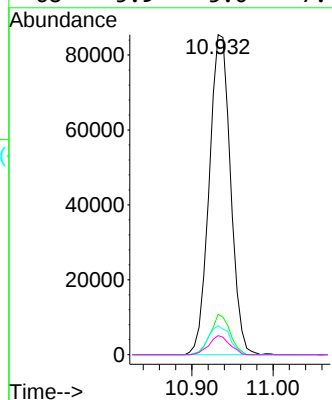
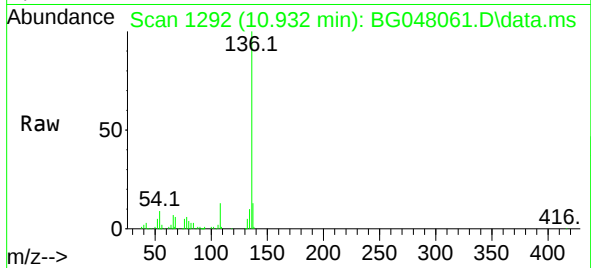




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.932 min Scan# 1292
Delta R.T. -0.015 min
Lab File: BG048061.D
Acq: 28 Jan 2021 17:05

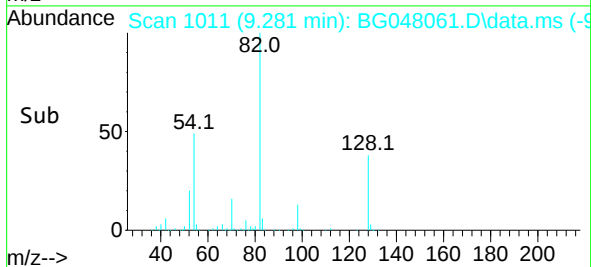
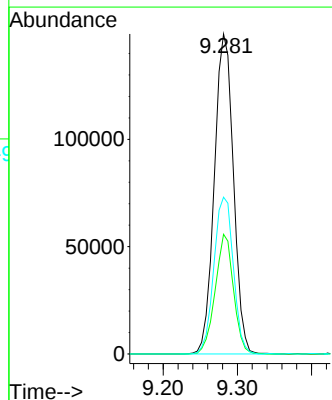
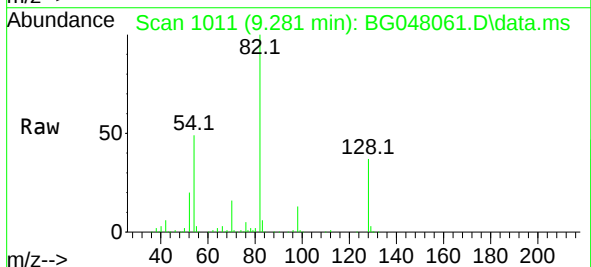
Instrument :
BNA_G
ClientSampleId :
72-11938-1

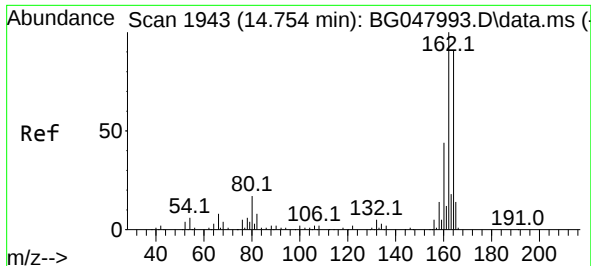
Tgt Ion:	136	Resp:	155216
Ion Ratio	Lower	Upper	
136	100		
137	12.6	9.1	13.7
54	9.0	6.2	9.4
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 67.93 ng
RT: 9.281 min Scan# 1011
Delta R.T. -0.015 min
Lab File: BG048061.D
Acq: 28 Jan 2021 17:05

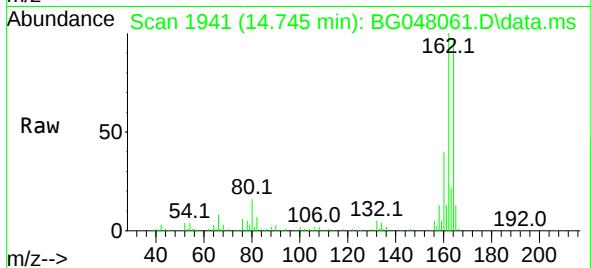
Tgt Ion:	82	Resp:	266479
Ion Ratio	Lower	Upper	
82	100		
128	37.4	37.0	55.6
54	49.0	39.0	58.4



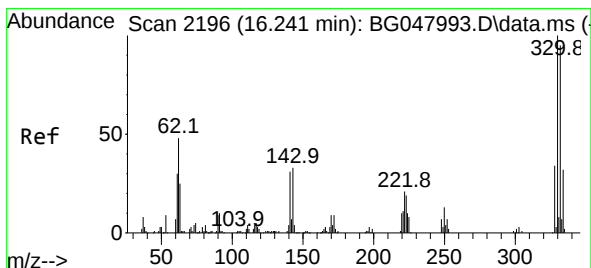
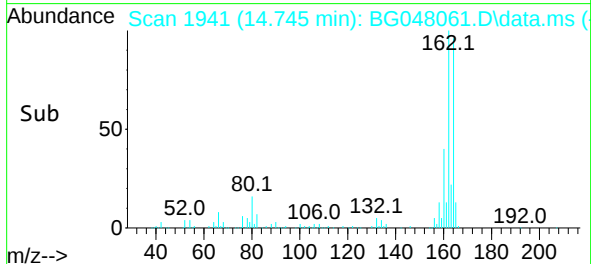
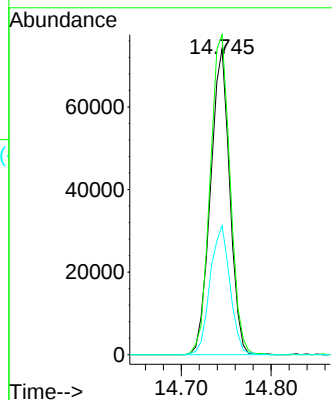


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048061.D
Acq: 28 Jan 2021 17:05

Instrument :
BNA_G
ClientSampleId :
72-11938-1

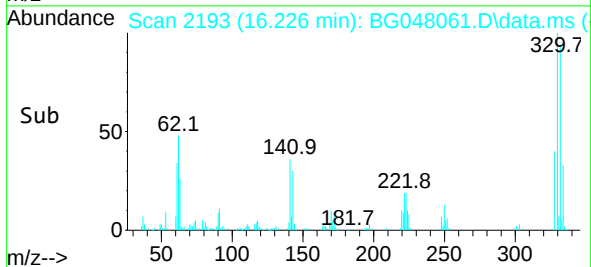
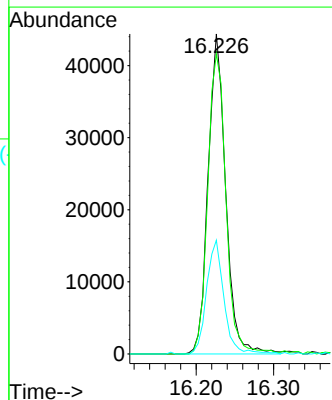
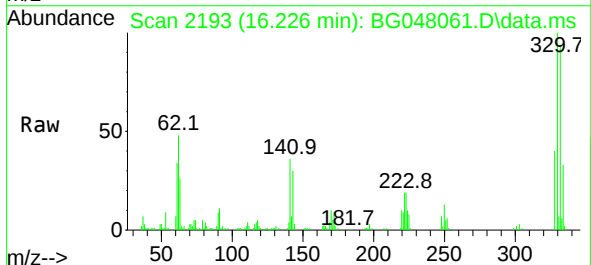


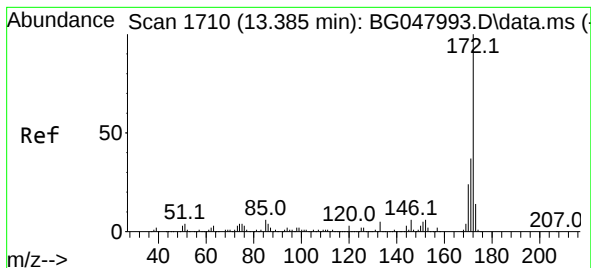
Tgt Ion:164 Resp: 109883
Ion Ratio Lower Upper
164 100
162 104.5 82.3 123.5
160 42.2 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 38.23 ng
RT: 16.226 min Scan# 2193
Delta R.T. -0.015 min
Lab File: BG048061.D
Acq: 28 Jan 2021 17:05

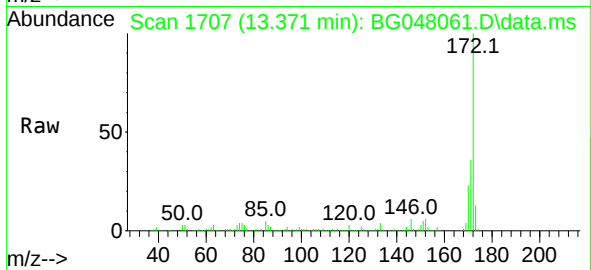
Tgt Ion:330 Resp: 69965
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 35.2 26.0 39.0



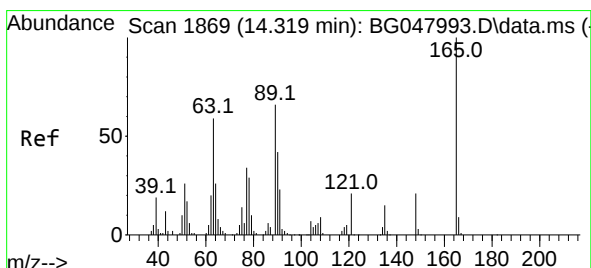
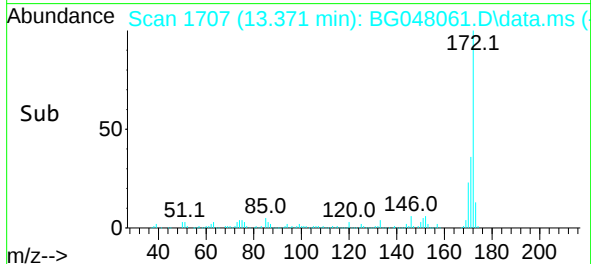
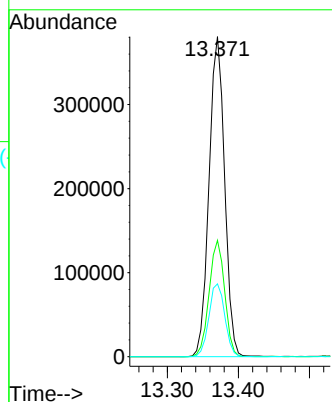


#45
2-Fluorobiphenyl
Concen: 68.41 ng
RT: 13.371 min Scan# 1707
Delta R.T. -0.014 min
Lab File: BG048061.D
Acq: 28 Jan 2021 17:05

Instrument :
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ClientSampleId :
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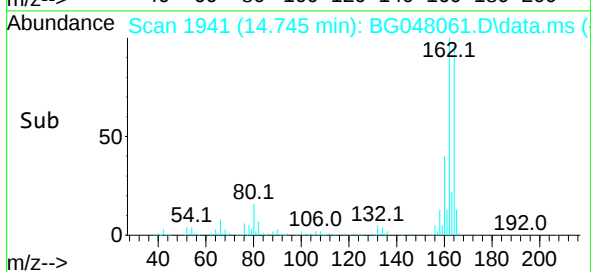
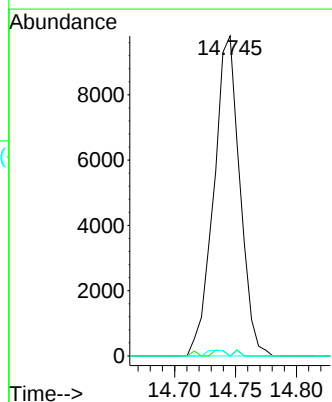
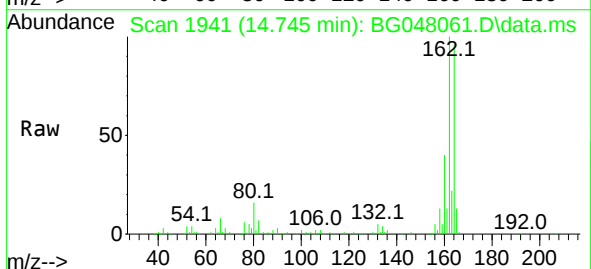


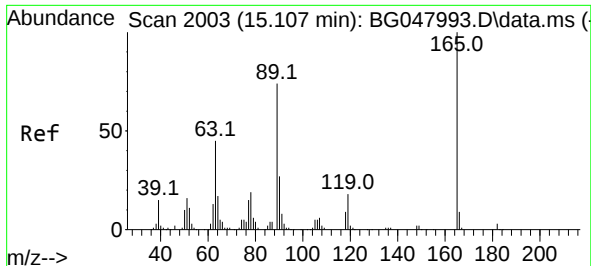
Tgt Ion:172 Resp: 581445
Ion Ratio Lower Upper
172 100
171 36.4 31.3 46.9
170 22.7 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.04 ng
RT: 14.745 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048061.D
Acq: 28 Jan 2021 17:05

Tgt Ion:165 Resp: 14556
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 0.0 36.6 54.8#

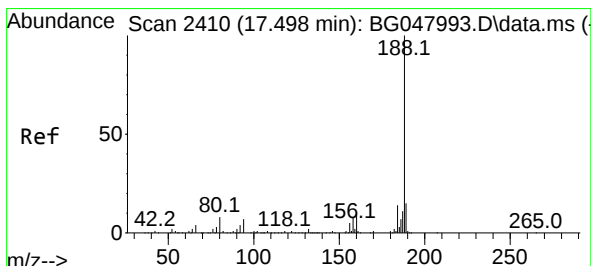
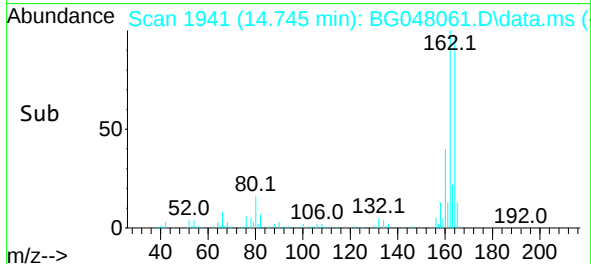
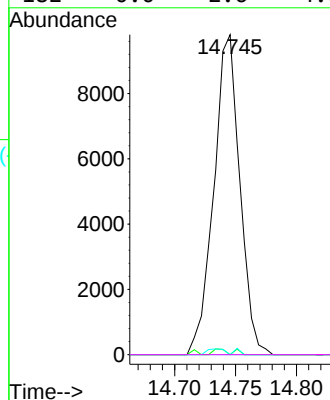
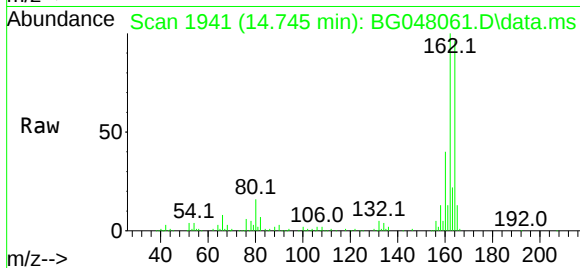




#57
2,4-Dinitrotoluene
Concen: 4.87 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048061.D
Acq: 28 Jan 2021 17:05

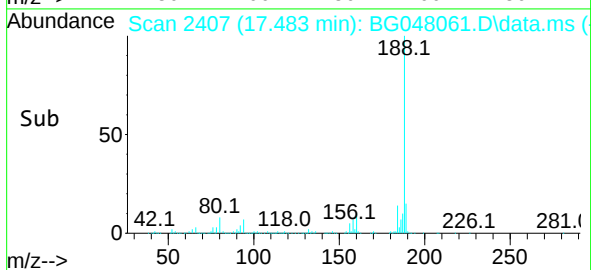
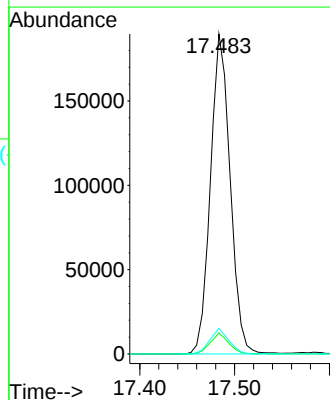
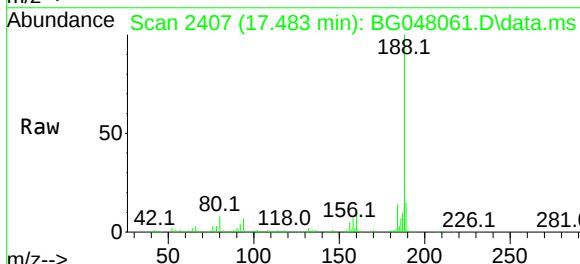
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BNA_G
ClientSampleId :
72-11938-1

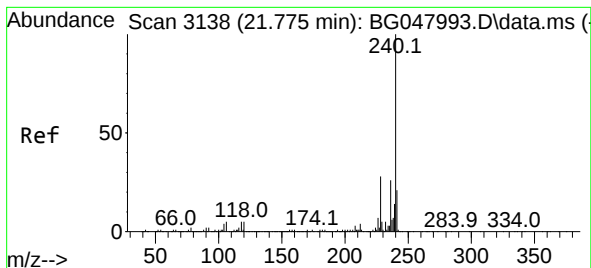
Tgt Ion:	165	Resp:	14556
Ion Ratio	Lower	Upper	
165	100		
63	0.0	26.4	39.6#
89	0.0	47.8	71.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.483 min Scan# 2407
Delta R.T. -0.014 min
Lab File: BG048061.D
Acq: 28 Jan 2021 17:05

Tgt Ion:	188	Resp:	273893
Ion Ratio	Lower	Upper	
188	100		
94	6.6	6.3	9.5
80	8.0	7.0	10.6





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.761 min Scan# 3135

Delta R.T. -0.014 min

Lab File: BG048061.D

Acq: 28 Jan 2021 17:05

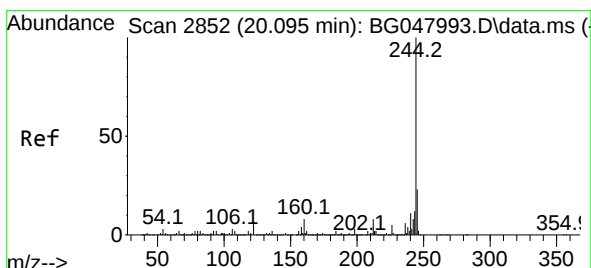
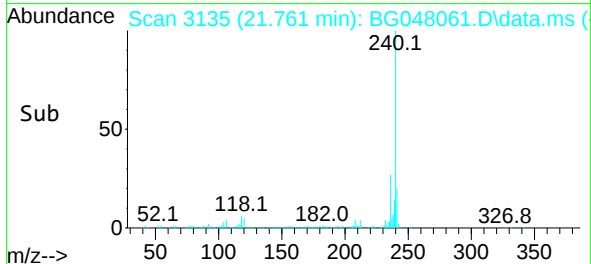
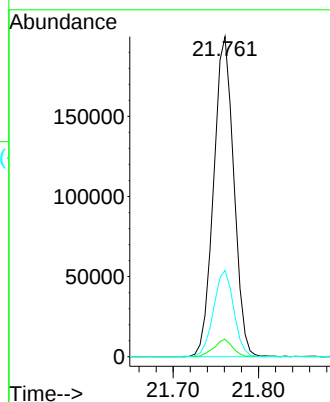
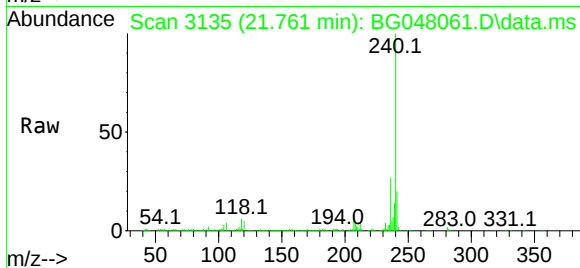
Instrument :

BNA_G

ClientSampleId :

72-11938-1

Tgt Ion:240 Resp: 327709
 Ion Ratio Lower Upper
 240 100
 120 5.4 6.2 9.4#
 236 27.0 20.5 30.7



#79

Terphenyl-d14

Concen: 57.46 ng

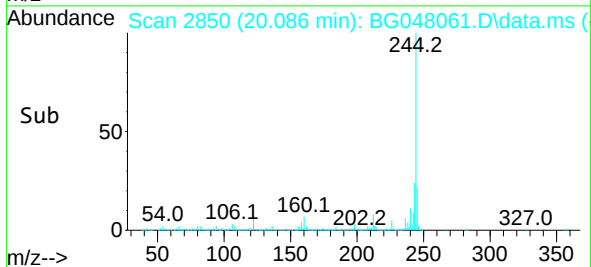
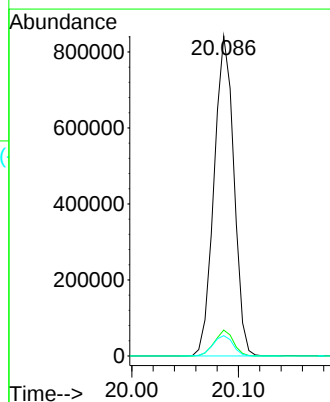
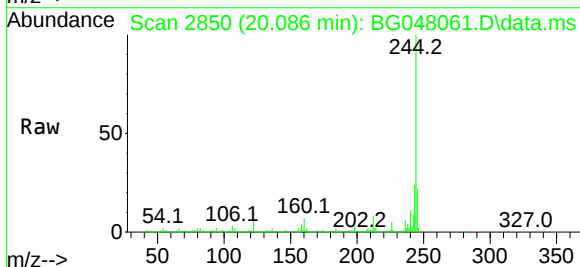
RT: 20.086 min Scan# 2850

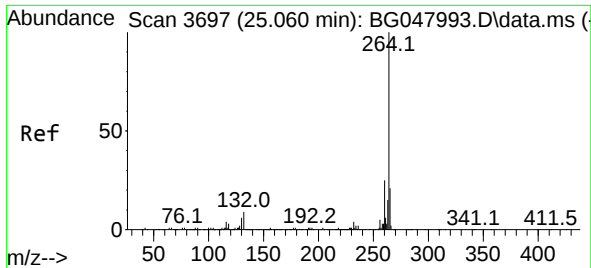
Delta R.T. -0.009 min

Lab File: BG048061.D

Acq: 28 Jan 2021 17:05

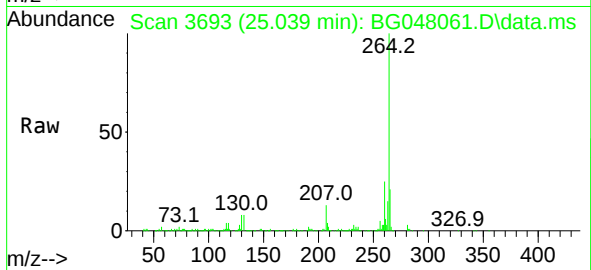
Tgt Ion:244 Resp: 1085994
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.7 10.1
 122 6.4 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.039 min Scan# 3693
 Delta R.T. -0.020 min
 Lab File: BG048061.D
 Acq: 28 Jan 2021 17:05

Instrument :
 BNA_G
 ClientSampleId :
 72-11938-1



Tgt Ion:	264	Resp:	346341
Ion Ratio	Lower	Upper	
264	100		
260	25.1	18.8	28.2
265	21.5	17.8	26.8

