

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048952.D
 Acq On : 14 Jun 2021 16:47
 Operator : CG/JU
 Sample : M2687-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-01

Quant Time: Jun 15 01:12:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

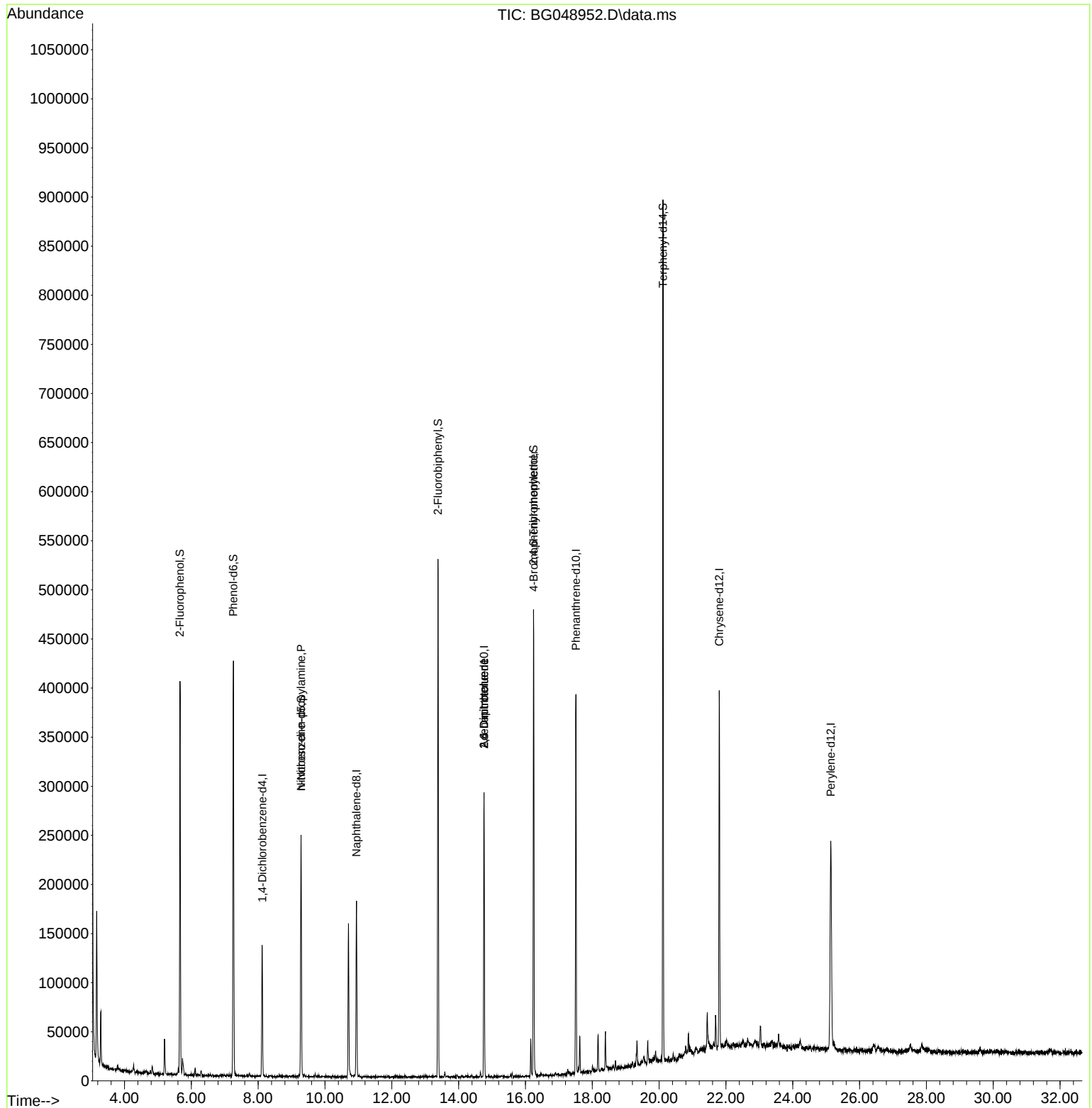
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	36093	20.00	ng	# 0.00
21) Naphthalene-d8	10.943	136	139904	20.00	ng	# 0.00
39) Acenaphthene-d10	14.762	164	106902	20.00	ng	0.00
64) Phenanthrene-d10	17.512	188	239173	20.00	ng	# 0.00
76) Chrysene-d12	21.801	240	234378	20.00	ng	-0.02
86) Perylene-d12	25.138	264	240406	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	157007	67.72	ng	0.00
7) Phenol-d6	7.259	99	217206	62.50	ng	0.00
23) Nitrobenzene-d5	9.286	82	146774	45.24	ng	0.00
42) 2,4,6-Tribromophenol	16.243	330	92896	58.65	ng	-0.01
45) 2-Fluorobiphenyl	13.381	172	272724	36.04	ng	-0.01
79) Terphenyl-d14	20.115	244	409452	31.99	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.286	70	22227	8.18	ng	# 70
51) 2,6-Dinitrotoluene	14.762	165	13780	8.13	ng	# 12
57) 2,4-Dinitrotoluene	14.762	165	13780	6.62	ng	# 18
67) 4-Bromophenyl-phenylether	16.248	248	6307	2.11	ng	# 1

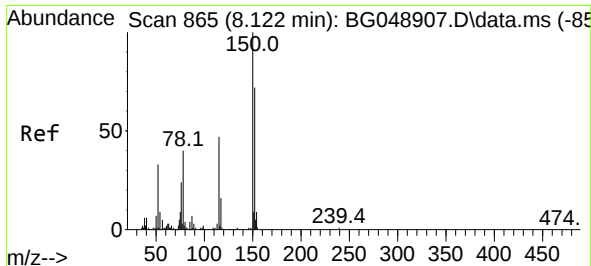
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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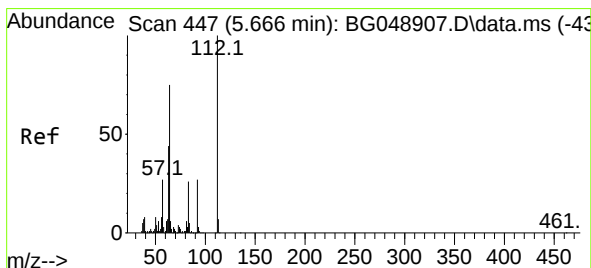
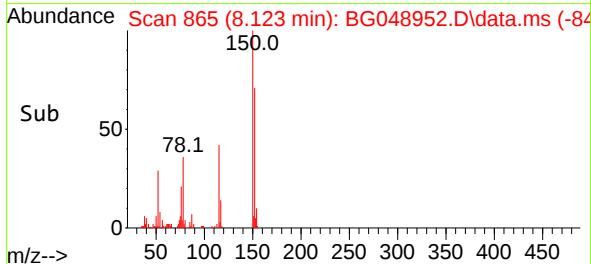
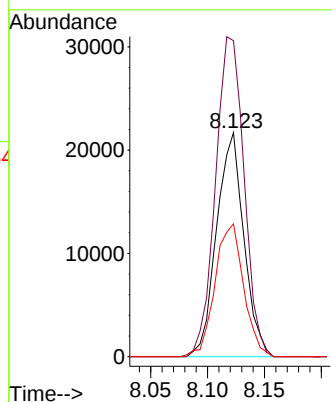
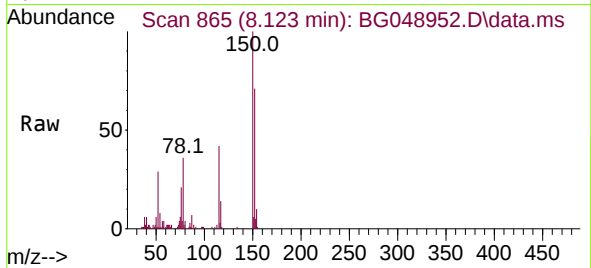




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.123 min Scan# 865
Delta R.T. 0.001 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

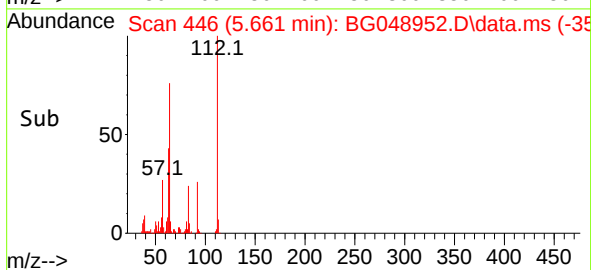
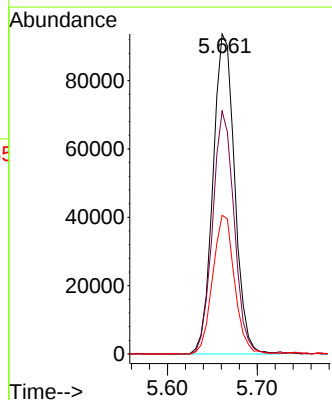
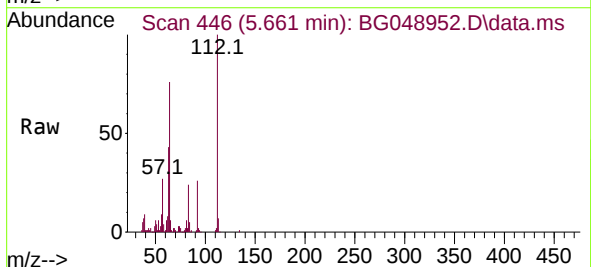
Instrument :
BNA_G
ClientSampled :
DUP-01

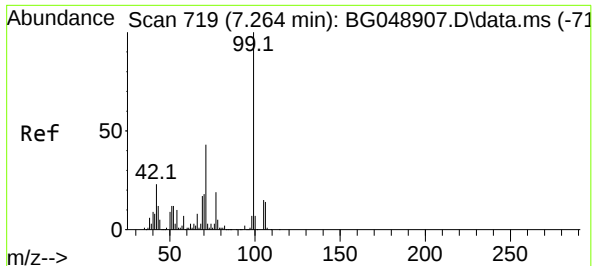
Tgt Ion:152 Resp: 36093
Ion Ratio Lower Upper
152 100
150 141.0 119.4 179.0
115 59.3 60.2 90.4#



#5
2-Fluorophenol
Concen: 67.72 ng
RT: 5.661 min Scan# 446
Delta R.T. -0.005 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

Tgt Ion:112 Resp: 157007
Ion Ratio Lower Upper
112 100
64 75.9 46.7 70.1#
63 43.3 35.3 52.9

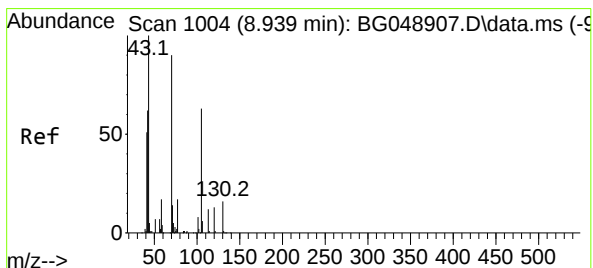
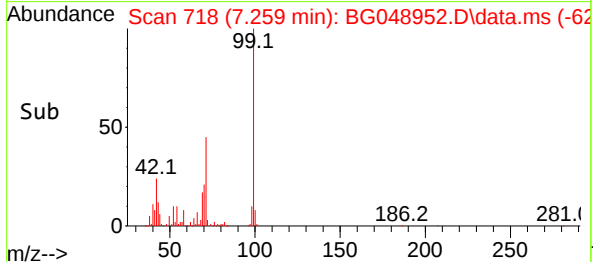
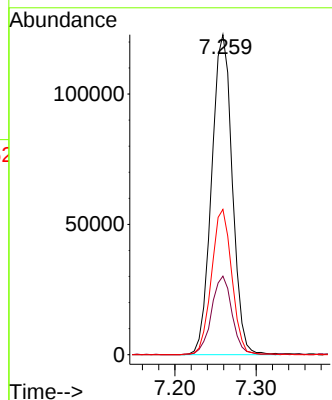
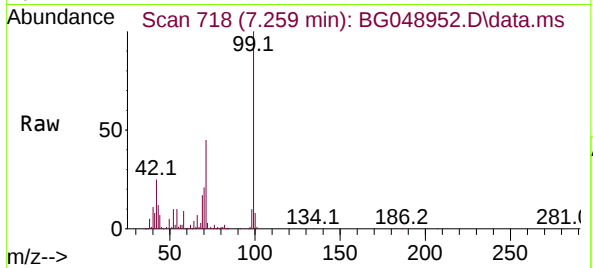




#7
Phenol-d6
Concen: 62.50 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

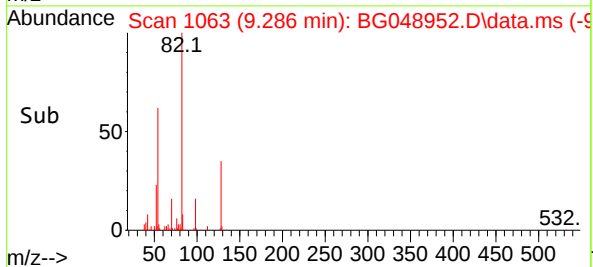
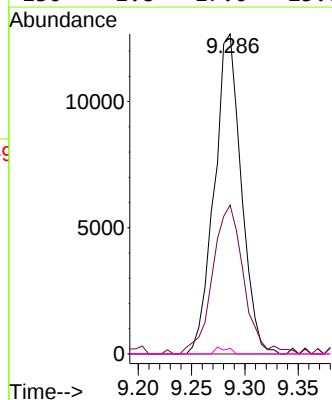
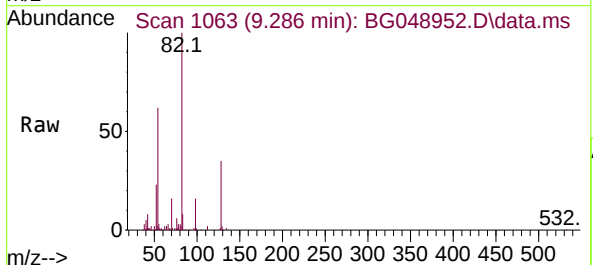
Instrument :
BNA_G
ClientSampleId :
DUP-01

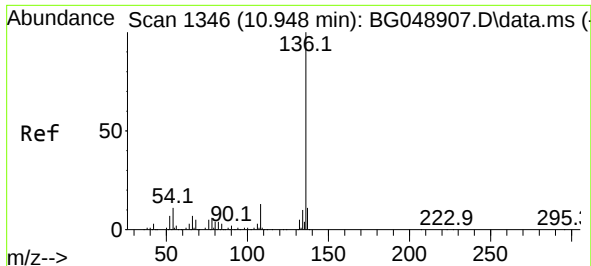
Tgt Ion: 99 Resp: 217206
Ion Ratio Lower Upper
99 100
42 24.6 20.5 30.7
71 45.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.18 ng
RT: 9.286 min Scan# 1063
Delta R.T. 0.347 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

Tgt Ion: 70 Resp: 22227
Ion Ratio Lower Upper
70 100
42 46.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

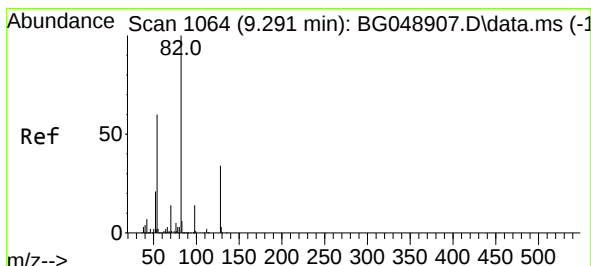
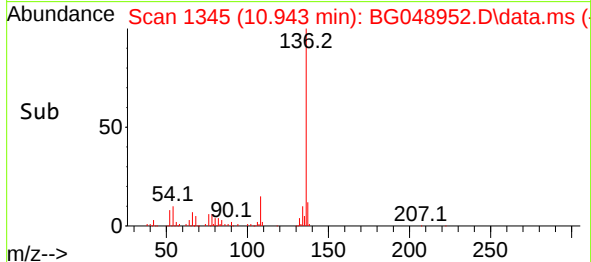
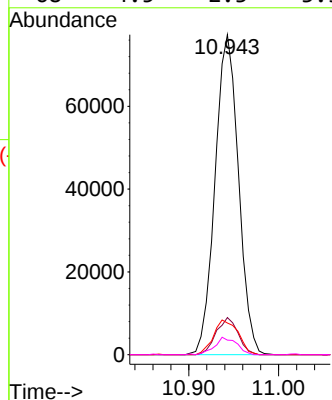
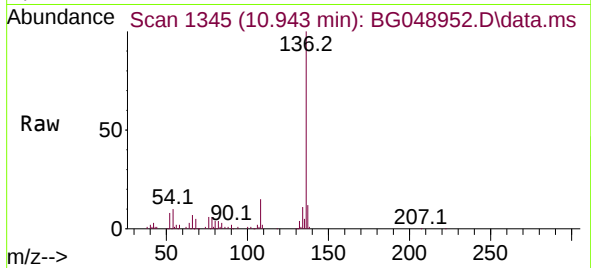




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.943 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

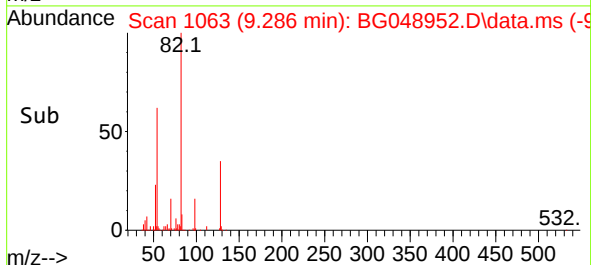
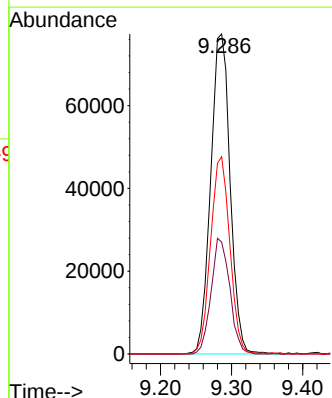
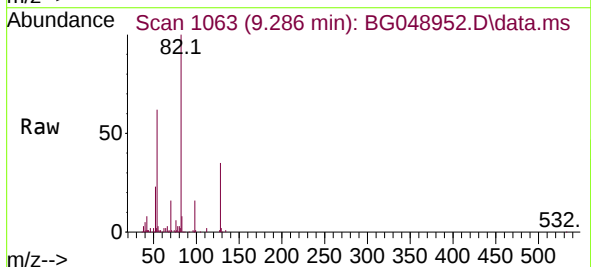
Instrument :
BNA_G
ClientSampleId :
DUP-01

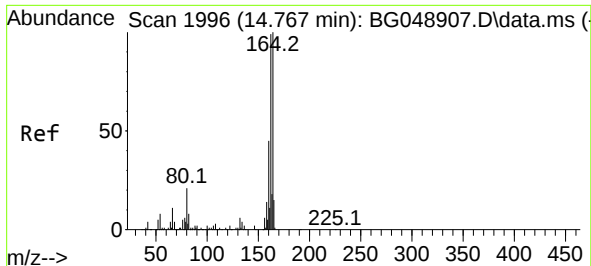
Tgt Ion:	136	Resp:	139904
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.2	12.2
54	9.9	5.5	8.3#
68	4.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 45.24 ng
RT: 9.286 min Scan# 1063
Delta R.T. -0.005 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

Tgt Ion:	82	Resp:	146774
Ion Ratio	Lower	Upper	
82	100		
128	35.0	29.8	44.6
54	61.7	45.8	68.8

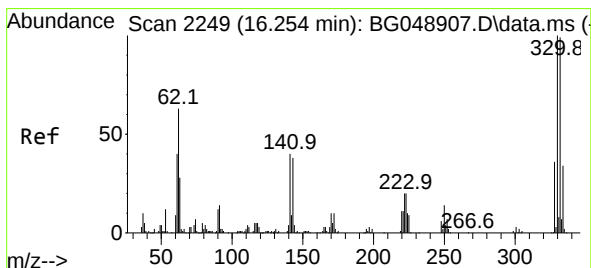
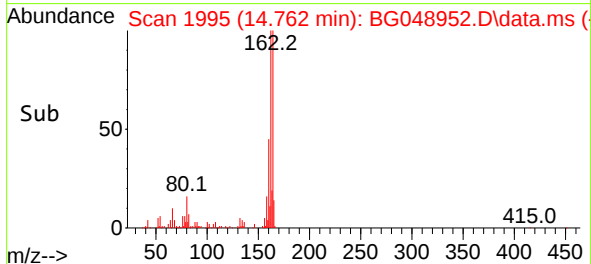
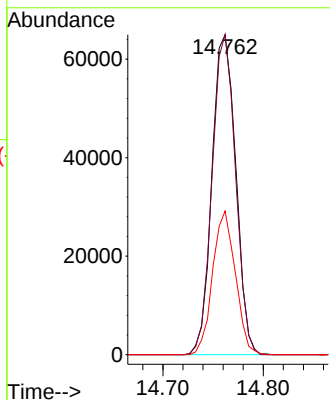
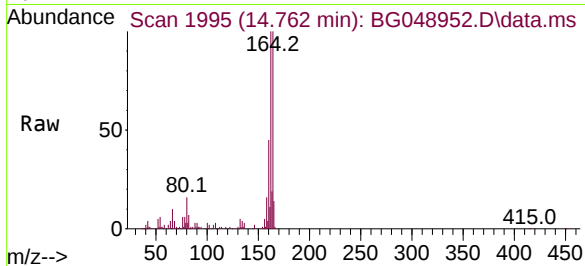




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

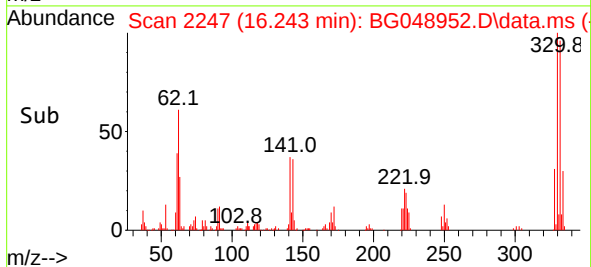
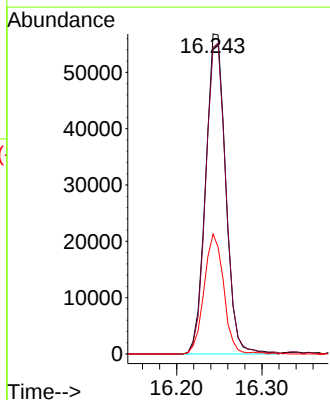
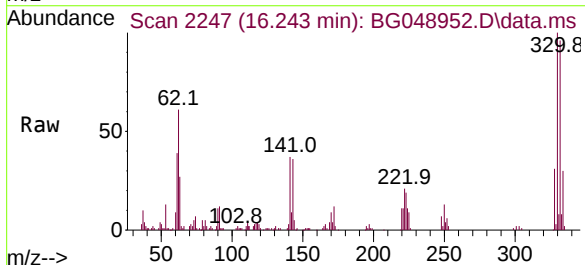
Instrument :
BNA_G
ClientSampleId :
DUP-01

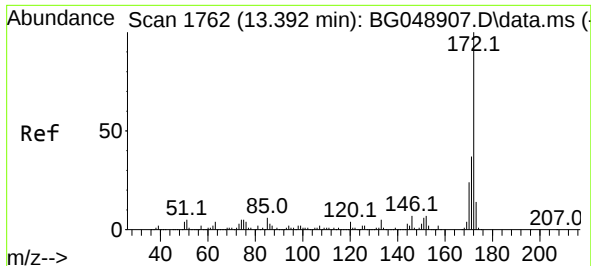
Tgt Ion:164 Resp: 106902
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 45.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 58.65 ng
RT: 16.243 min Scan# 2247
Delta R.T. -0.011 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

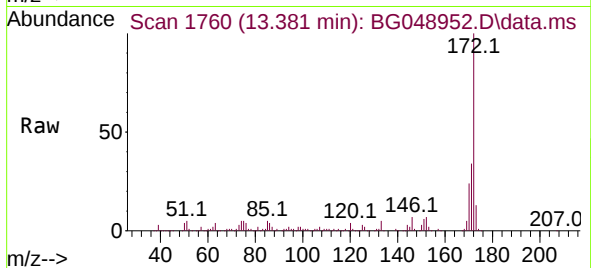
Tgt Ion:330 Resp: 92896
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 36.8 35.6 53.4



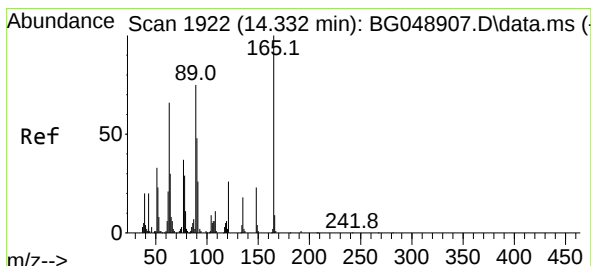
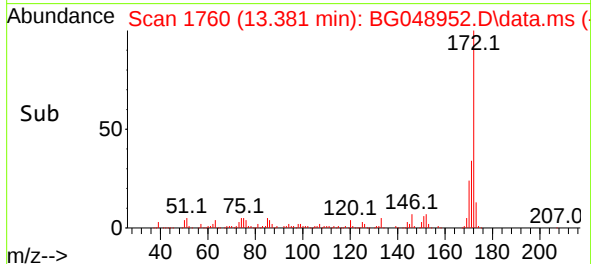
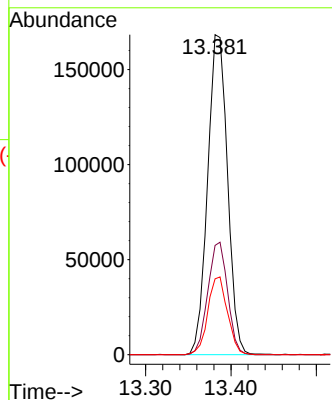


#45
2-Fluorobiphenyl
Concen: 36.04 ng
RT: 13.381 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

Instrument :
BNA_G
ClientSampleId :
DUP-01

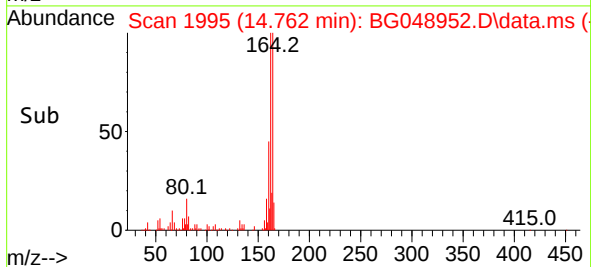
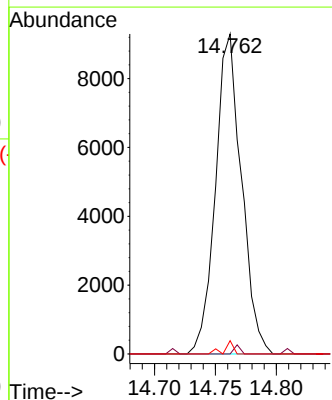
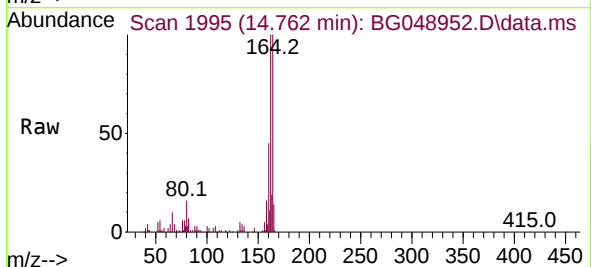


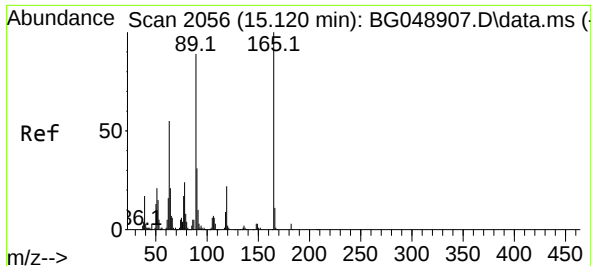
Tgt Ion:172 Resp: 272724
Ion Ratio Lower Upper
172 100
171 34.1 28.6 43.0
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 14.762 min Scan# 1995
Delta R.T. 0.429 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

Tgt Ion:165 Resp: 13780
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 4.1 63.4 95.0#

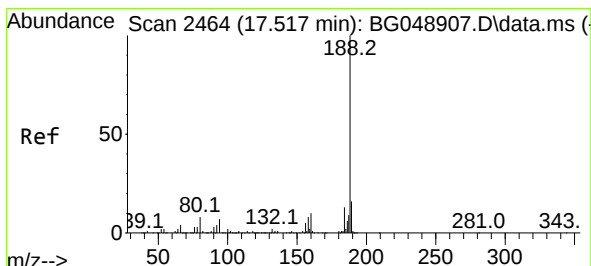
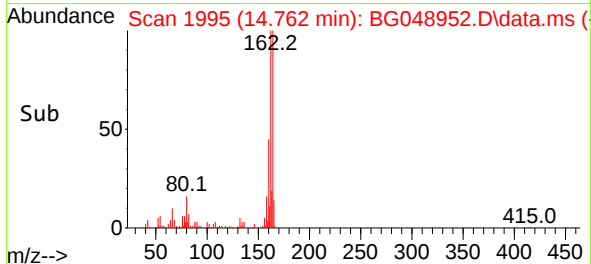
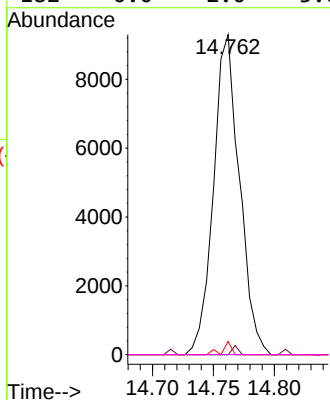
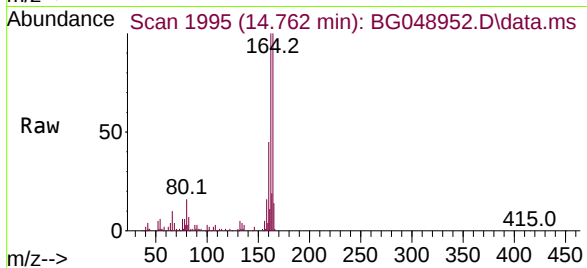




#57
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 14.762 min Scan# 1995
Delta R.T. -0.358 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

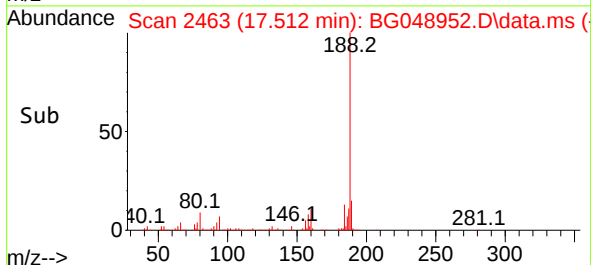
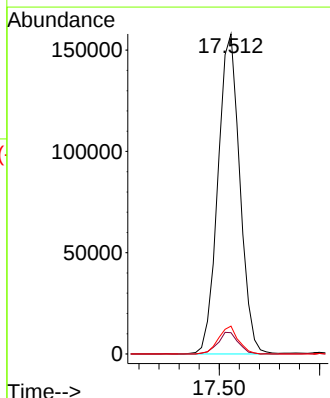
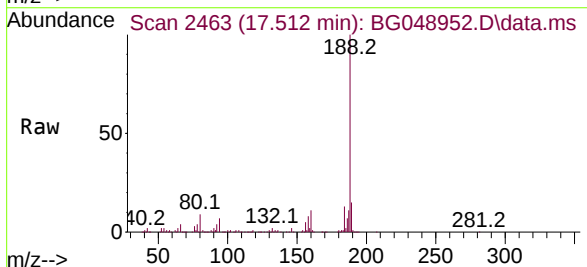
Instrument :
BNA_G
ClientSampleId :
DUP-01

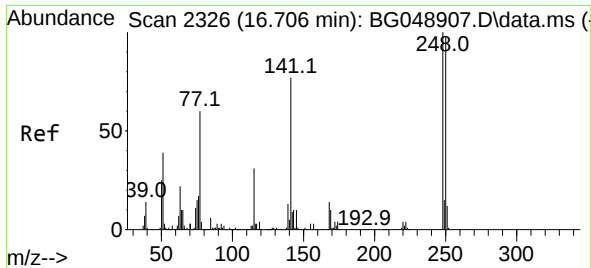
Tgt Ion:165 Resp: 13780
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 4.1 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.512 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

Tgt Ion:188 Resp: 239173
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 8.7 3.7 5.5#

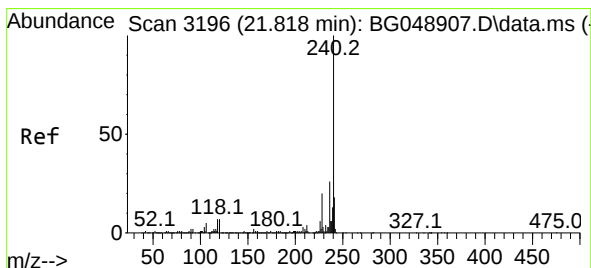
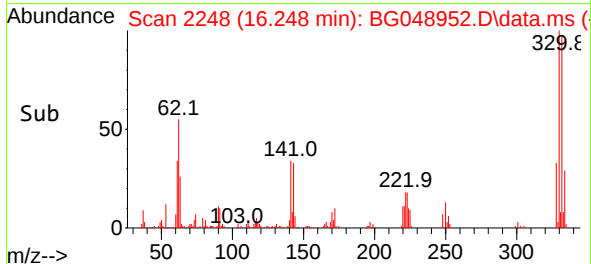
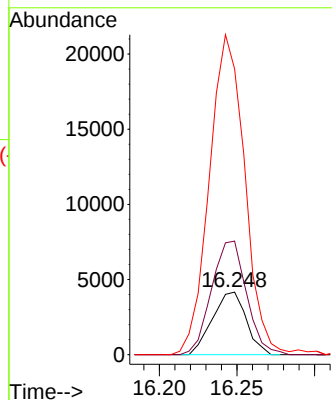
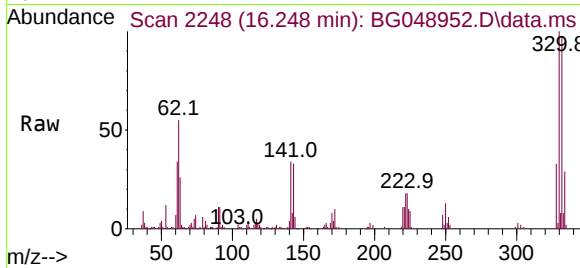




#67
4-Bromophenyl-phenylether
Concen: 2.11 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.458 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

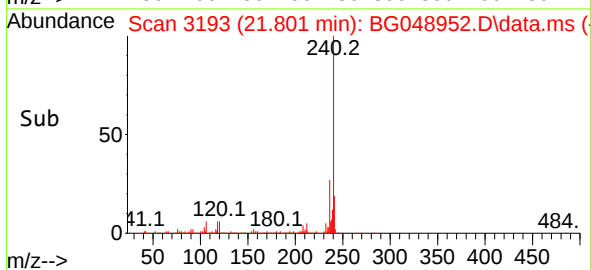
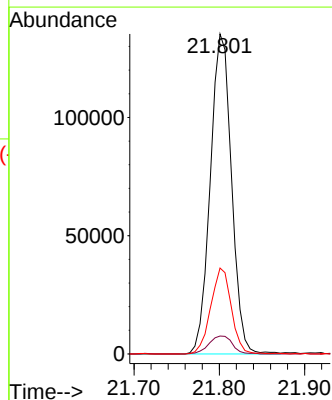
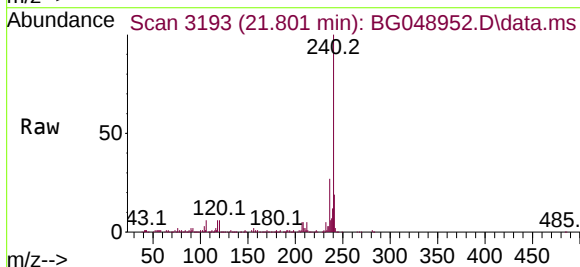
Instrument :
BNA_G
ClientSampled :
DUP-01

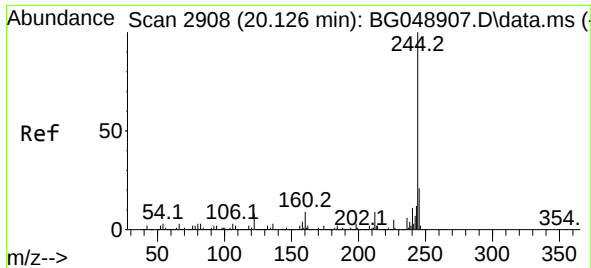
Tgt Ion:248 Resp: 6307
Ion Ratio Lower Upper
248 100
250 181.7 76.1 114.1#
141 456.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.801 min Scan# 3193
Delta R.T. -0.017 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

Tgt Ion:240 Resp: 234378
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 26.9 21.8 32.6

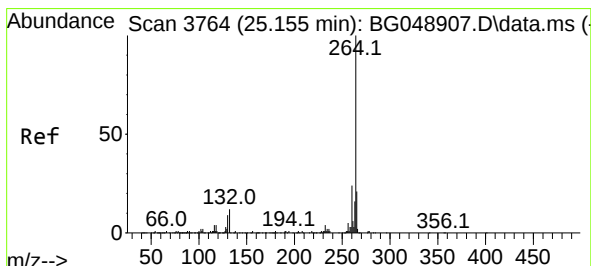
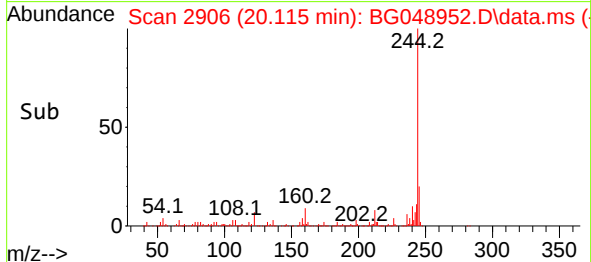
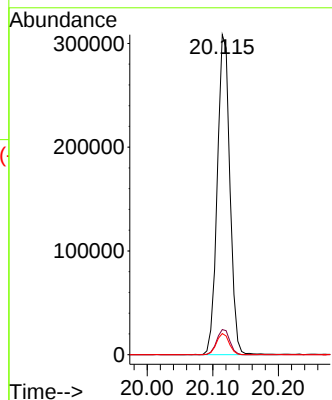
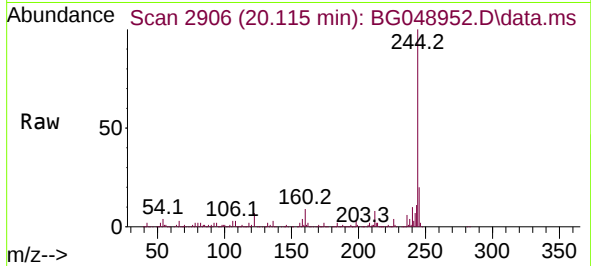




#79
Terphenyl-d14
Concen: 31.99 ng
RT: 20.115 min Scan# 2906
Delta R.T. -0.011 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tgt Ion:244 Resp: 409452
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 6.6 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.138 min Scan# 3761
Delta R.T. -0.017 min
Lab File: BG048952.D
Acq: 14 Jun 2021 16:47

Tgt Ion:264 Resp: 240406
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.7 16.9 25.3

