

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
 Data File : BG049061.D
 Acq On : 23 Jun 2021 14:44
 Operator : CG/JU
 Sample : M2748-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-9A

Quant Time: Jun 23 15:25:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

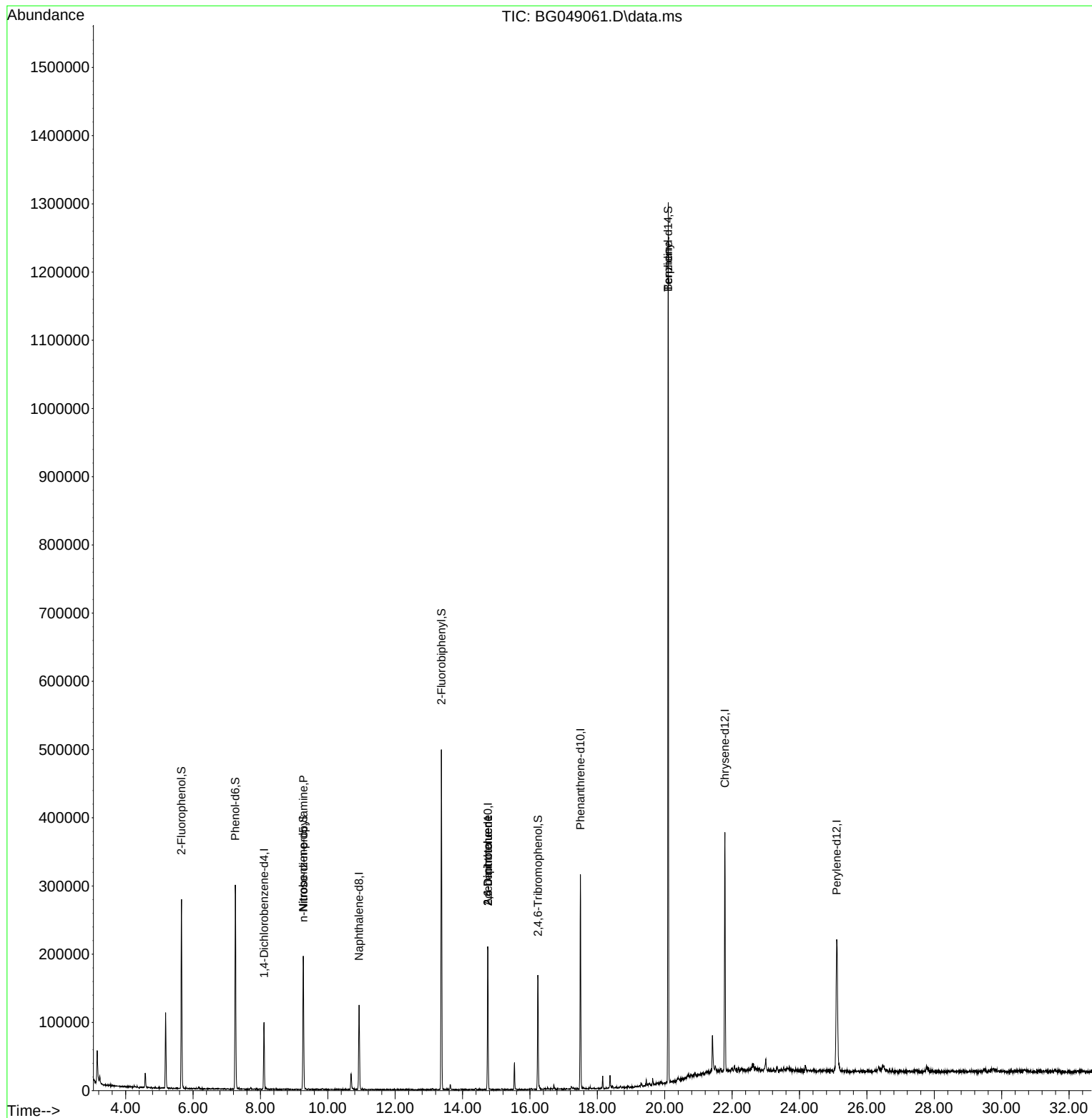
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	24485	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	101984	20.000	ng	#-0.01
39) Acenaphthene-d10	14.753	164	76099	20.000	ng	0.00
64) Phenanthrene-d10	17.497	188	202695	20.000	ng	#-0.01
76) Chrysene-d12	21.786	240	224484	20.000	ng	-0.01
86) Perylene-d12	25.106	264	234907	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	109197	69.424	ng	0.00
7) Phenol-d6	7.256	99	153529	65.124	ng	-0.01
23) Nitrobenzene-d5	9.271	82	118535	50.118	ng	-0.01
42) 2,4,6-Tribromophenol	16.239	330	37436	33.204	ng	0.00
45) 2-Fluorobiphenyl	13.372	172	257670	47.833	ng	-0.01
79) Terphenyl-d14	20.106	244	616735	50.315	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.277	70	17357	9.419	ng	# 72
51) 2,6-Dinitrotoluene	14.753	165	9311	7.713	ng	# 11
57) 2,4-Dinitrotoluene	14.753	165	9311	6.279	ng	# 17
77) Benzidine	20.106	184	10834	2.396	ng	# 84

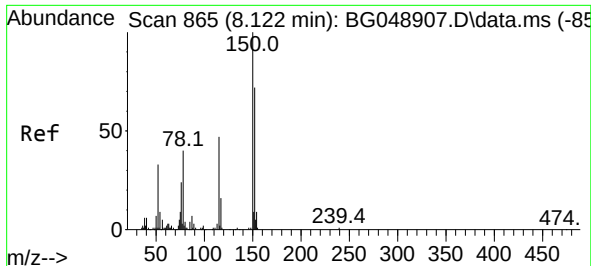
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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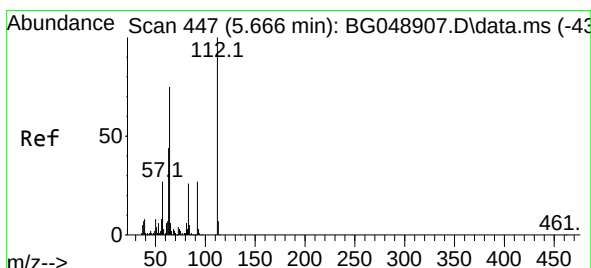
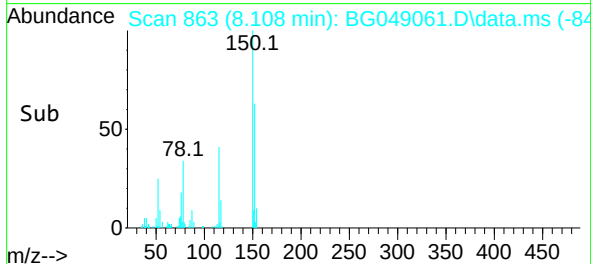
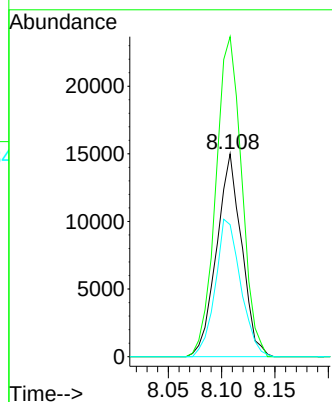
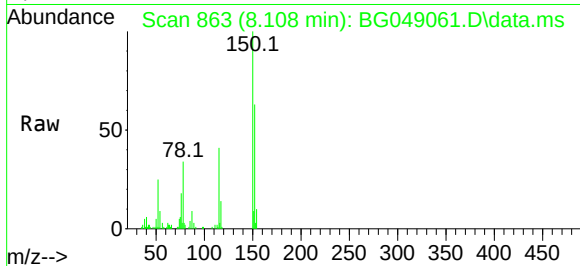




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 863
Delta R.T. -0.006 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

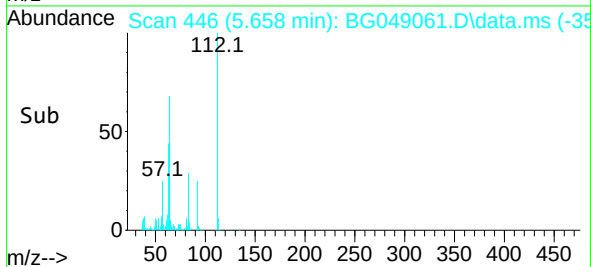
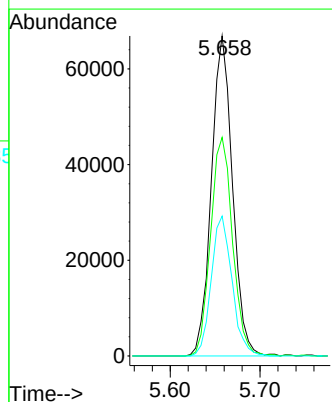
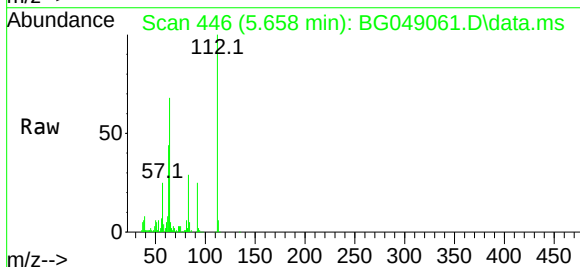
Instrument :
BNA_G
ClientSampled :
SB-9A

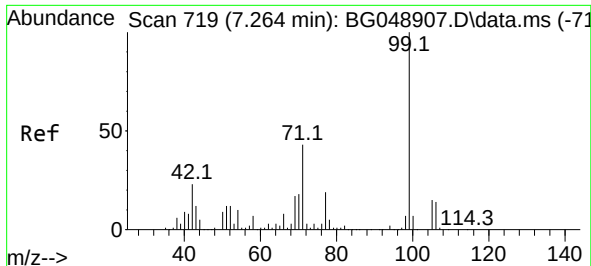
Tgt Ion:152 Resp: 24485
Ion Ratio Lower Upper
152 100
150 157.7 119.4 179.0
115 65.0 60.2 90.4



#5
2-Fluorophenol
Concen: 69.424 ng
RT: 5.658 min Scan# 446
Delta R.T. -0.006 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

Tgt Ion:112 Resp: 109197
Ion Ratio Lower Upper
112 100
64 68.3 46.7 70.1
63 43.7 35.3 52.9

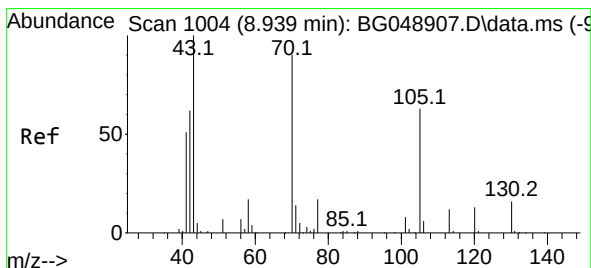
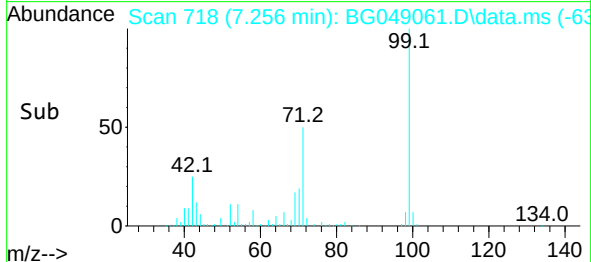
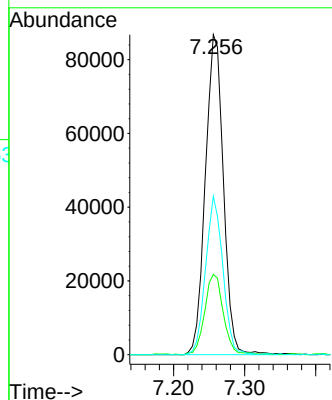
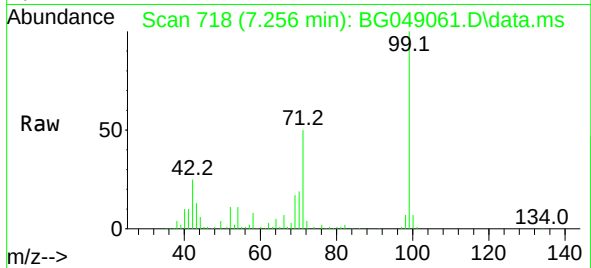




#7
Phenol-d6
Concen: 65.124 ng
RT: 7.256 min Scan# 718
Delta R.T. -0.012 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

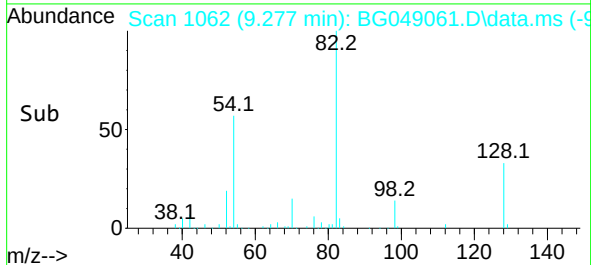
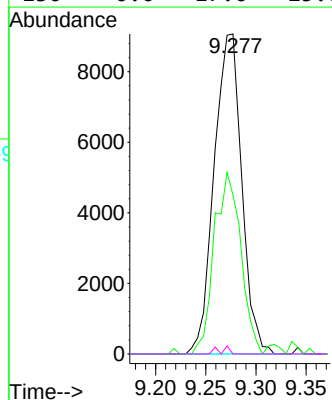
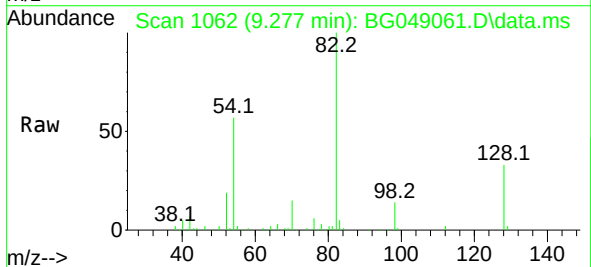
Instrument :
BNA_G
ClientSampled :
SB-9A

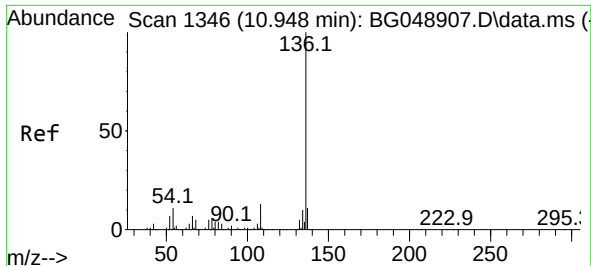
Tgt Ion: 99 Resp: 153529
Ion Ratio Lower Upper
99 100
42 25.1 20.5 30.7
71 49.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.419 ng
RT: 9.277 min Scan# 1062
Delta R.T. 0.353 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

Tgt Ion: 70 Resp: 17357
Ion Ratio Lower Upper
70 100
42 49.6 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

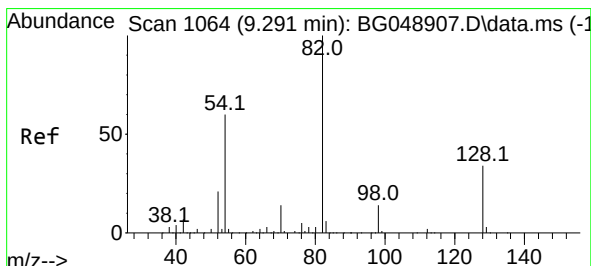
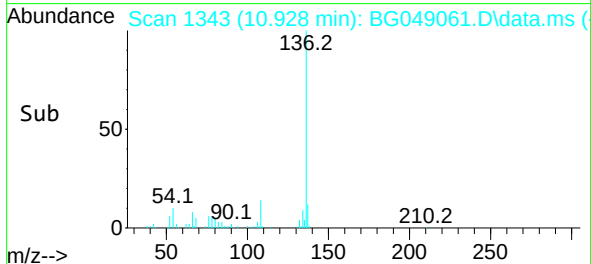
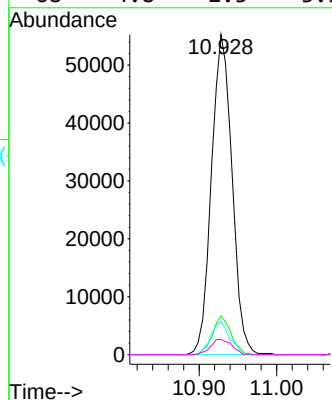
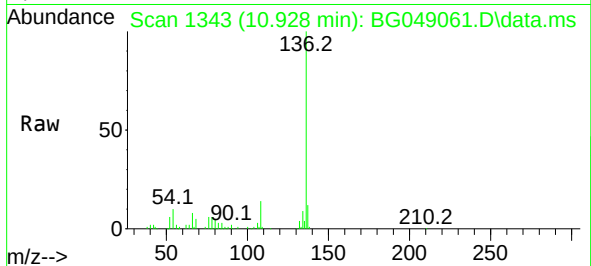




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

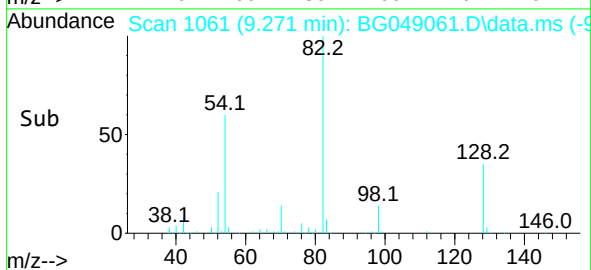
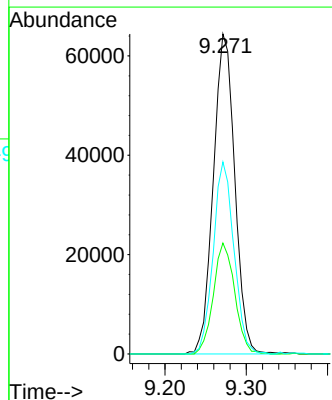
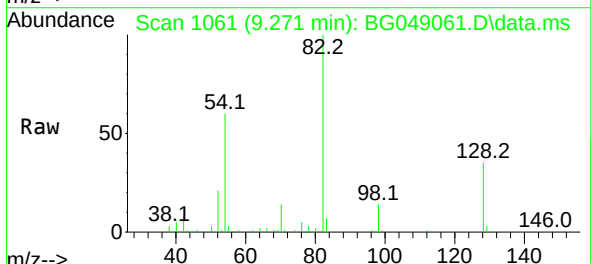
Instrument :
BNA_G
ClientSampleId :
SB-9A

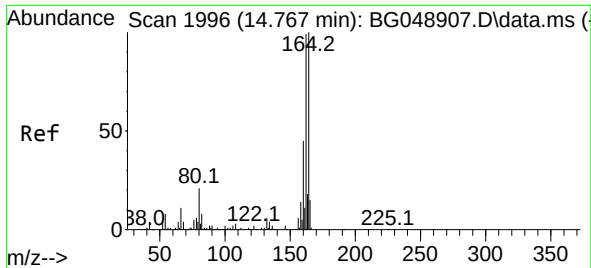
Tgt Ion:	136	Resp:	101984
Ion Ratio	Lower	Upper	
136	100		
137	12.1	8.2	12.2
54	10.4	5.5	8.3#
68	4.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 50.118 ng
RT: 9.271 min Scan# 1061
Delta R.T. -0.012 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

Tgt Ion:	82	Resp:	118535
Ion Ratio	Lower	Upper	
82	100		
128	34.7	29.8	44.6
54	60.0	45.8	68.8

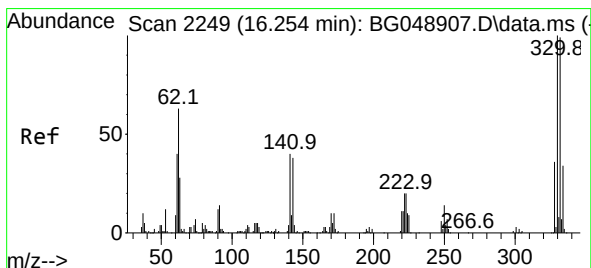
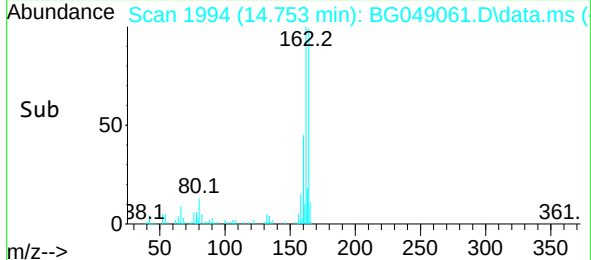
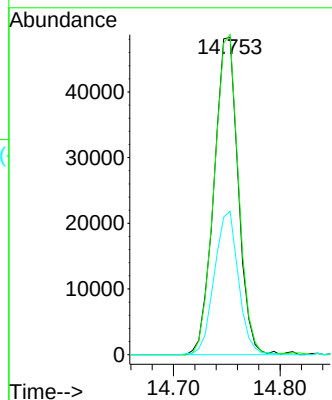
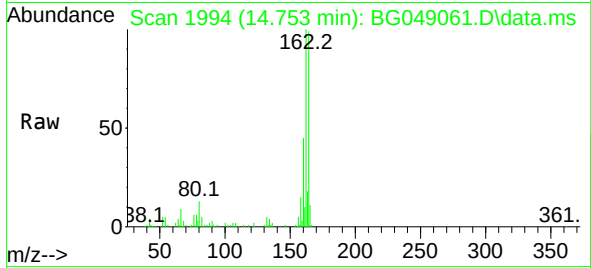




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.753 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

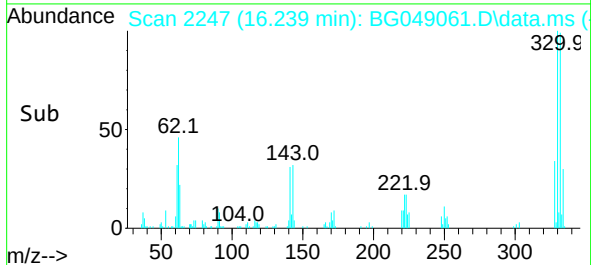
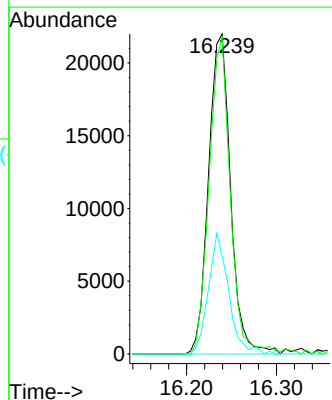
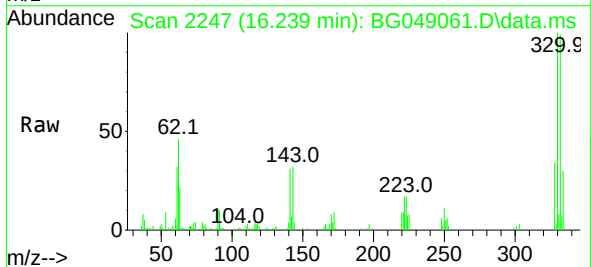
Instrument :
BNA_G
ClientSampleId :
SB-9A

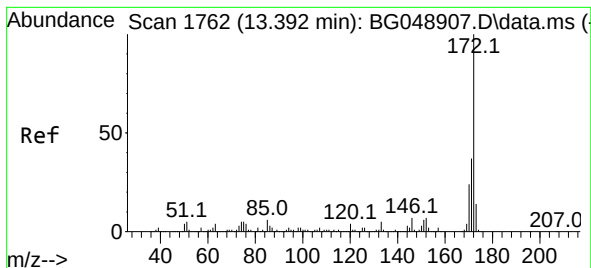
Tgt Ion:164 Resp: 76099
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 45.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 33.204 ng
RT: 16.239 min Scan# 2247
Delta R.T. -0.006 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

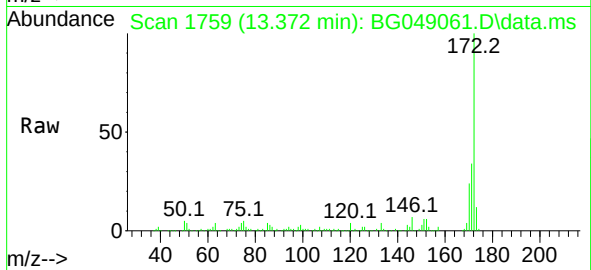
Tgt Ion:330 Resp: 37436
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 34.7 35.6 53.4#



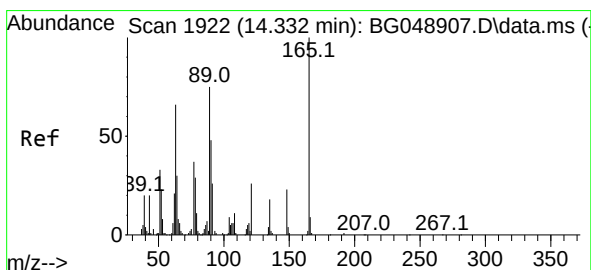
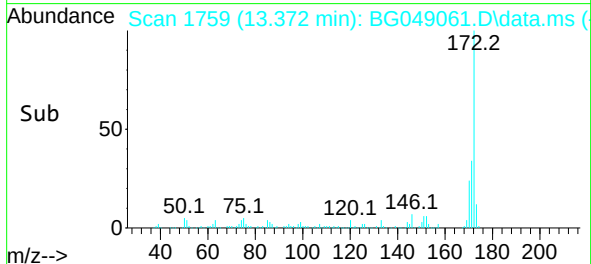
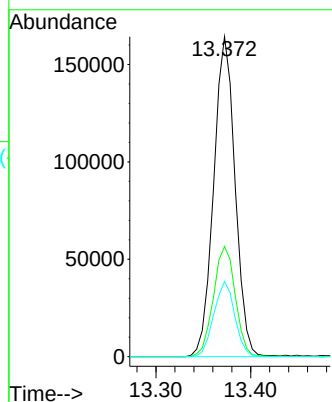


#45
2-Fluorobiphenyl
Concen: 47.833 ng
RT: 13.372 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

Instrument :
BNA_G
ClientSampled :
SB-9A

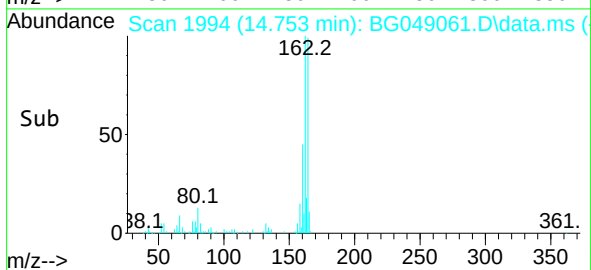
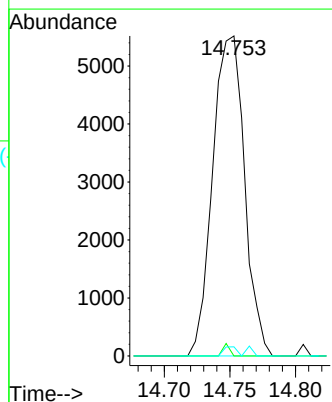
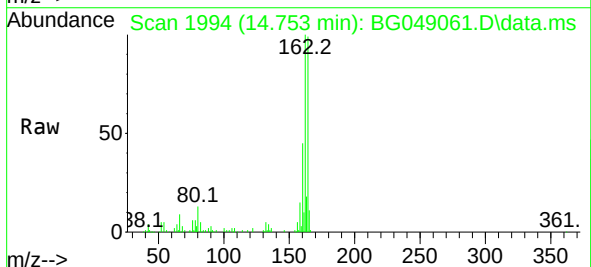


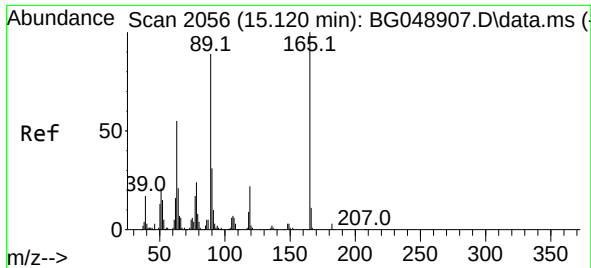
Tgt Ion:172 Resp: 257670
Ion Ratio Lower Upper
172 100
171 34.4 28.6 43.0
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.713 ng
RT: 14.753 min Scan# 1994
Delta R.T. 0.429 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

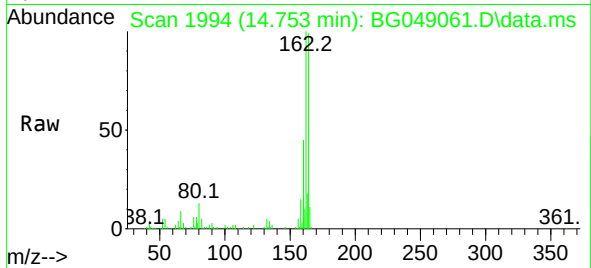
Tgt Ion:165 Resp: 9311
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.8 63.4 95.0#



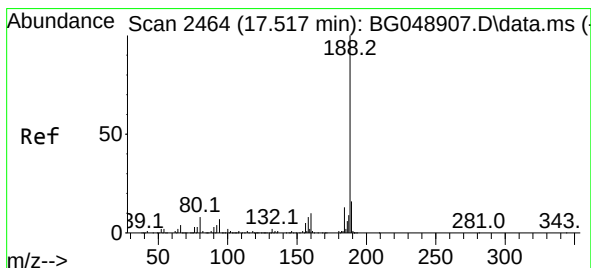
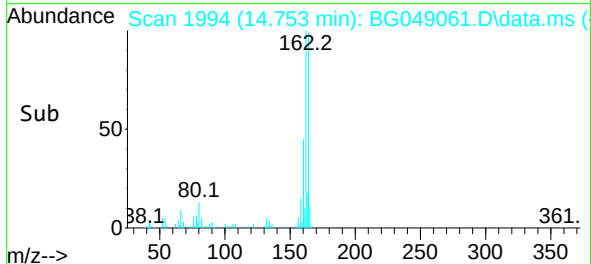
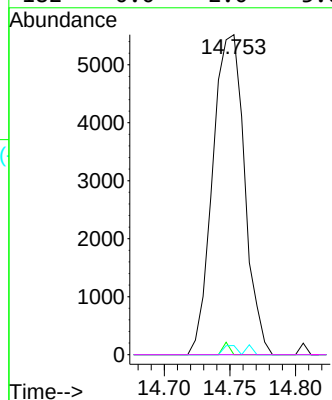


#57
2,4-Dinitrotoluene
Concen: 6.279 ng
RT: 14.753 min Scan# 1994
Delta R.T. -0.358 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

Instrument :
BNA_G
ClientSampled :
SB-9A

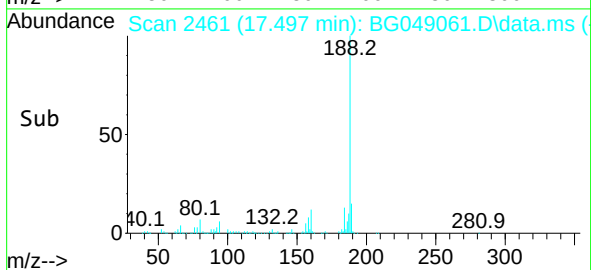
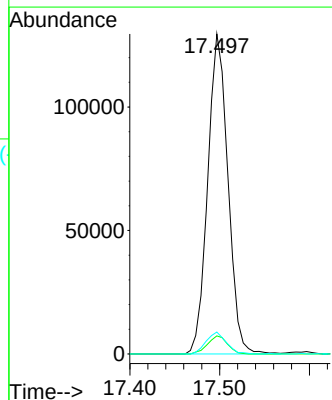
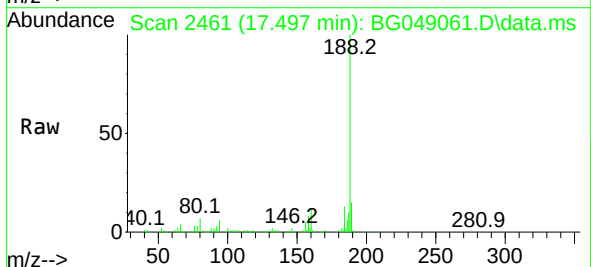


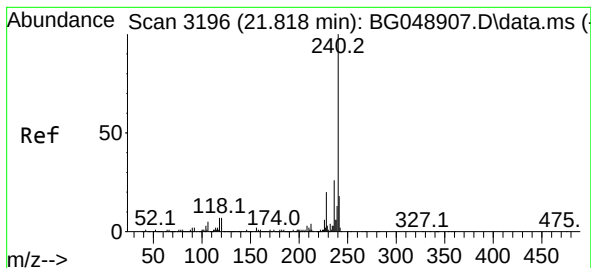
Tgt Ion:165 Resp: 9311
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.8 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.497 min Scan# 2461
Delta R.T. -0.012 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

Tgt Ion:188 Resp: 202695
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 6.8 3.7 5.5#

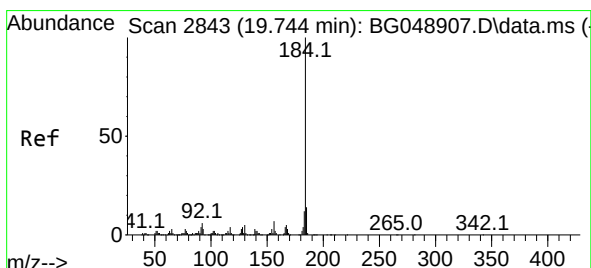
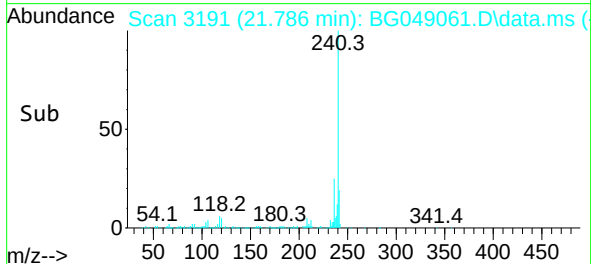
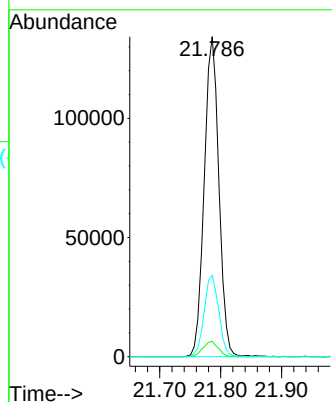
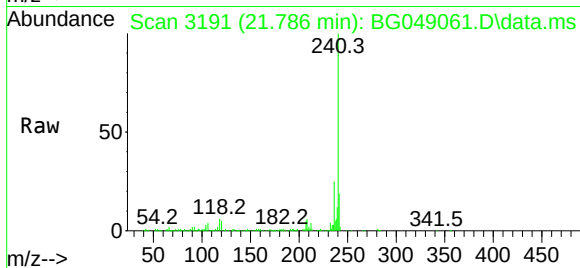




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.786 min Scan# 3191
Delta R.T. -0.012 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

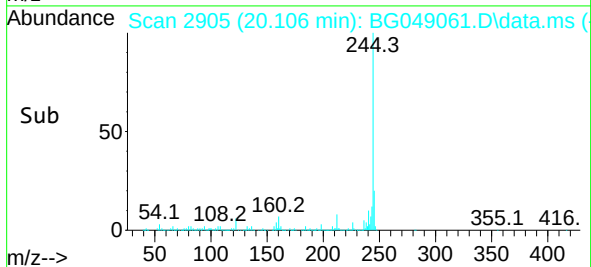
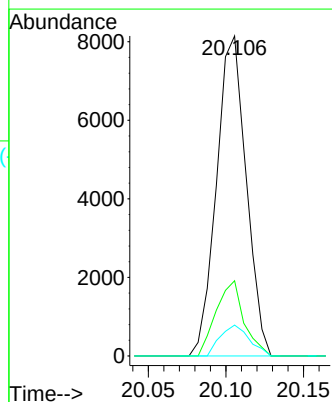
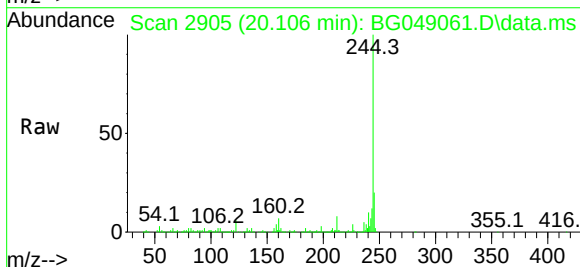
Instrument :
BNA_G
ClientSampled :
SB-9A

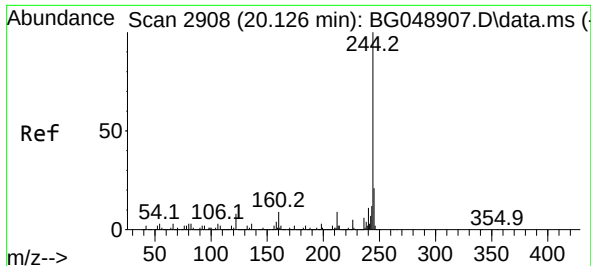
Tgt Ion:240 Resp: 224484
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 25.4 21.8 32.6



#77
Benzidine
Concen: 2.396 ng
RT: 20.106 min Scan# 2905
Delta R.T. 0.376 min
Lab File: BG049061.D
Acq: 23 Jun 2021 14:44

Tgt Ion:184 Resp: 10834
Ion Ratio Lower Upper
184 100
185 23.5 10.7 16.1#
183 9.7 9.4 14.0

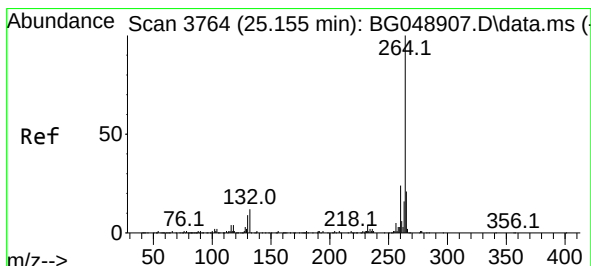
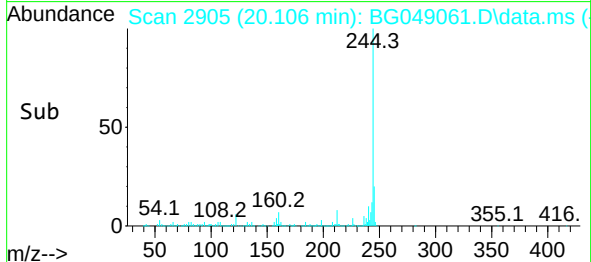
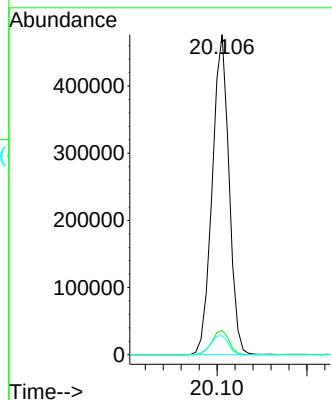
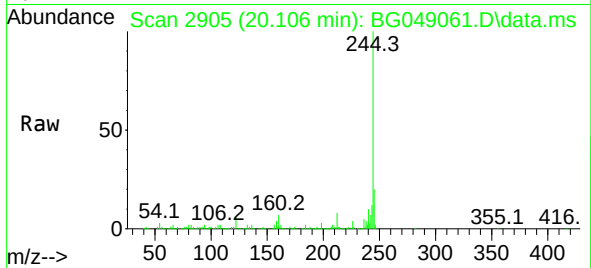




#79
 Terphenyl-d14
 Concen: 50.315 ng
 RT: 20.106 min Scan# 2905
 Delta R.T. -0.006 min
 Lab File: BG049061.D
 Acq: 23 Jun 2021 14:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-9A

Tgt Ion:244 Resp: 616735
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.9 10.3
 122 6.0 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.106 min Scan# 3756
 Delta R.T. -0.023 min
 Lab File: BG049061.D
 Acq: 23 Jun 2021 14:44

Tgt Ion:264 Resp: 234907
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 22.9 16.9 25.3

