

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
 Data File : BG049060.D
 Acq On : 23 Jun 2021 14:03
 Operator : CG/JU
 Sample : M2748-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5A

Quant Time: Jun 23 14:48:24 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)

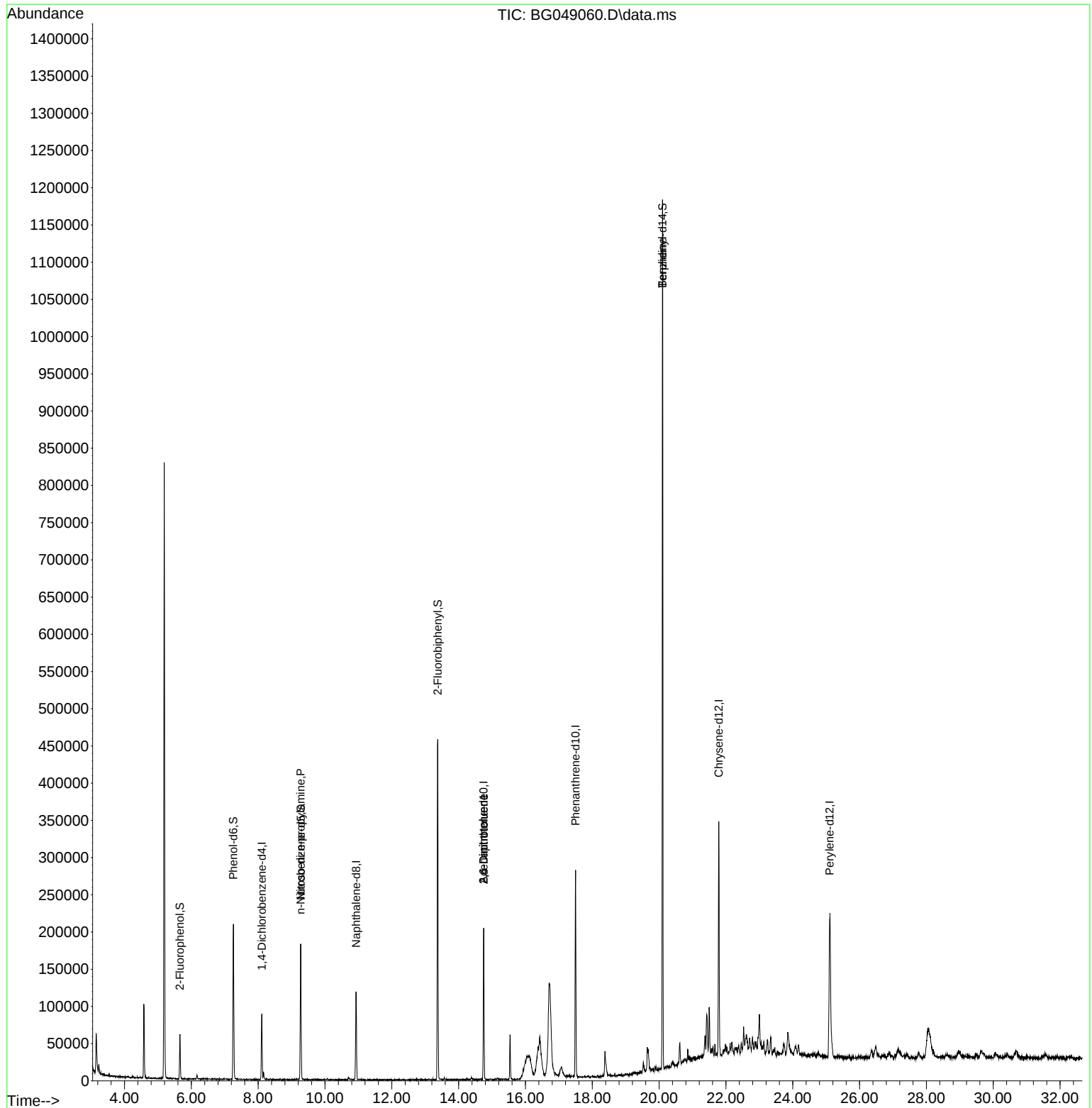
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	23343	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	96507	20.000	ng	# 0.00
39) Acenaphthene-d10	14.750	164	73476	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	186114	20.000	ng	# 0.00
76) Chrysene-d12	21.789	240	205160	20.000	ng	0.00
86) Perylene-d12	25.103	264	221070	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	23403	15.607	ng	0.00
7) Phenol-d6	7.259	99	104683	46.577	ng	0.00
23) Nitrobenzene-d5	9.274	82	107387	47.981	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	381	0.350	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	241973	46.522	ng	0.00
79) Terphenyl-d14	20.103	244	559990	49.989	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.268	70	16595	9.446	ng	# 66
51) 2,6-Dinitrotoluene	14.750	165	9866	8.465	ng	# 12
57) 2,4-Dinitrotoluene	14.750	165	9866	6.891	ng	# 17
77) Benzidine	20.103	184	10446	2.527	ng	# 87

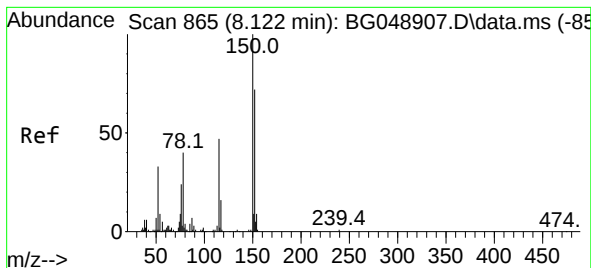
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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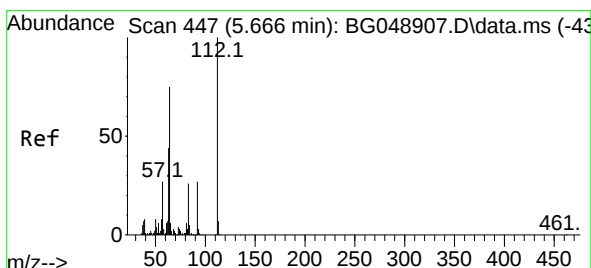
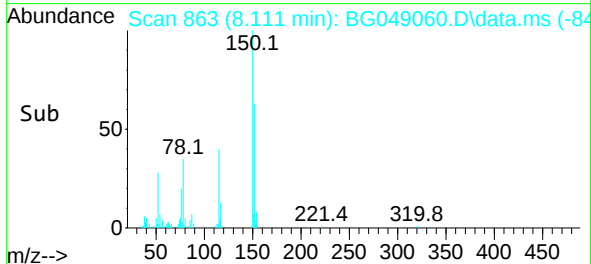
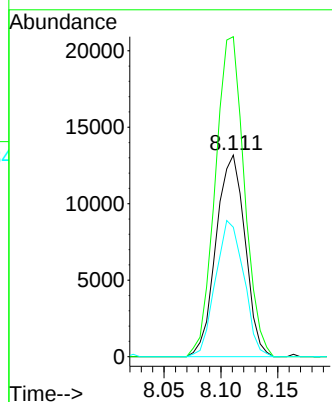
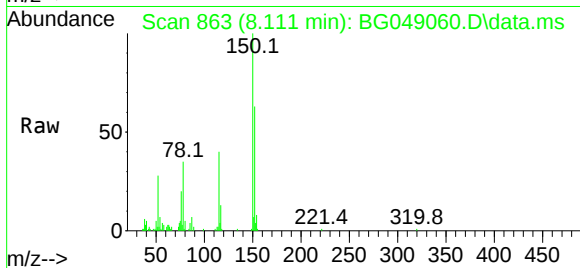




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG049060.D
Acq: 23 Jun 2021 14:03

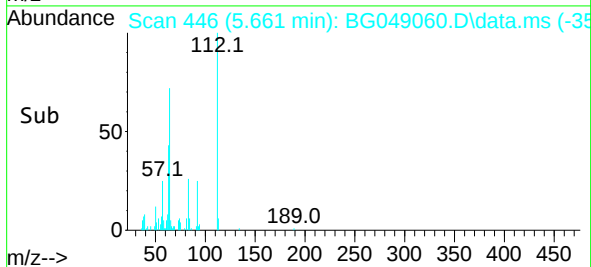
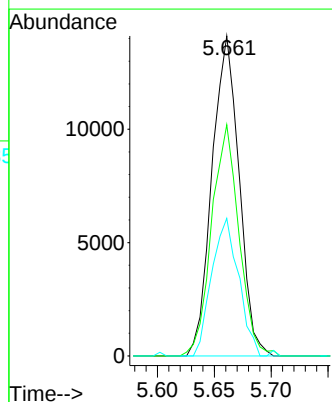
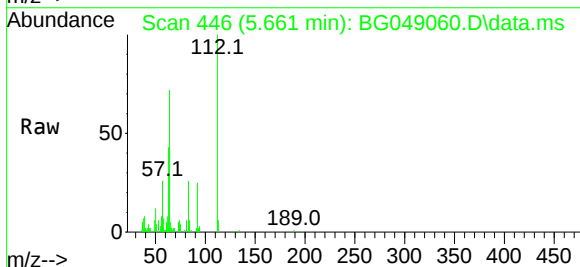
Instrument :
BNA_G
ClientSampleId :
SB-5A

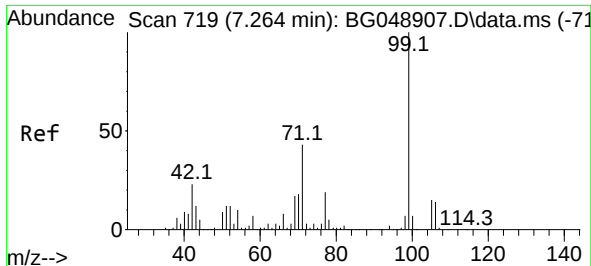
Tgt Ion:152 Resp: 23343
Ion Ratio Lower Upper
152 100
150 158.7 119.4 179.0
115 64.2 60.2 90.4



#5
2-Fluorophenol
Concen: 15.607 ng
RT: 5.661 min Scan# 446
Delta R.T. -0.003 min
Lab File: BG049060.D
Acq: 23 Jun 2021 14:03

Tgt Ion:112 Resp: 23403
Ion Ratio Lower Upper
112 100
64 72.3 46.7 70.1#
63 43.0 35.3 52.9

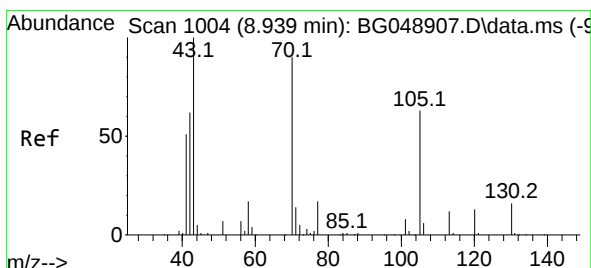
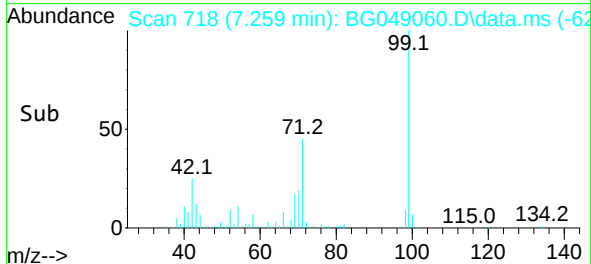
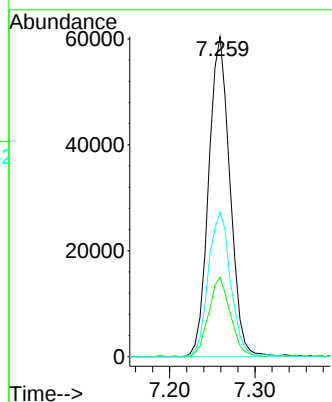
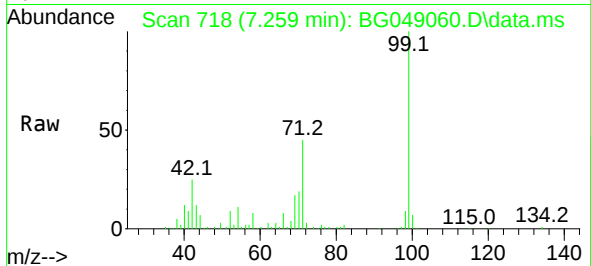




#7
Phenol-d6
Concen: 46.577 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.008 min
Lab File: BG049060.D
Acq: 23 Jun 2021 14:03

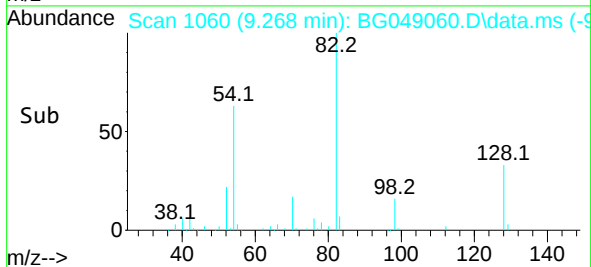
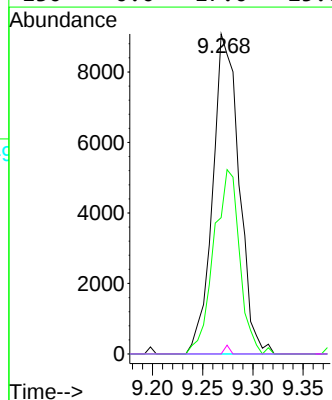
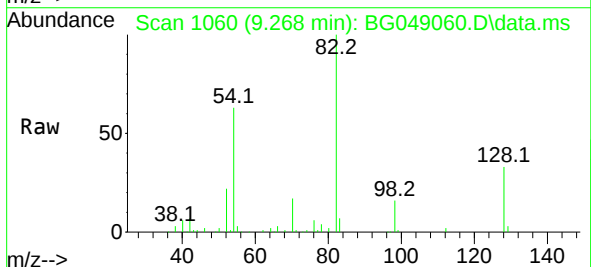
Instrument :
BNA_G
ClientSampled :
SB-5A

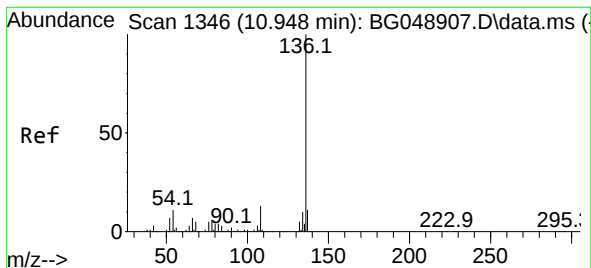
Tgt Ion: 99 Resp: 104683
Ion Ratio Lower Upper
99 100
42 24.8 20.5 30.7
71 45.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.446 ng
RT: 9.268 min Scan# 1060
Delta R.T. 0.344 min
Lab File: BG049060.D
Acq: 23 Jun 2021 14:03

Tgt Ion: 70 Resp: 16595
Ion Ratio Lower Upper
70 100
42 42.6 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

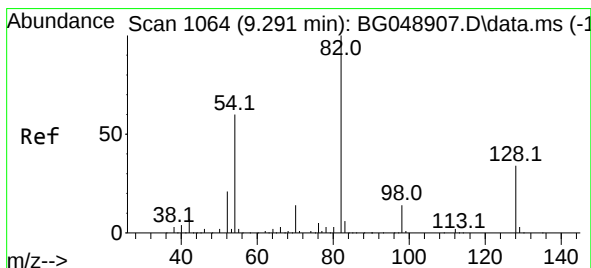
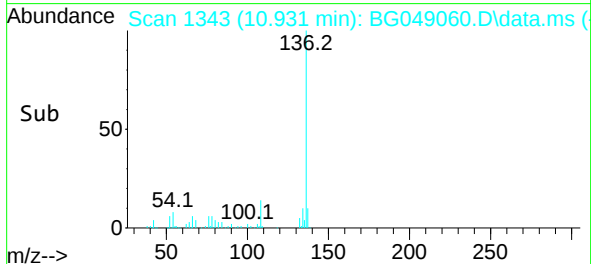
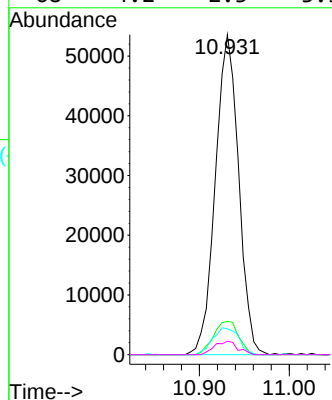
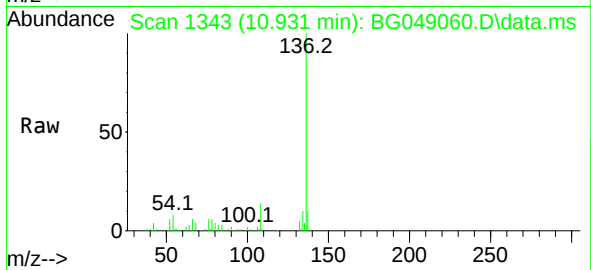




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG049060.D
Acq: 23 Jun 2021 14:03

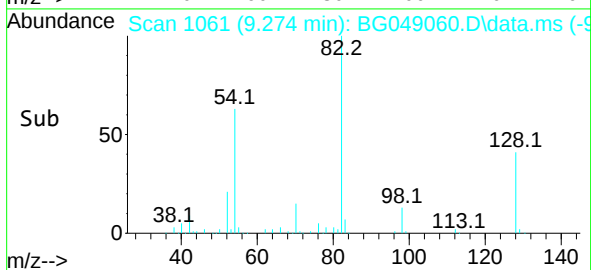
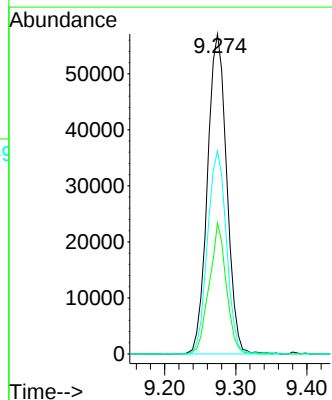
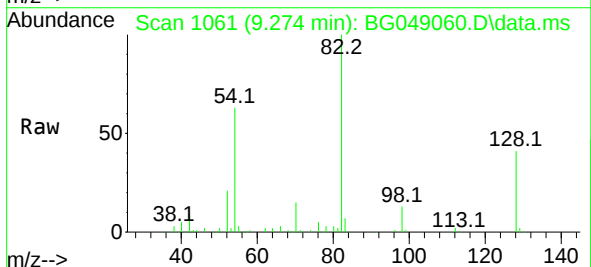
Instrument :
BNA_G
ClientSampled :
SB-5A

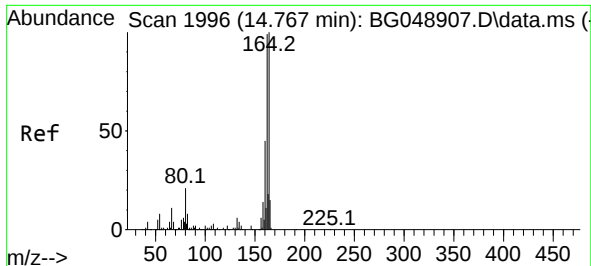
Tgt Ion:	136	Resp:	96507
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.2	12.2
54	8.1	5.5	8.3
68	4.2	2.3	3.5



#23
Nitrobenzene-d5
Concen: 47.981 ng
RT: 9.274 min Scan# 1061
Delta R.T. -0.008 min
Lab File: BG049060.D
Acq: 23 Jun 2021 14:03

Tgt Ion:	82	Resp:	107387
Ion Ratio	Lower	Upper	
82	100		
128	40.9	29.8	44.6
54	63.4	45.8	68.8

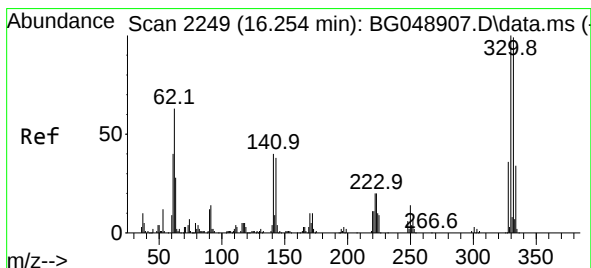
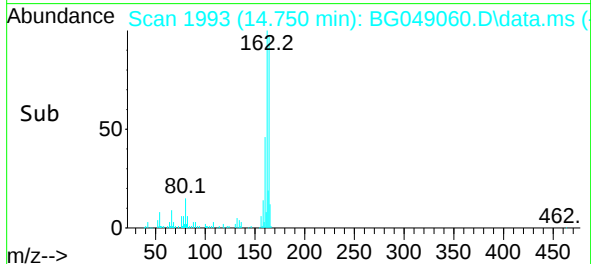
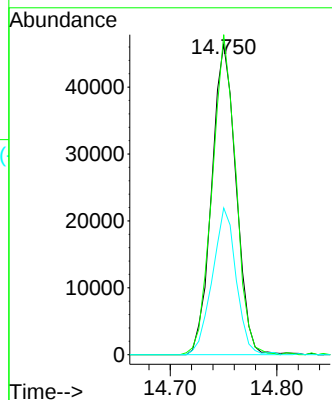
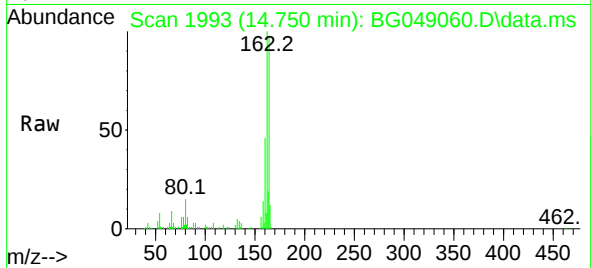




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.008 min
Lab File: BG049060.D
Acq: 23 Jun 2021 14:03

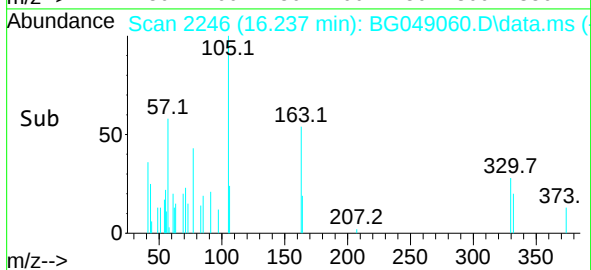
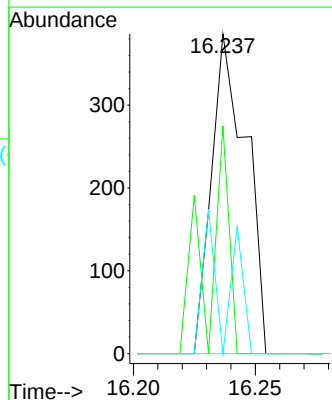
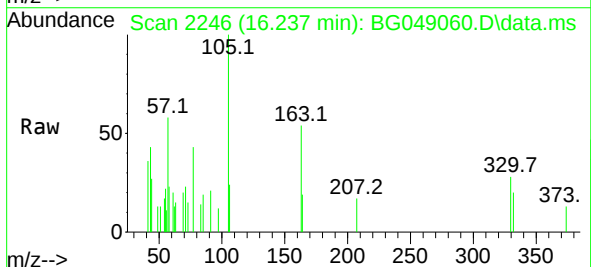
Instrument :
BNA_G
ClientSampled :
SB-5A

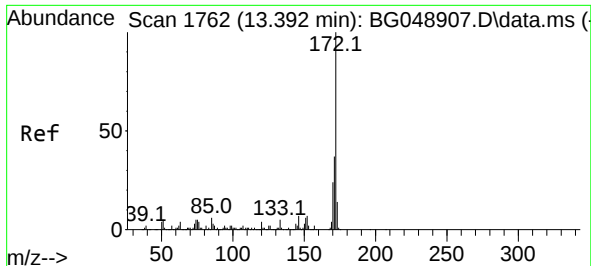
Tgt Ion:164 Resp: 73476
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.0
160 47.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 16.237 min Scan# 2246
Delta R.T. -0.009 min
Lab File: BG049060.D
Acq: 23 Jun 2021 14:03

Tgt Ion:330 Resp: 381
Ion Ratio Lower Upper
330 100
332 17.6 77.3 115.9#
141 30.2 35.6 53.4#

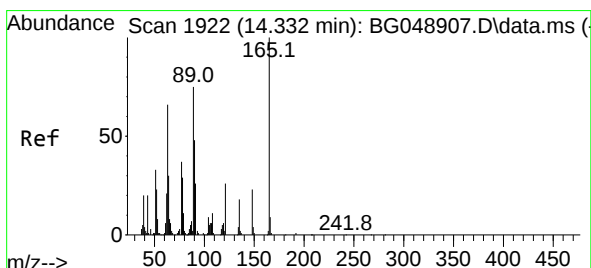
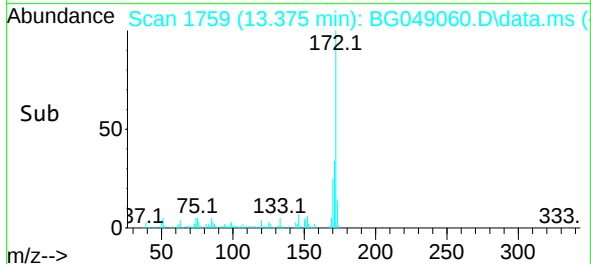
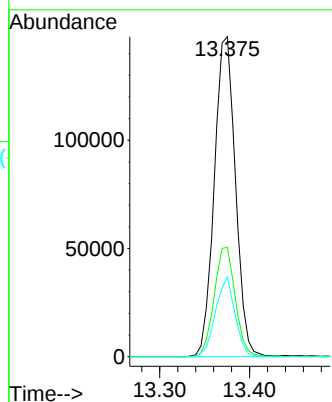
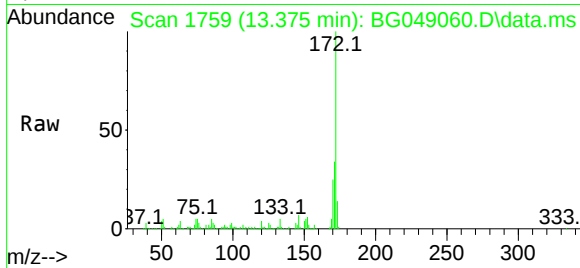




#45
2-Fluorobiphenyl
Concen: 46.522 ng
RT: 13.375 min Scan# 1759
Delta R.T. -0.008 min
Lab File: BG049060.D
Acq: 23 Jun 2021 14:03

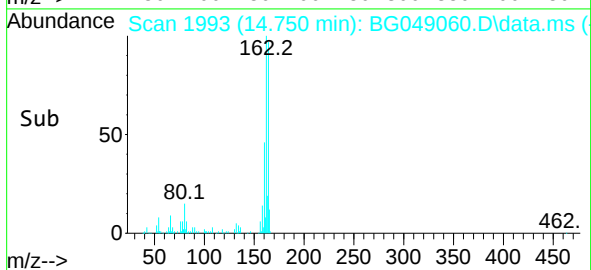
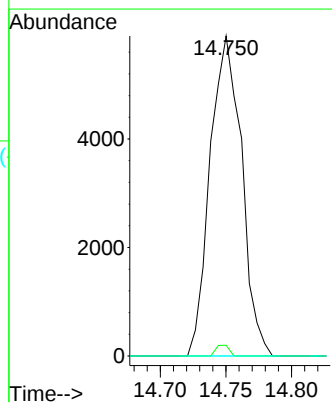
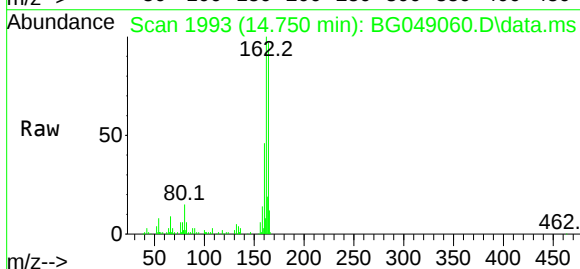
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ClientSampleId :
SB-5A

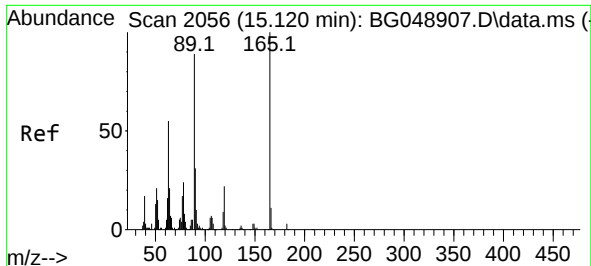
Tgt Ion:172 Resp: 241973
Ion Ratio Lower Upper
172 100
171 34.1 28.6 43.0
170 25.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.465 ng
RT: 14.750 min Scan# 1993
Delta R.T. 0.426 min
Lab File: BG049060.D
Acq: 23 Jun 2021 14:03

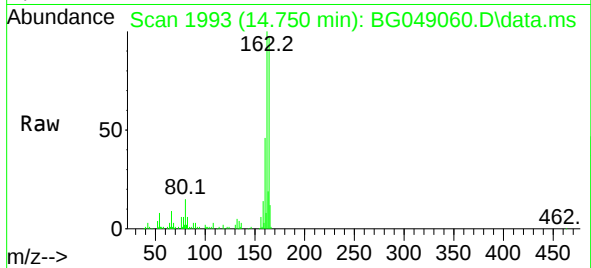
Tgt Ion:165 Resp: 9866
Ion Ratio Lower Upper
165 100
63 3.4 63.3 94.9#
89 0.0 63.4 95.0#



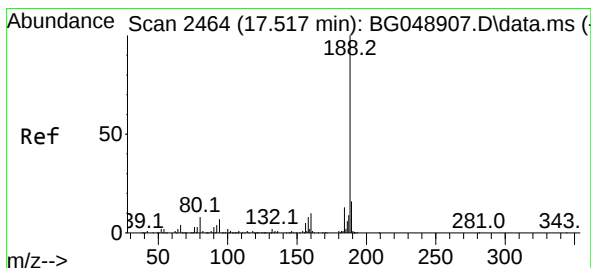
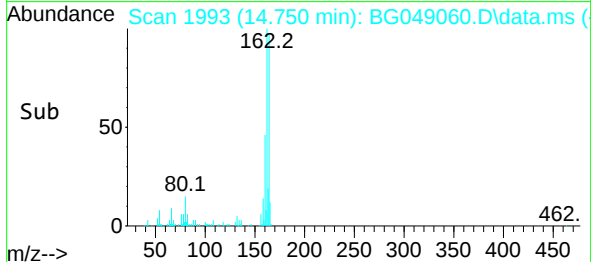
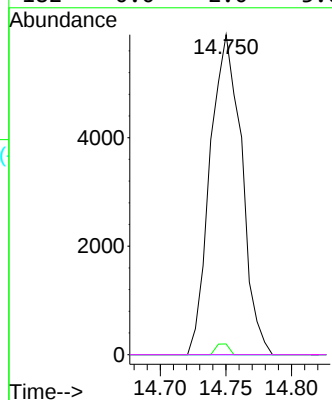


#57
2,4-Dinitrotoluene
Concen: 6.891 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.361 min
Lab File: BG049060.D
Acq: 23 Jun 2021 14:03

Instrument :
BNA_G
ClientSampled :
SB-5A

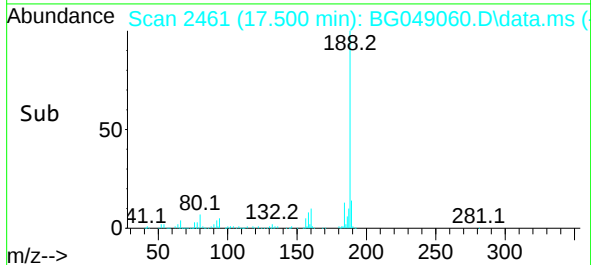
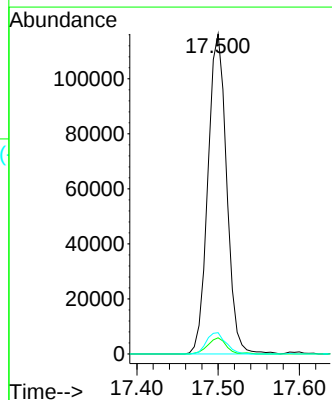
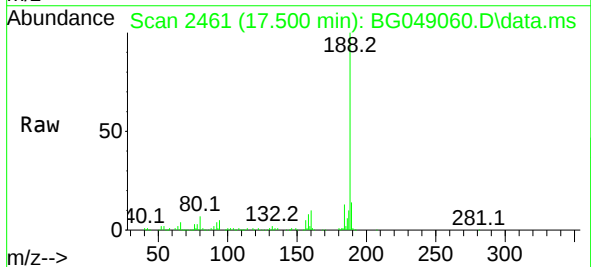


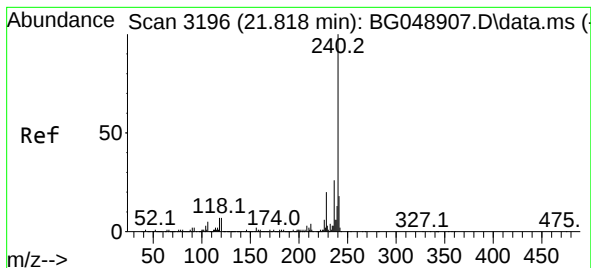
Tgt Ion:165 Resp: 9866
Ion Ratio Lower Upper
165 100
63 3.4 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BG049060.D
Acq: 23 Jun 2021 14:03

Tgt Ion:188 Resp: 186114
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.6 3.7 5.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.789 min Scan# 3191

Delta R.T. -0.008 min

Lab File: BG049060.D

Acq: 23 Jun 2021 14:03

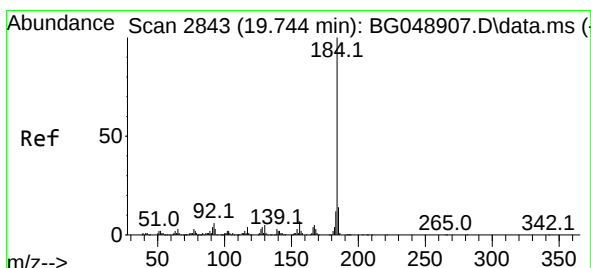
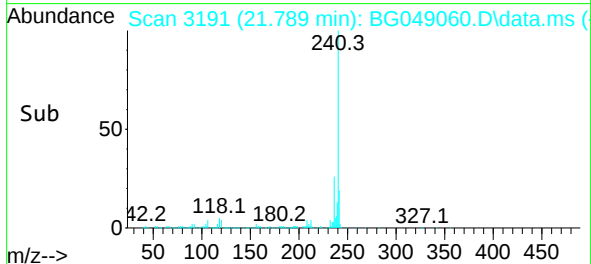
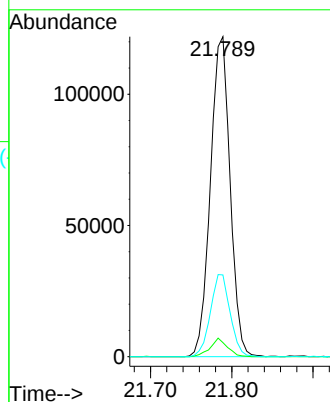
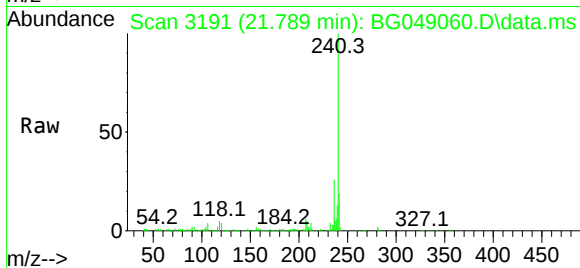
Instrument :

BNA_G

ClientSampled :

SB-5A

Tgt Ion:240	Resp:	205160
Ion Ratio	Lower	Upper
240	100	
120	4.4	4.2 6.2
236	25.6	21.8 32.6



#77

Benzidine

Concen: 2.527 ng

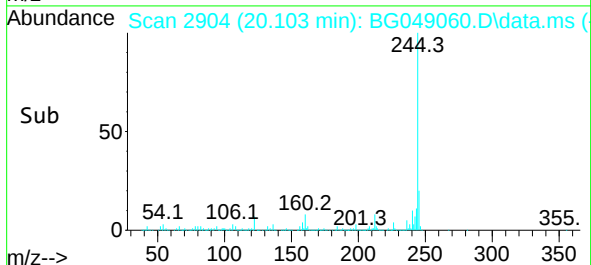
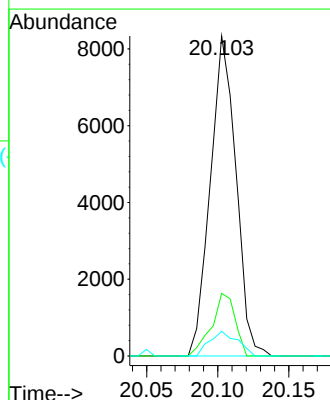
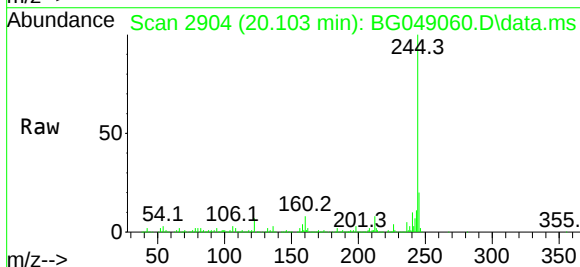
RT: 20.103 min Scan# 2904

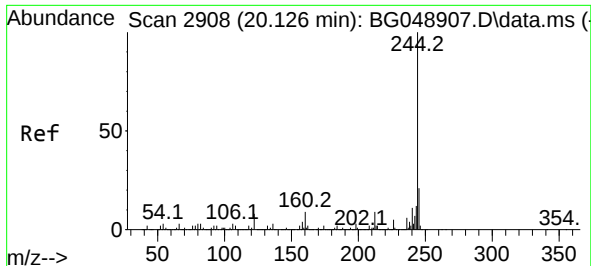
Delta R.T. 0.373 min

Lab File: BG049060.D

Acq: 23 Jun 2021 14:03

Tgt Ion:184	Resp:	10446
Ion Ratio	Lower	Upper
184	100	
185	19.5	10.7 16.1#
183	7.7	9.4 14.0#

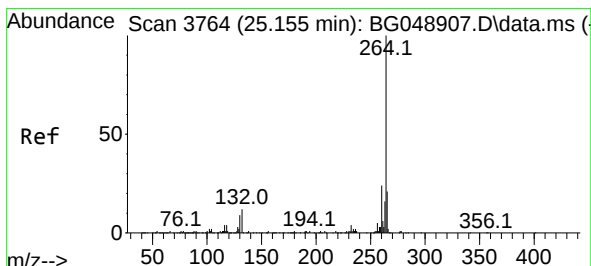
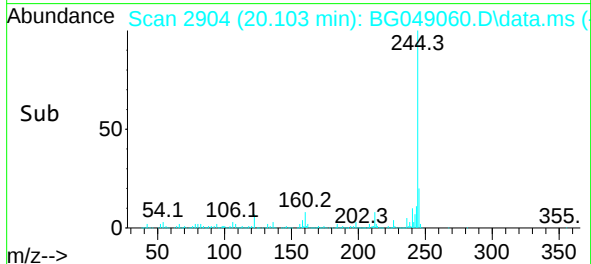
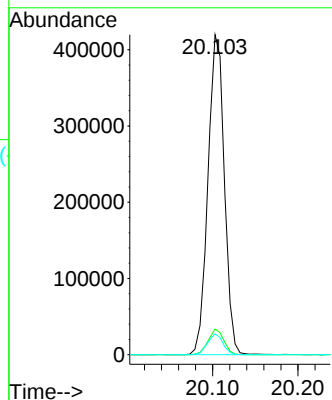
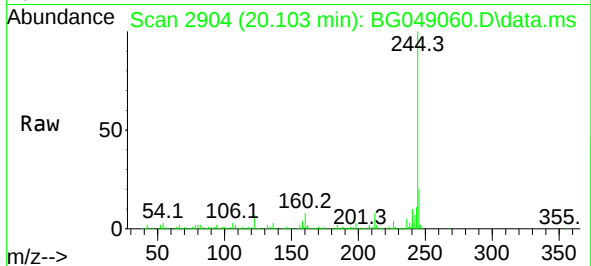




#79
 Terphenyl-d14
 Concen: 49.989 ng
 RT: 20.103 min Scan# 2904
 Delta R.T. -0.009 min
 Lab File: BG049060.D
 Acq: 23 Jun 2021 14:03

Instrument :
 BNA_G
 ClientSampleId :
 SB-5A

Tgt Ion:244 Resp: 559990
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 6.6 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.103 min Scan# 3755
 Delta R.T. -0.026 min
 Lab File: BG049060.D
 Acq: 23 Jun 2021 14:03

Tgt Ion:264 Resp: 221070
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 22.7 16.9 25.3

