

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
 Data File : BG049069.D
 Acq On : 23 Jun 2021 20:13
 Operator : CG/JU
 Sample : M2795-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B4-0-2

Quant Time: Jun 24 02:18:48 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)

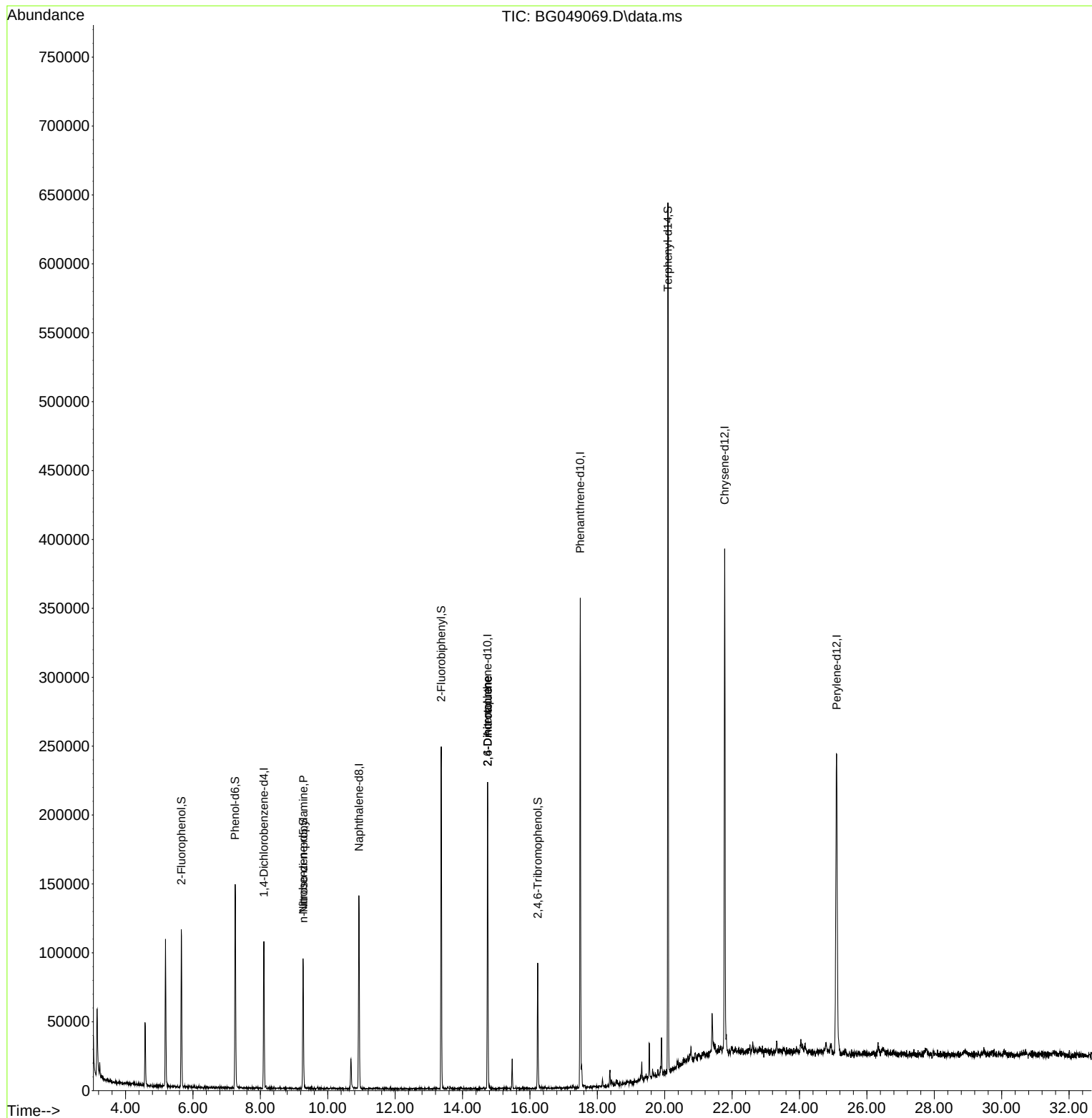
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	27969	20.00	ng	0.00
21) Naphthalene-d8	10.926	136	109682	20.00	ng	#-0.01
39) Acenaphthene-d10	14.745	164	83755	20.00	ng	-0.01
64) Phenanthrene-d10	17.495	188	223417	20.00	ng	#-0.01
76) Chrysene-d12	21.778	240	235001	20.00	ng	-0.02
86) Perylene-d12	25.104	264	250305	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	44972	25.03	ng	0.00
7) Phenol-d6	7.254	99	74667	27.73	ng	-0.01
23) Nitrobenzene-d5	9.269	82	57481	22.60	ng	-0.01
42) 2,4,6-Tribromophenol	16.232	330	19149	15.43	ng	-0.01
45) 2-Fluorobiphenyl	13.370	172	126001	21.25	ng	-0.01
79) Terphenyl-d14	20.098	244	290845	22.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.275	70	8215	3.90	ng	# 69
51) 2,6-Dinitrotoluene	14.751	165	10695	8.05	ng	# 12
57) 2,4-Dinitrotoluene	14.751	165	10695	6.55	ng	# 17

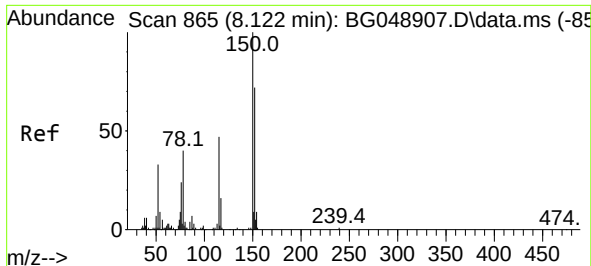
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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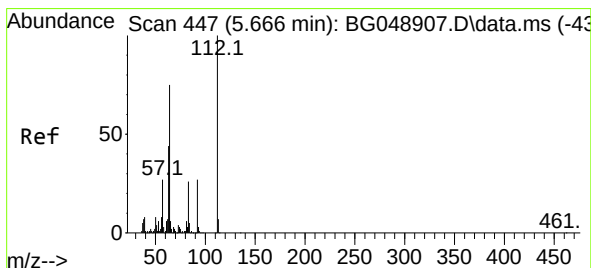
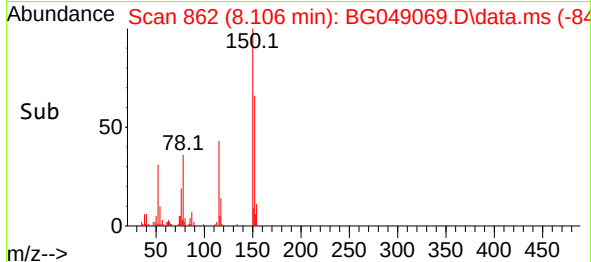
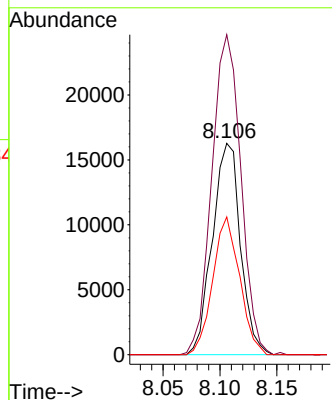
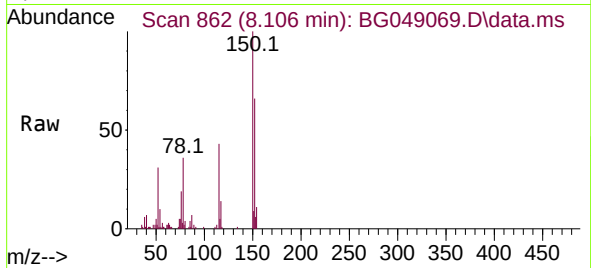




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.106 min Scan# 862
Delta R.T. -0.008 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

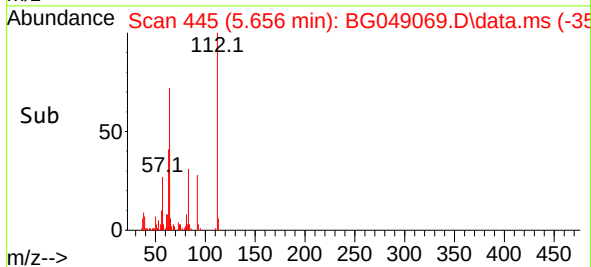
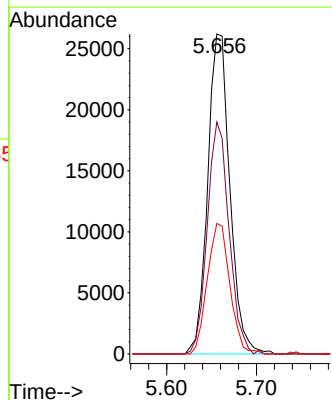
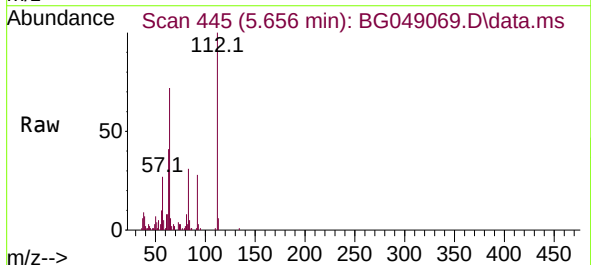
Instrument :
BNA_G
ClientSampleId :
B4-0-2

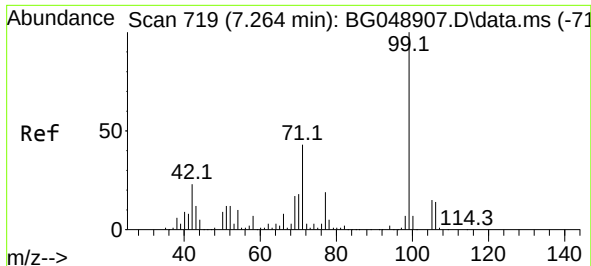
Tgt Ion:152 Resp: 27969
Ion Ratio Lower Upper
152 100
150 151.4 119.4 179.0
115 65.1 60.2 90.4



#5
2-Fluorophenol
Concen: 25.03 ng
RT: 5.656 min Scan# 445
Delta R.T. -0.008 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

Tgt Ion:112 Resp: 44972
Ion Ratio Lower Upper
112 100
64 72.4 46.7 70.1#
63 40.8 35.3 52.9

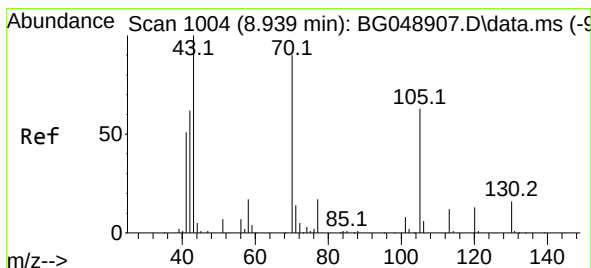
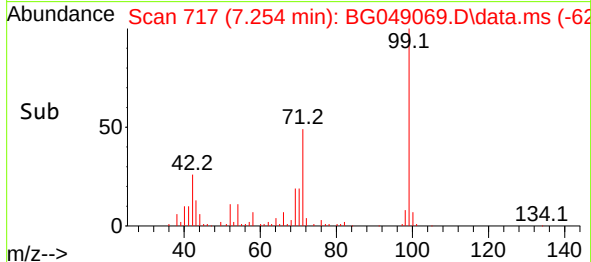
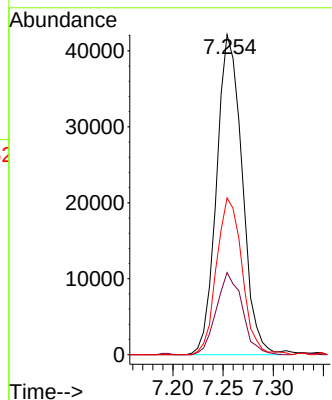
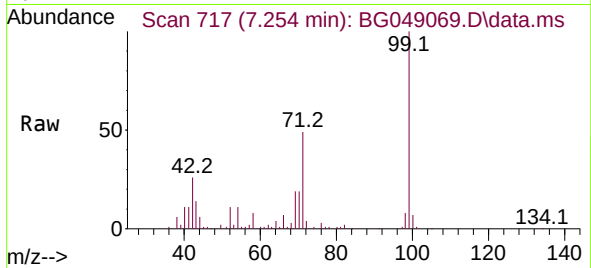




#7
Phenol-d6
Concen: 27.73 ng
RT: 7.254 min Scan# 717
Delta R.T. -0.013 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

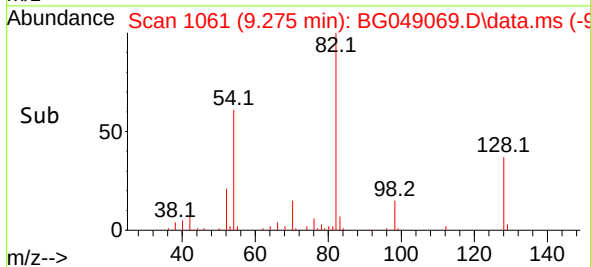
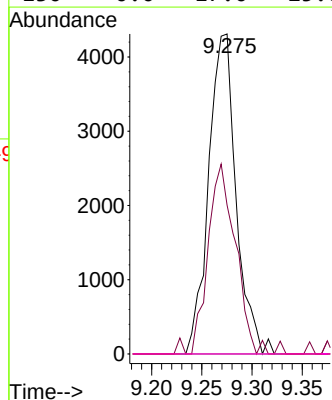
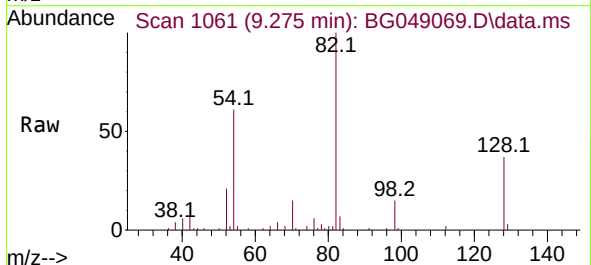
Instrument :
BNA_G
ClientSampled :
B4-0-2

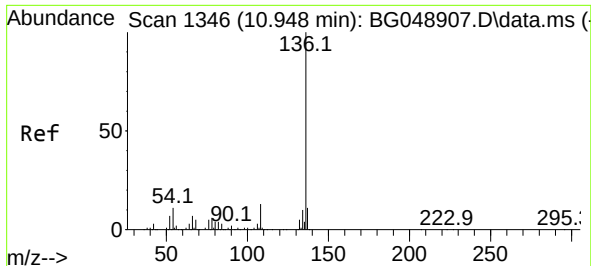
Tgt Ion: 99 Resp: 74667
Ion Ratio Lower Upper
99 100
42 25.7 20.5 30.7
71 49.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 3.90 ng
RT: 9.275 min Scan# 1061
Delta R.T. 0.351 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

Tgt Ion: 70 Resp: 8215
Ion Ratio Lower Upper
70 100
42 46.5 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

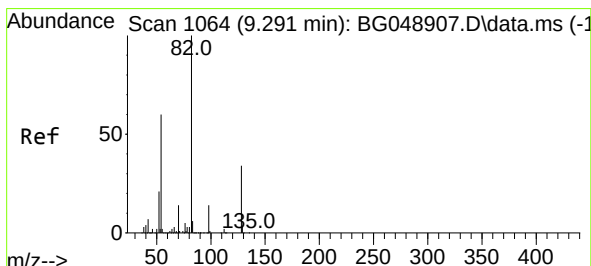
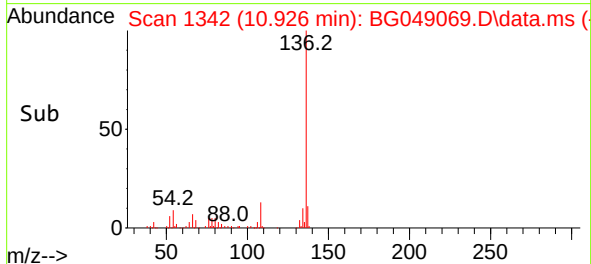
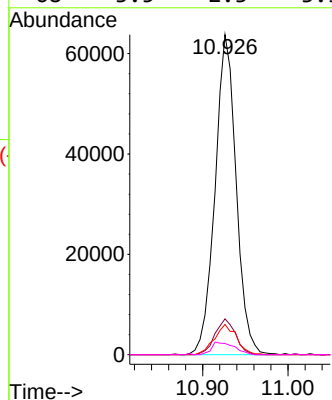
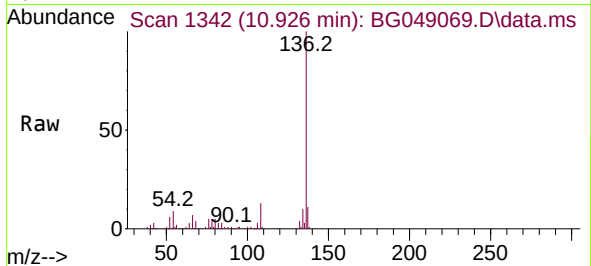




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.926 min Scan# 1342
Delta R.T. -0.014 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

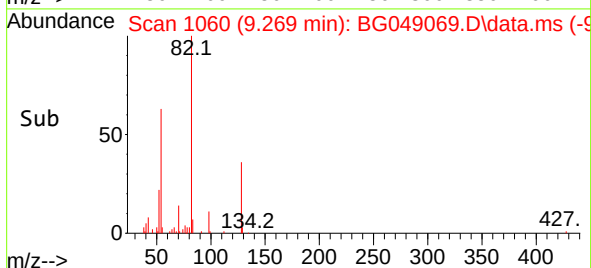
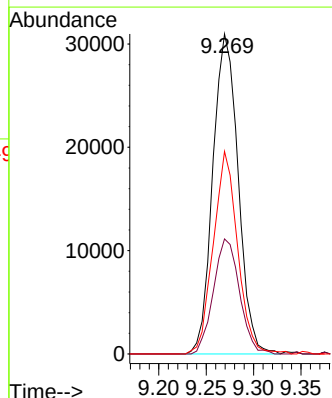
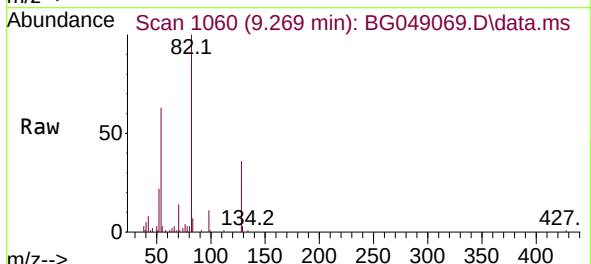
Instrument :
BNA_G
ClientSampleId :
B4-0-2

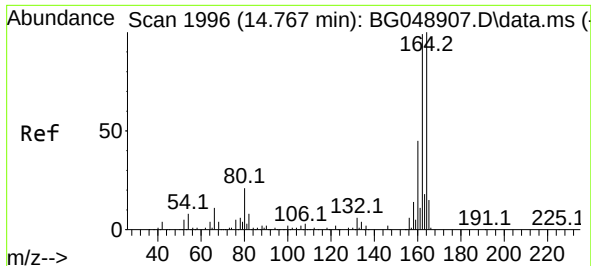
Tgt Ion:136 Resp: 109682
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 9.5 5.5 8.3#
68 3.5 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 22.60 ng
RT: 9.269 min Scan# 1060
Delta R.T. -0.014 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

Tgt Ion: 82 Resp: 57481
Ion Ratio Lower Upper
82 100
128 36.0 29.8 44.6
54 63.3 45.8 68.8

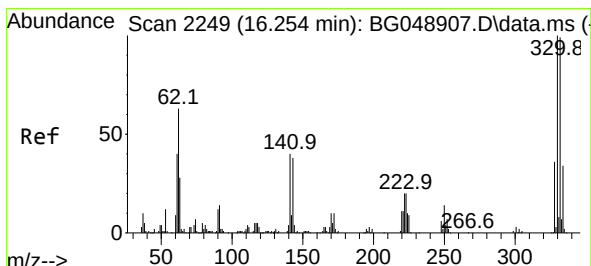
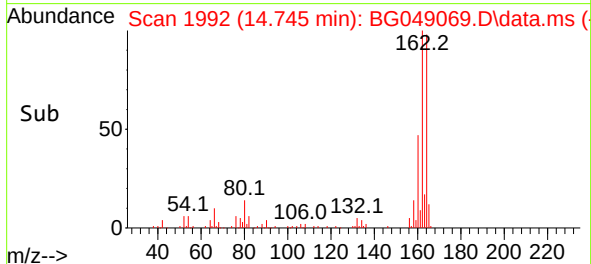
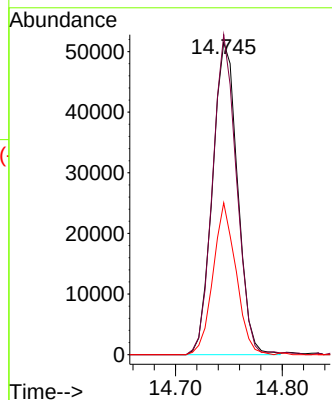
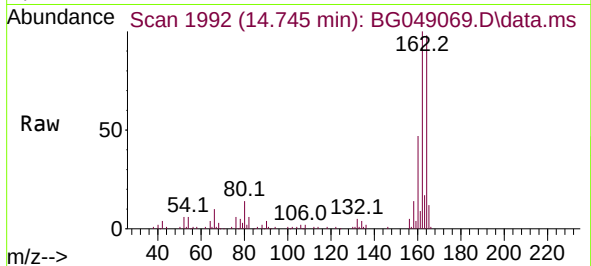




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1992
Delta R.T. -0.014 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

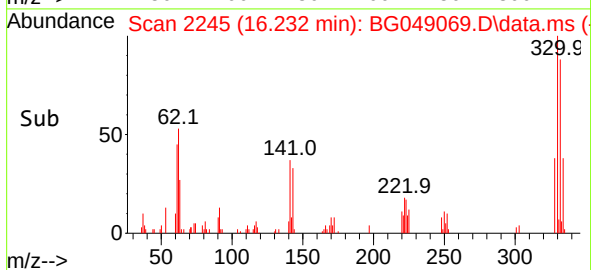
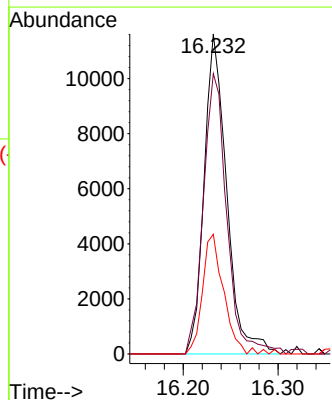
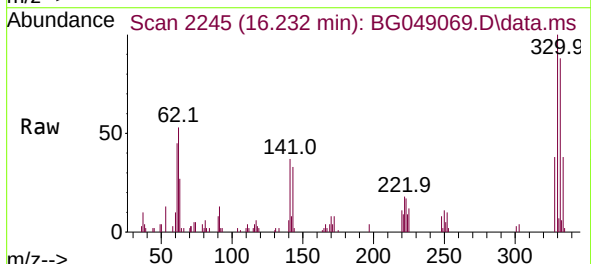
Instrument :
BNA_G
ClientSampled :
B4-0-2

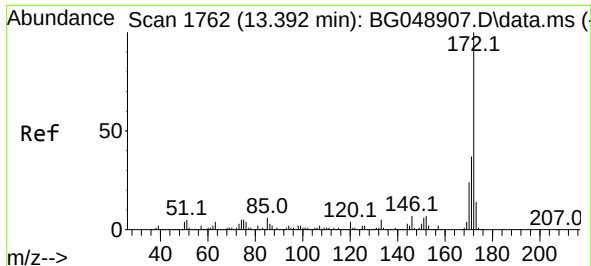
Tgt Ion:164 Resp: 83755
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 48.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 15.43 ng
RT: 16.232 min Scan# 2245
Delta R.T. -0.014 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

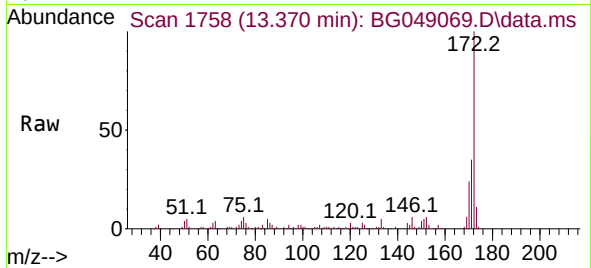
Tgt Ion:330 Resp: 19149
Ion Ratio Lower Upper
330 100
332 90.9 77.3 115.9
141 34.9 35.6 53.4#



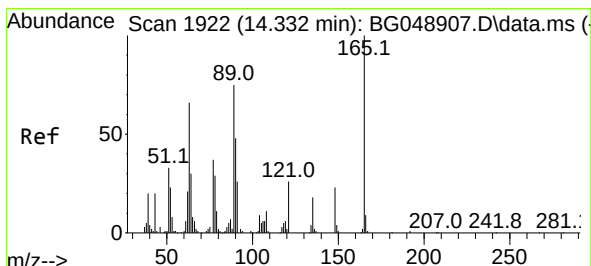
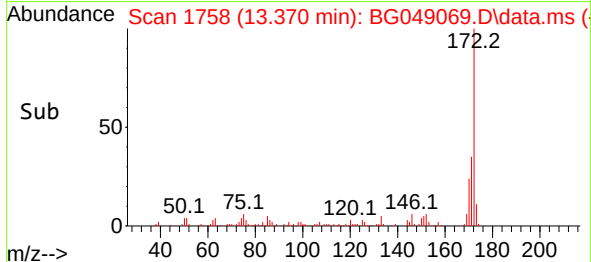
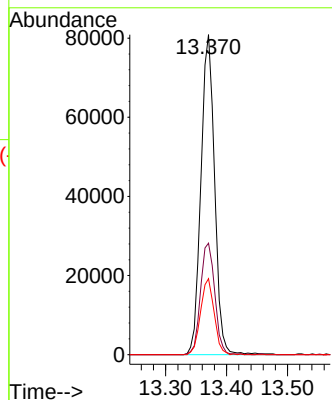


#45
2-Fluorobiphenyl
Concen: 21.25 ng
RT: 13.370 min Scan# 1758
Delta R.T. -0.014 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

Instrument :
BNA_G
ClientSampleId :
B4-0-2

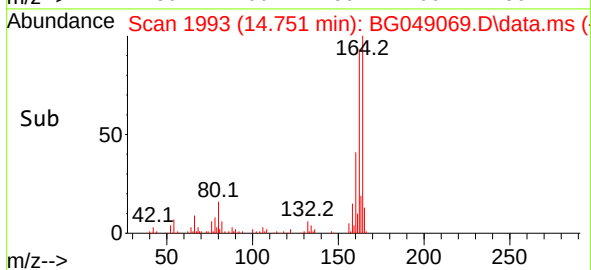
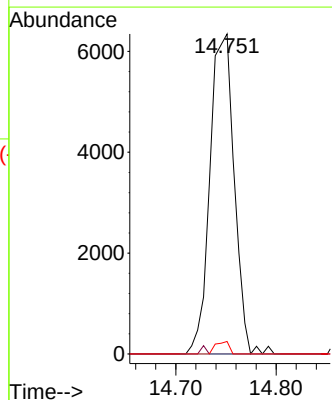
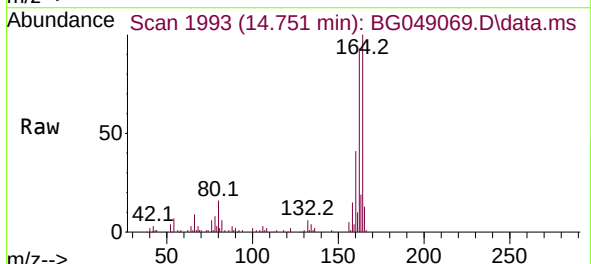


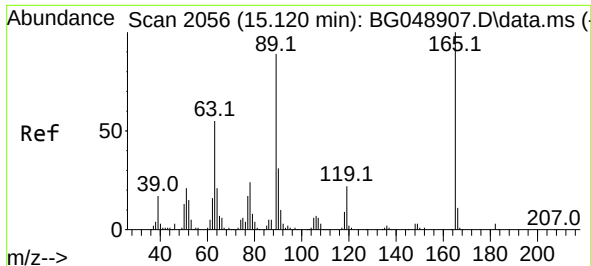
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.8	18.6	27.8



#51
2,6-Dinitrotoluene
Concen: 8.05 ng
RT: 14.751 min Scan# 1993
Delta R.T. 0.427 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

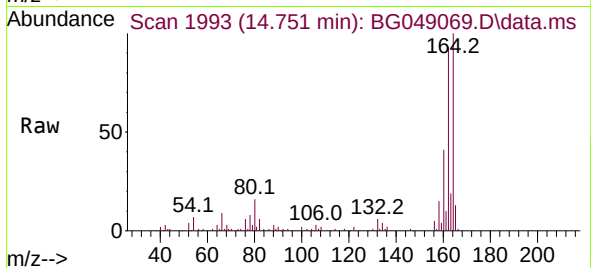
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	3.9	63.4	95.0#



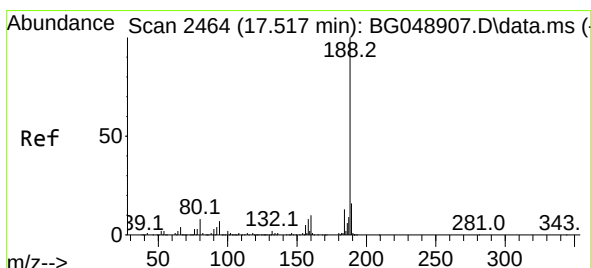
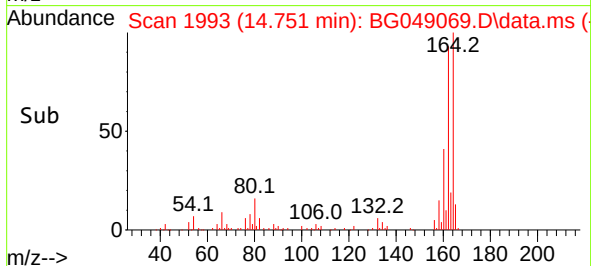
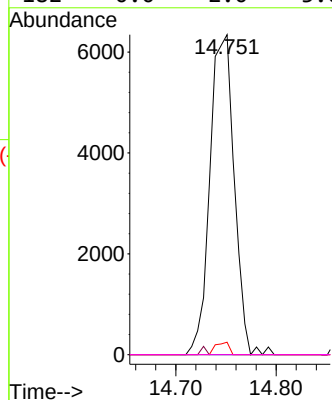


#57
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 14.751 min Scan# 1993
Delta R.T. -0.360 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

Instrument :
BNA_G
ClientSampleId :
B4-0-2

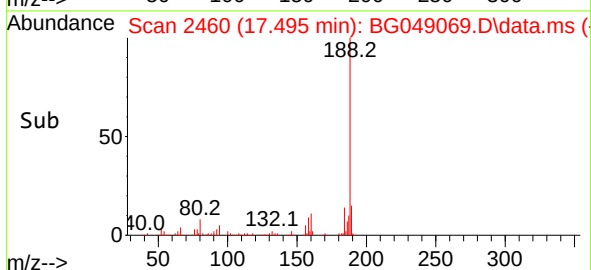
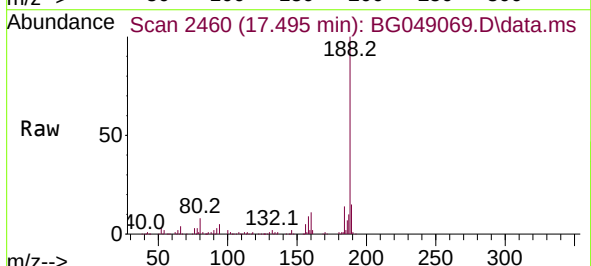
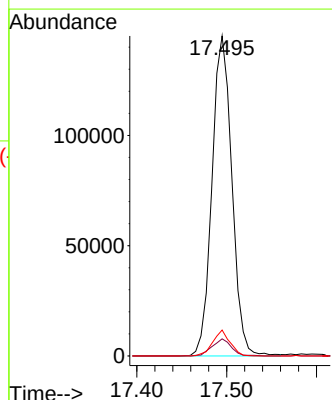


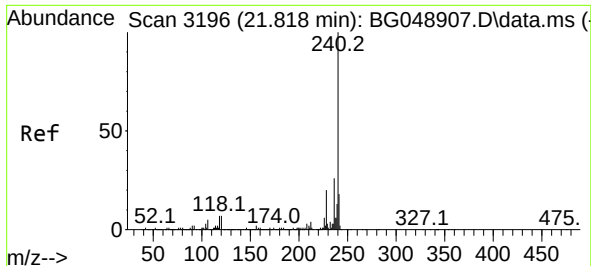
Tgt Ion:165 Resp: 10695
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.9 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.495 min Scan# 2460
Delta R.T. -0.014 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

Tgt Ion:188 Resp: 223417
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 8.1 3.7 5.5#

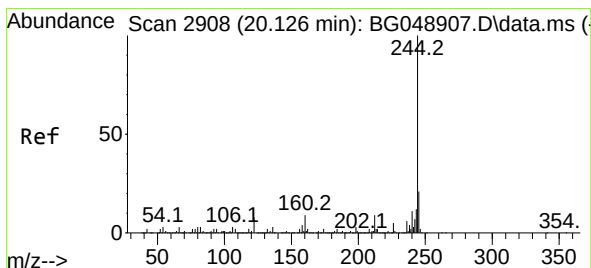
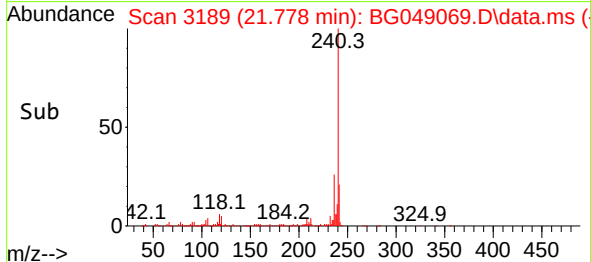
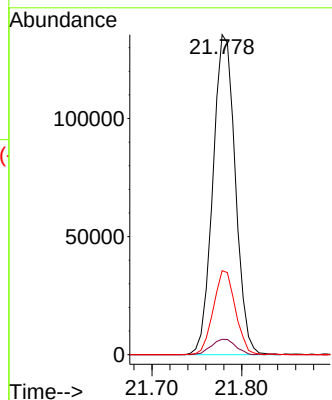
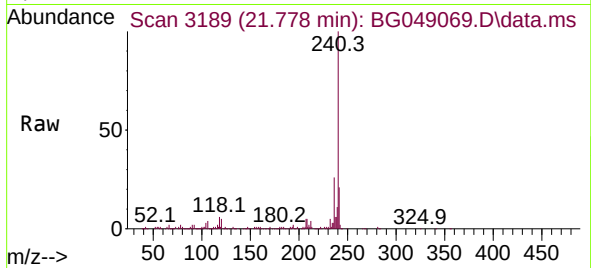




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.778 min Scan# 3189
Delta R.T. -0.019 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

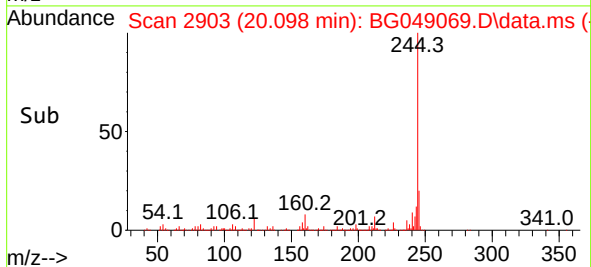
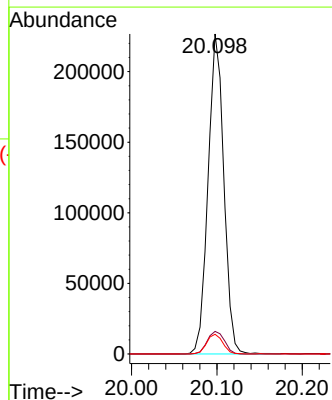
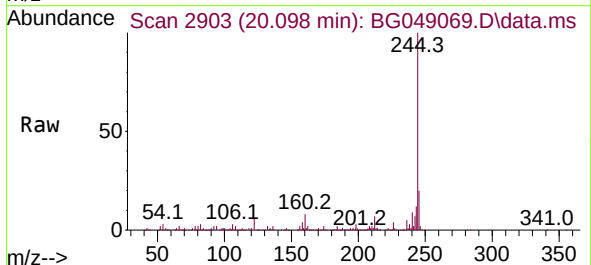
Instrument :
BNA_G
ClientSampleId :
B4-0-2

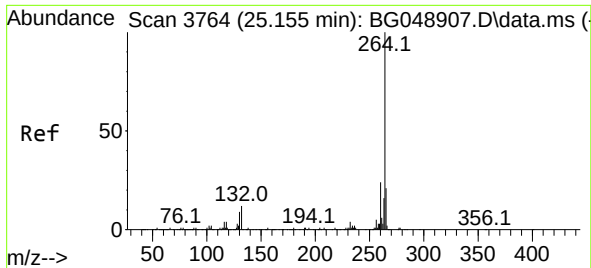
Tgt Ion:240	Resp:	235001
Ion Ratio	Lower	Upper
240	100	
120	4.8	4.2 6.2
236	26.3	21.8 32.6



#79
Terphenyl-d14
Concen: 22.67 ng
RT: 20.098 min Scan# 2903
Delta R.T. -0.014 min
Lab File: BG049069.D
Acq: 23 Jun 2021 20:13

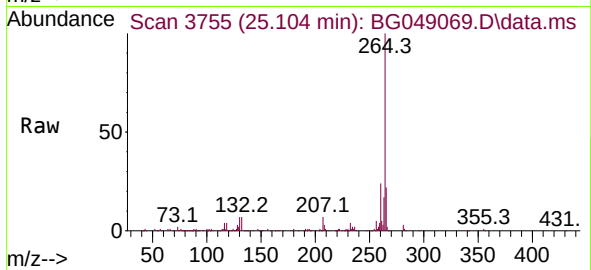
Tgt Ion:244	Resp:	290845
Ion Ratio	Lower	Upper
244	100	
212	7.1	6.9 10.3
122	6.1	5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.104 min Scan# 3755
 Delta R.T. -0.025 min
 Lab File: BG049069.D
 Acq: 23 Jun 2021 20:13

Instrument :
 BNA_G
 ClientSampleId :
 B4-0-2



Tgt Ion:264 Resp: 250305

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.8	16.9	25.3

