

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049201.D
 Acq On : 7 Jul 2021 16:02
 Operator : CG/JU
 Sample : M2938-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-070221

Quant Time: Jul 07 17:14:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 06 10:59:02 2021
 Response via : Initial Calibration

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

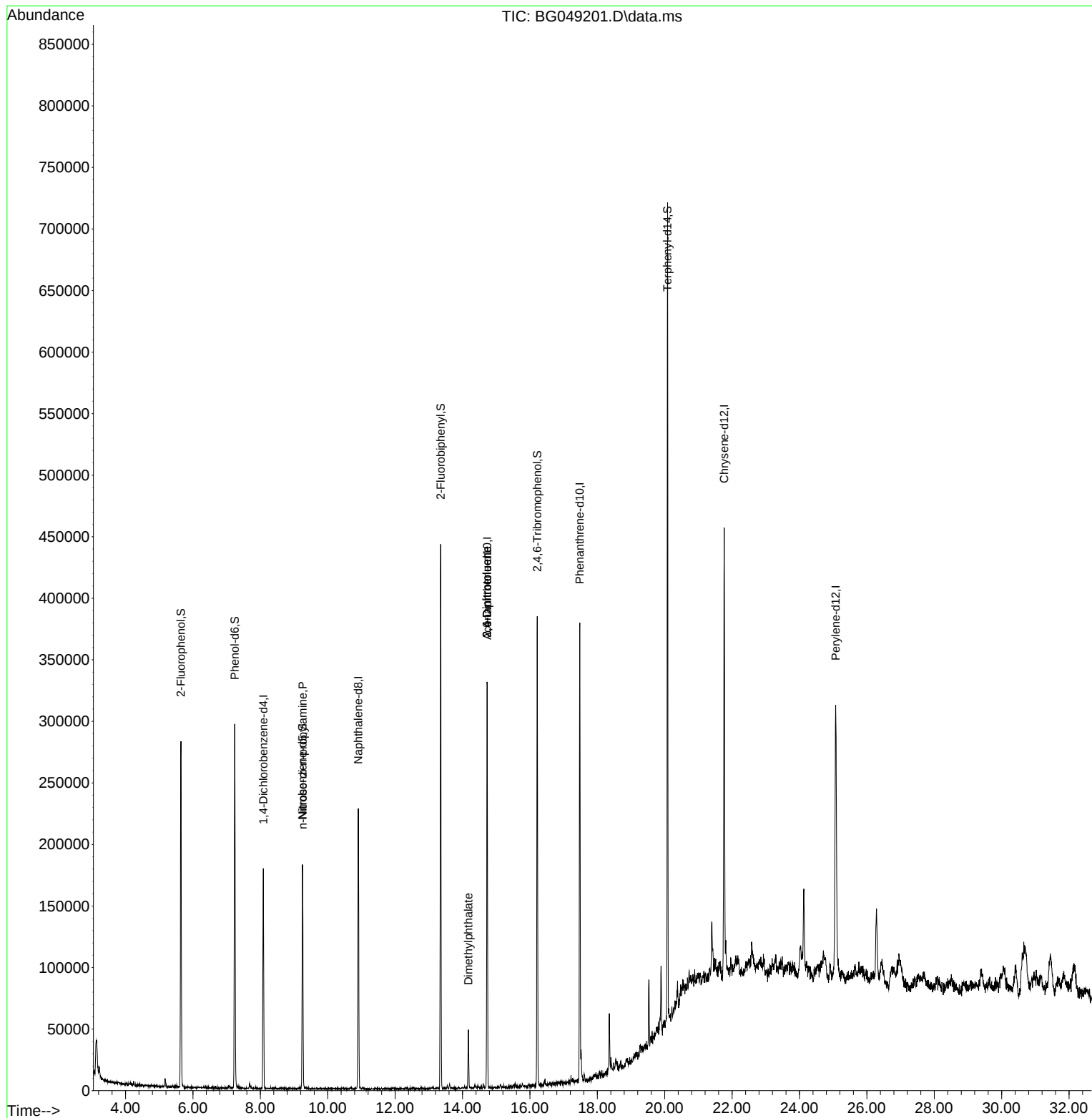
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	46933	20.000	ng	0.00
21) Naphthalene-d8	10.908	136	184810	20.000	ng	# 0.00
39) Acenaphthene-d10	14.733	164	122843	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	241581	20.000	ng	# 0.00
76) Chrysene-d12	21.766	240	230353	20.000	ng	0.00
86) Perylene-d12	25.074	264	246790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	119246	39.795	ng	0.00
7) Phenol-d6	7.242	99	155695	36.445	ng	0.00
23) Nitrobenzene-d5	9.251	82	111516	25.583	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	75932	35.657	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	237637	26.099	ng	0.00
79) Terphenyl-d14	20.086	244	313653	23.073	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.257	70	16455	5.360	ng	# 70
50) Dimethylphthalate	14.175	163	29744	3.017	ng	# 99
51) 2,6-Dinitrotoluene	14.727	165	16467	7.286	ng	# 11
57) 2,4-Dinitrotoluene	14.727	165	16467	5.129	ng	# 16

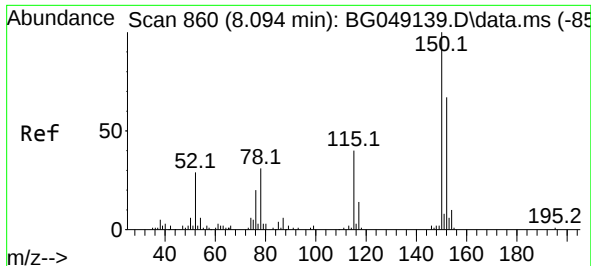
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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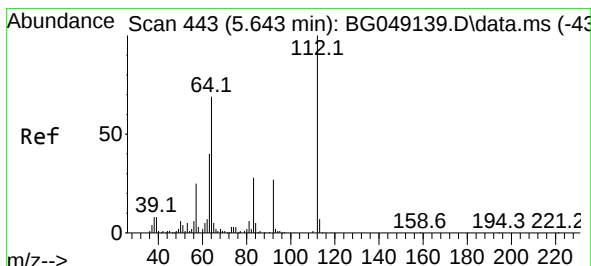
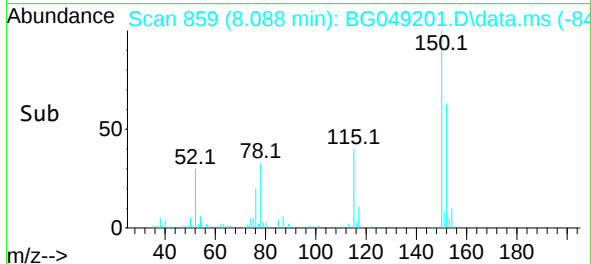
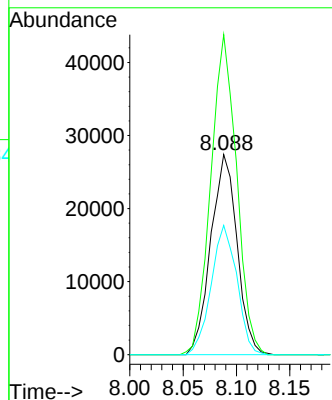
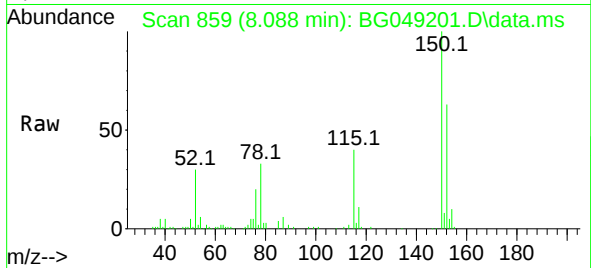




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 859
Delta R.T. -0.003 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

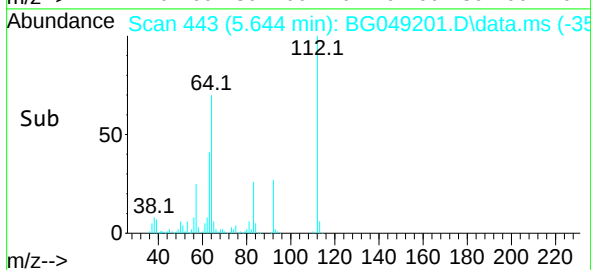
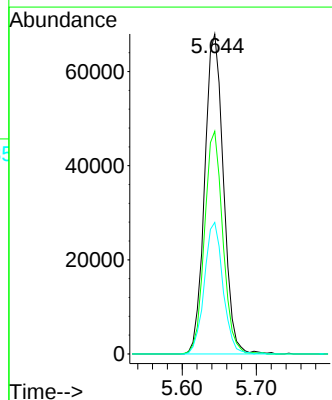
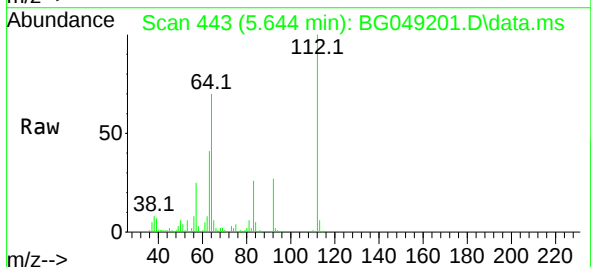
Instrument :
BNA_G
ClientSampleId :
OK-01-070221

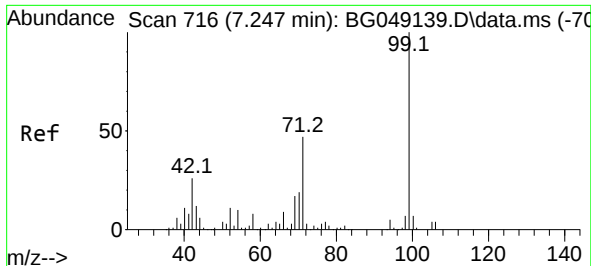
Tgt Ion:152 Resp: 46933
Ion Ratio Lower Upper
152 100
150 159.9 119.4 179.0
115 64.6 60.2 90.4



#5
2-Fluorophenol
Concen: 39.795 ng
RT: 5.644 min Scan# 443
Delta R.T. 0.009 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

Tgt Ion:112 Resp: 119246
Ion Ratio Lower Upper
112 100
64 69.6 46.7 70.1
63 41.1 35.3 52.9

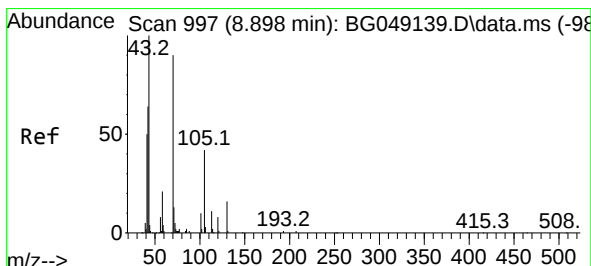
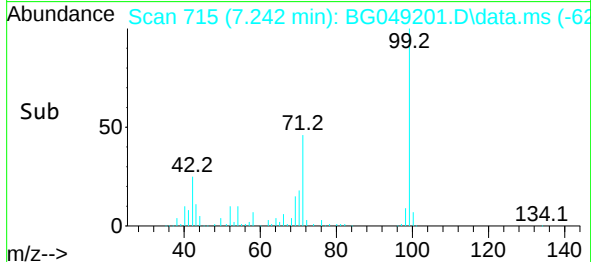
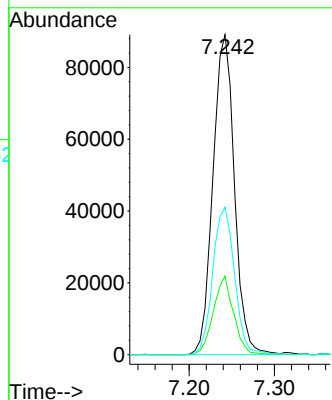
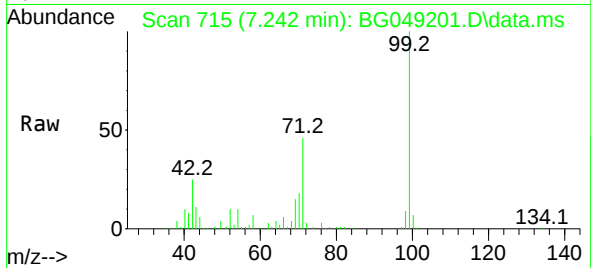




#7
Phenol-d6
Concen: 36.445 ng
RT: 7.242 min Scan# 715
Delta R.T. 0.003 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

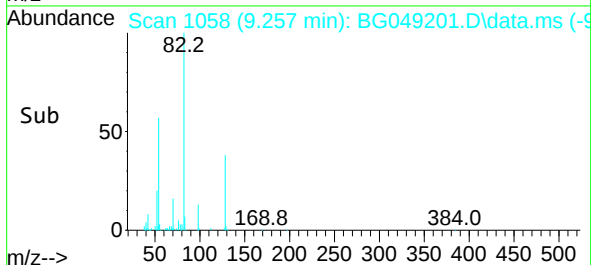
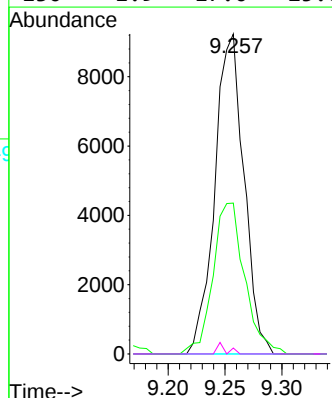
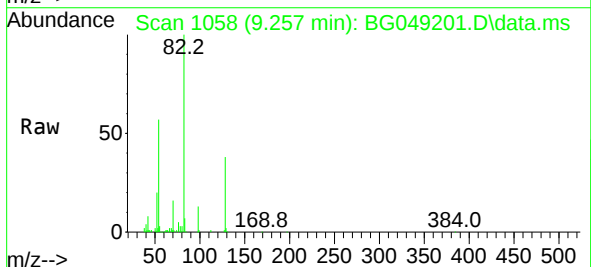
Instrument :
BNA_G
ClientSampleId :
OK-01-070221

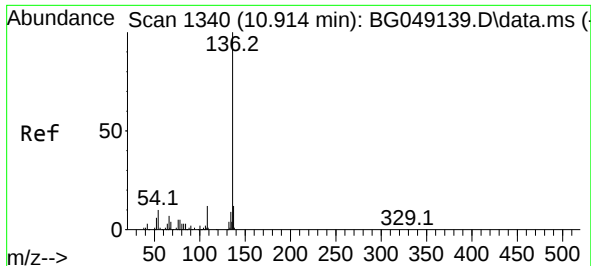
Tgt Ion: 99 Resp: 155695
Ion Ratio Lower Upper
99 100
42 24.6 20.5 30.7
71 46.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 5.360 ng
RT: 9.257 min Scan# 1058
Delta R.T. 0.362 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

Tgt Ion: 70 Resp: 16455
Ion Ratio Lower Upper
70 100
42 47.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#

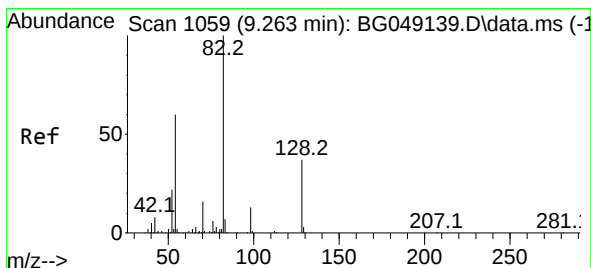
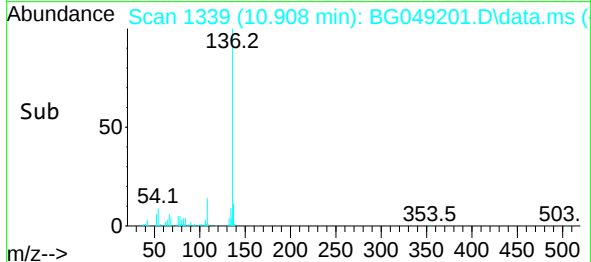
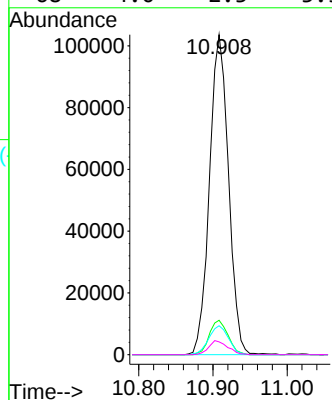
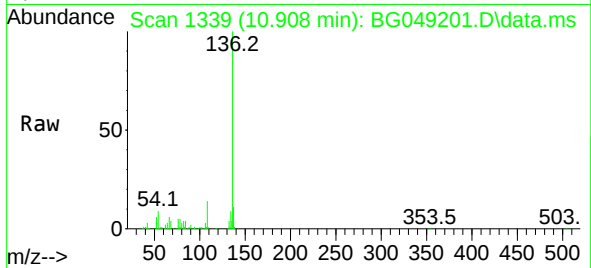




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.908 min Scan# 1339
Delta R.T. 0.003 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

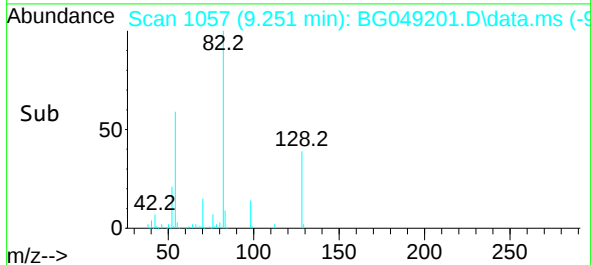
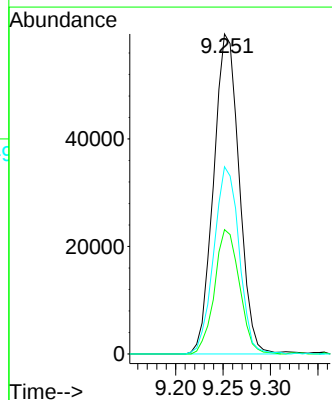
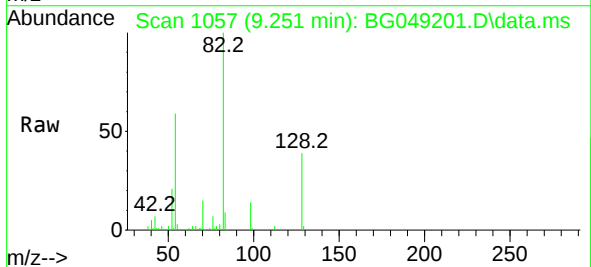
Instrument :
BNA_G
ClientSampleId :
OK-01-070221

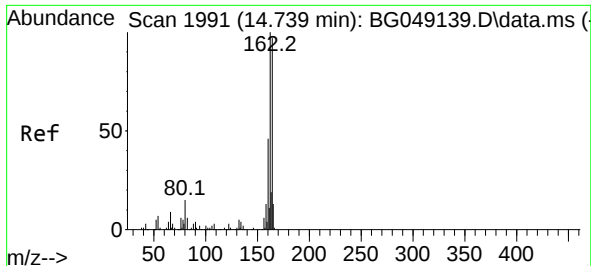
Tgt Ion:136 Resp: 184810
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 9.1 5.5 8.3#
68 4.0 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 25.583 ng
RT: 9.251 min Scan# 1057
Delta R.T. -0.002 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

Tgt Ion: 82 Resp: 111516
Ion Ratio Lower Upper
82 100
128 38.9 29.8 44.6
54 58.5 45.8 68.8

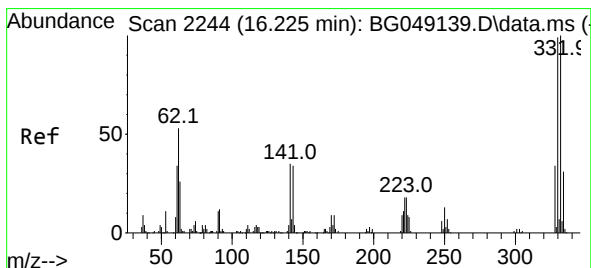
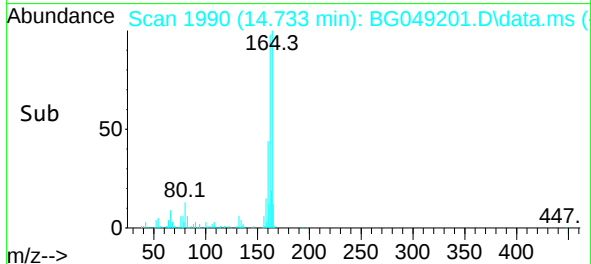
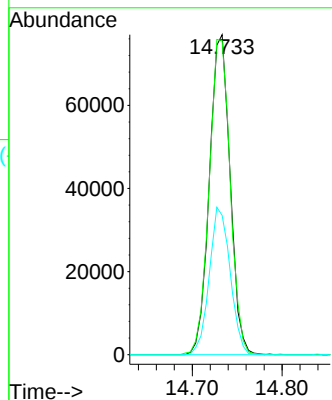
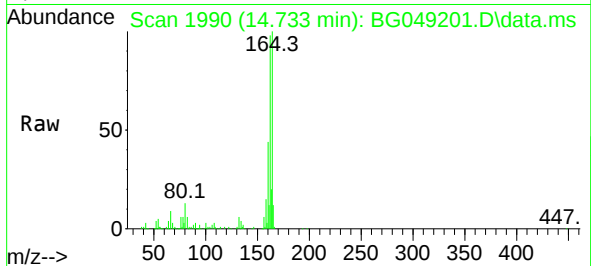




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.733 min Scan# 1990
Delta R.T. 0.003 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

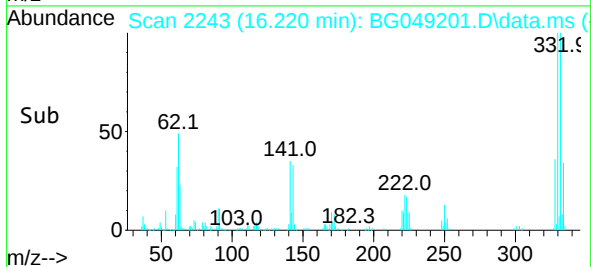
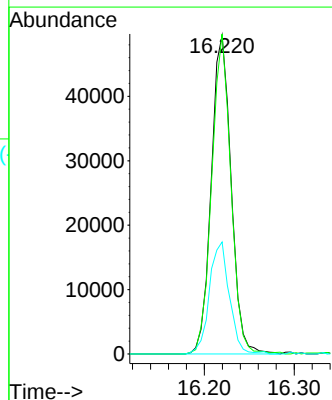
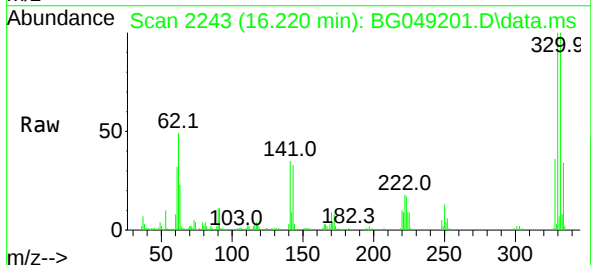
Instrument :
BNA_G
ClientSampleId :
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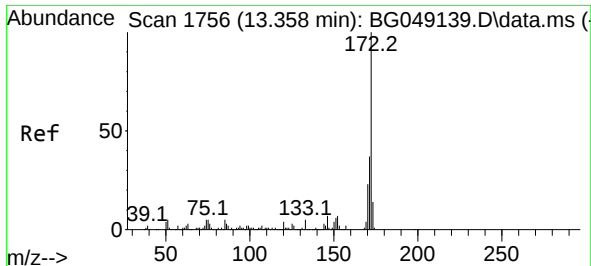
Tgt Ion:164 Resp: 122843
Ion Ratio Lower Upper
164 100
162 98.1 81.4 122.0
160 43.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 35.657 ng
RT: 16.220 min Scan# 2243
Delta R.T. 0.003 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

Tgt Ion:330 Resp: 75932
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 35.4 35.6 53.4#

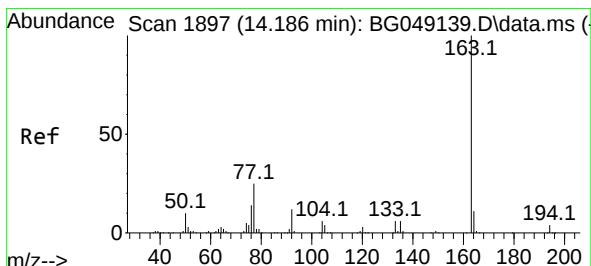
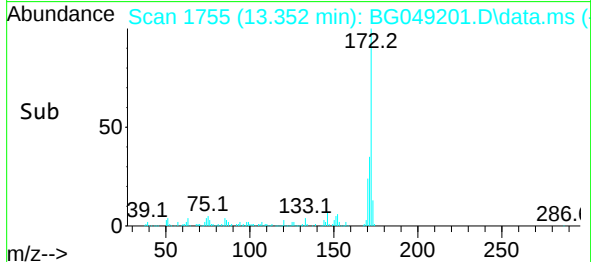
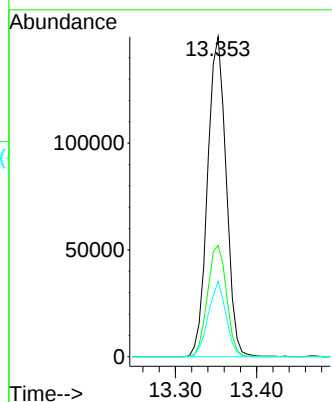
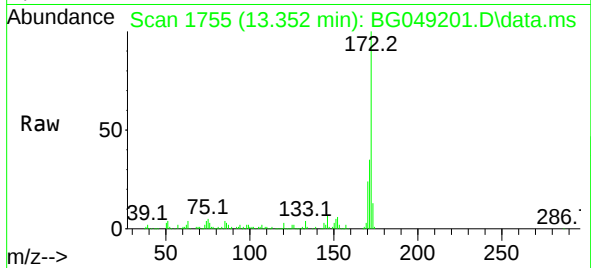




#45
2-Fluorobiphenyl
Concen: 26.099 ng
RT: 13.352 min Scan# 1755
Delta R.T. 0.003 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

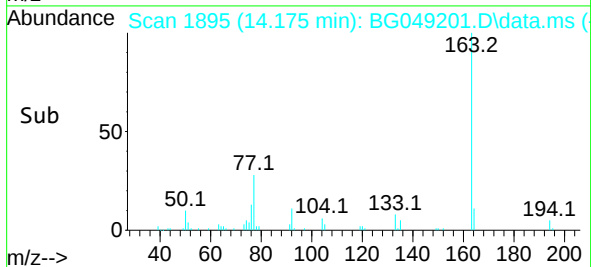
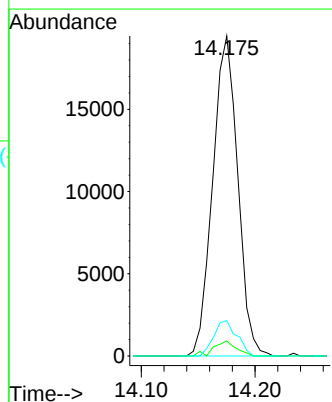
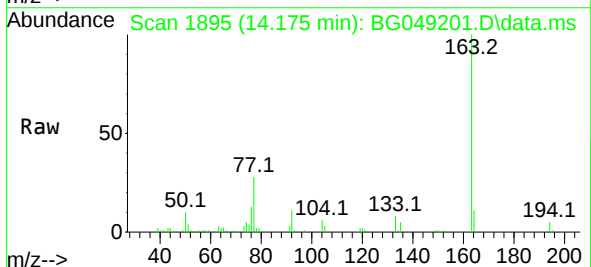
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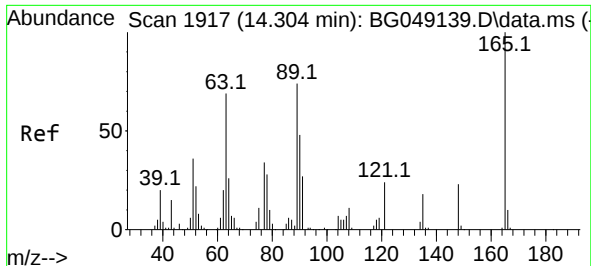
Tgt Ion:172	Resp:	237637	
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.6	18.6	27.8



#50
Dimethylphthalate
Concen: 3.017 ng
RT: 14.175 min Scan# 1895
Delta R.T. -0.002 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

Tgt Ion:163	Resp:	29744	
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.0	4.6#
164	11.0	8.6	12.8

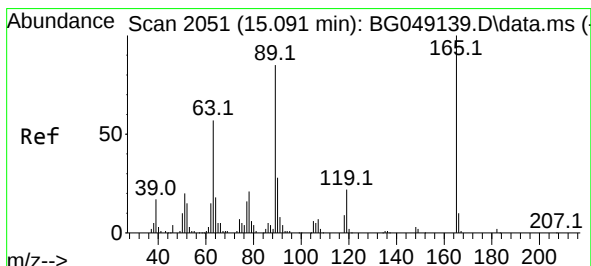
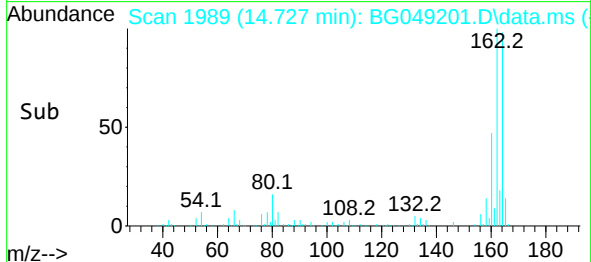
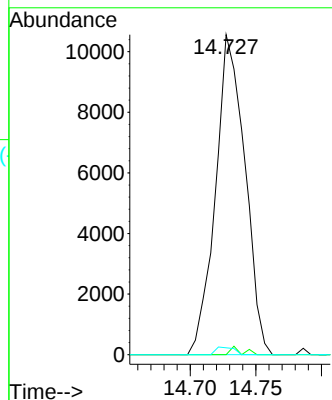
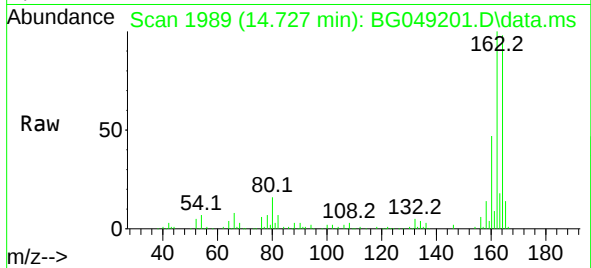




#51
2,6-Dinitrotoluene
Concen: 7.286 ng
RT: 14.727 min Scan# 1989
Delta R.T. 0.432 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

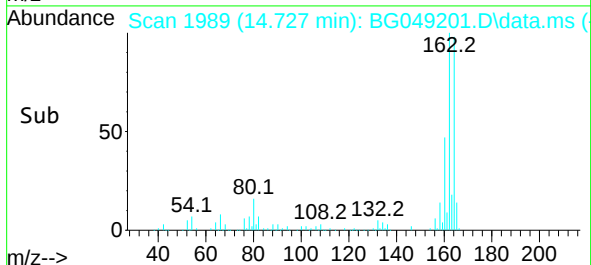
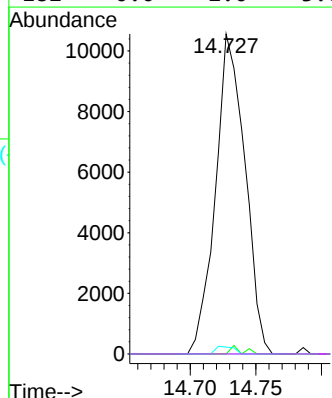
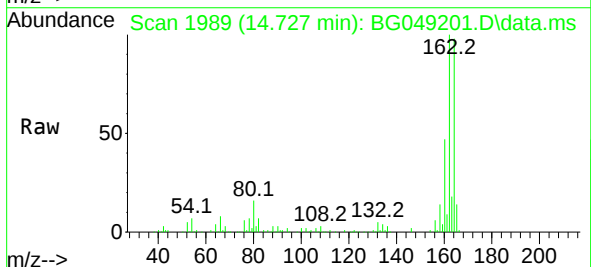
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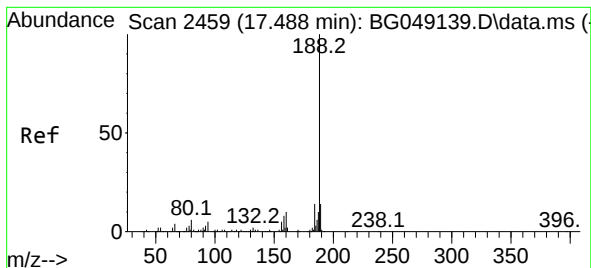
Tgt Ion:165 Resp: 16467
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.1 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.129 ng
RT: 14.727 min Scan# 1989
Delta R.T. -0.355 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

Tgt Ion:165 Resp: 16467
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.1 65.4 98.0#
182 0.0 2.0 3.0#

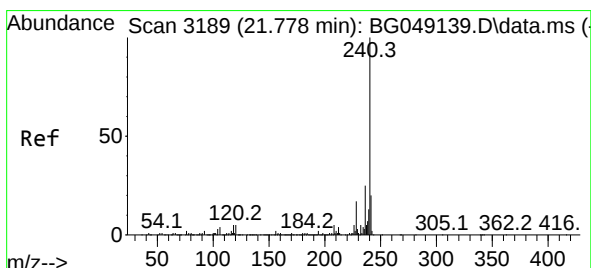
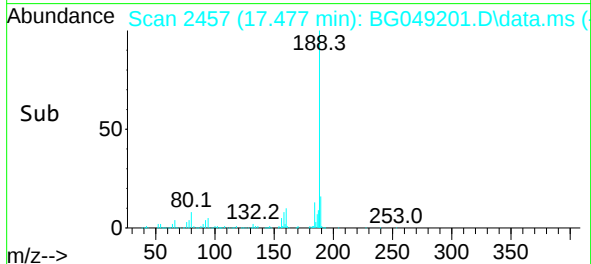
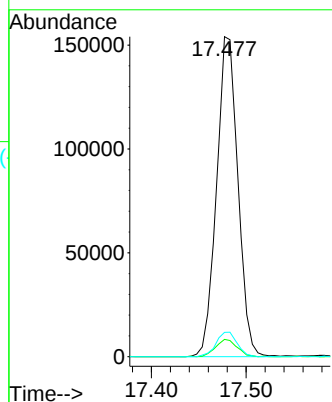
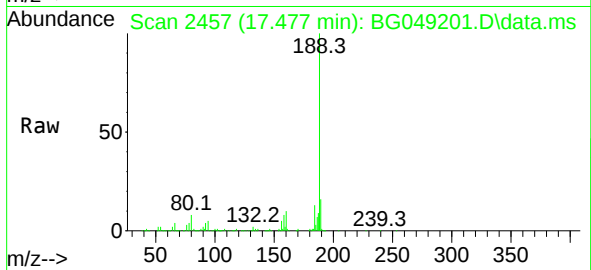




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 2457
Delta R.T. -0.002 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

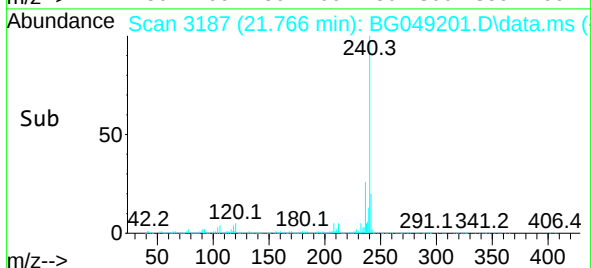
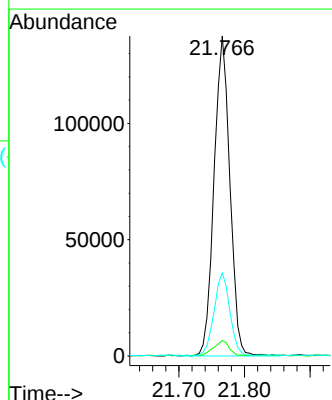
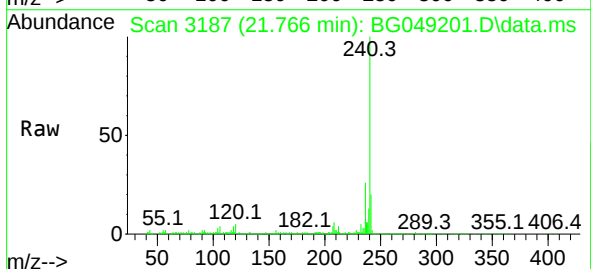
Instrument :
BNA_G
ClientSampleId :
OK-01-070221

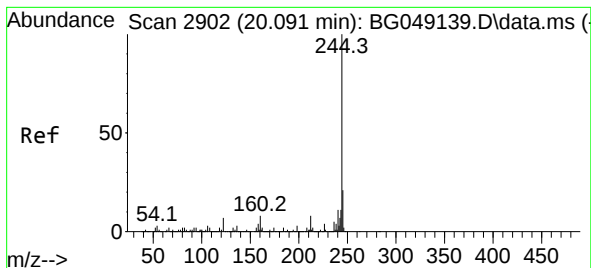
Tgt Ion:188 Resp: 241581
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 7.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 3187
Delta R.T. 0.003 min
Lab File: BG049201.D
Acq: 7 Jul 2021 16:02

Tgt Ion:240 Resp: 230353
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 26.0 21.8 32.6





#79

Terphenyl-d14

Concen: 23.073 ng

RT: 20.086 min Scan# 2901

Delta R.T. 0.003 min

Lab File: BG049201.D

Acq: 7 Jul 2021 16:02

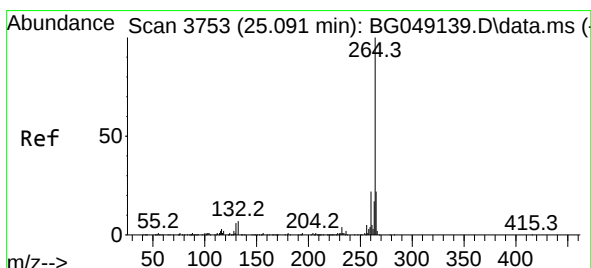
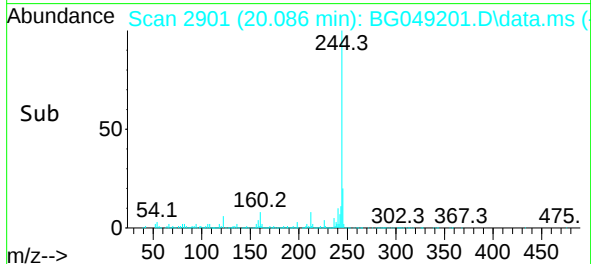
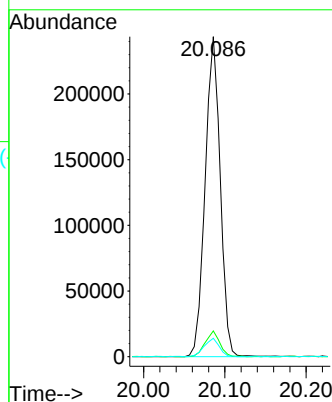
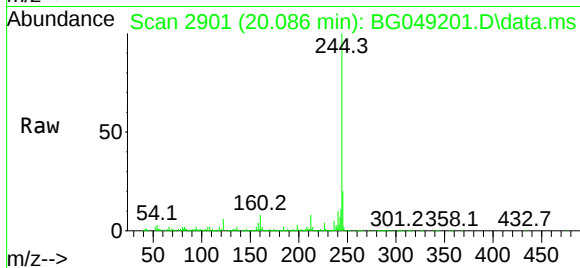
Tgt Ion:244 Resp: 313653

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

122 5.8 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.074 min Scan# 3750

Delta R.T. 0.009 min

Lab File: BG049201.D

Acq: 7 Jul 2021 16:02

Tgt Ion:264 Resp: 246790

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 23.3 16.9 25.3

