

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
 Data File : BG049169.D
 Acq On : 2 Jul 2021 16:07
 Operator : CG/JU
 Sample : M2875-20RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Jul 02 16:45:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

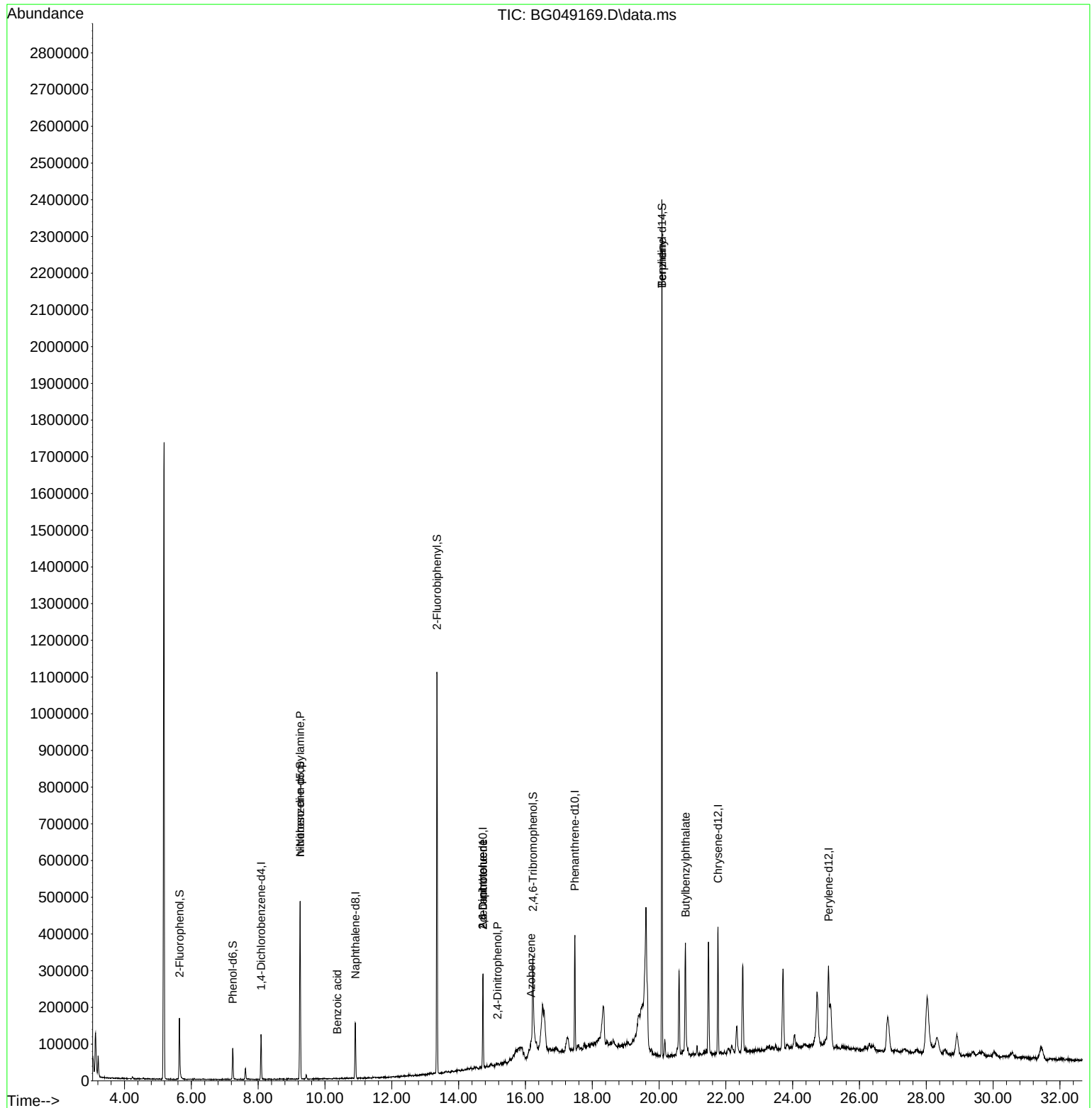
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	31749	20.000	ng	0.00
21) Naphthalene-d8	10.912	136	126586	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	87332	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	199283	20.000	ng	# 0.00
76) Chrysene-d12	21.764	240	214982	20.000	ng	#-0.01
86) Perylene-d12	25.072	264	230515	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	75865	37.427	ng	0.00
7) Phenol-d6	7.240	99	44539	15.412	ng	0.00
23) Nitrobenzene-d5	9.255	82	276990	92.772	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	84309	55.689	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	584777	90.339	ng	0.00
79) Terphenyl-d14	20.090	244	1104716	87.075	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.255	70	43767	21.073	ng	# 75
32) Benzoic acid	10.366	122	56	6.307	ng	# 1
51) 2,6-Dinitrotoluene	14.731	165	11673	7.265	ng	# 12
54) 2,4-Dinitrophenol	15.166	184	54	5.210	ng	# 8
57) 2,4-Dinitrotoluene	14.731	165	11673	5.115	ng	# 18
63) Azobenzene	16.171	77	26872	3.589	ng	# 1
77) Benzidine	20.090	184	21834	4.728	ng	# 93
80) Butylbenzylphthalate	20.795	149	30457	5.035	ng	# 39

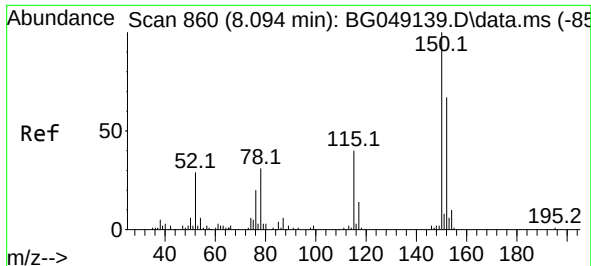
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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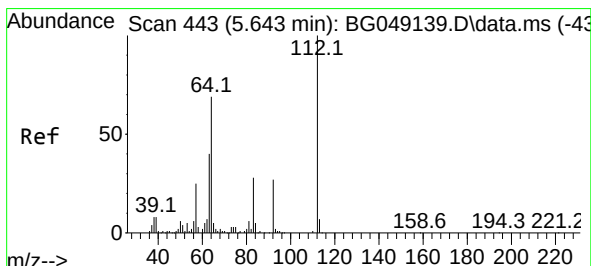
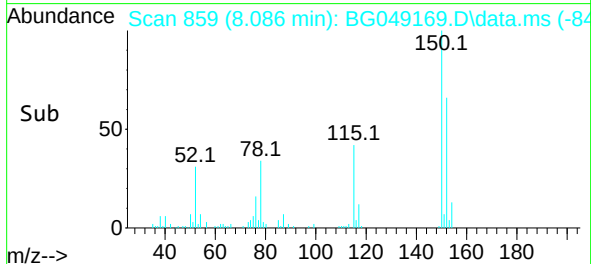
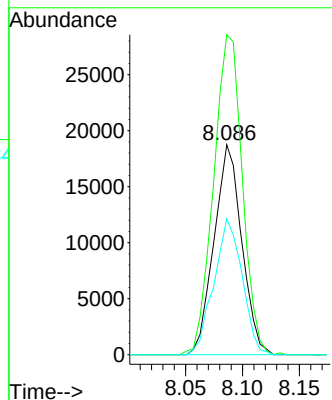
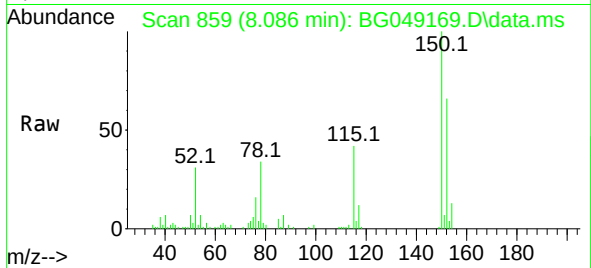




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.086 min Scan# 859
Delta R.T. -0.008 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

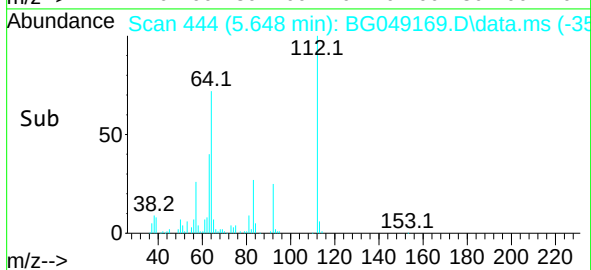
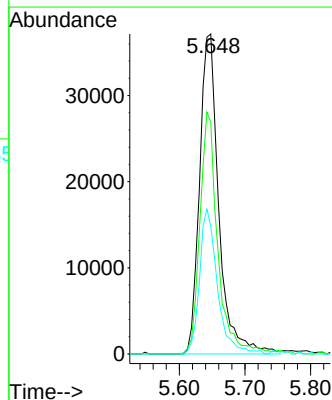
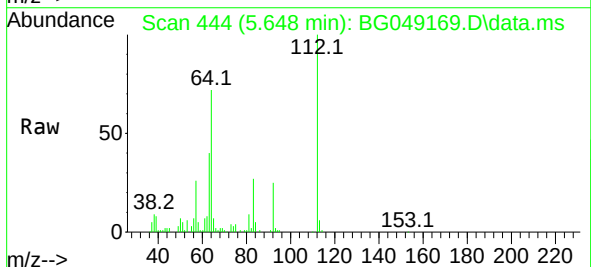
Instrument :
BNA_G
ClientSampleId :
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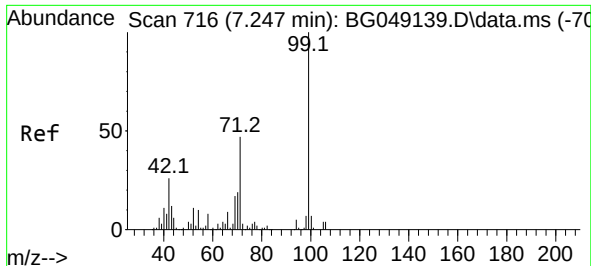
Tgt Ion:152 Resp: 31749
Ion Ratio Lower Upper
152 100
150 152.5 119.4 179.0
115 64.8 60.2 90.4



#5
2-Fluorophenol
Concen: 37.427 ng
RT: 5.648 min Scan# 444
Delta R.T. 0.004 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

Tgt Ion:112 Resp: 75865
Ion Ratio Lower Upper
112 100
64 72.4 46.7 70.1#
63 39.9 35.3 52.9

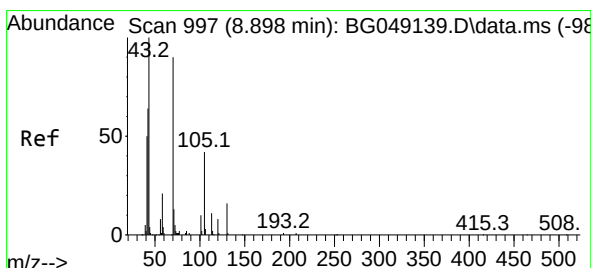
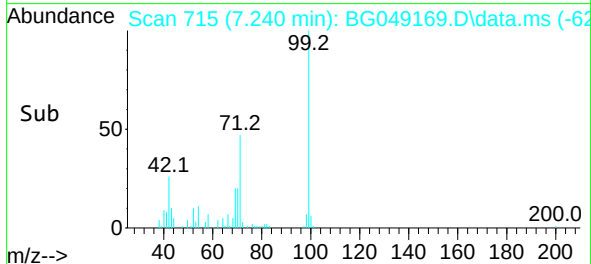
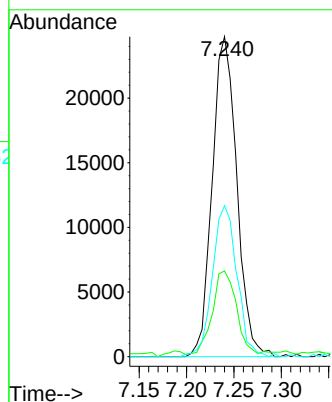
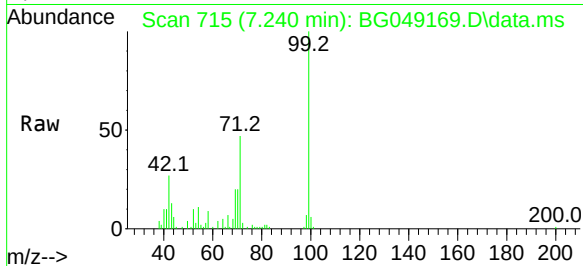




#7
Phenol-d6
Concen: 15.412 ng
RT: 7.240 min Scan# 715
Delta R.T. -0.007 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

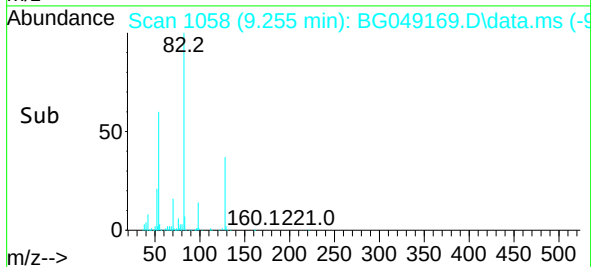
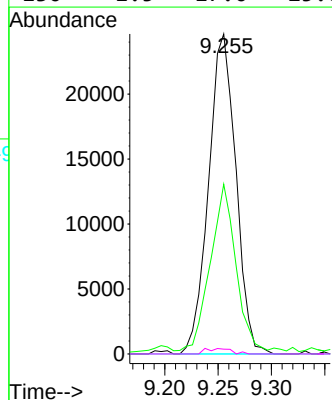
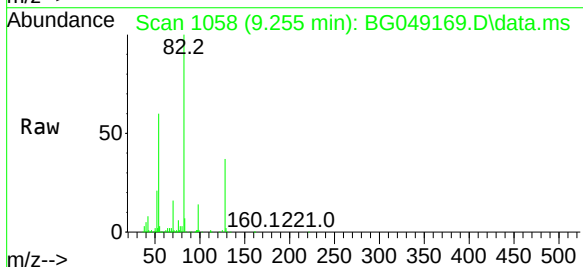
Instrument :
BNA_G
ClientSampleId :
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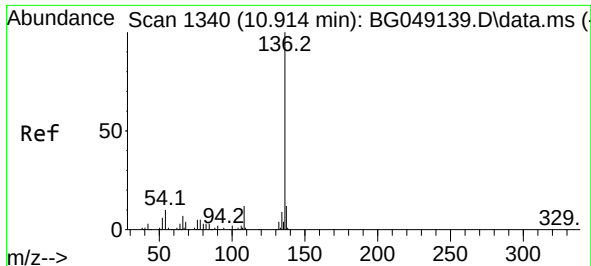
Tgt Ion: 99 Resp: 44539
Ion Ratio Lower Upper
99 100
42 26.8 20.5 30.7
71 47.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.073 ng
RT: 9.255 min Scan# 1058
Delta R.T. 0.357 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

Tgt Ion: 70 Resp: 43767
Ion Ratio Lower Upper
70 100
42 53.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#

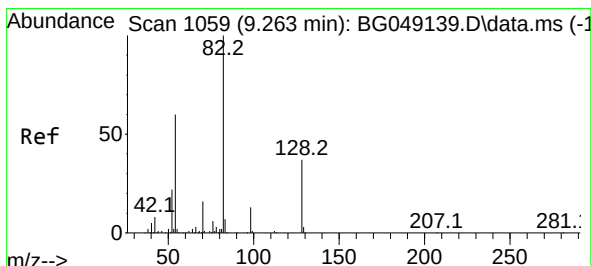
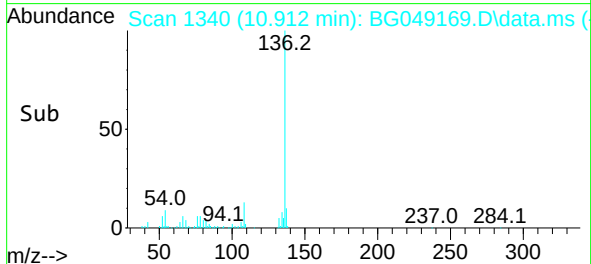
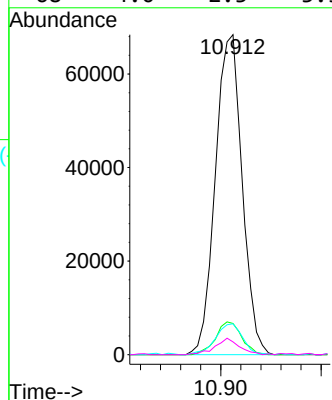
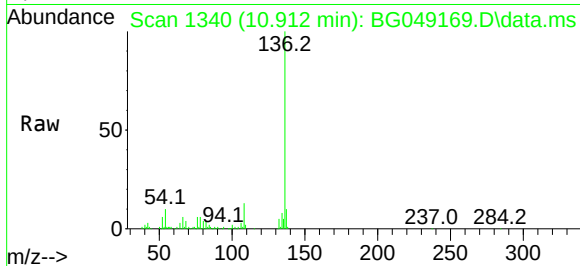




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 1340
Delta R.T. -0.002 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

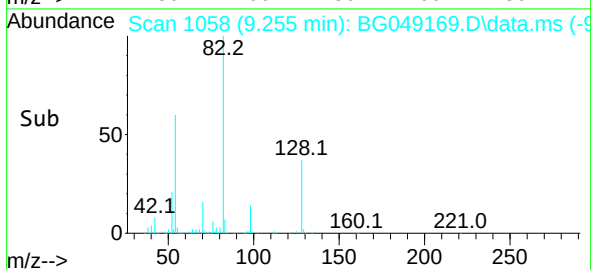
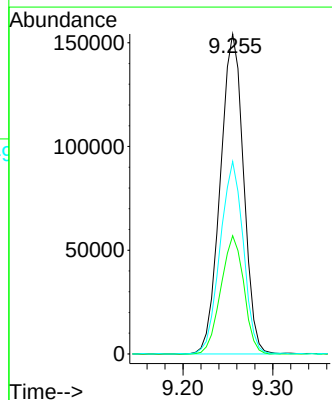
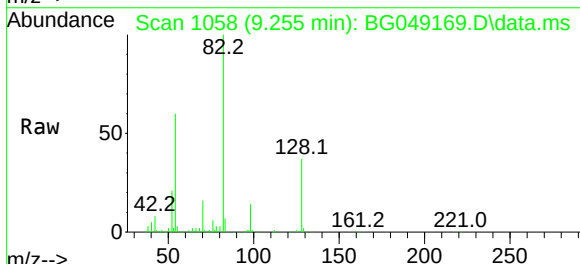
Instrument :
BNA_G
ClientSampleId :
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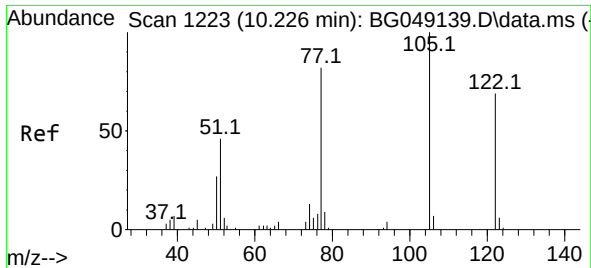
Tgt Ion:	136	Resp:	126586
Ion Ratio	Lower	Upper	
136	100		
137	9.8	8.2	12.2
54	9.6	5.5	8.3#
68	4.0	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 92.772 ng
RT: 9.255 min Scan# 1058
Delta R.T. -0.007 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

Tgt Ion:	82	Resp:	276990
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.8	44.6
54	60.1	45.8	68.8

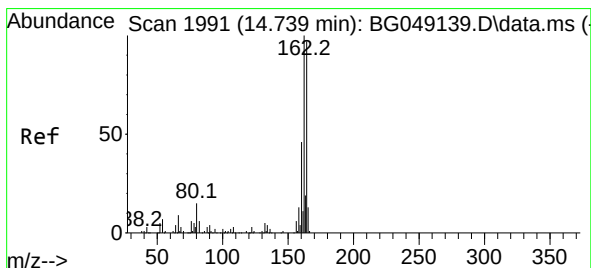
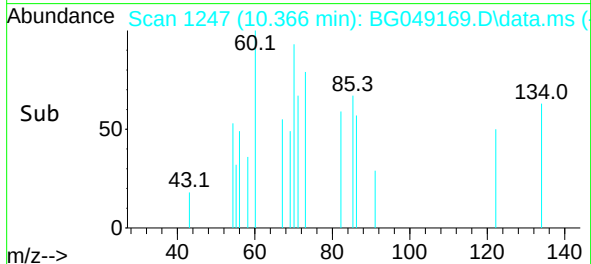
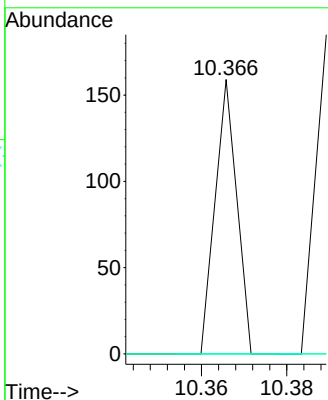
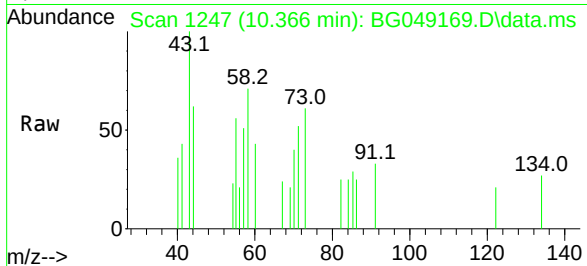




#32
Benzoic acid
Concen: 6.307 ng
RT: 10.366 min Scan# 1247
Delta R.T. 0.140 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

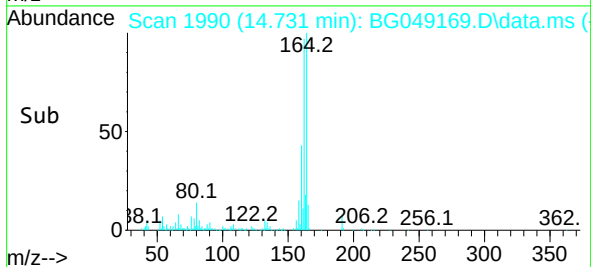
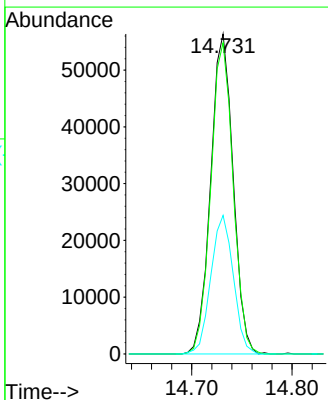
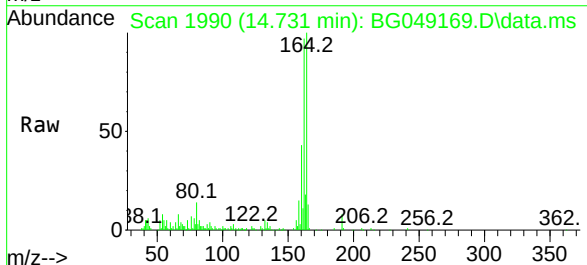
Instrument :
BNA_G
ClientSampleId :
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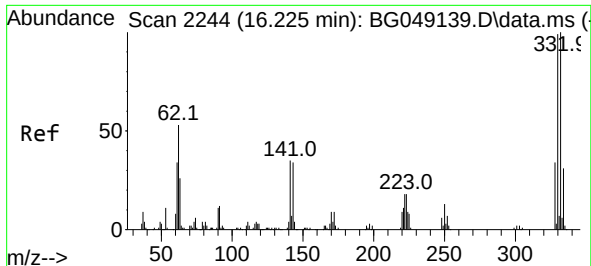
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1990
Delta R.T. -0.008 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

Tgt Ion:164 Resp: 87332
Ion Ratio Lower Upper
164 100
162 97.3 81.4 122.0
160 43.3 34.9 52.3

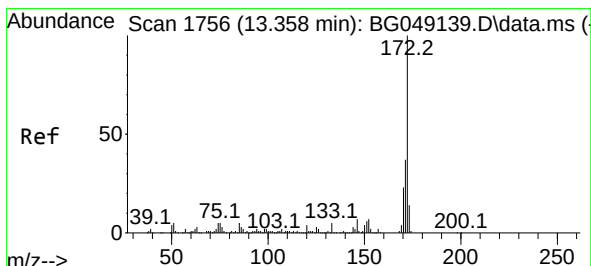
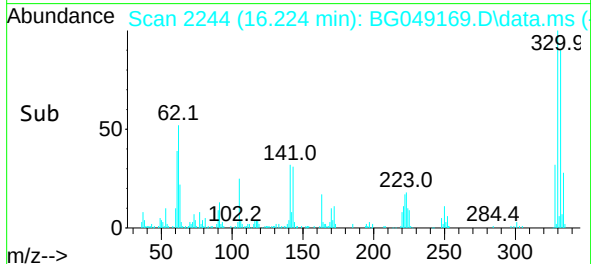
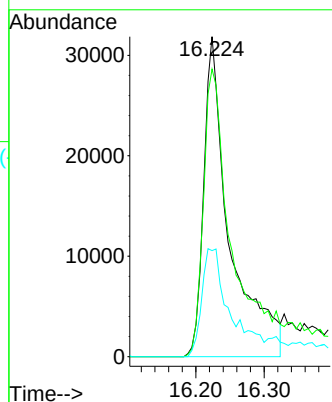
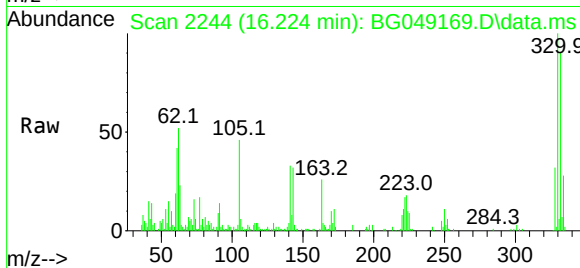




#42
2,4,6-Tribromophenol
Concen: 55.689 ng
RT: 16.224 min Scan# 2244
Delta R.T. -0.002 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

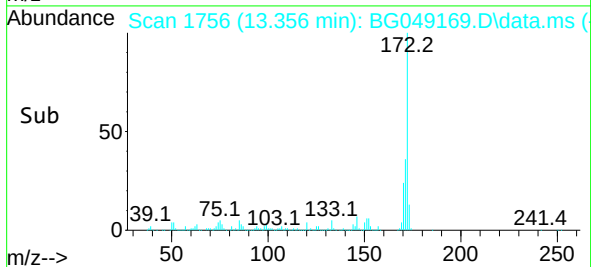
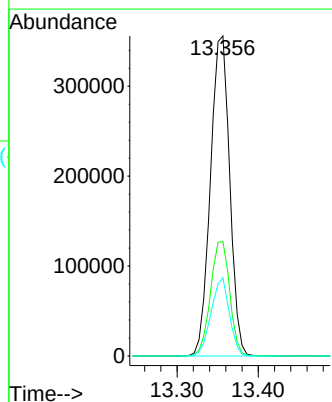
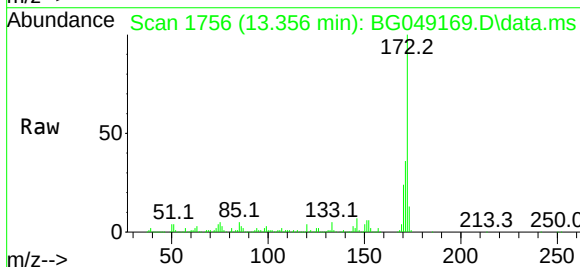
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ClientSampleId :
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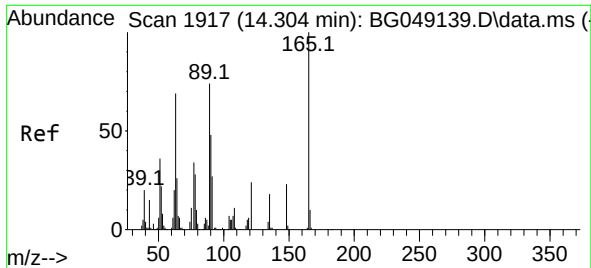
Tgt Ion:330 Resp: 84309
Ion Ratio Lower Upper
330 100
332 100.1 77.3 115.9
141 36.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 90.339 ng
RT: 13.356 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

Tgt Ion:172 Resp: 584777
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.4 18.6 27.8

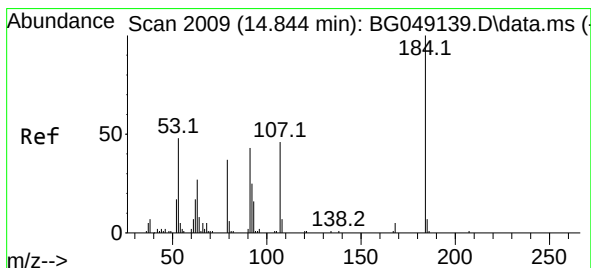
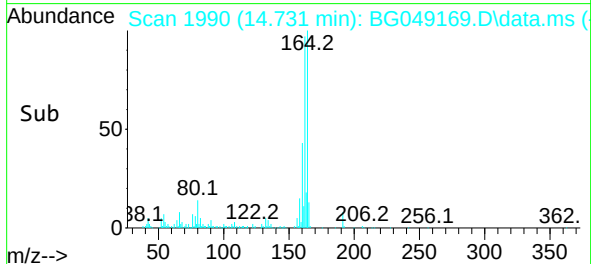
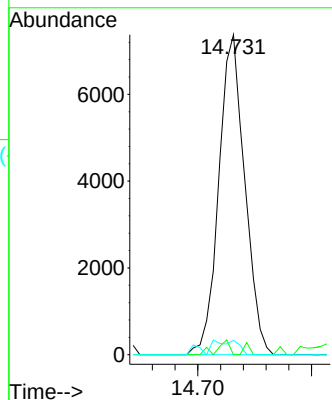
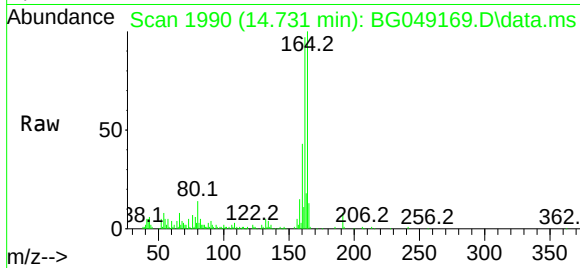




#51
2,6-Dinitrotoluene
Concen: 7.265 ng
RT: 14.731 min Scan# 1990
Delta R.T. 0.427 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

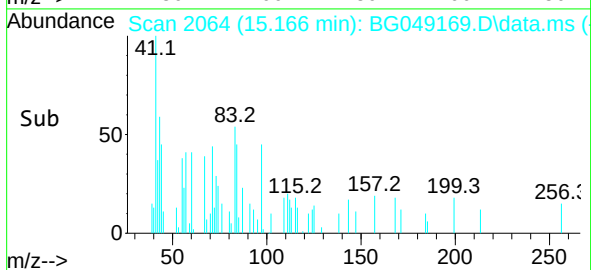
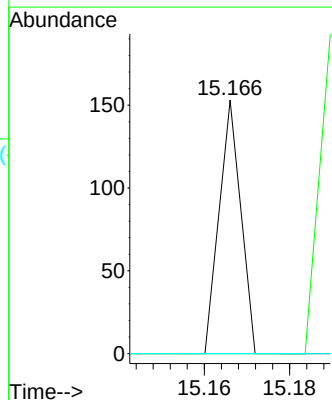
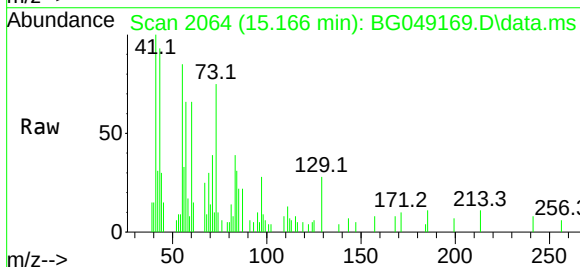
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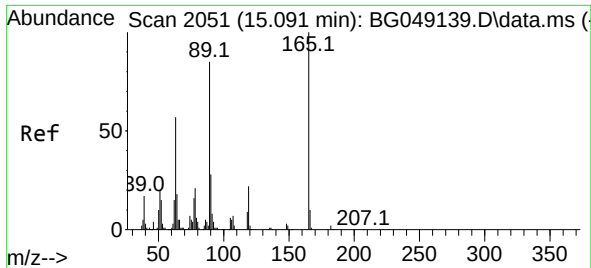
Tgt Ion:165 Resp: 11673
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 4.5 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.210 ng
RT: 15.166 min Scan# 2064
Delta R.T. 0.322 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

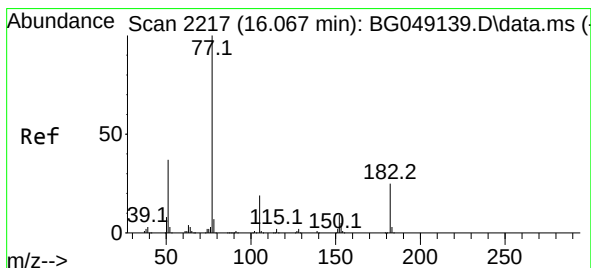
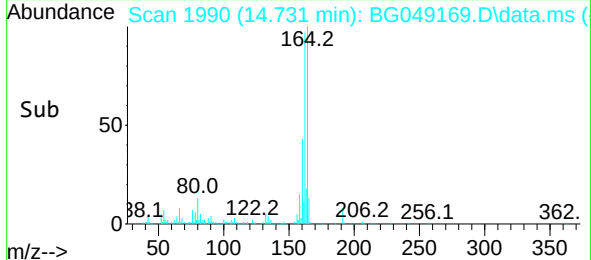
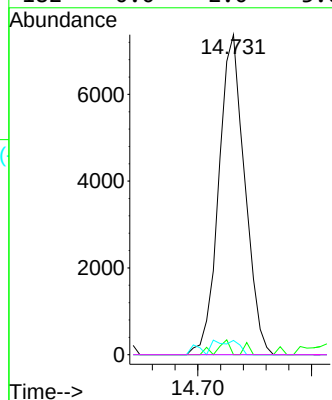
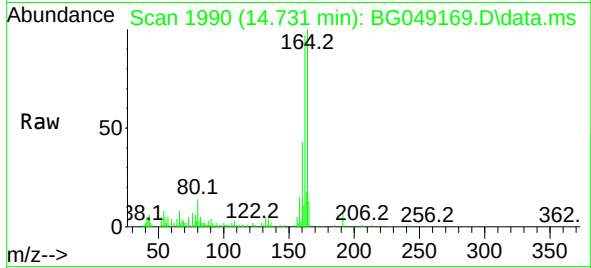




#57
2,4-Dinitrotoluene
Concen: 5.115 ng
RT: 14.731 min Scan# 1990
Delta R.T. -0.360 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

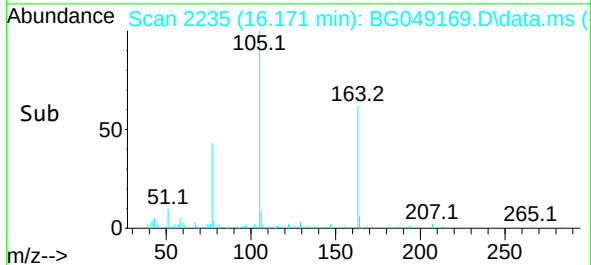
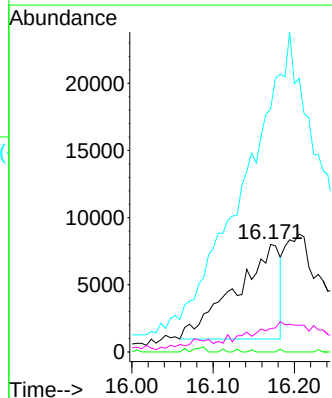
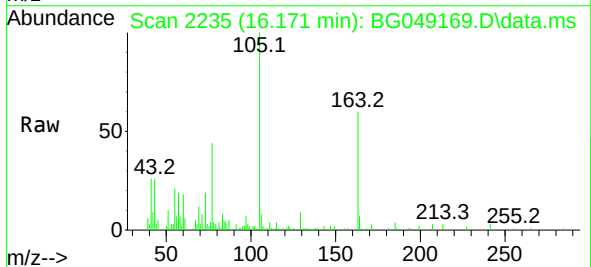
Instrument :
BNA_G
ClientSampleId :
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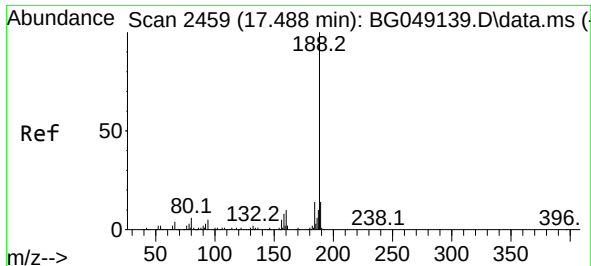
Tgt Ion:165	Resp:	11673
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	4.5	65.4 98.0#
182	0.0	2.0 3.0#



#63
Azobenzene
Concen: 3.589 ng
RT: 16.171 min Scan# 2235
Delta R.T. 0.104 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

Tgt Ion: 77	Resp:	26872
Ion Ratio	Lower	Upper
77	100	
182	0.0	7.9 47.9#
105	225.8	0.0 37.9#
51	21.8	27.3 67.3#

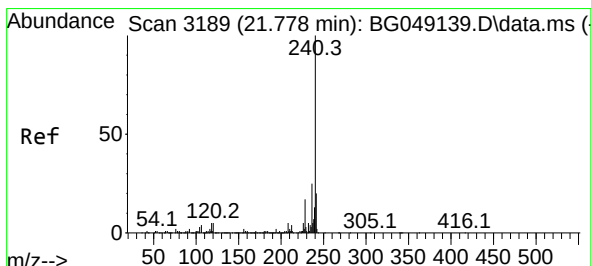
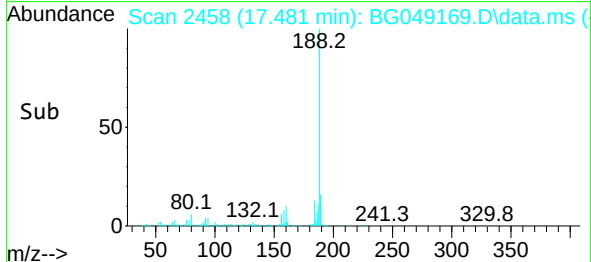
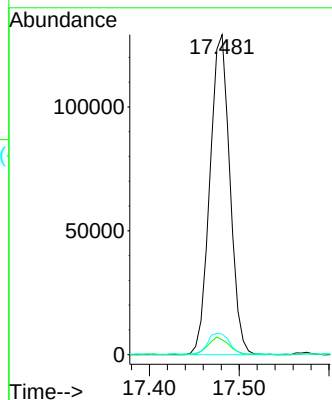
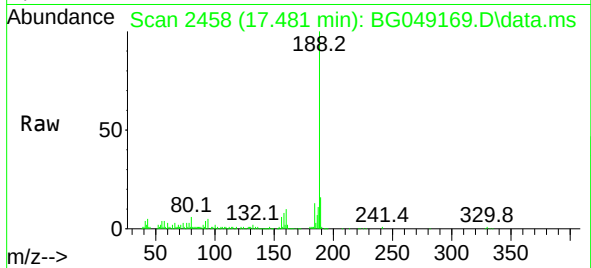




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2458
Delta R.T. -0.007 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

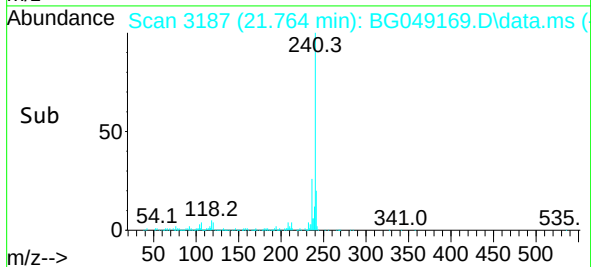
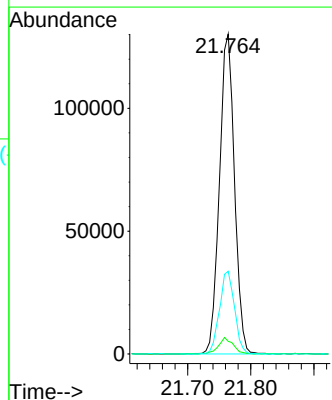
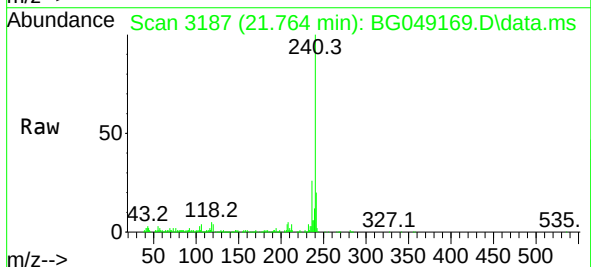
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

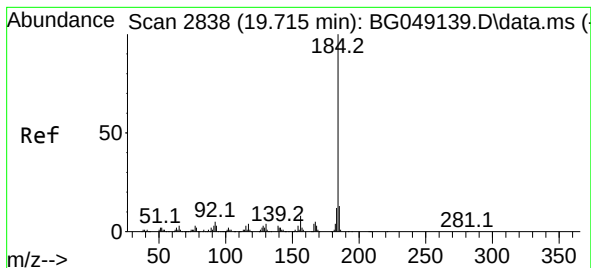
Tgt Ion:188 Resp: 199283
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 6.5 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.764 min Scan# 3187
Delta R.T. -0.013 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

Tgt Ion:240 Resp: 214982
Ion Ratio Lower Upper
240 100
120 4.0 4.2 6.2#
236 25.9 21.8 32.6





#77

Benzidine

Concen: 4.728 ng

RT: 20.090 min Scan# 2902

Delta R.T. 0.374 min

Lab File: BG049169.D

Acq: 2 Jul 2021 16:07

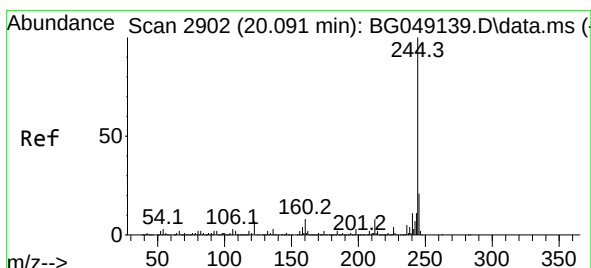
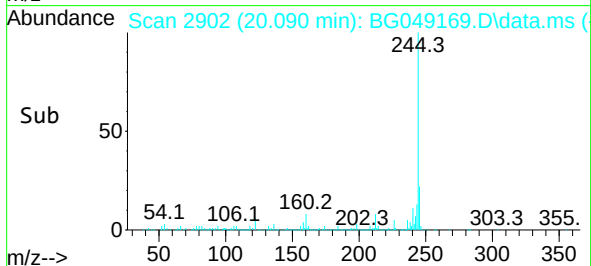
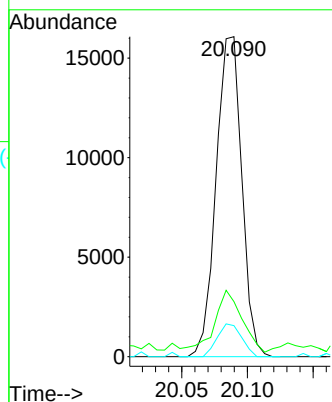
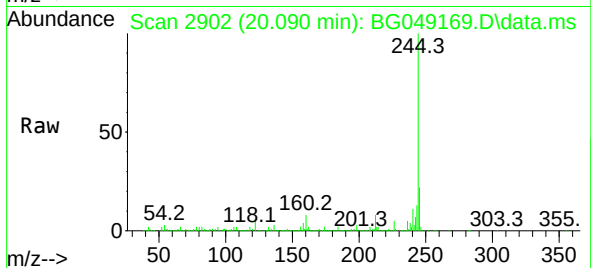
Tgt Ion:184 Resp: 21834

Ion Ratio Lower Upper

184 100

185 17.2 10.7 16.1#

183 9.7 9.4 14.0



#79

Terphenyl-d14

Concen: 87.075 ng

RT: 20.090 min Scan# 2902

Delta R.T. -0.002 min

Lab File: BG049169.D

Acq: 2 Jul 2021 16:07

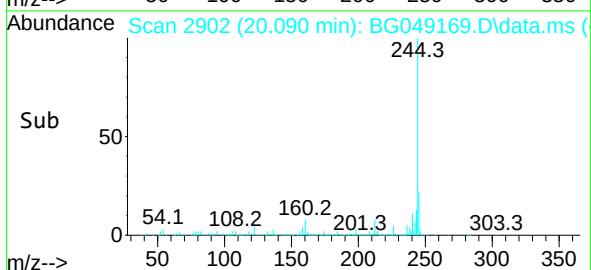
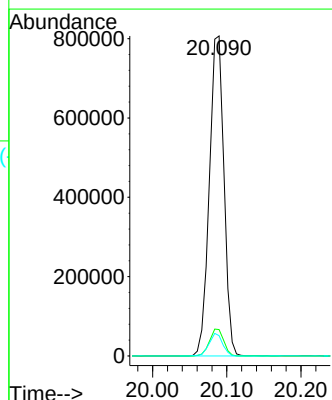
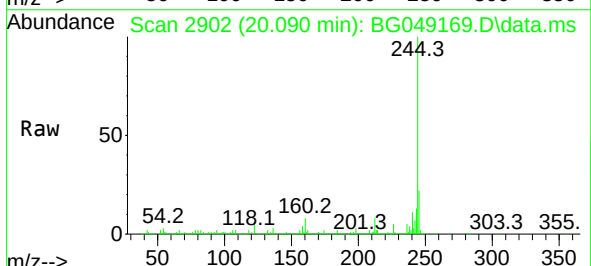
Tgt Ion:244 Resp: 1104716

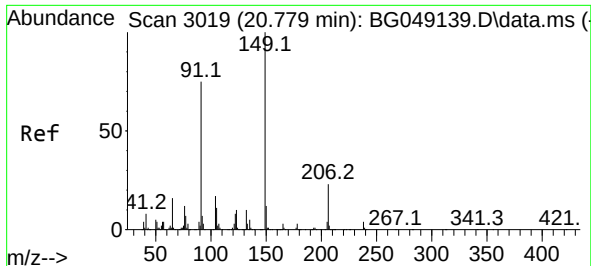
Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

122 6.4 5.0 7.6

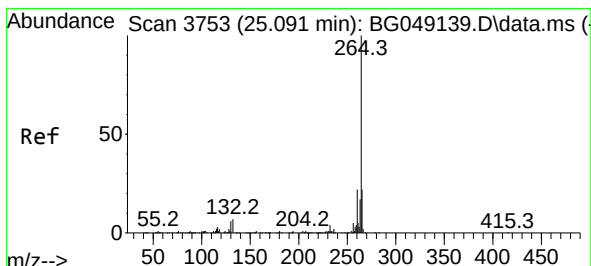
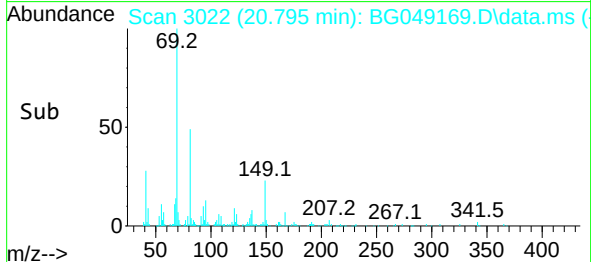
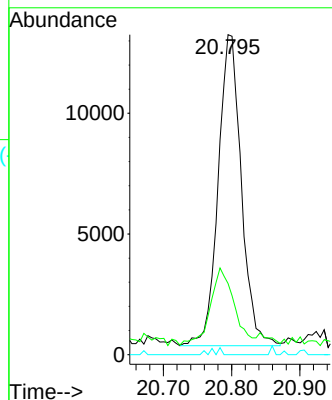
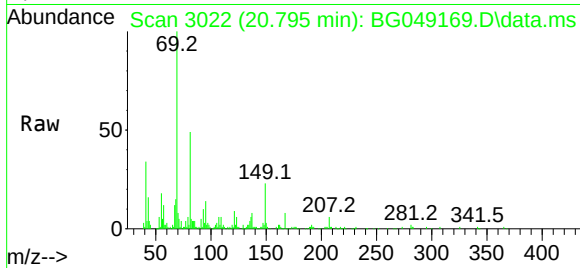




#80
Butylbenzylphthalate
Concen: 5.035 ng
RT: 20.795 min Scan# 3022
Delta R.T. 0.016 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion:149 Resp: 30457
Ion Ratio Lower Upper
149 100
91 22.3 63.4 95.2#
206 0.0 18.4 27.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.072 min Scan# 3750
Delta R.T. -0.019 min
Lab File: BG049169.D
Acq: 2 Jul 2021 16:07

Tgt Ion:264 Resp: 230515
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.2
265 21.3 16.9 25.3

