

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
 Data File : BG049157.D
 Acq On : 1 Jul 2021 17:21
 Operator : CG/JU
 Sample : M2875-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Jul 01 18:13:05 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)

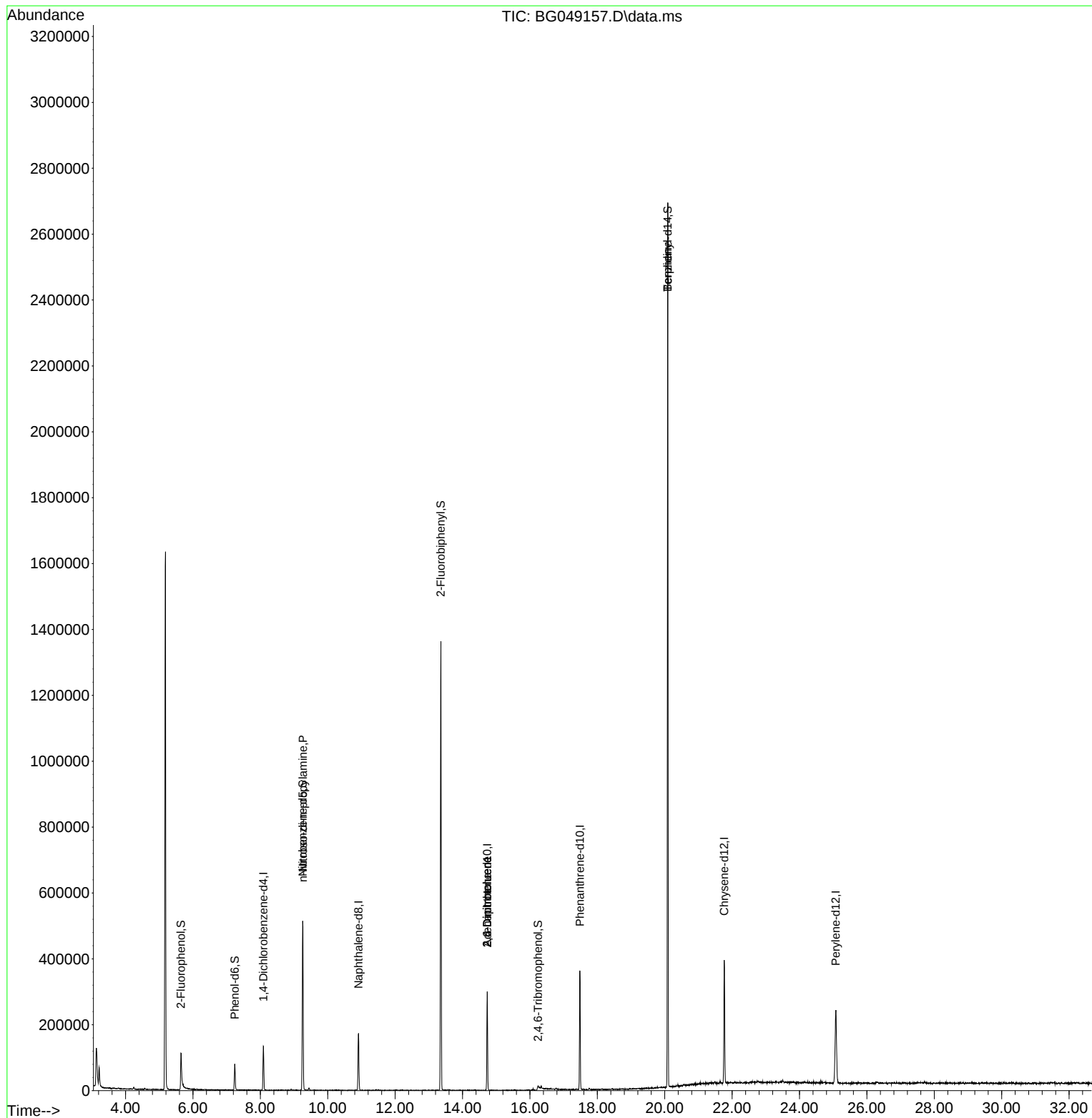
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	34842	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	145458	20.000	ng	# 0.00
39) Acenaphthene-d10	14.732	164	104248	20.000	ng	0.00
64) Phenanthrene-d10	17.482	188	234715	20.000	ng	# 0.00
76) Chrysene-d12	21.765	240	240940	20.000	ng	-0.01
86) Perylene-d12	25.079	264	255963	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	68320	30.712	ng	0.00
7) Phenol-d6	7.241	99	41209	12.993	ng	0.00
23) Nitrobenzene-d5	9.256	82	310602	90.533	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	4430	2.451	ng	0.01
45) 2-Fluorobiphenyl	13.357	172	704520	91.177	ng	0.00
79) Terphenyl-d14	20.090	244	1251337	88.006	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.262	70	48686	21.360	ng	# 71
51) 2,6-Dinitrotoluene	14.732	165	13873	7.233	ng	# 14
57) 2,4-Dinitrotoluene	14.732	165	13873	5.092	ng	# 19
77) Benzidine	20.090	184	23774	4.594	ng	# 91

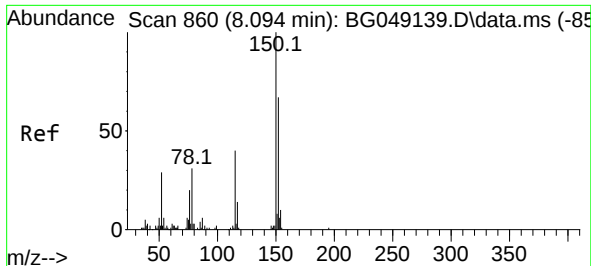
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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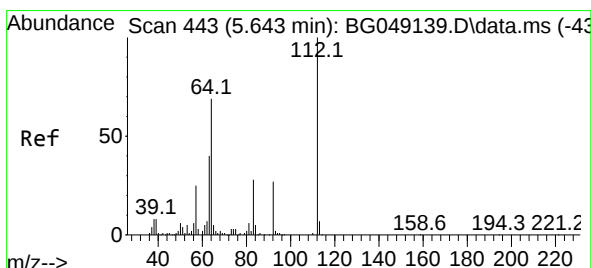
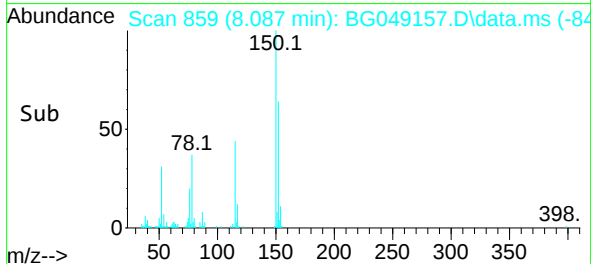
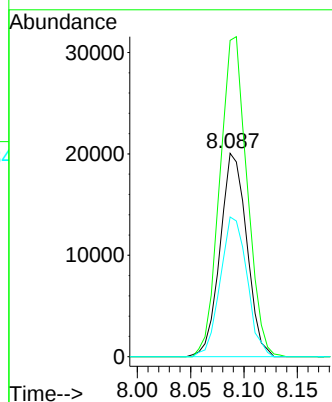
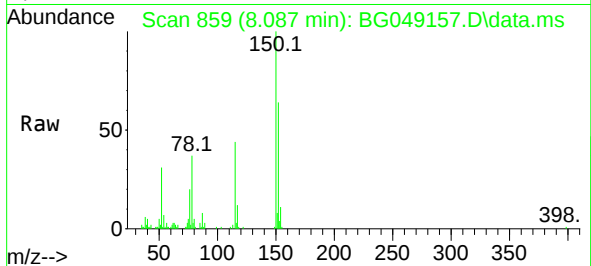




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 859
Delta R.T. -0.007 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21

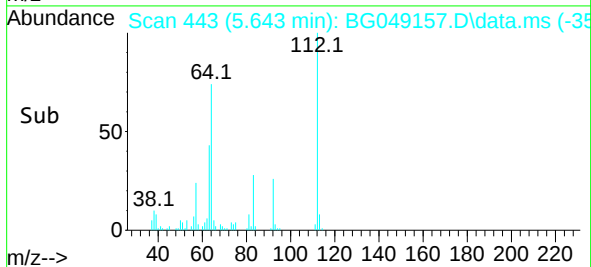
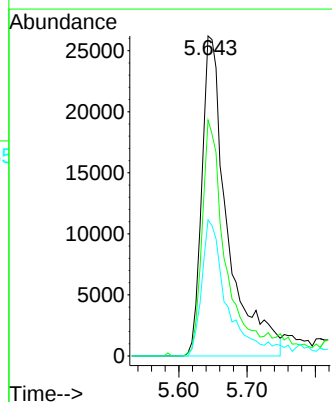
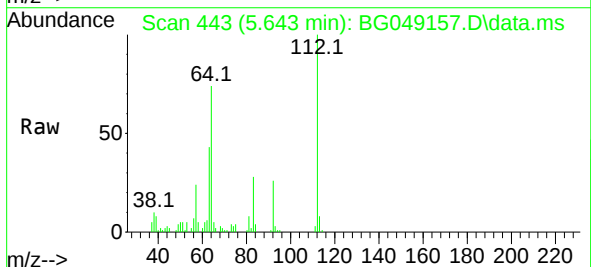
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BNA_G
ClientSampleId :
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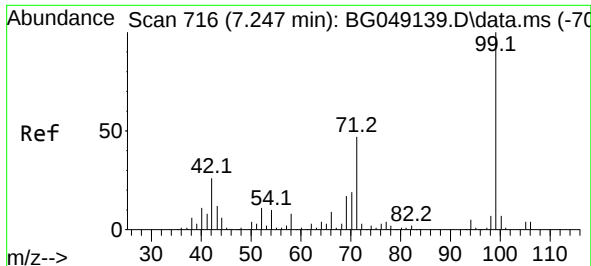
Tgt Ion:152 Resp: 34842
Ion Ratio Lower Upper
152 100
150 155.5 119.4 179.0
115 68.6 60.2 90.4



#5
2-Fluorophenol
Concen: 30.712 ng
RT: 5.643 min Scan# 443
Delta R.T. -0.001 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21

Tgt Ion:112 Resp: 68320
Ion Ratio Lower Upper
112 100
64 73.7 46.7 70.1#
63 42.6 35.3 52.9

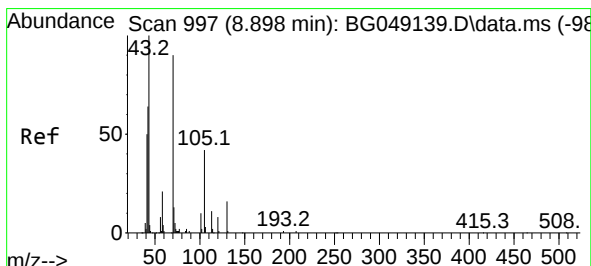
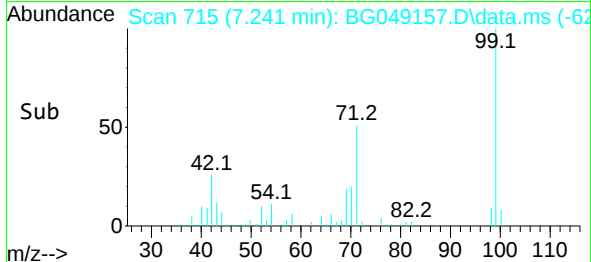
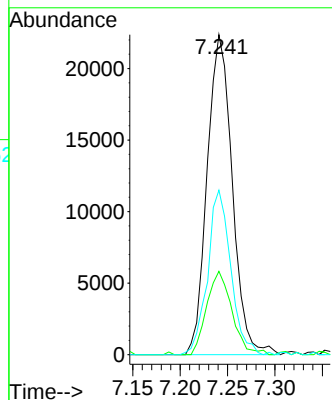
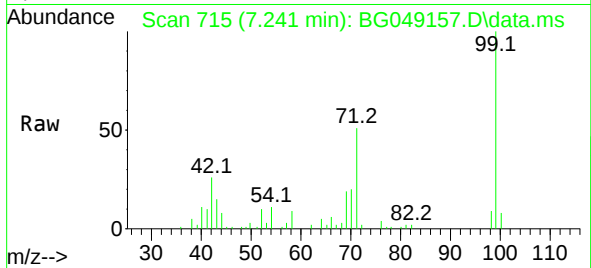




#7
Phenol-d6
Concen: 12.993 ng
RT: 7.241 min Scan# 715
Delta R.T. -0.007 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21

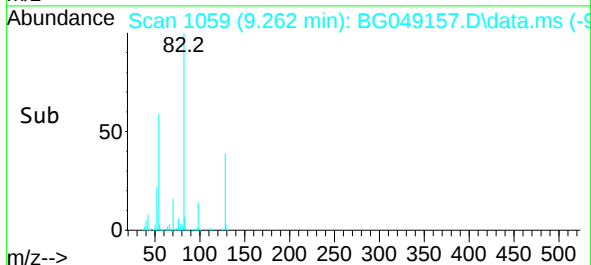
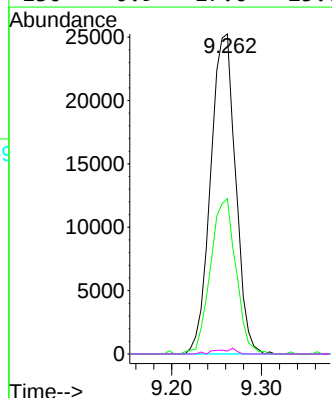
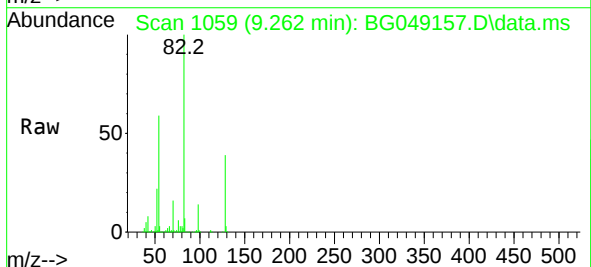
Instrument :
BNA_G
ClientSampleId :
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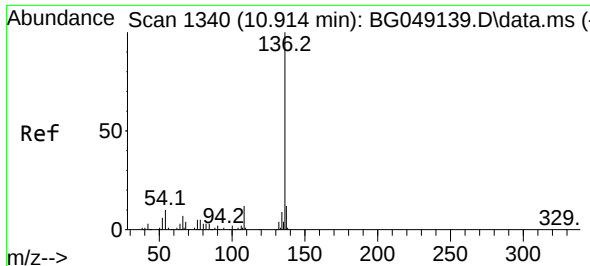
Tgt Ion: 99 Resp: 41209
Ion Ratio Lower Upper
99 100
42 26.1 20.5 30.7
71 51.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.360 ng
RT: 9.262 min Scan# 1059
Delta R.T. 0.364 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21

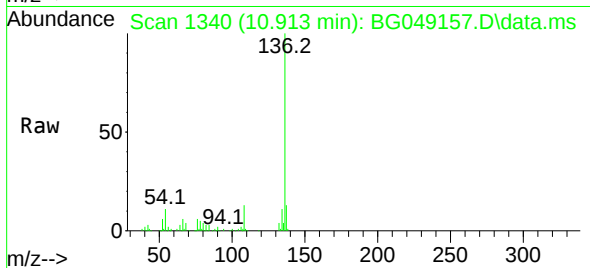
Tgt Ion: 70 Resp: 48686
Ion Ratio Lower Upper
70 100
42 48.6 54.5 81.7#
101 0.0 9.0 13.6#
130 0.9 17.0 25.6#



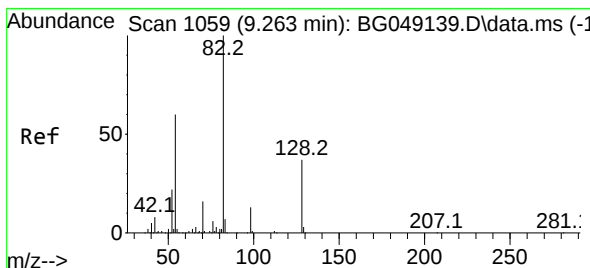
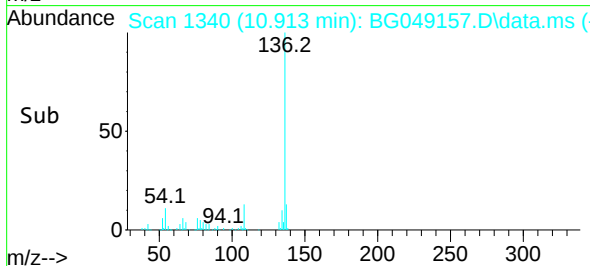
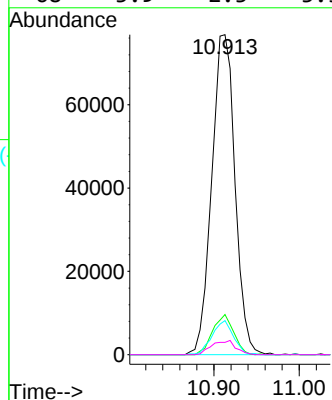


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1340
Delta R.T. -0.001 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21

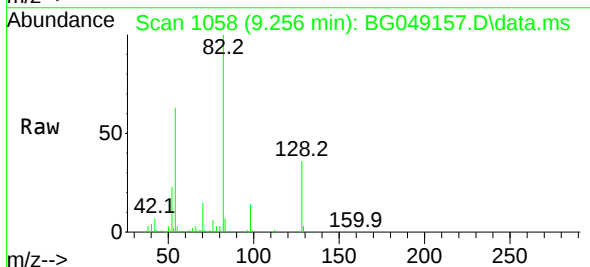
Instrument :
BNA_G
ClientSampleId :
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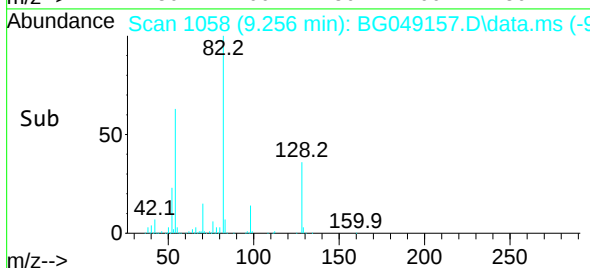
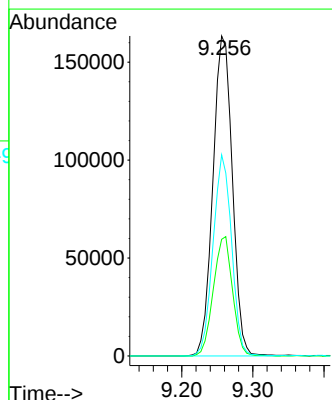
Tgt Ion:	136	Resp:	145458
Ion Ratio	100	Lower	Upper
136	100		
137	12.6	8.2	12.2#
54	10.6	5.5	8.3#
68	3.9	2.3	3.5#

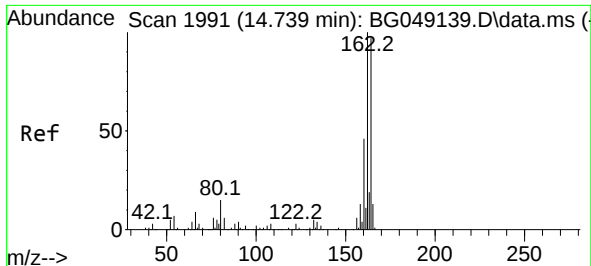


#23
Nitrobenzene-d5
Concen: 90.533 ng
RT: 9.256 min Scan# 1058
Delta R.T. -0.007 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21



Tgt Ion:	82	Resp:	310602
Ion Ratio	100	Lower	Upper
82	100		
128	36.4	29.8	44.6
54	62.8	45.8	68.8

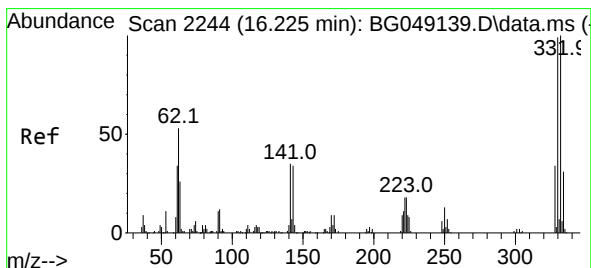
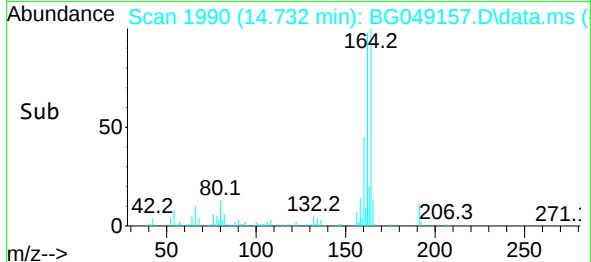
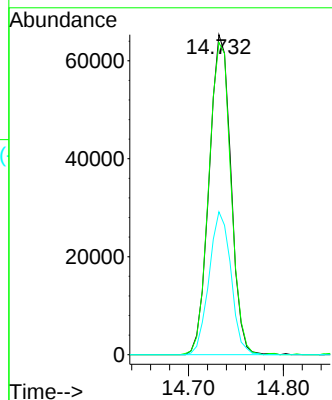
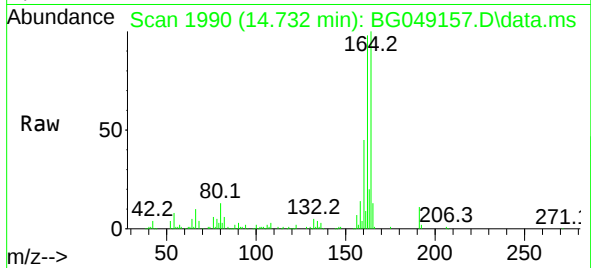




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.732 min Scan# 1990
Delta R.T. -0.007 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21

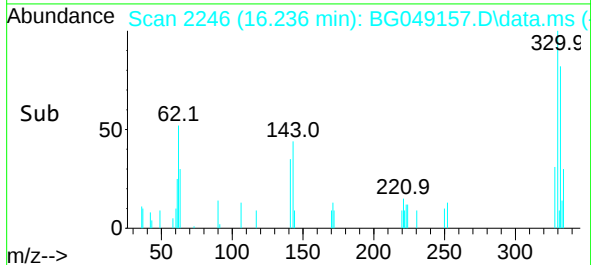
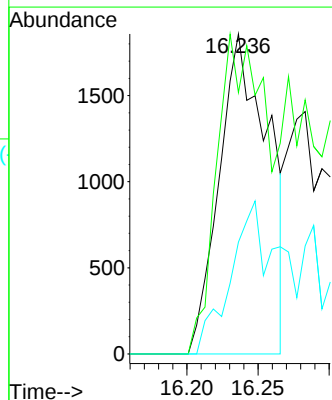
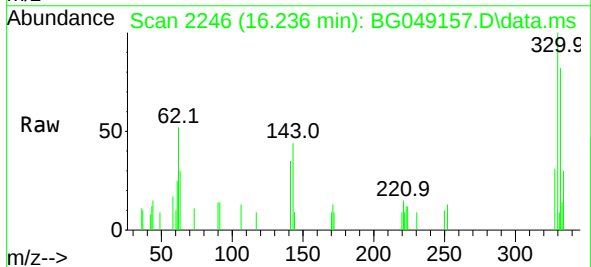
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ClientSampleId :
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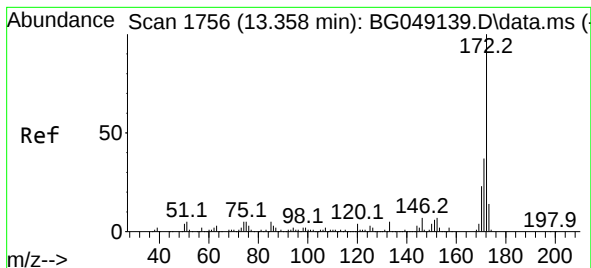
Tgt Ion:164 Resp: 104248
Ion Ratio Lower Upper
164 100
162 97.6 81.4 122.0
160 44.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 2.451 ng
RT: 16.236 min Scan# 2246
Delta R.T. 0.011 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21

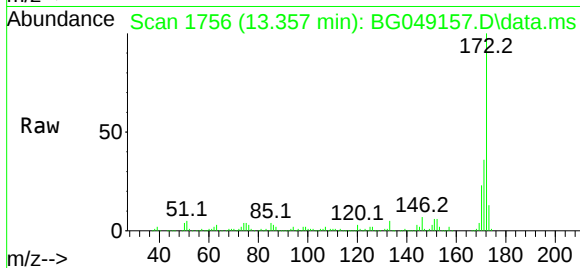
Tgt Ion:330 Resp: 4430
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 47.7 35.6 53.4



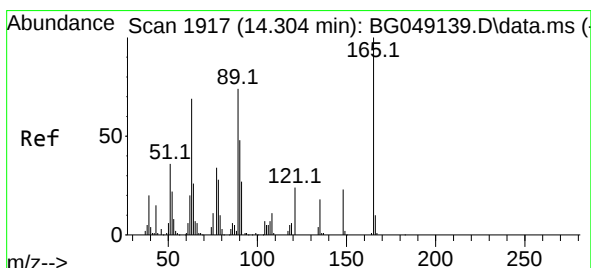
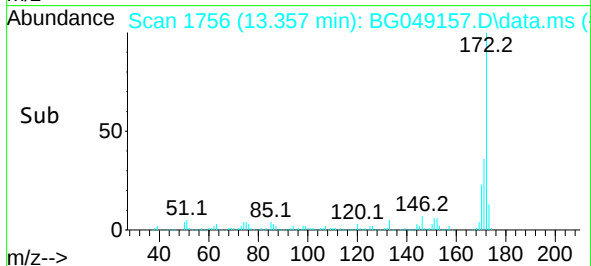
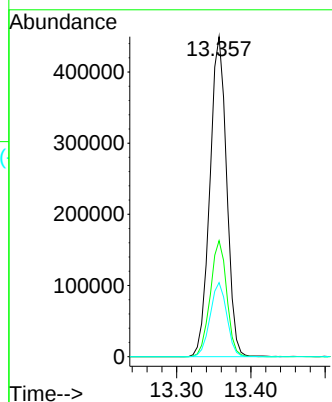


#45
2-Fluorobiphenyl
Concen: 91.177 ng
RT: 13.357 min Scan# 1756
Delta R.T. -0.001 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

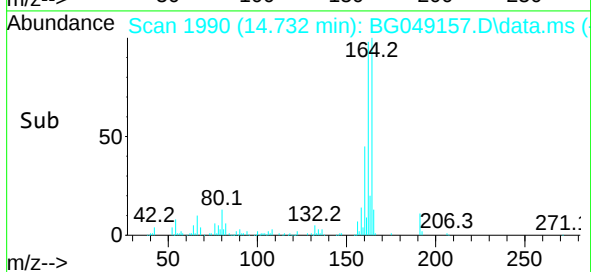
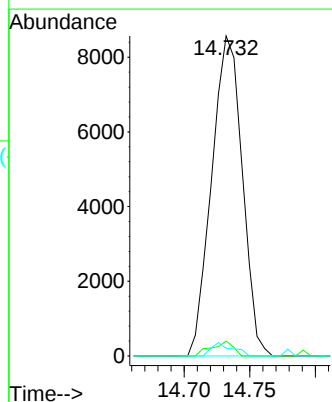
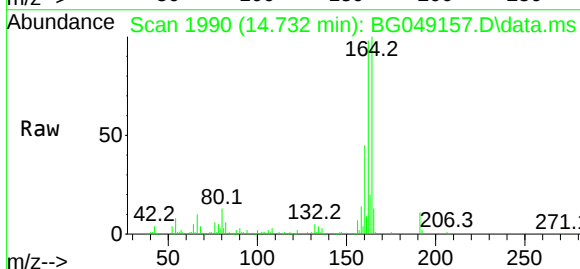


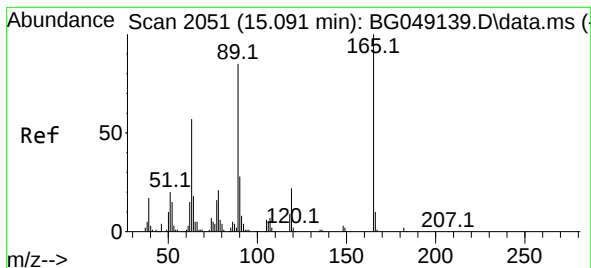
Tgt Ion:172 Resp: 704520
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.233 ng
RT: 14.732 min Scan# 1990
Delta R.T. 0.428 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21

Tgt Ion:165 Resp: 13873
Ion Ratio Lower Upper
165 100
63 4.6 63.3 94.9#
89 2.5 63.4 95.0#

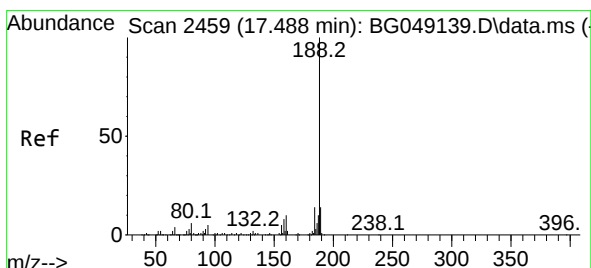
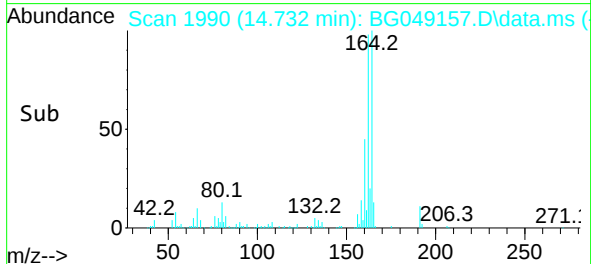
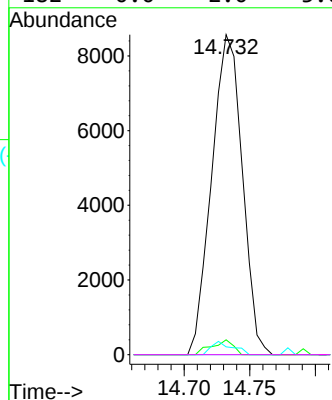
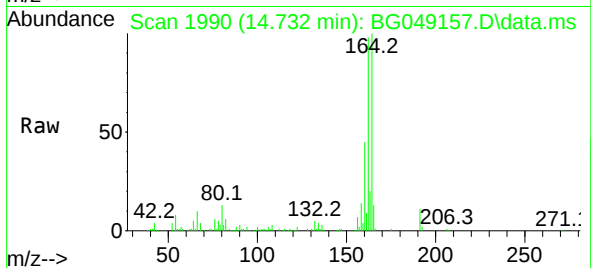




#57
2,4-Dinitrotoluene
Concen: 5.092 ng
RT: 14.732 min Scan# 1990
Delta R.T. -0.359 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21

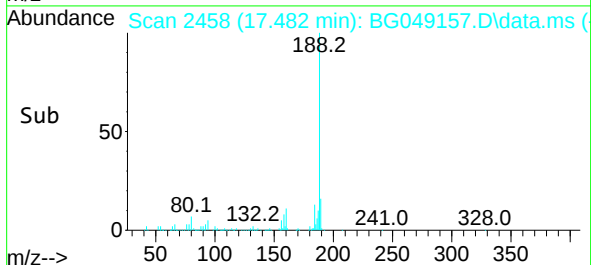
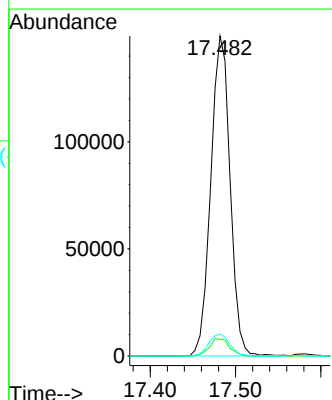
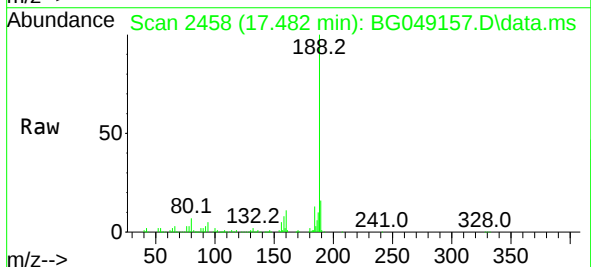
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ClientSampleId :
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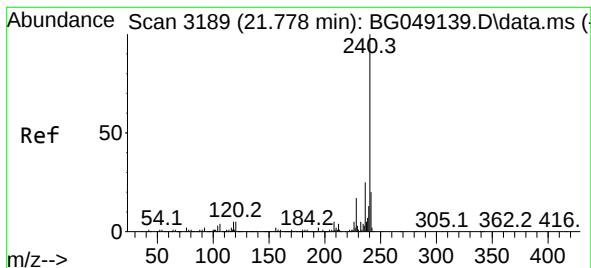
Tgt Ion:165 Resp: 13873
Ion Ratio Lower Upper
165 100
63 4.6 48.0 72.0#
89 2.5 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.482 min Scan# 2458
Delta R.T. -0.007 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21

Tgt Ion:188 Resp: 234715
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 6.9 3.7 5.5#

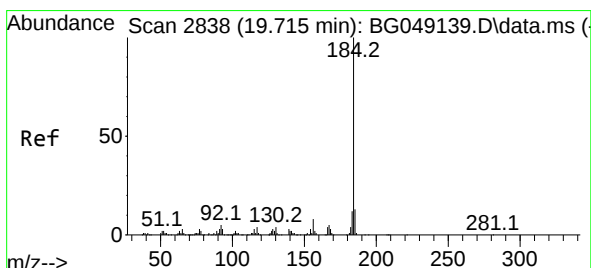
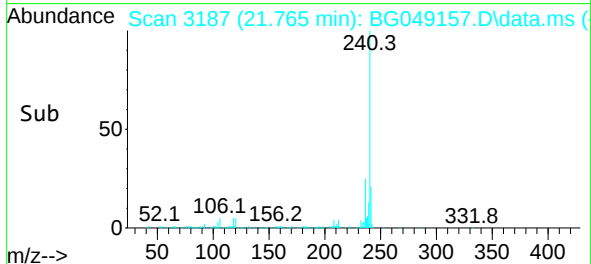
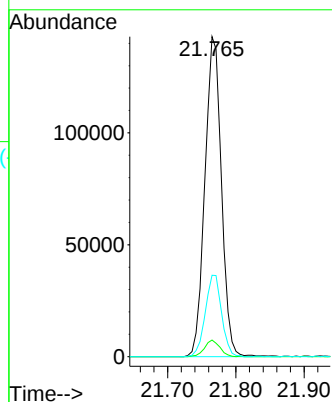
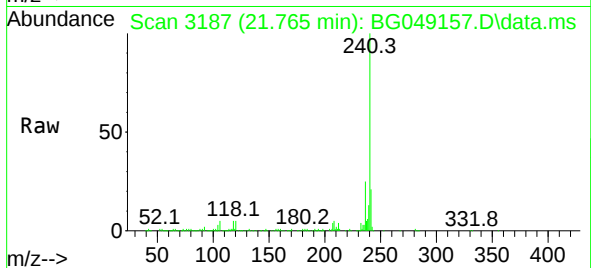




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.765 min Scan# 3187
Delta R.T. -0.013 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21

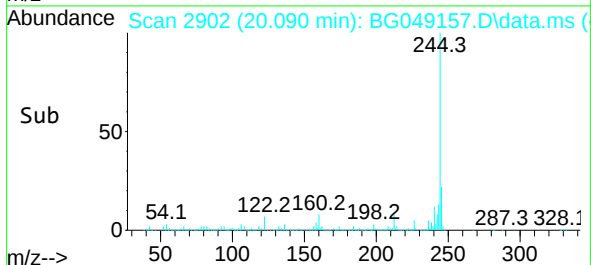
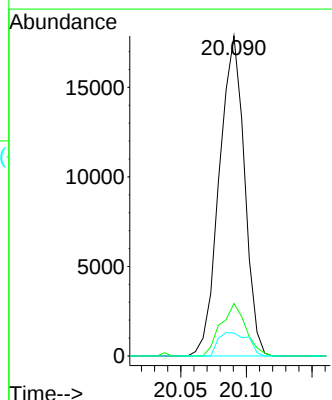
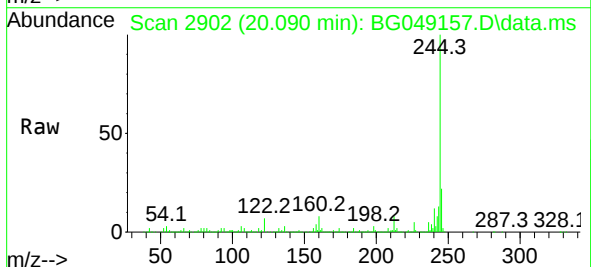
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ClientSampleId :
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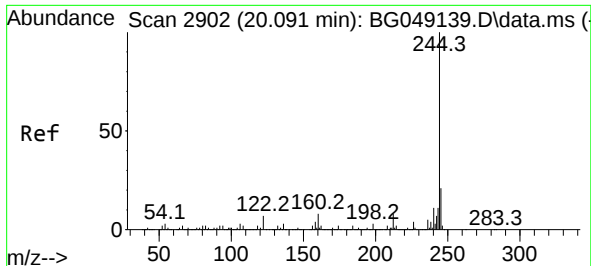
Tgt Ion:240 Resp: 240940
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 25.5 21.8 32.6



#77
Benzidine
Concen: 4.594 ng
RT: 20.090 min Scan# 2902
Delta R.T. 0.375 min
Lab File: BG049157.D
Acq: 1 Jul 2021 17:21

Tgt Ion:184 Resp: 23774
Ion Ratio Lower Upper
184 100
185 16.4 10.7 16.1#
183 7.2 9.4 14.0#

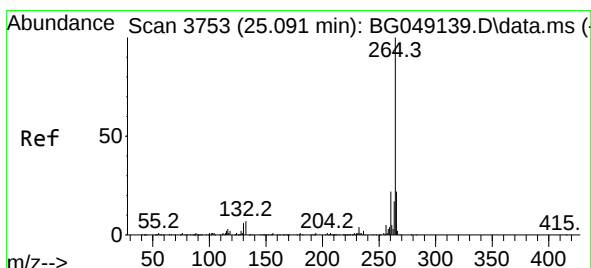
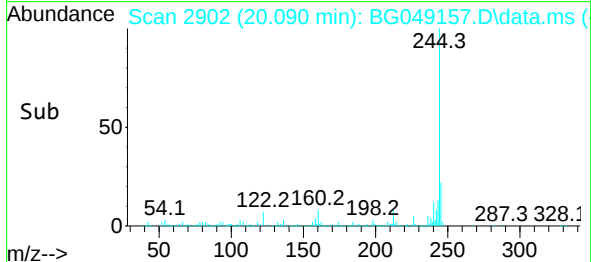
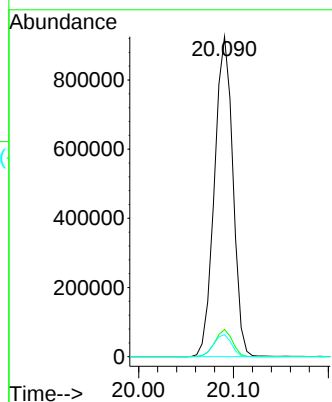
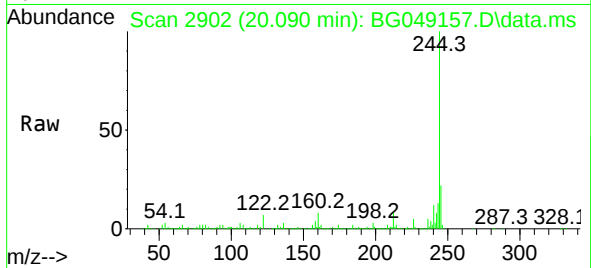




#79
 Terphenyl-d14
 Concen: 88.006 ng
 RT: 20.090 min Scan# 2902
 Delta R.T. -0.001 min
 Lab File: BG049157.D
 Acq: 1 Jul 2021 17:21

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:244 Resp: 1251337
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 6.9 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.079 min Scan# 3751
 Delta R.T. -0.013 min
 Lab File: BG049157.D
 Acq: 1 Jul 2021 17:21

Tgt Ion:264 Resp: 255963
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 20.1 16.9 25.3

