

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
 Data File : BG049178.D
 Acq On : 2 Jul 2021 22:16
 Operator : CG/JU
 Sample : M2919-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B9-B9A-B10-B10A

Quant Time: Jul 03 01:10:51 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)

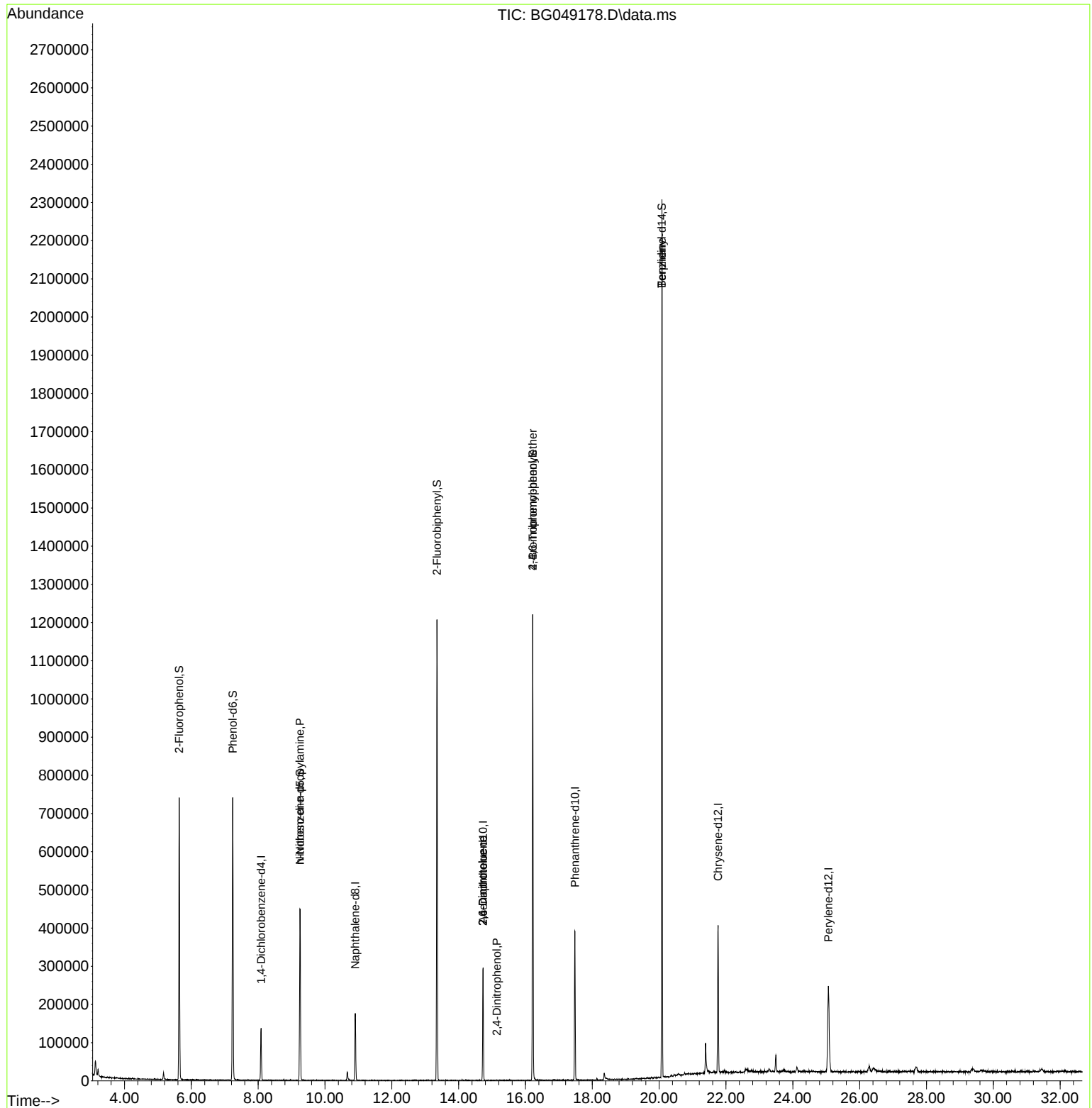
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	35327	20.00	ng	# 0.00
21) Naphthalene-d8	10.906	136	142674	20.00	ng	# 0.00
39) Acenaphthene-d10	14.731	164	110303	20.00	ng	0.00
64) Phenanthrene-d10	17.481	188	255021	20.00	ng	# 0.00
76) Chrysene-d12	21.764	240	251190	20.00	ng	-0.01
86) Perylene-d12	25.066	264	258866	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	284741	126.24	ng	0.00
7) Phenol-d6	7.240	99	378295	117.64	ng	0.00
23) Nitrobenzene-d5	9.249	82	273610	81.31	ng	-0.01
42) 2,4,6-Tribromophenol	16.218	330	241635	126.37	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	621547	76.02	ng	0.00
79) Terphenyl-d14	20.084	244	1081661	72.97	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.249	70	41219	17.84	ng	# 73
51) 2,6-Dinitrotoluene	14.725	165	13767	6.78	ng	# 12
54) 2,4-Dinitrophenol	15.142	184	55	5.20	ng	# 8
57) 2,4-Dinitrotoluene	14.725	165	13767	4.78	ng	# 17
67) 4-Bromophenyl-phenylether	16.218	248	14773	4.29	ng	# 1
77) Benzidine	20.084	184	20113	3.73	ng	# 93

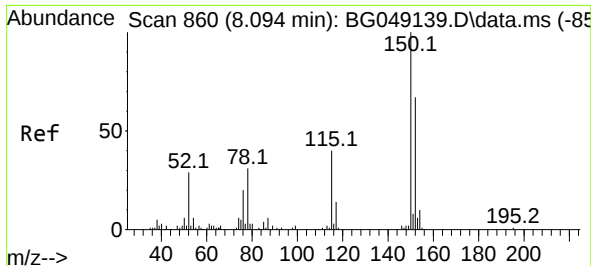
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
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FK-BPM-01-B9-B9A-B10-B10A

Quant Time: Jul 03 01:10:51 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

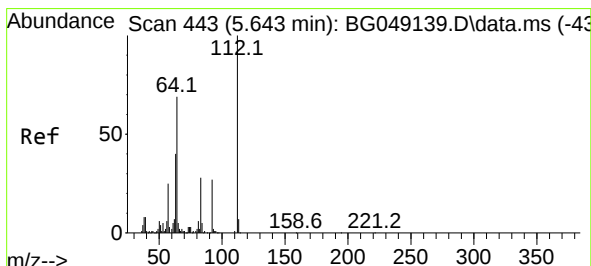
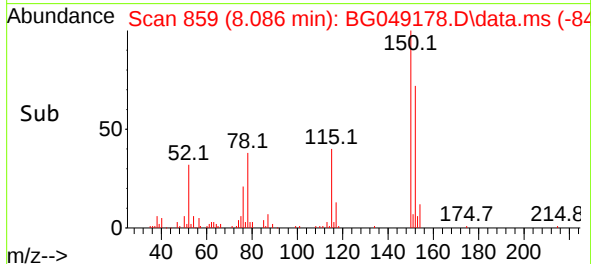
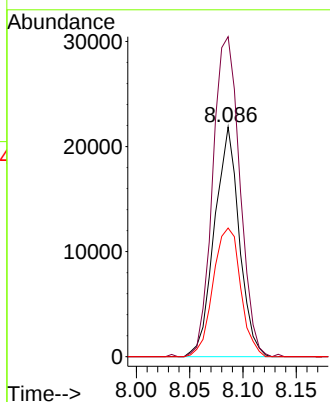
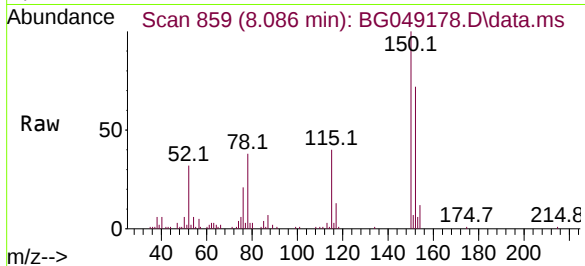




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.086 min Scan# 859
Delta R.T. -0.008 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

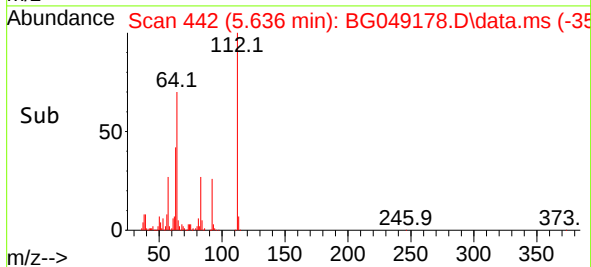
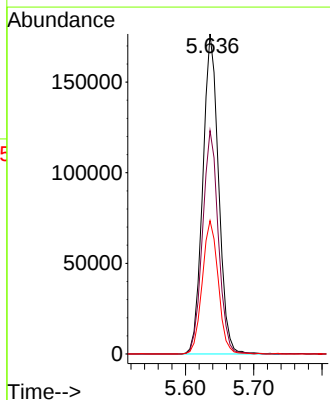
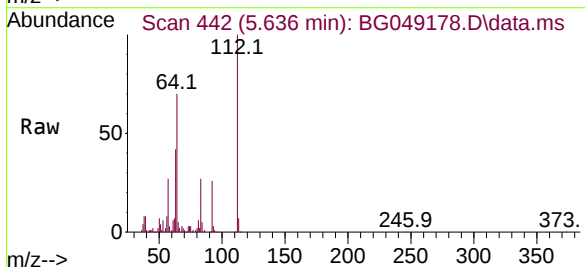
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B9-B9A-B10-B10A

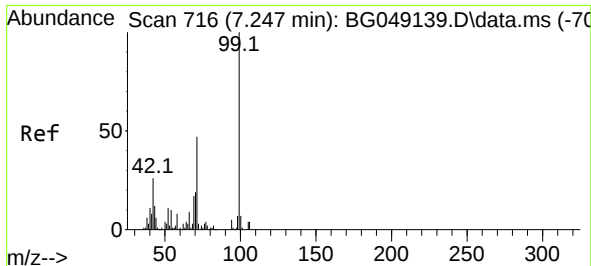
Tgt Ion:152 Resp: 35327
Ion Ratio Lower Upper
152 100
150 139.3 119.4 179.0
115 56.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 126.24 ng
RT: 5.636 min Scan# 442
Delta R.T. -0.008 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

Tgt Ion:112 Resp: 284741
Ion Ratio Lower Upper
112 100
64 69.8 46.7 70.1
63 41.6 35.3 52.9

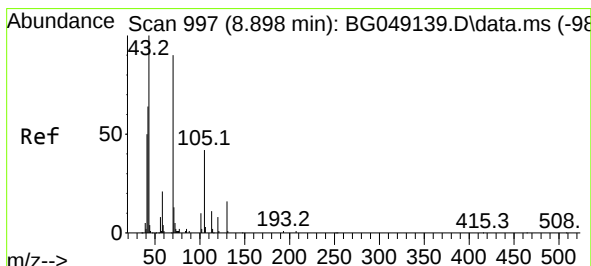
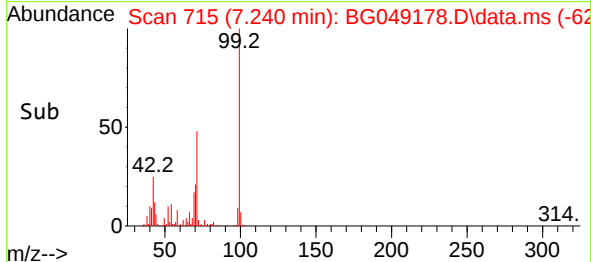
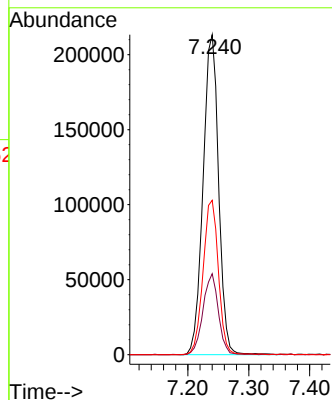
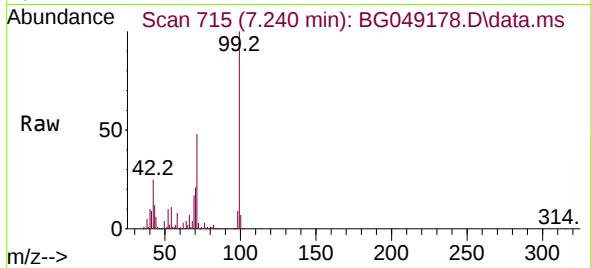




#7
Phenol-d6
Concen: 117.64 ng
RT: 7.240 min Scan# 715
Delta R.T. -0.008 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

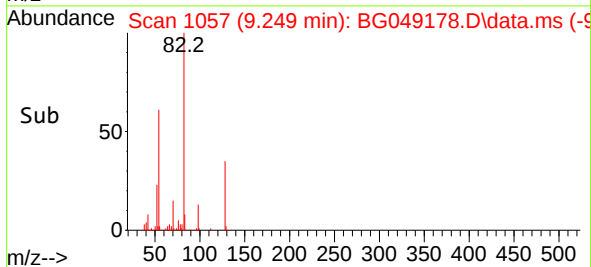
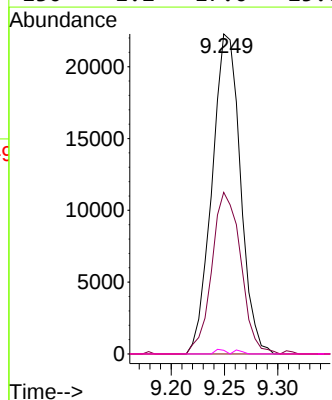
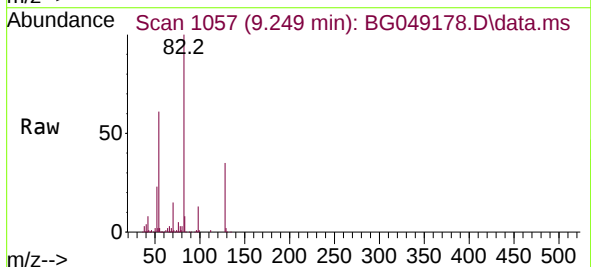
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B9-B9A-B10-B10A

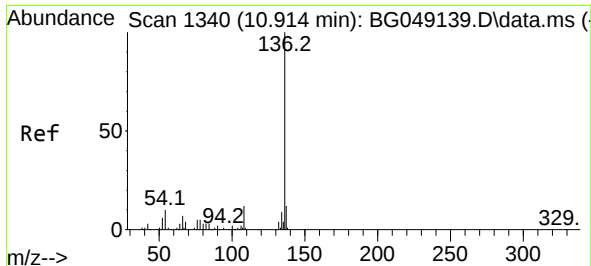
Tgt Ion: 99 Resp: 378295
Ion Ratio Lower Upper
99 100
42 25.3 20.5 30.7
71 48.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.84 ng
RT: 9.249 min Scan# 1057
Delta R.T. 0.351 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

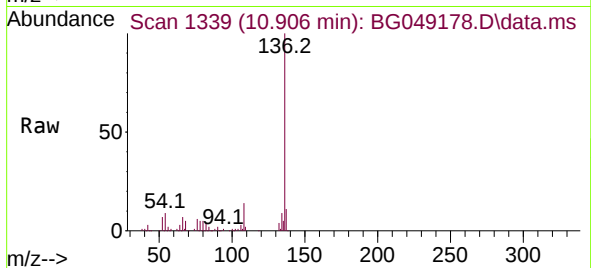
Tgt Ion: 70 Resp: 41219
Ion Ratio Lower Upper
70 100
42 50.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.2 17.0 25.6#



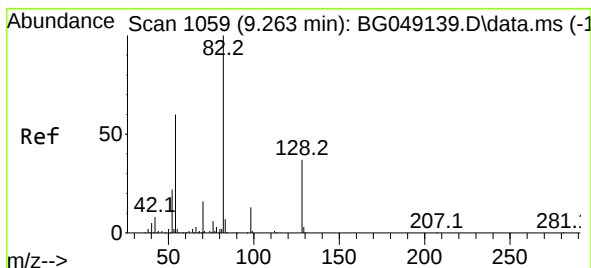
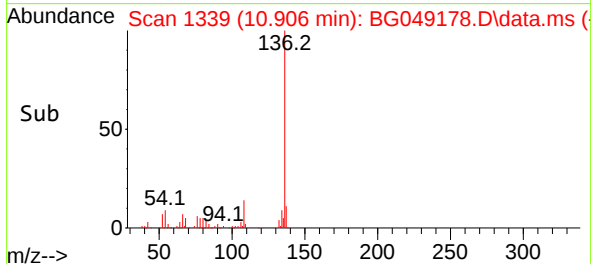
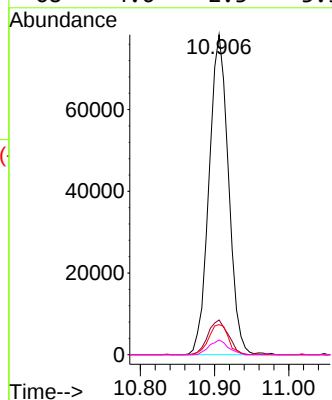


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1339
Delta R.T. -0.008 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B9-B9A-B10-B10A

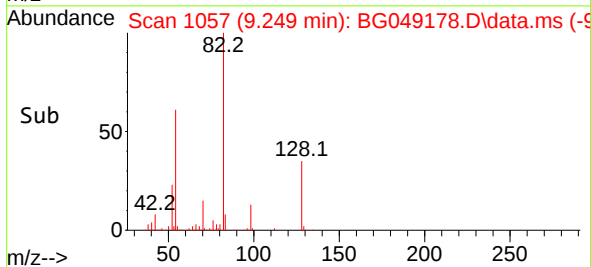
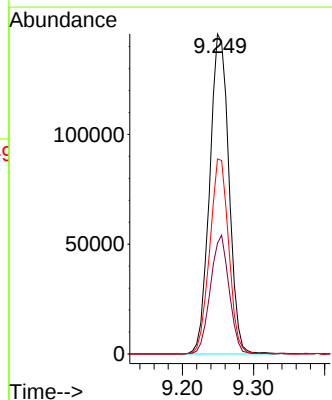
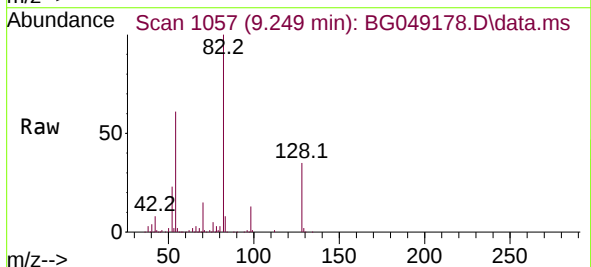


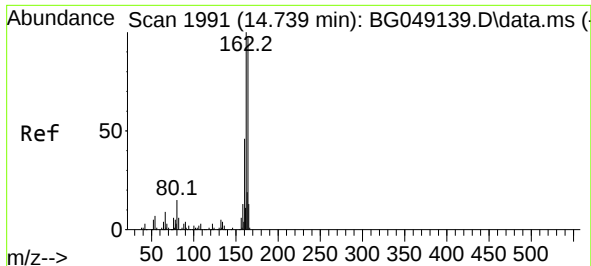
Tgt Ion:136 Resp: 142674
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 9.4 5.5 8.3#
68 4.6 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 81.31 ng
RT: 9.249 min Scan# 1057
Delta R.T. -0.013 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

Tgt Ion: 82 Resp: 273610
Ion Ratio Lower Upper
82 100
128 34.6 29.8 44.6
54 60.9 45.8 68.8

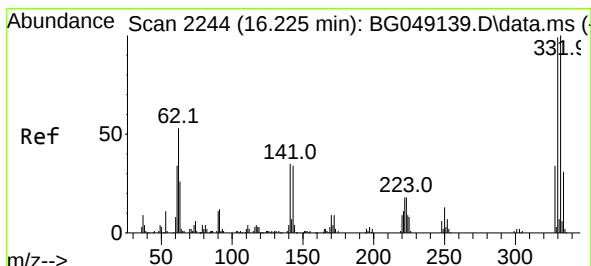
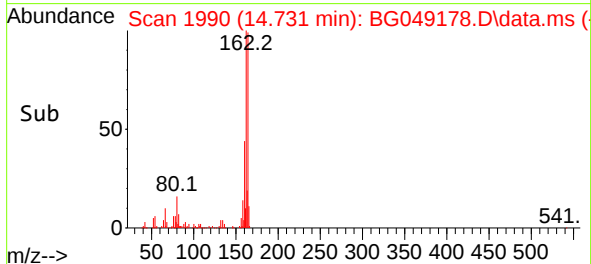
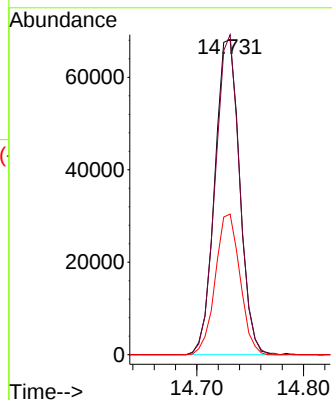
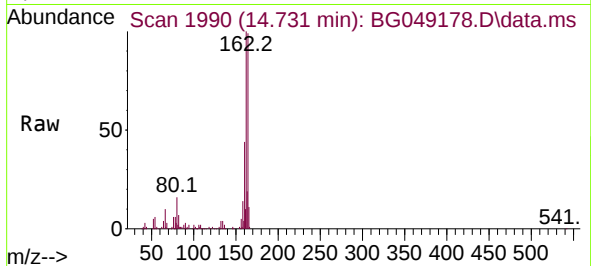




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.731 min Scan# 1990
Delta R.T. -0.008 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

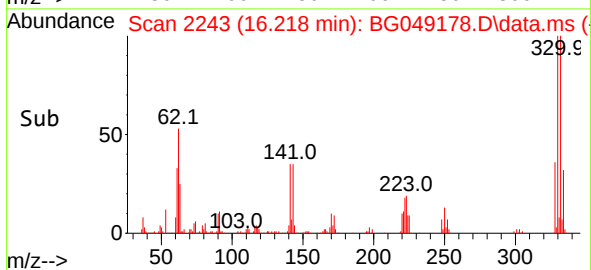
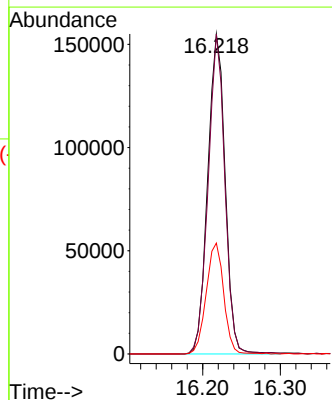
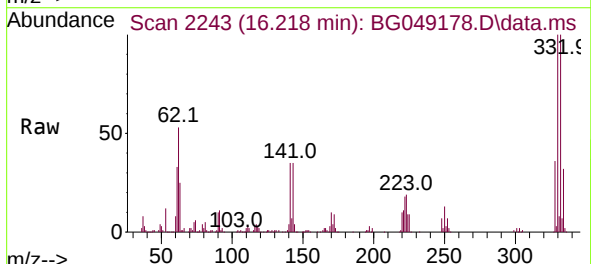
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B9-B9A-B10-B10A

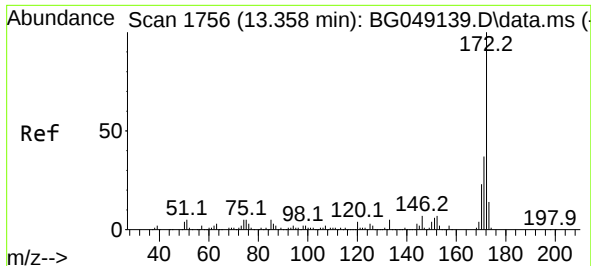
Tgt Ion:	164	Resp:	110303
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.4	122.0
160	44.6	34.9	52.3



#42
2,4,6-Tribromophenol
Concen: 126.37 ng
RT: 16.218 min Scan# 2243
Delta R.T. -0.008 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

Tgt Ion:	330	Resp:	241635
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.3	115.9
141	34.9	35.6	53.4#

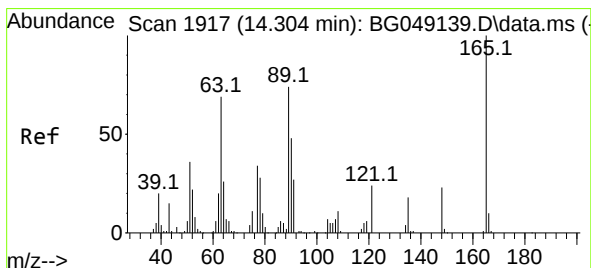
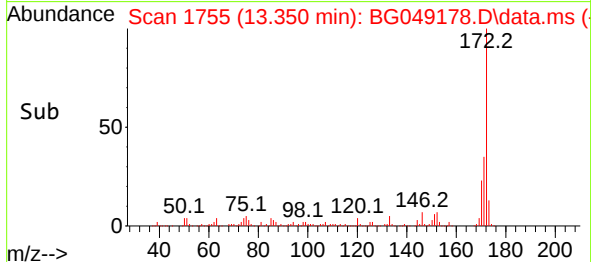
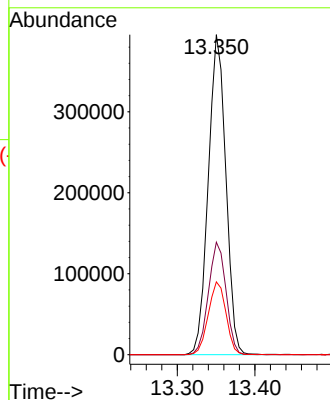
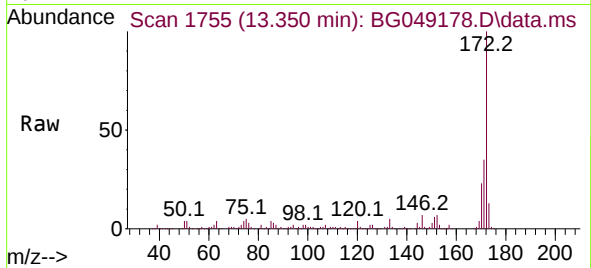




#45
2-Fluorobiphenyl
Concen: 76.02 ng
RT: 13.350 min Scan# 1755
Delta R.T. -0.008 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

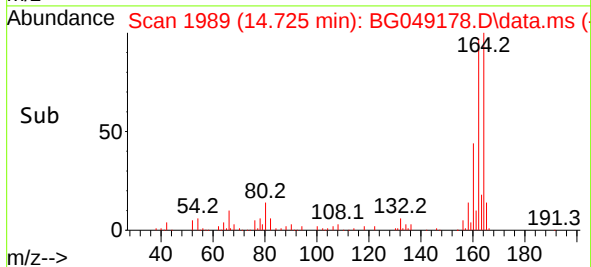
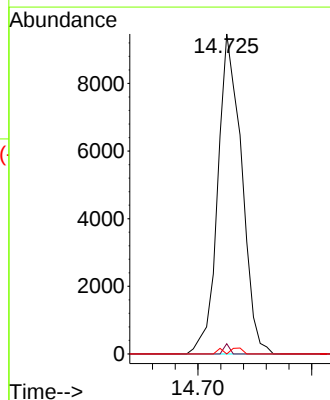
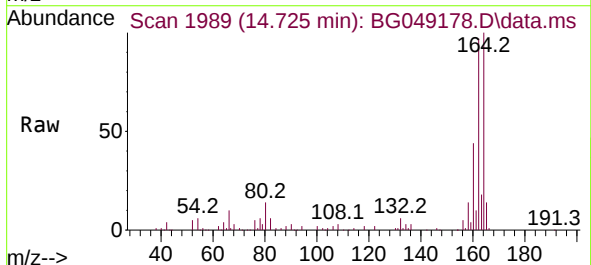
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B9-B9A-B10-B10A

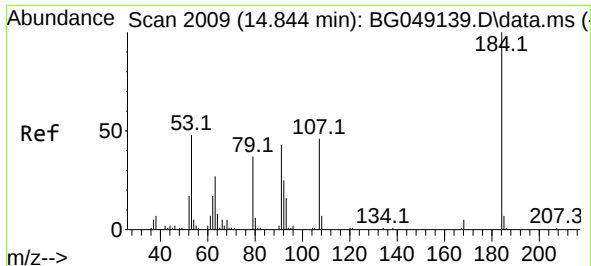
Tgt Ion:172 Resp: 621547
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 22.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 6.78 ng
RT: 14.725 min Scan# 1989
Delta R.T. 0.421 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

Tgt Ion:165 Resp: 13767
Ion Ratio Lower Upper
165 100
63 3.2 63.3 94.9#
89 0.0 63.4 95.0#

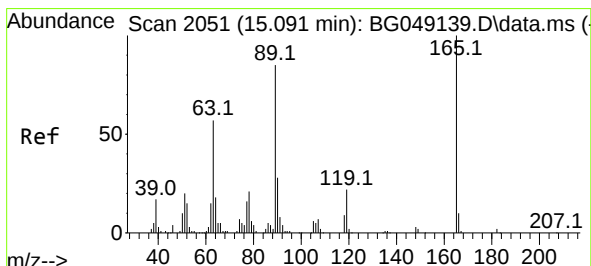
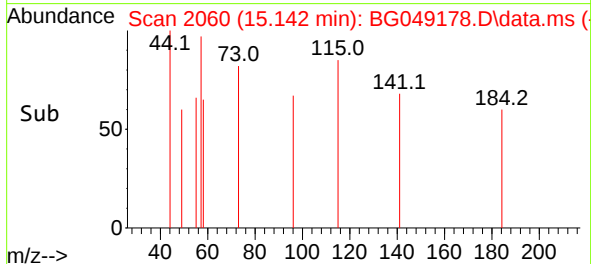
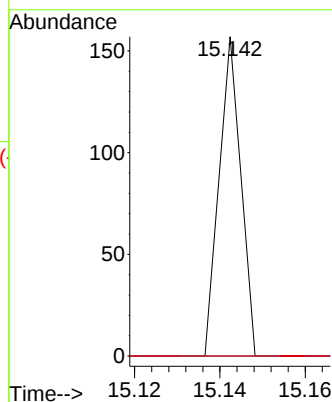
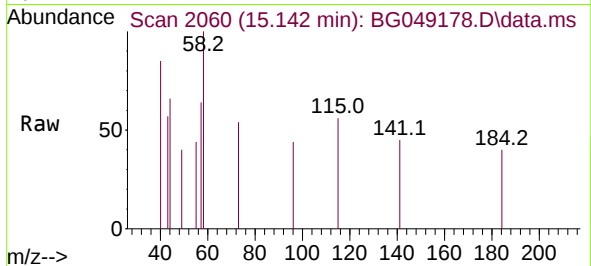




#54
2,4-Dinitrophenol
Concen: 5.20 ng
RT: 15.142 min Scan# 2060
Delta R.T. 0.298 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

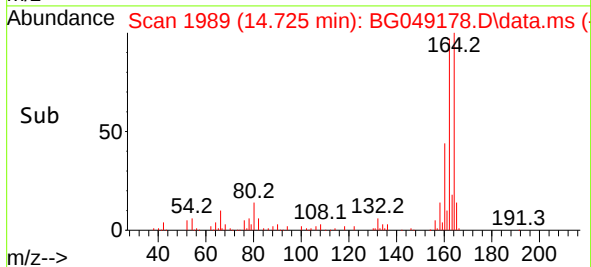
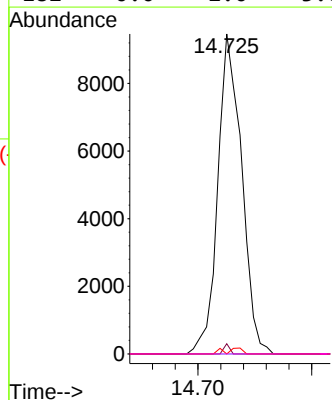
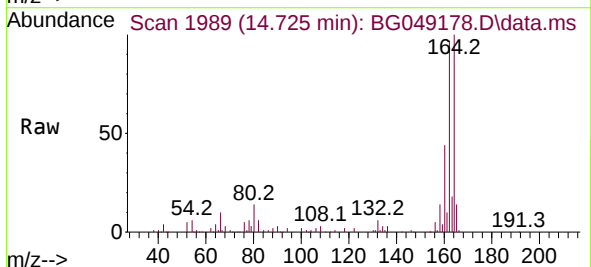
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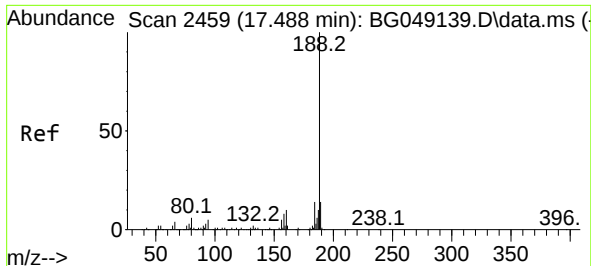
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 4.78 ng
RT: 14.725 min Scan# 1989
Delta R.T. -0.366 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

Tgt Ion:165 Resp: 13767
Ion Ratio Lower Upper
165 100
63 3.2 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

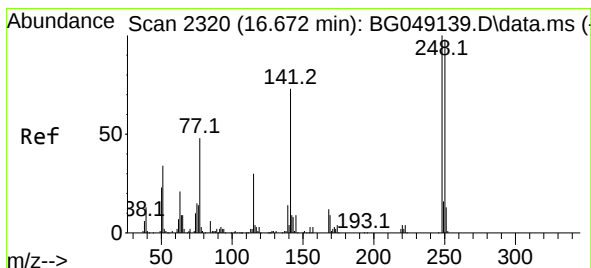
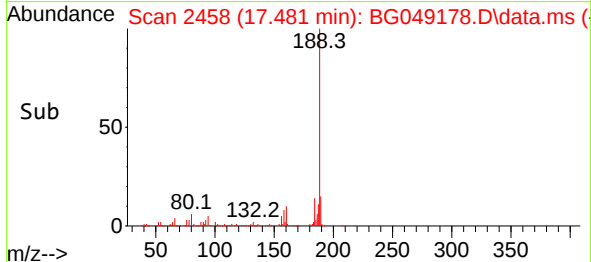
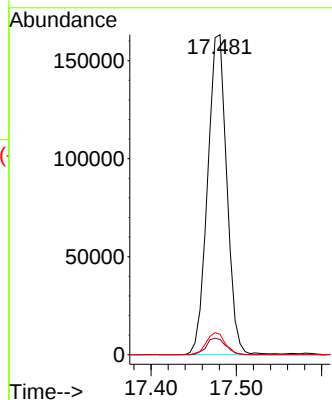
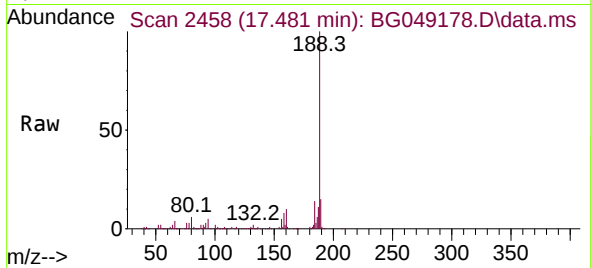




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.481 min Scan# 2458
Delta R.T. -0.008 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

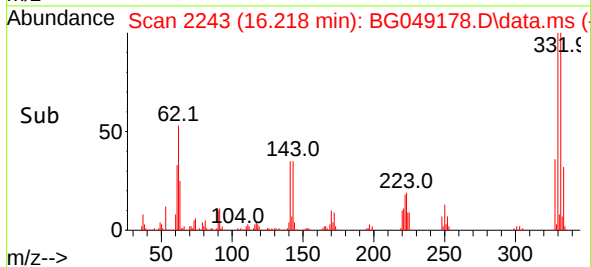
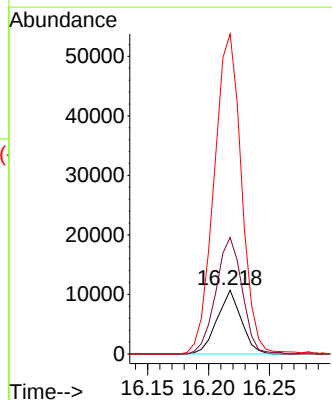
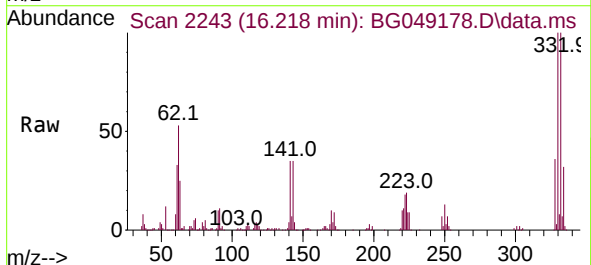
Instrument :
BNA_G
ClientSampleId :
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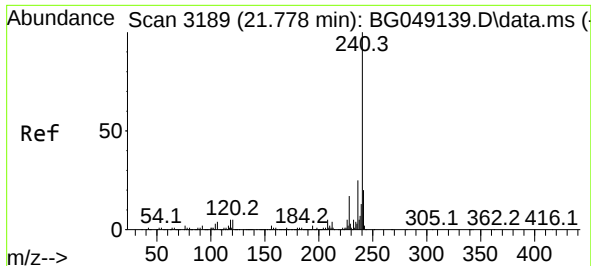
Tgt Ion:188 Resp: 255021
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 6.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 16.218 min Scan# 2243
Delta R.T. -0.454 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

Tgt Ion:248 Resp: 14773
Ion Ratio Lower Upper
248 100
250 182.8 76.1 114.1#
141 502.3 65.4 98.2#

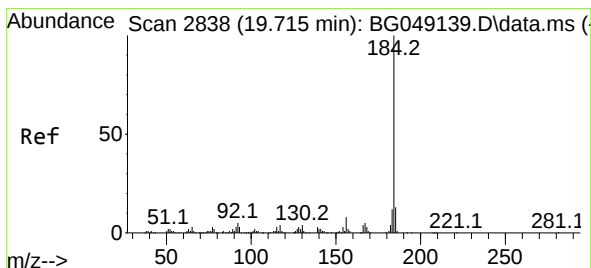
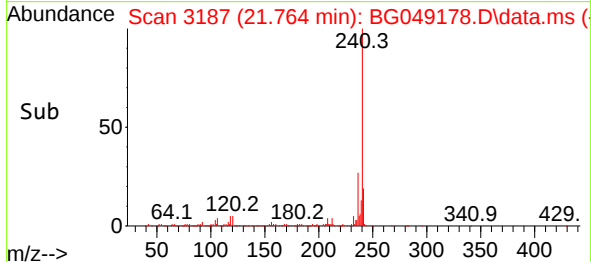
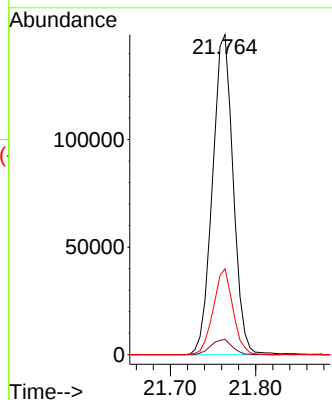
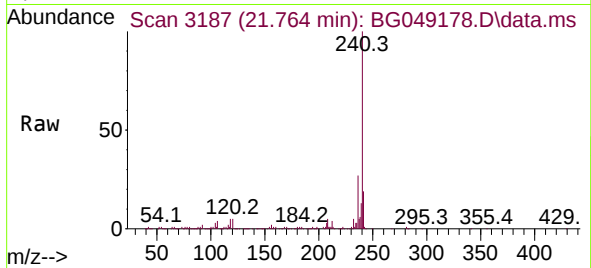




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.764 min Scan# 3187
Delta R.T. -0.013 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

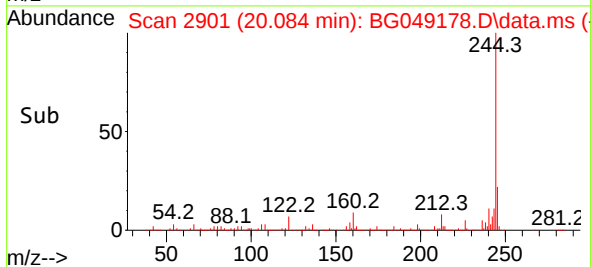
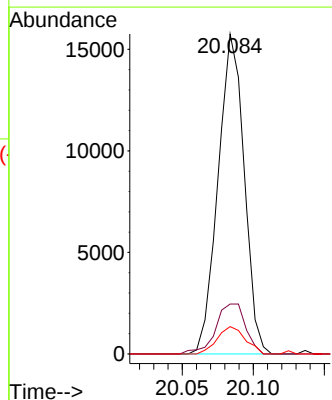
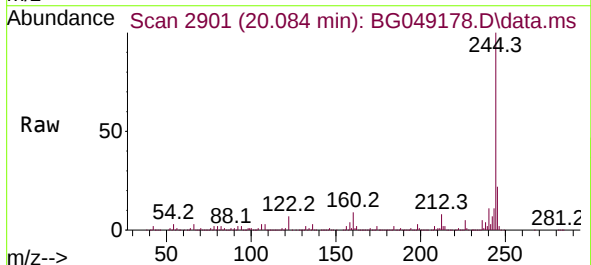
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B9-B9A-B10-B10A

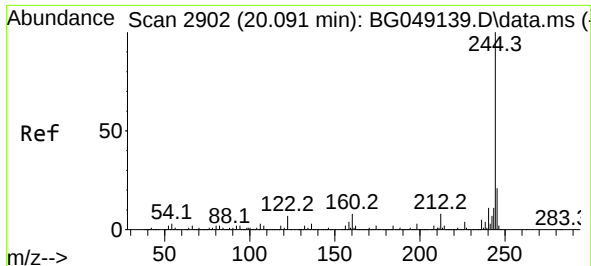
Tgt Ion:240 Resp: 251190
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 26.8 21.8 32.6



#77
Benzidine
Concen: 3.73 ng
RT: 20.084 min Scan# 2901
Delta R.T. 0.368 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

Tgt Ion:184 Resp: 20113
Ion Ratio Lower Upper
184 100
185 15.6 10.7 16.1
183 8.6 9.4 14.0#

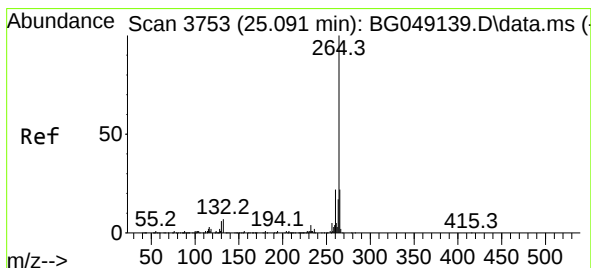
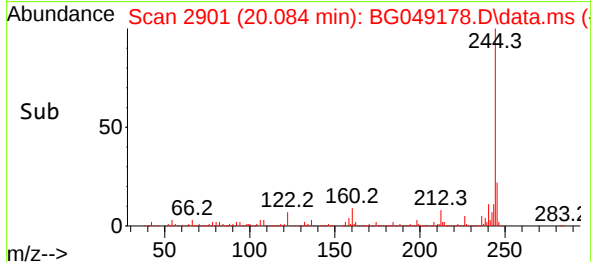
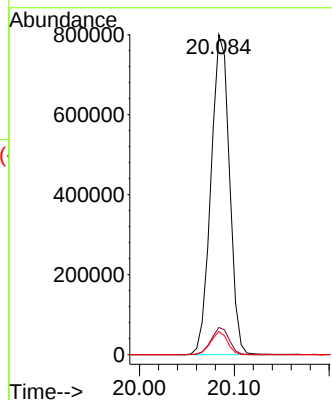
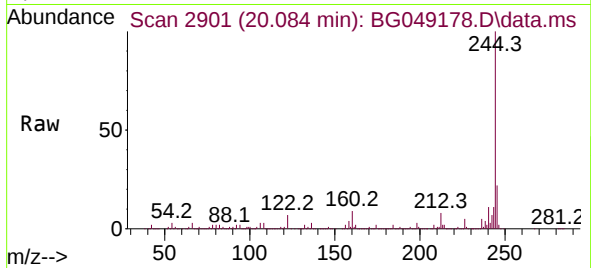




#79
Terphenyl-d14
Concen: 72.97 ng
RT: 20.084 min Scan# 2901
Delta R.T. -0.008 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B9-B9A-B10-B10A

Tgt Ion:244 Resp: 1081661
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 7.2 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.066 min Scan# 3749
Delta R.T. -0.025 min
Lab File: BG049178.D
Acq: 2 Jul 2021 22:16

Tgt Ion:264 Resp: 258866
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 21.8 16.9 25.3

