

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
 Data File : BG049147.D
 Acq On : 1 Jul 2021 9:34
 Operator : CG/JU
 Sample : PB137441BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137441BL

Quant Time: Jul 01 13:39:18 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)

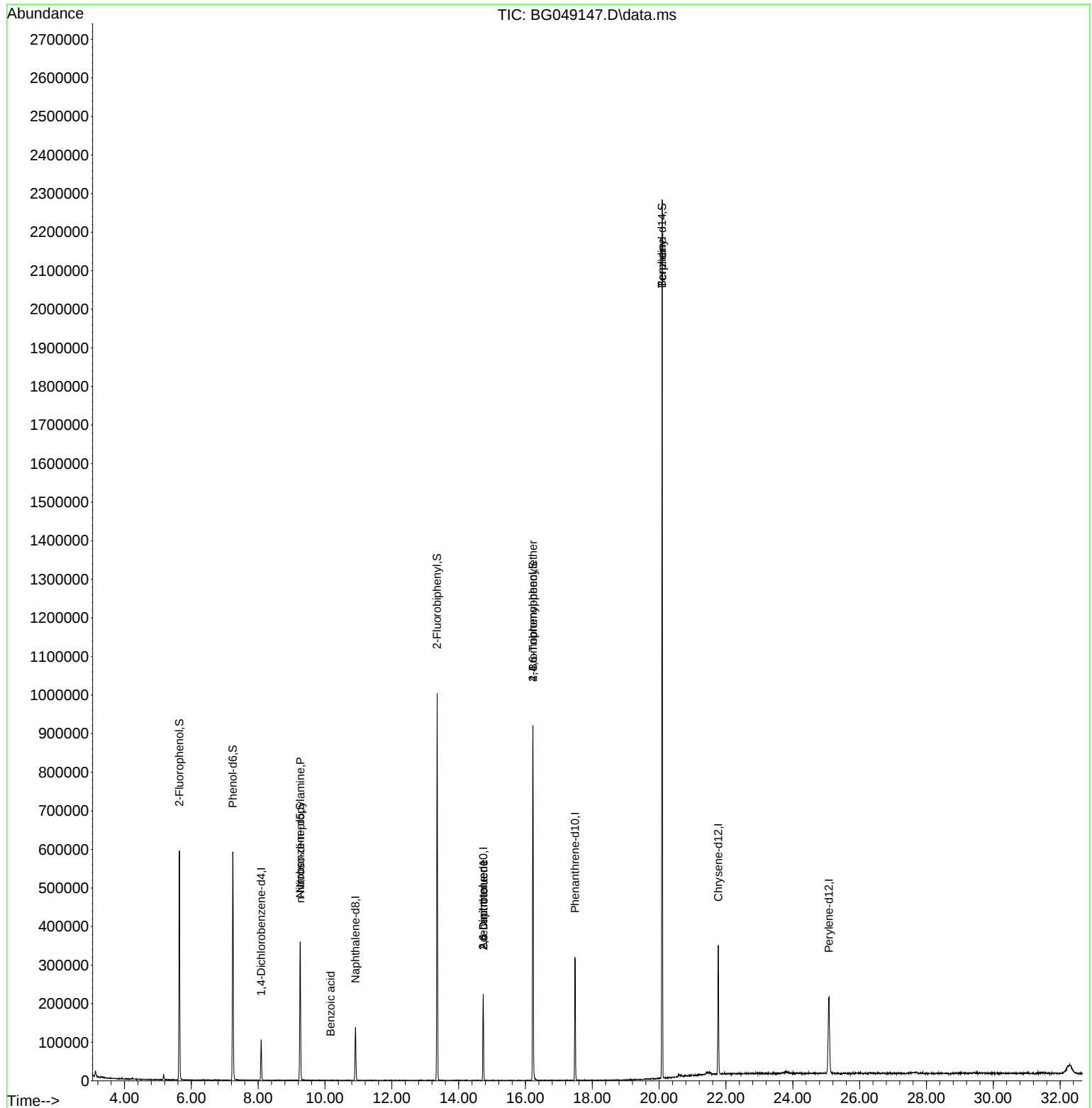
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	27253	20.000	ng	# 0.00
21) Naphthalene-d8	10.912	136	111506	20.000	ng	# 0.00
39) Acenaphthene-d10	14.737	164	84605	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	207013	20.000	ng	# 0.00
76) Chrysene-d12	21.770	240	225805	20.000	ng	0.00
86) Perylene-d12	25.083	264	230861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	236738	136.057	ng	0.00
7) Phenol-d6	7.239	99	307369	123.903	ng	0.00
23) Nitrobenzene-d5	9.255	82	220316	83.770	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	184298	125.658	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	509437	81.237	ng	0.00
79) Terphenyl-d14	20.089	244	1079943	81.043	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.261	70	32255	18.092	ng	# 73
32) Benzoic acid	10.171	122	59	6.313	ng	# 1
51) 2,6-Dinitrotoluene	14.737	165	10829	6.957	ng	# 14
57) 2,4-Dinitrotoluene	14.737	165	10829	4.898	ng	# 19
67) 4-Bromophenyl-phenylether	16.223	248	11985	4.291	ng	# 1
77) Benzidine	20.089	184	19629	4.047	ng	# 95

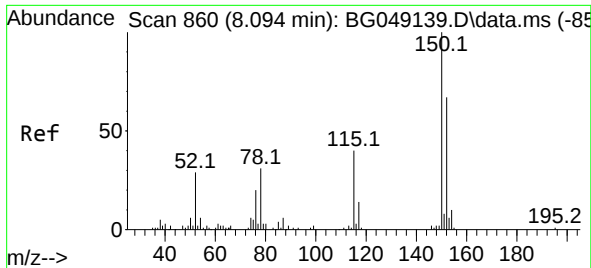
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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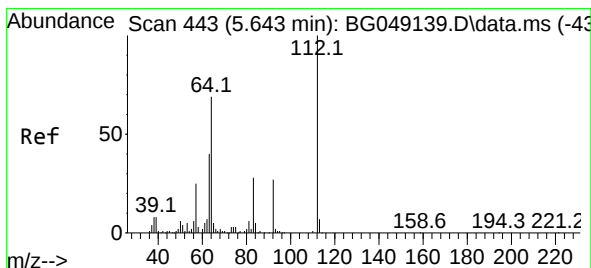
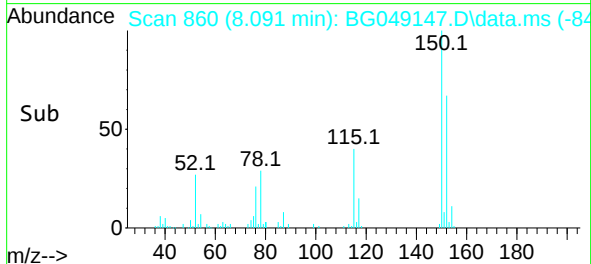
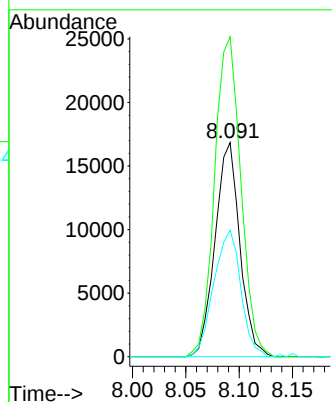
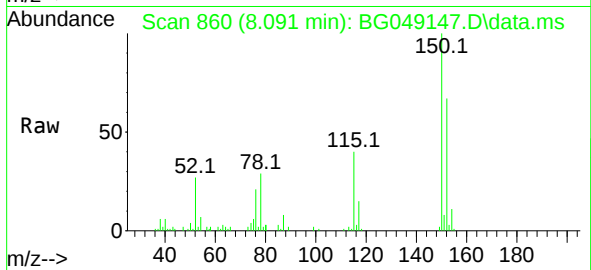




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 860
Delta R.T. -0.003 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

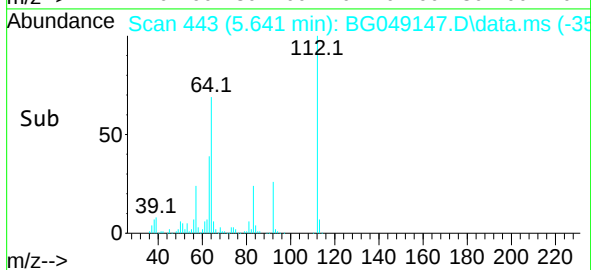
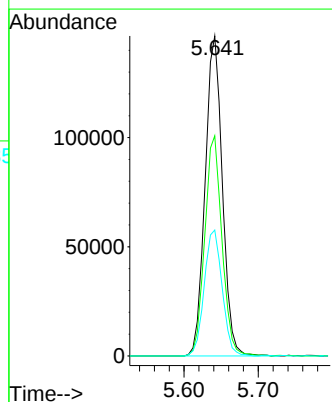
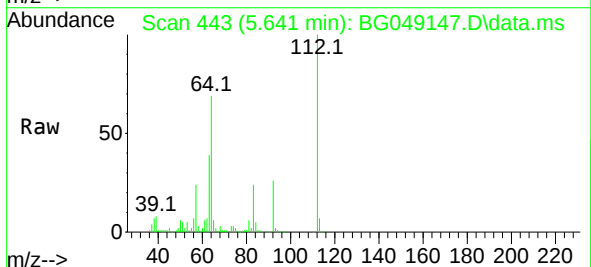
Instrument :
BNA_G
ClientSampleId :
PB137441BL

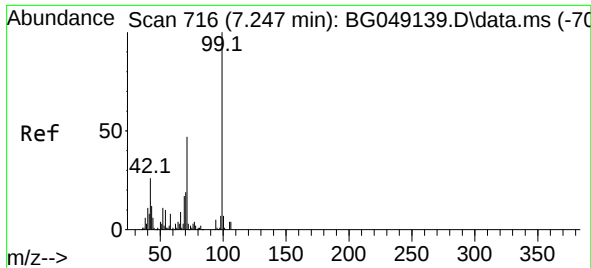
Tgt Ion:152 Resp: 27253
Ion Ratio Lower Upper
152 100
150 149.5 119.4 179.0
115 59.1 60.2 90.4#



#5
2-Fluorophenol
Concen: 136.057 ng
RT: 5.641 min Scan# 443
Delta R.T. -0.002 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

Tgt Ion:112 Resp: 236738
Ion Ratio Lower Upper
112 100
64 68.8 46.7 70.1
63 39.3 35.3 52.9

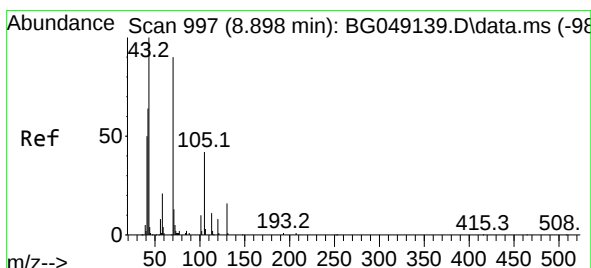
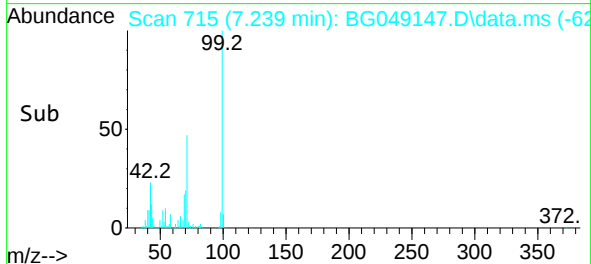
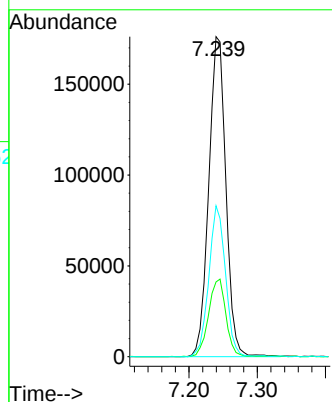
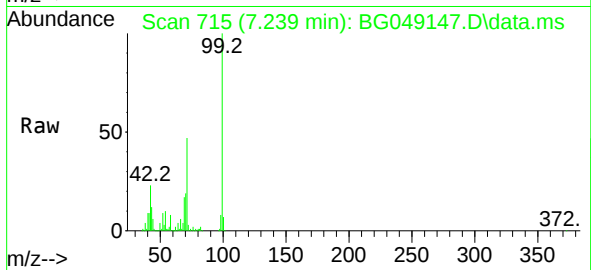




#7
Phenol-d6
Concen: 123.903 ng
RT: 7.239 min Scan# 715
Delta R.T. -0.008 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

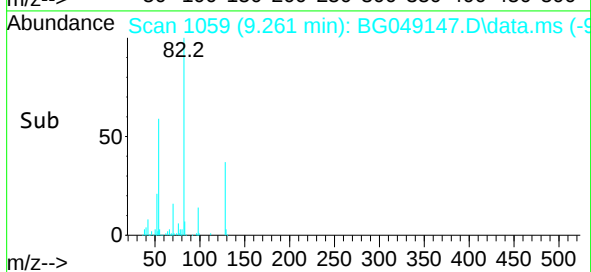
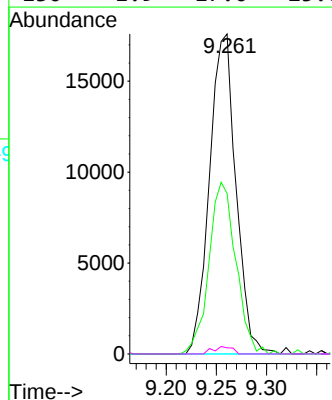
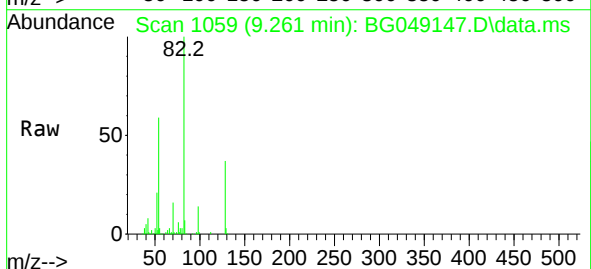
Instrument :
BNA_G
ClientSampleId :
PB137441BL

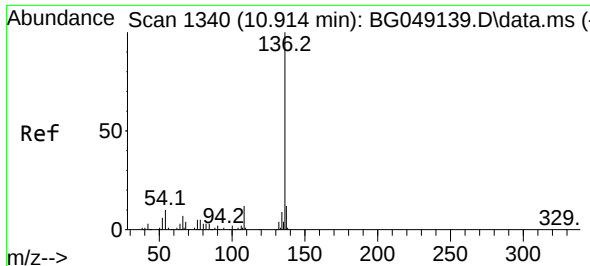
Tgt Ion: 99 Resp: 307369
Ion Ratio Lower Upper
99 100
42 23.4 20.5 30.7
71 47.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.092 ng
RT: 9.261 min Scan# 1059
Delta R.T. 0.362 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

Tgt Ion: 70 Resp: 32255
Ion Ratio Lower Upper
70 100
42 50.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#

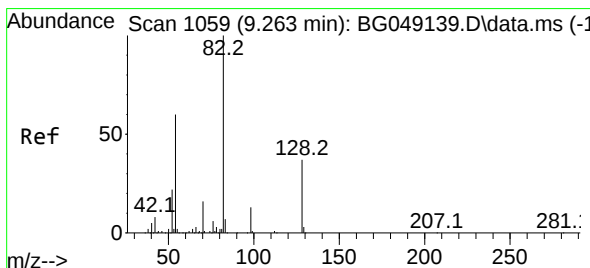
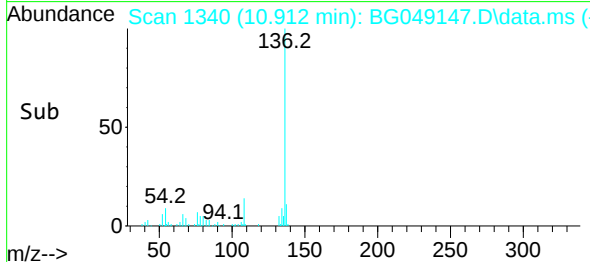
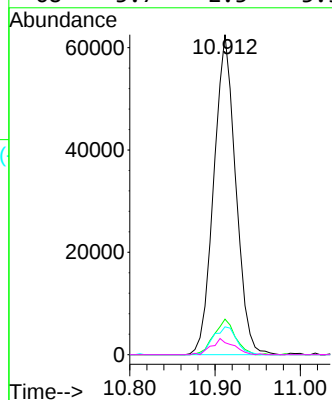
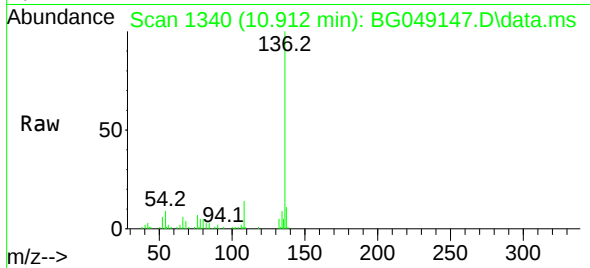




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 1340
Delta R.T. -0.002 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

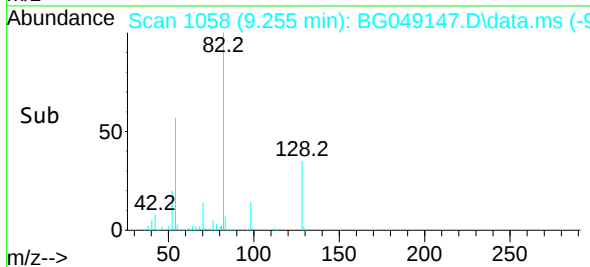
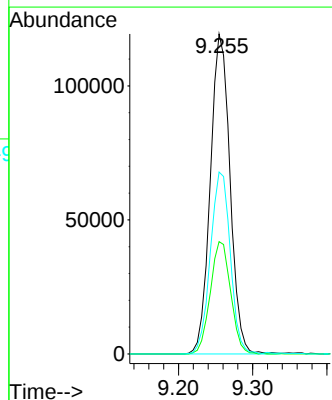
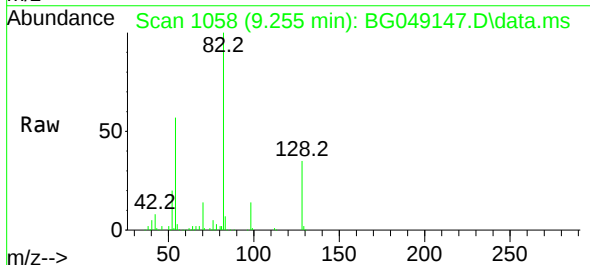
Instrument :
BNA_G
ClientSampleId :
PB137441BL

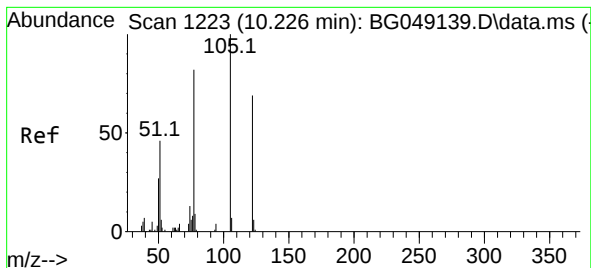
Tgt Ion:136	Resp:	111506
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.2 12.2
54	8.7	5.5 8.3#
68	3.7	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 83.770 ng
RT: 9.255 min Scan# 1058
Delta R.T. -0.008 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

Tgt Ion: 82	Resp:	220316
Ion Ratio	Lower	Upper
82	100	
128	35.1	29.8 44.6
54	56.9	45.8 68.8

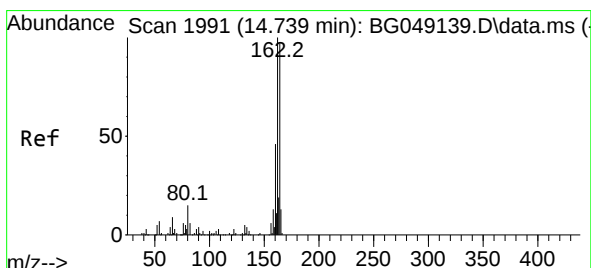
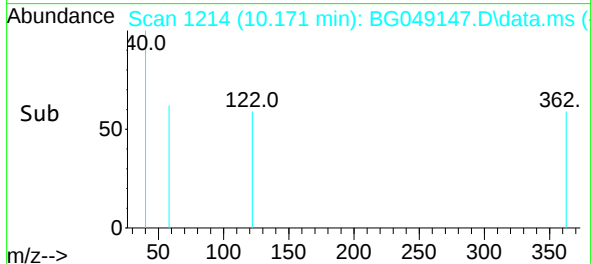
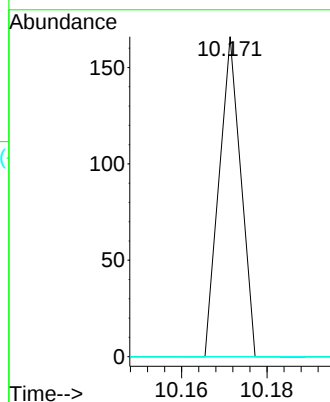
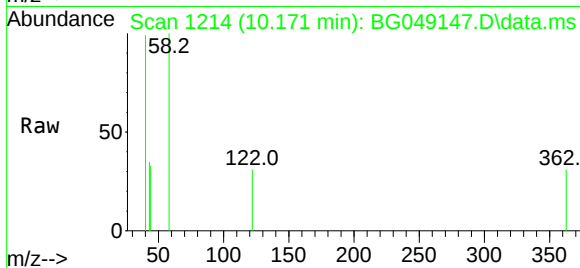




#32
Benzoic acid
Concen: 6.313 ng
RT: 10.171 min Scan# 1214
Delta R.T. -0.055 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

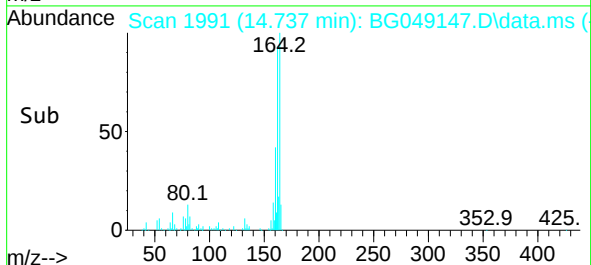
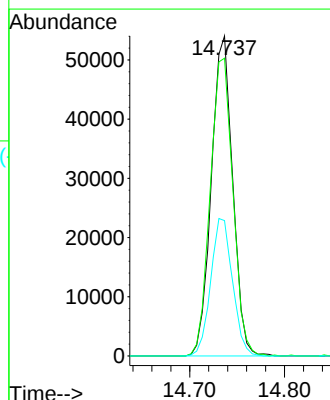
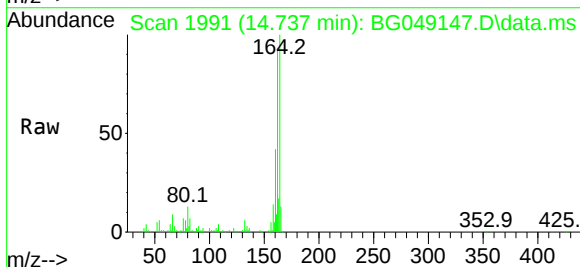
Instrument :
BNA_G
ClientSampleId :
PB137441BL

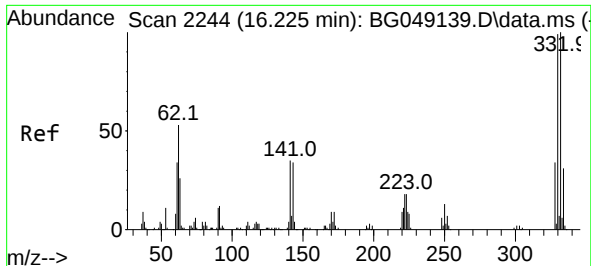
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1991
Delta R.T. -0.002 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

Tgt Ion:164 Resp: 84605
Ion Ratio Lower Upper
164 100
162 93.0 81.4 122.0
160 42.3 34.9 52.3

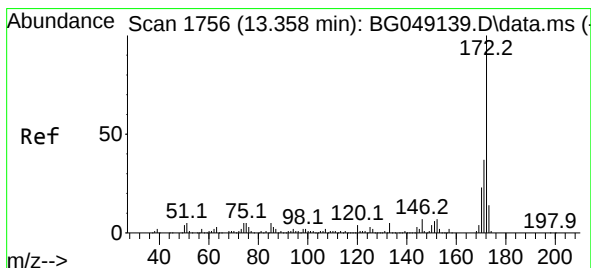
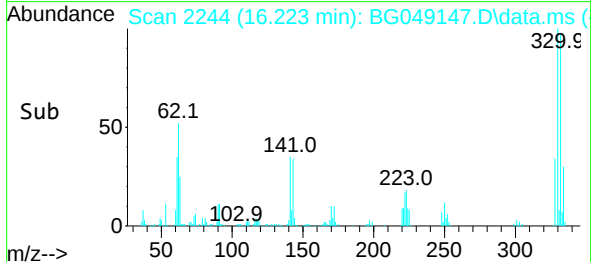
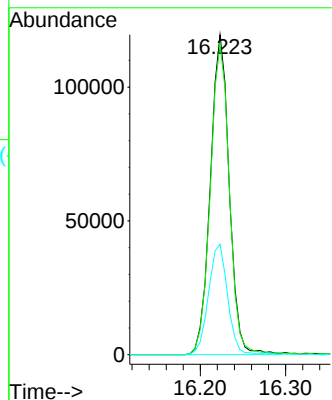
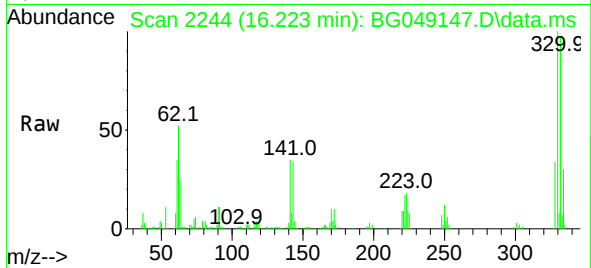




#42
2,4,6-Tribromophenol
Concen: 125.658 ng
RT: 16.223 min Scan# 2244
Delta R.T. -0.002 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

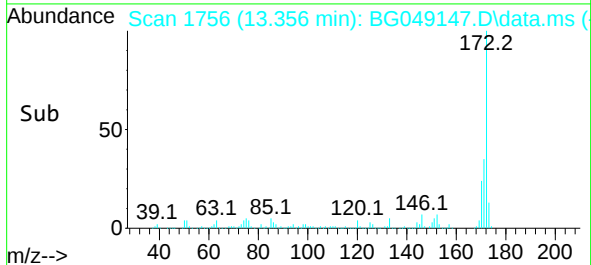
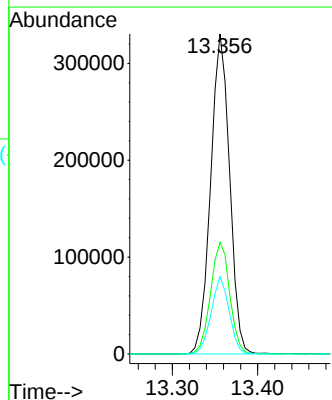
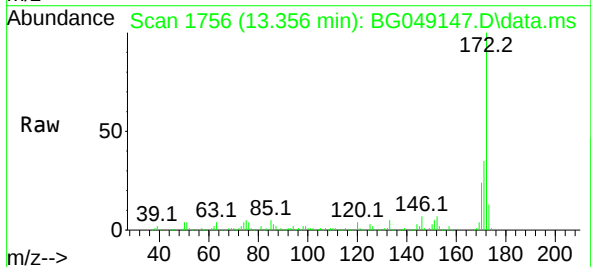
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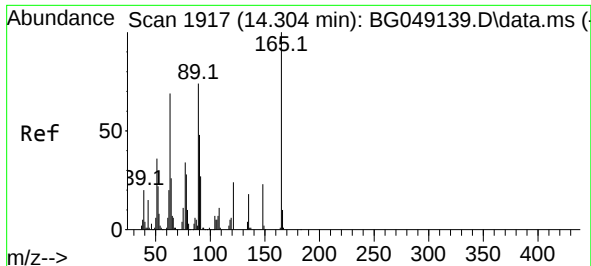
Tgt Ion:330 Resp: 184298
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 34.8 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 81.237 ng
RT: 13.356 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

Tgt Ion:172 Resp: 509437
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 24.1 18.6 27.8

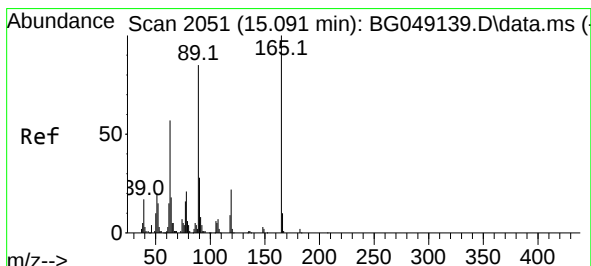
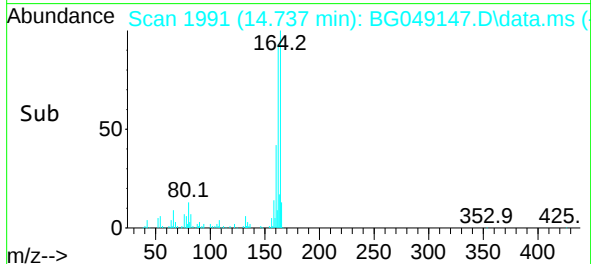
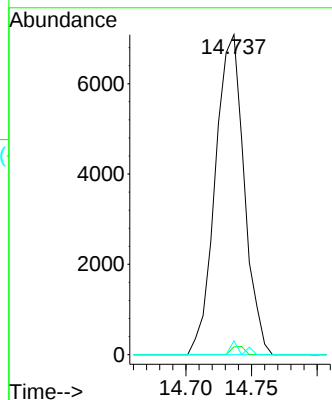
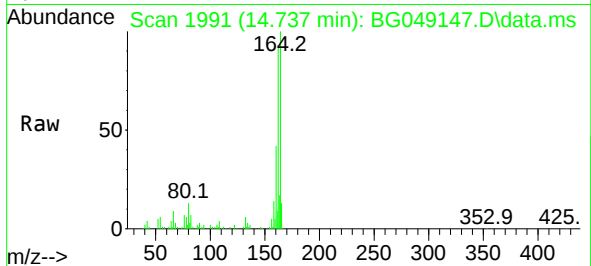




#51
2,6-Dinitrotoluene
Concen: 6.957 ng
RT: 14.737 min Scan# 1991
Delta R.T. 0.433 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

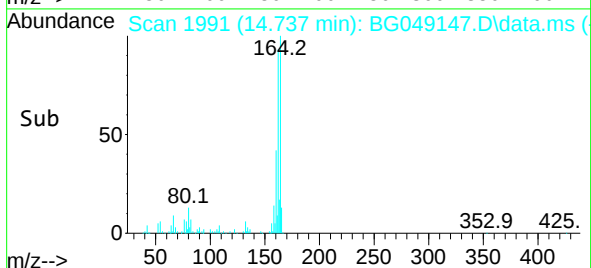
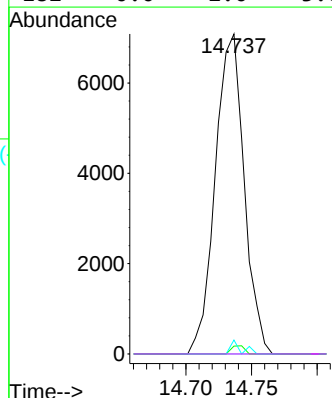
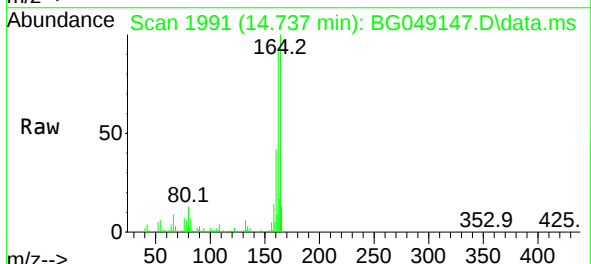
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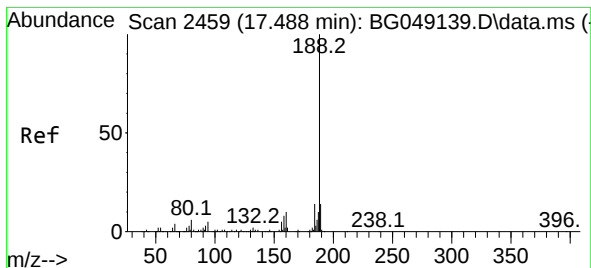
Tgt Ion:165 Resp: 10829
Ion Ratio Lower Upper
165 100
63 2.5 63.3 94.9#
89 4.4 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 4.898 ng
RT: 14.737 min Scan# 1991
Delta R.T. -0.355 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

Tgt Ion:165 Resp: 10829
Ion Ratio Lower Upper
165 100
63 2.5 48.0 72.0#
89 4.4 65.4 98.0#
182 0.0 2.0 3.0#

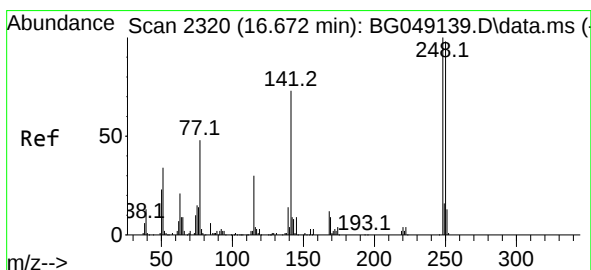
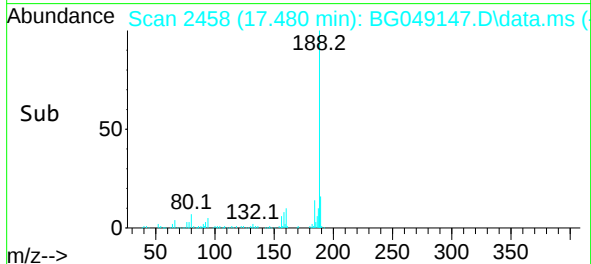
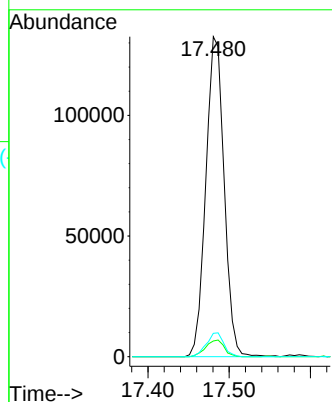
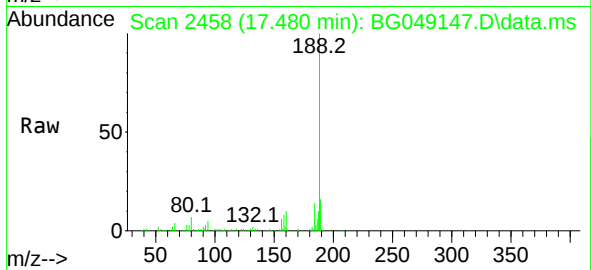




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2458
Delta R.T. -0.008 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

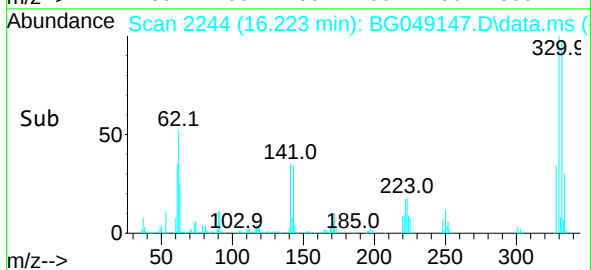
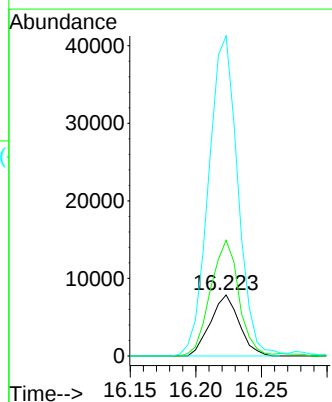
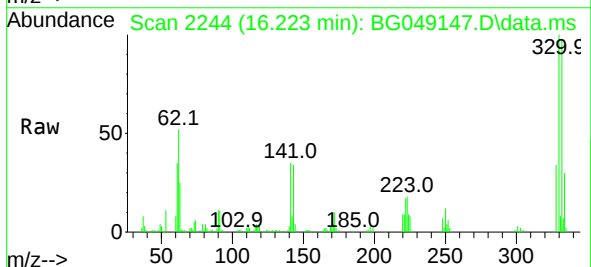
Instrument :
BNA_G
ClientSampleId :
PB137441BL

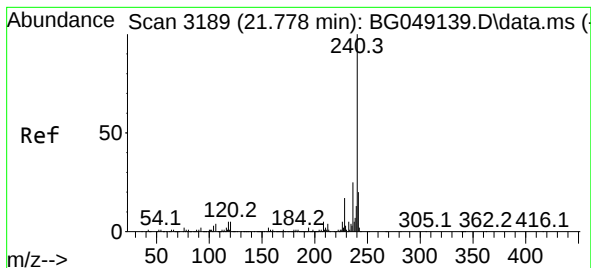
Tgt Ion:188 Resp: 207013
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 7.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.291 ng
RT: 16.223 min Scan# 2244
Delta R.T. -0.449 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

Tgt Ion:248 Resp: 11985
Ion Ratio Lower Upper
248 100
250 189.8 76.1 114.1#
141 524.9 65.4 98.2#

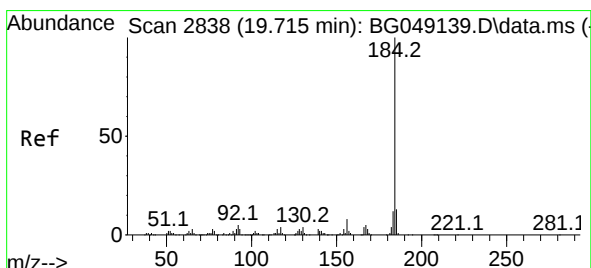
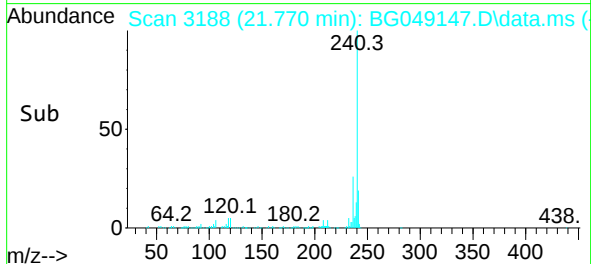
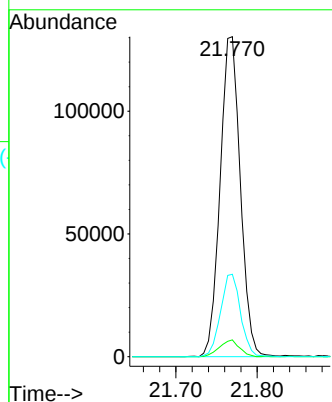
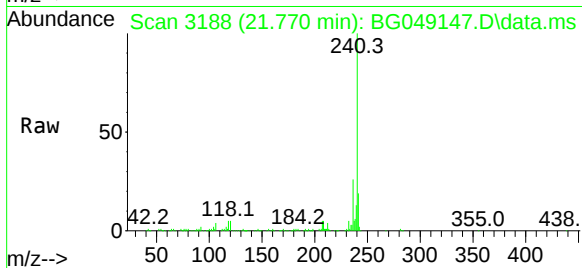




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 3188
Delta R.T. -0.008 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

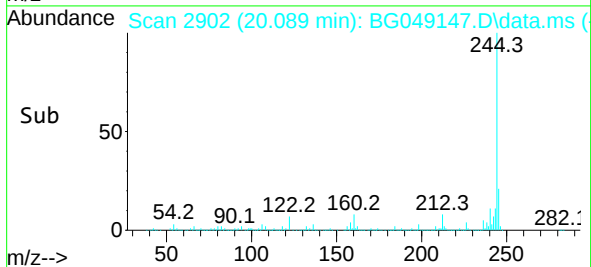
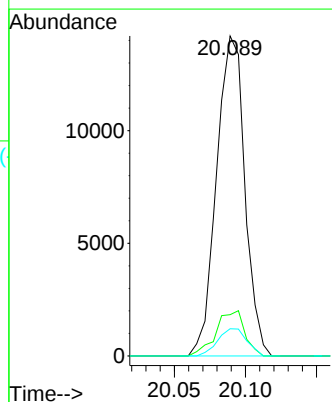
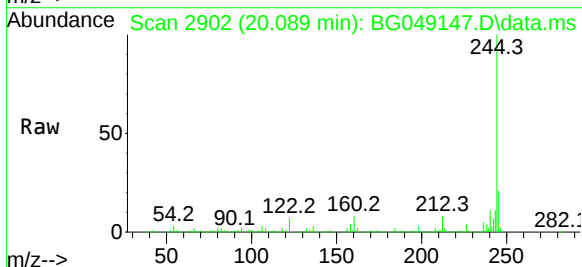
Instrument :
BNA_G
ClientSampleId :
PB137441BL

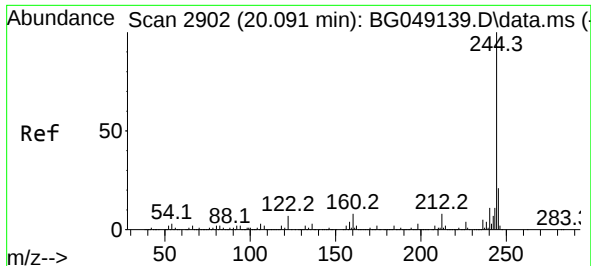
Tgt Ion:240 Resp: 225805
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 25.8 21.8 32.6



#77
Benzidine
Concen: 4.047 ng
RT: 20.089 min Scan# 2902
Delta R.T. 0.374 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

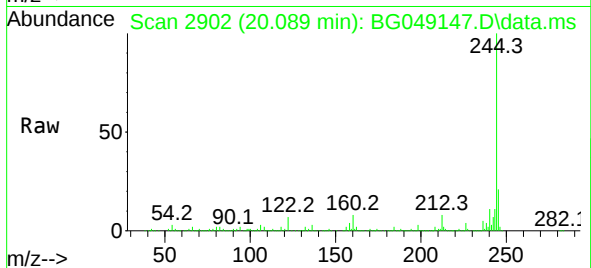
Tgt Ion:184 Resp: 19629
Ion Ratio Lower Upper
184 100
185 12.9 10.7 16.1
183 8.5 9.4 14.0#



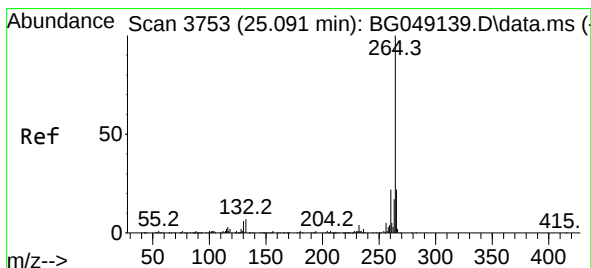
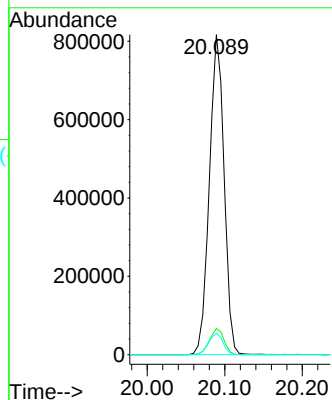
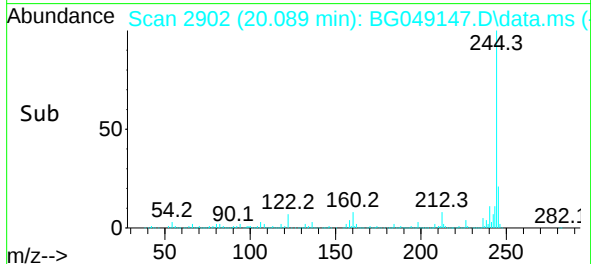


#79
Terphenyl-d14
Concen: 81.043 ng
RT: 20.089 min Scan# 2902
Delta R.T. -0.002 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34

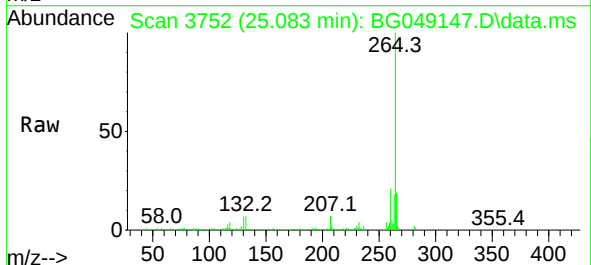
Instrument :
BNA_G
ClientSampleId :
PB137441BL



Tgt Ion:244 Resp: 1079943
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 6.7 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.083 min Scan# 3752
Delta R.T. -0.008 min
Lab File: BG049147.D
Acq: 1 Jul 2021 9:34



Tgt Ion:264 Resp: 230861
Ion Ratio Lower Upper
264 100
260 21.4 19.4 29.2
265 19.2 16.9 25.3

