

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
 Data File : BG049173.D
 Acq On : 2 Jul 2021 18:51
 Operator : CG/JU
 Sample : M2904-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Quant Time: Jul 03 01:09:42 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)

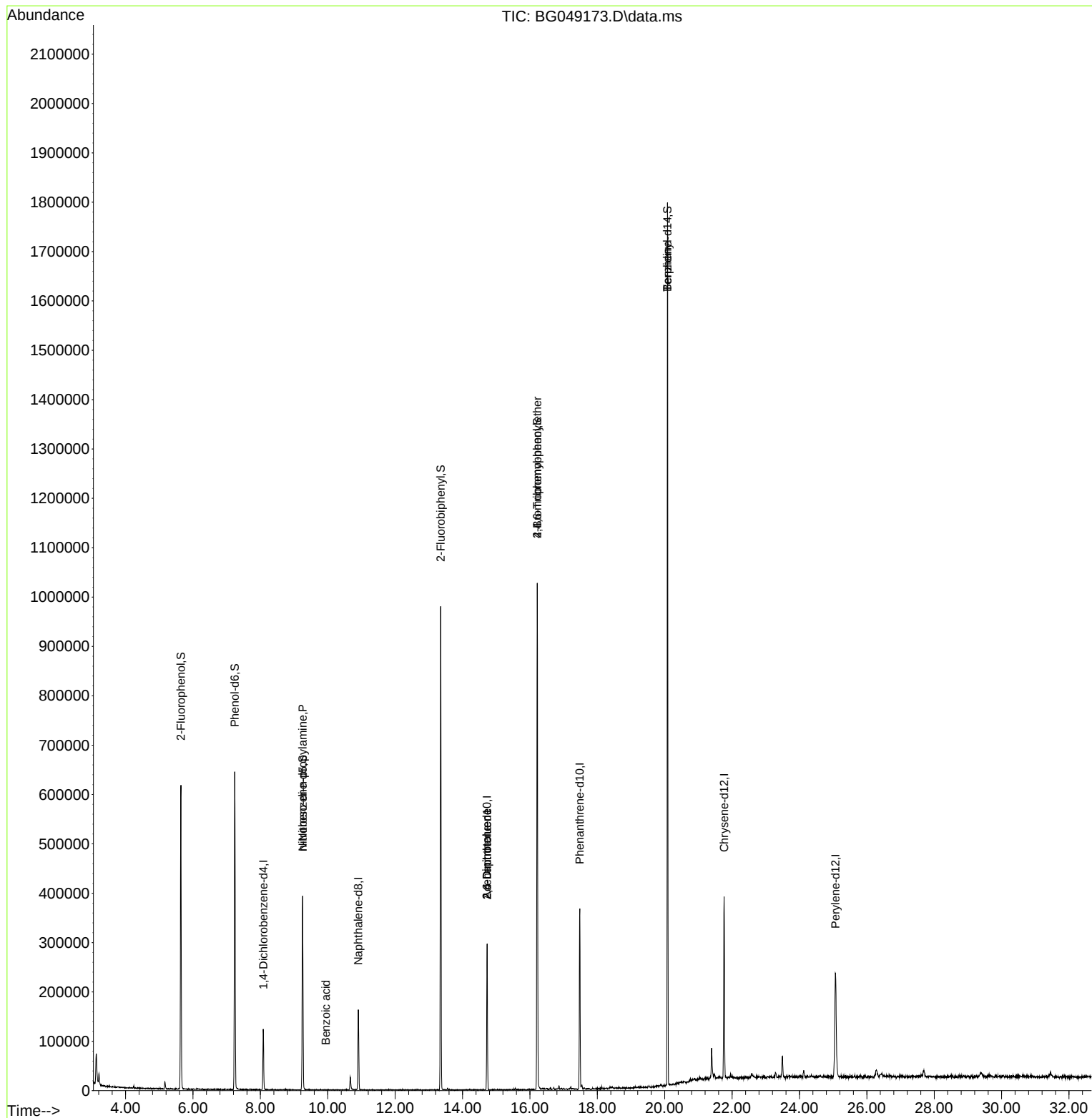
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	33532	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	132484	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	101865	20.00	ng	0.00
64) Phenanthrene-d10	17.479	188	241796	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	236775	20.00	ng	-0.01
86) Perylene-d12	25.065	264	245543	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	245147	114.51	ng	0.00
7) Phenol-d6	7.238	99	324809	106.42	ng	0.00
23) Nitrobenzene-d5	9.254	82	229541	73.46	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	204509	115.81	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	513063	67.95	ng	0.00
79) Terphenyl-d14	20.082	244	867487	62.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.254	70	34408	15.69	ng	# 71
32) Benzoic acid	9.941	122	59	6.31	ng	# 1
51) 2,6-Dinitrotoluene	14.730	165	13135	7.01	ng	# 11
57) 2,4-Dinitrotoluene	14.730	165	13135	4.93	ng	# 17
67) 4-Bromophenyl-phenylether	16.216	248	13342	4.09	ng	# 1
77) Benzidine	20.082	184	15406	3.03	ng	# 87

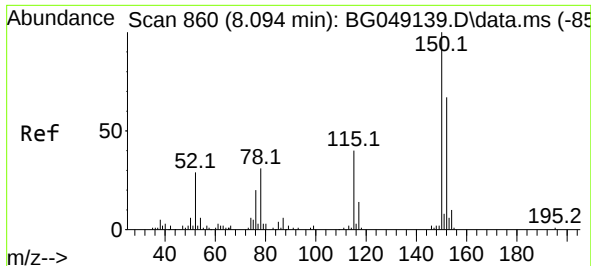
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

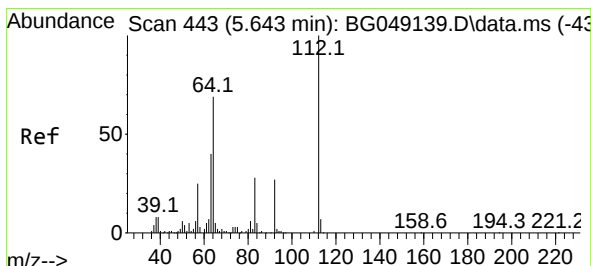
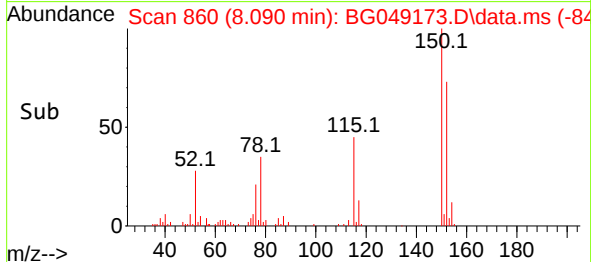
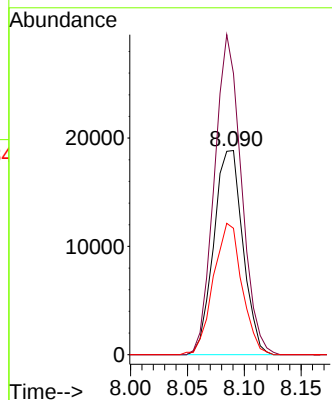
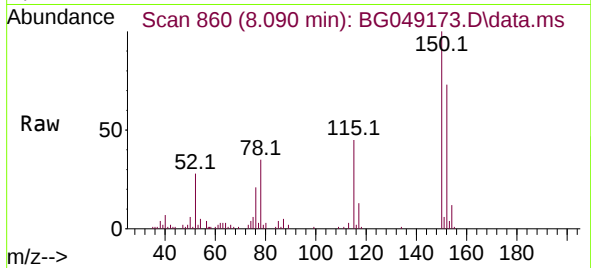




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.090 min Scan# 860
Delta R.T. -0.004 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

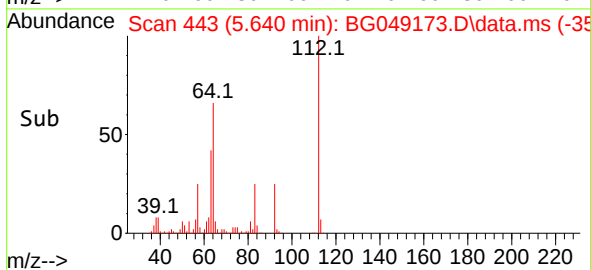
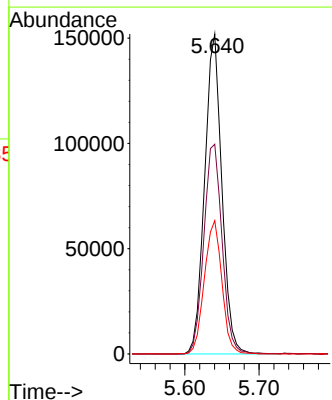
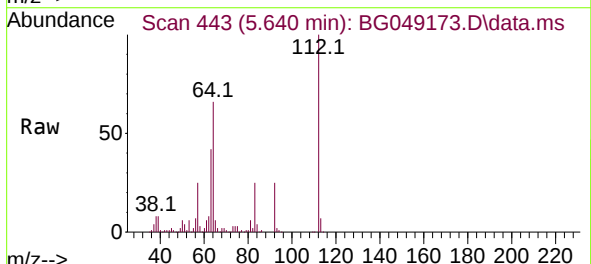
Instrument :
BNA_G
ClientSampleId :
COMP-3

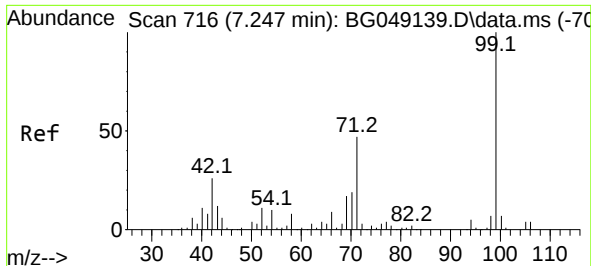
Tgt Ion:152 Resp: 33532
Ion Ratio Lower Upper
152 100
150 137.7 119.4 179.0
115 61.9 60.2 90.4



#5
2-Fluorophenol
Concen: 114.51 ng
RT: 5.640 min Scan# 443
Delta R.T. -0.003 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

Tgt Ion:112 Resp: 245147
Ion Ratio Lower Upper
112 100
64 65.6 46.7 70.1
63 41.7 35.3 52.9

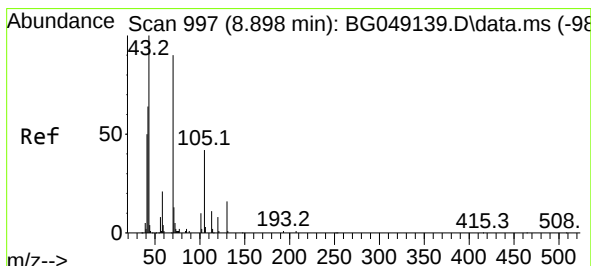
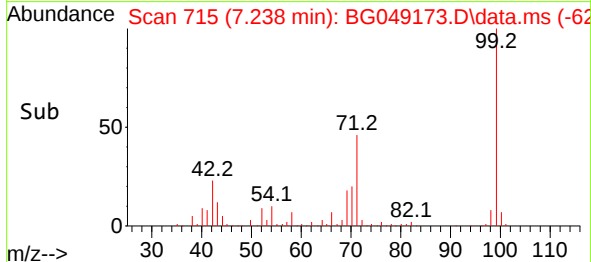
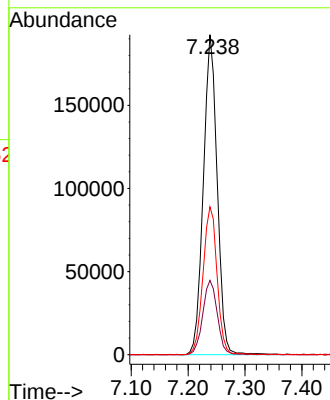
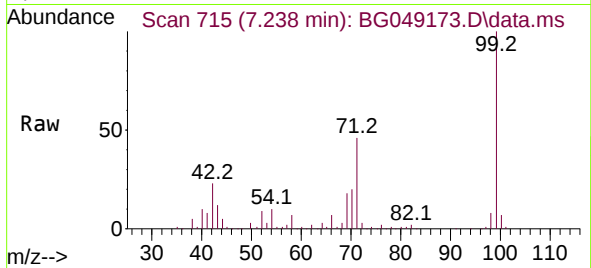




#7
Phenol-d6
Concen: 106.42 ng
RT: 7.238 min Scan# 715
Delta R.T. -0.009 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

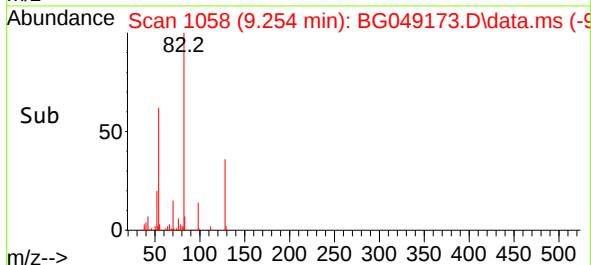
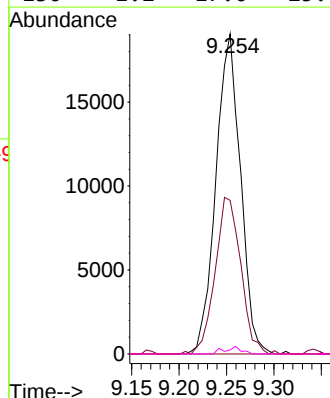
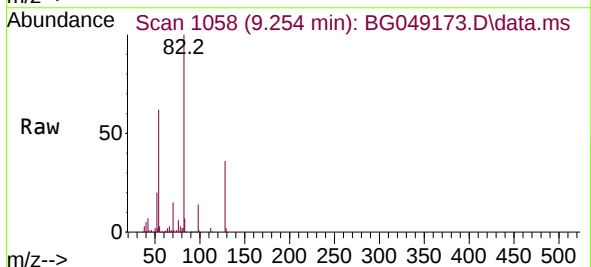
Instrument :
BNA_G
ClientSampleId :
COMP-3

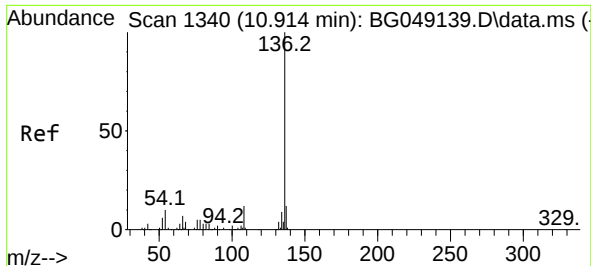
Tgt Ion: 99 Resp: 324809
Ion Ratio Lower Upper
99 100
42 23.2 20.5 30.7
71 46.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.69 ng
RT: 9.254 min Scan# 1058
Delta R.T. 0.355 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

Tgt Ion: 70 Resp: 34408
Ion Ratio Lower Upper
70 100
42 48.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.2 17.0 25.6#

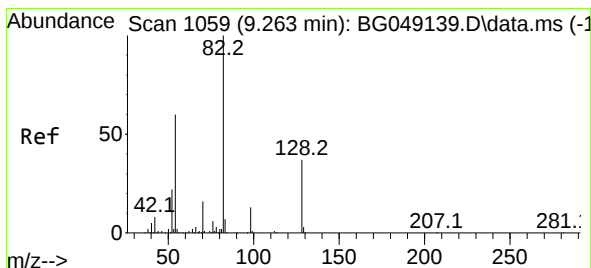
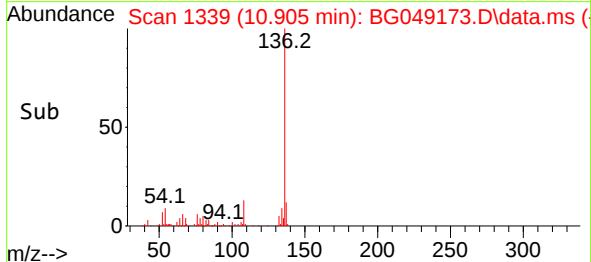
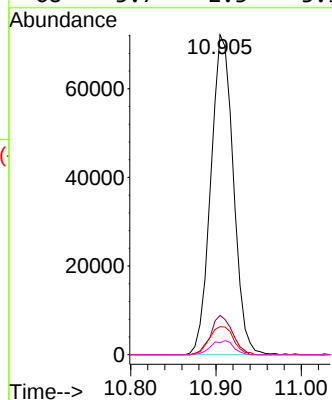
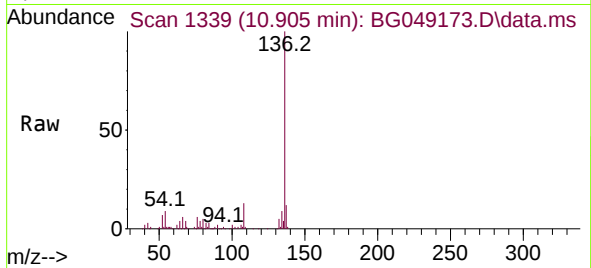




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

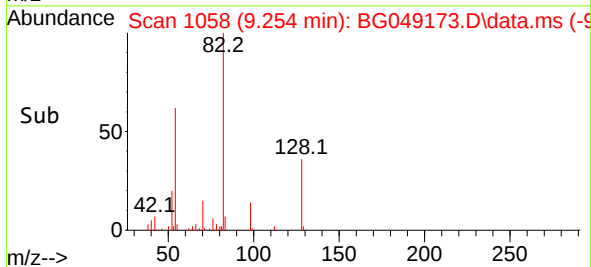
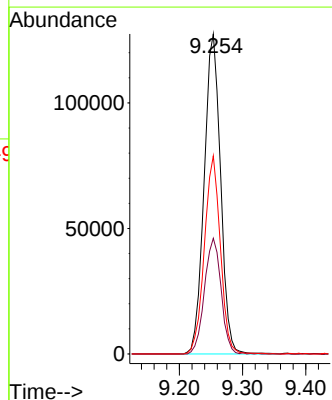
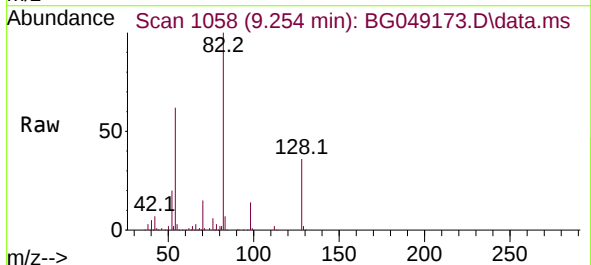
Instrument :
BNA_G
ClientSampleId :
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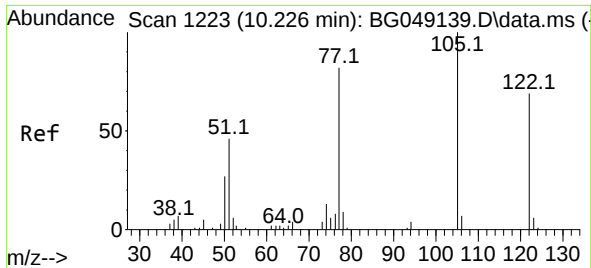
Tgt Ion:	136	Resp:	132484
Ion Ratio	Lower	Upper	
136	100		
137	12.3	8.2	12.2#
54	8.7	5.5	8.3#
68	3.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 73.46 ng
RT: 9.254 min Scan# 1058
Delta R.T. -0.009 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

Tgt Ion:	82	Resp:	229541
Ion Ratio	Lower	Upper	
82	100		
128	36.1	29.8	44.6
54	61.9	45.8	68.8

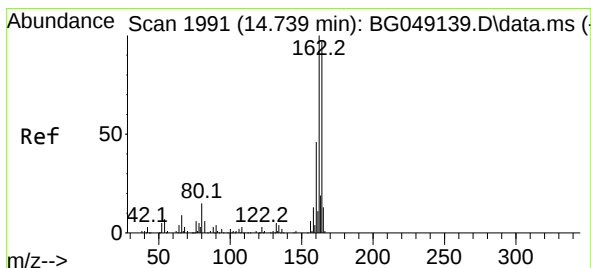
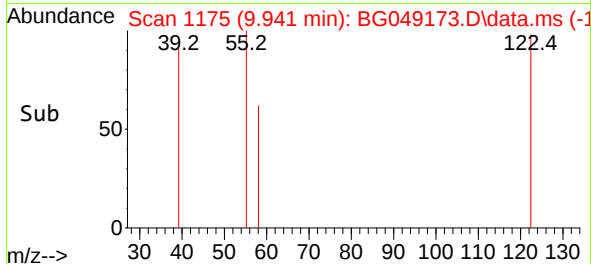
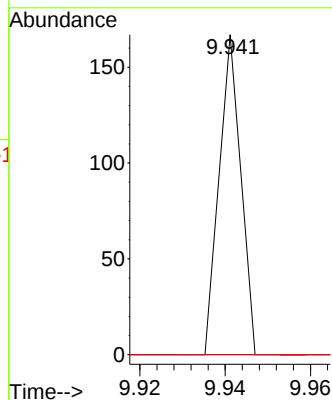
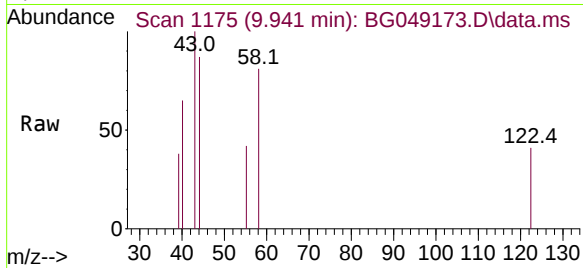




#32
Benzoic acid
Concen: 6.31 ng
RT: 9.941 min Scan# 1175
Delta R.T. -0.285 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

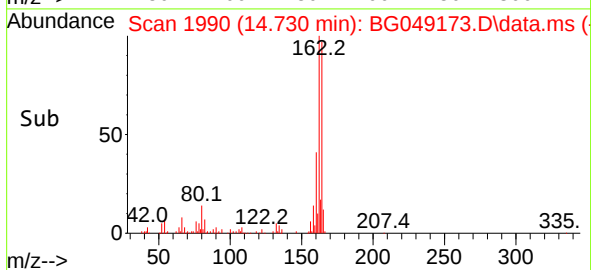
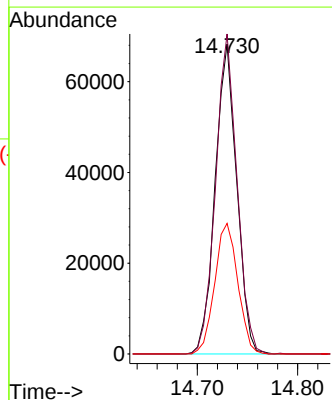
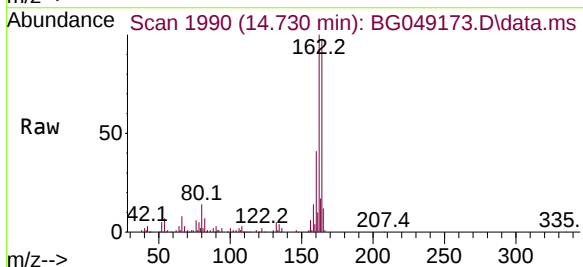
Instrument :
BNA_G
ClientSampleId :
COMP-3

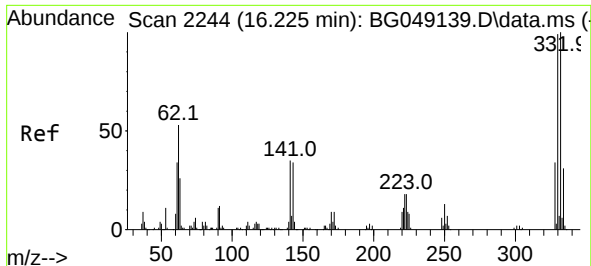
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.009 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

Tgt Ion:164 Resp: 101865
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 42.1 34.9 52.3

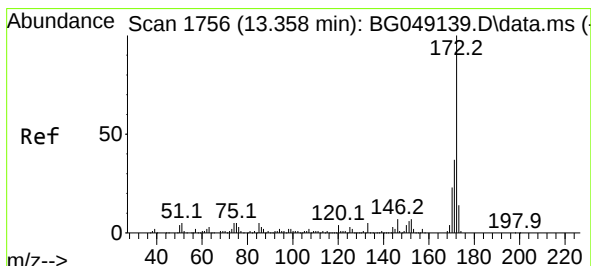
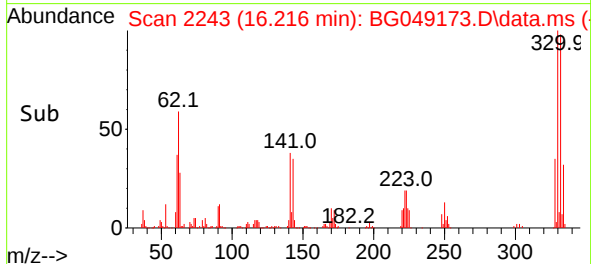
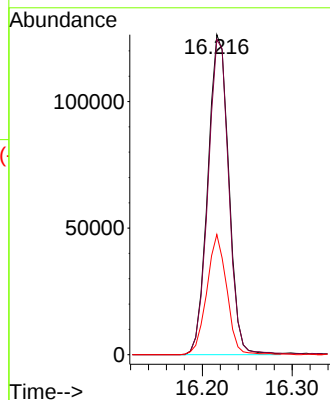
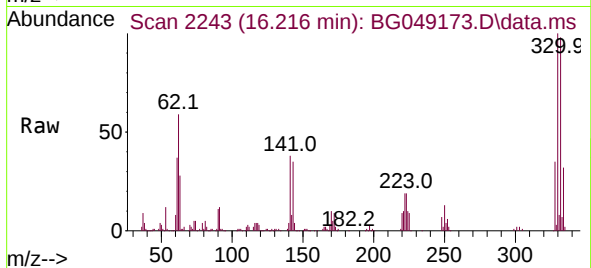




#42
2,4,6-Tribromophenol
Concen: 115.81 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

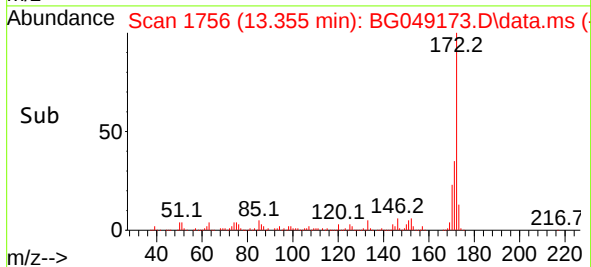
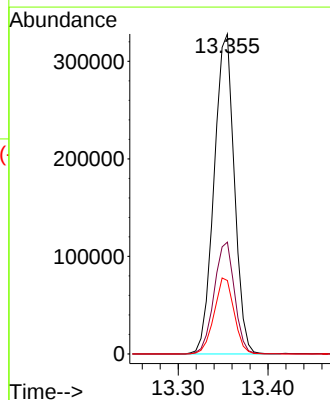
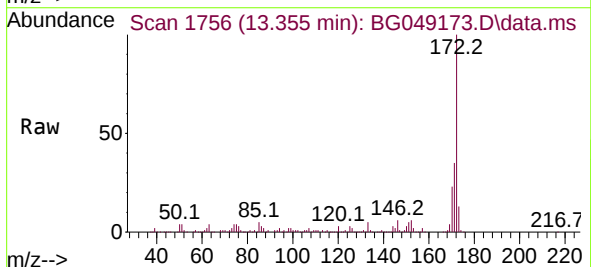
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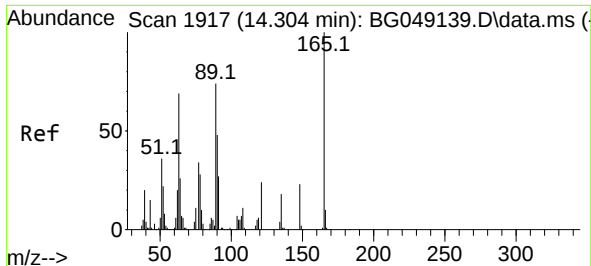
Tgt Ion:330 Resp: 204509
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 35.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 67.95 ng
RT: 13.355 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

Tgt Ion:172 Resp: 513063
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 22.9 18.6 27.8

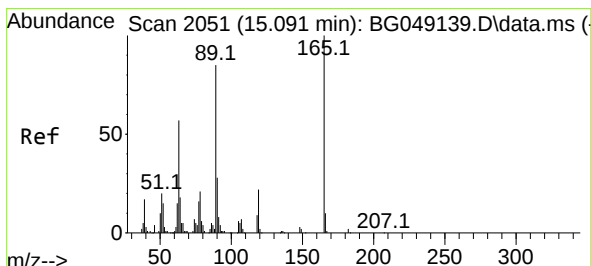
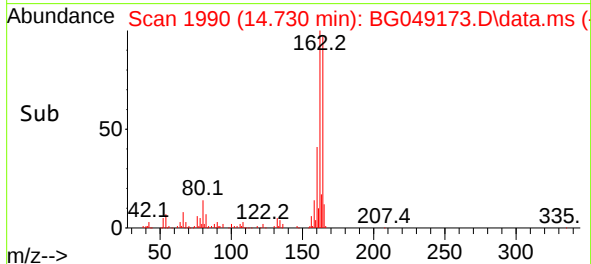
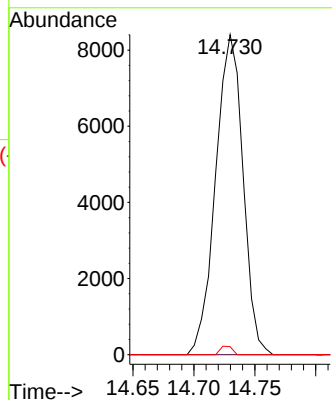
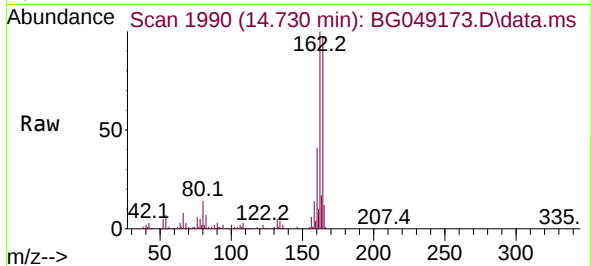




#51
2,6-Dinitrotoluene
Concen: 7.01 ng
RT: 14.730 min Scan# 1990
Delta R.T. 0.426 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

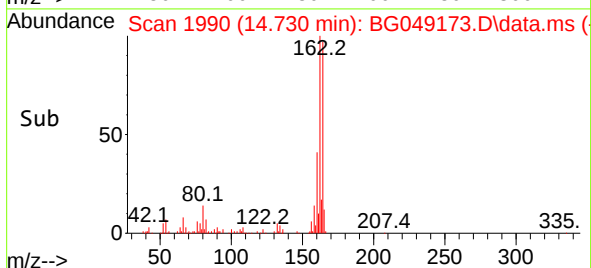
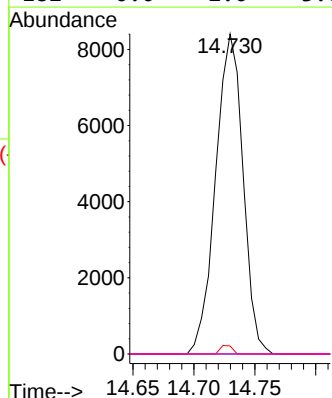
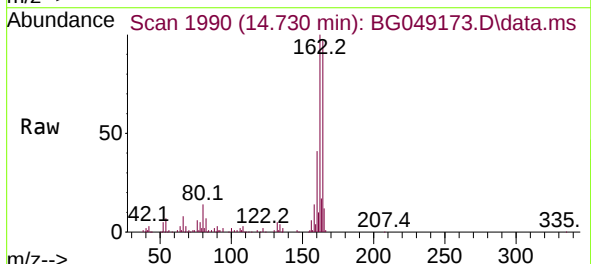
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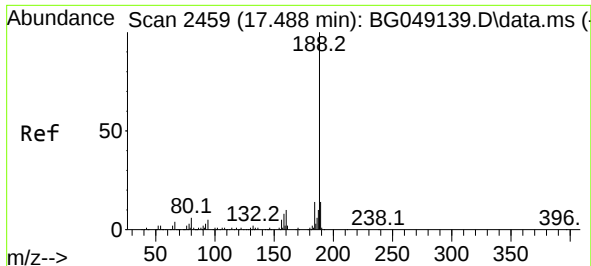
Tgt Ion:165 Resp: 13135
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.5 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 4.93 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.362 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

Tgt Ion:165 Resp: 13135
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.5 65.4 98.0#
182 0.0 2.0 3.0#

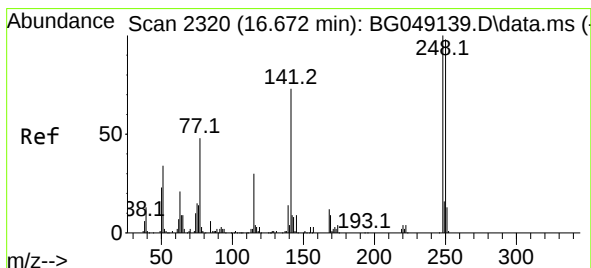
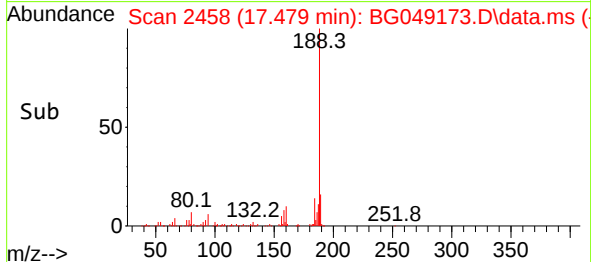
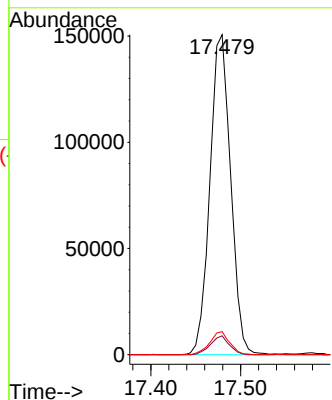
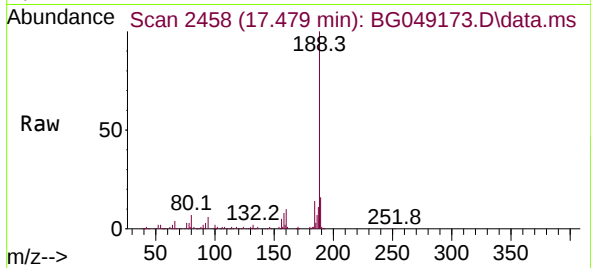




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.479 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

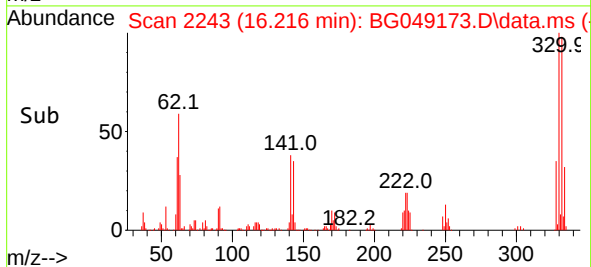
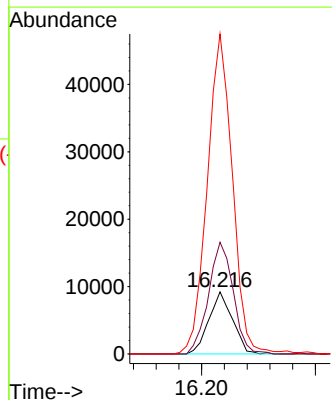
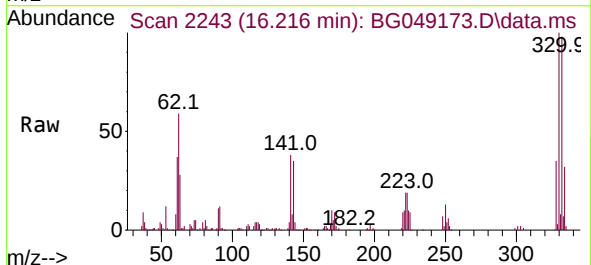
Instrument :
BNA_G
ClientSampleId :
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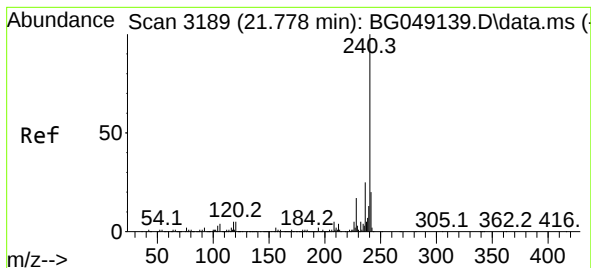
Tgt Ion:188 Resp: 241796
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 7.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.456 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

Tgt Ion:248 Resp: 13342
Ion Ratio Lower Upper
248 100
250 179.9 76.1 114.1#
141 515.1 65.4 98.2#

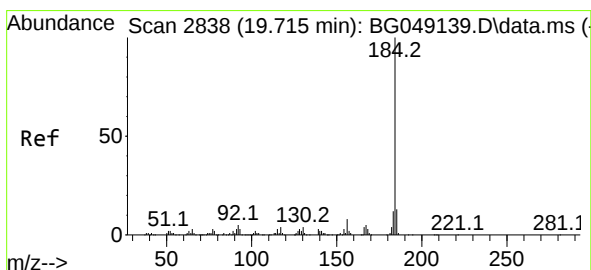
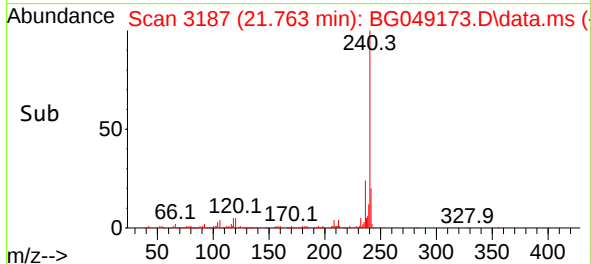
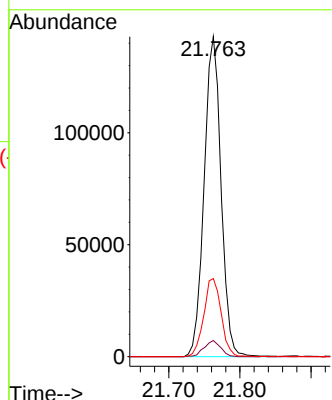
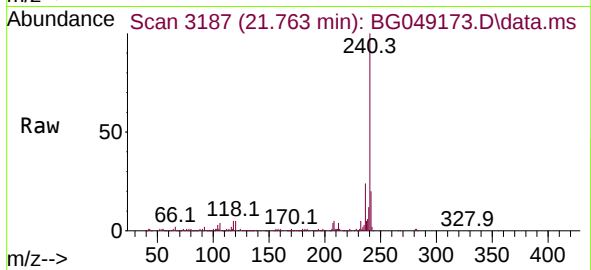




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3187
Delta R.T. -0.015 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

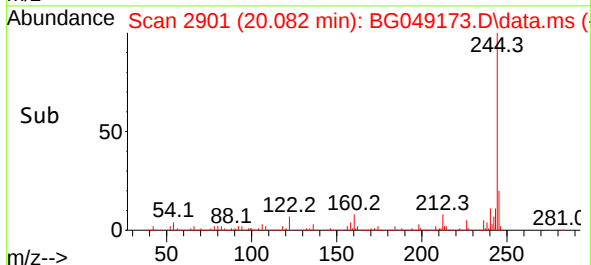
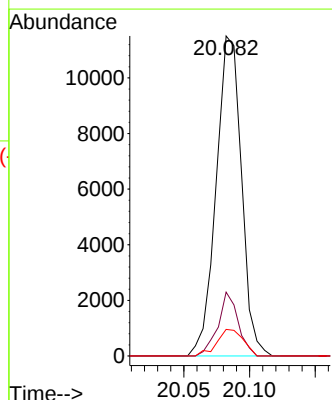
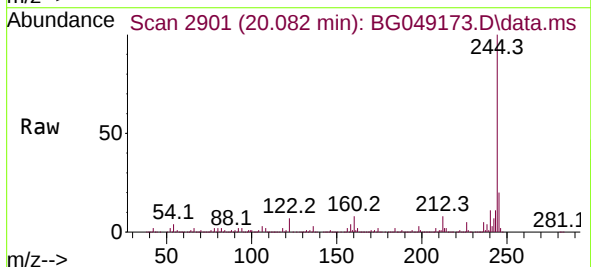
Instrument :
BNA_G
ClientSampleId :
COMP-3

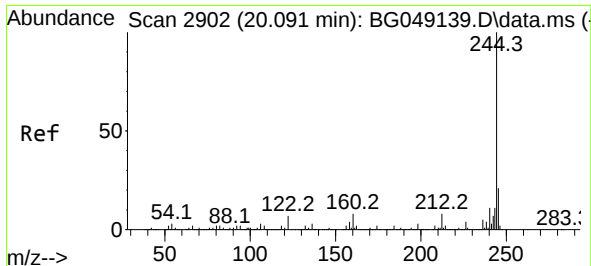
Tgt Ion:240 Resp: 236775
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 24.4 21.8 32.6



#77
Benzidine
Concen: 3.03 ng
RT: 20.082 min Scan# 2901
Delta R.T. 0.367 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

Tgt Ion:184 Resp: 15406
Ion Ratio Lower Upper
184 100
185 20.0 10.7 16.1#
183 8.3 9.4 14.0#

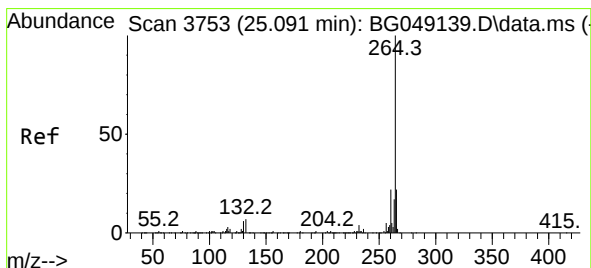
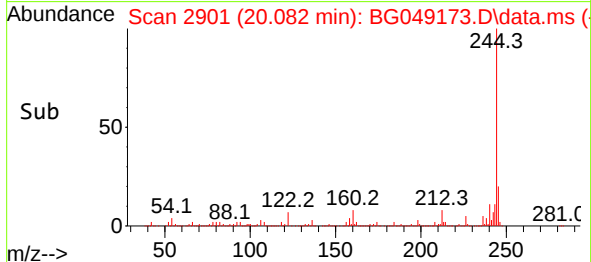
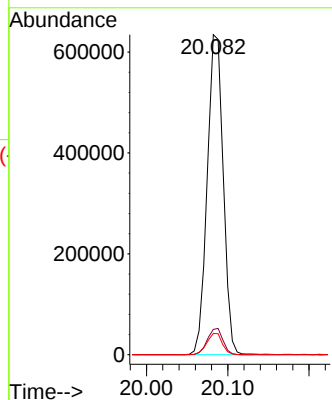
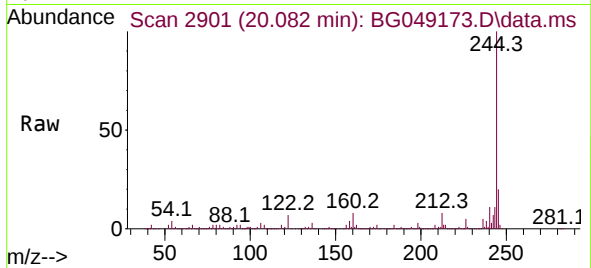




#79
Terphenyl-d14
Concen: 62.08 ng
RT: 20.082 min Scan# 2901
Delta R.T. -0.009 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tgt Ion:244 Resp: 867487
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 6.6 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.065 min Scan# 3749
Delta R.T. -0.027 min
Lab File: BG049173.D
Acq: 2 Jul 2021 18:51

Tgt Ion:264 Resp: 245543
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.4 16.9 25.3

