

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
 Data File : BG049122.D
 Acq On : 28 Jun 2021 17:01
 Operator : CG/JU
 Sample : M2827-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAY-5

Quant Time: Jun 29 04:00:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

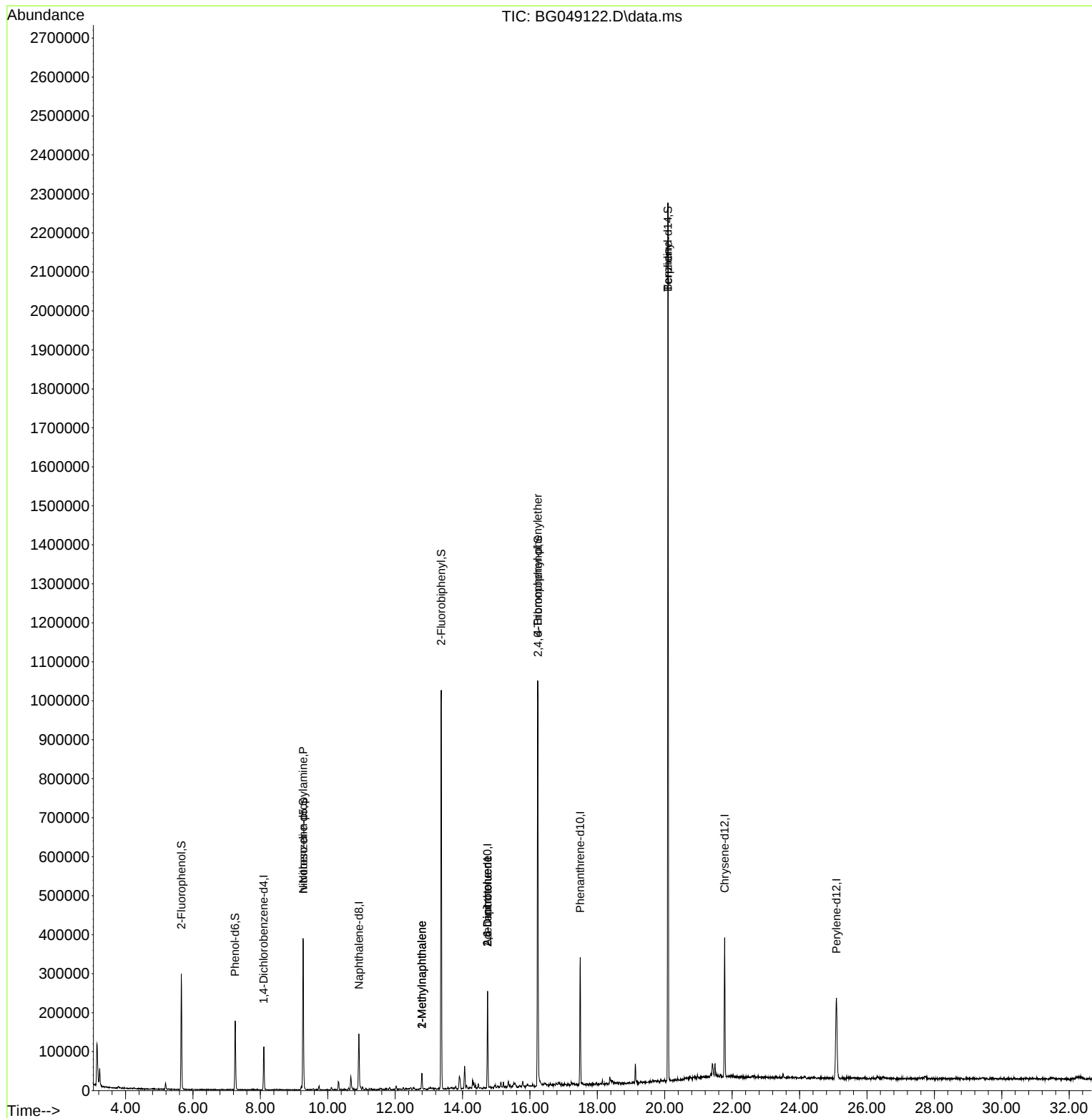
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	30303	20.00	ng	# 0.00
21) Naphthalene-d8	10.924	136	120126	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	88013	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	201103	20.00	ng	# 0.00
76) Chrysene-d12	21.776	240	221902	20.00	ng	-0.01
86) Perylene-d12	25.096	264	234770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	117969	60.60	ng	0.00
7) Phenol-d6	7.252	99	94077	32.24	ng	0.00
23) Nitrobenzene-d5	9.267	82	234368	84.13	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	219467	168.31	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	531514	85.31	ng	0.00
79) Terphenyl-d14	20.096	244	1103087	91.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.267	70	34497	15.13	ng	# 72
37) 2-Methylnaphthalene	12.793	142	17028	3.15	ng	# 80
38) 1-Methylnaphthalene	12.793	142	17028	3.36	ng	# 76
51) 2,6-Dinitrotoluene	14.743	165	11252	8.06	ng	# 14
57) 2,4-Dinitrotoluene	14.743	165	11252	6.56	ng	# 19
67) 4-Bromophenyl-phenylether	16.230	248	14347	5.71	ng	# 1
77) Benzidine	20.096	184	20817	4.66	ng	# 90

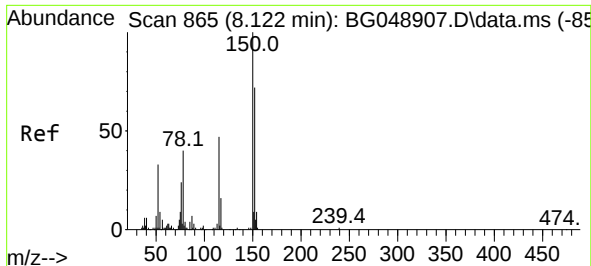
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

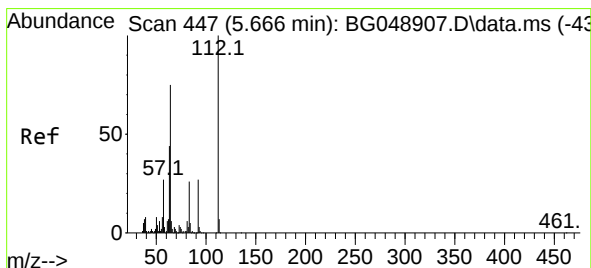
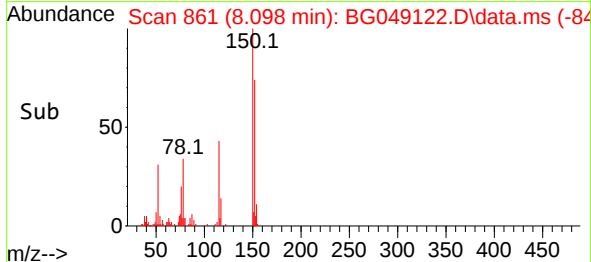
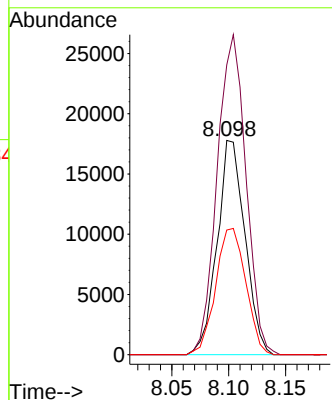
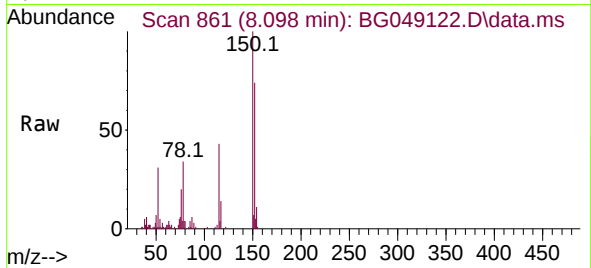




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.098 min Scan# 861
Delta R.T. -0.007 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

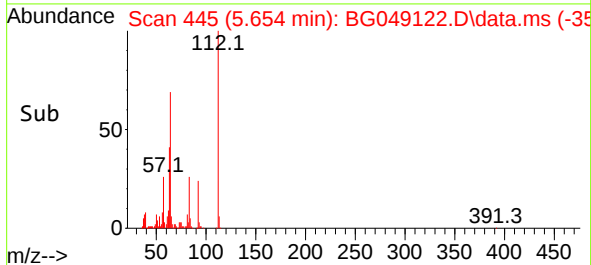
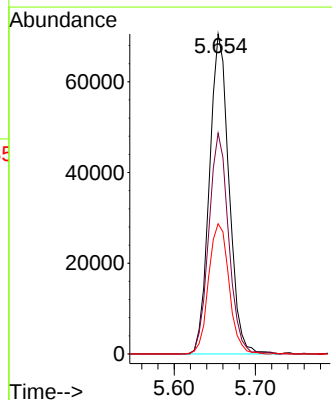
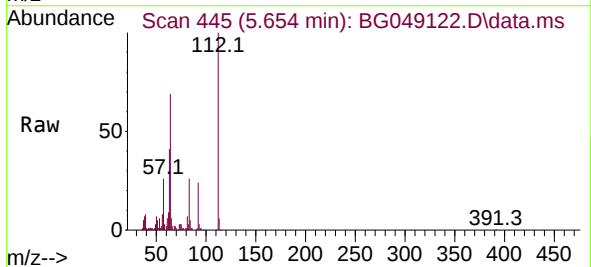
Instrument :
BNA_G
ClientSampled :
DAY-5

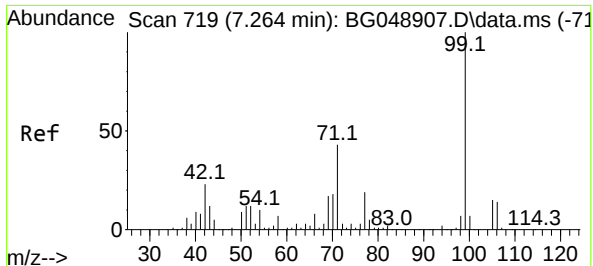
Tgt Ion:152 Resp: 30303
Ion Ratio Lower Upper
152 100
150 135.3 119.4 179.0
115 58.2 60.2 90.4#



#5
2-Fluorophenol
Concen: 60.60 ng
RT: 5.654 min Scan# 445
Delta R.T. -0.001 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion:112 Resp: 117969
Ion Ratio Lower Upper
112 100
64 69.0 46.7 70.1
63 40.7 35.3 52.9

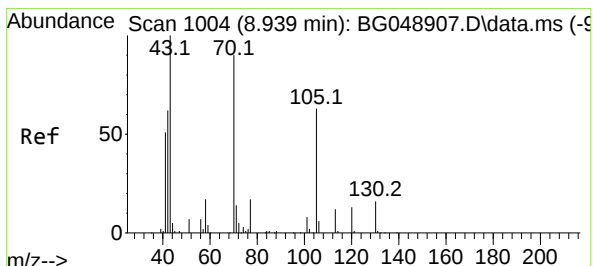
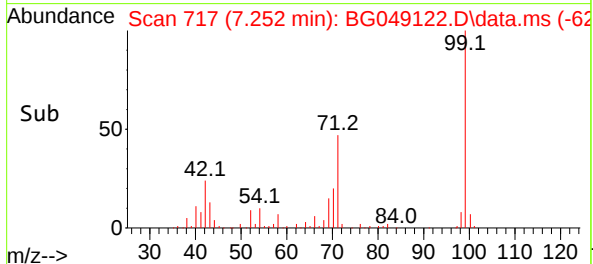
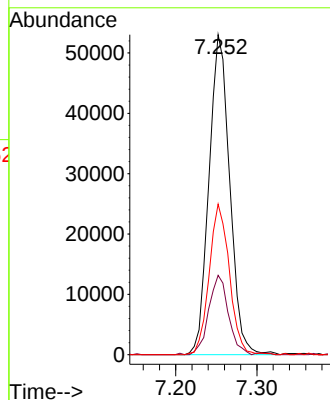
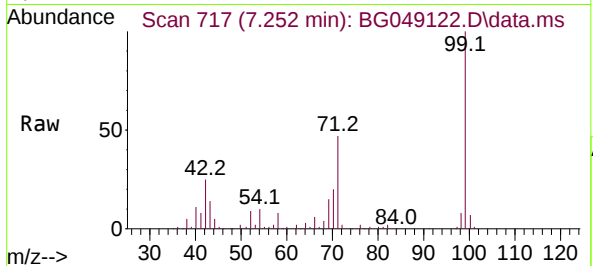




#7
Phenol-d6
Concen: 32.24 ng
RT: 7.252 min Scan# 717
Delta R.T. -0.007 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

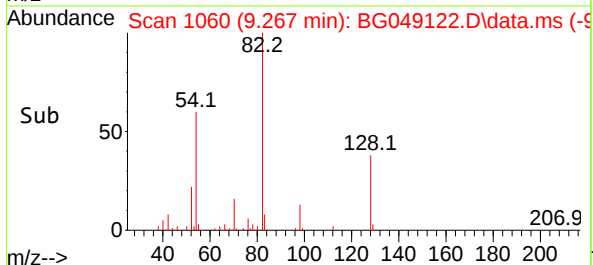
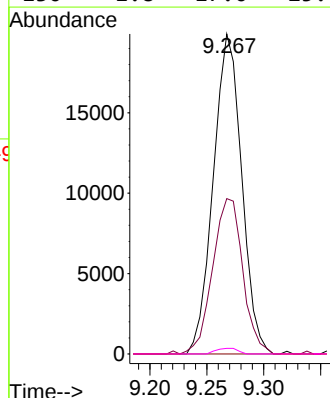
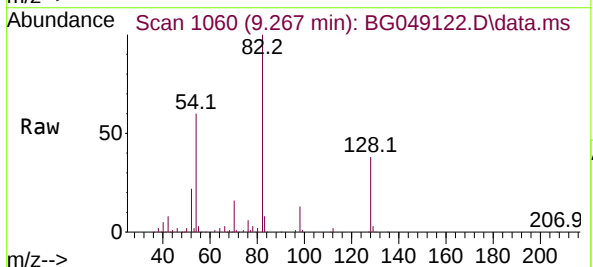
Instrument :
BNA_G
ClientSampleId :
DAY-5

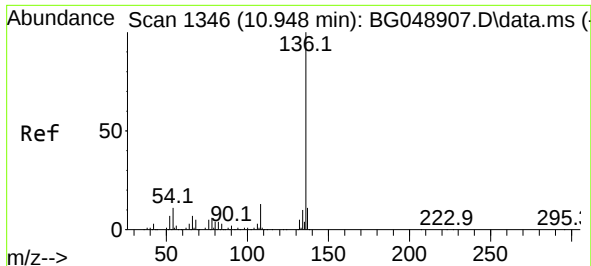
Tgt Ion: 99 Resp: 94077
Ion Ratio Lower Upper
99 100
42 24.8 20.5 30.7
71 47.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.13 ng
RT: 9.267 min Scan# 1060
Delta R.T. 0.357 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion: 70 Resp: 34497
Ion Ratio Lower Upper
70 100
42 48.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

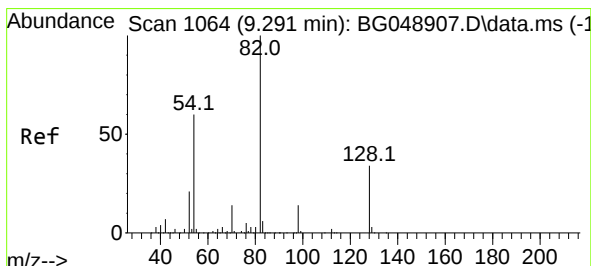
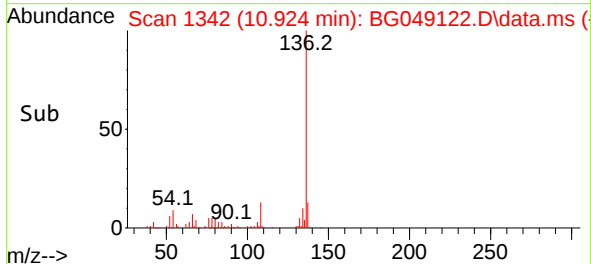
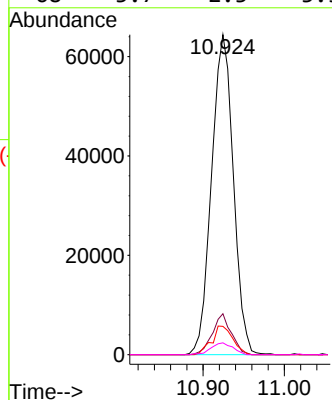
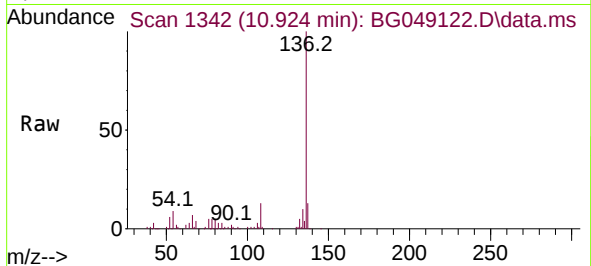




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

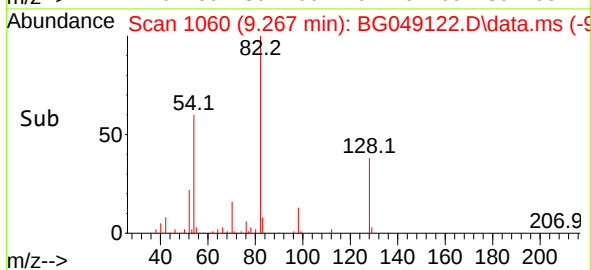
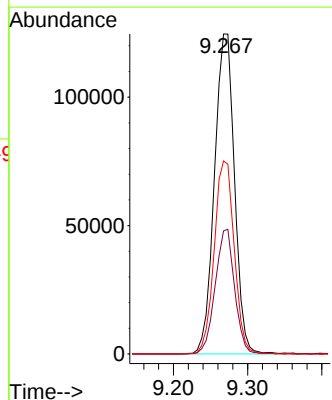
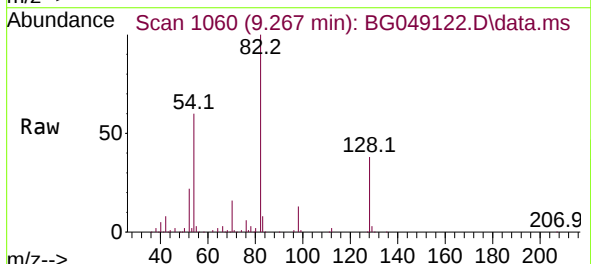
Instrument :
BNA_G
ClientSampleId :
DAY-5

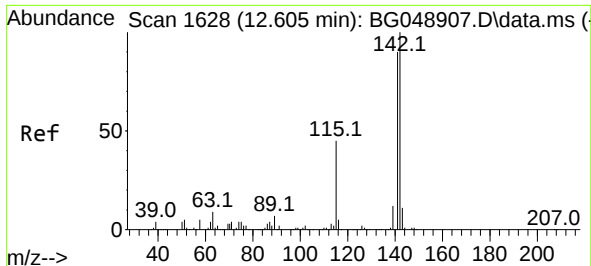
Tgt Ion:136	Resp:	120126
Ion Ratio	Lower	Upper
136	100	
137	12.8	8.2 12.2#
54	8.9	5.5 8.3#
68	3.7	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 84.13 ng
RT: 9.267 min Scan# 1060
Delta R.T. -0.007 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion: 82	Resp:	234368
Ion Ratio	Lower	Upper
82	100	
128	38.4	29.8 44.6
54	60.3	45.8 68.8

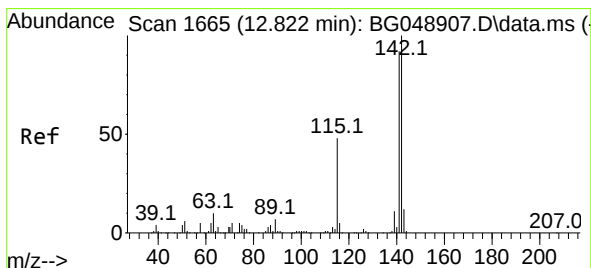
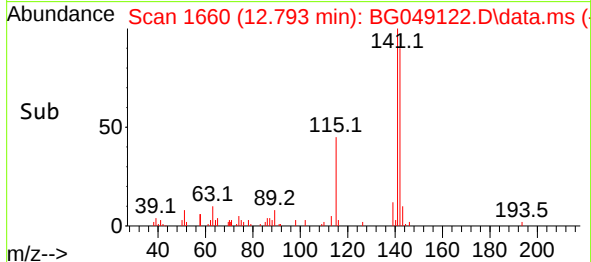
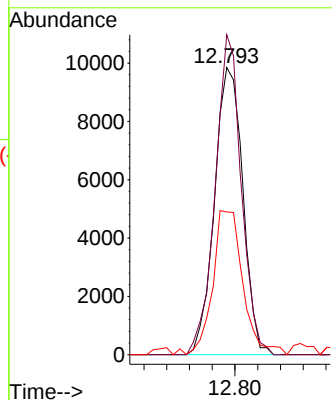
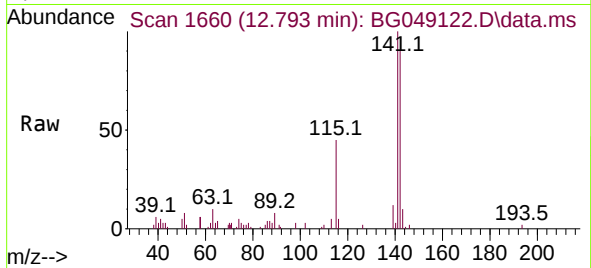




#37
2-Methylnaphthalene
Concen: 3.15 ng
RT: 12.793 min Scan# 1660
Delta R.T. 0.210 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

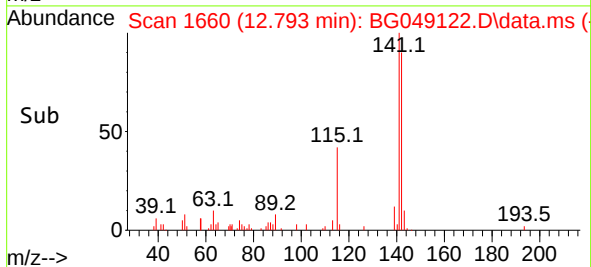
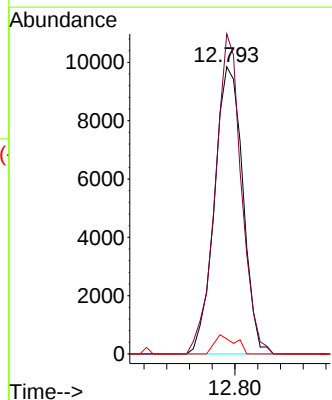
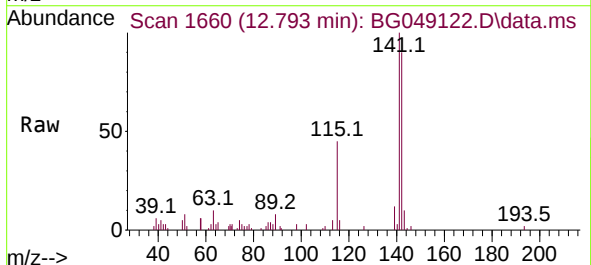
Instrument :
BNA_G
ClientSampleId :
DAY-5

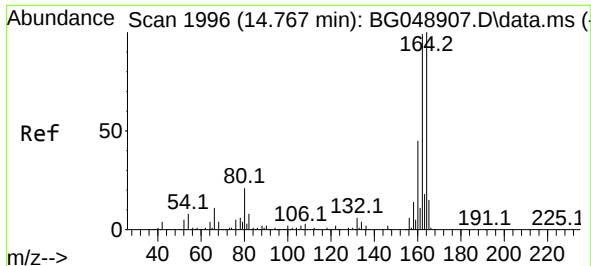
Tgt Ion:142 Resp: 17028
Ion Ratio Lower Upper
142 100
141 111.4 68.8 103.2#
115 49.7 36.4 54.6



#38
1-Methylnaphthalene
Concen: 3.36 ng
RT: 12.793 min Scan# 1660
Delta R.T. -0.007 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion:142 Resp: 17028
Ion Ratio Lower Upper
142 100
141 111.4 70.6 106.0#
116 5.3 4.0 6.0

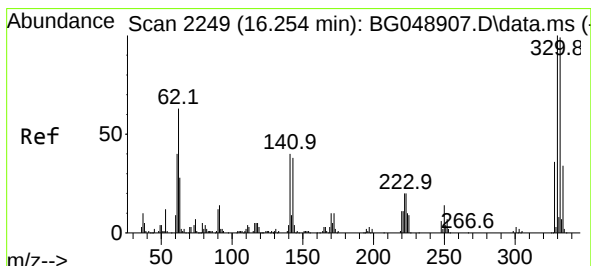
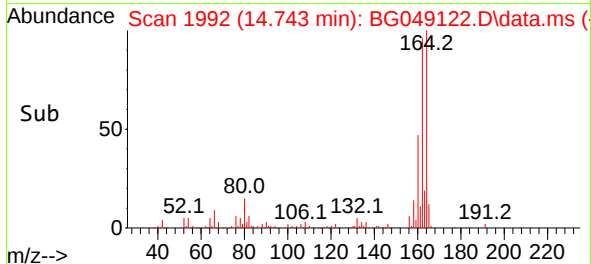
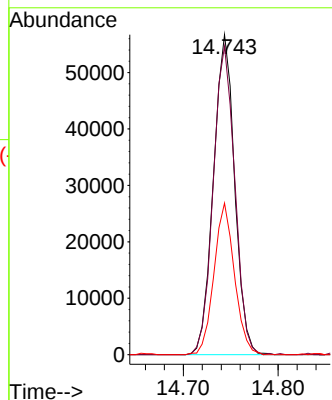
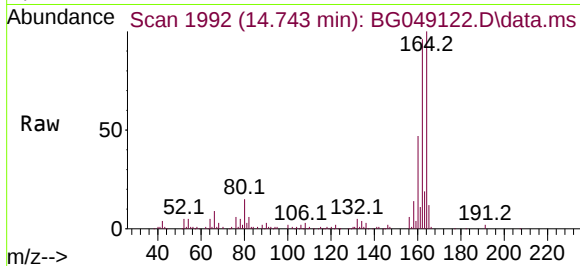




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1992
Delta R.T. -0.007 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

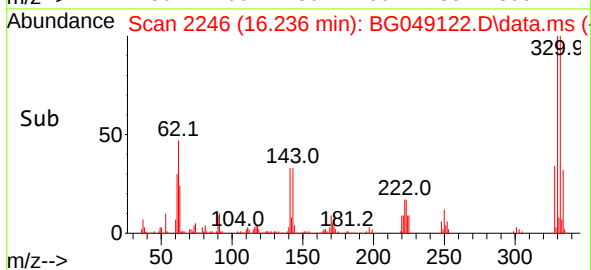
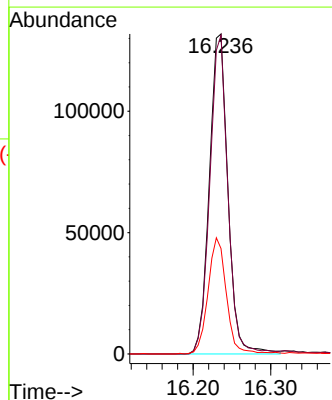
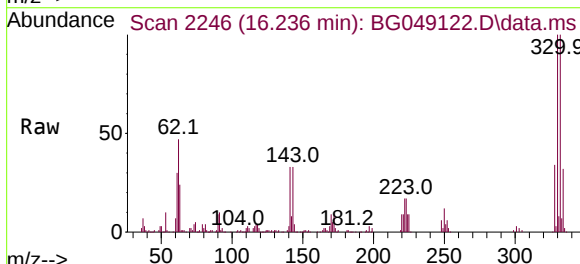
Instrument :
BNA_G
ClientSampleId :
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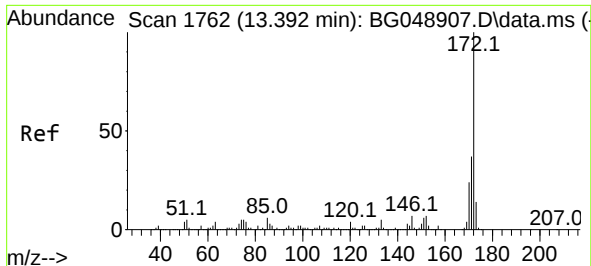
Tgt Ion:164 Resp: 88013
Ion Ratio Lower Upper
164 100
162 96.4 81.4 122.0
160 47.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 168.31 ng
RT: 16.236 min Scan# 2246
Delta R.T. -0.001 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion:330 Resp: 219467
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 36.0 35.6 53.4

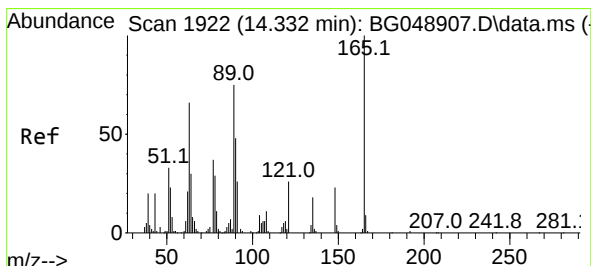
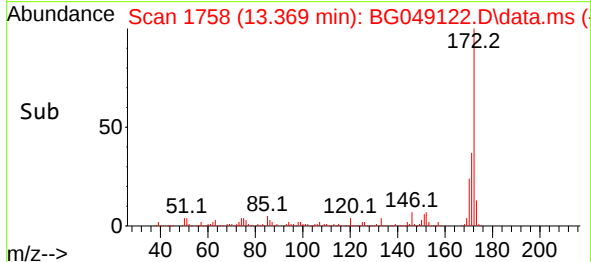
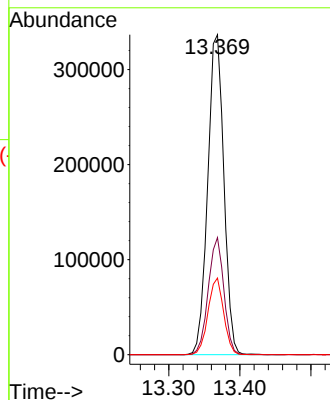
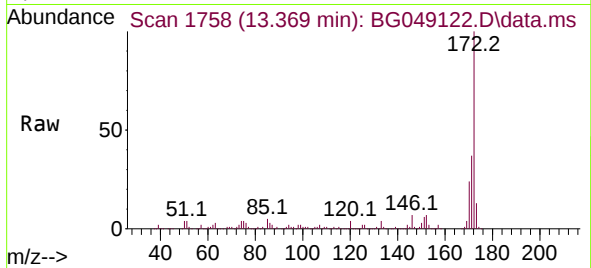




#45
2-Fluorobiphenyl
Concen: 85.31 ng
RT: 13.369 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

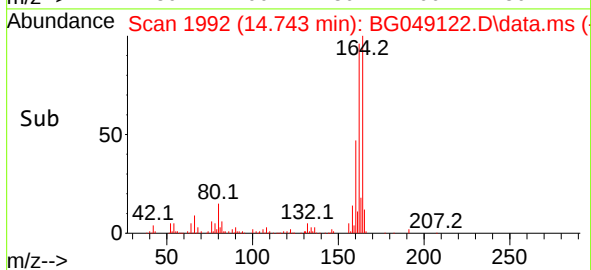
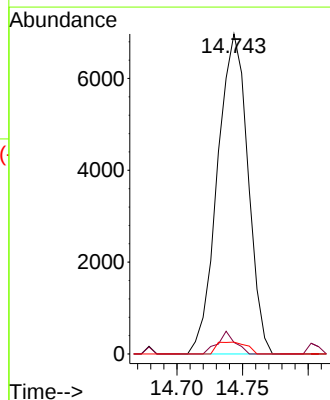
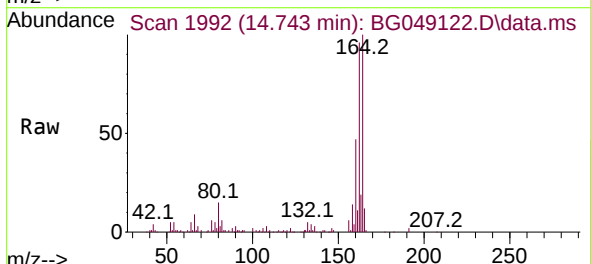
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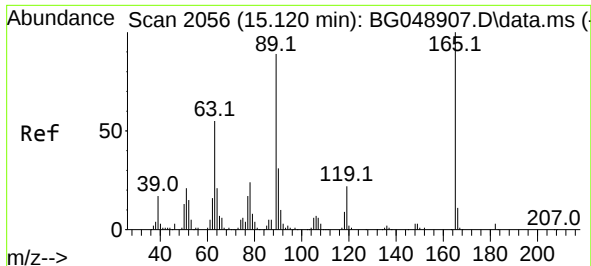
Tgt Ion:172 Resp: 531514
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.06 ng
RT: 14.743 min Scan# 1992
Delta R.T. 0.428 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion:165 Resp: 11252
Ion Ratio Lower Upper
165 100
63 3.6 63.3 94.9#
89 3.7 63.4 95.0#

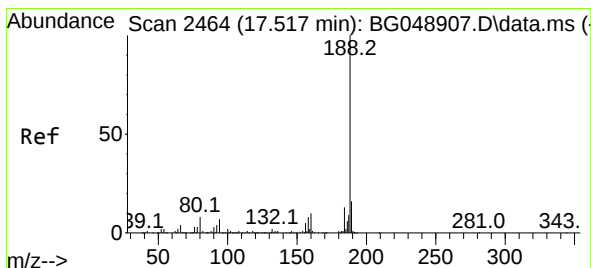
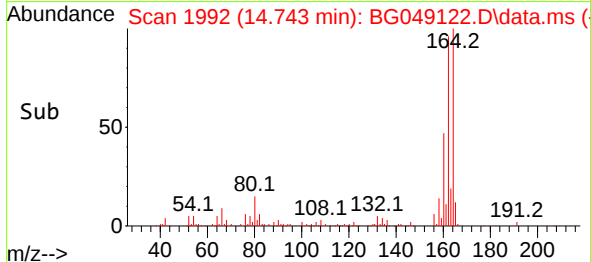
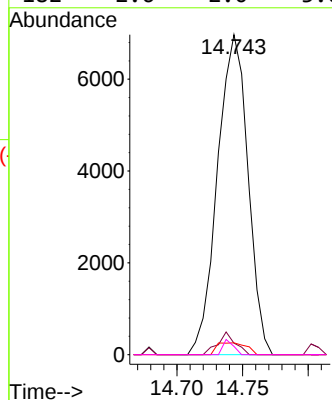
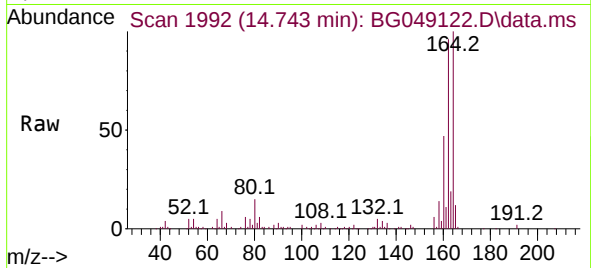




#57
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 14.743 min Scan# 1992
Delta R.T. -0.360 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

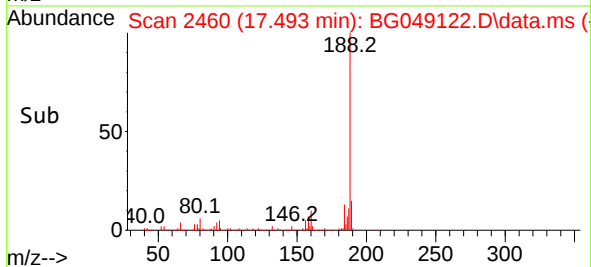
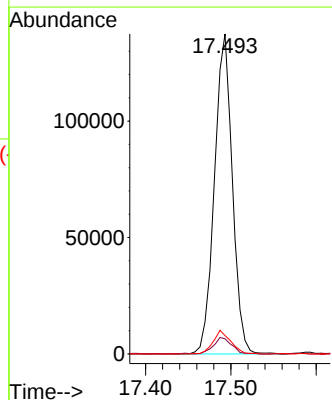
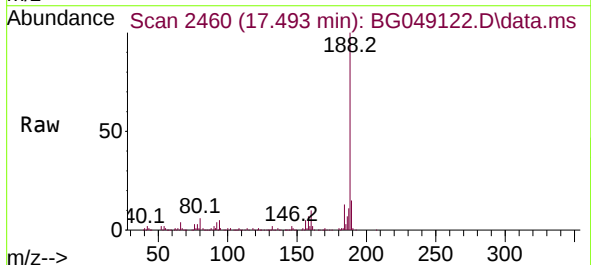
Instrument :
BNA_G
ClientSampled :
DAY-5

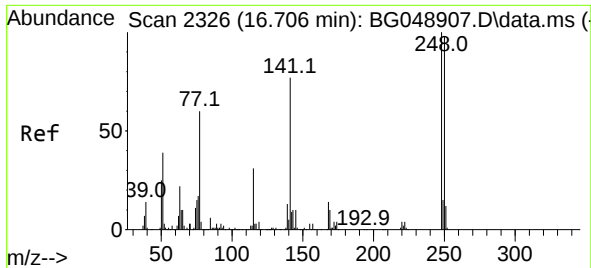
Tgt Ion:165 Resp: 11252
Ion Ratio Lower Upper
165 100
63 3.6 48.0 72.0#
89 3.7 65.4 98.0#
182 2.6 2.0 3.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2460
Delta R.T. -0.007 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion:188 Resp: 201103
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 5.8 3.7 5.5#

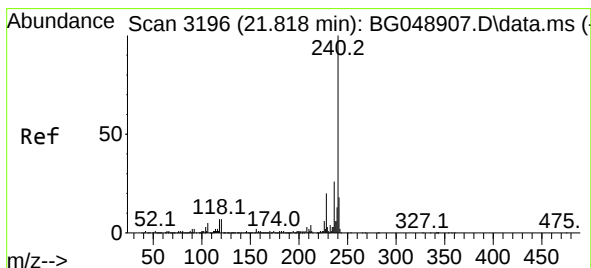
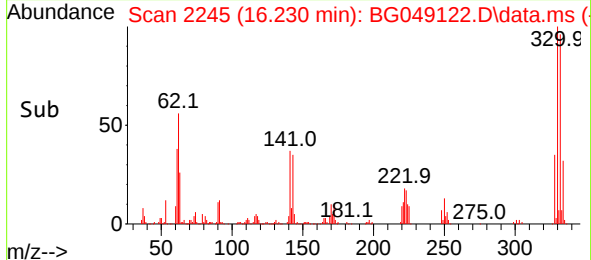
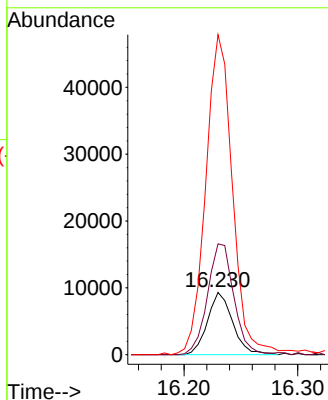
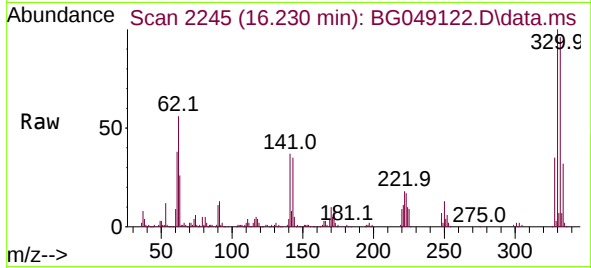




#67
4-Bromophenyl-phenylether
Concen: 5.71 ng
RT: 16.230 min Scan# 2245
Delta R.T. -0.454 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

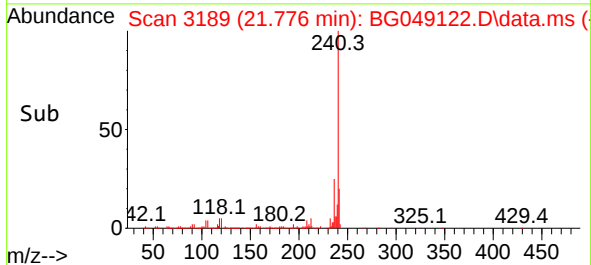
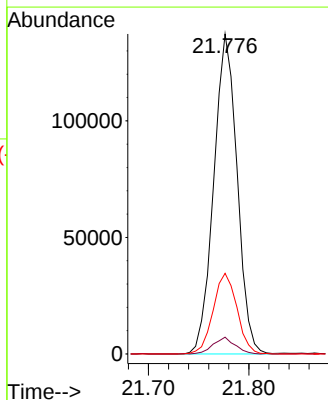
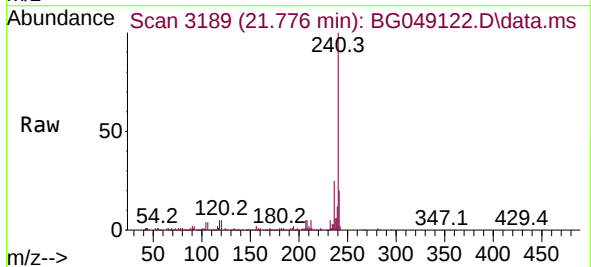
Instrument :
BNA_G
ClientSampleId :
DAY-5

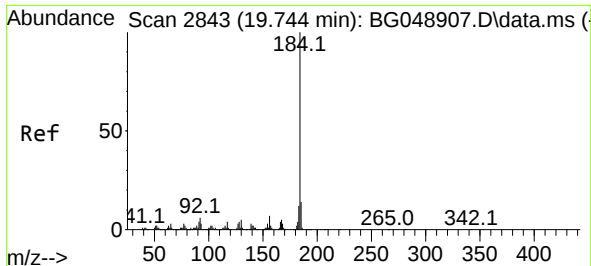
Tgt Ion:248 Resp: 14347
Ion Ratio Lower Upper
248 100
250 178.0 76.1 114.1#
141 513.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.776 min Scan# 3189
Delta R.T. -0.013 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion:240 Resp: 221902
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 25.2 21.8 32.6

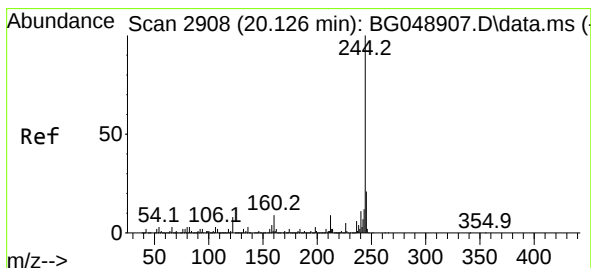
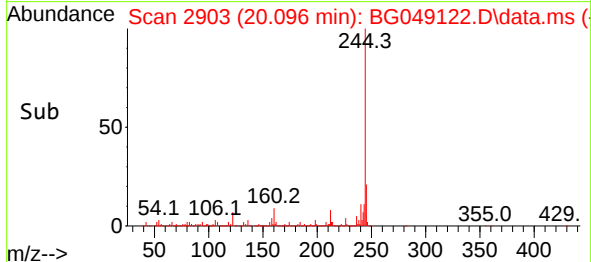
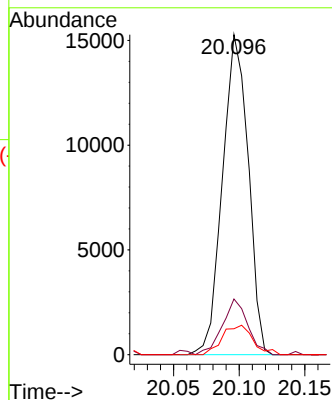
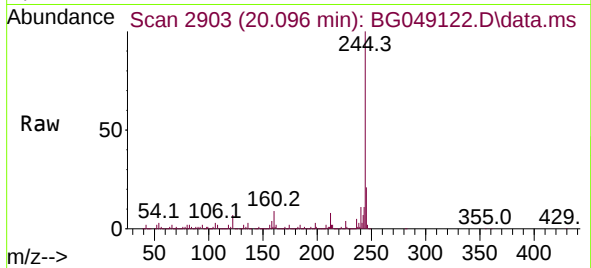




#77
Benzidine
Concen: 4.66 ng
RT: 20.096 min Scan# 2903
Delta R.T. 0.375 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

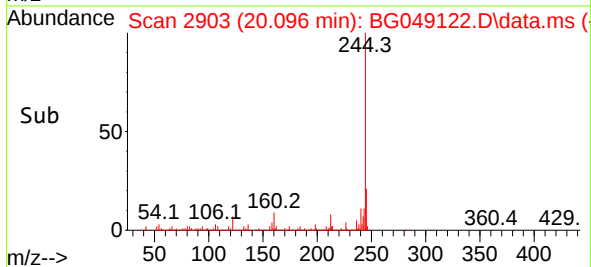
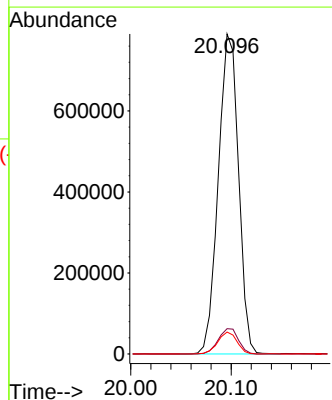
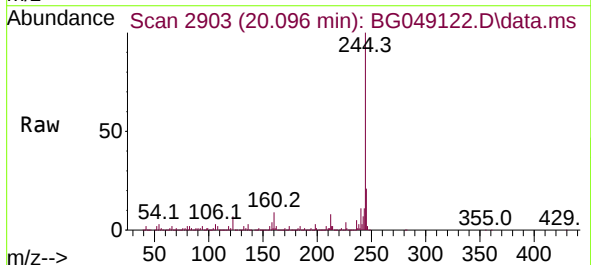
Instrument :
BNA_G
ClientSampleId :
DAY-5

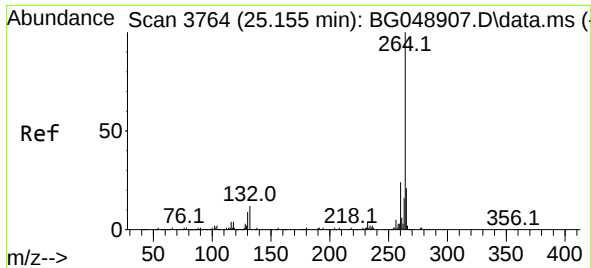
Tgt Ion:184 Resp: 20817
Ion Ratio Lower Upper
184 100
185 17.4 10.7 16.1#
183 8.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 91.04 ng
RT: 20.096 min Scan# 2903
Delta R.T. -0.007 min
Lab File: BG049122.D
Acq: 28 Jun 2021 17:01

Tgt Ion:244 Resp: 1103087
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 6.8 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.096 min Scan# 3754
 Delta R.T. -0.007 min
 Lab File: BG049122.D
 Acq: 28 Jun 2021 17:01

Instrument :
 BNA_G
 ClientSampleId :
 DAY-5

Tgt Ion:264 Resp: 234770
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 22.5 16.9 25.3

