

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
 Data File : BG049073.D
 Acq On : 23 Jun 2021 22:57
 Operator : CG/JU
 Sample : M2795-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2-6-8

Quant Time: Jun 24 02:19:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

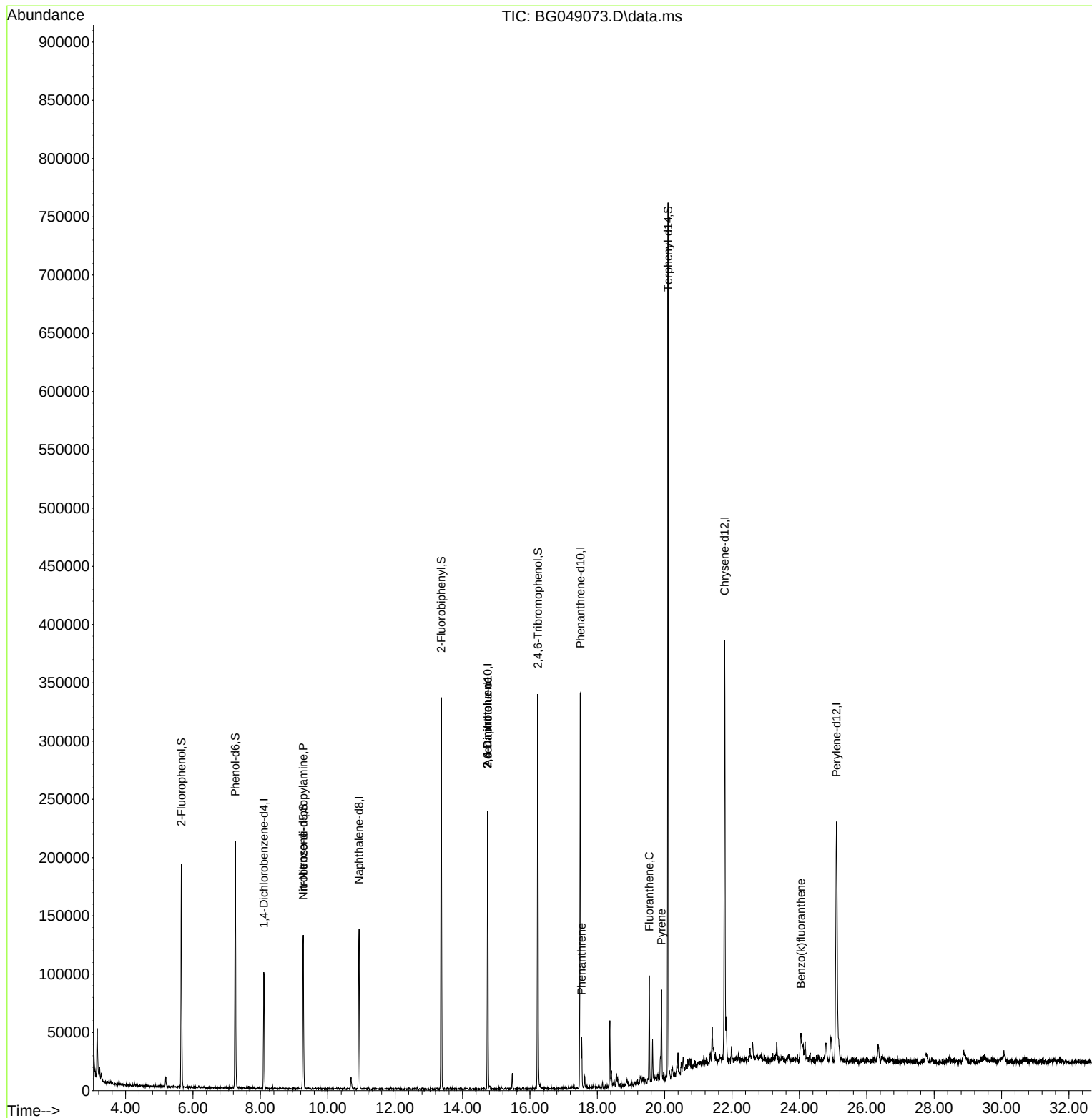
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	26946	20.00	ng	#-0.01
21) Naphthalene-d8	10.929	136	111218	20.00	ng	#-0.01
39) Acenaphthene-d10	14.748	164	87363	20.00	ng	-0.01
64) Phenanthrene-d10	17.498	188	227921	20.00	ng	#-0.01
76) Chrysene-d12	21.781	240	223506	20.00	ng	#-0.02
86) Perylene-d12	25.101	264	236759	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	73772	42.62	ng	0.00
7) Phenol-d6	7.257	99	106722	41.14	ng	-0.01
23) Nitrobenzene-d5	9.266	82	77962	30.23	ng	-0.02
42) 2,4,6-Tribromophenol	16.235	330	67959	52.50	ng	-0.01
45) 2-Fluorobiphenyl	13.368	172	173018	27.98	ng	-0.02
79) Terphenyl-d14	20.101	244	356179	29.19	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.272	70	11182	5.51	ng	# 74
51) 2,6-Dinitrotoluene	14.742	165	11645	8.40	ng	# 11
57) 2,4-Dinitrotoluene	14.742	165	11645	6.84	ng	# 16
71) Phenanthrene	17.539	178	27004	2.11	ng	93
75) Fluoranthene	19.543	202	53607	3.47	ng	99
78) Pyrene	19.907	202	51267	3.16	ng	98
89) Benzo(k)fluoranthene	24.043	252	32547	2.03	ng	# 90

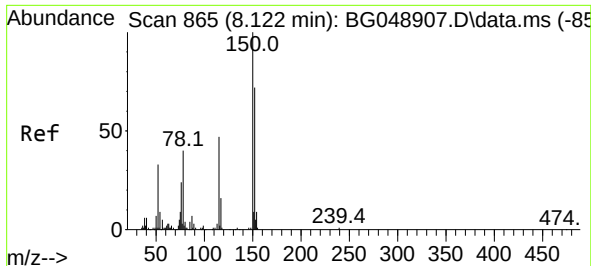
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
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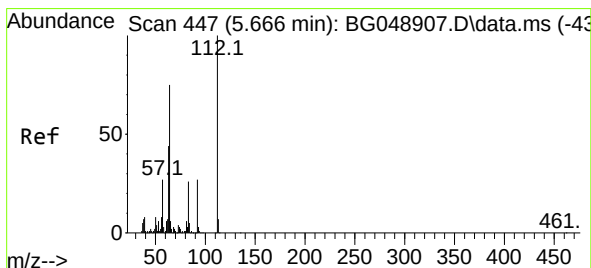
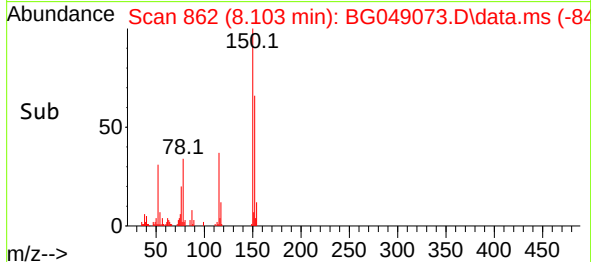
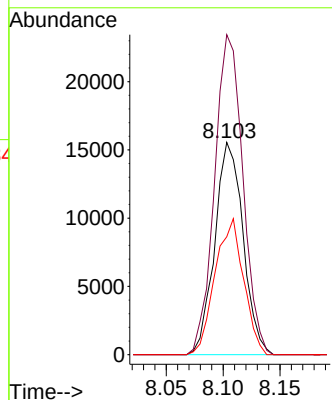
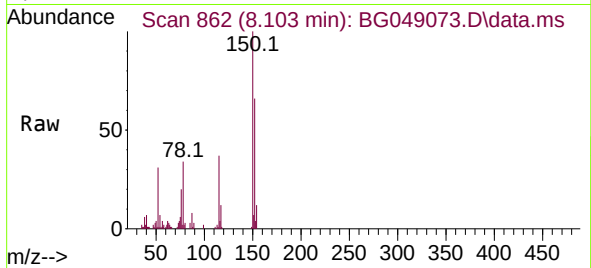




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 862
Delta R.T. -0.011 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

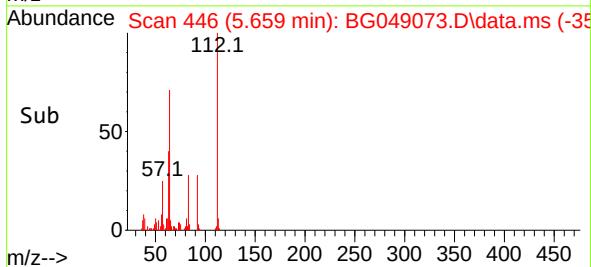
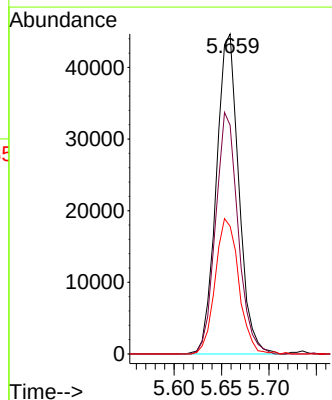
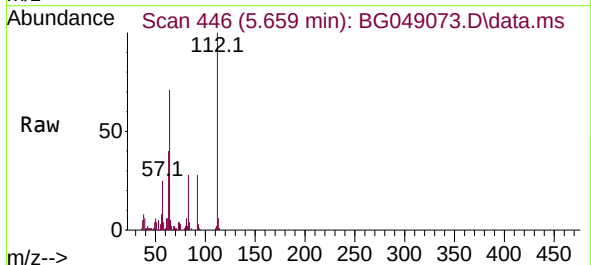
Instrument :
BNA_G
ClientSampleId :
B2-6-8

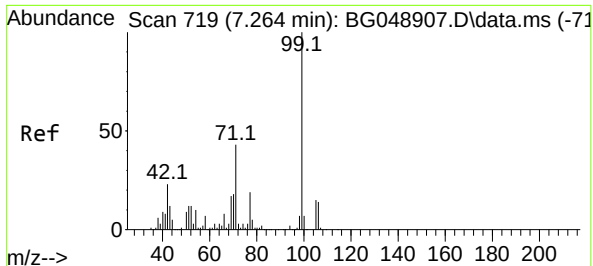
Tgt Ion:152 Resp: 26946
Ion Ratio Lower Upper
152 100
150 150.7 119.4 179.0
115 55.6 60.2 90.4#



#5
2-Fluorophenol
Concen: 42.62 ng
RT: 5.659 min Scan# 446
Delta R.T. -0.005 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

Tgt Ion:112 Resp: 73772
Ion Ratio Lower Upper
112 100
64 71.5 46.7 70.1#
63 39.9 35.3 52.9

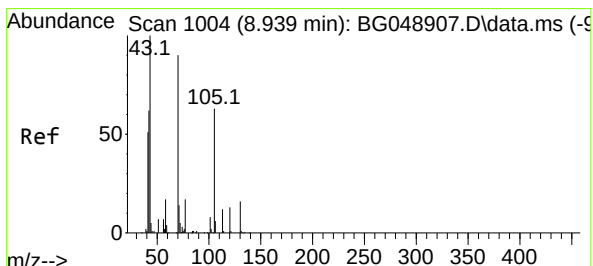
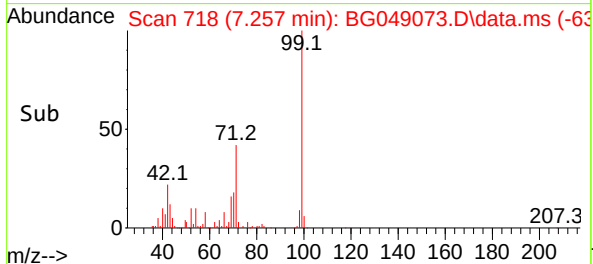
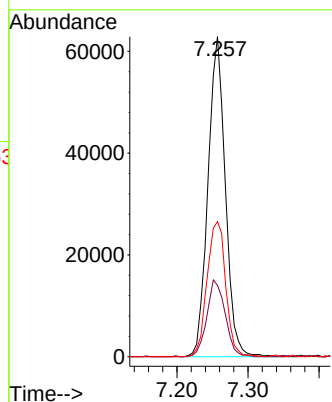
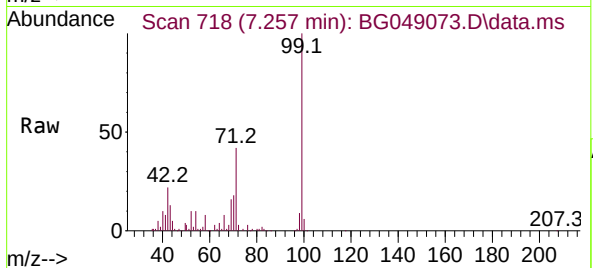




#7
Phenol-d6
Concen: 41.14 ng
RT: 7.257 min Scan# 718
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

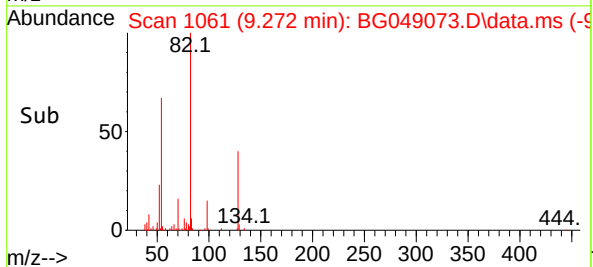
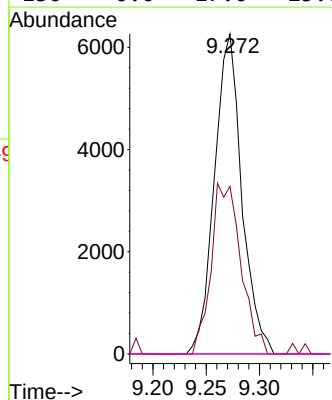
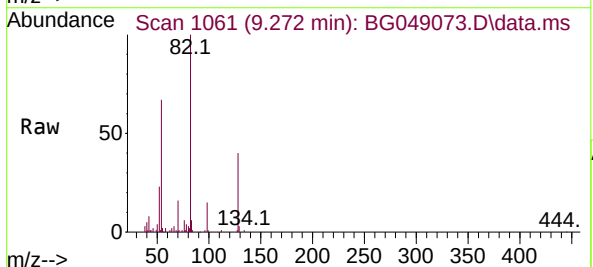
Instrument :
BNA_G
ClientSampleId :
B2-6-8

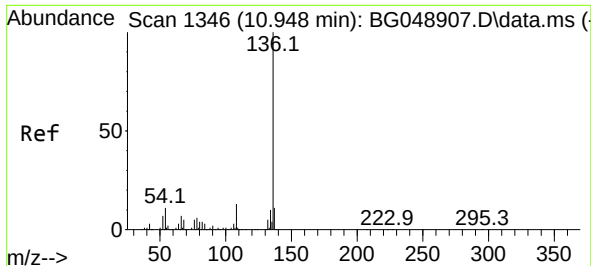
Tgt Ion:	99	Resp:	106722
Ion	Ratio	Lower	Upper
99	100		
42	22.3	20.5	30.7
71	42.2	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 5.51 ng
RT: 9.272 min Scan# 1061
Delta R.T. 0.348 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

Tgt Ion:	70	Resp:	11182
Ion	Ratio	Lower	Upper
70	100		
42	52.3	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

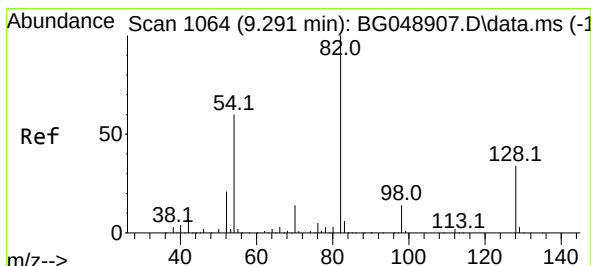
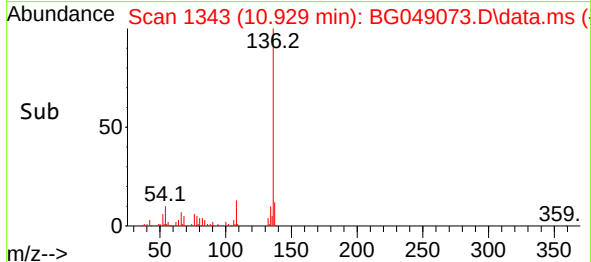
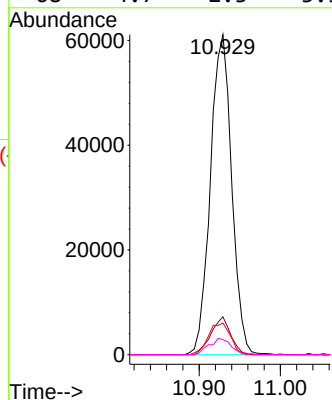
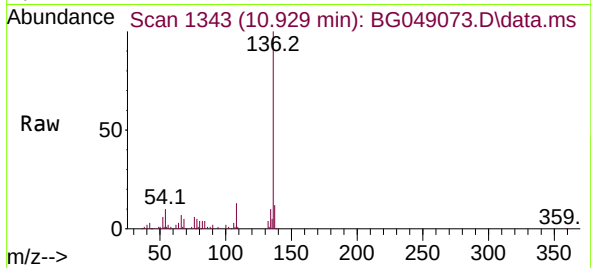




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.929 min Scan# 1343
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

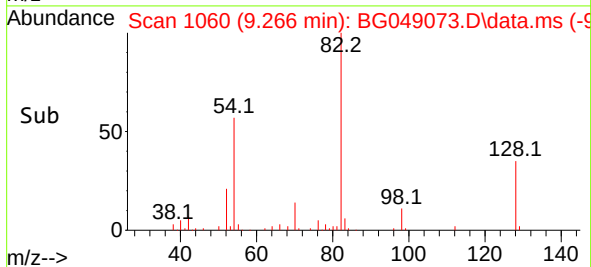
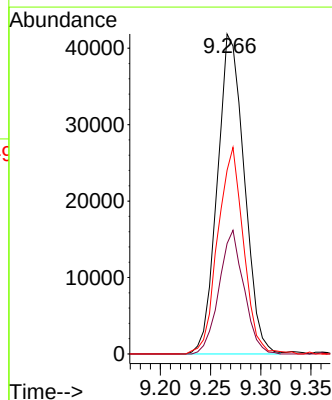
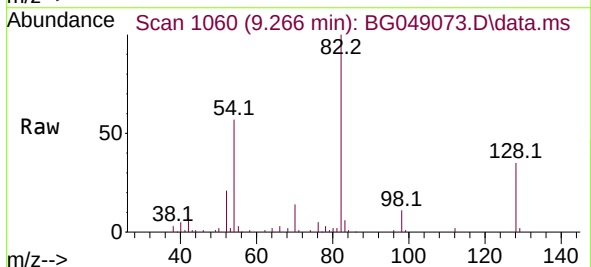
Instrument :
BNA_G
ClientSampled :
B2-6-8

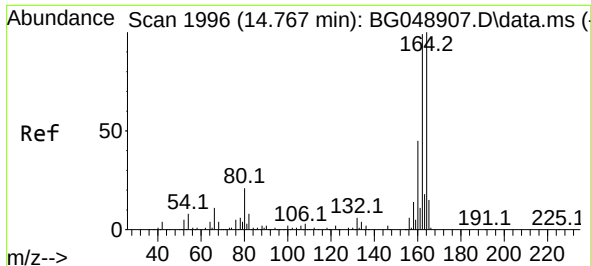
Tgt Ion:	136	Resp:	111218
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.2	12.2
54	9.9	5.5	8.3#
68	4.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 30.23 ng
RT: 9.266 min Scan# 1060
Delta R.T. -0.016 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

Tgt Ion:	82	Resp:	77962
Ion Ratio	Lower	Upper	
82	100		
128	34.5	29.8	44.6
54	57.4	45.8	68.8

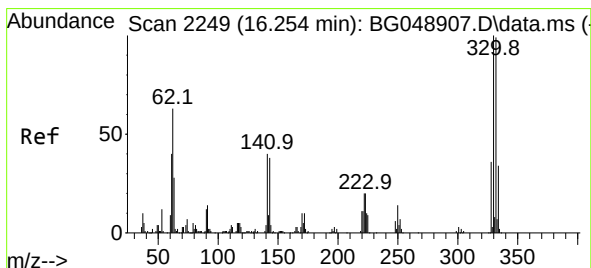
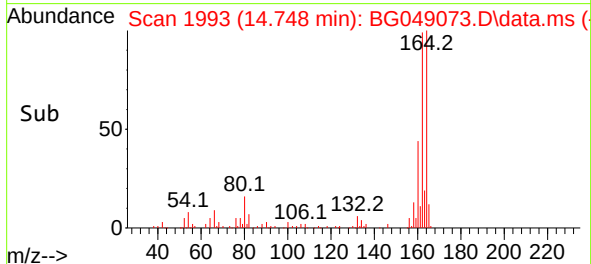
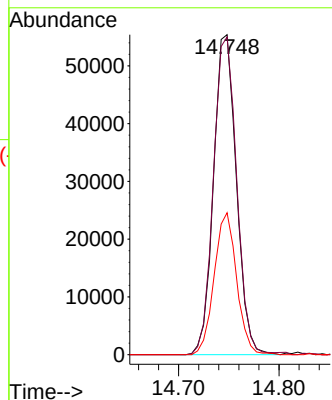
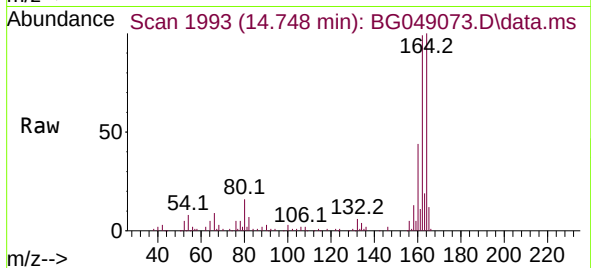




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

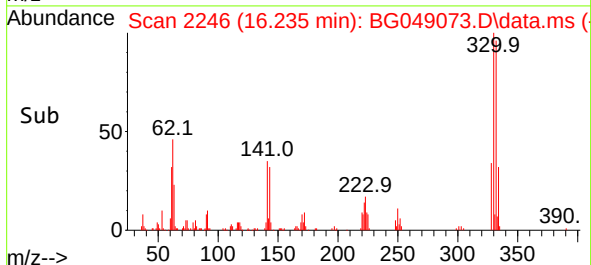
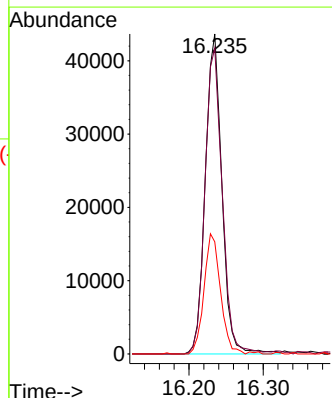
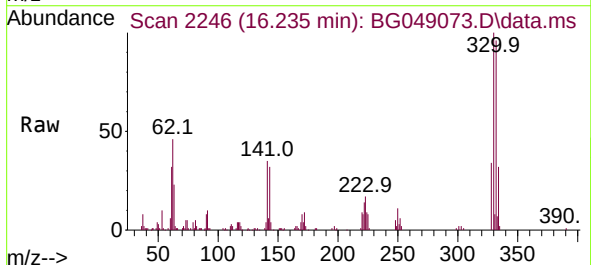
Instrument :
BNA_G
ClientSampleId :
B2-6-8

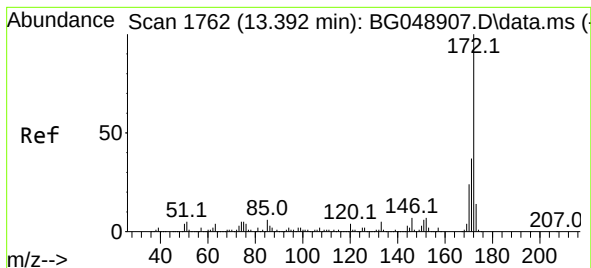
Tgt Ion:164 Resp: 87363
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 44.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 52.50 ng
RT: 16.235 min Scan# 2246
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

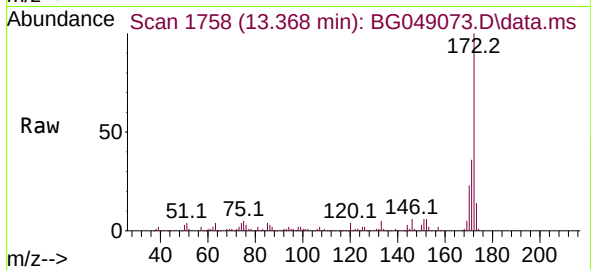
Tgt Ion:330 Resp: 67959
Ion Ratio Lower Upper
330 100
332 98.9 77.3 115.9
141 37.2 35.6 53.4



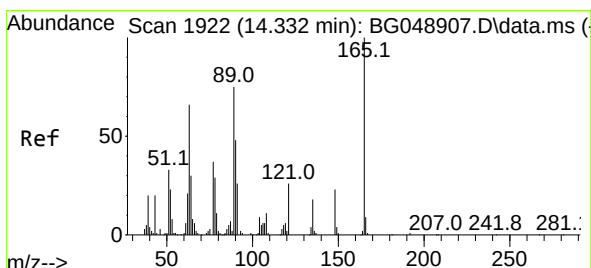
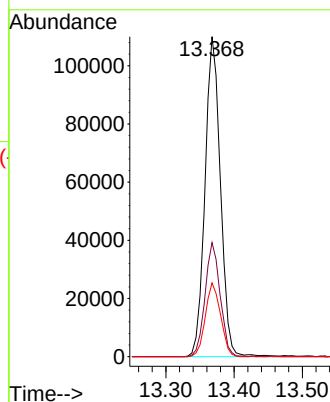
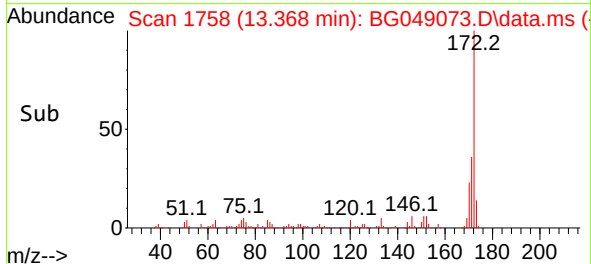


#45
2-Fluorobiphenyl
Concen: 27.98 ng
RT: 13.368 min Scan# 1758
Delta R.T. -0.016 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

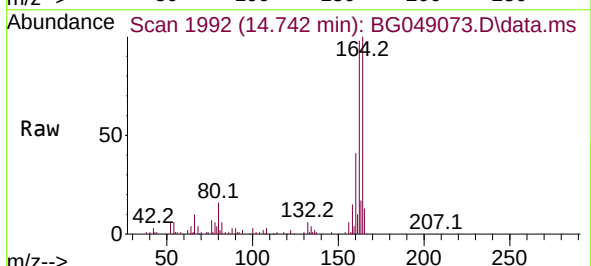
Instrument :
BNA_G
ClientSampleId :
B2-6-8



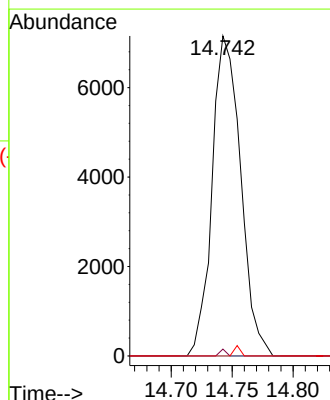
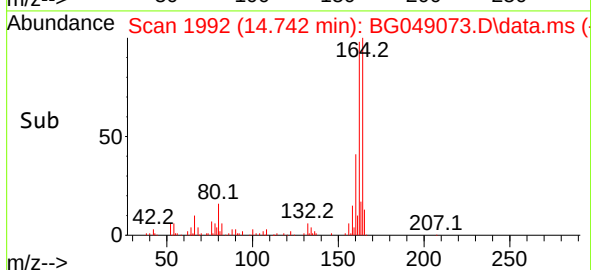
Tgt Ion:172 Resp: 173018
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.1 18.6 27.8

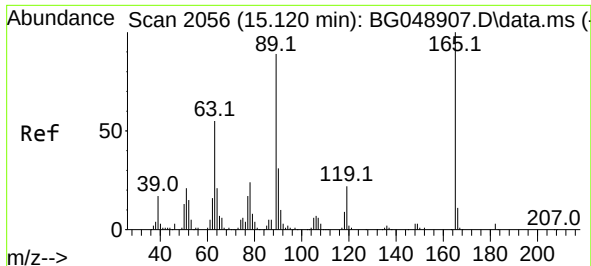


#51
2,6-Dinitrotoluene
Concen: 8.40 ng
RT: 14.742 min Scan# 1992
Delta R.T. 0.418 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57



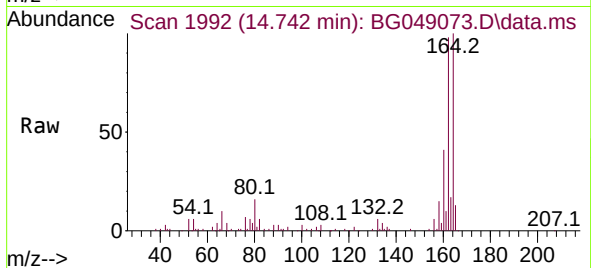
Tgt Ion:165 Resp: 11645
Ion Ratio Lower Upper
165 100
63 2.2 63.3 94.9#
89 0.0 63.4 95.0#



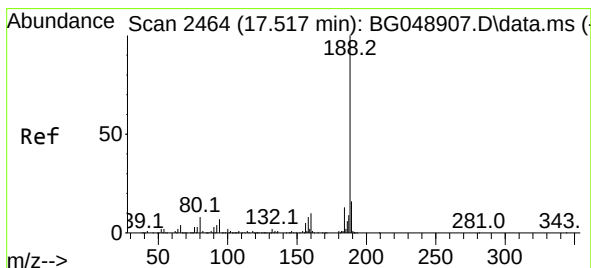
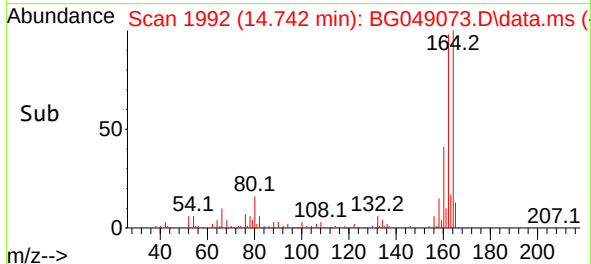
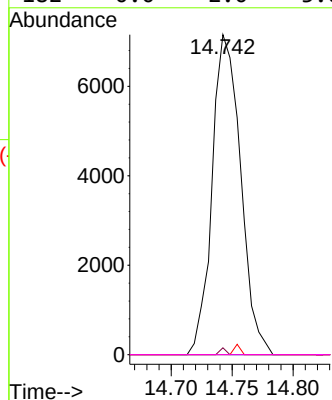


#57
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 14.742 min Scan# 1992
Delta R.T. -0.369 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

Instrument :
BNA_G
ClientSampleId :
B2-6-8

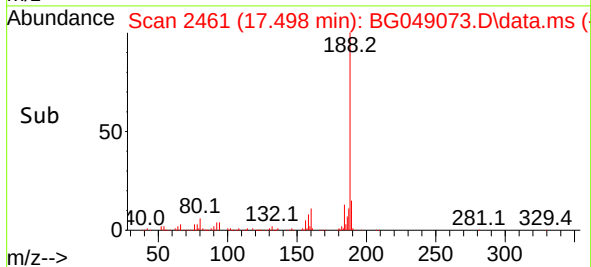
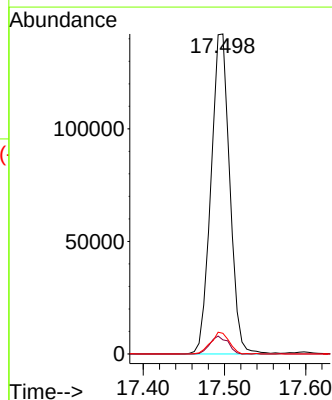
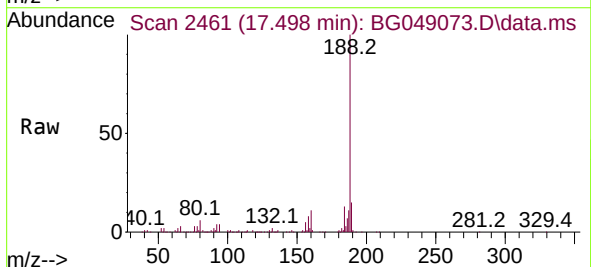


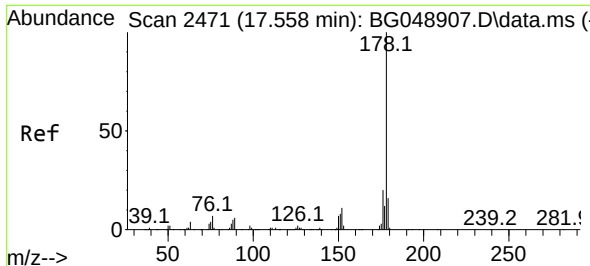
Tgt Ion:165 Resp: 11645
Ion Ratio Lower Upper
165 100
63 2.2 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2461
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

Tgt Ion:188 Resp: 227921
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 6.4 3.7 5.5#

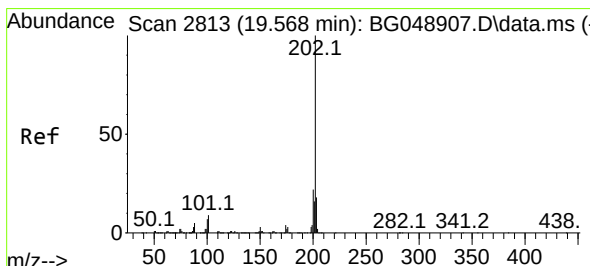
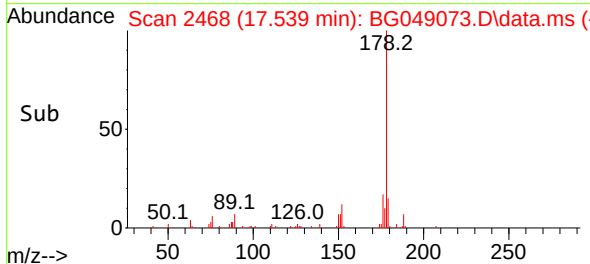
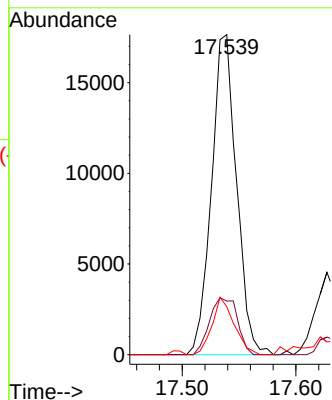
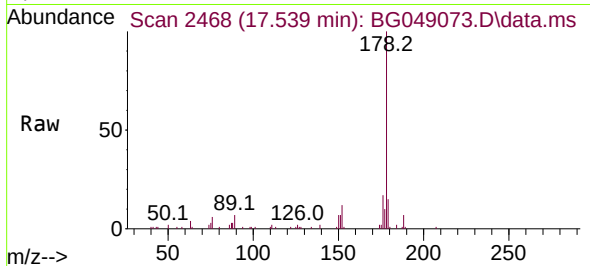




#71
Phenanthrene
Concen: 2.11 ng
RT: 17.539 min Scan# 2468
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

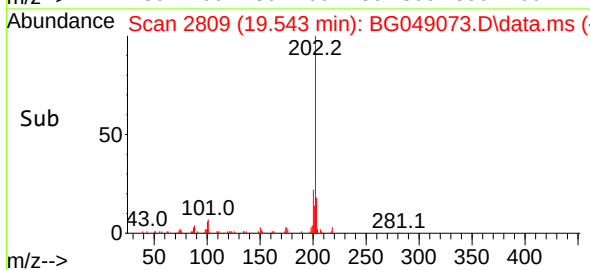
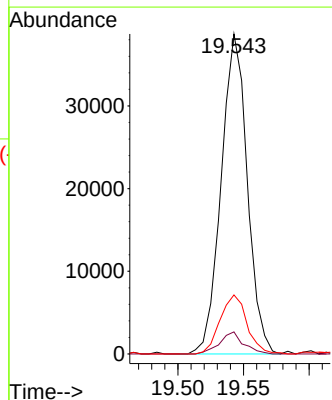
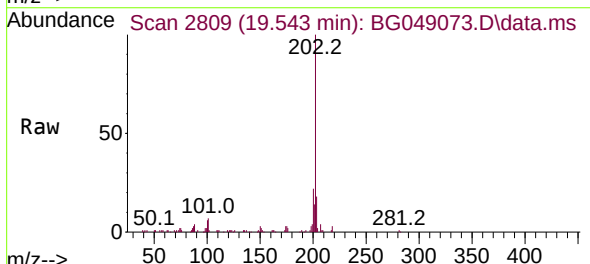
Instrument :
BNA_G
ClientSampled :
B2-6-8

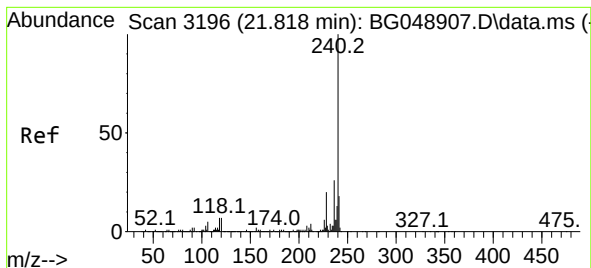
Tgt Ion:178 Resp: 27004
Ion Ratio Lower Upper
178 100
176 16.7 16.0 24.0
179 15.0 14.2 21.4



#75
Fluoranthene
Concen: 3.47 ng
RT: 19.543 min Scan# 2809
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

Tgt Ion:202 Resp: 53607
Ion Ratio Lower Upper
202 100
101 6.9 0.0 24.7
203 18.4 0.0 38.5

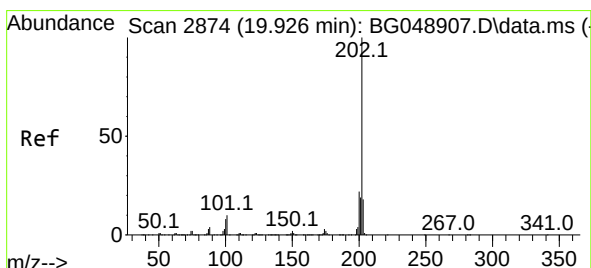
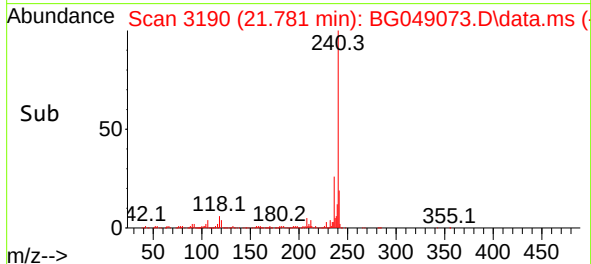
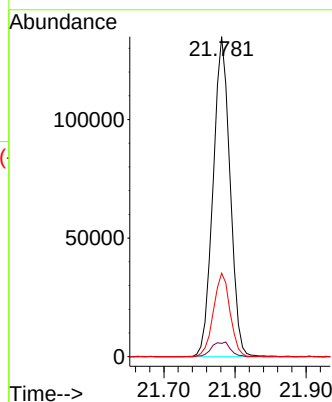
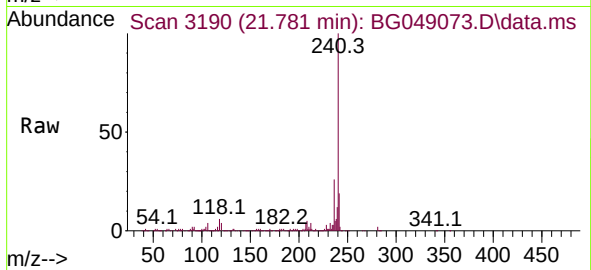




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3190
Delta R.T. -0.016 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

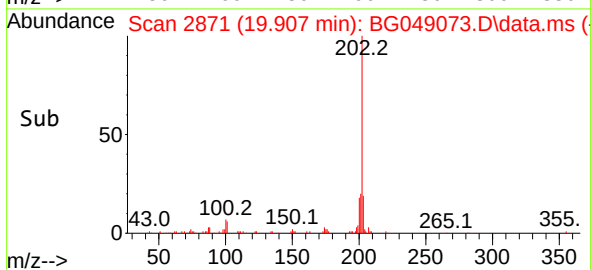
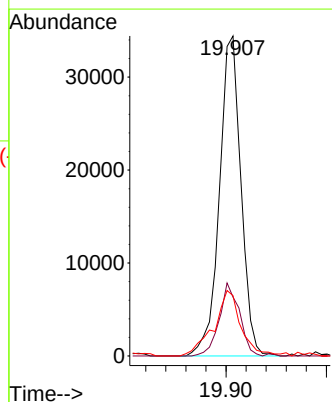
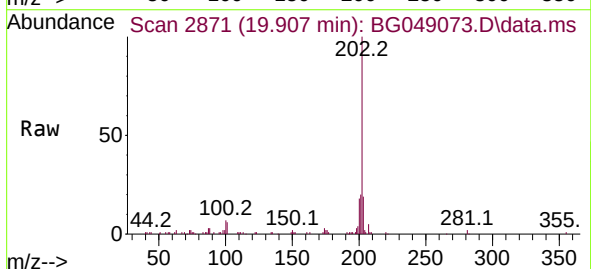
Instrument :
BNA_G
ClientSampled :
B2-6-8

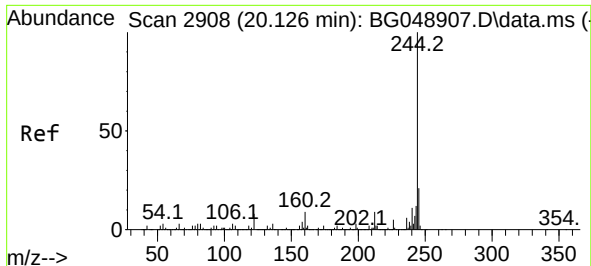
Tgt Ion:240 Resp: 223506
Ion Ratio Lower Upper
240 100
120 4.1 4.2 6.2#
236 26.1 21.8 32.6



#78
Pyrene
Concen: 3.16 ng
RT: 19.907 min Scan# 2871
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

Tgt Ion:202 Resp: 51267
Ion Ratio Lower Upper
202 100
200 18.4 15.8 23.8
203 18.9 14.6 21.8

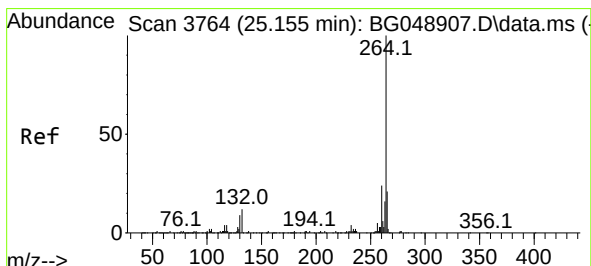
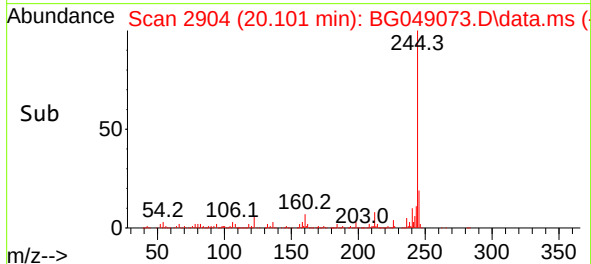
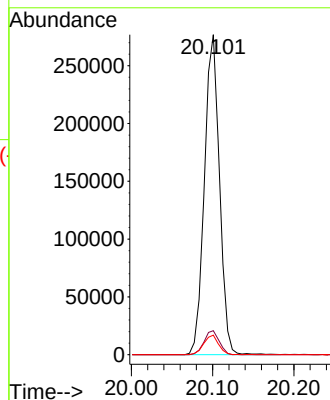
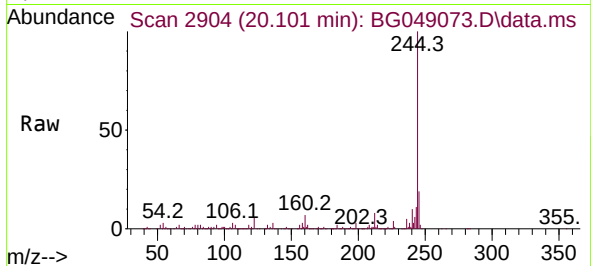




#79
Terphenyl-d14
Concen: 29.19 ng
RT: 20.101 min Scan# 2904
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

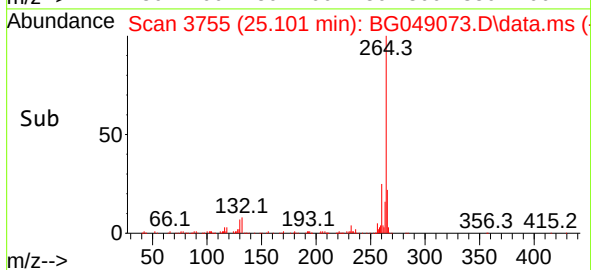
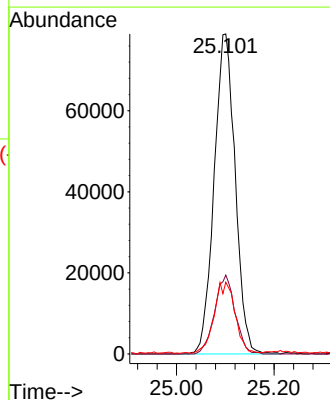
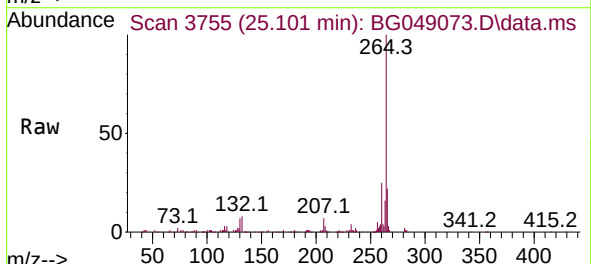
Instrument :
BNA_G
ClientSampled :
B2-6-8

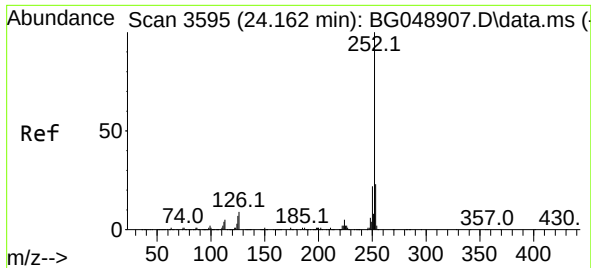
Tgt Ion:244 Resp: 356179
Ion Ratio Lower Upper
244 100
212 7.5 6.9 10.3
122 6.1 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.101 min Scan# 3755
Delta R.T. -0.028 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

Tgt Ion:264 Resp: 236759
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 22.4 16.9 25.3





#89
Benzo(k)fluoranthene
Concen: 2.03 ng
RT: 24.043 min Scan# 3575
Delta R.T. -0.099 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

Instrument :
BNA_G
ClientSampleId :
B2-6-8

Tgt Ion:252 Resp: 32547
Ion Ratio Lower Upper
252 100
253 17.6 18.0 27.0#
125 7.5 3.1 4.7#

