

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070821\
 Data File : BG049219.D
 Acq On : 8 Jul 2021 14:16
 Operator : CG/JU
 Sample : M2963-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-2A-COMP

Quant Time: Jul 08 14:57:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 06 10:59:02 2021
 Response via : Initial Calibration

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

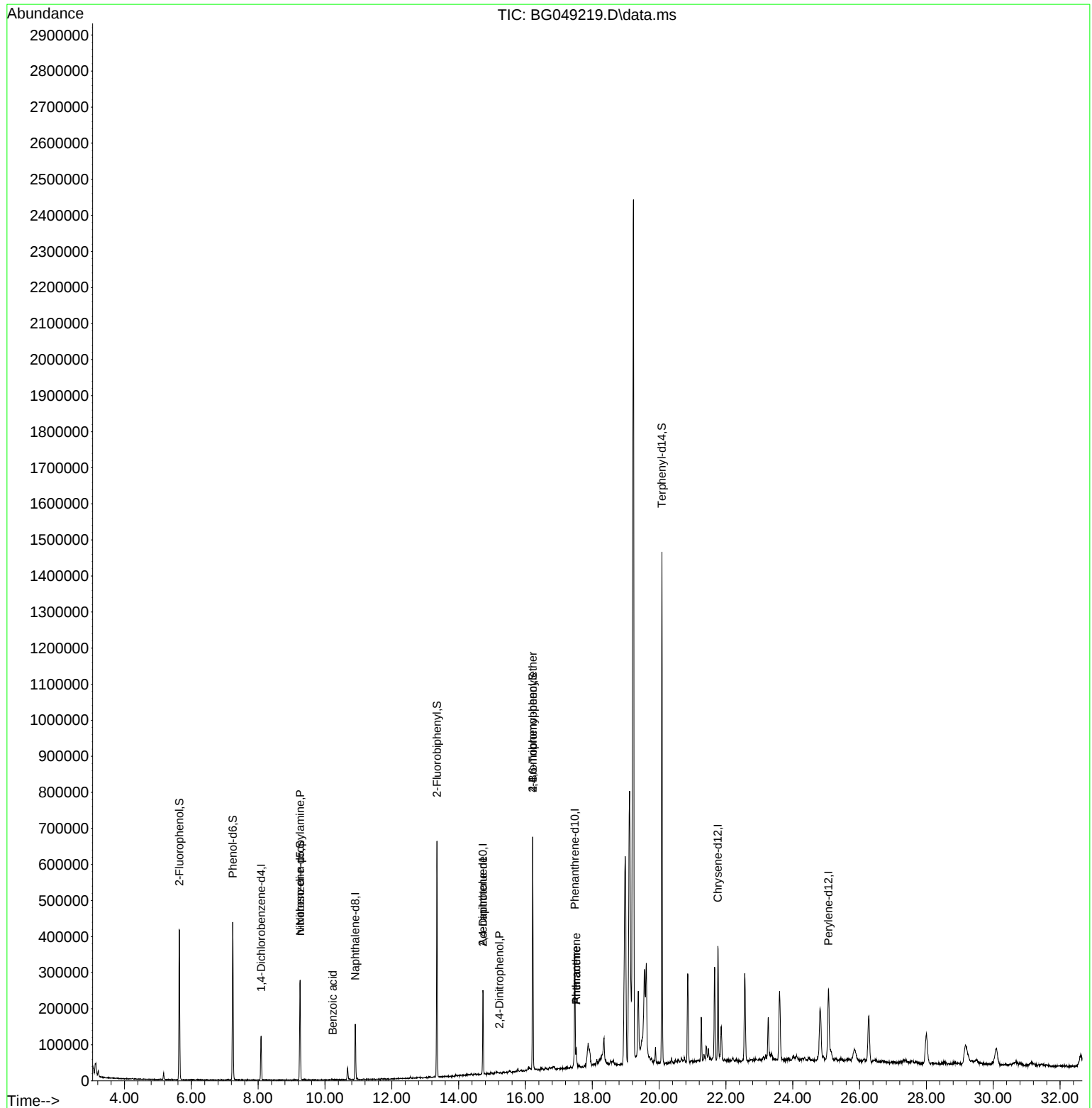
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	32361	20.000	ng	0.00
21) Naphthalene-d8	10.907	136	124287	20.000	ng	# 0.00
39) Acenaphthene-d10	14.727	164	84061	20.000	ng	0.00
64) Phenanthrene-d10	17.476	188	184651	20.000	ng	# 0.00
76) Chrysene-d12	21.759	240	203583	20.000	ng	0.00
86) Perylene-d12	25.067	264	218219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	174080	84.255	ng	0.00
7) Phenol-d6	7.241	99	224167	76.100	ng	0.00
23) Nitrobenzene-d5	9.256	82	163148	55.654	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	127214	87.298	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	334422	53.674	ng	0.00
79) Terphenyl-d14	20.085	244	560799	46.678	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.256	70	24609	11.625	ng	# 68
32) Benzoic acid	10.232	122	54	6.307	ng	# 1
54) 2,4-Dinitrophenol	15.220	184	76	5.231	ng	# 8
57) 2,4-Dinitrotoluene	14.727	165	10714	4.877	ng	# 15
67) 4-Bromophenyl-phenylether	16.219	248	7538	3.026	ng	# 1
71) Phenanthrene	17.523	178	26626	2.504	ng	# 93
72) Anthracene	17.523	178	26626	2.512	ng	96

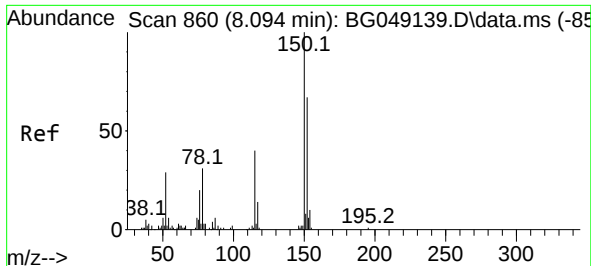
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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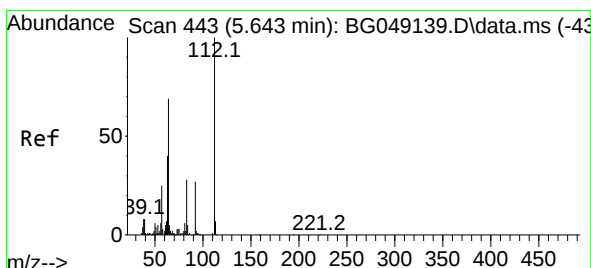
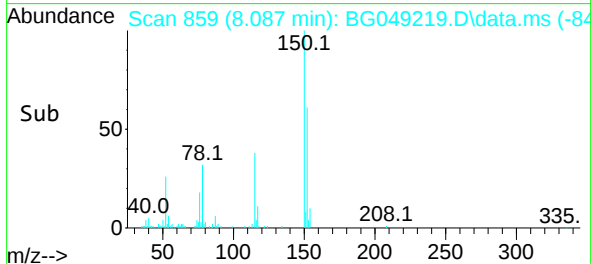
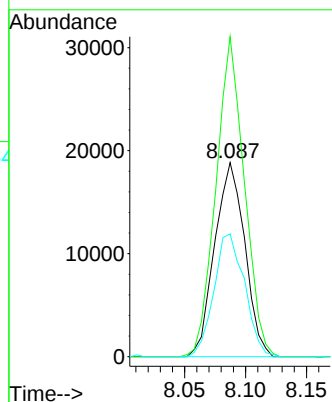
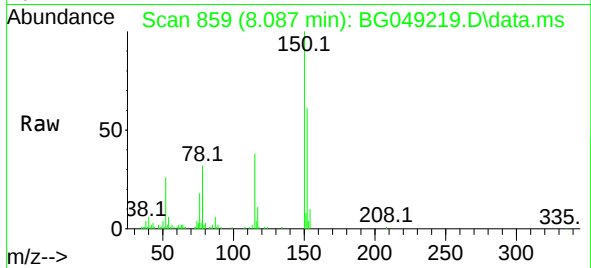




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 859
Delta R.T. -0.004 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

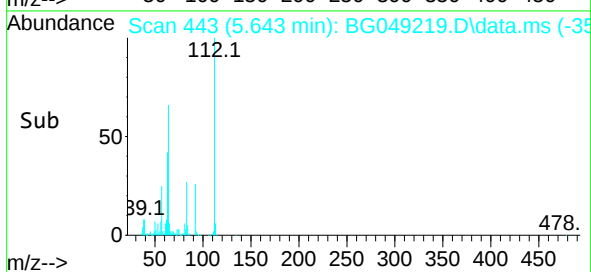
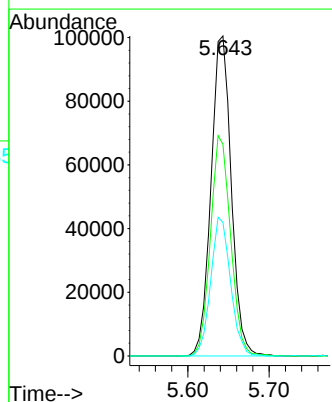
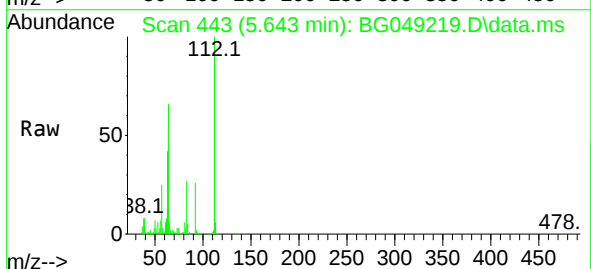
Instrument :
BNA_G
ClientSampleId :
MH-2A-COMP

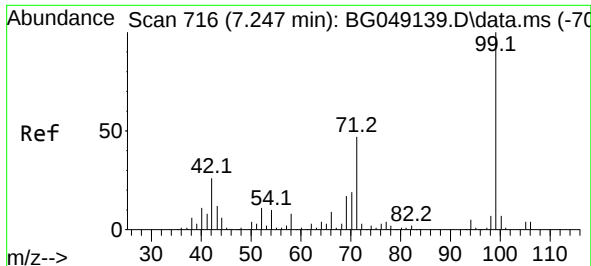
Tgt Ion:152 Resp: 32361
Ion Ratio Lower Upper
152 100
150 164.8 119.4 179.0
115 63.3 60.2 90.4



#5
2-Fluorophenol
Concen: 84.255 ng
RT: 5.643 min Scan# 443
Delta R.T. 0.008 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

Tgt Ion:112 Resp: 174080
Ion Ratio Lower Upper
112 100
64 66.2 46.7 70.1
63 41.7 35.3 52.9

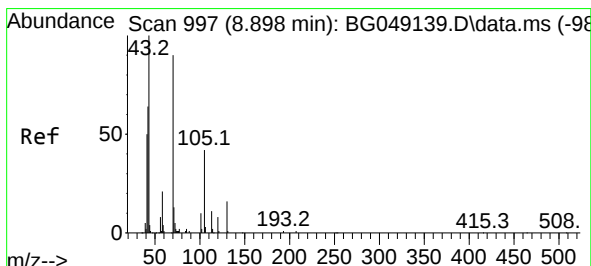
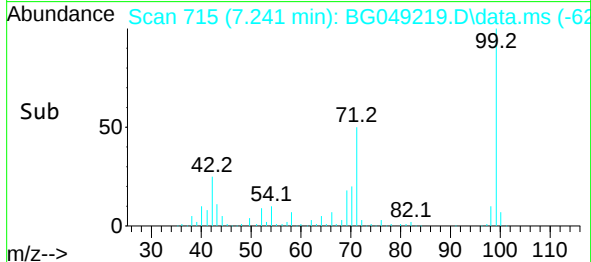
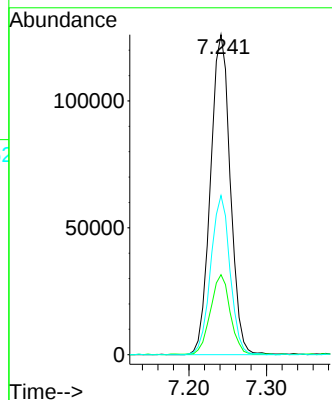
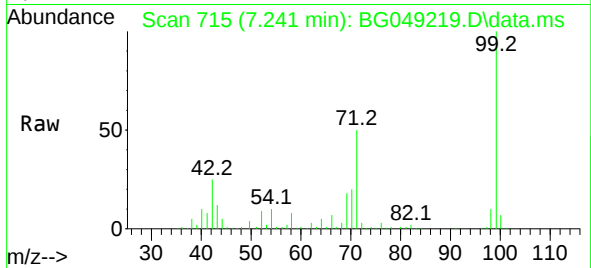




#7
Phenol-d6
Concen: 76.100 ng
RT: 7.241 min Scan# 715
Delta R.T. 0.003 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

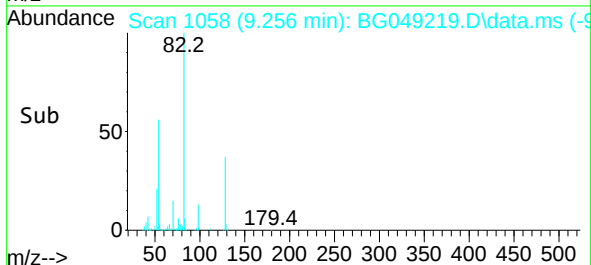
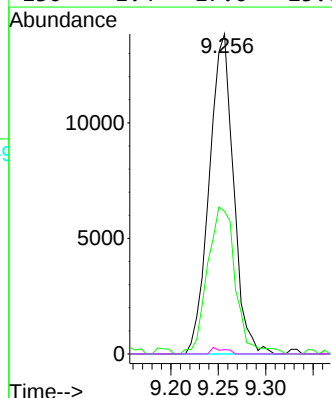
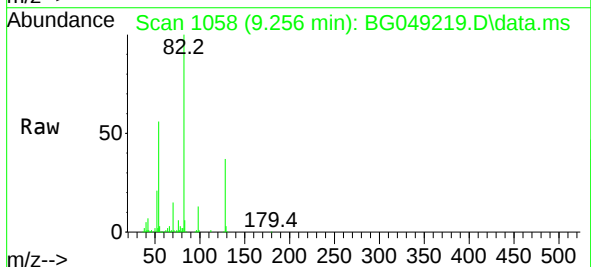
Instrument :
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ClientSampleId :
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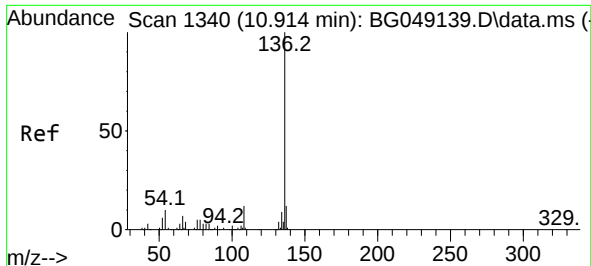
Tgt Ion: 99 Resp: 224167
Ion Ratio Lower Upper
99 100
42 25.0 20.5 30.7
71 49.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.625 ng
RT: 9.256 min Scan# 1058
Delta R.T. 0.361 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

Tgt Ion: 70 Resp: 24609
Ion Ratio Lower Upper
70 100
42 44.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

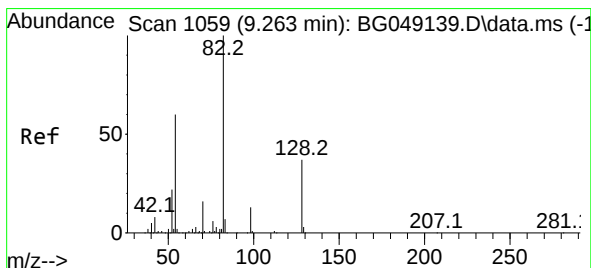
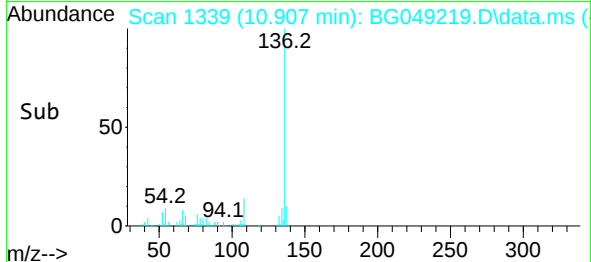
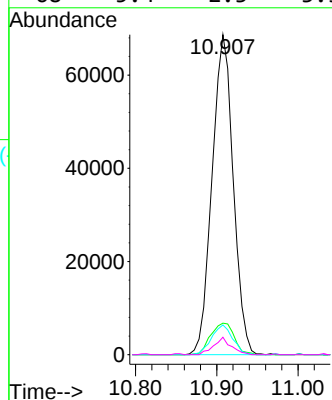
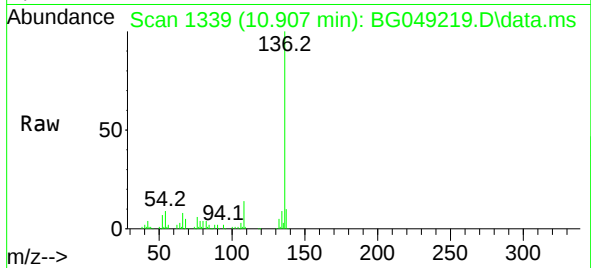




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.907 min Scan# 1339
Delta R.T. 0.003 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

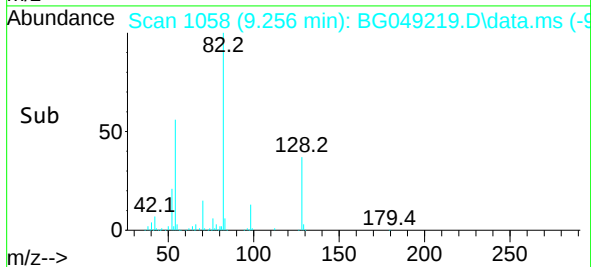
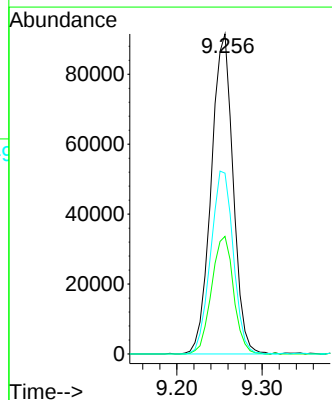
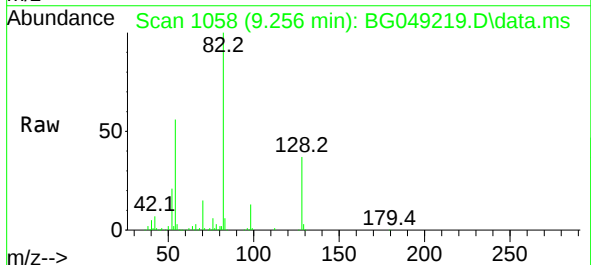
Instrument :
BNA_G
ClientSampleId :
MH-2A-COMP

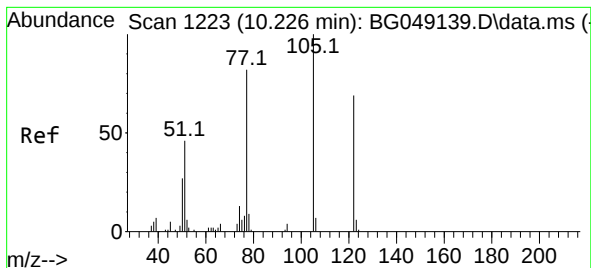
Tgt Ion:136	Resp:	124287
Ion Ratio	Lower	Upper
136	100	
137	9.8	8.2 12.2
54	9.3	5.5 8.3#
68	5.4	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 55.654 ng
RT: 9.256 min Scan# 1058
Delta R.T. 0.003 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

Tgt Ion: 82	Resp:	163148
Ion Ratio	Lower	Upper
82	100	
128	36.7	29.8 44.6
54	56.5	45.8 68.8

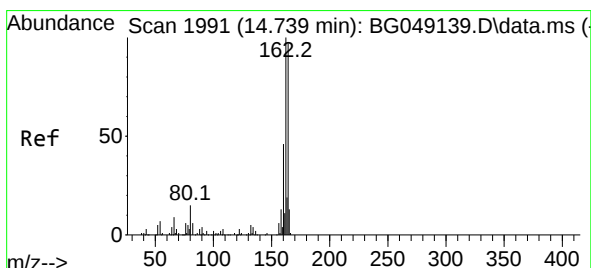
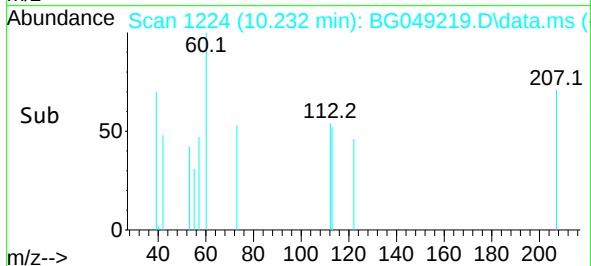
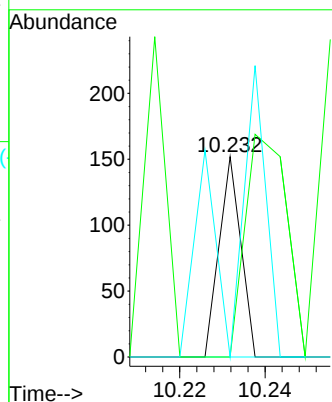
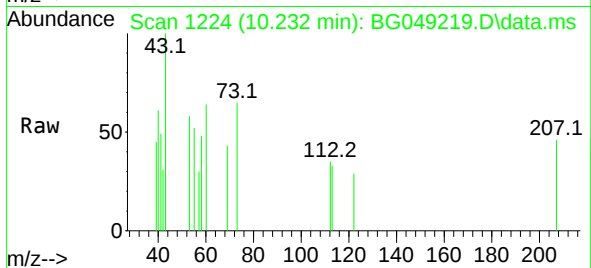




#32
Benzoic acid
Concen: 6.307 ng
RT: 10.232 min Scan# 1224
Delta R.T. 0.008 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

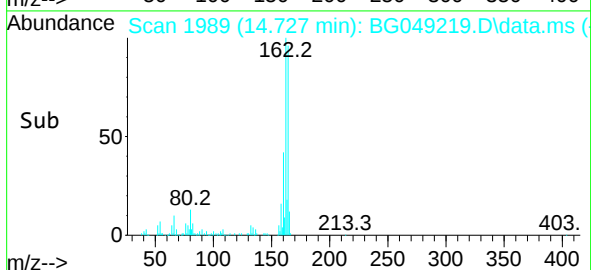
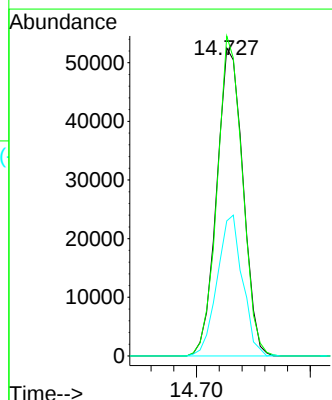
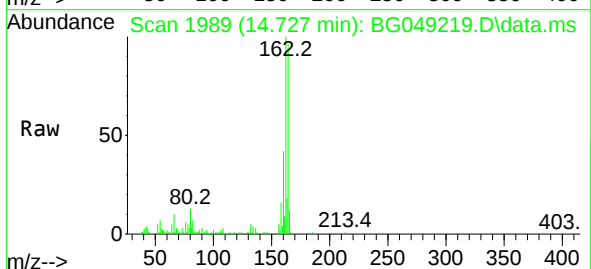
Instrument :
BNA_G
ClientSampleId :
MH-2A-COMP

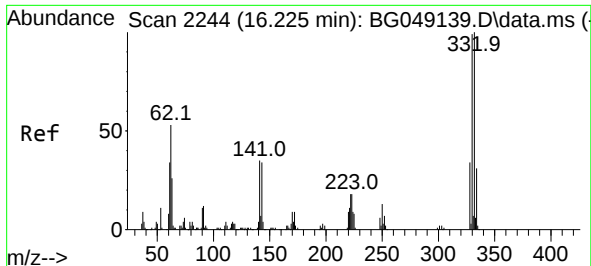
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.727 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

Tgt Ion:164 Resp: 84061
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 43.9 34.9 52.3

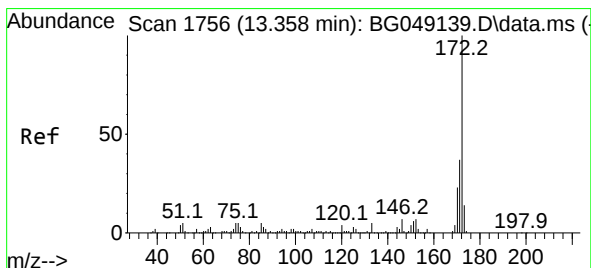
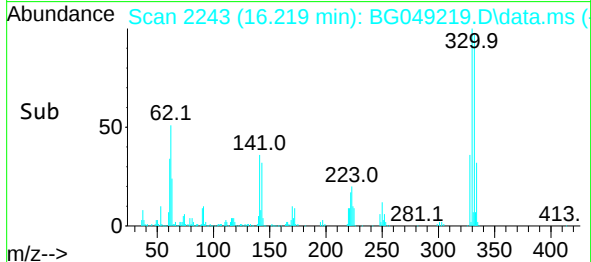
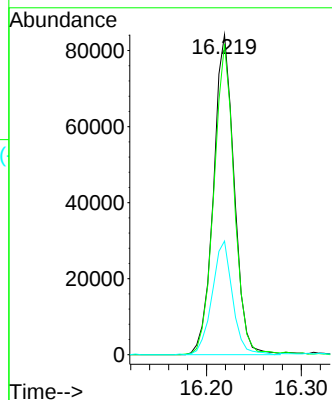
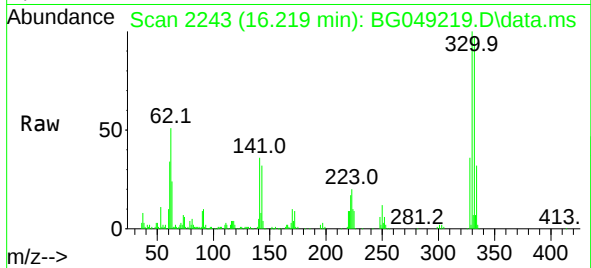




#42
2,4,6-Tribromophenol
Concen: 87.298 ng
RT: 16.219 min Scan# 2243
Delta R.T. 0.003 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

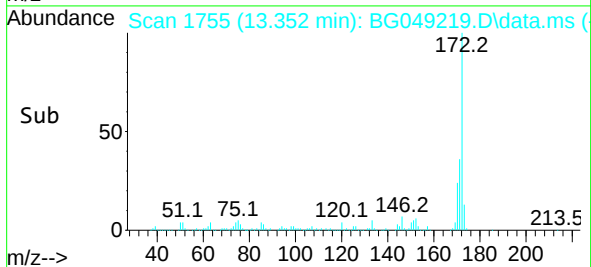
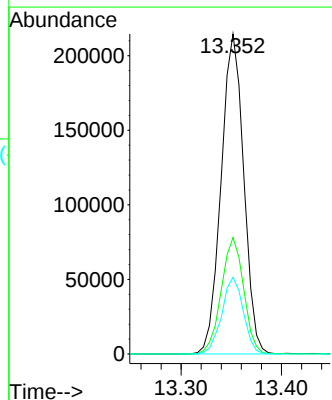
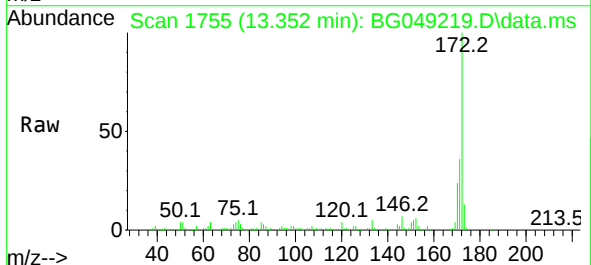
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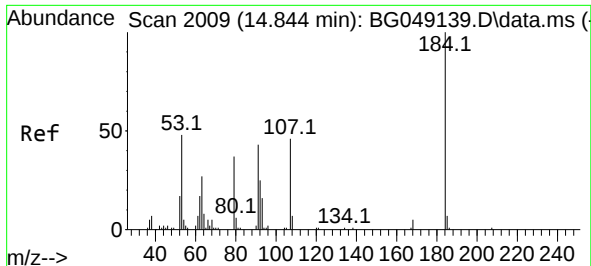
Tgt Ion:330 Resp: 127214
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 35.2 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 53.674 ng
RT: 13.352 min Scan# 1755
Delta R.T. 0.003 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

Tgt Ion:172 Resp: 334422
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.0 18.6 27.8

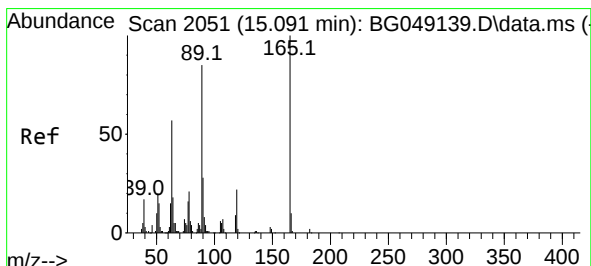
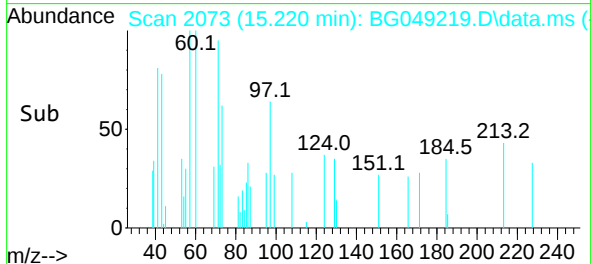
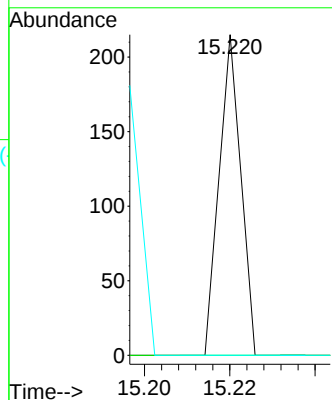
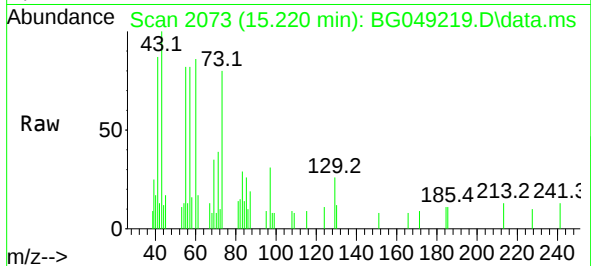




#54
2,4-Dinitrophenol
Concen: 5.231 ng
RT: 15.220 min Scan# 2073
Delta R.T. 0.384 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

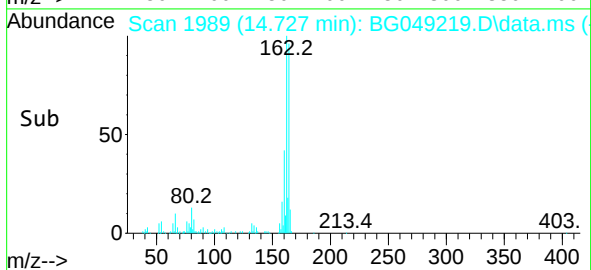
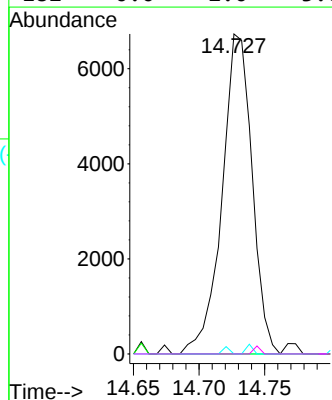
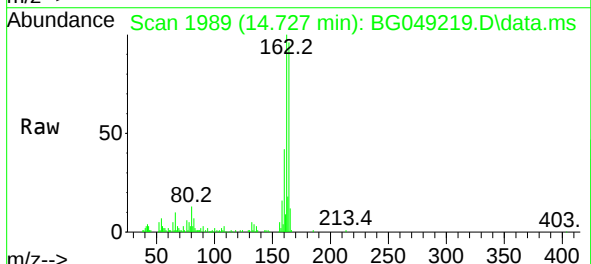
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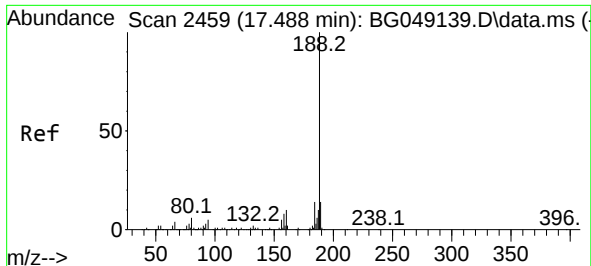
Tgt Ion:184 Resp: 76
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 4.877 ng
RT: 14.727 min Scan# 1989
Delta R.T. -0.356 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

Tgt Ion:165 Resp: 10714
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

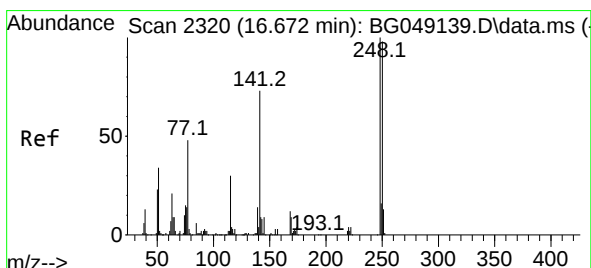
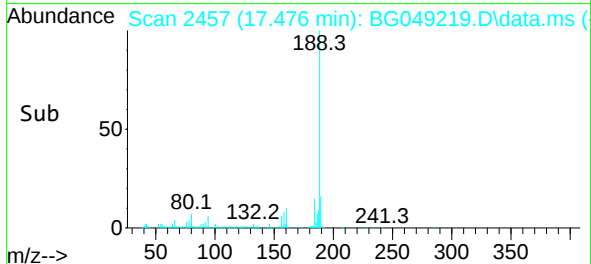
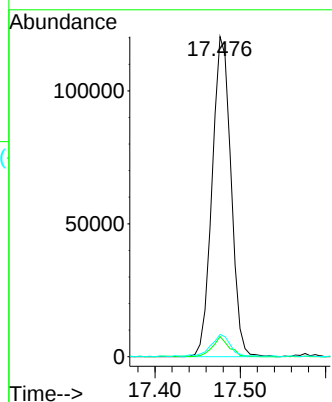
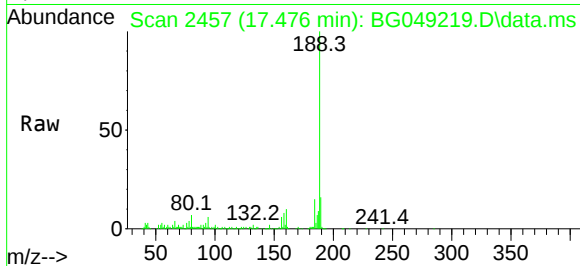




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.476 min Scan# 2457
Delta R.T. -0.003 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

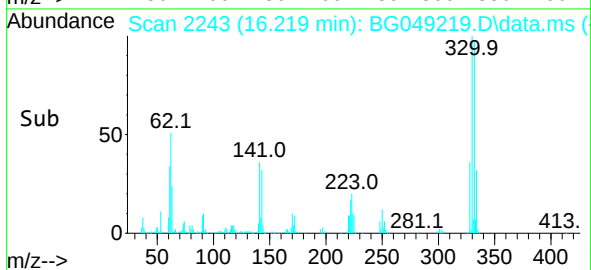
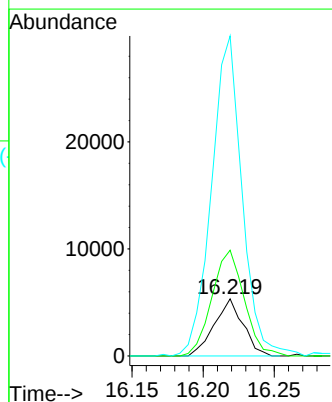
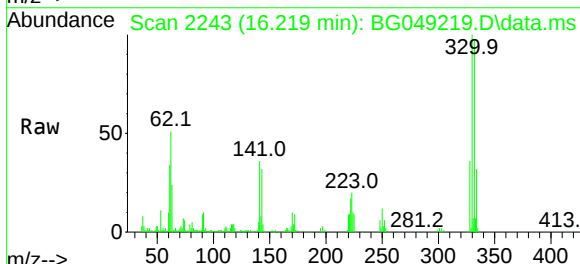
Instrument :
BNA_G
ClientSampleId :
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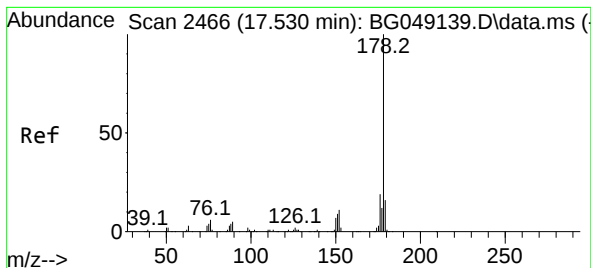
Tgt Ion:188 Resp: 184651
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 7.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.026 ng
RT: 16.219 min Scan# 2243
Delta R.T. -0.444 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

Tgt Ion:248 Resp: 7538
Ion Ratio Lower Upper
248 100
250 184.9 76.1 114.1#
141 559.6 65.4 98.2#

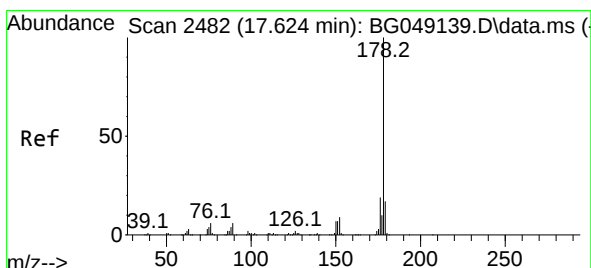
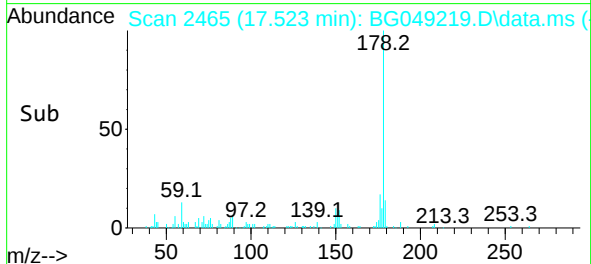
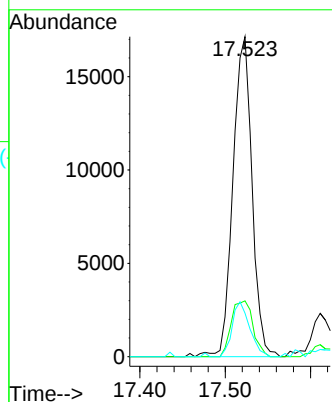
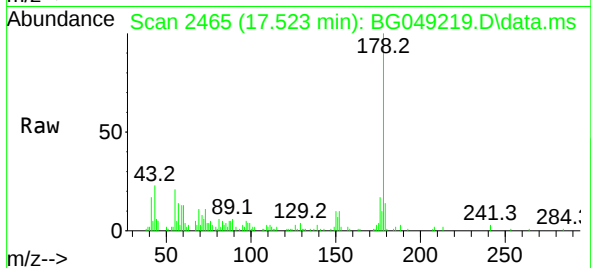




#71
Phenanthrene
Concen: 2.504 ng
RT: 17.523 min Scan# 2465
Delta R.T. 0.003 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

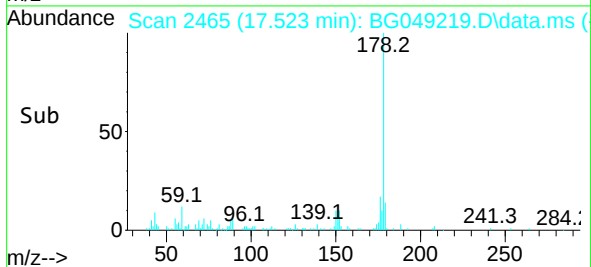
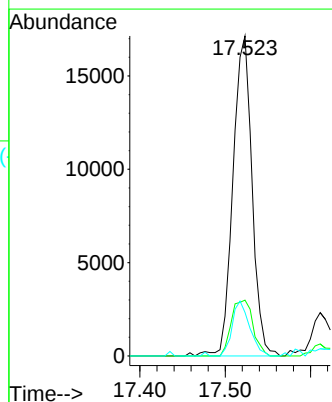
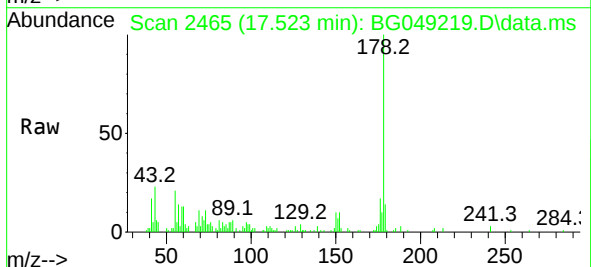
Instrument :
BNA_G
ClientSampleId :
MH-2A-COMP

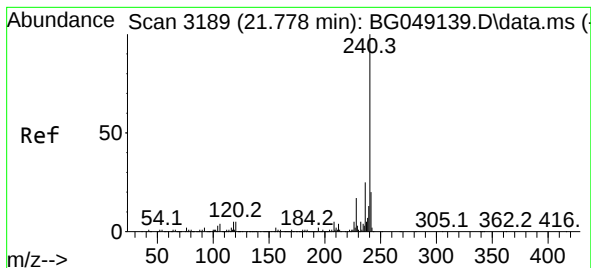
Tgt Ion:178 Resp: 26626
Ion Ratio Lower Upper
178 100
176 17.5 16.0 24.0
179 13.6 14.2 21.4#



#72
Anthracene
Concen: 2.512 ng
RT: 17.523 min Scan# 2465
Delta R.T. -0.086 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

Tgt Ion:178 Resp: 26626
Ion Ratio Lower Upper
178 100
176 17.5 14.6 21.8
179 13.6 13.4 20.0

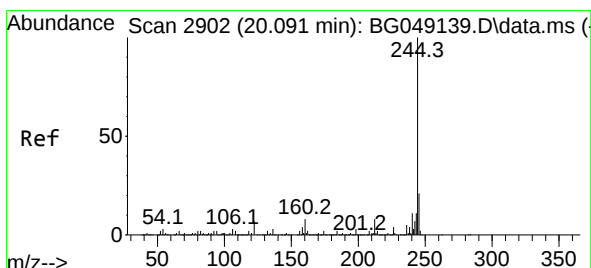
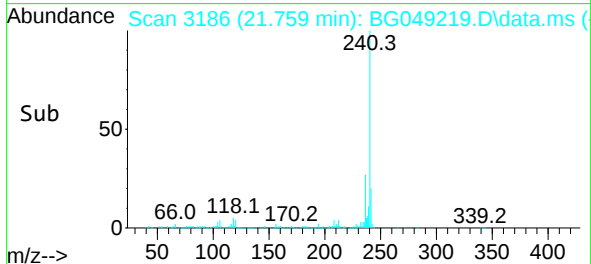
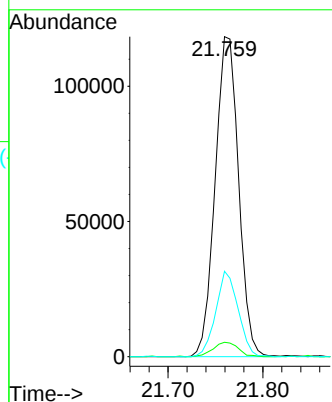
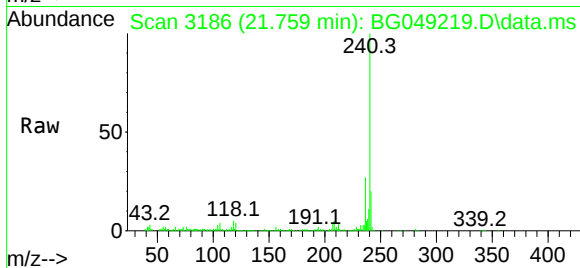




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3186
Delta R.T. -0.003 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

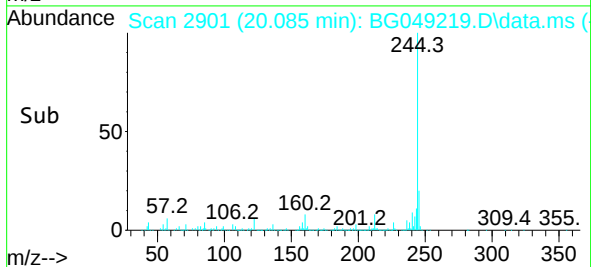
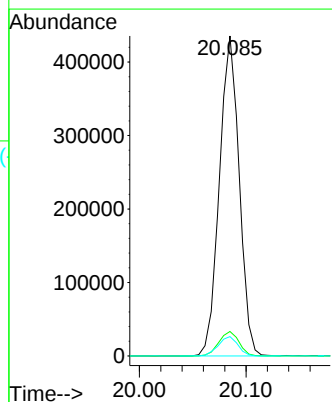
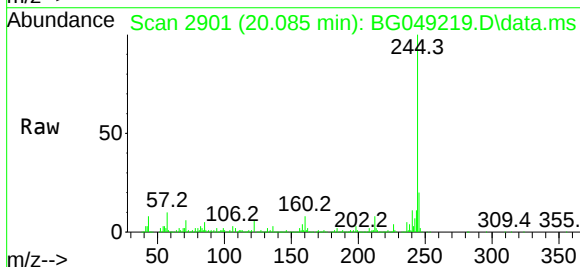
Instrument :
BNA_G
ClientSampleId :
MH-2A-COMP

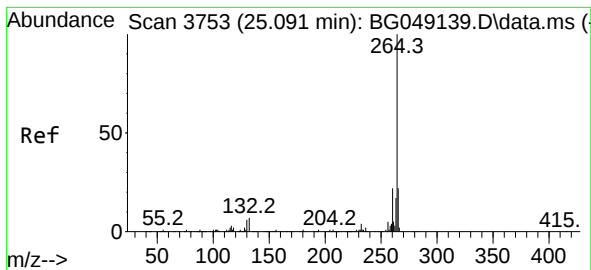
Tgt Ion:240 Resp: 203583
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 26.7 21.8 32.6



#79
Terphenyl-d14
Concen: 46.678 ng
RT: 20.085 min Scan# 2901
Delta R.T. 0.003 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

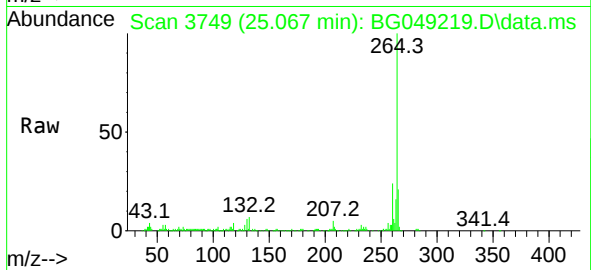
Tgt Ion:244 Resp: 560799
Ion Ratio Lower Upper
244 100
212 7.6 6.9 10.3
122 6.0 5.0 7.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.067 min Scan# 3749
Delta R.T. 0.003 min
Lab File: BG049219.D
Acq: 8 Jul 2021 14:16

Instrument :
BNA_G
ClientSampleId :
MH-2A-COMP



Tgt Ion:264 Resp: 218219

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.4	16.9	25.3

