

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)

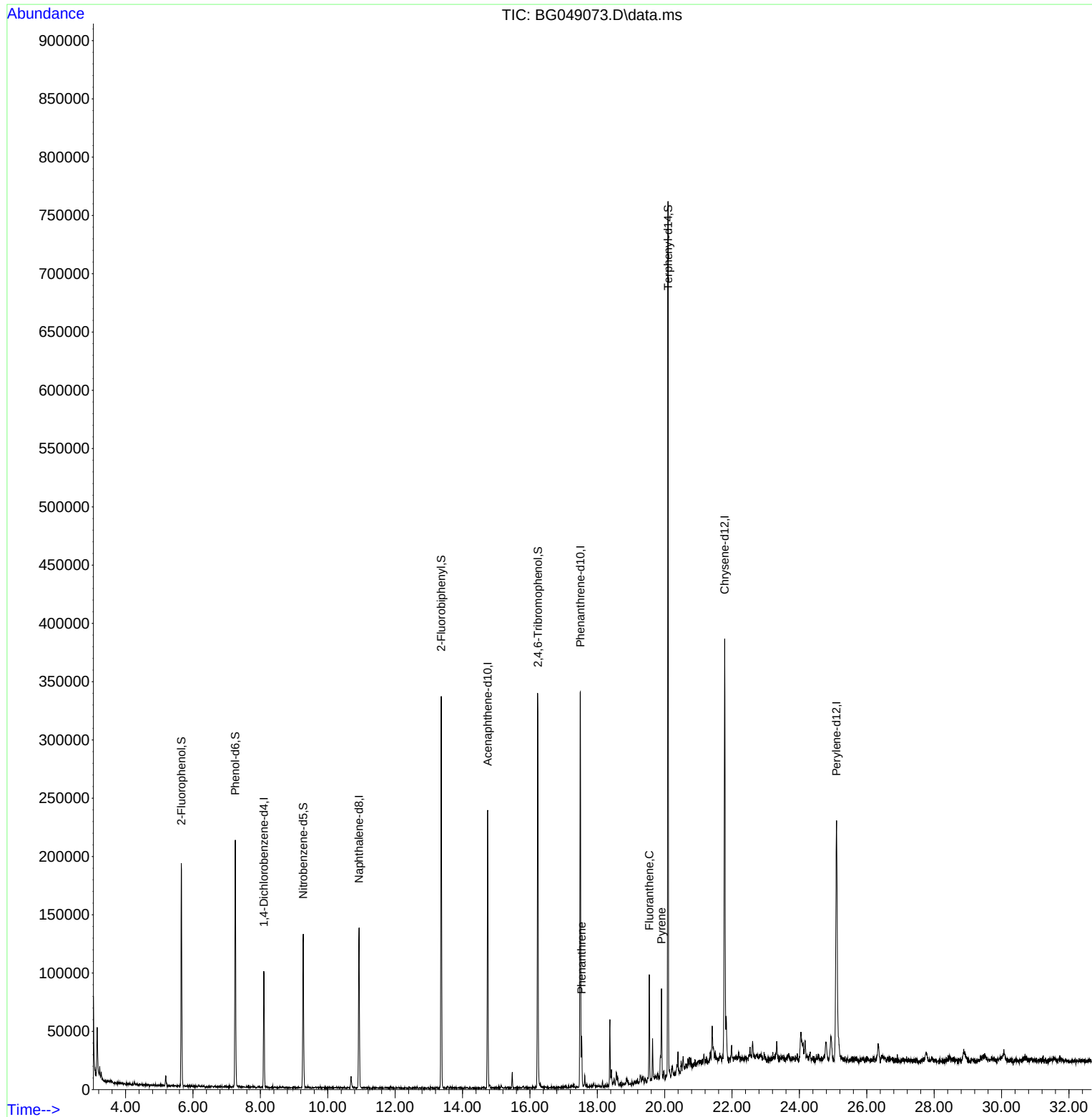
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	26946	20.000	ng	#-0.01
21) Naphthalene-d8	10.929	136	111218	20.000	ng	#-0.01
39) Acenaphthene-d10	14.748	164	87363	20.000	ng	-0.01
64) Phenanthrene-d10	17.498	188	227921	20.000	ng	#-0.01
76) Chrysene-d12	21.781	240	223506	20.000	ng	#-0.02
86) Perylene-d12	25.101	264	236759	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	73772	42.618	ng	0.00
7) Phenol-d6	7.257	99	106722	41.135	ng	-0.01
23) Nitrobenzene-d5	9.266	82	77962	30.226	ng	-0.02
42) 2,4,6-Tribromophenol	16.235	330	67959	52.505	ng	-0.01
45) 2-Fluorobiphenyl	13.368	172	173018	27.977	ng	-0.02
79) Terphenyl-d14	20.101	244	356179	29.185	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.539	178	27004	2.106	ng	93
75) Fluoranthene	19.543	202	53607	3.466	ng	99
78) Pyrene	19.907	202	51267	3.160	ng	98

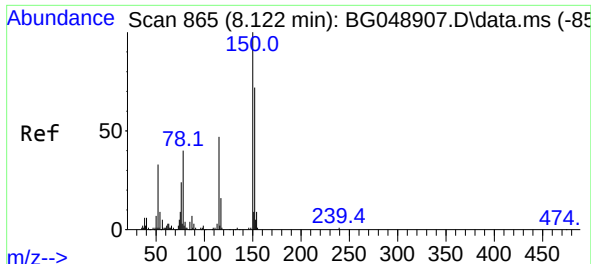
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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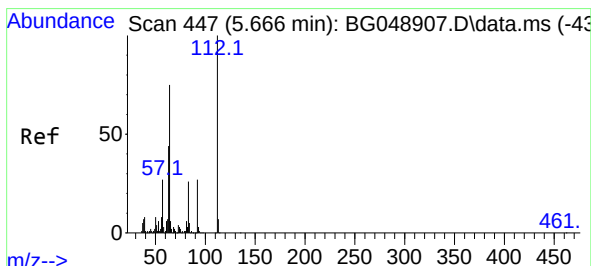
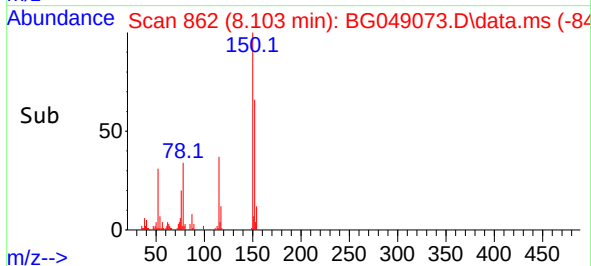
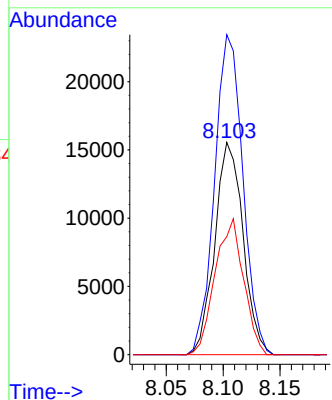
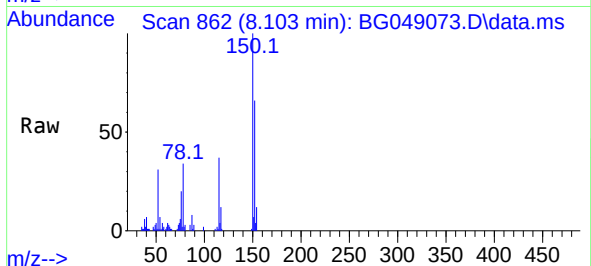




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.103 min Scan# 862
Delta R.T. -0.011 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

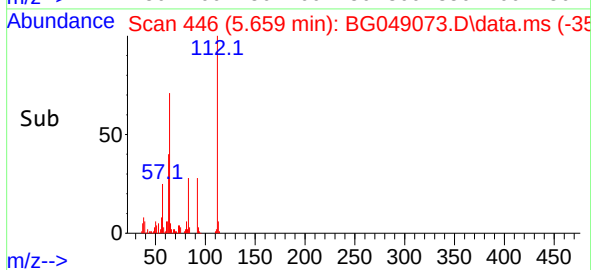
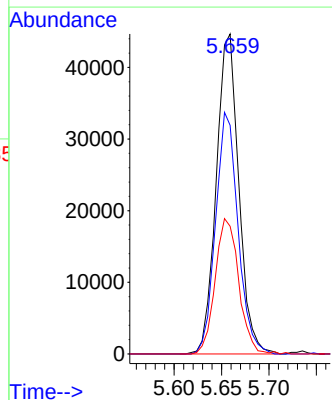
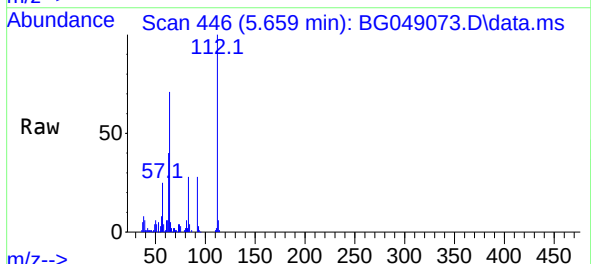
Instrument :
BNA_G
ClientSampleId :
B2-6-8

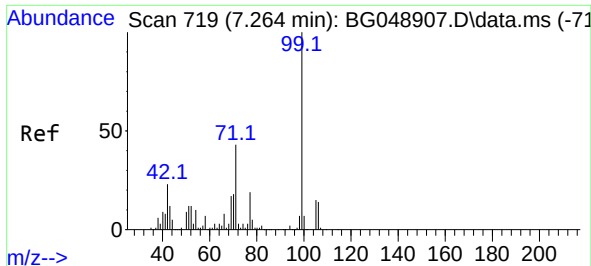
Tgt Ion:152 Resp: 26946
Ion Ratio Lower Upper
152 100
150 150.7 119.4 179.0
115 55.6 60.2 90.4#



#5
2-Fluorophenol
Concen: 42.618 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

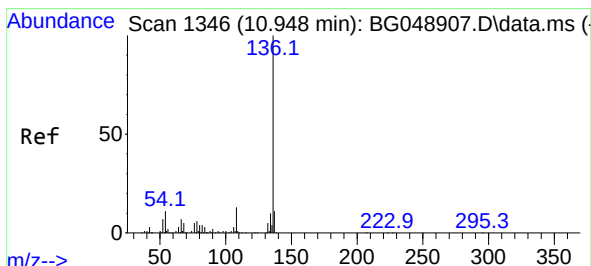
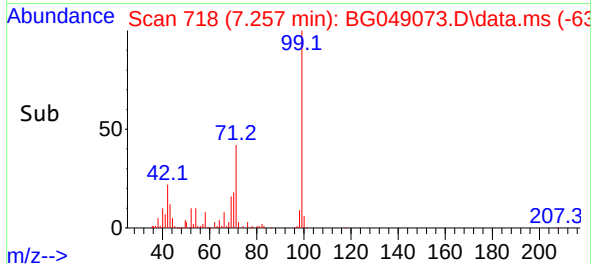
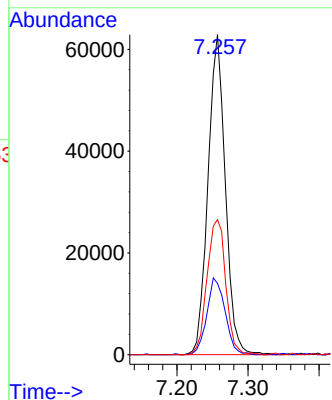
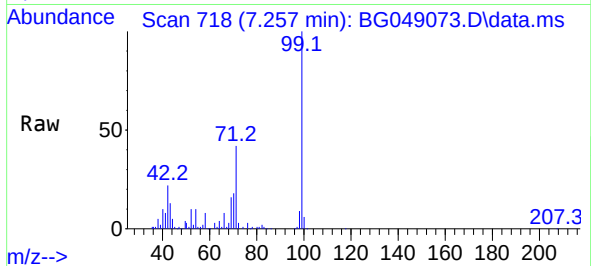




#7
Phenol-d6
Concen: 41.135 ng
RT: 7.257 min Scan# 718
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

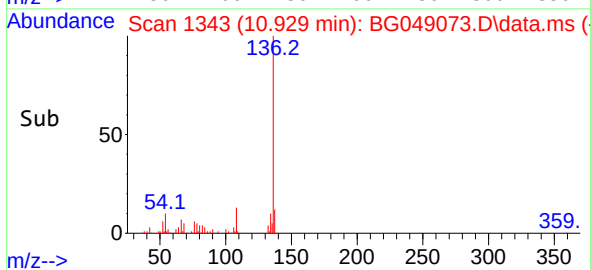
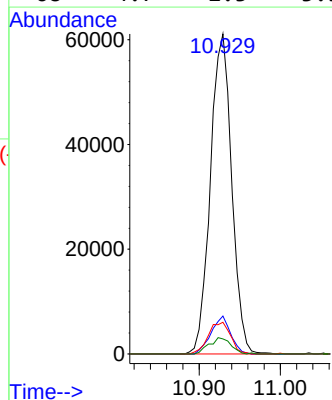
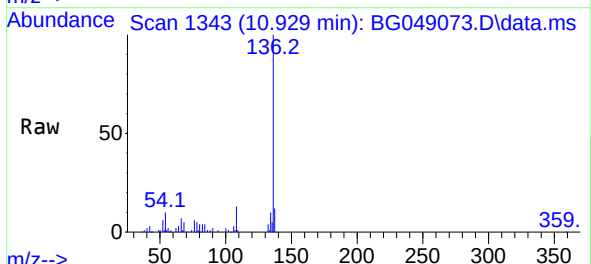
Instrument :
BNA_G
ClientSampleId :
B2-6-8

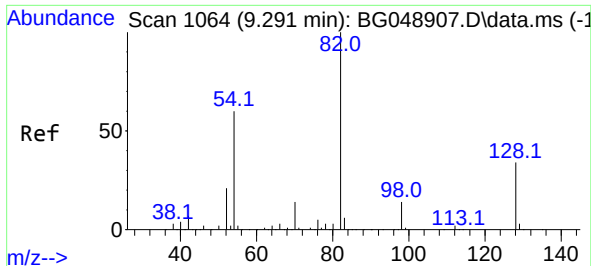
Tgt Ion: 99 Resp: 106722
Ion Ratio Lower Upper
99 100
42 22.3 20.5 30.7
71 42.2 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.929 min Scan# 1343
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

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#



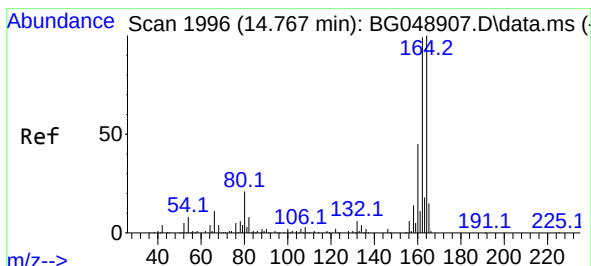
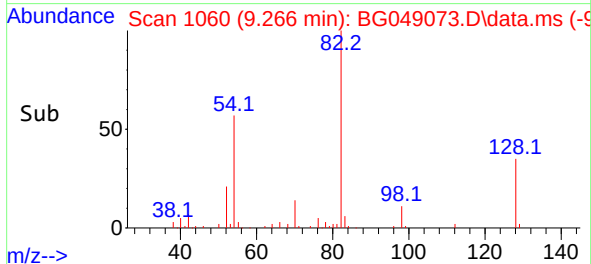
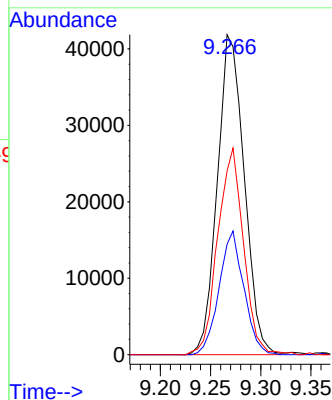
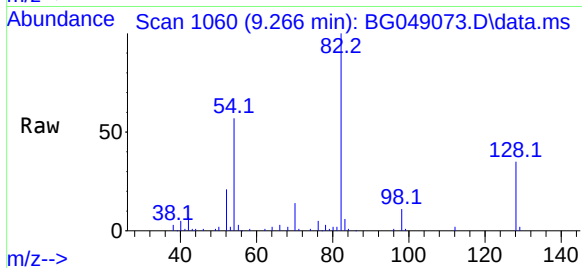


#23
Nitrobenzene-d5
Concen: 30.226 ng
RT: 9.266 min Scan# 1060
Delta R.T. -0.016 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

Instrument :
BNA_G
ClientSampled :
B2-6-8

Tgt Ion: 82 Resp: 77962

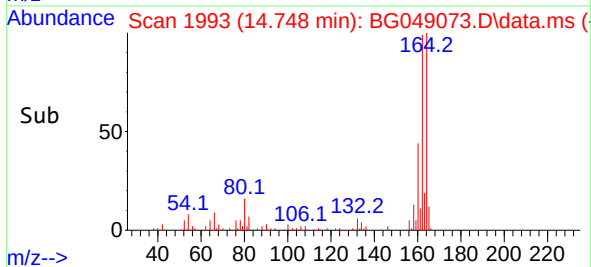
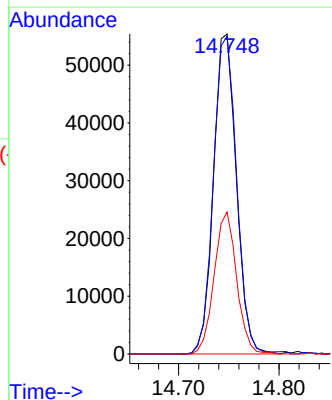
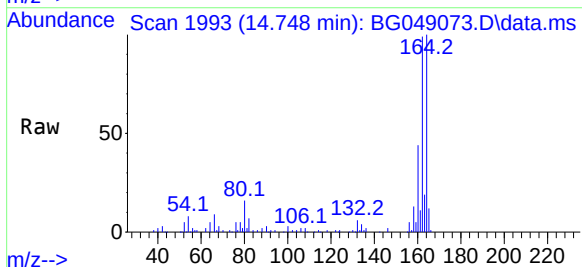
Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.8	44.6
54	57.4	45.8	68.8

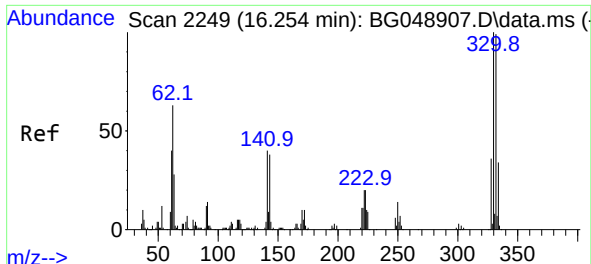


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.748 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

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

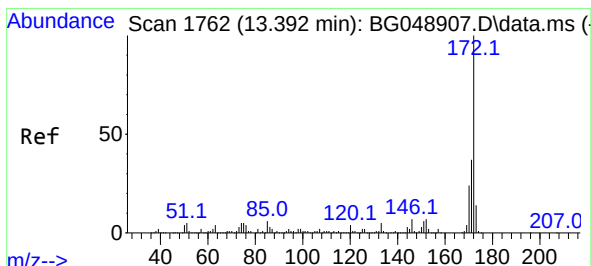
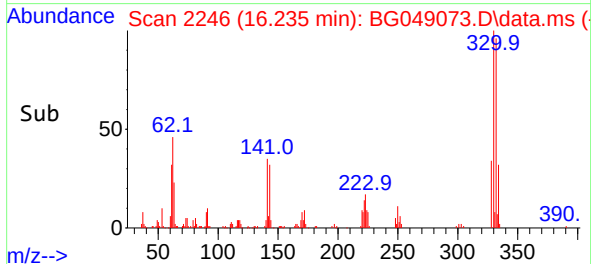
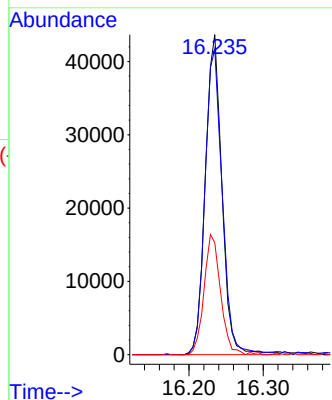
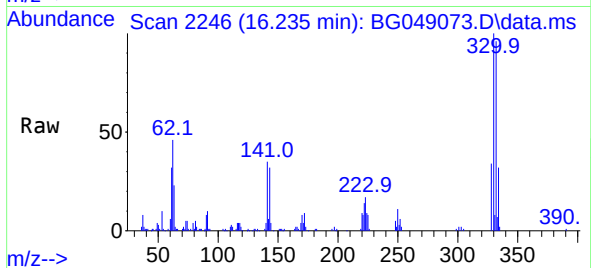




#42
2,4,6-Tribromophenol
Concen: 52.505 ng
RT: 16.235 min Scan# 2246
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

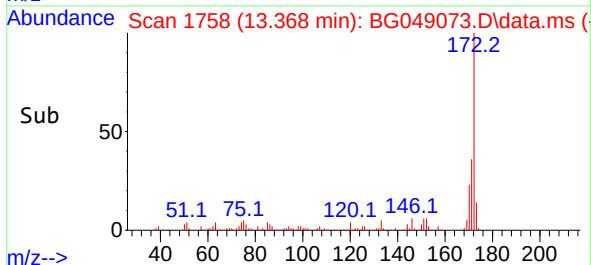
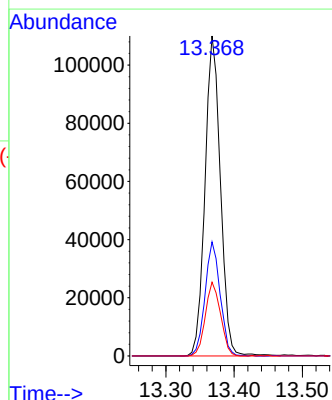
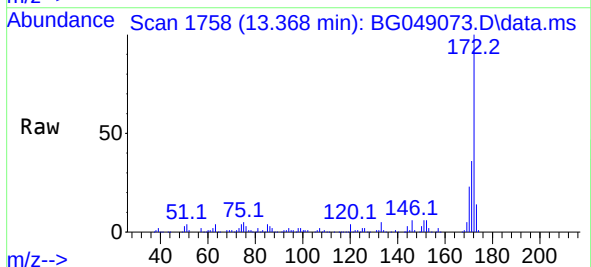
Instrument :
BNA_G
ClientSampleId :
B2-6-8

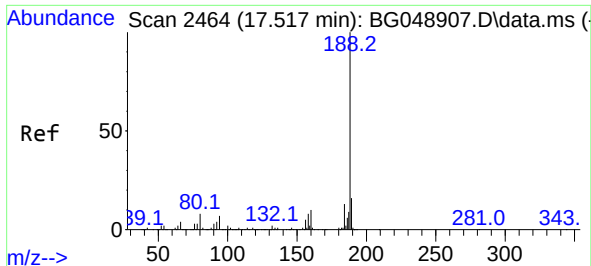
Tgt Ion:330 Resp: 67959
Ion Ratio Lower Upper
330 100
332 98.9 77.3 115.9
141 37.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 27.977 ng
RT: 13.368 min Scan# 1758
Delta R.T. -0.016 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

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

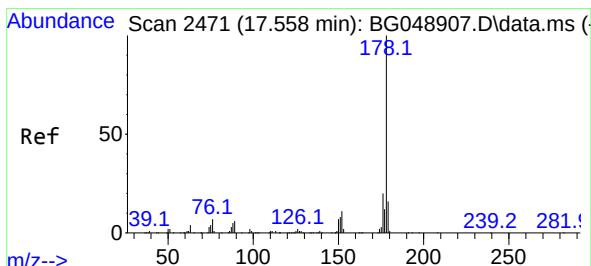
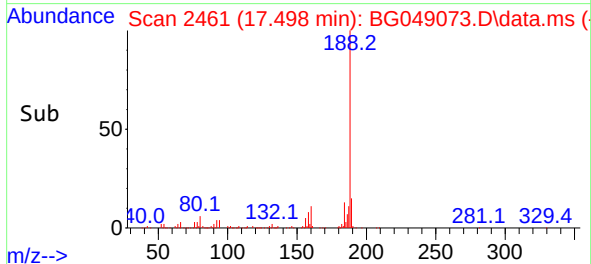
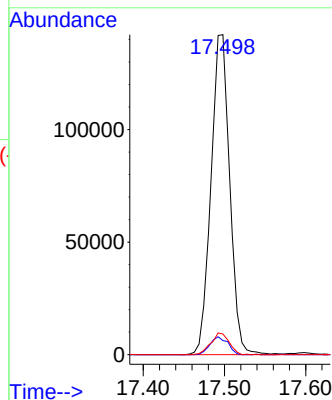
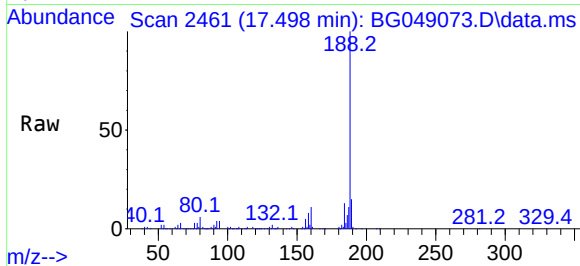




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2461
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

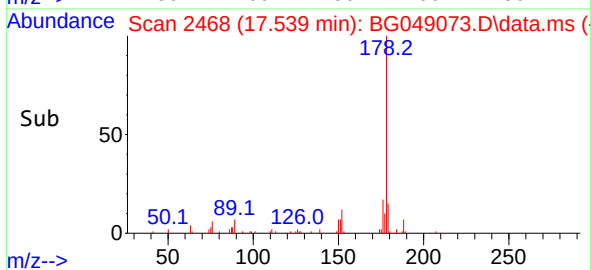
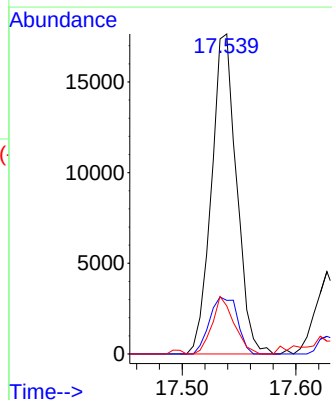
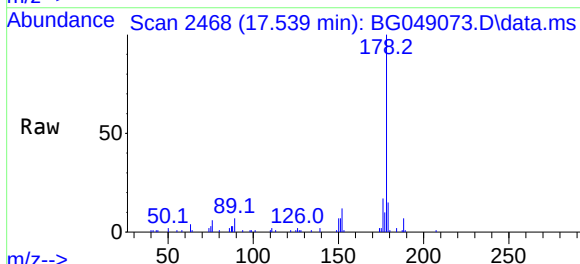
Instrument :
BNA_G
ClientSampled :
B2-6-8

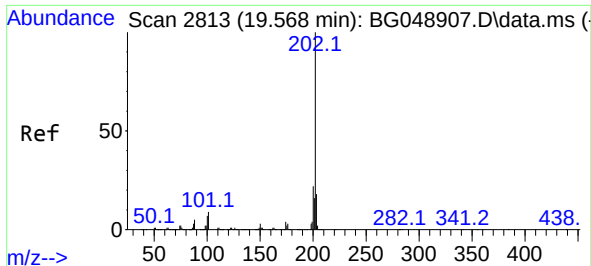
Tgt Ion:188 Resp: 227921
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 6.4 3.7 5.5#



#71
Phenanthrene
Concen: 2.106 ng
RT: 17.539 min Scan# 2468
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

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

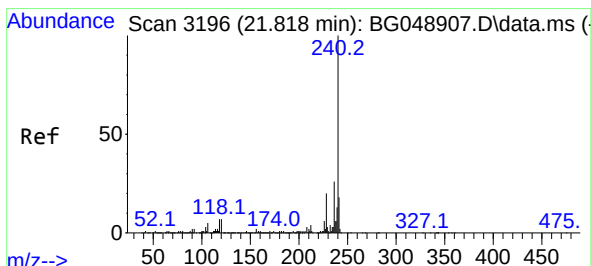
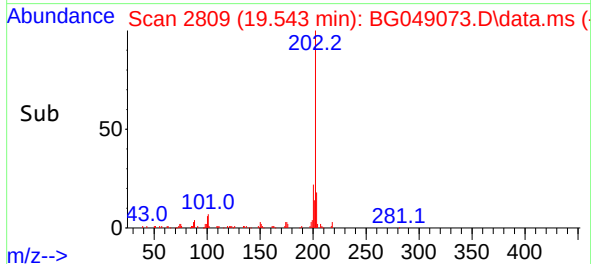
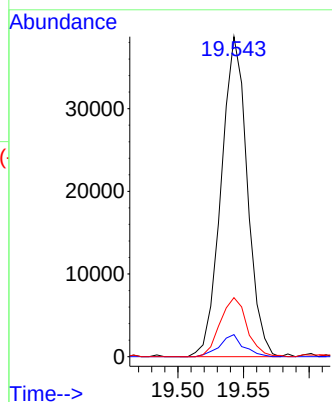
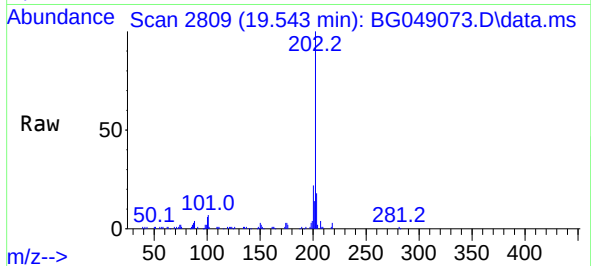




#75
Fluoranthene
Concen: 3.466 ng
RT: 19.543 min Scan# 2809
Delta R.T. -0.010 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

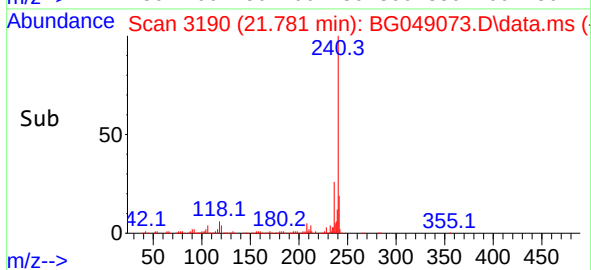
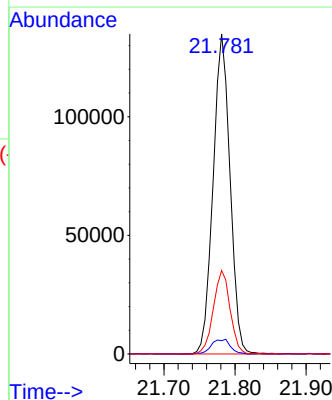
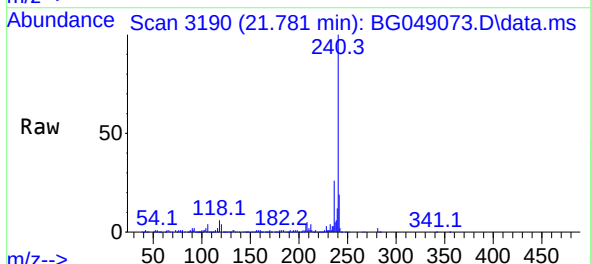
Instrument :
BNA_G
ClientSampled :
B2-6-8

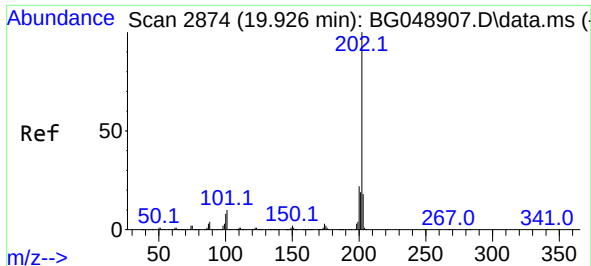
Tgt Ion:	202	Resp:	53607
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	24.7
203	18.4	0.0	38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.781 min Scan# 3190
Delta R.T. -0.016 min
Lab File: BG049073.D
Acq: 23 Jun 2021 22:57

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

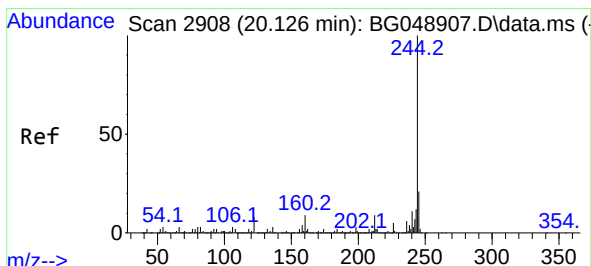
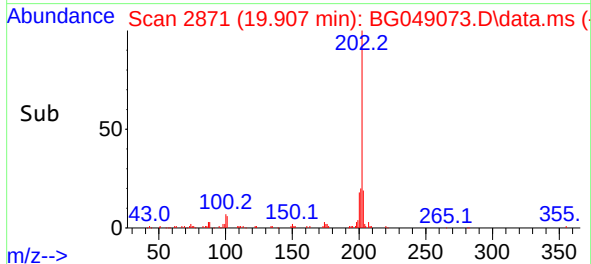
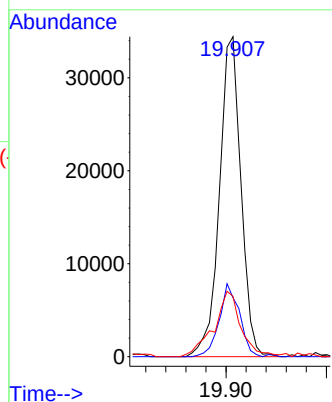
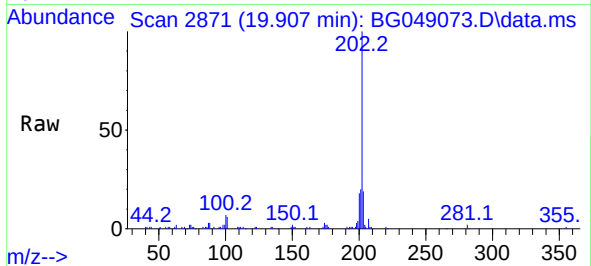




#78
 Pyrene
 Concen: 3.160 ng
 RT: 19.907 min Scan# 2871
 Delta R.T. -0.010 min
 Lab File: BG049073.D
 Acq: 23 Jun 2021 22:57

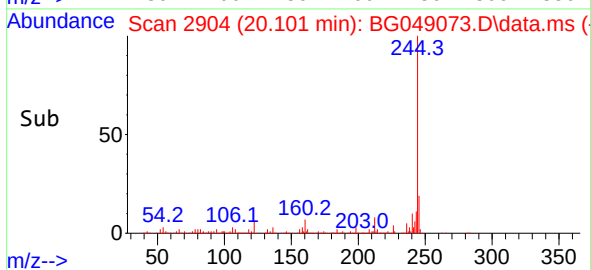
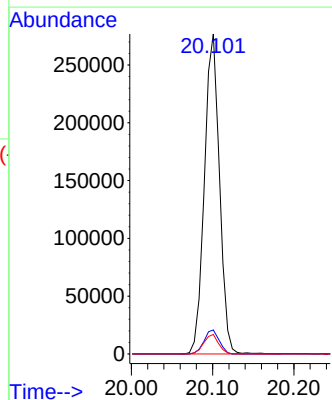
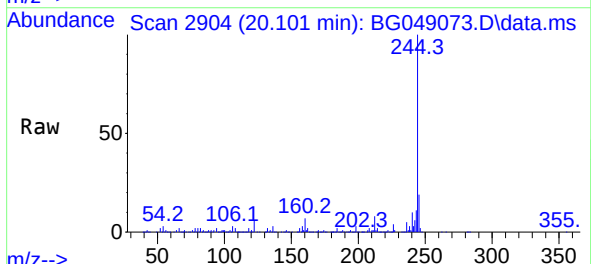
Instrument :
 BNA_G
 ClientSampleId :
 B2-6-8

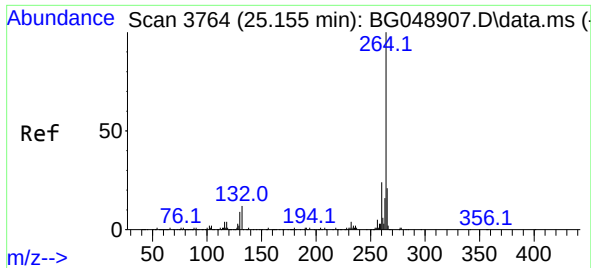
Tgt Ion:	202	Resp:	51267
Ion Ratio	Lower	Upper	
202	100		
200	18.4	15.8	23.8
203	18.9	14.6	21.8



#79
 Terphenyl-d14
 Concen: 29.185 ng
 RT: 20.101 min Scan# 2904
 Delta R.T. -0.010 min
 Lab File: BG049073.D
 Acq: 23 Jun 2021 22:57

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

Instrument :
 BNA_G
 ClientSampleId :
 B2-6-8

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

