

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
 Data File : BG048935.D
 Acq On : 13 Jun 2021 9:46
 Operator : CG/JU
 Sample : M2625-34
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 18-B12(190-194)

Quant Time: Jun 14 03:19:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

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

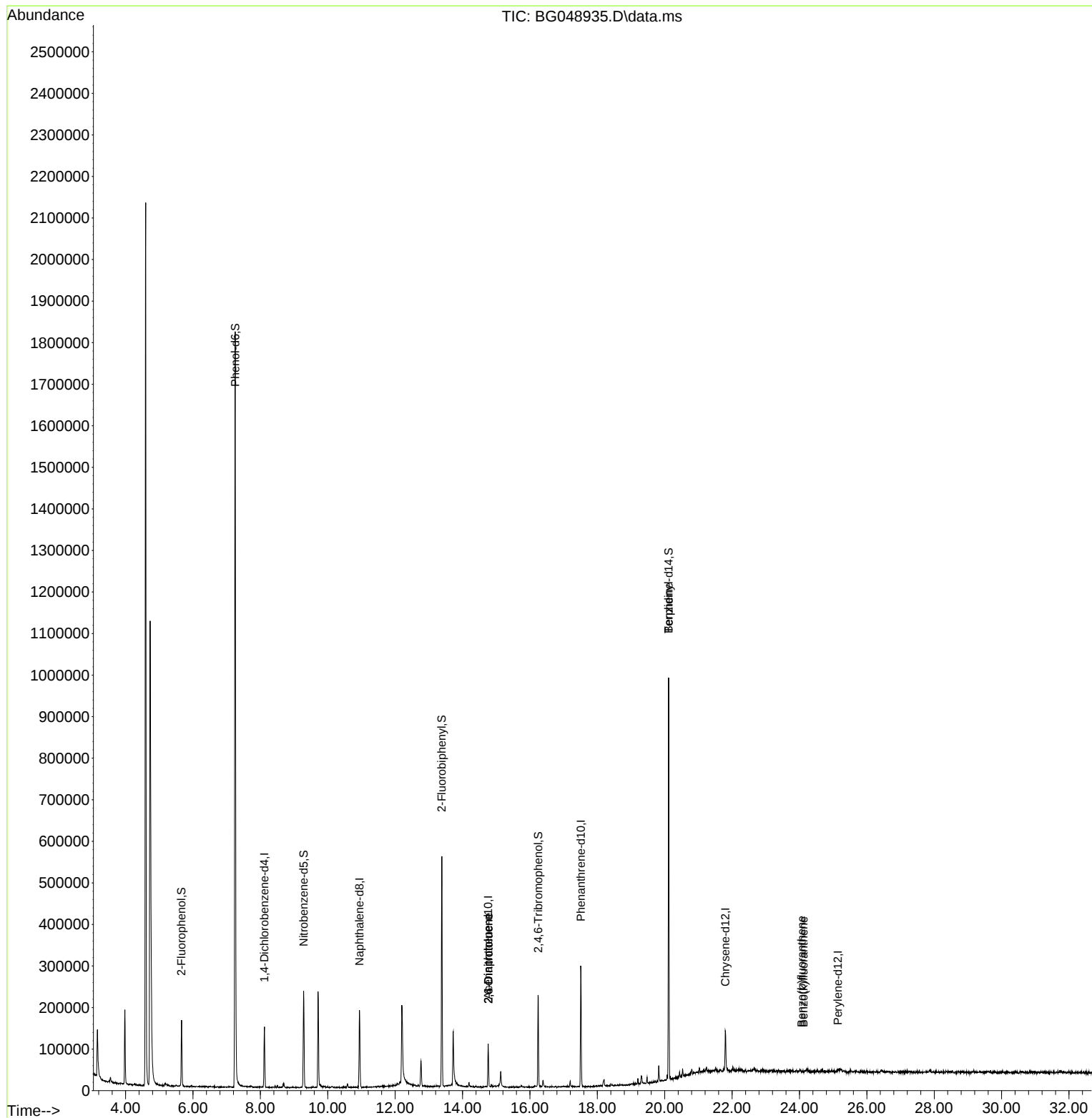
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.121	152	35910	20.00	ng	0.00
21) Naphthalene-d8	10.941	136	142923	20.00	ng	# 0.00
39) Acenaphthene-d10	14.760	164	28197	20.00	ng	0.00
64) Phenanthrene-d10	17.510	188	148926	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	44047	20.00	ng	#-0.02
86) Perylene-d12	25.142	264	551	20.00	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	61240	26.55	ng	0.00
7) Phenol-d6	7.257	99	29501	8.53	ng	0.00
23) Nitrobenzene-d5	9.284	82	137692	41.54	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	39842	95.37	ng	0.00
45) 2-Fluorobiphenyl	13.385	172	282789	141.68	ng	0.00
79) Terphenyl-d14	20.118	244	366019	152.19	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.766	165	3561	7.96	ng	# 10
57) 2,4-Dinitrotoluene	14.766	165	3561	6.48	ng	# 15
77) Benzidine	20.118	184	6689	7.54	ng	# 82
88) Benzo(b)fluoranthene	24.067	252	85	2.16	ng	# 28
89) Benzo(k)fluoranthene	24.120	252	138	3.70	ng	# 58

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

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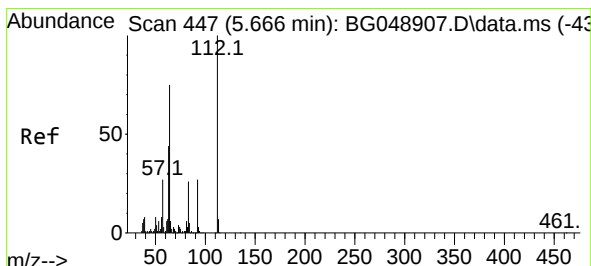
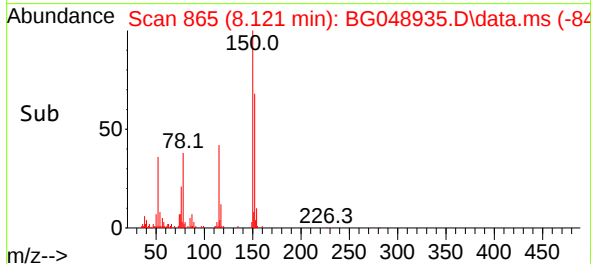
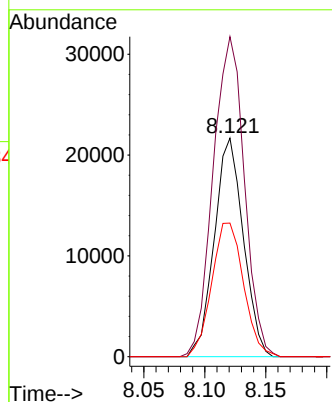
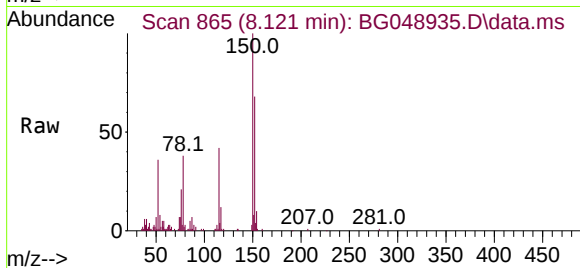




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.121 min Scan# 865
Delta R.T. -0.001 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

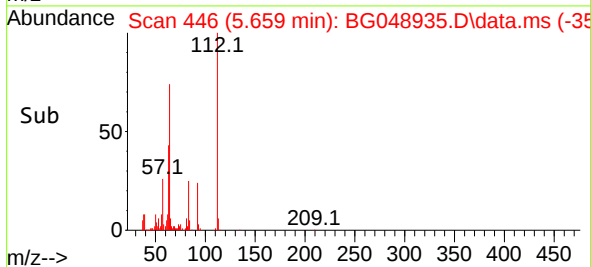
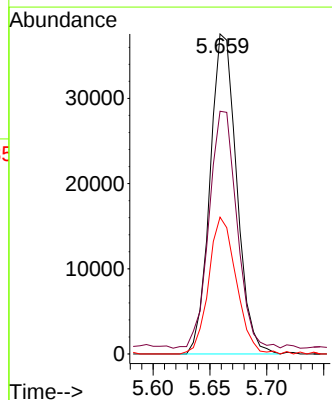
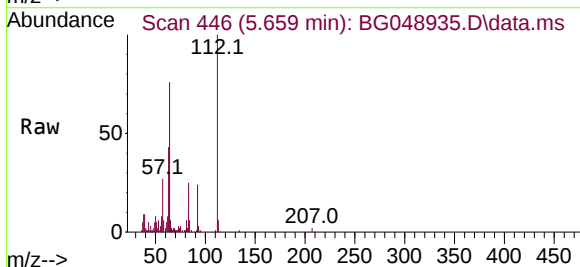
Instrument :
BNA_G
ClientSampleId :
18-B12(190-194)

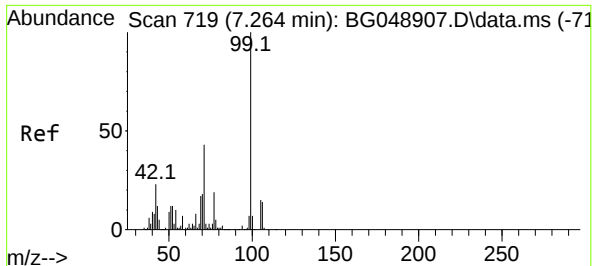
Tgt Ion:152 Resp: 35910
Ion Ratio Lower Upper
152 100
150 146.4 119.4 179.0
115 61.1 60.2 90.4



#5
2-Fluorophenol
Concen: 26.55 ng
RT: 5.659 min Scan# 446
Delta R.T. -0.007 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

Tgt Ion:112 Resp: 61240
Ion Ratio Lower Upper
112 100
64 75.9 46.7 70.1#
63 42.7 35.3 52.9

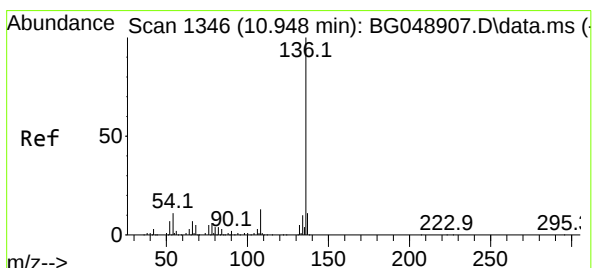
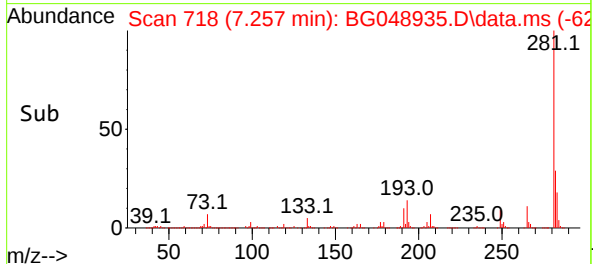
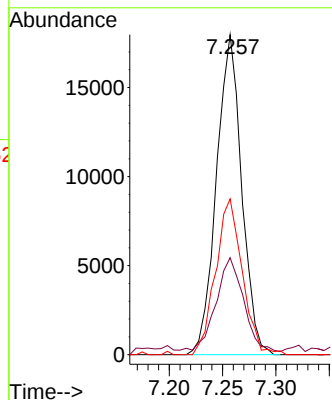
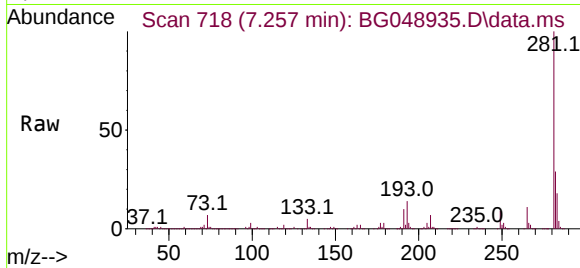




#7
Phenol-d6
Concen: 8.53 ng
RT: 7.257 min Scan# 718
Delta R.T. -0.007 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

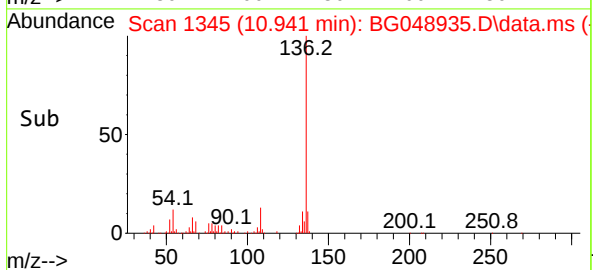
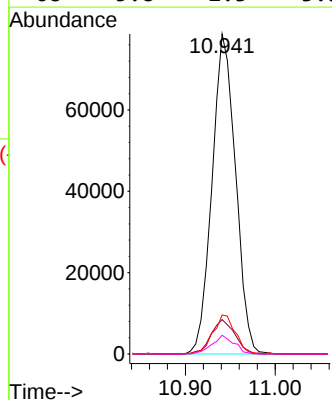
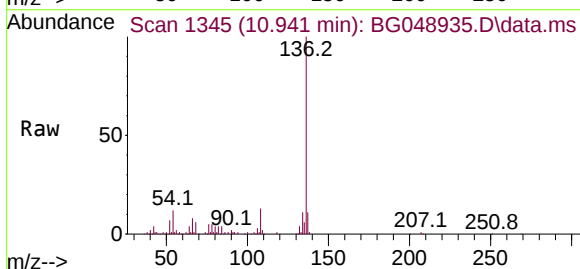
Instrument :
BNA_G
ClientSampleId :
18-B12(190-194)

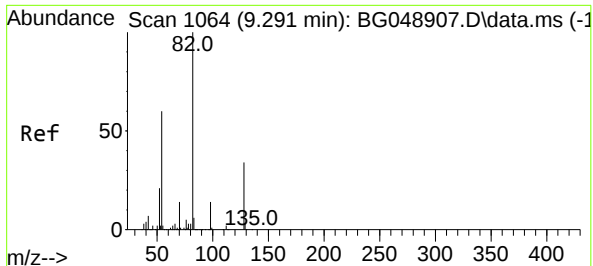
Tgt Ion:	99	Resp:	29501
Ion	Ratio	Lower	Upper
99	100		
42	30.3	20.5	30.7
71	48.7	41.5	62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.941 min Scan# 1345
Delta R.T. -0.007 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

Tgt Ion:	136	Resp:	142923
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	12.2	5.5	8.3#
68	5.8	2.3	3.5#

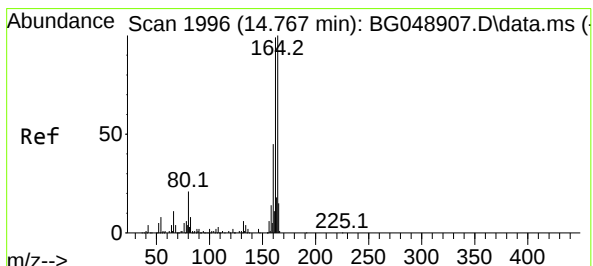
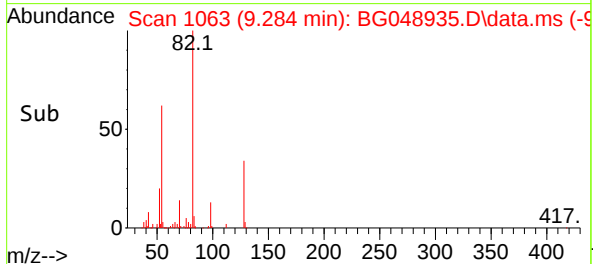
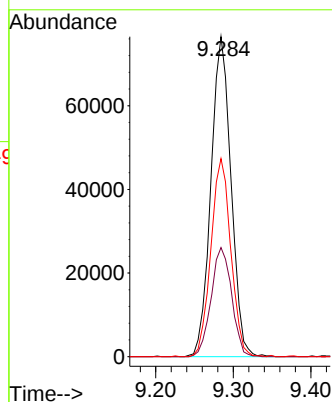
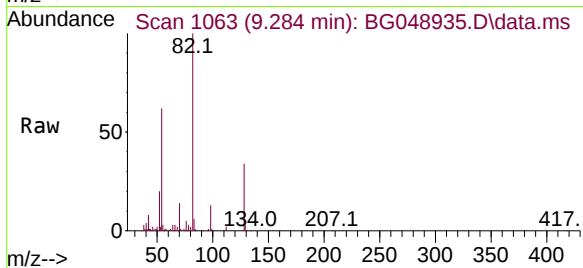




#23
Nitrobenzene-d5
Concen: 41.54 ng
RT: 9.284 min Scan# 1063
Delta R.T. -0.007 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

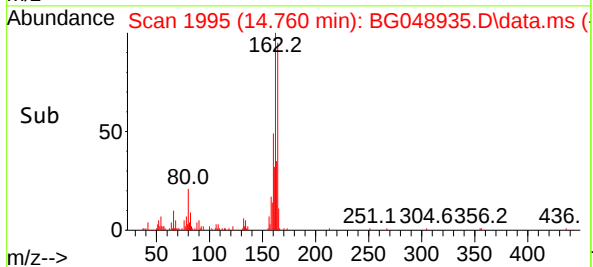
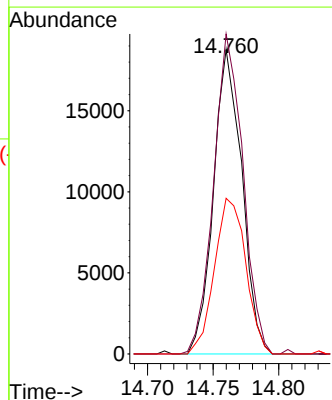
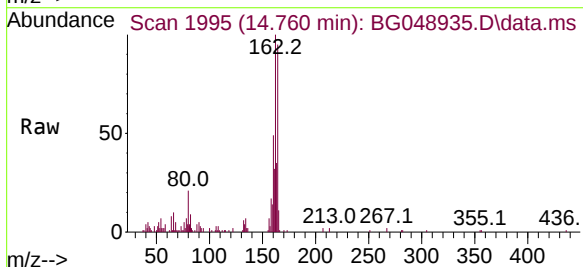
Instrument :
BNA_G
ClientSampleId :
18-B12(190-194)

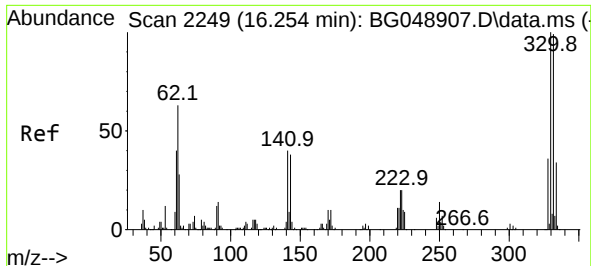
Tgt Ion: 82 Resp: 137692
Ion Ratio Lower Upper
82 100
128 34.1 29.8 44.6
54 61.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.760 min Scan# 1995
Delta R.T. -0.007 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

Tgt Ion:164 Resp: 28197
Ion Ratio Lower Upper
164 100
162 105.1 81.4 122.0
160 51.1 34.9 52.3

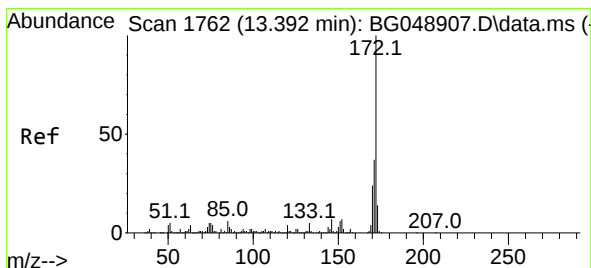
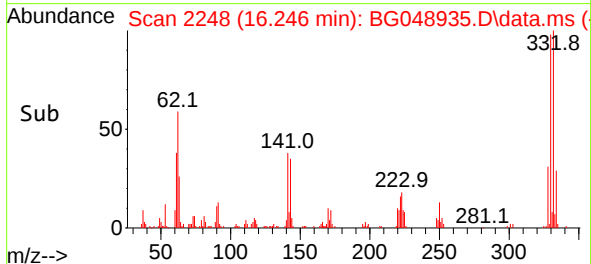
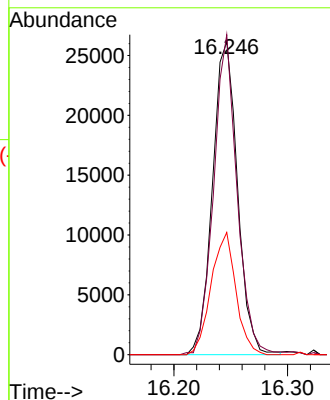
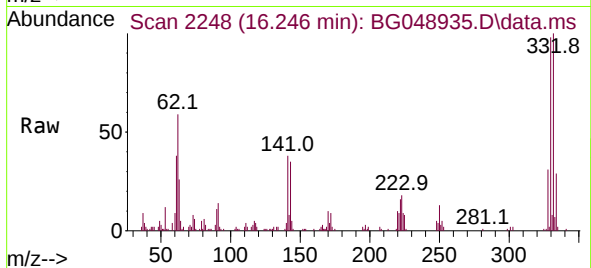




#42
2,4,6-Tribromophenol
Concen: 95.37 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.008 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

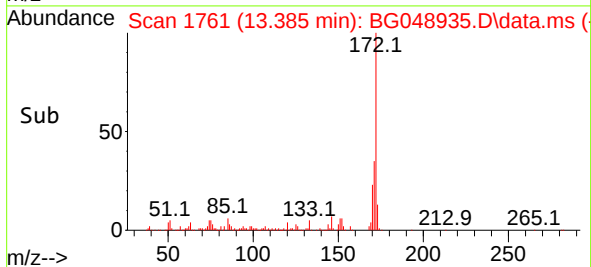
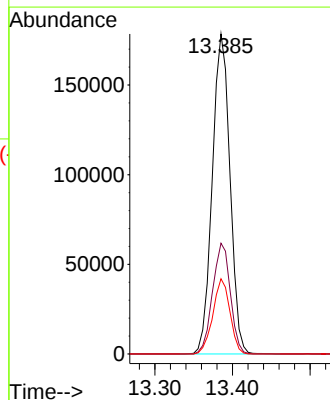
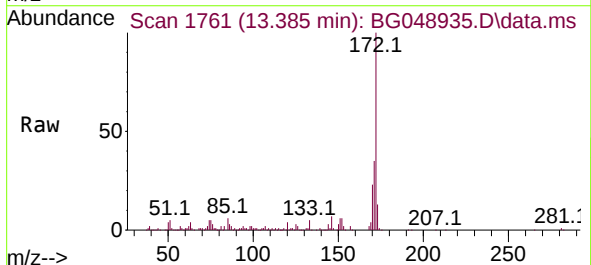
Instrument :
BNA_G
ClientSampleId :
18-B12(190-194)

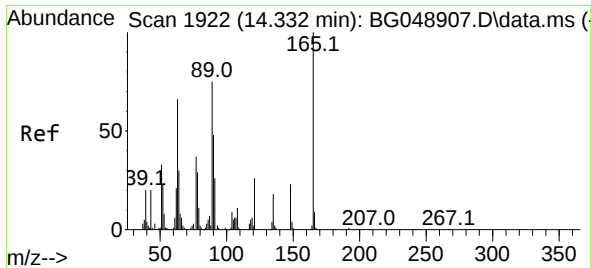
Tgt Ion:330 Resp: 39842
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 38.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 141.68 ng
RT: 13.385 min Scan# 1761
Delta R.T. -0.007 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

Tgt Ion:172 Resp: 282789
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 23.5 18.6 27.8

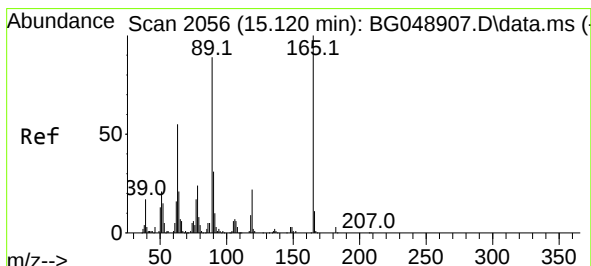
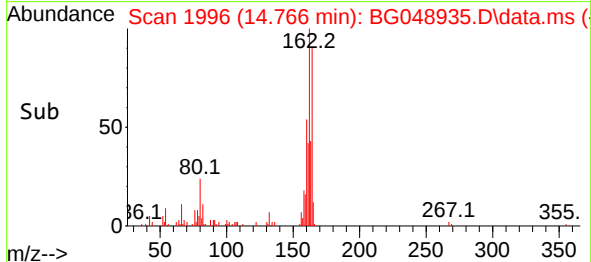
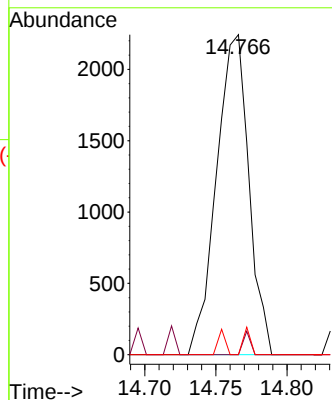
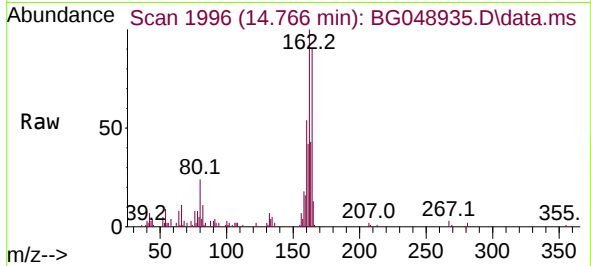




#51
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 14.766 min Scan# 1996
Delta R.T. 0.433 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

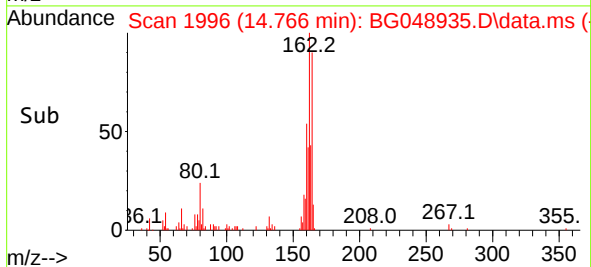
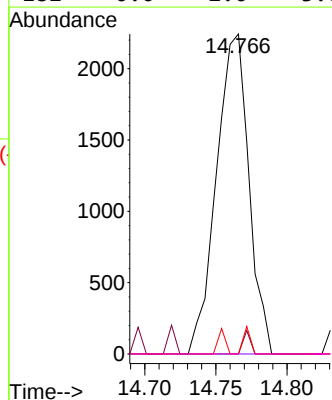
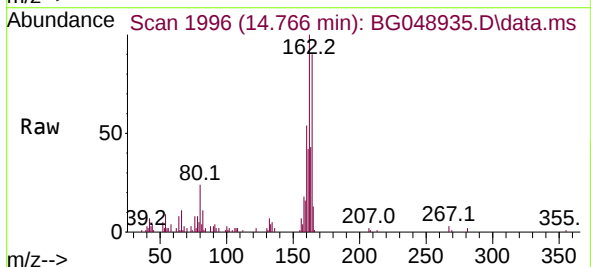
Instrument :
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18-B12(190-194)

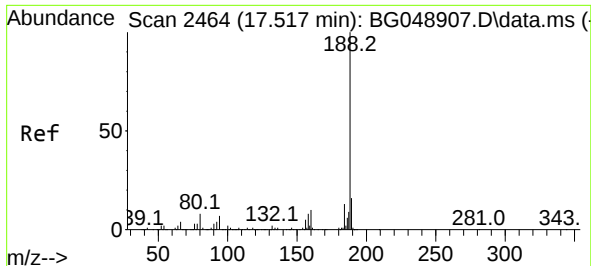
Tgt Ion:165 Resp: 3561
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 14.766 min Scan# 1996
Delta R.T. -0.354 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

Tgt Ion:165 Resp: 3561
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#

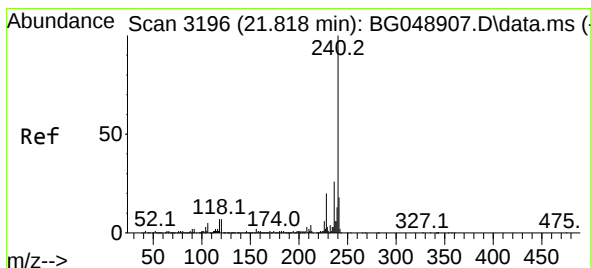
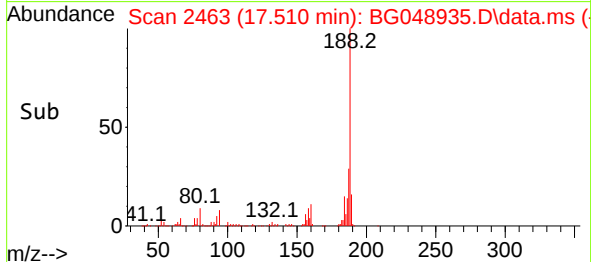
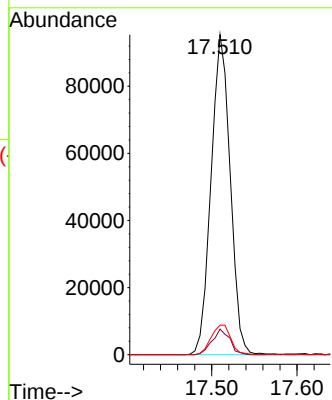
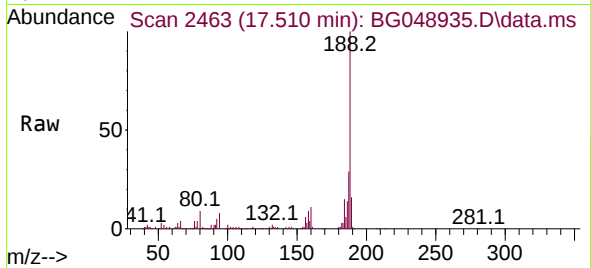




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.510 min Scan# 2463
Delta R.T. -0.007 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

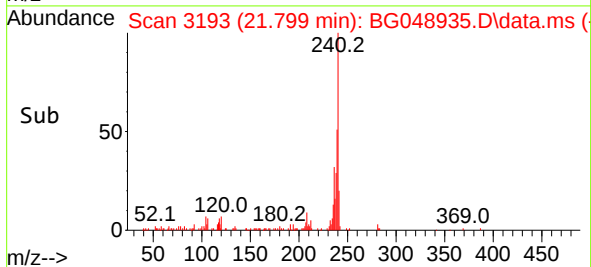
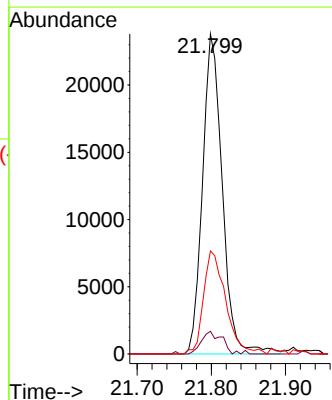
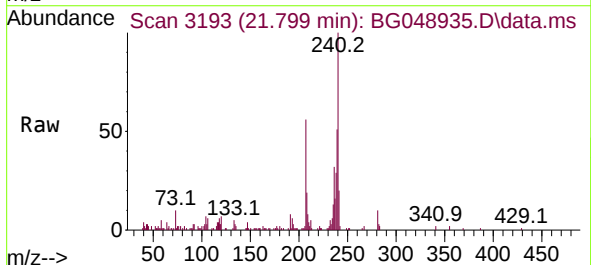
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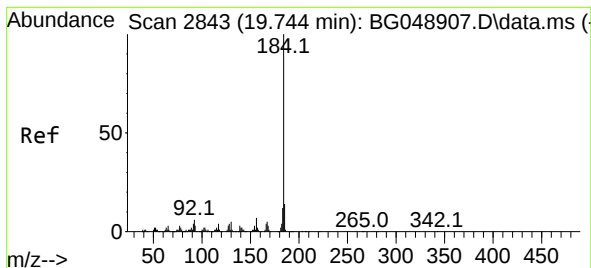
Tgt Ion:188 Resp: 148926
Ion Ratio Lower Upper
188 100
94 8.0 5.4 8.0
80 9.3 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.799 min Scan# 3193
Delta R.T. -0.019 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

Tgt Ion:240 Resp: 44047
Ion Ratio Lower Upper
240 100
120 7.1 4.2 6.2#
236 32.2 21.8 32.6





#77

Benzidine

Concen: 7.54 ng

RT: 20.118 min Scan# 2907

Delta R.T. 0.375 min

Lab File: BG048935.D

Acq: 13 Jun 2021 9:46

Tgt Ion:184 Resp: 6689

Ion Ratio Lower Upper

184 100

185 17.2 10.7 16.1#

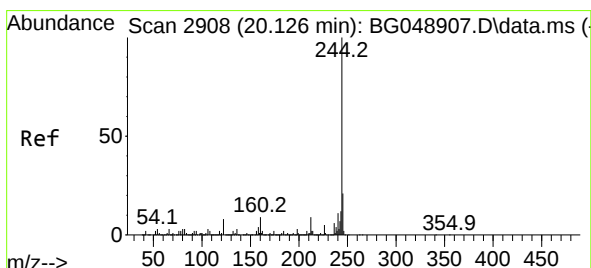
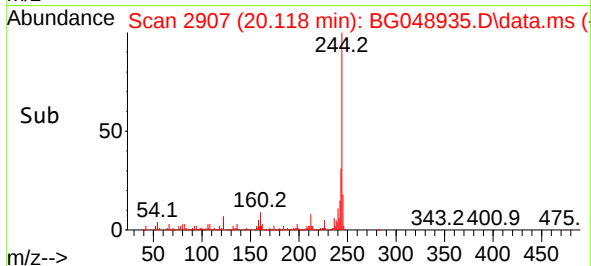
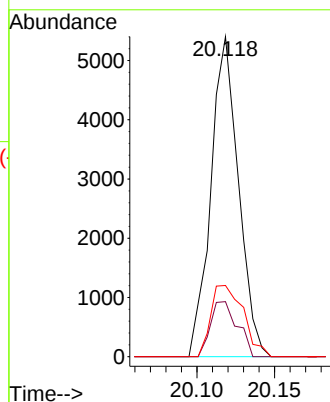
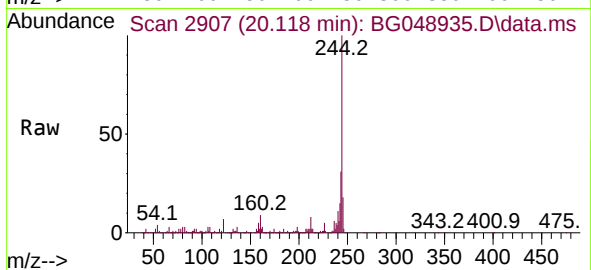
183 22.3 9.4 14.0#

Instrument :

BNA_G

ClientSampleId :

18-B12(190-194)



#79

Terphenyl-d14

Concen: 152.19 ng

RT: 20.118 min Scan# 2907

Delta R.T. -0.008 min

Lab File: BG048935.D

Acq: 13 Jun 2021 9:46

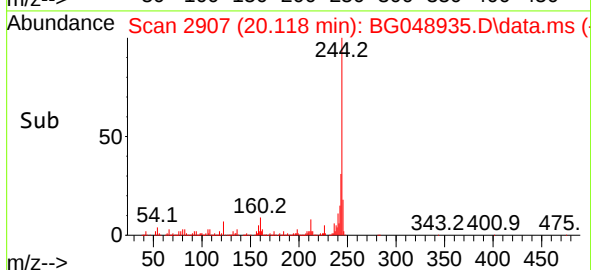
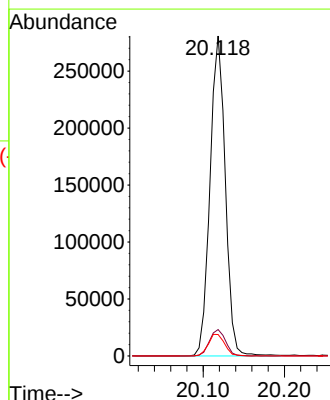
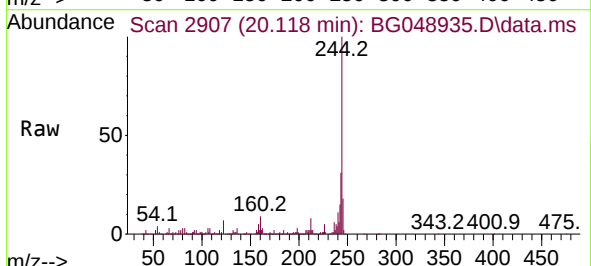
Tgt Ion:244 Resp: 366019

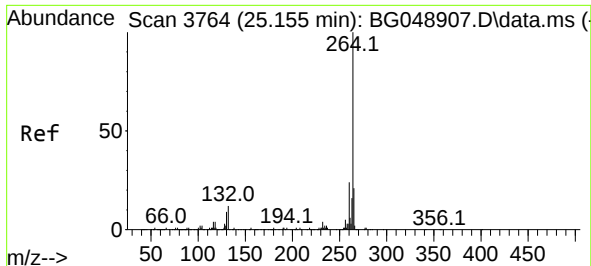
Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

122 6.7 5.0 7.6

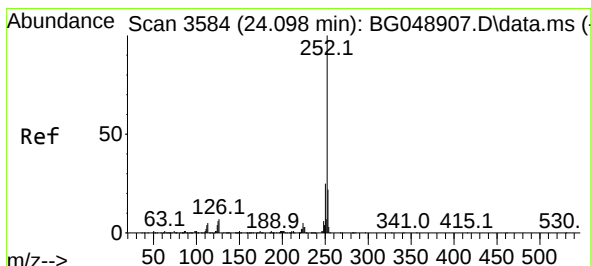
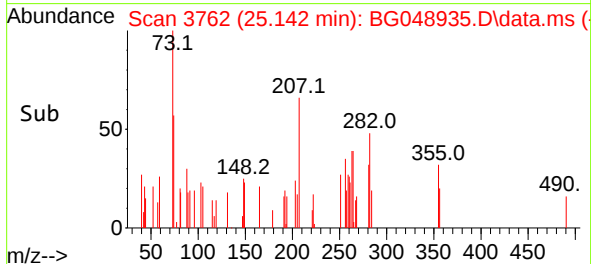
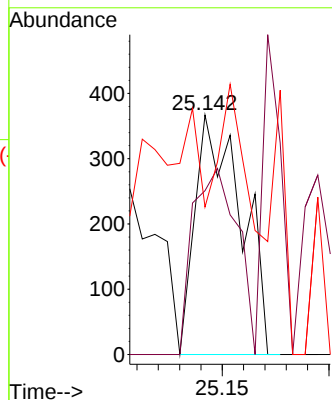
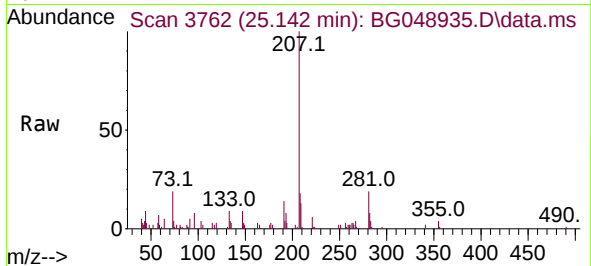




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.142 min Scan# 3762
Delta R.T. -0.013 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

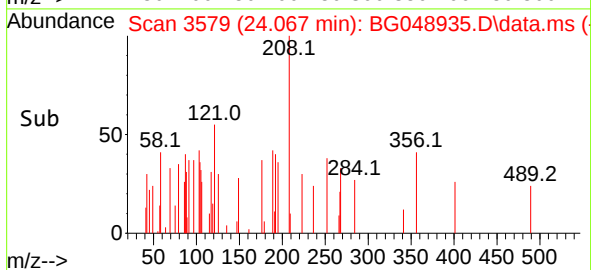
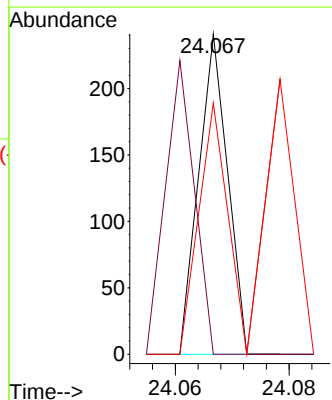
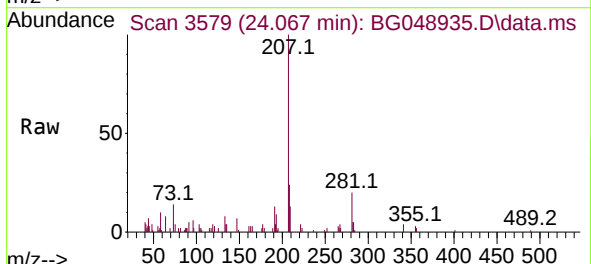
Instrument :
BNA_G
ClientSampleId :
18-B12(190-194)

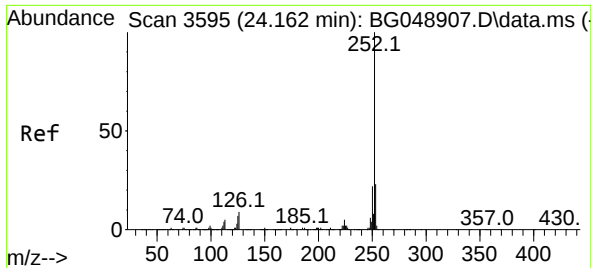
Tgt Ion:264	Resp:	551
Ion Ratio	Lower	Upper
264	100	
260	68.4	19.4 29.2#
265	61.6	16.9 25.3#



#88
Benzo(b)fluoranthene
Concen: 2.16 ng
RT: 24.067 min Scan# 3579
Delta R.T. -0.031 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

Tgt Ion:252	Resp:	85
Ion Ratio	Lower	Upper
252	100	
253	0.0	16.2 24.4#
125	78.4	3.0 4.4#





#89
Benzo(k)fluoranthene
Concen: 3.70 ng
RT: 24.120 min Scan# 3588
Delta R.T. -0.043 min
Lab File: BG048935.D
Acq: 13 Jun 2021 9:46

Instrument :
BNA_G
ClientSampleId :
18-B12(190-194)

Tgt Ion:252 Resp: 138
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 0.0 3.1 4.7#

