

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048959.D
 Acq On : 14 Jun 2021 21:36
 Operator : CG/JU
 Sample : M2678-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0205-COMP-F(DISCRETE-CL-05)

Quant Time: Jun 15 01:14:02 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)

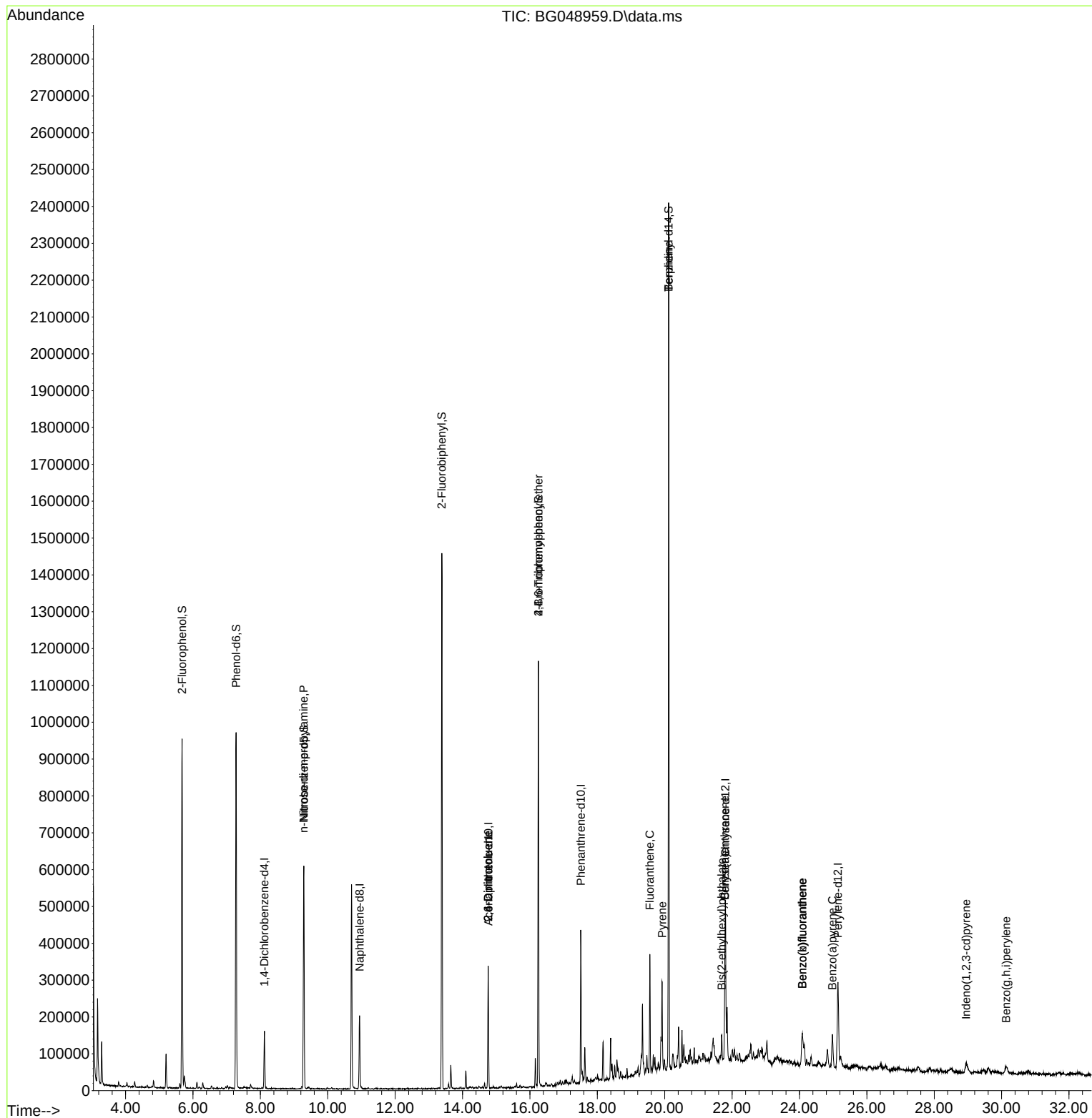
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	38258	20.00	ng	0.00
21) Naphthalene-d8	10.946	136	162099	20.00	ng	# 0.00
39) Acenaphthene-d10	14.765	164	117397	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	250925	20.00	ng	# 0.00
76) Chrysene-d12	21.804	240	241574	20.00	ng	-0.01
86) Perylene-d12	25.141	264	252074	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	368934	150.12	ng	0.00
7) Phenol-d6	7.280	99	514469	139.67	ng	0.02
23) Nitrobenzene-d5	9.289	82	365454	97.21	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	218299	125.51	ng	0.00
45) 2-Fluorobiphenyl	13.384	172	745634	89.72	ng	0.00
79) Terphenyl-d14	20.118	244	1066610	80.86	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.283	70	53185	18.47	ng	# 73
51) 2,6-Dinitrotoluene	14.759	165	15778	8.47	ng	# 12
57) 2,4-Dinitrotoluene	14.759	165	15778	6.90	ng	# 17
67) 4-Bromophenyl-phenylether	16.252	248	13714	4.38	ng	# 1
75) Fluoranthene	19.559	202	187659	11.02	ng	97
77) Benzidine	20.118	184	21108	4.34	ng	# 84
78) Pyrene	19.924	202	161674	9.22	ng	98
81) Benzo(a)anthracene	21.786	228	142609	8.22	ng	99
83) Chrysene	21.786	228	142609	8.58	ng	98
84) Bis(2-ethylhexyl)phtha...	21.692	149	27089	2.87	ng	99
87) Indeno(1,2,3-cd)pyrene	28.948	276	48797	2.57	ng	# 72
88) Benzo(b)fluoranthene	24.083	252	119651	6.66	ng	# 98
89) Benzo(k)fluoranthene	24.083	252	119651	7.02	ng	# 95
90) Benzo(a)pyrene	24.977	252	94101	5.74	ng	# 97
92) Benzo(g,h,i)perylene	30.135	276	37530	2.35	ng	# 96

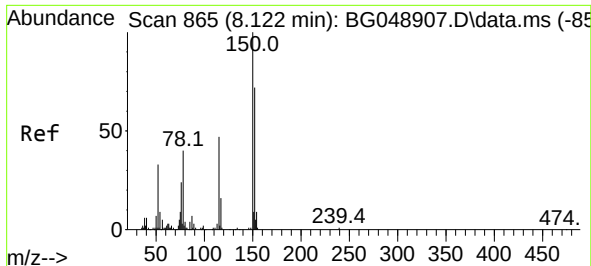
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048959.D
Acq On : 14 Jun 2021 21:36
Operator : CG/JU
Sample : M2678-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

Quant Time: Jun 15 01:14:02 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

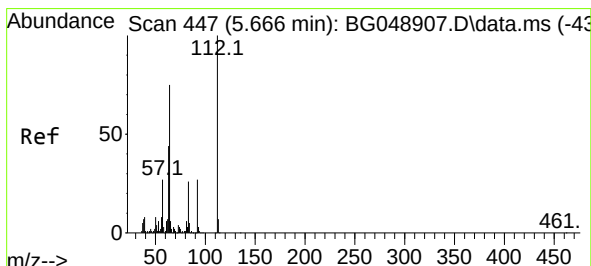
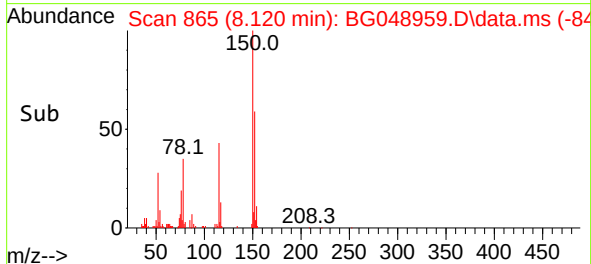
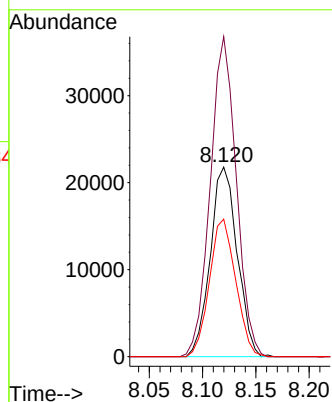
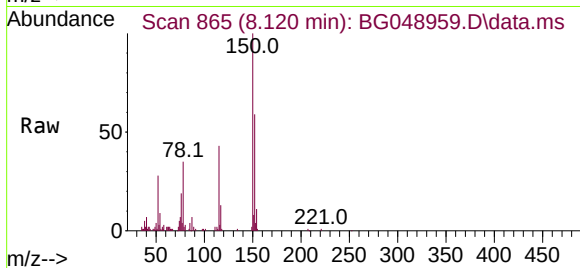




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.120 min Scan# 865
Delta R.T. -0.002 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

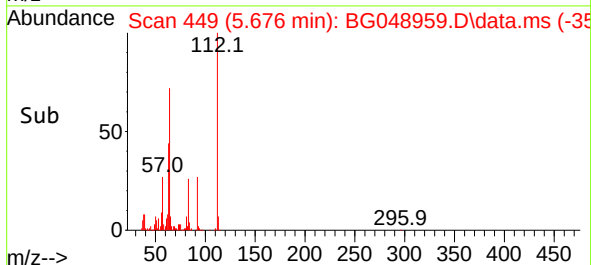
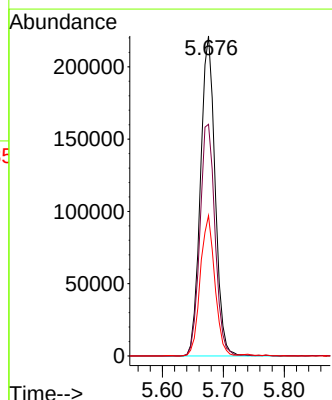
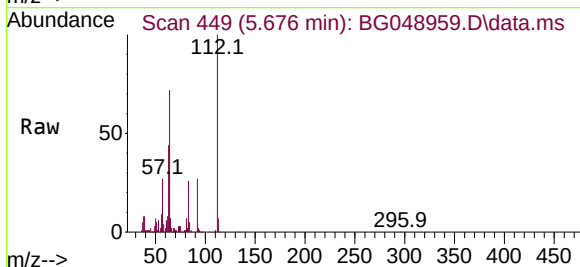
Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

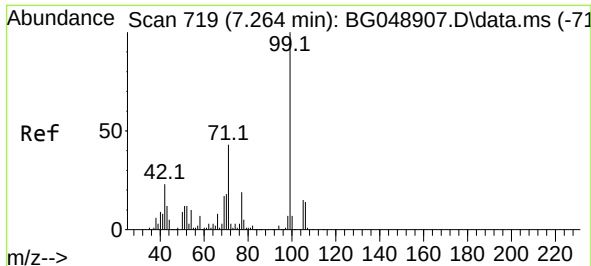
Tgt Ion:152 Resp: 38258
Ion Ratio Lower Upper
152 100
150 168.8 119.4 179.0
115 72.6 60.2 90.4



#5
2-Fluorophenol
Concen: 150.12 ng
RT: 5.676 min Scan# 449
Delta R.T. 0.010 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

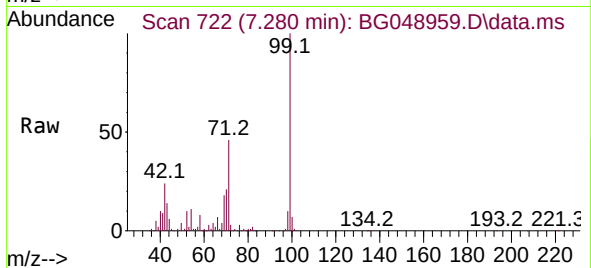
Tgt Ion:112 Resp: 368934
Ion Ratio Lower Upper
112 100
64 72.4 46.7 70.1#
63 43.8 35.3 52.9



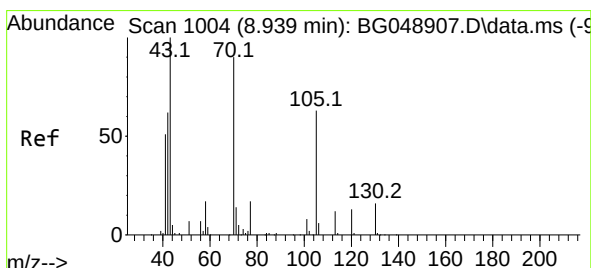
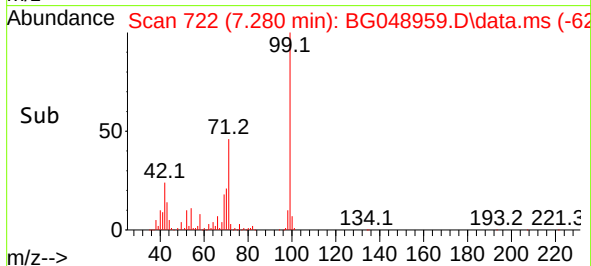
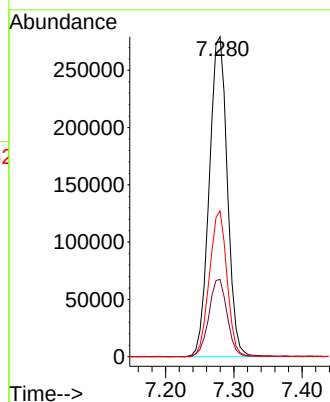


#7
Phenol-d6
Concen: 139.67 ng
RT: 7.280 min Scan# 722
Delta R.T. 0.016 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

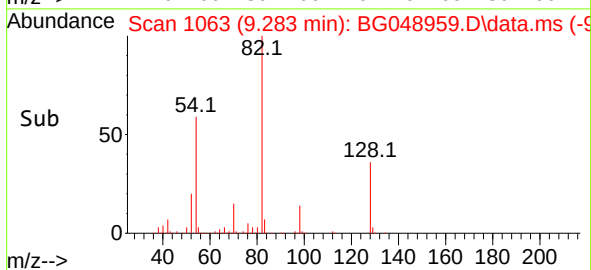
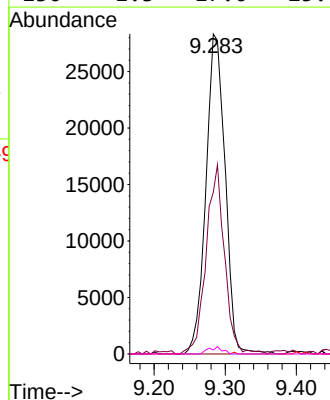
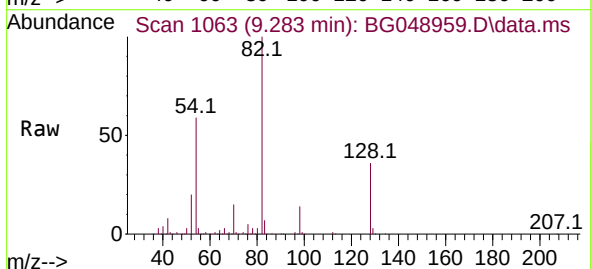


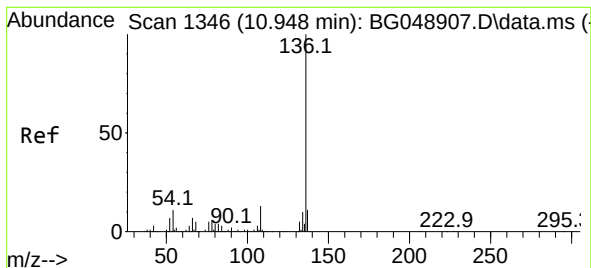
Tgt Ion: 99 Resp: 514469
Ion Ratio Lower Upper
99 100
42 24.2 20.5 30.7
71 45.6 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.47 ng
RT: 9.283 min Scan# 1063
Delta R.T. 0.344 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion: 70 Resp: 53185
Ion Ratio Lower Upper
70 100
42 50.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#

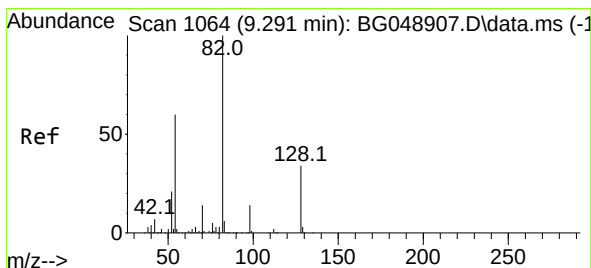
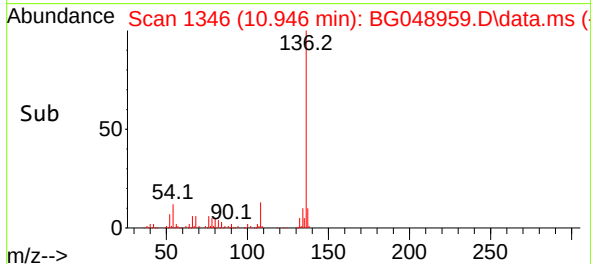
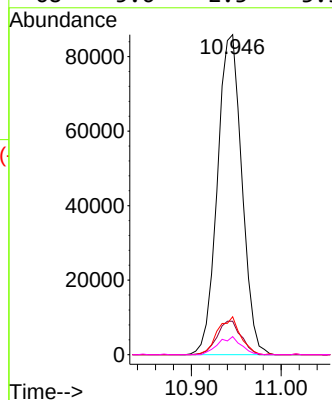
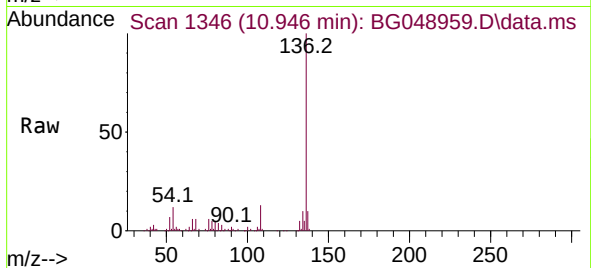




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.946 min Scan# 1346
Delta R.T. -0.002 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

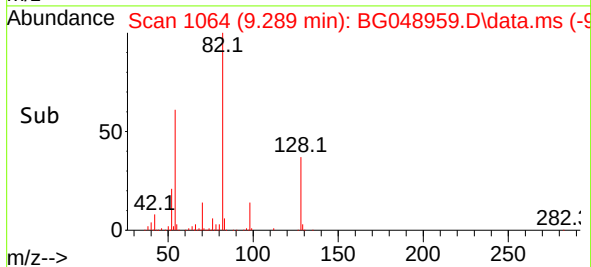
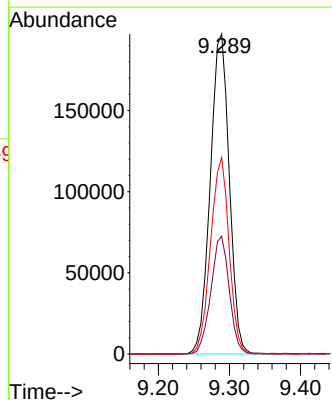
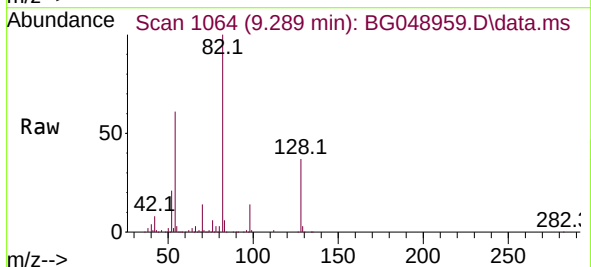
Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

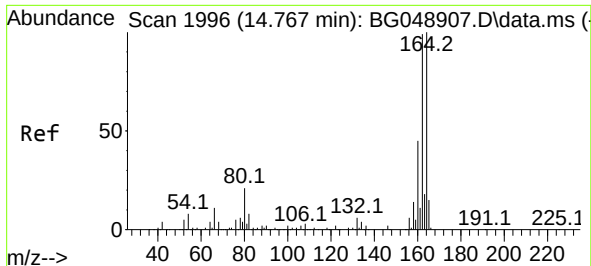
Tgt Ion:	136	Resp:	162099
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.2
54	11.8	5.5	8.3#
68	5.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 97.21 ng
RT: 9.289 min Scan# 1064
Delta R.T. -0.002 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:	82	Resp:	365454
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.8	44.6
54	61.4	45.8	68.8

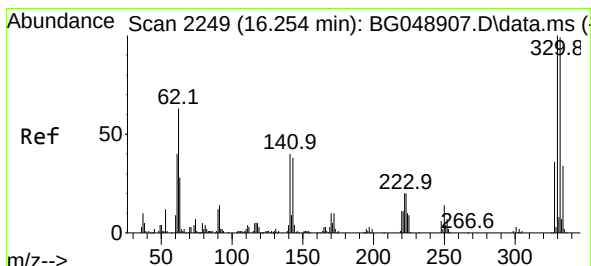
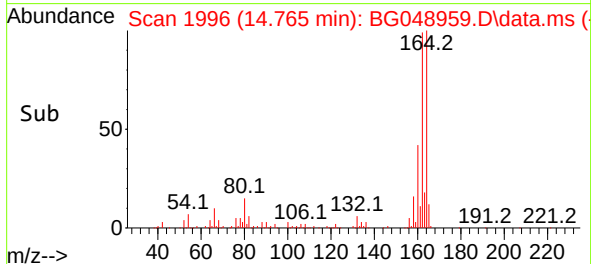
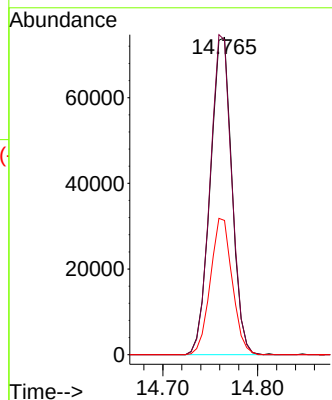
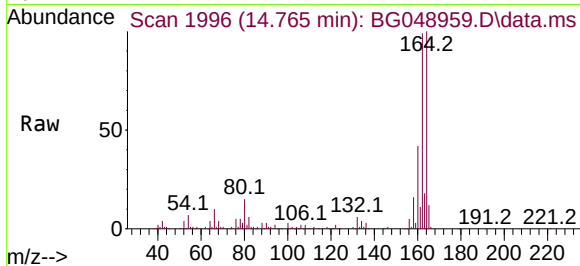




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.765 min Scan# 1996
Delta R.T. -0.002 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

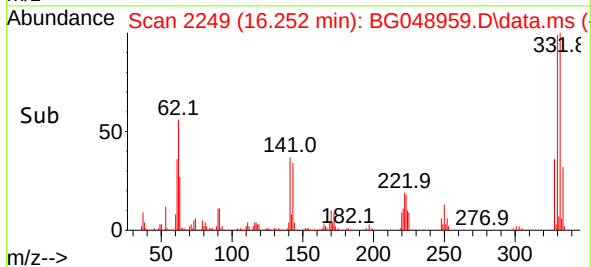
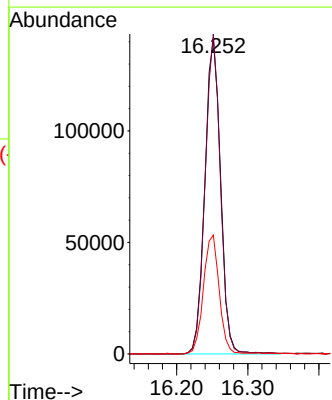
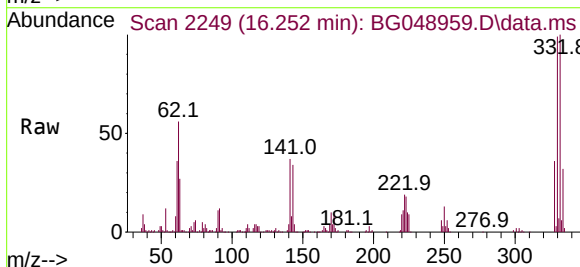
Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

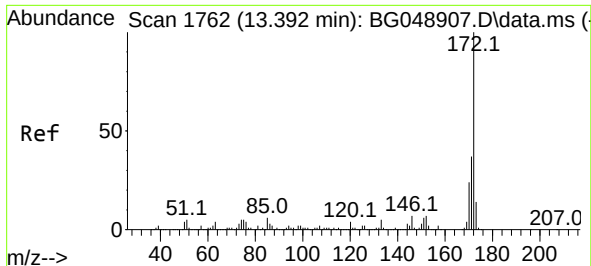
Tgt Ion:164 Resp: 117397
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 42.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 125.51 ng
RT: 16.252 min Scan# 2249
Delta R.T. -0.003 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:330 Resp: 218299
Ion Ratio Lower Upper
330 100
332 98.3 77.3 115.9
141 37.7 35.6 53.4

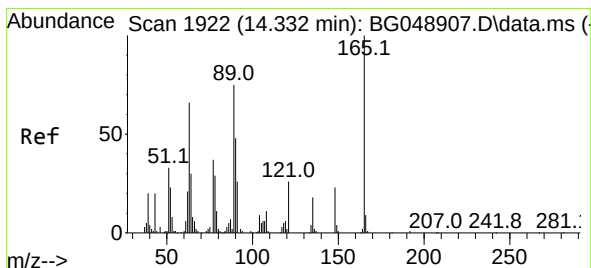
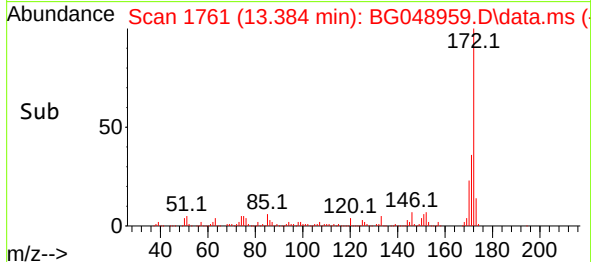
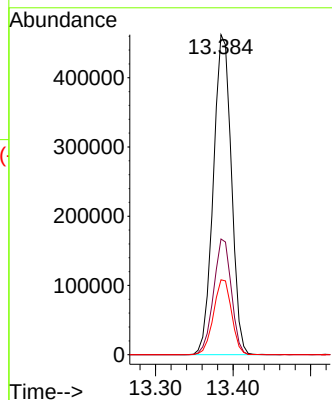
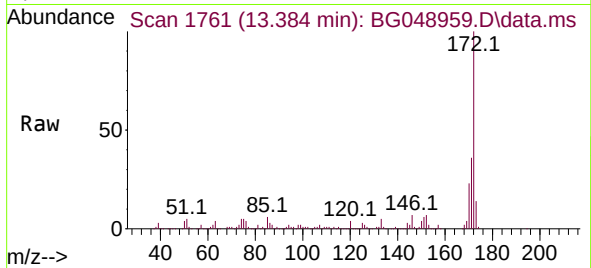




#45
2-Fluorobiphenyl
Concen: 89.72 ng
RT: 13.384 min Scan# 1761
Delta R.T. -0.008 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

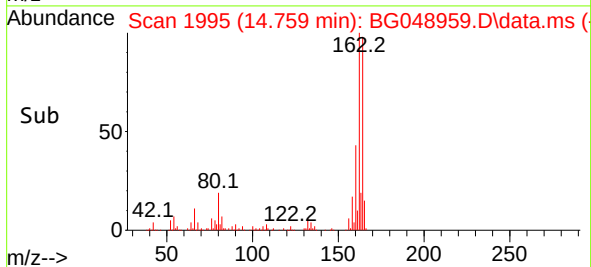
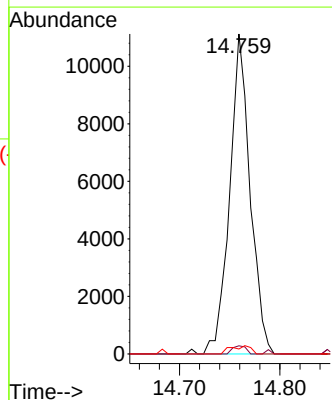
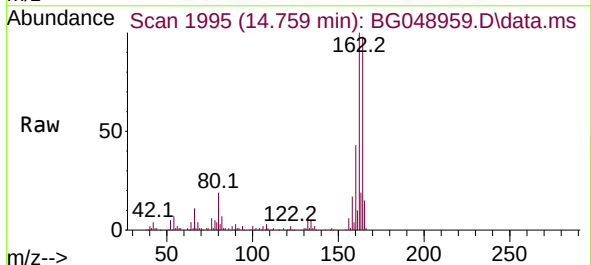
Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

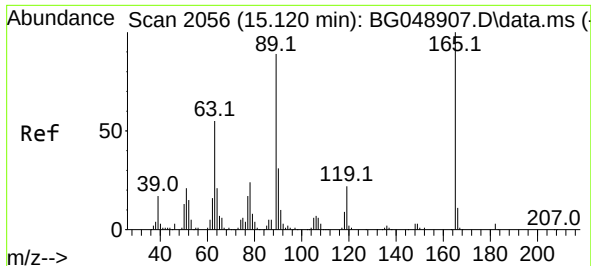
Tgt Ion:172 Resp: 745634
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.47 ng
RT: 14.759 min Scan# 1995
Delta R.T. 0.427 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:165 Resp: 15778
Ion Ratio Lower Upper
165 100
63 2.6 63.3 94.9#
89 1.5 63.4 95.0#

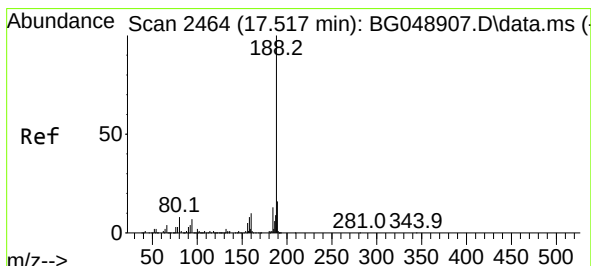
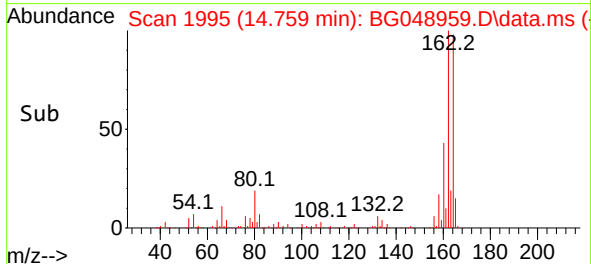
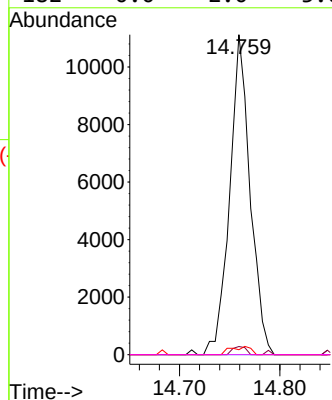
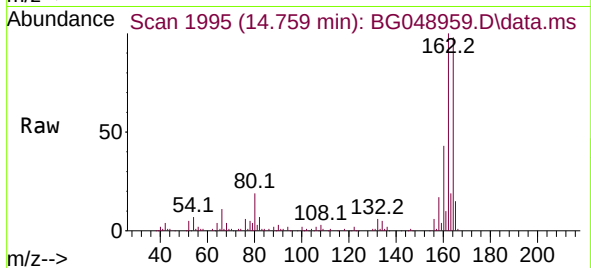




#57
2,4-Dinitrotoluene
Concen: 6.90 ng
RT: 14.759 min Scan# 1995
Delta R.T. -0.361 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

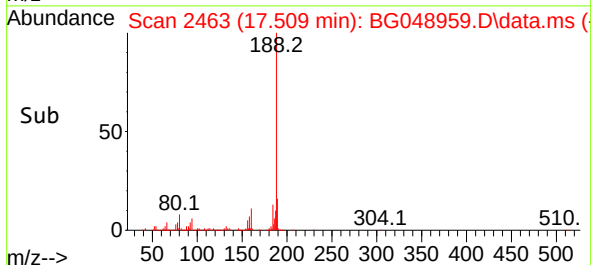
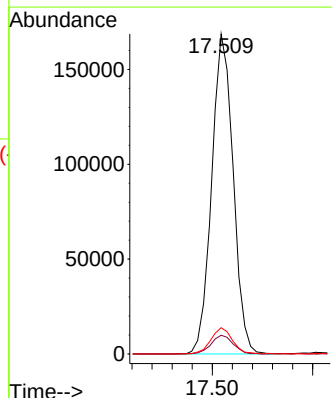
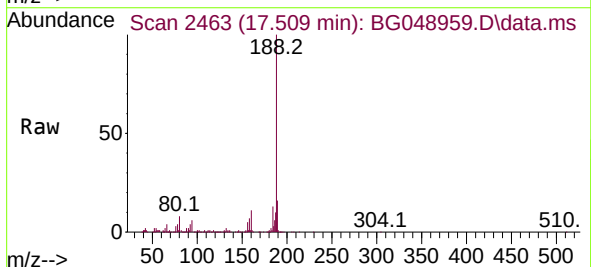
Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

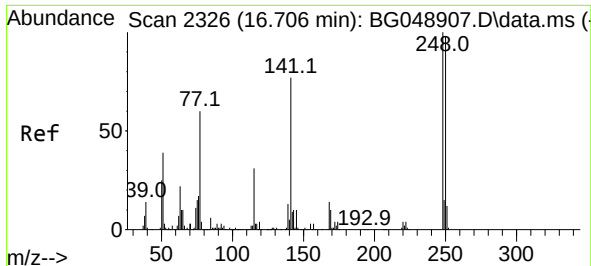
Tgt Ion:165 Resp: 15778
Ion Ratio Lower Upper
165 100
63 2.6 48.0 72.0#
89 1.5 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2463
Delta R.T. -0.008 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:188 Resp: 250925
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 8.2 3.7 5.5#

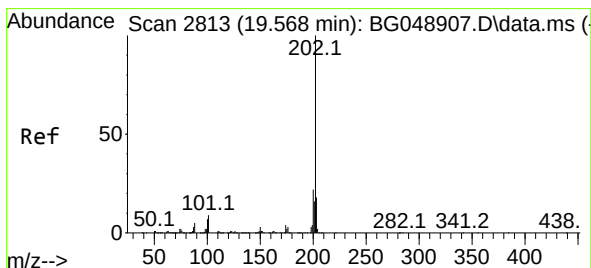
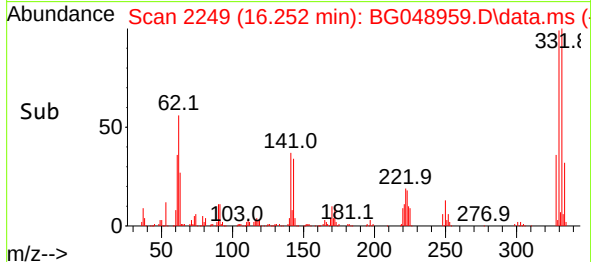
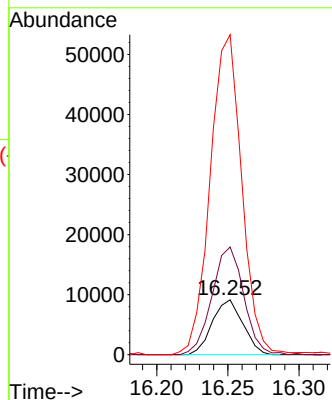
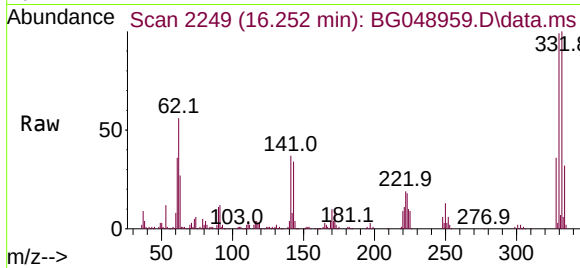




#67
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 16.252 min Scan# 2249
Delta R.T. -0.455 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

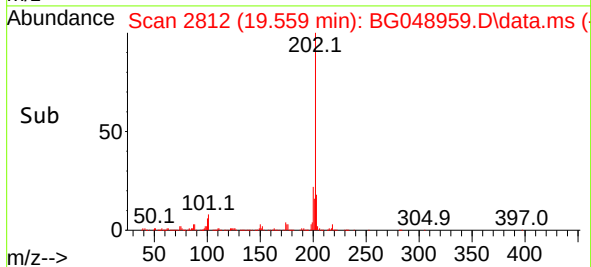
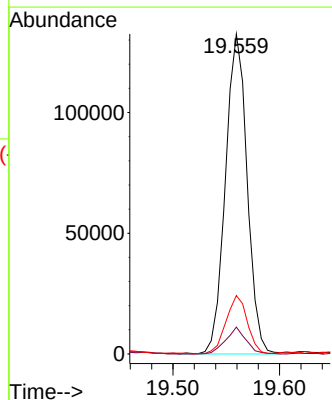
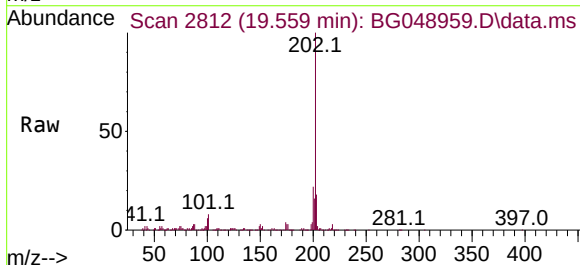
Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

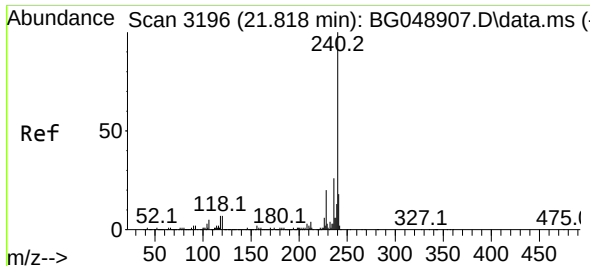
Tgt Ion:248 Resp: 13714
Ion Ratio Lower Upper
248 100
250 196.3 76.1 114.1#
141 583.3 65.4 98.2#



#75
Fluoranthene
Concen: 11.02 ng
RT: 19.559 min Scan# 2812
Delta R.T. -0.008 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:202 Resp: 187659
Ion Ratio Lower Upper
202 100
101 8.4 0.0 24.7
203 18.2 0.0 38.5

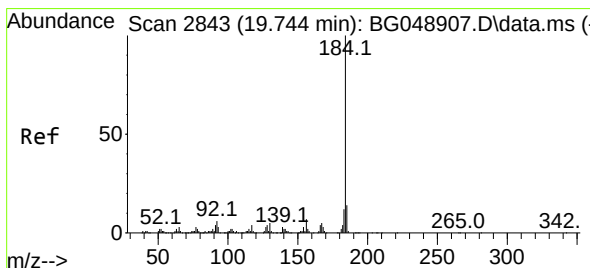
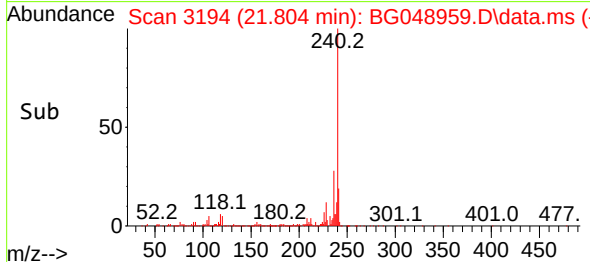
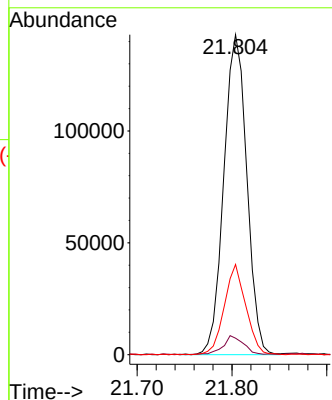
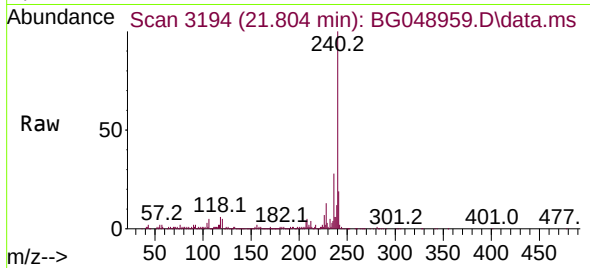




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.804 min Scan# 3194
Delta R.T. -0.014 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

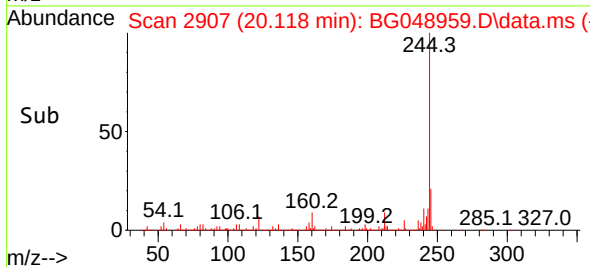
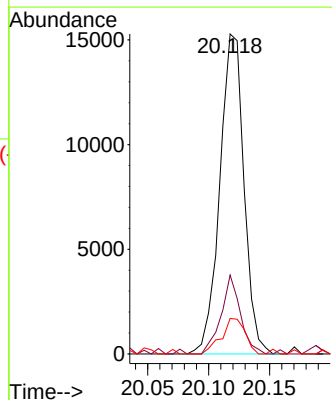
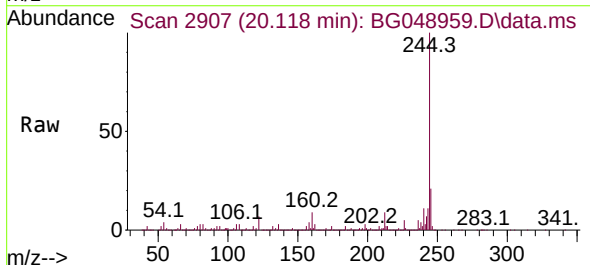
Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

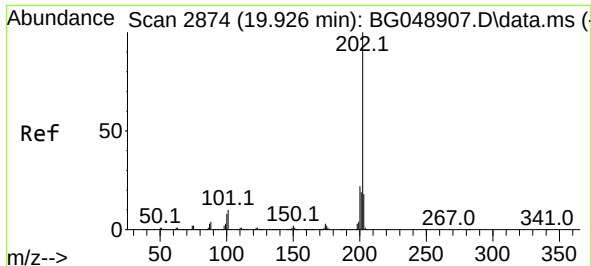
Tgt Ion:240 Resp: 241574
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 28.2 21.8 32.6



#77
Benzidine
Concen: 4.34 ng
RT: 20.118 min Scan# 2907
Delta R.T. 0.374 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:184 Resp: 21108
Ion Ratio Lower Upper
184 100
185 24.6 10.7 16.1#
183 11.1 9.4 14.0

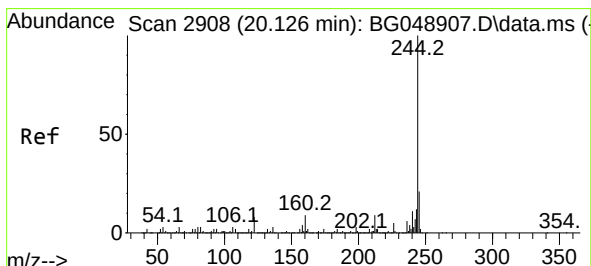
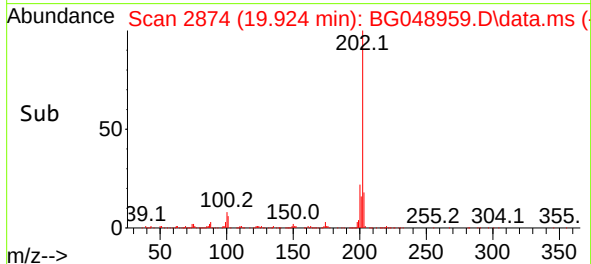
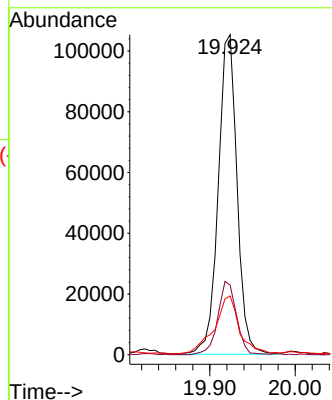
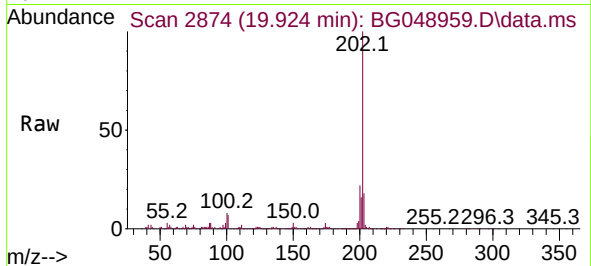




#78
Pyrene
Concen: 9.22 ng
RT: 19.924 min Scan# 2874
Delta R.T. -0.002 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

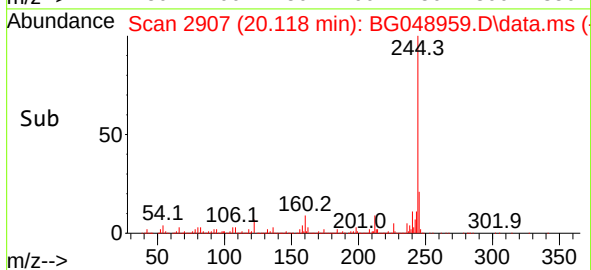
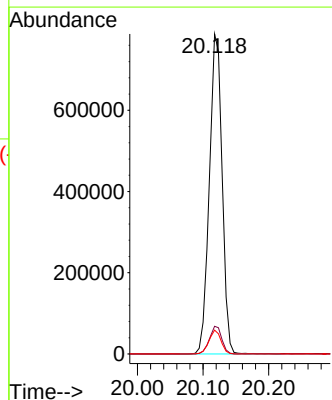
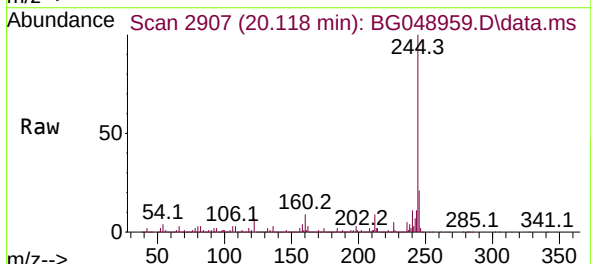
Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

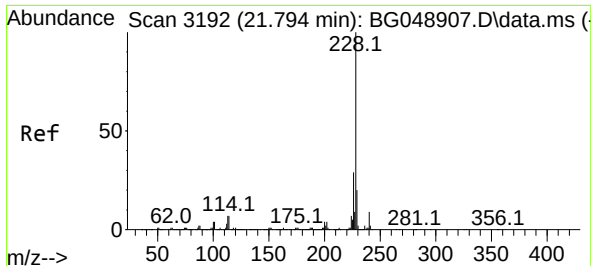
Tgt Ion:202 Resp: 161674
Ion Ratio Lower Upper
202 100
200 21.8 15.8 23.8
203 18.4 14.6 21.8



#79
Terphenyl-d14
Concen: 80.86 ng
RT: 20.118 min Scan# 2907
Delta R.T. -0.008 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:244 Resp: 1066610
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 7.5 5.0 7.6

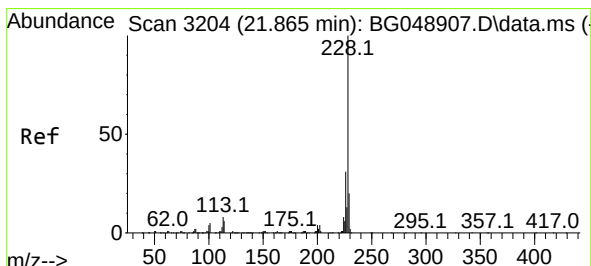
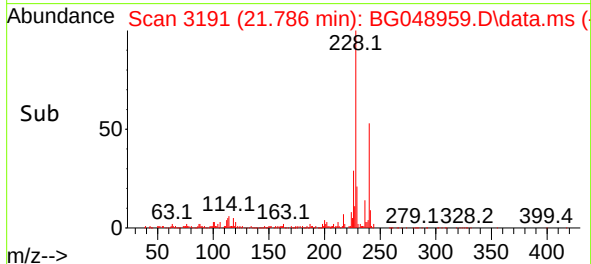
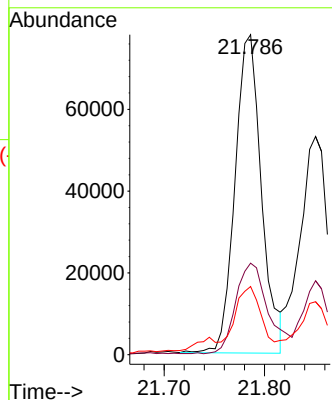
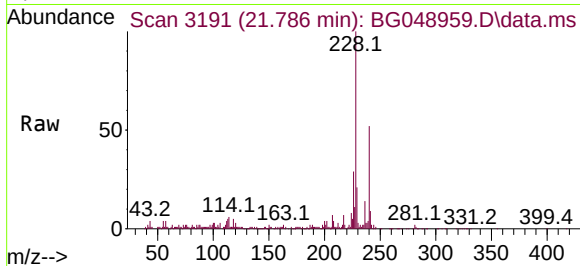




#81
Benzo(a)anthracene
Concen: 8.22 ng
RT: 21.786 min Scan# 3191
Delta R.T. -0.008 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

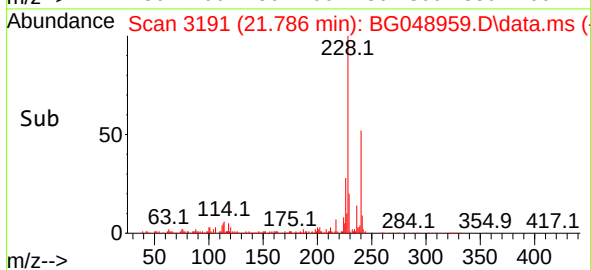
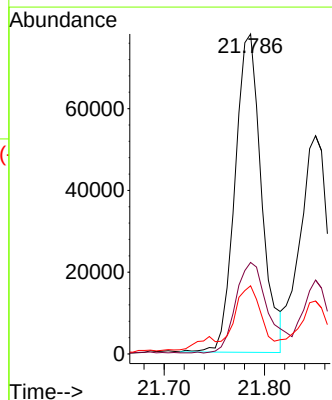
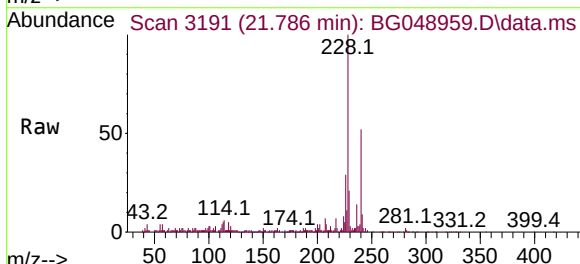
Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

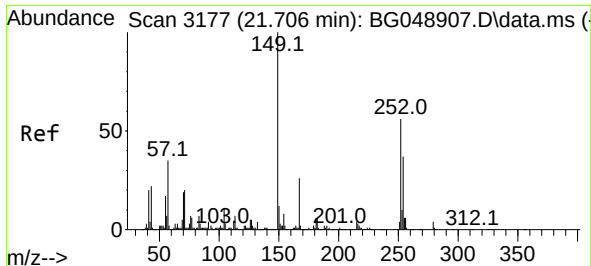
Tgt Ion:228 Resp: 142609
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 21.3 16.0 24.0



#83
Chrysene
Concen: 8.58 ng
RT: 21.786 min Scan# 3191
Delta R.T. -0.079 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:228 Resp: 142609
Ion Ratio Lower Upper
228 100
226 28.6 23.1 34.7
229 21.3 15.3 22.9

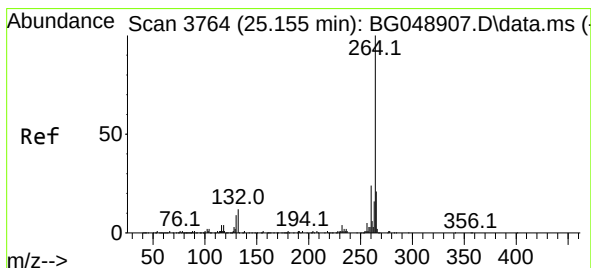
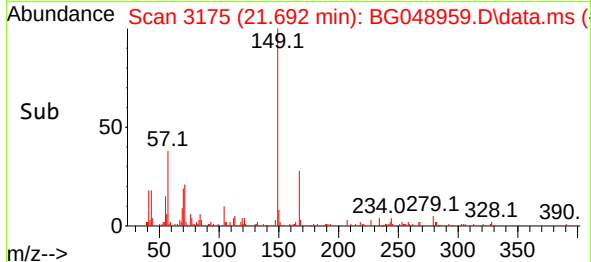
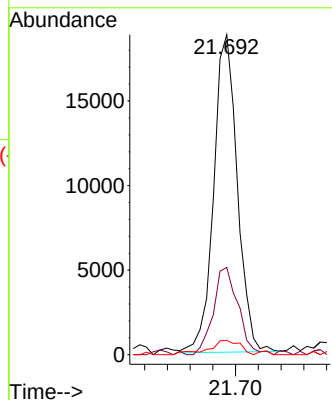
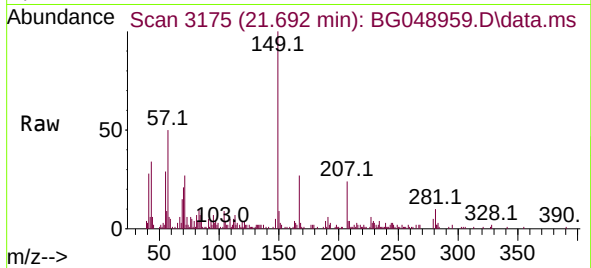




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.87 ng
RT: 21.692 min Scan# 3175
Delta R.T. -0.014 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

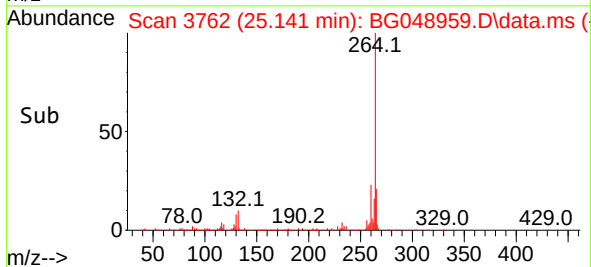
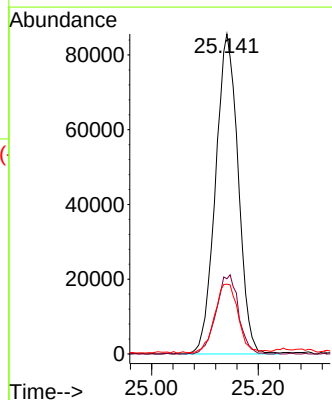
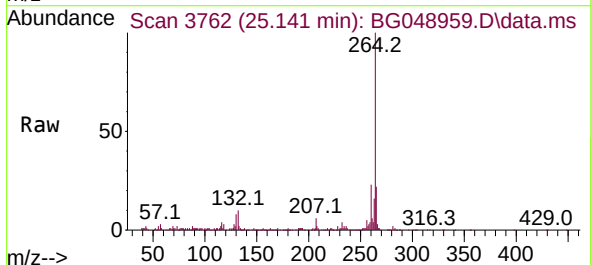
Instrument :
BNA_G
ClientSampleId :
0205-COMP-F(DISCRETE-CL-05)

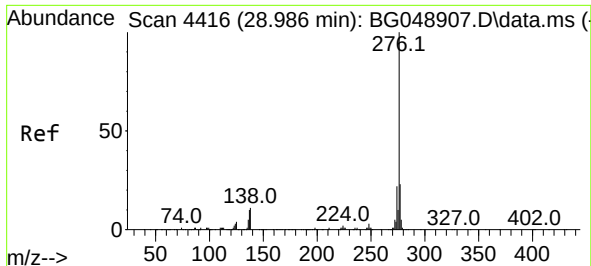
Tgt Ion:149 Resp: 27089
Ion Ratio Lower Upper
149 100
167 27.3 22.3 33.5
279 4.5 3.8 5.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3762
Delta R.T. -0.014 min
Lab File: BG048959.D
Acq: 14 Jun 2021 21:36

Tgt Ion:264 Resp: 252074
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.8 16.9 25.3

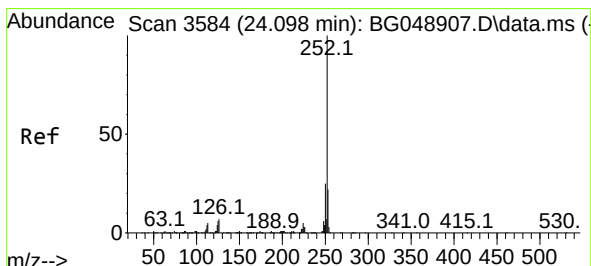
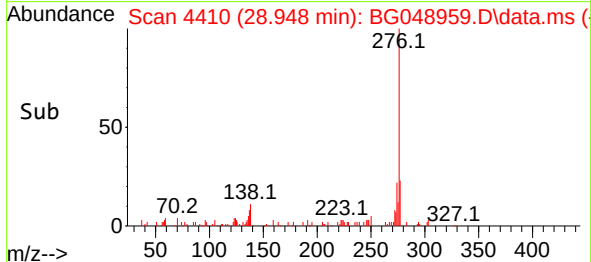
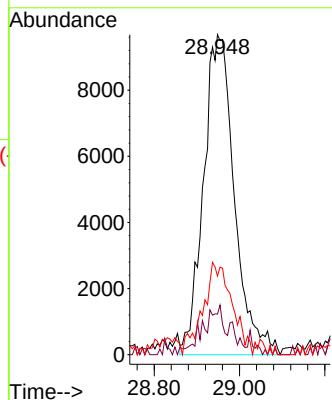
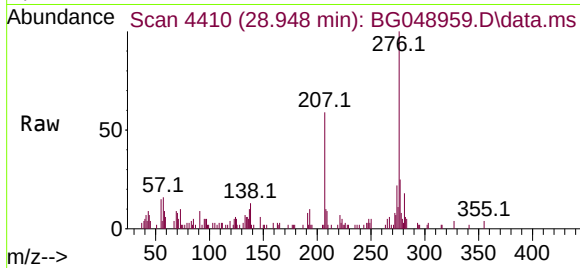




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.57 ng
 RT: 28.948 min Scan# 4410
 Delta R.T. -0.038 min
 Lab File: BG048959.D
 Acq: 14 Jun 2021 21:36

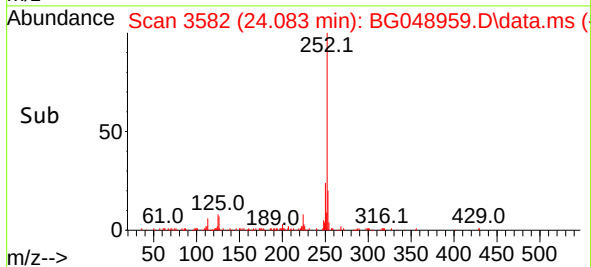
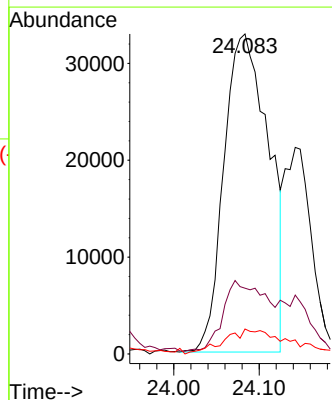
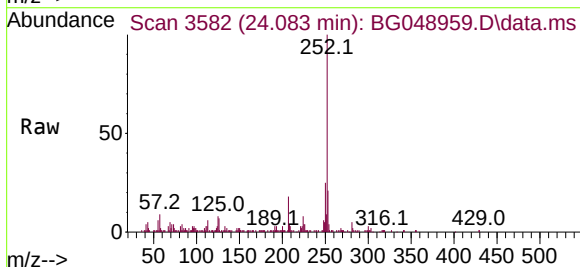
Instrument :
 BNA_G
 ClientSampleId :
 0205-COMP-F(DISCRETE-CL-05)

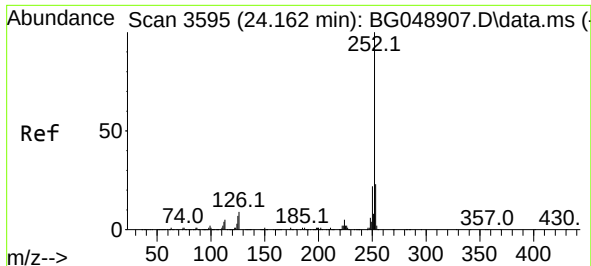
Tgt Ion:276 Resp: 48797
 Ion Ratio Lower Upper
 276 100
 138 10.3 5.1 7.7#
 277 8.8 19.8 29.6#



#88
 Benzo(b)fluoranthene
 Concen: 6.66 ng
 RT: 24.083 min Scan# 3582
 Delta R.T. -0.014 min
 Lab File: BG048959.D
 Acq: 14 Jun 2021 21:36

Tgt Ion:252 Resp: 119651
 Ion Ratio Lower Upper
 252 100
 253 20.6 16.2 24.4
 125 7.8 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 7.02 ng

RT: 24.083 min Scan# 3582

Delta R.T. -0.079 min

Lab File: BG048959.D

Acq: 14 Jun 2021 21:36

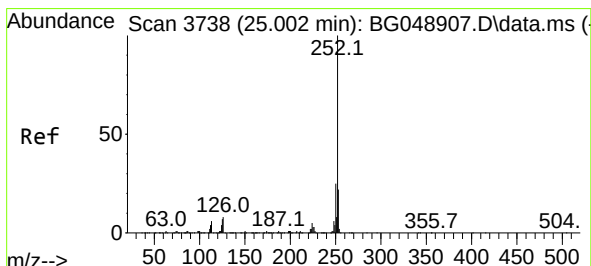
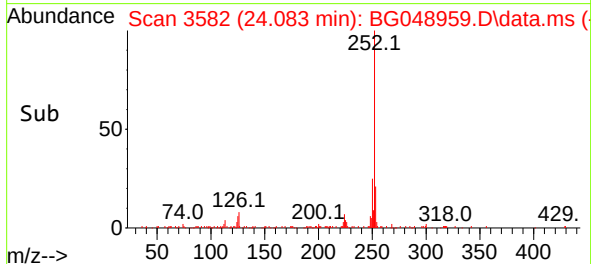
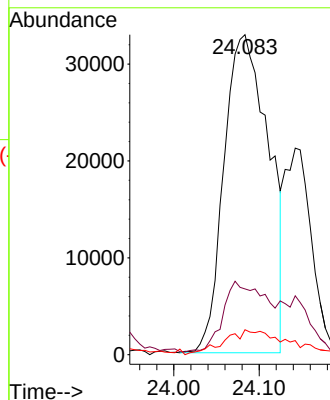
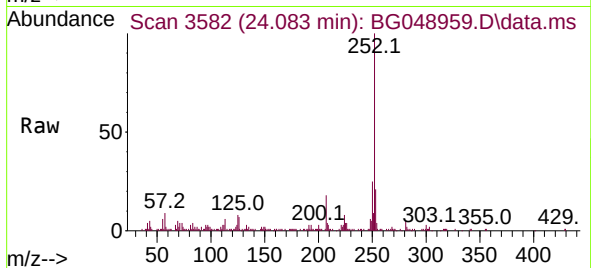
Tgt Ion:252 Resp: 119651

Ion Ratio Lower Upper

252 100

253 20.6 18.0 27.0

125 7.8 3.1 4.7#



#90

Benzo(a)pyrene

Concen: 5.74 ng

RT: 24.977 min Scan# 3734

Delta R.T. -0.026 min

Lab File: BG048959.D

Acq: 14 Jun 2021 21:36

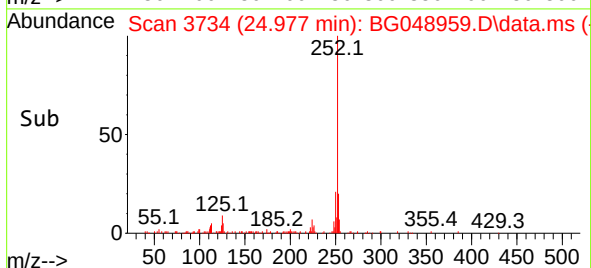
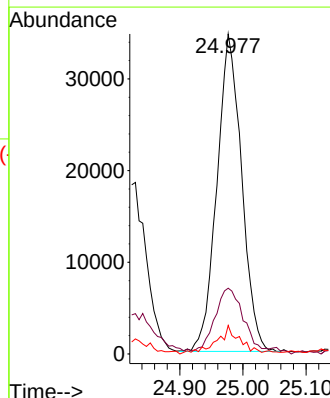
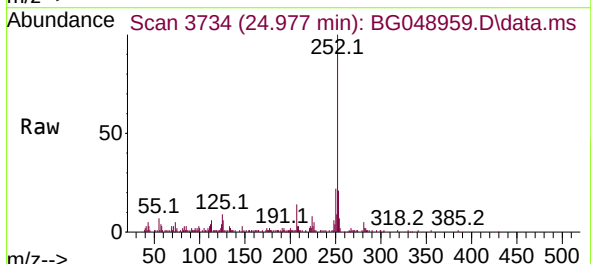
Tgt Ion:252 Resp: 94101

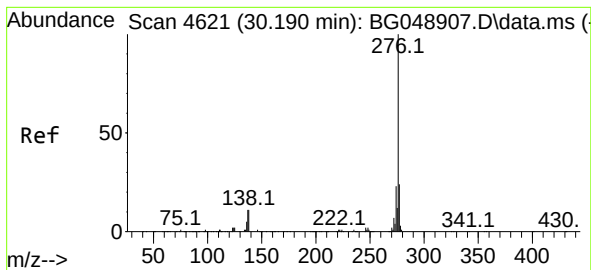
Ion Ratio Lower Upper

252 100

253 20.5 16.6 25.0

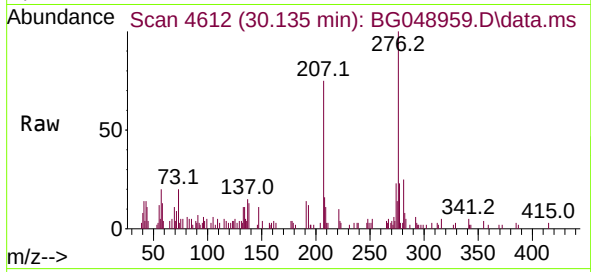
125 8.9 3.5 5.3#





#92
 Benzo(g,h,i)perylene
 Concen: 2.35 ng
 RT: 30.135 min Scan# 4612
 Delta R.T. -0.055 min
 Lab File: BG048959.D
 Acq: 14 Jun 2021 21:36

Instrument :
 BNA_G
 ClientSampleId :
 0205-COMP-F(DISCRETE-CL-05)



Tgt Ion:	276	Resp:	37530
Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.4	27.6
138	12.9	7.0	10.6#

