

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
 Data File : BG050579.D
 Acq On : 13 Oct 2021 20:56
 Operator : CG/JU
 Sample : M4180-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NYPD-69TH-WC-1

Quant Time: Oct 14 03:05:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

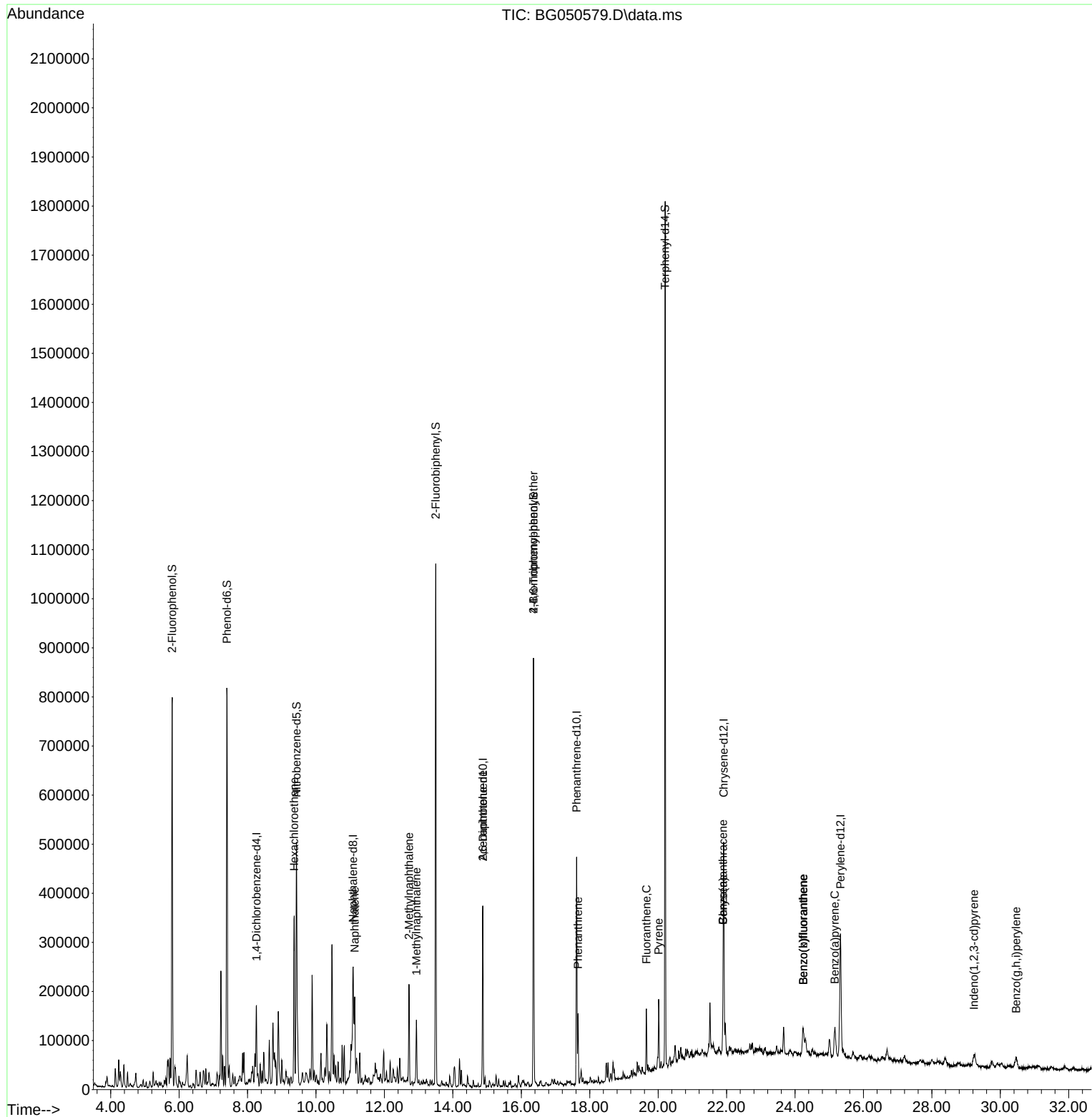
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	43639	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	182868	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	125817	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	278996	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	250351	20.000	ng	# 0.00
86) Perylene-d12	25.327	264	249648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	307973	105.544	ng	0.00
7) Phenol-d6	7.395	99	427588	101.212	ng	0.00
23) Nitrobenzene-d5	9.428	82	297452	67.334	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	125018	104.175	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	512072	61.254	ng	0.00
79) Terphenyl-d14	20.203	244	770341	59.966	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.389	77	2990	Below Cal	#	1
18) Hexachloroethane	9.363	117	29341	23.711	ng	# 1
31) Naphthalene	11.132	128	117624	12.017	ng	96
37) 2-Methylnaphthalene	12.718	142	92488	13.694	ng	95
38) 1-Methylnaphthalene	12.935	142	54368	8.302	ng	93
51) 2,6-Dinitrotoluene	14.874	165	17502	9.188	ng	# 11
67) 4-Bromophenyl-phenylether	16.355	248	10340	3.678	ng	# 1
71) Phenanthrene	17.659	178	86211	5.864	ng	97
75) Fluoranthene	19.657	202	81745	4.523	ng	93
78) Pyrene	20.015	202	84915	4.781	ng	98
81) Benzo(a)anthracene	21.895	228	44733	2.700	ng	97
83) Chrysene	21.895	228	44733	2.871	ng	95
87) Indeno(1,2,3-cd)pyrene	29.234	276	40134	2.308	ng	# 55
88) Benzo(b)fluoranthene	24.240	252	63777	4.171	ng	# 91
89) Benzo(k)fluoranthene	24.240	252	63777	4.240	ng	# 95
90) Benzo(a)pyrene	25.162	252	49800	3.831	ng	# 95
92) Benzo(g,h,i)perylene	30.468	276	42733	3.034	ng	# 87

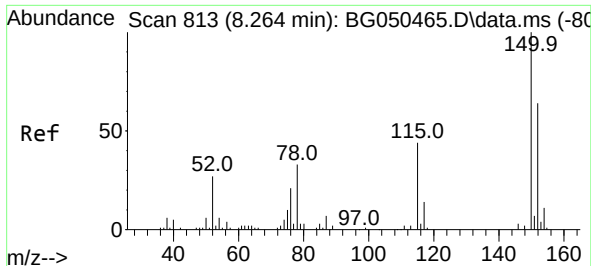
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050579.D
Acq On : 13 Oct 2021 20:56
Operator : CG/JU
Sample : M4180-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

Quant Time: Oct 14 03:05:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

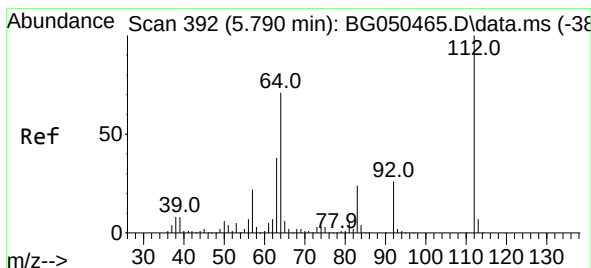
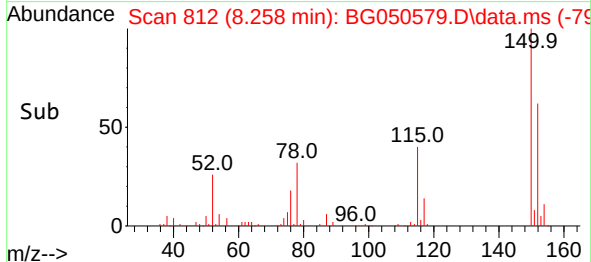
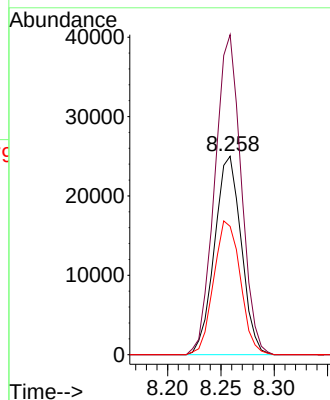
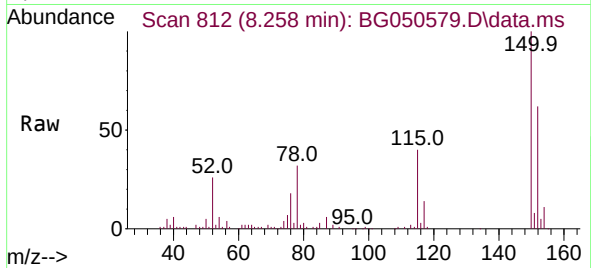




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

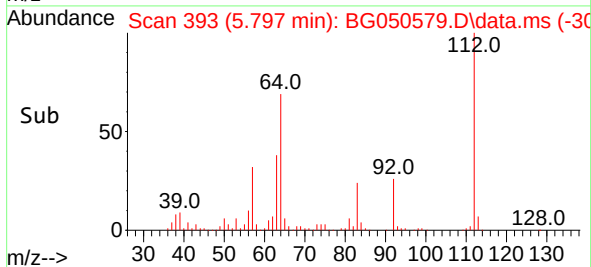
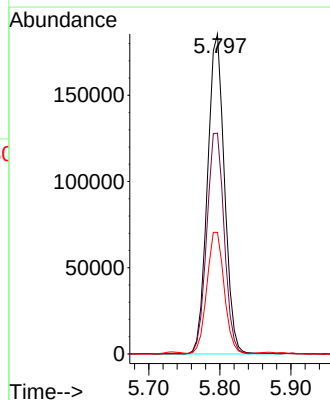
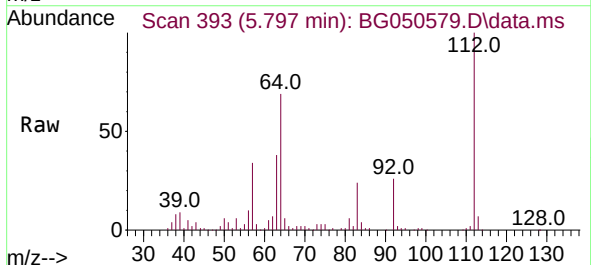
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

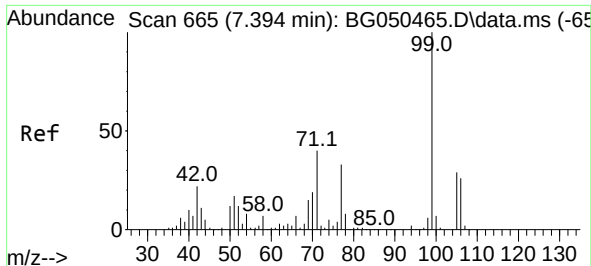
Tgt Ion:152 Resp: 43639
Ion Ratio Lower Upper
152 100
150 161.3 119.4 179.0
115 64.7 60.2 90.4



#5
2-Fluorophenol
Concen: 105.544 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:112 Resp: 307973
Ion Ratio Lower Upper
112 100
64 69.0 46.7 70.1
63 38.0 35.3 52.9

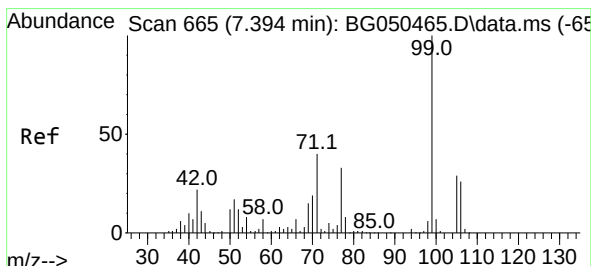
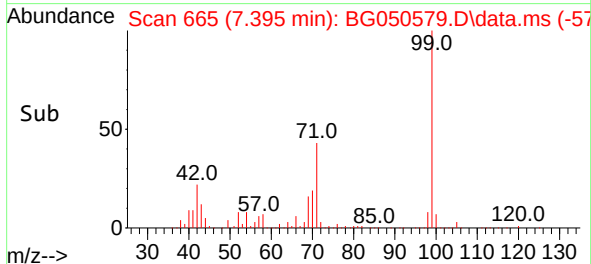
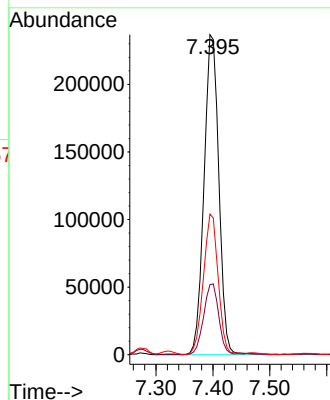
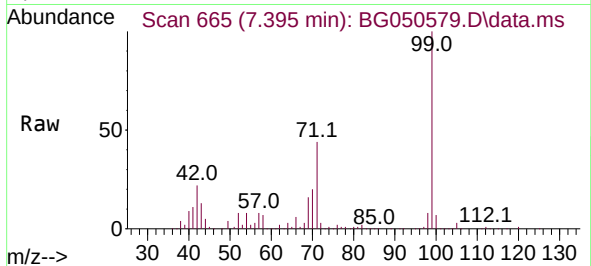




#7
Phenol-d6
Concen: 101.212 ng
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

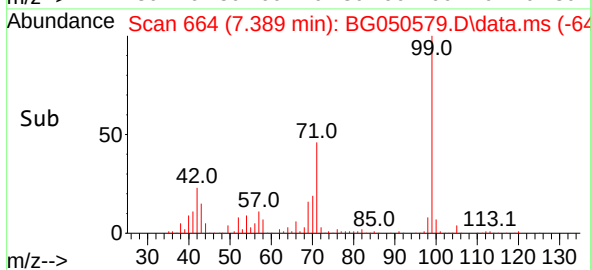
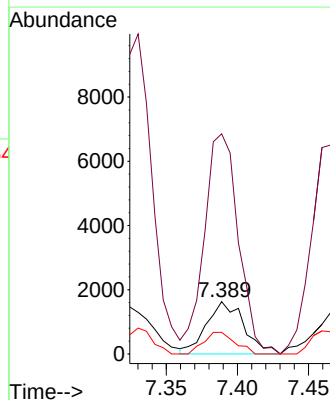
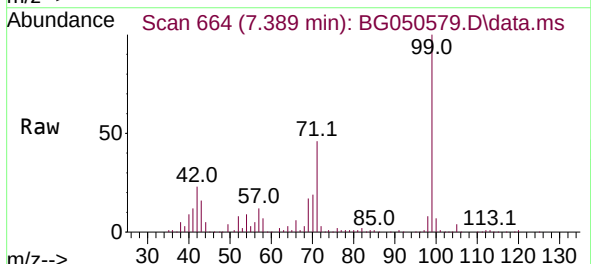
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

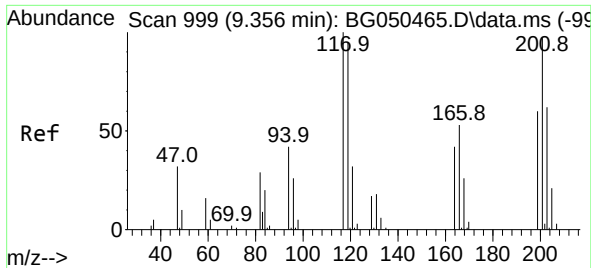
Tgt Ion: 99 Resp: 427588
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 43.9 41.5 62.3



#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion: 77 Resp: 2990
Ion Ratio Lower Upper
77 100
105 420.4 68.8 108.8#
106 41.3 47.9 87.9#

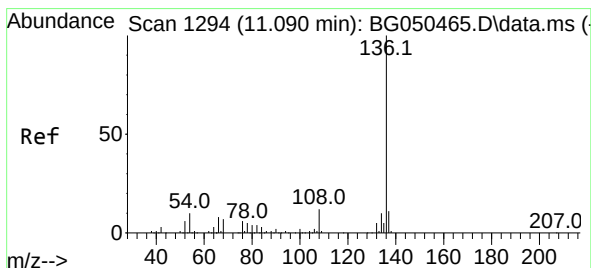
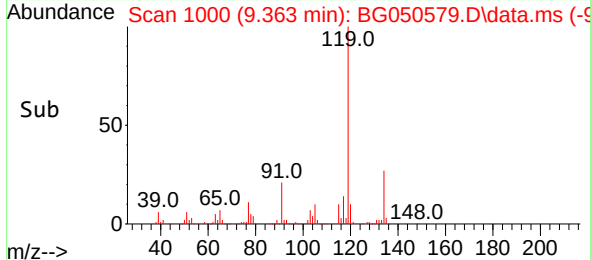
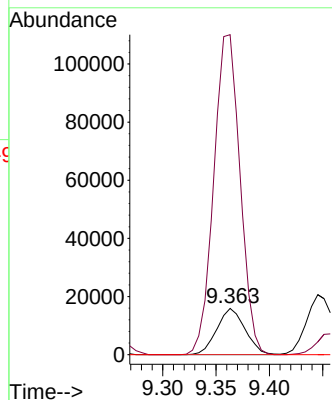
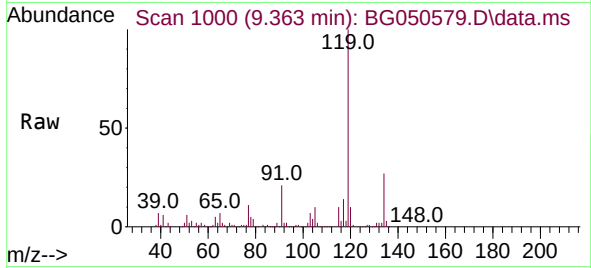




#18
Hexachloroethane
Concen: 23.711 ng
RT: 9.363 min Scan# 1000
Delta R.T. 0.007 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

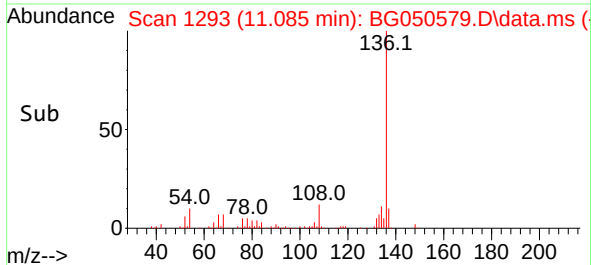
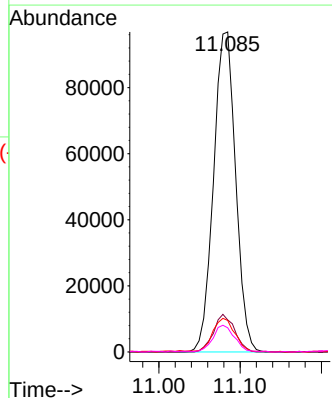
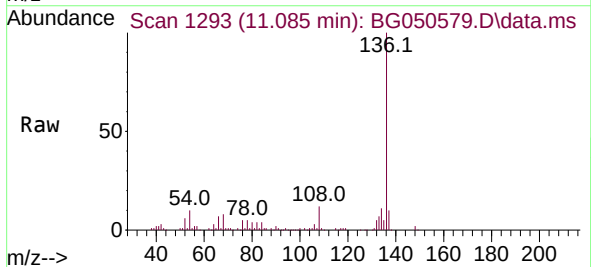
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

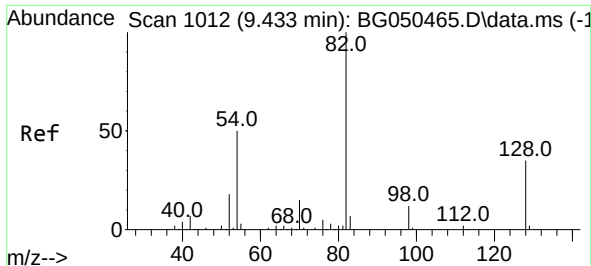
Tgt Ion:117 Resp: 29341
Ion Ratio Lower Upper
117 100
119 692.0 74.4 111.6#
201 0.0 88.6 133.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:136 Resp: 182868
Ion Ratio Lower Upper
136 100
137 10.0 8.2 12.2
54 9.9 5.5 8.3#
68 7.5 2.3 3.5#

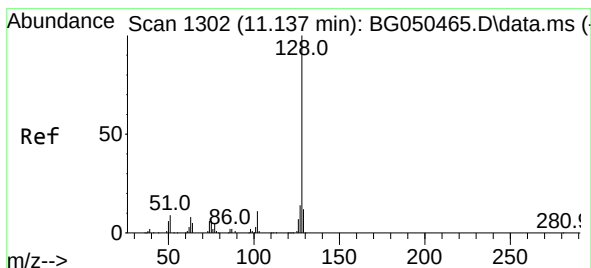
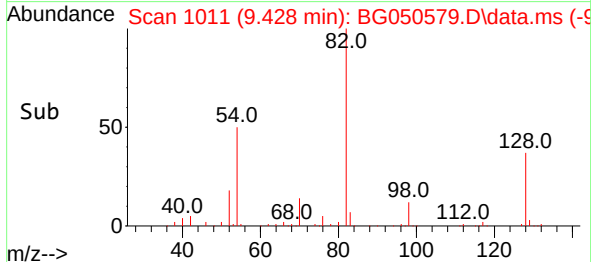
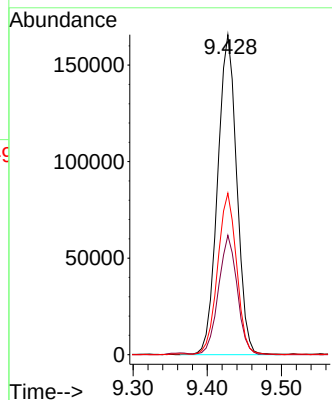
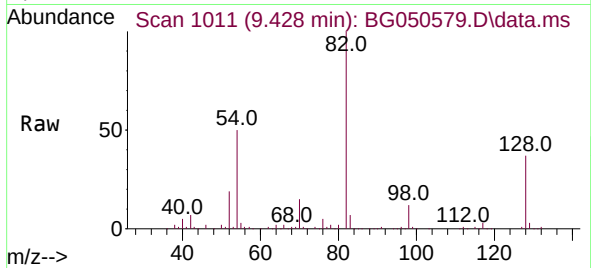




#23
Nitrobenzene-d5
Concen: 67.334 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

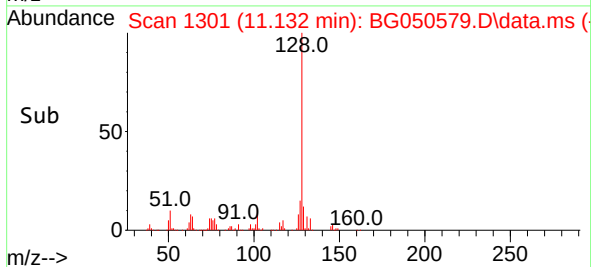
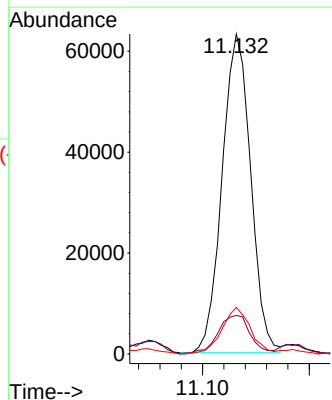
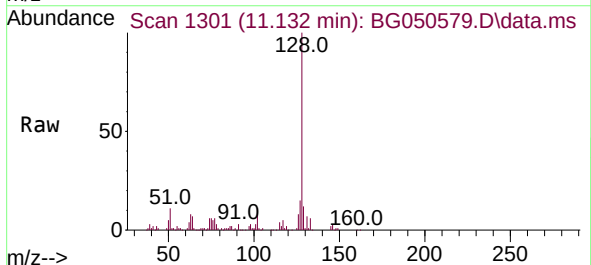
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

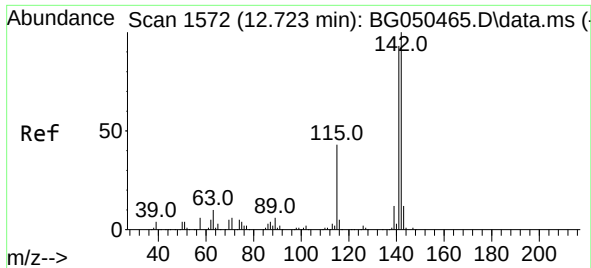
Tgt Ion: 82 Resp: 297452
Ion Ratio Lower Upper
82 100
128 37.3 29.8 44.6
54 50.5 45.8 68.8



#31
Naphthalene
Concen: 12.017 ng
RT: 11.132 min Scan# 1301
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion: 128 Resp: 117624
Ion Ratio Lower Upper
128 100
129 12.1 8.5 12.7
127 14.6 10.2 15.4

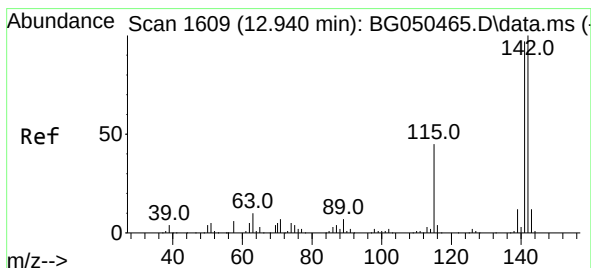
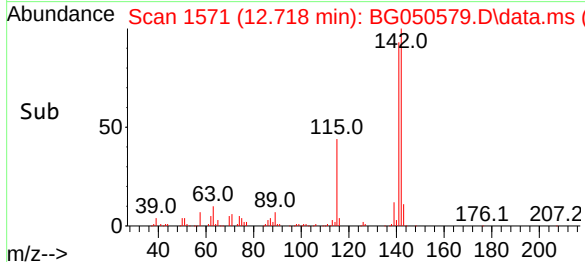
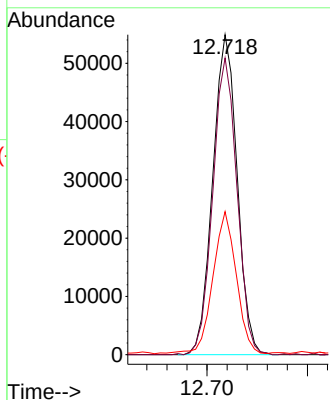
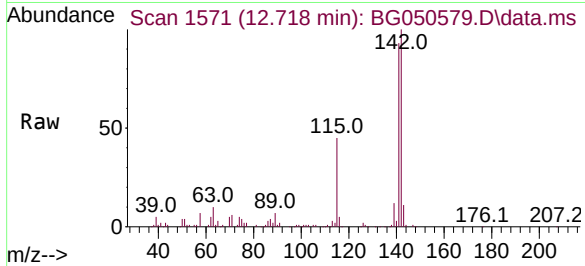




#37
2-Methylnaphthalene
Concen: 13.694 ng
RT: 12.718 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

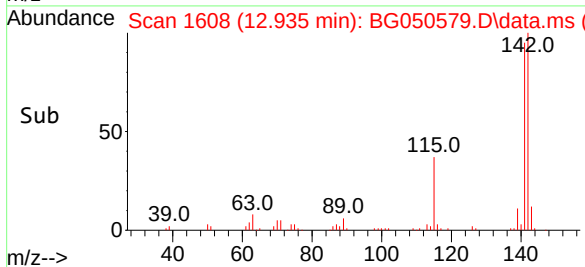
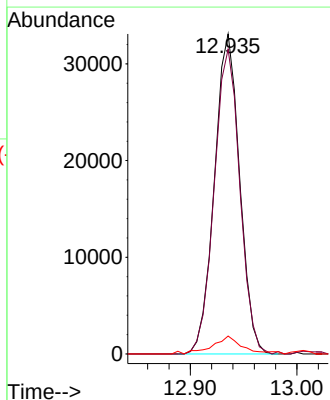
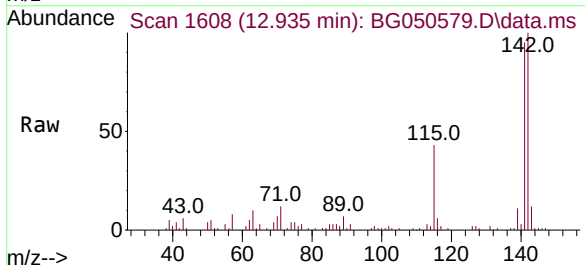
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

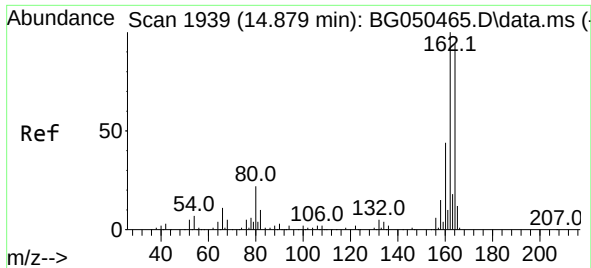
Tgt Ion:142 Resp: 92488
Ion Ratio Lower Upper
142 100
141 92.7 68.8 103.2
115 44.7 36.4 54.6



#38
1-Methylnaphthalene
Concen: 8.302 ng
RT: 12.935 min Scan# 1608
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:142 Resp: 54368
Ion Ratio Lower Upper
142 100
141 95.3 70.6 106.0
116 5.6 4.0 6.0

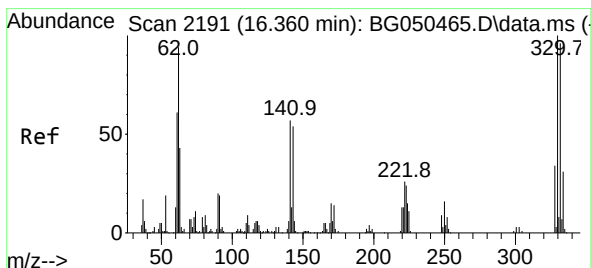
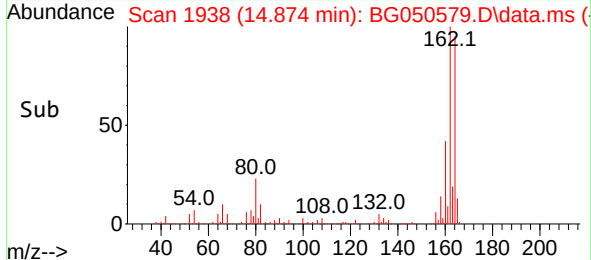
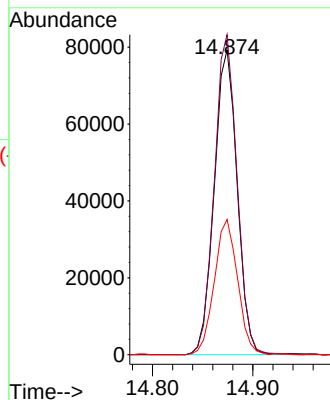
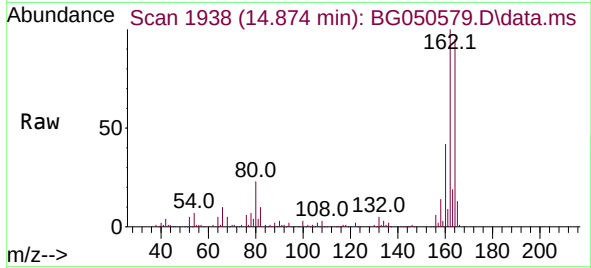




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

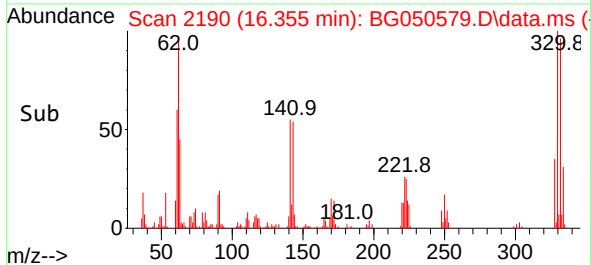
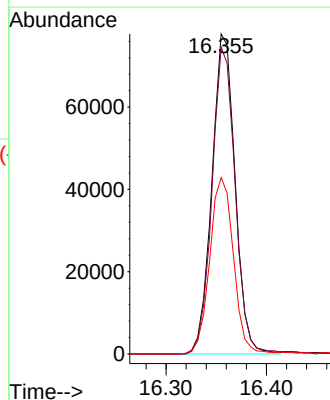
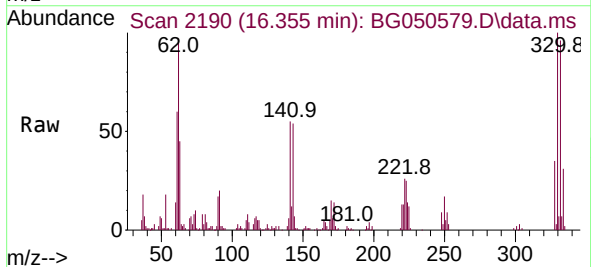
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

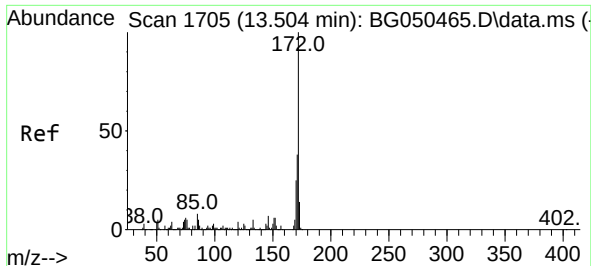
Tgt Ion:164 Resp: 125817
Ion Ratio Lower Upper
164 100
162 105.0 81.4 122.0
160 44.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 104.175 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:330 Resp: 125018
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 56.6 35.6 53.4#

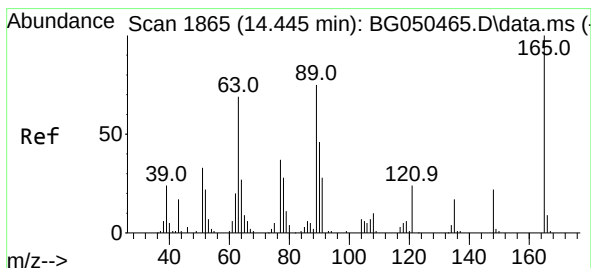
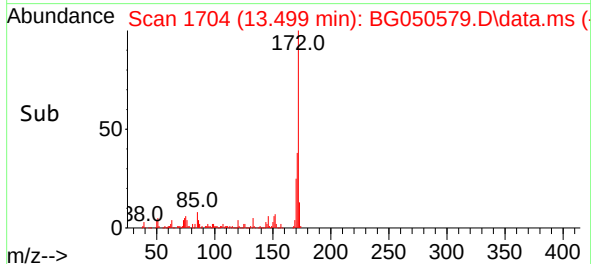
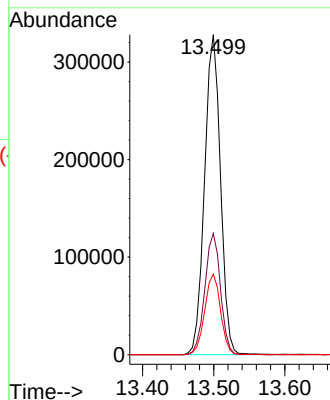
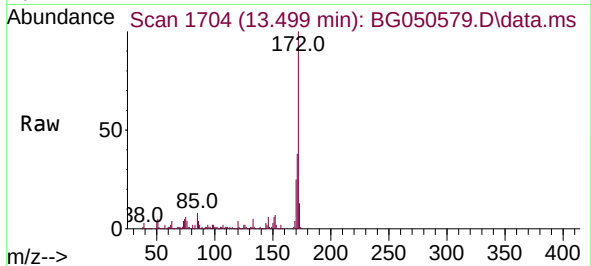




#45
2-Fluorobiphenyl
Concen: 61.254 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

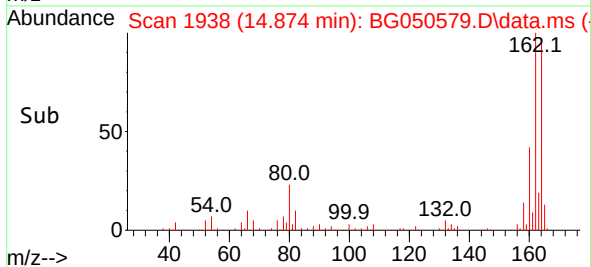
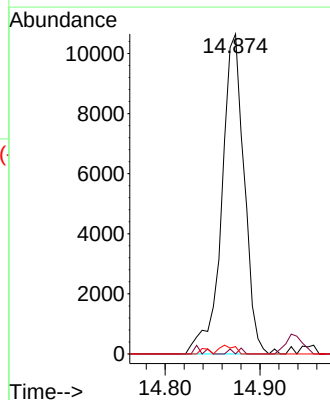
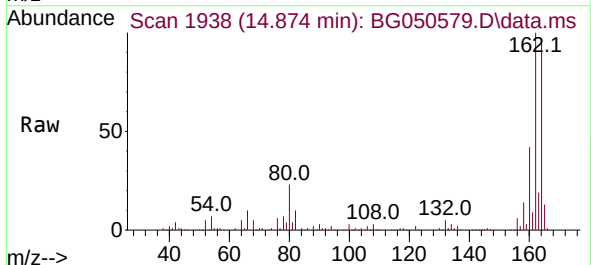
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

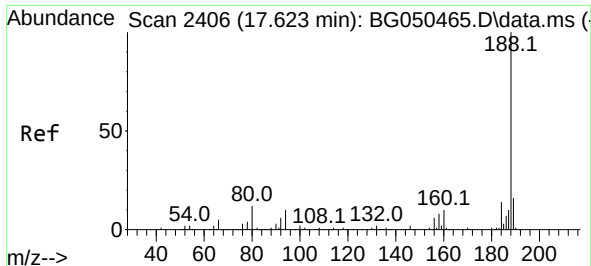
Tgt Ion:172 Resp: 512072
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 25.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.188 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

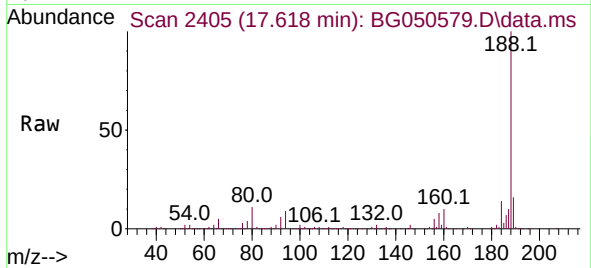
Tgt Ion:165 Resp: 17502
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.3 63.4 95.0#



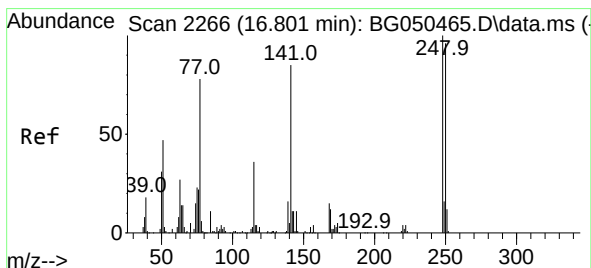
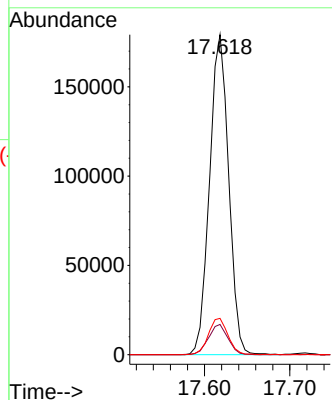
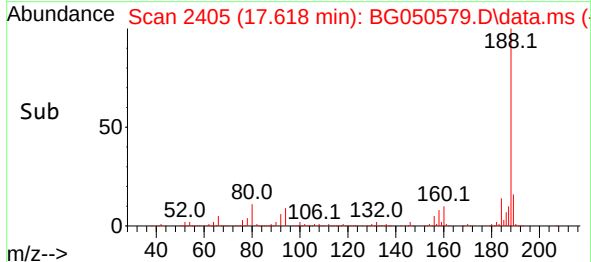


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

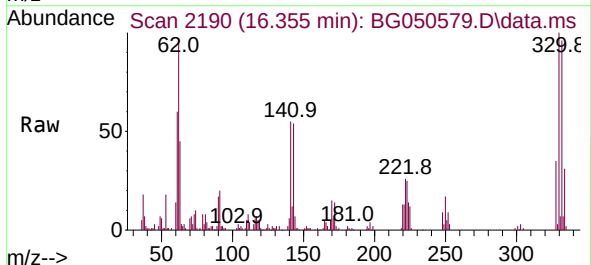
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1



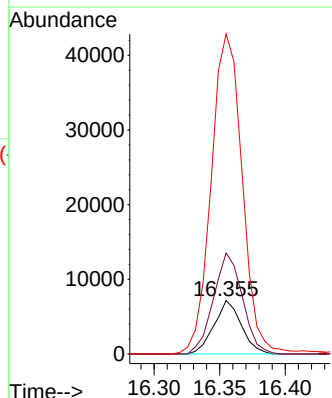
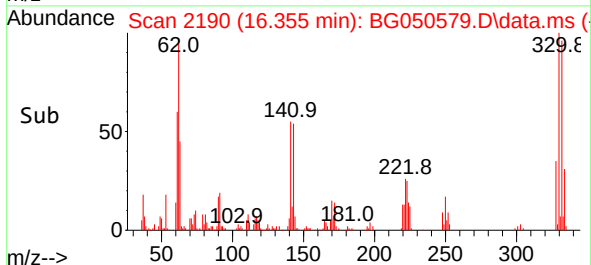
Tgt Ion:188 Resp: 278996
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 11.3 3.7 5.5#

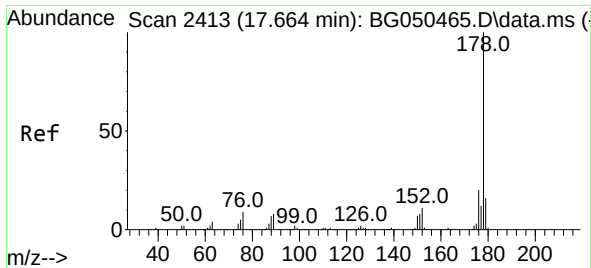


#67
4-Bromophenyl-phenylether
Concen: 3.678 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56



Tgt Ion:248 Resp: 10340
Ion Ratio Lower Upper
248 100
250 189.1 76.1 114.1#
141 599.2 65.4 98.2#

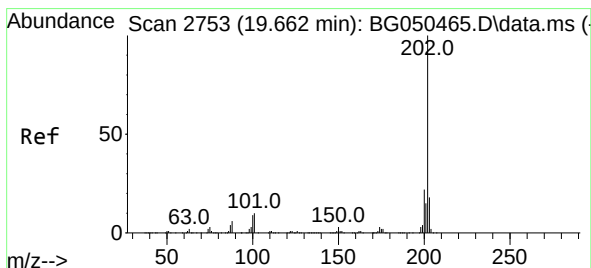
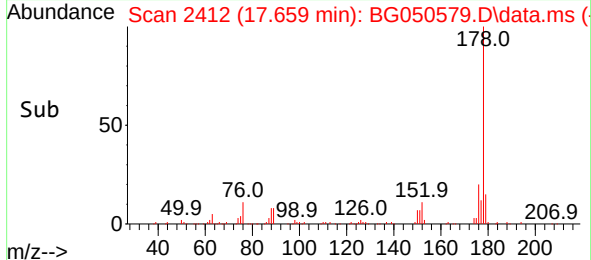
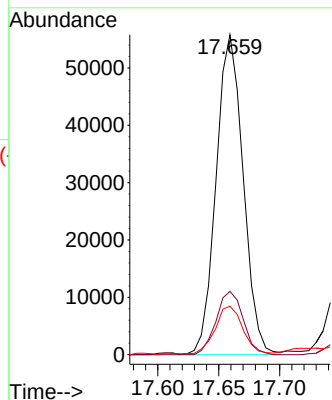
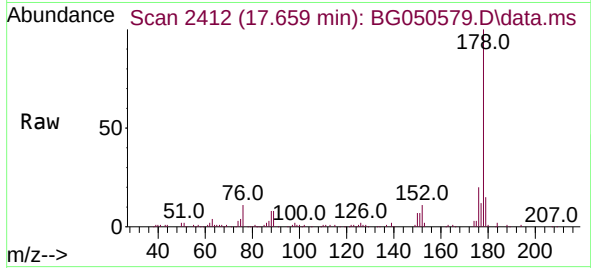




#71
Phenanthrene
Concen: 5.864 ng
RT: 17.659 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

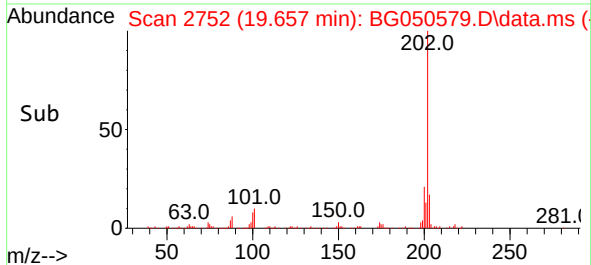
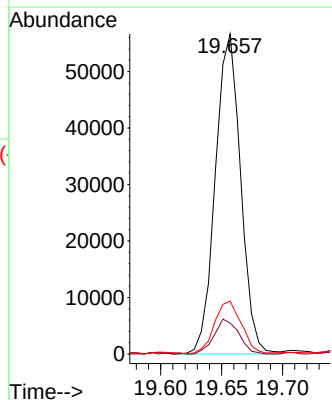
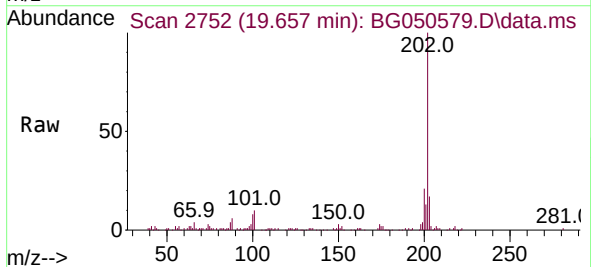
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

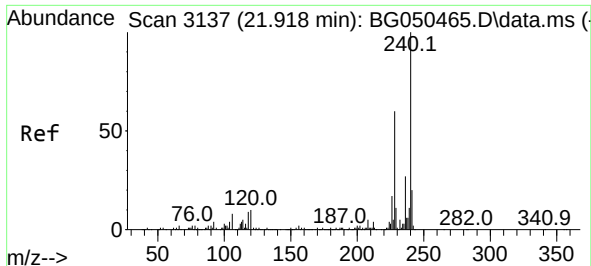
Tgt Ion:178 Resp: 86211
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.2 14.2 21.4



#75
Fluoranthene
Concen: 4.523 ng
RT: 19.657 min Scan# 2752
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:202 Resp: 81745
Ion Ratio Lower Upper
202 100
101 9.7 0.0 24.7
203 16.5 0.0 38.5

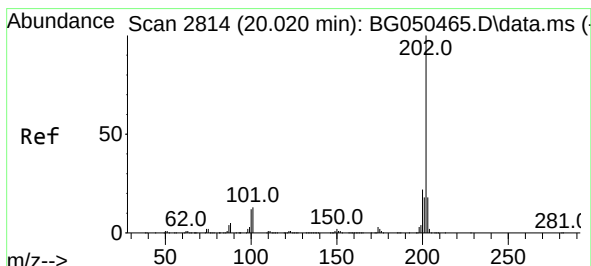
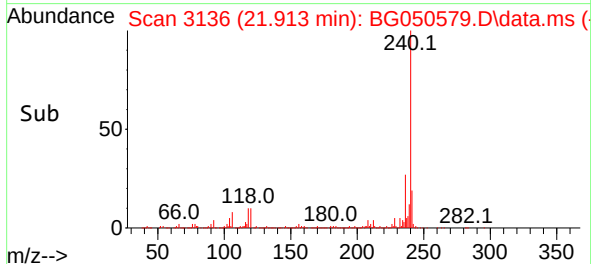
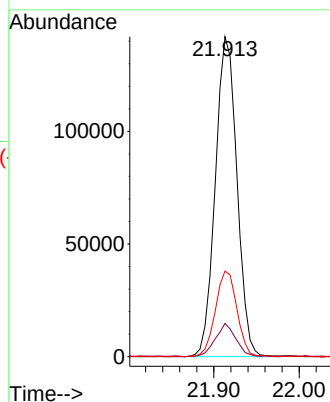
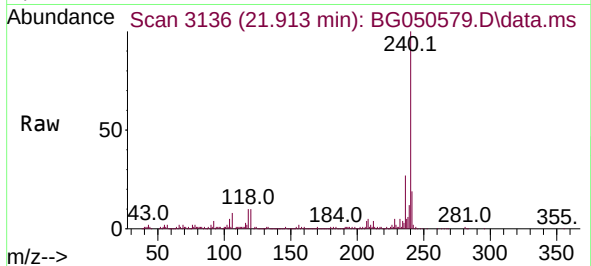




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

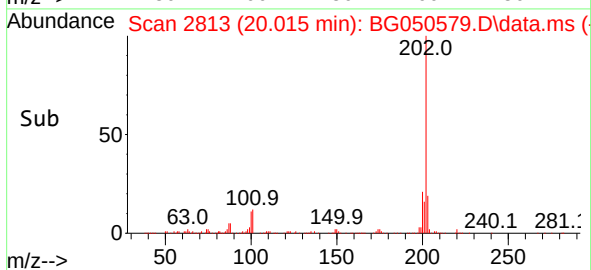
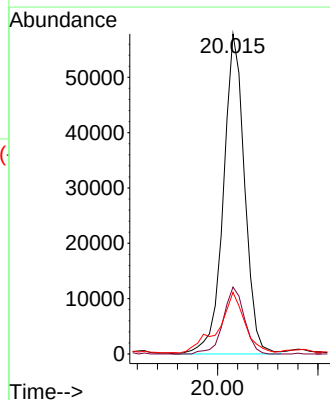
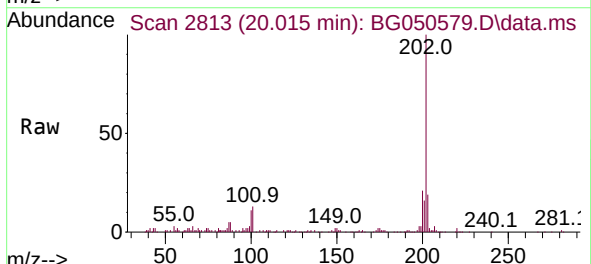
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

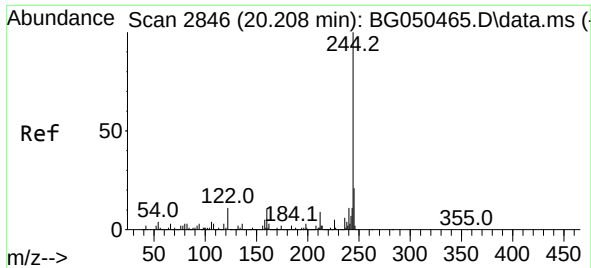
Tgt Ion:240 Resp: 250351
Ion Ratio Lower Upper
240 100
120 10.4 4.2 6.2#
236 26.8 21.8 32.6



#78
Pyrene
Concen: 4.781 ng
RT: 20.015 min Scan# 2813
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:202 Resp: 84915
Ion Ratio Lower Upper
202 100
200 20.9 15.8 23.8
203 19.2 14.6 21.8

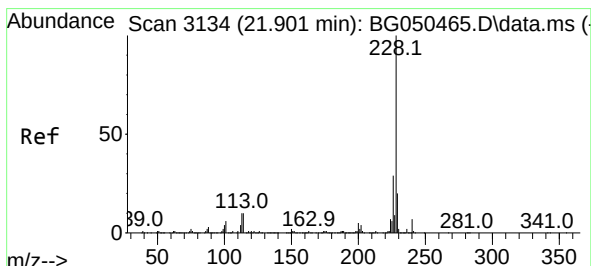
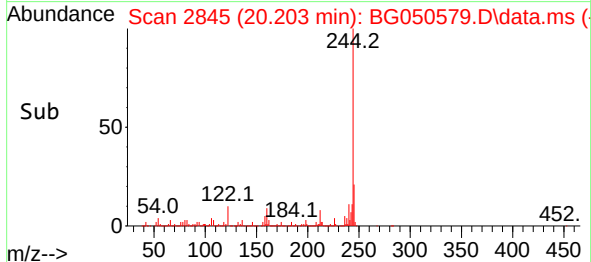
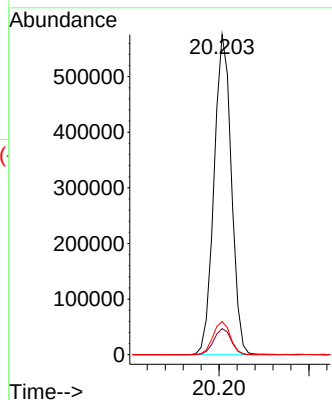
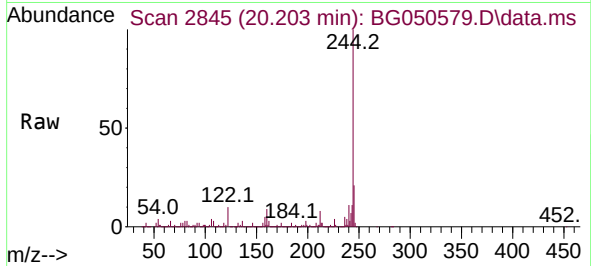




#79
 Terphenyl-d14
 Concen: 59.966 ng
 RT: 20.203 min Scan# 2845
 Delta R.T. -0.005 min
 Lab File: BG050579.D
 Acq: 13 Oct 2021 20:56

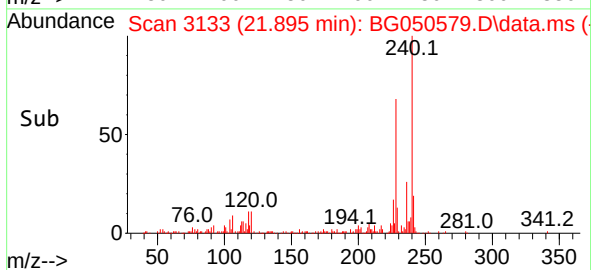
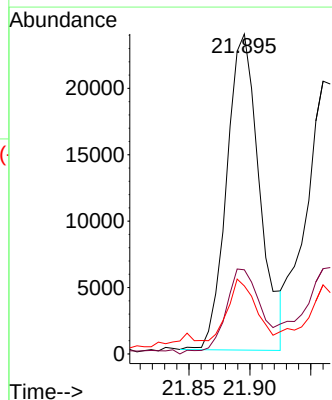
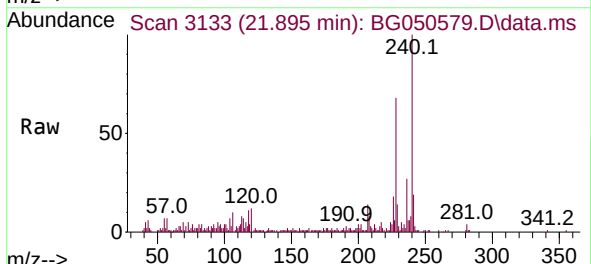
Instrument :
 BNA_G
 ClientSampleId :
 NYPD-69TH-WC-1

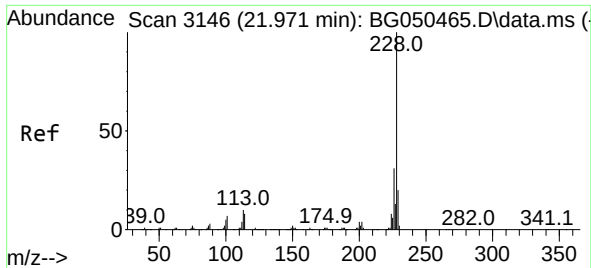
Tgt Ion:244 Resp: 770341
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 10.4 5.0 7.6#



#81
 Benzo(a)anthracene
 Concen: 2.700 ng
 RT: 21.895 min Scan# 3133
 Delta R.T. -0.005 min
 Lab File: BG050579.D
 Acq: 13 Oct 2021 20:56

Tgt Ion:228 Resp: 44733
 Ion Ratio Lower Upper
 228 100
 226 26.3 22.7 34.1
 229 21.3 16.0 24.0

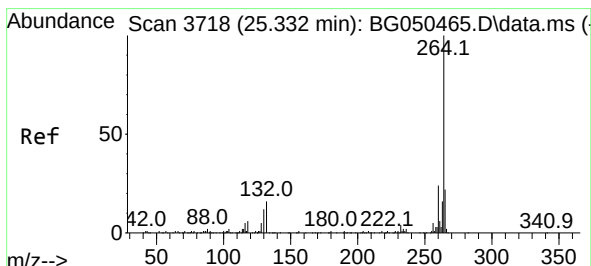
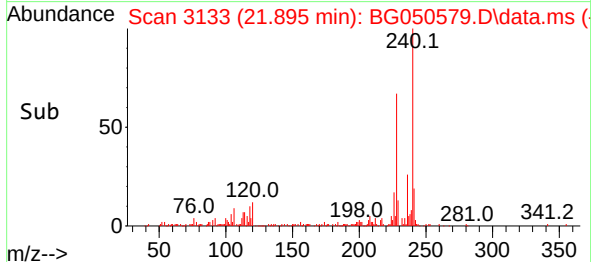
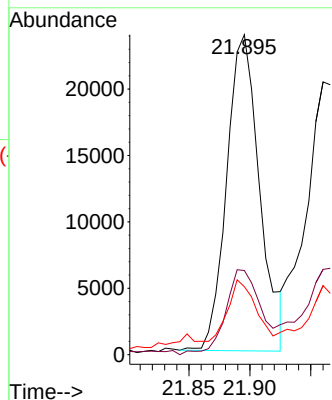
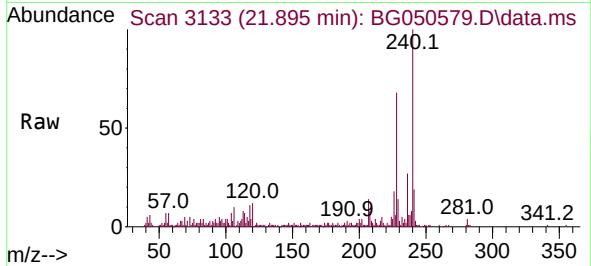




#83
Chrysene
Concen: 2.871 ng
RT: 21.895 min Scan# 3133
Delta R.T. -0.076 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

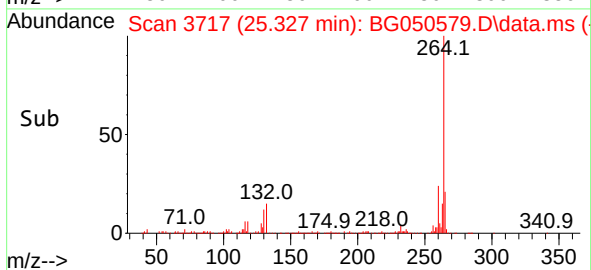
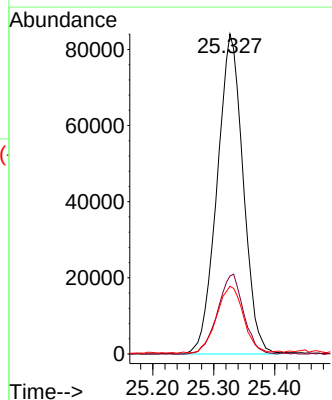
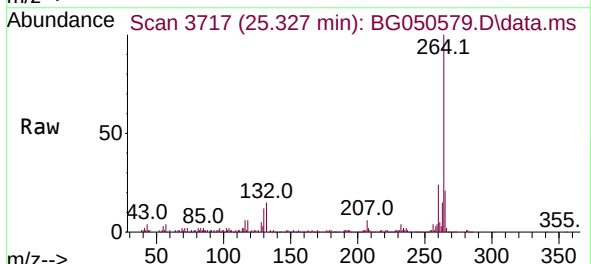
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

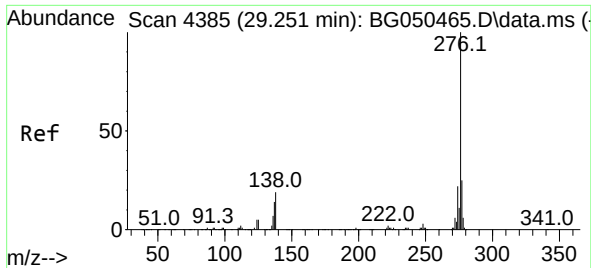
Tgt Ion:228 Resp: 44733
Ion Ratio Lower Upper
228 100
226 26.3 23.1 34.7
229 21.3 15.3 22.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:264 Resp: 249648
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.1 16.9 25.3

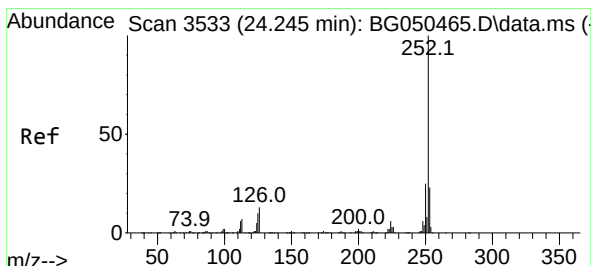
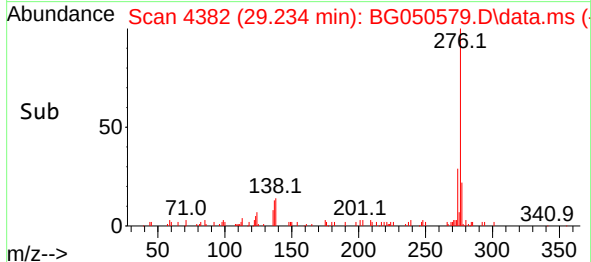
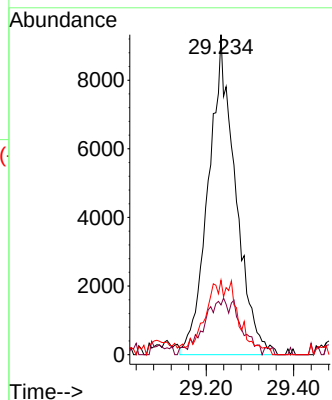
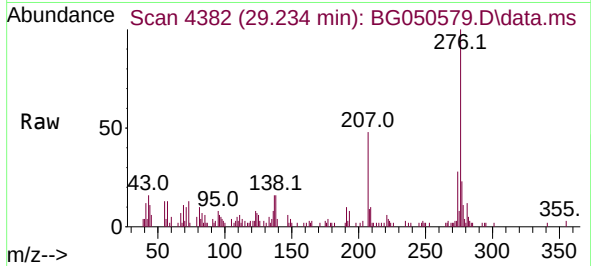




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.308 ng
RT: 29.234 min Scan# 4382
Delta R.T. -0.017 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

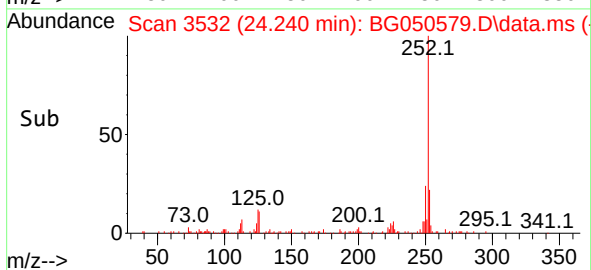
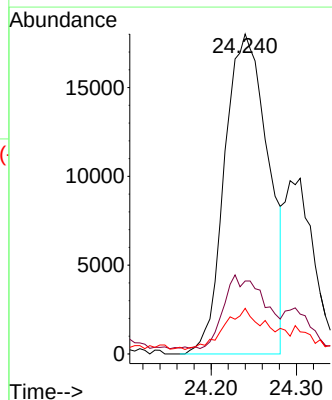
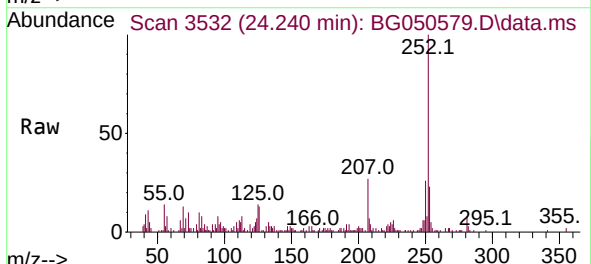
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

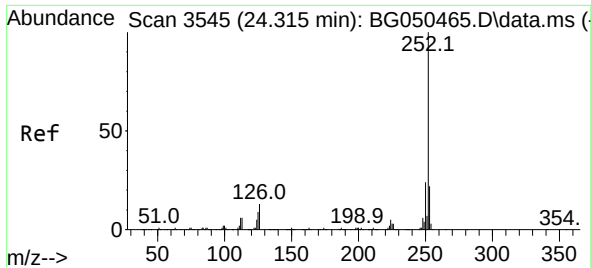
Tgt Ion:276 Resp: 40134
Ion Ratio Lower Upper
276 100
138 15.6 5.1 7.7#
277 0.0 19.8 29.6#



#88
Benzo(b)fluoranthene
Concen: 4.171 ng
RT: 24.240 min Scan# 3532
Delta R.T. -0.005 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:252 Resp: 63777
Ion Ratio Lower Upper
252 100
253 22.8 16.2 24.4
125 14.2 3.0 4.4#

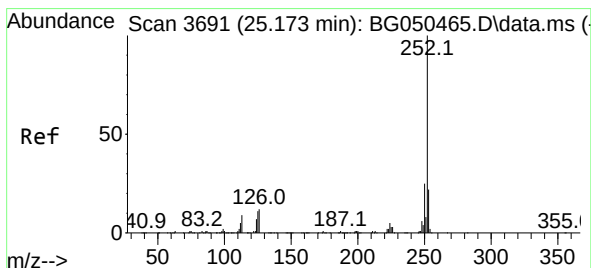
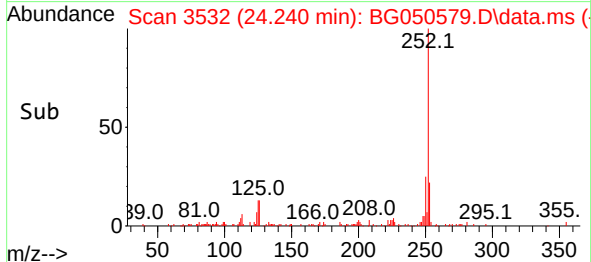
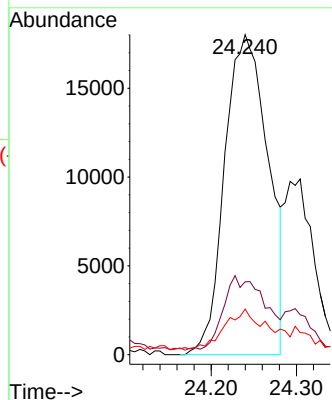
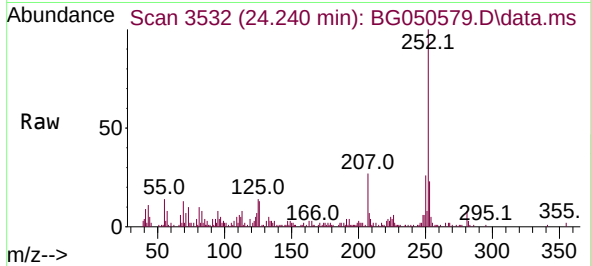




#89
Benzo(k)fluoranthene
Concen: 4.240 ng
RT: 24.240 min Scan# 3532
Delta R.T. -0.076 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

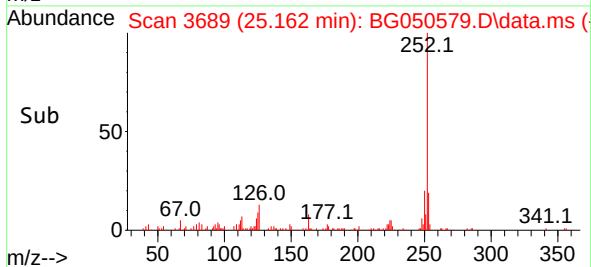
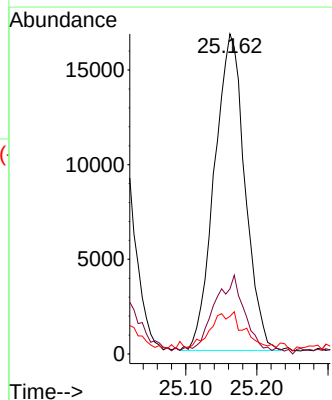
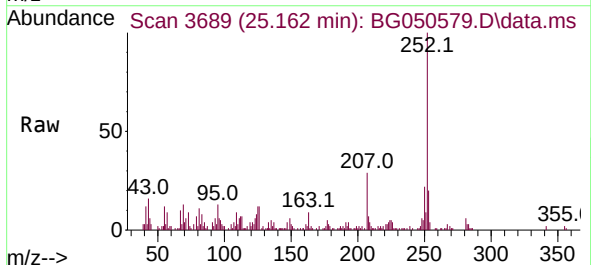
Instrument :
BNA_G
ClientSampleId :
NYPD-69TH-WC-1

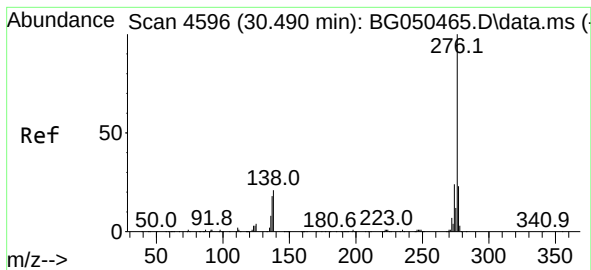
Tgt Ion:252 Resp: 63777
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 14.2 3.1 4.7#



#90
Benzo(a)pyrene
Concen: 3.831 ng
RT: 25.162 min Scan# 3689
Delta R.T. -0.011 min
Lab File: BG050579.D
Acq: 13 Oct 2021 20:56

Tgt Ion:252 Resp: 49800
Ion Ratio Lower Upper
252 100
253 20.4 16.6 25.0
125 11.8 3.5 5.3#





#92

Benzo(g,h,i)perylene

Concen: 3.034 ng

RT: 30.468 min Scan# 4592

Delta R.T. -0.023 min

Lab File: BG050579.D

Acq: 13 Oct 2021 20:56

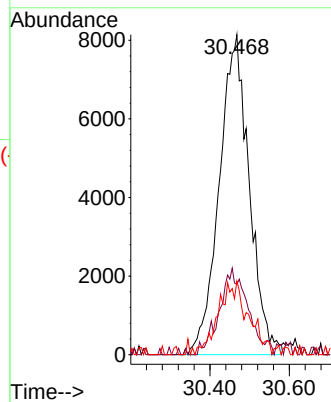
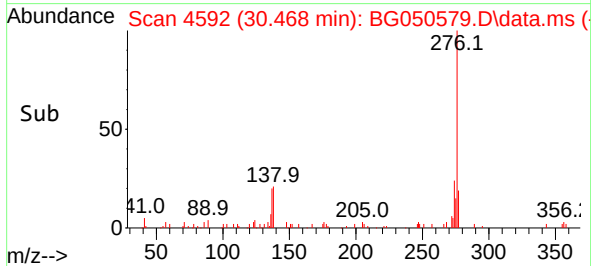
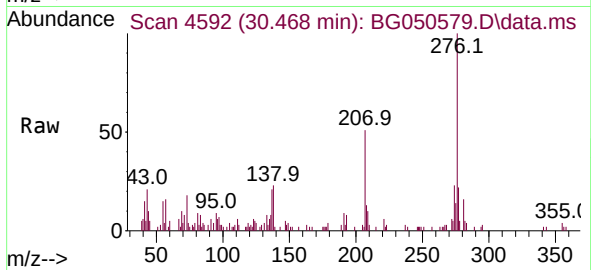
Tgt Ion:276 Resp: 42733

Ion Ratio Lower Upper

276 100

277 21.9 18.4 27.6

138 23.0 7.0 10.6#



Instrument :

BNA_G

ClientSampleId :

NYPD-69TH-WC-1