

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051055.D
 Acq On : 16 Nov 2021 00:11
 Operator : CG/JU
 Sample : M4687-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VWE-B35-111221-0-10

Quant Time: Nov 16 02:23:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

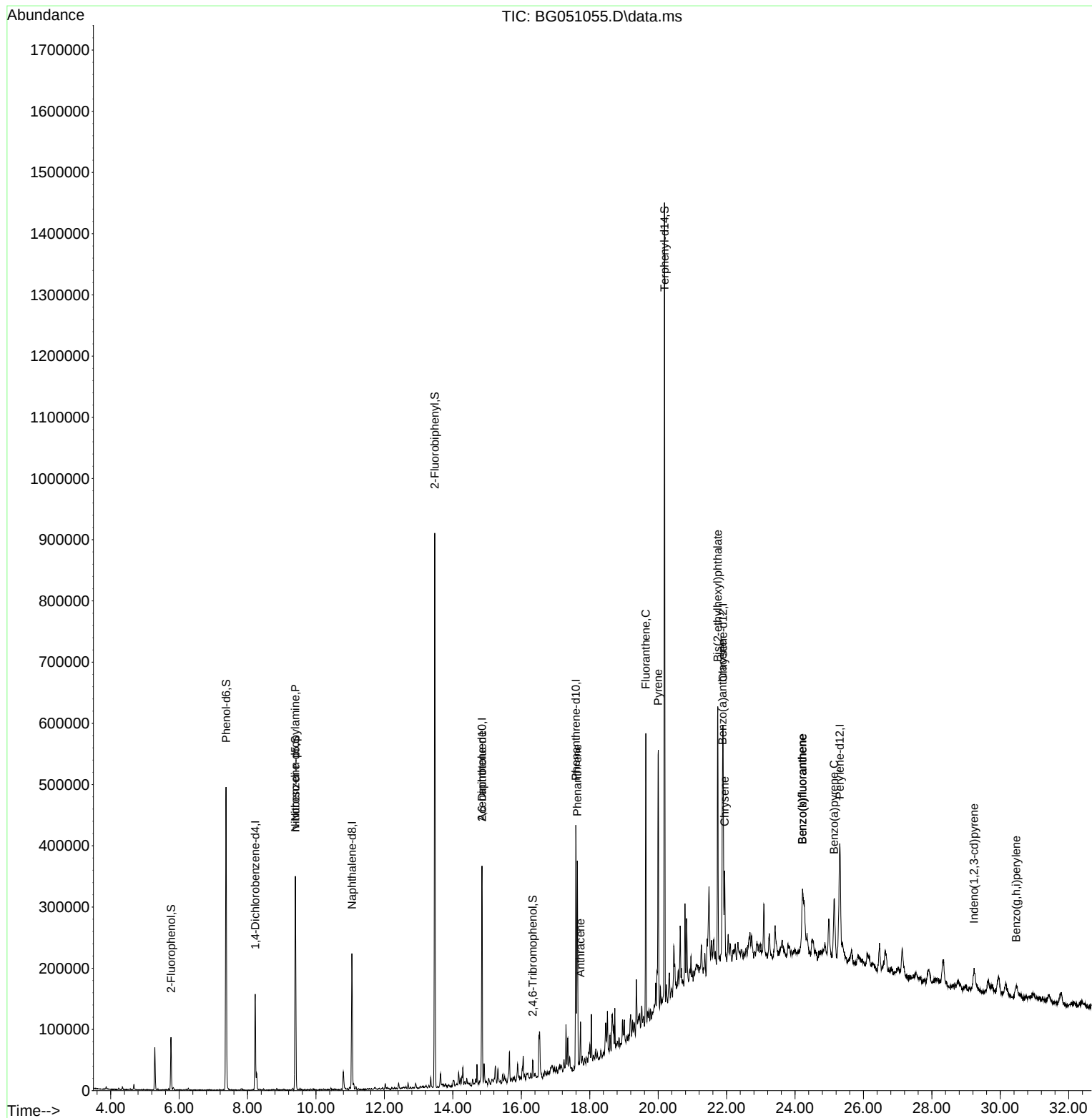
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	42806	20.000	ng	0.00
21) Naphthalene-d8	11.050	136	189765	20.000	ng	# 0.00
39) Acenaphthene-d10	14.852	164	122927	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	239677	20.000	ng	# 0.00
76) Chrysene-d12	21.896	240	209513	20.000	ng	# 0.00
86) Perylene-d12	25.310	264	209760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	37982	13.273	ng	0.00
7) Phenol-d6	7.372	99	290776	71.993	ng	0.00
23) Nitrobenzene-d5	9.399	82	232474	54.229	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	3085	2.508	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	457079	58.750	ng	0.00
79) Terphenyl-d14	20.186	244	601435	52.526	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.399	70	32741	10.969	ng	# 70
51) 2,6-Dinitrotoluene	14.852	165	16742	8.411	ng	# 11
71) Phenanthrene	17.636	178	203006	15.879	ng	97
72) Anthracene	17.730	178	45295	3.562	ng	99
75) Fluoranthene	19.640	202	291970	18.615	ng	96
78) Pyrene	20.004	202	277349	17.646	ng	99
81) Benzo(a)anthracene	21.879	228	123771	8.603	ng	96
83) Chrysene	21.943	228	108703	8.010	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.743	149	172490	18.132	ng	# 96
87) Indeno(1,2,3-cd)pyrene	29.235	276	58138	3.905	ng	# 90
88) Benzo(b)fluoranthene	24.217	252	140898	10.671	ng	# 87
89) Benzo(k)fluoranthene	24.217	252	140898	10.699	ng	# 92
90) Benzo(a)pyrene	25.145	252	106413	9.440	ng	# 91
92) Benzo(g,h,i)perylene	30.463	276	57507	4.767	ng	# 93

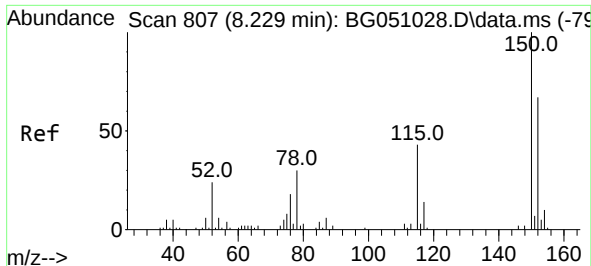
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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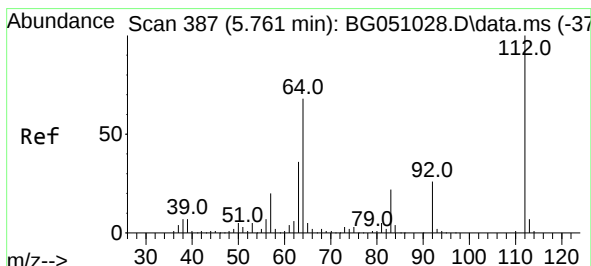
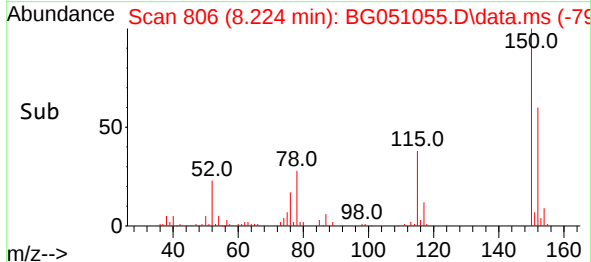
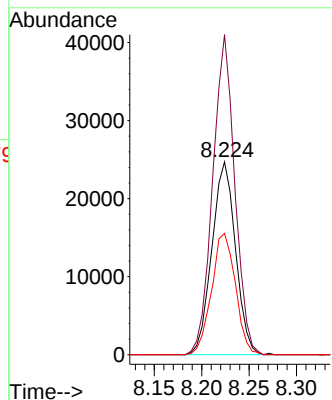
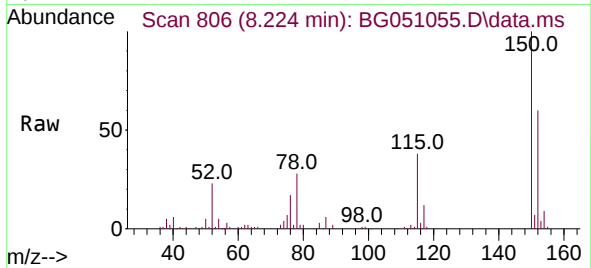




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 807
Delta R.T. -0.005 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

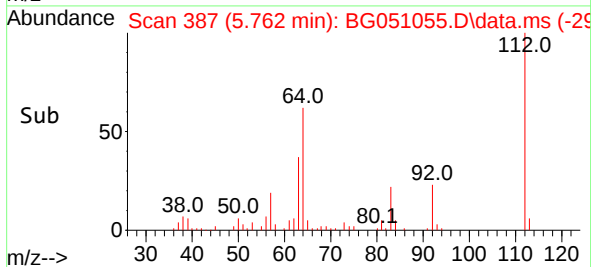
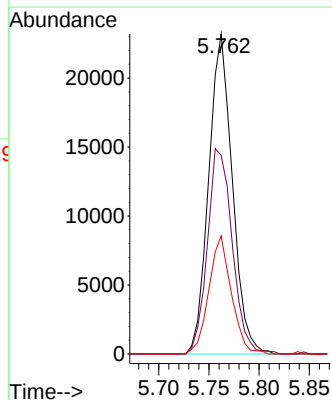
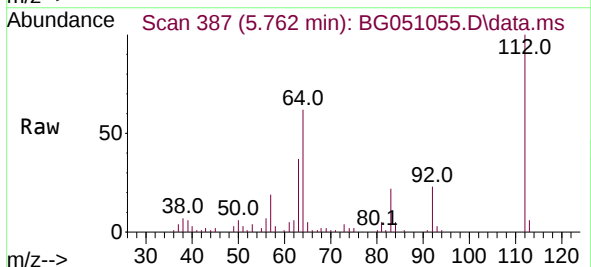
Instrument :
BNA_G
ClientSampleId :
VWE-B35-111221-0-10

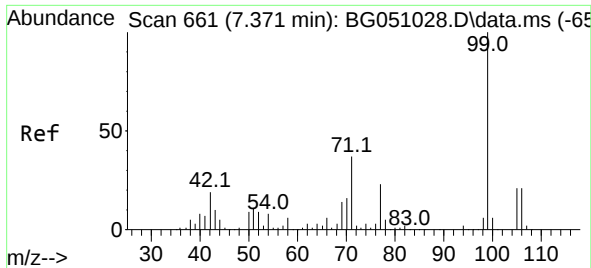
Tgt Ion:152 Resp: 42806
Ion Ratio Lower Upper
152 100
150 166.0 119.4 179.0
115 62.9 60.2 90.4



#5
2-Fluorophenol
Concen: 13.273 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

Tgt Ion:112 Resp: 37982
Ion Ratio Lower Upper
112 100
64 62.1 46.7 70.1
63 36.9 35.3 52.9

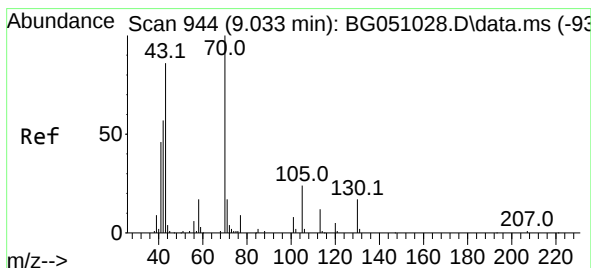
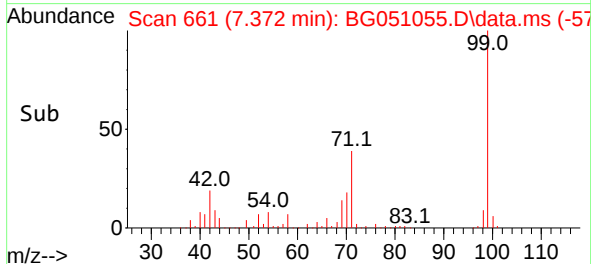
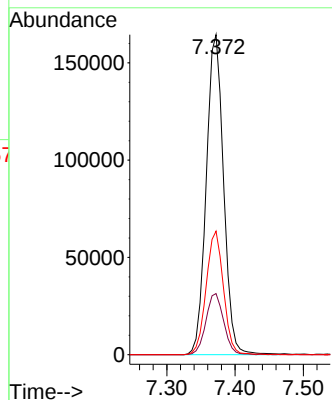
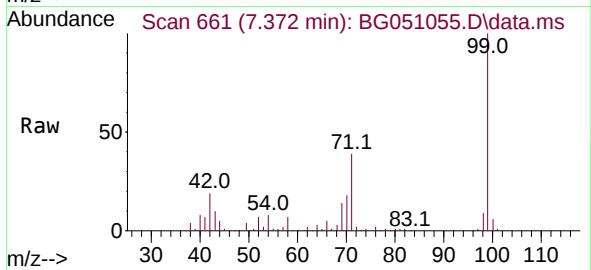




#7
Phenol-d6
Concen: 71.993 ng
RT: 7.372 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

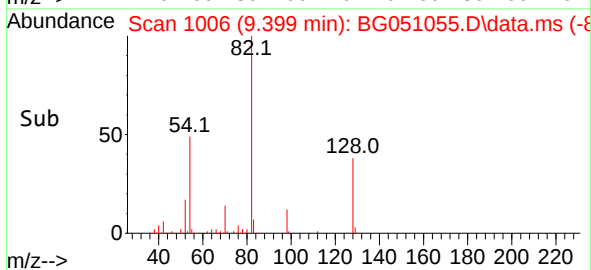
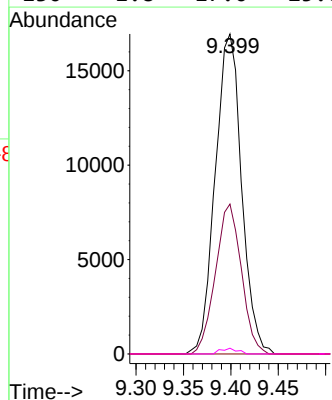
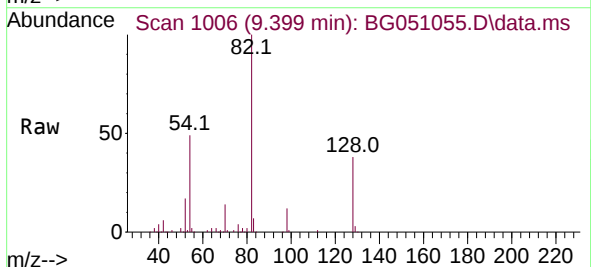
Instrument :
BNA_G
ClientSampleId :
VWE-B35-111221-0-10

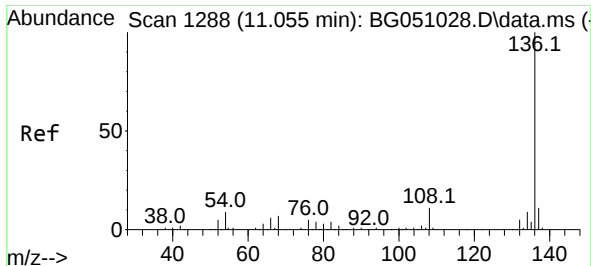
Tgt Ion: 99 Resp: 290776
Ion Ratio Lower Upper
99 100
42 19.1 20.5 30.7#
71 38.6 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 10.969 ng
RT: 9.399 min Scan# 1006
Delta R.T. 0.366 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

Tgt Ion: 70 Resp: 32741
Ion Ratio Lower Upper
70 100
42 46.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

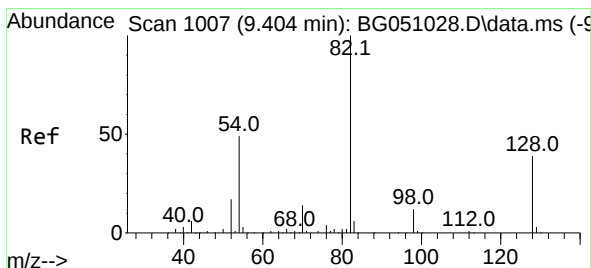
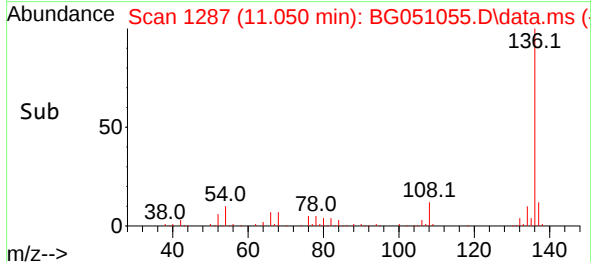
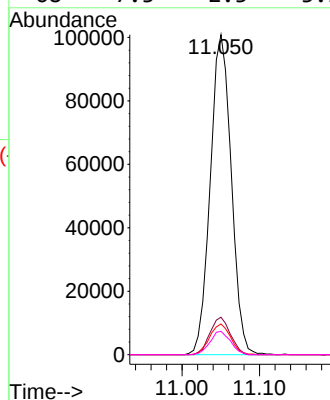
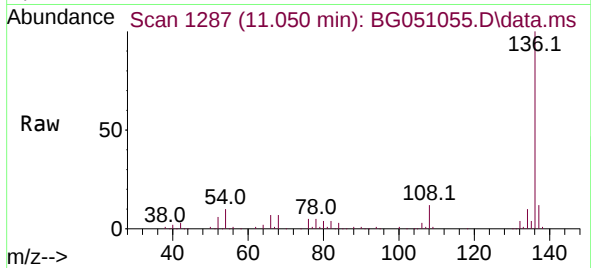




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

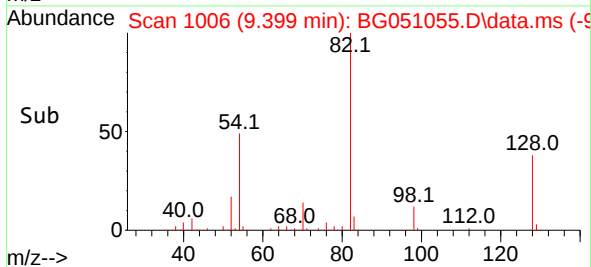
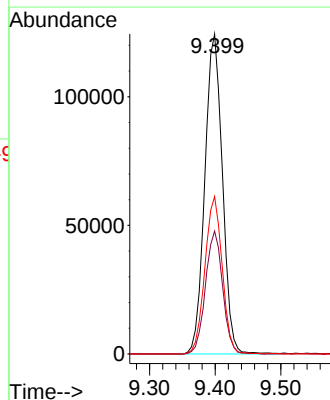
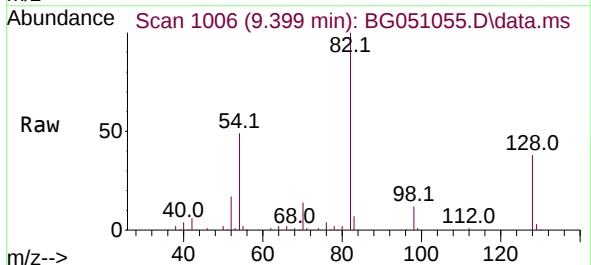
Instrument :
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ClientSampleId :
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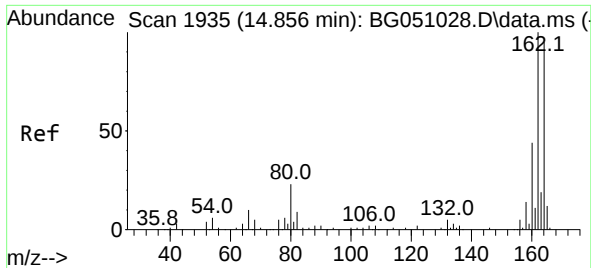
Tgt Ion:136	Resp: 189765
Ion Ratio	Lower Upper
136	100
137	11.7 8.2 12.2
54	9.6 5.5 8.3#
68	7.3 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 54.229 ng
RT: 9.399 min Scan# 1006
Delta R.T. -0.005 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

Tgt Ion: 82	Resp: 232474
Ion Ratio	Lower Upper
82	100
128	38.4 29.8 44.6
54	49.2 45.8 68.8

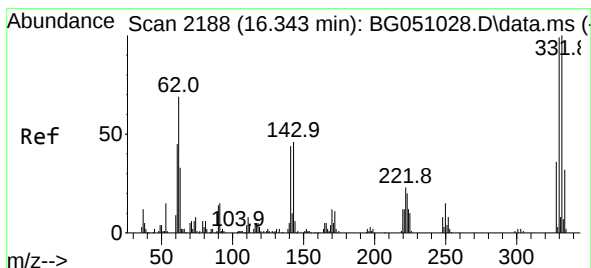
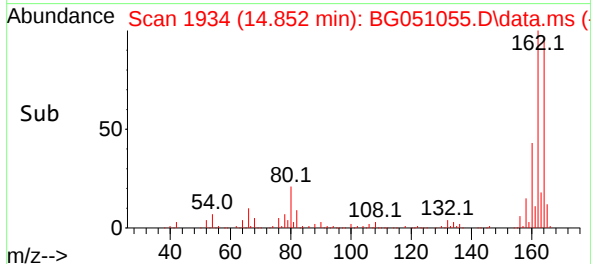
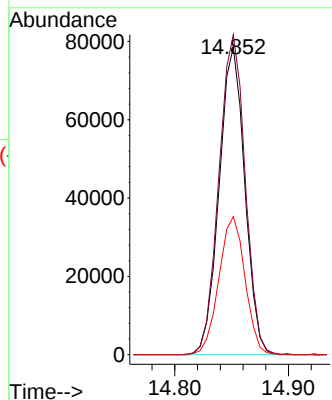
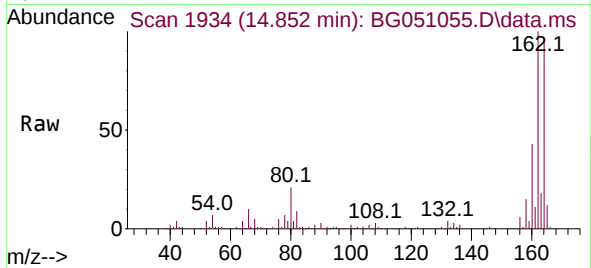




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.852 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

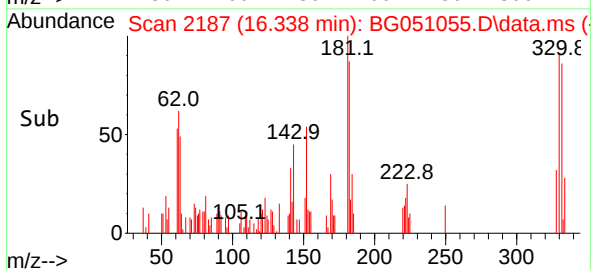
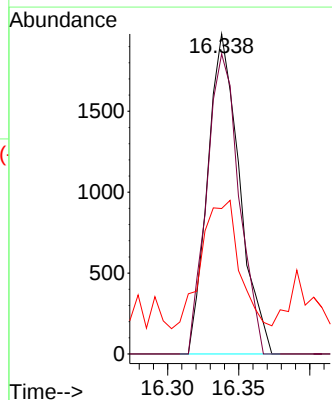
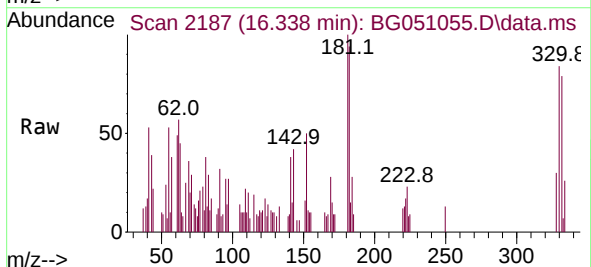
Instrument :
BNA_G
ClientSampleId :
VWE-B35-111221-0-10

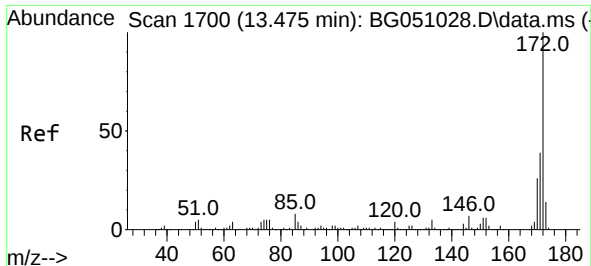
Tgt Ion:164 Resp: 122927
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 44.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 2.508 ng
RT: 16.338 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

Tgt Ion:330 Resp: 3085
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 58.4 35.6 53.4#

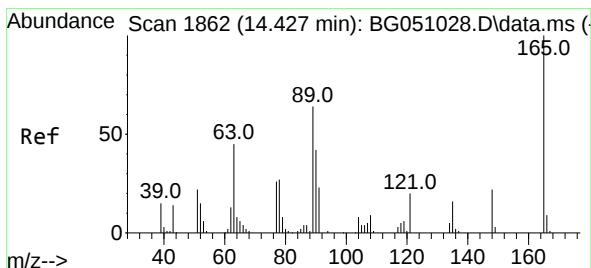
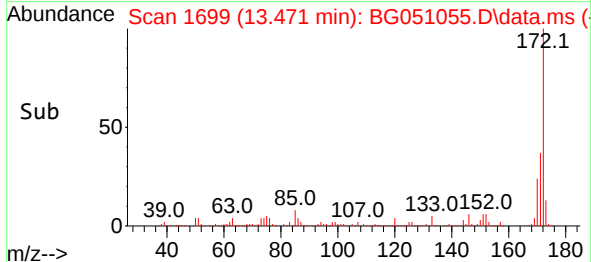
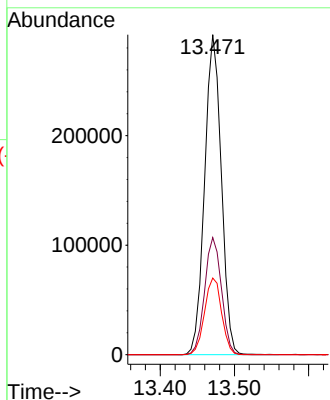
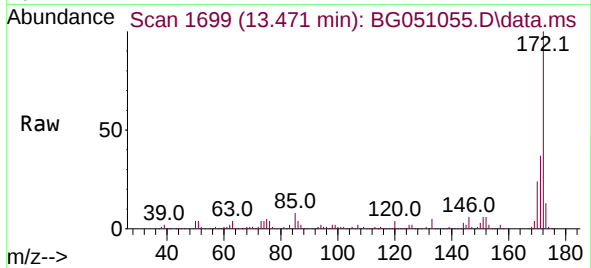




#45
2-Fluorobiphenyl
Concen: 58.750 ng
RT: 13.471 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

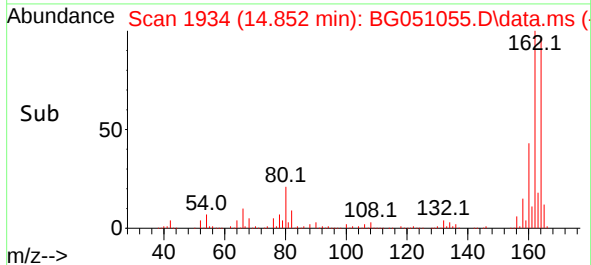
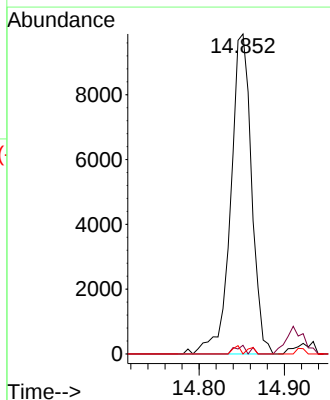
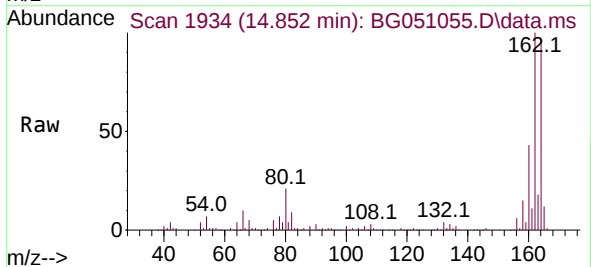
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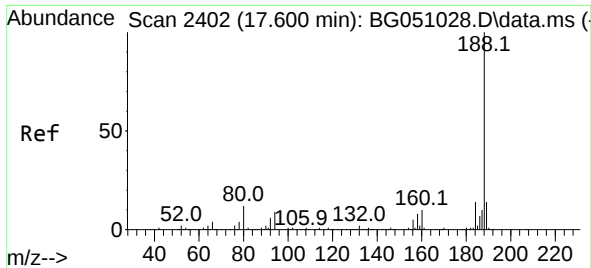
Tgt Ion:172 Resp: 457079
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 23.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.411 ng
RT: 14.852 min Scan# 1934
Delta R.T. 0.425 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

Tgt Ion:165 Resp: 16742
Ion Ratio Lower Upper
165 100
63 2.7 63.3 94.9#
89 0.0 63.4 95.0#

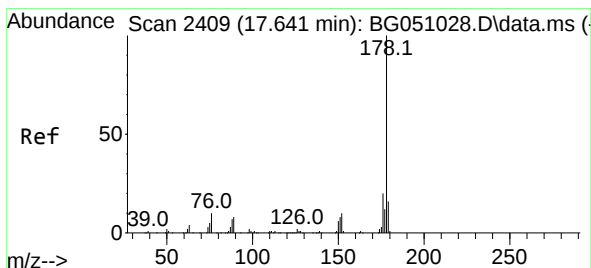
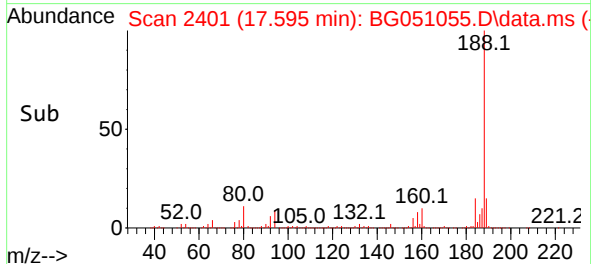
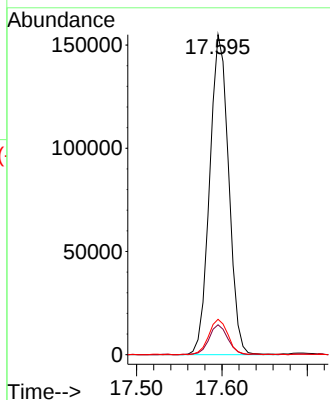
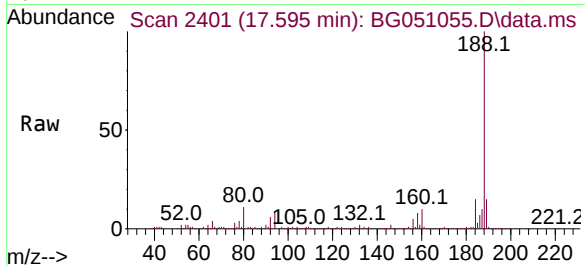




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.595 min Scan# 2401
Delta R.T. -0.005 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

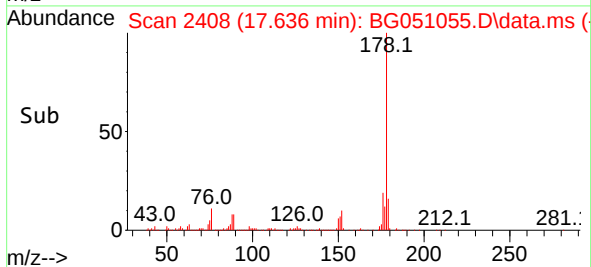
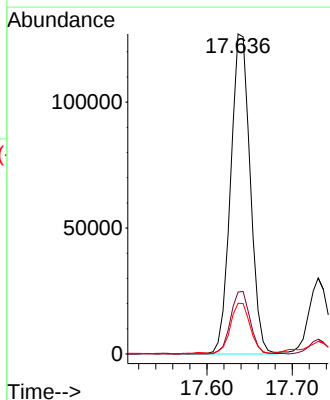
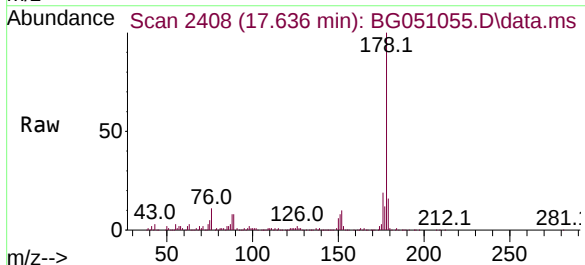
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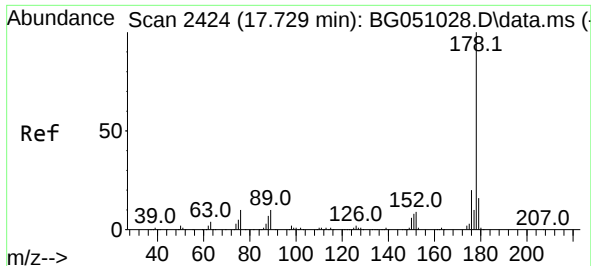
Tgt Ion:188 Resp: 239677
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 11.1 3.7 5.5#



#71
Phenanthrene
Concen: 15.879 ng
RT: 17.636 min Scan# 2408
Delta R.T. -0.005 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

Tgt Ion:178 Resp: 203006
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.8 14.2 21.4

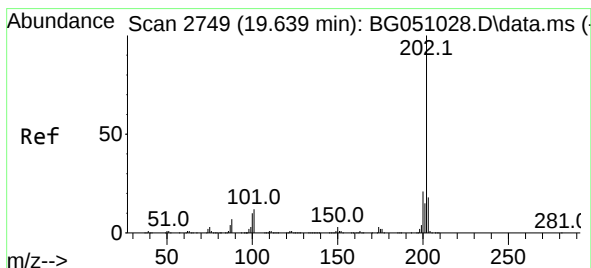
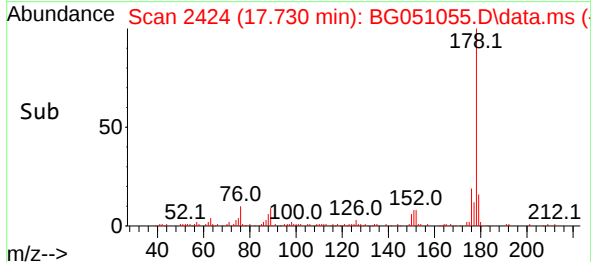
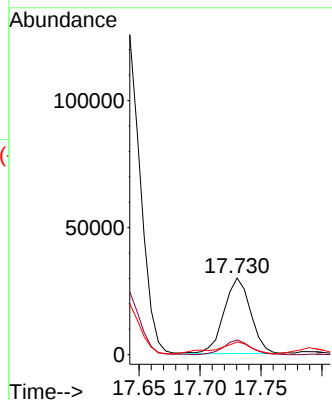
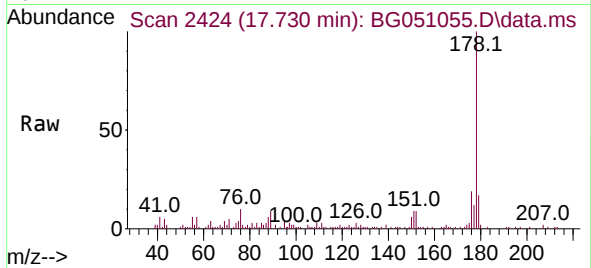




#72
 Anthracene
 Concen: 3.562 ng
 RT: 17.730 min Scan# 2424
 Delta R.T. 0.001 min
 Lab File: BG051055.D
 Acq: 16 Nov 2021 00:11

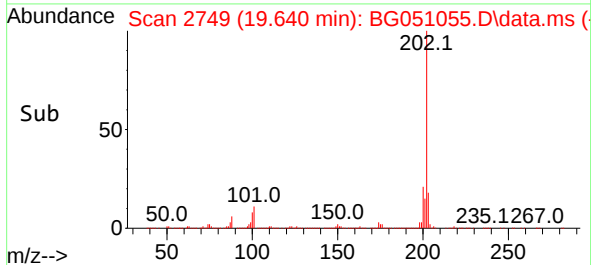
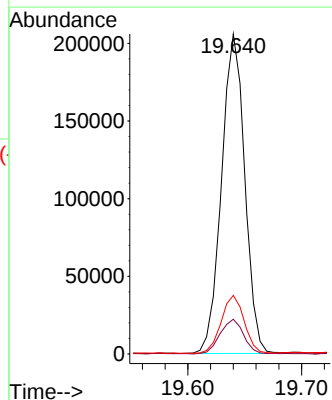
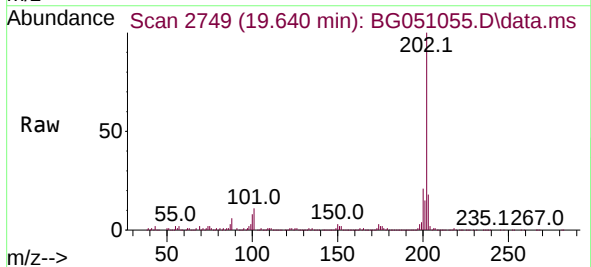
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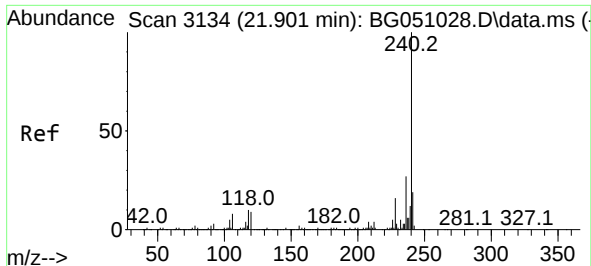
Tgt Ion:178 Resp: 45295
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.6 21.8
 179 16.7 13.4 20.0



#75
 Fluoranthene
 Concen: 18.615 ng
 RT: 19.640 min Scan# 2749
 Delta R.T. 0.001 min
 Lab File: BG051055.D
 Acq: 16 Nov 2021 00:11

Tgt Ion:202 Resp: 291970
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 24.7
 203 18.3 0.0 38.5

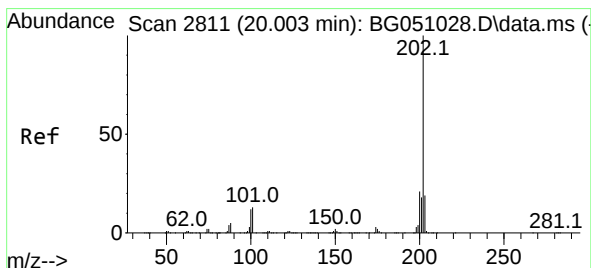
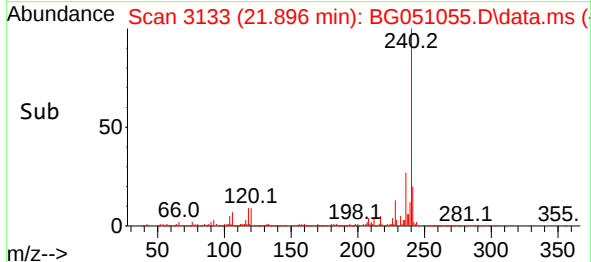
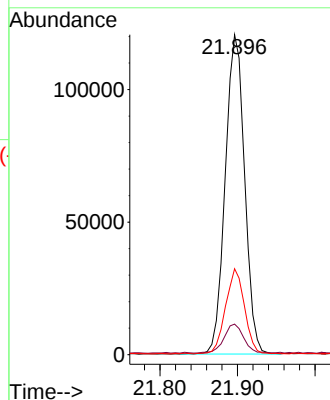
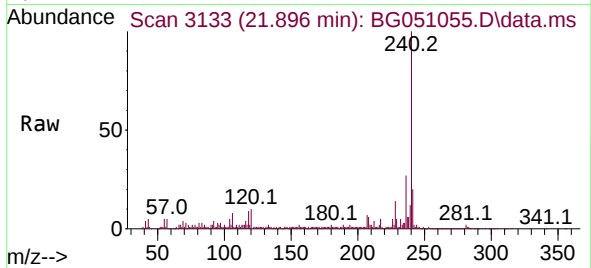




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

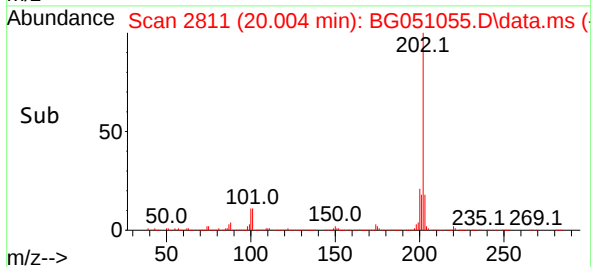
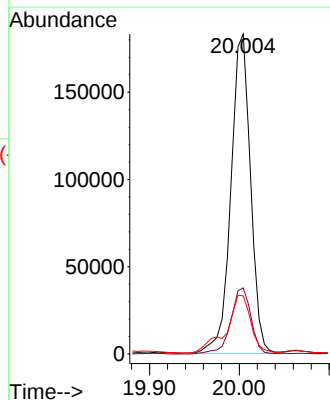
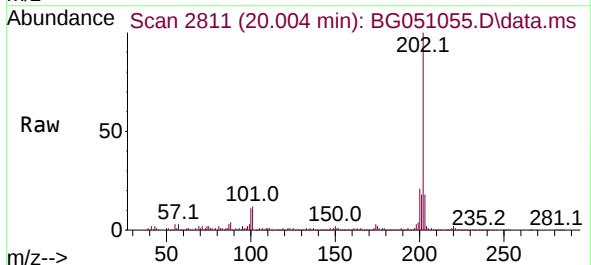
Instrument :
BNA_G
ClientSampleId :
VWE-B35-111221-0-10

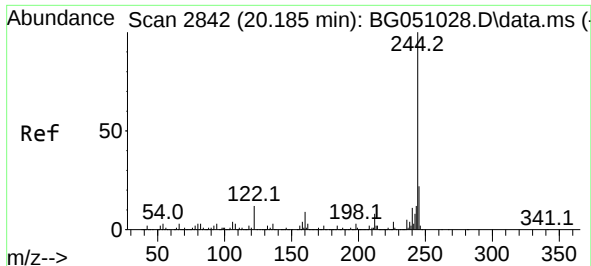
Tgt Ion:240 Resp: 209513
Ion Ratio Lower Upper
240 100
120 9.6 4.2 6.2#
236 26.9 21.8 32.6



#78
Pyrene
Concen: 17.646 ng
RT: 20.004 min Scan# 2811
Delta R.T. 0.001 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

Tgt Ion:202 Resp: 277349
Ion Ratio Lower Upper
202 100
200 20.6 15.8 23.8
203 18.2 14.6 21.8

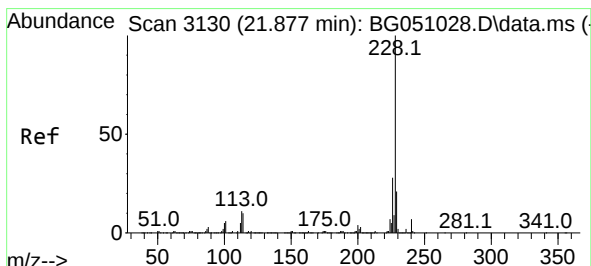
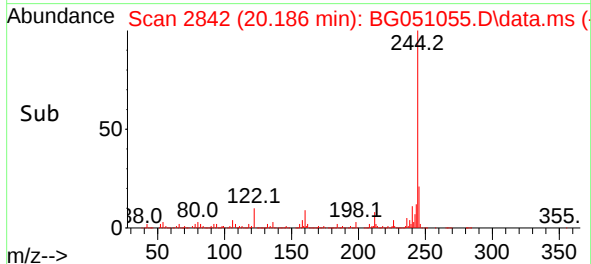
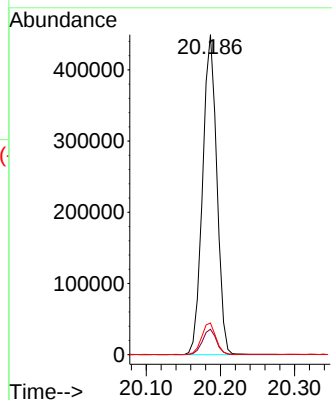
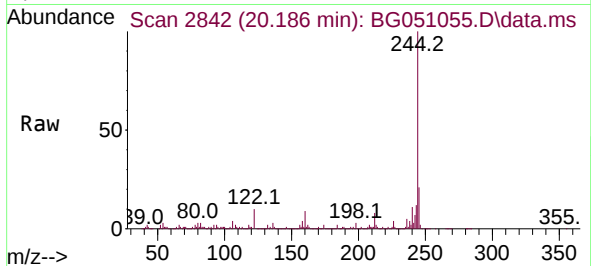




#79
 Terphenyl-d14
 Concen: 52.526 ng
 RT: 20.186 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG051055.D
 Acq: 16 Nov 2021 00:11

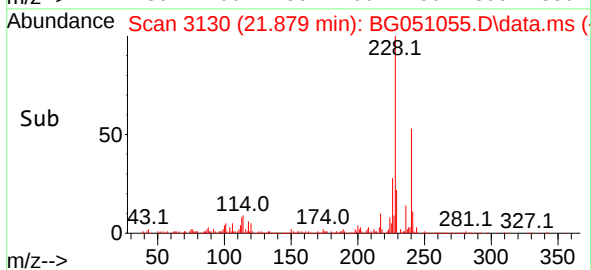
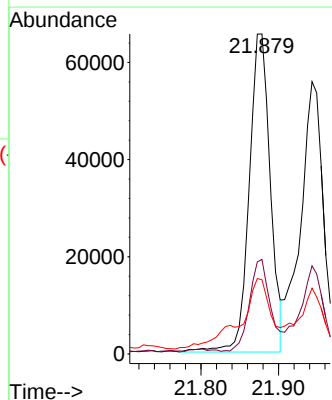
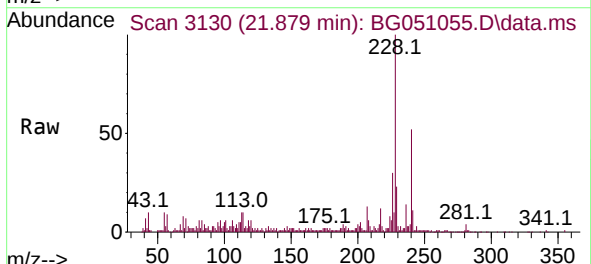
Instrument :
 BNA_G
 ClientSampleId :
 VWE-B35-111221-0-10

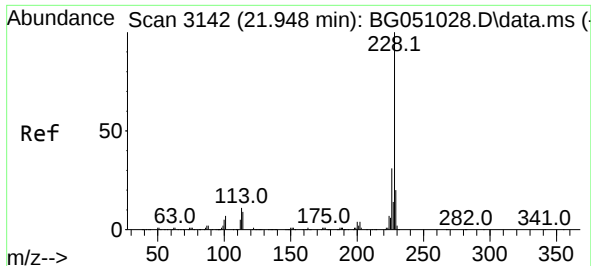
Tgt Ion:244 Resp: 601435
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 9.9 5.0 7.6#



#81
 Benzo(a)anthracene
 Concen: 8.603 ng
 RT: 21.879 min Scan# 3130
 Delta R.T. 0.001 min
 Lab File: BG051055.D
 Acq: 16 Nov 2021 00:11

Tgt Ion:228 Resp: 123771
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.7 34.1
 229 23.2 16.0 24.0

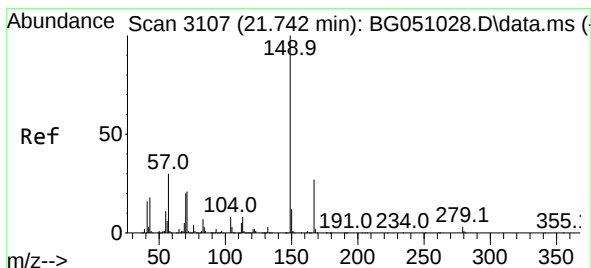
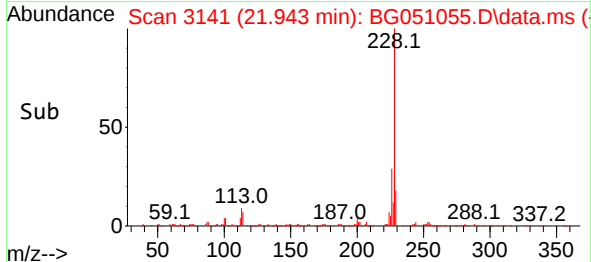
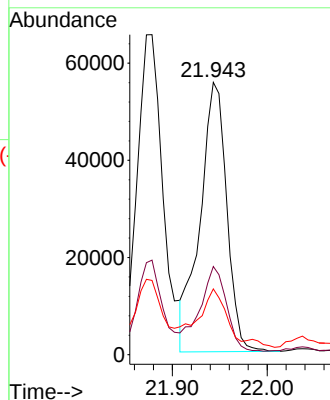
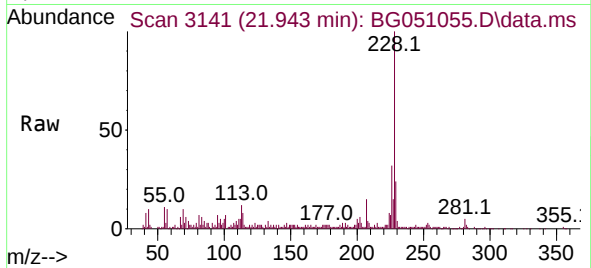




#83
Chrysene
Concen: 8.010 ng
RT: 21.943 min Scan# 3142
Delta R.T. -0.005 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

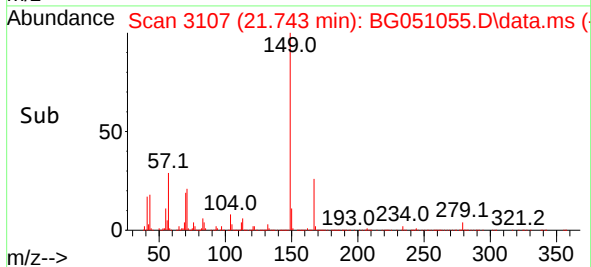
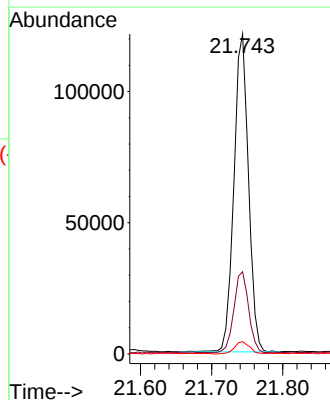
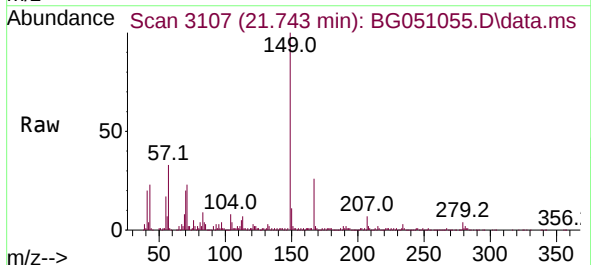
Instrument :
BNA_G
ClientSampleId :
VWE-B35-111221-0-10

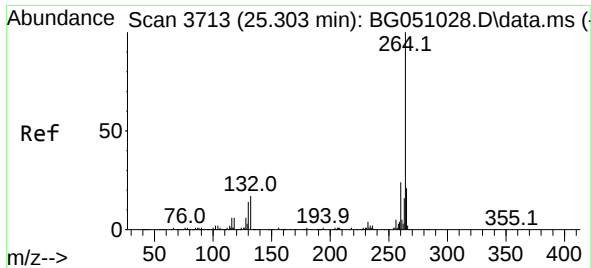
Tgt Ion:228 Resp: 108703
Ion Ratio Lower Upper
228 100
226 32.4 23.1 34.7
229 24.2 15.3 22.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 18.132 ng
RT: 21.743 min Scan# 3107
Delta R.T. 0.001 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

Tgt Ion:149 Resp: 172490
Ion Ratio Lower Upper
149 100
167 25.7 22.3 33.5
279 3.8 3.8 5.8#

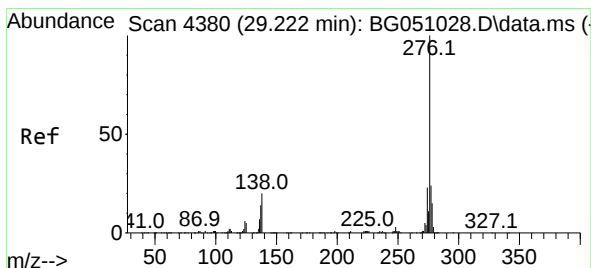
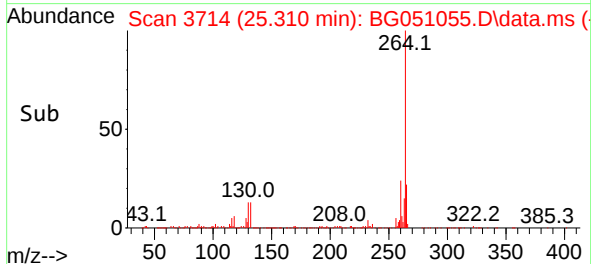
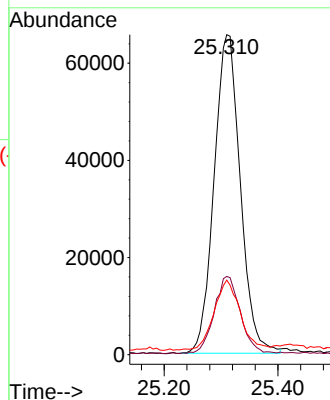
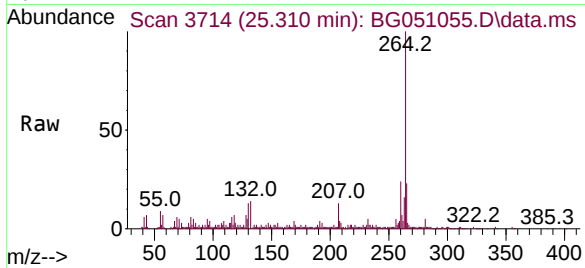




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.310 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

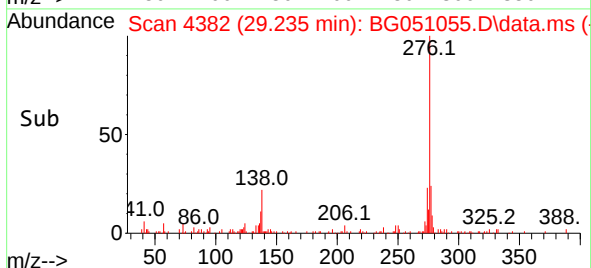
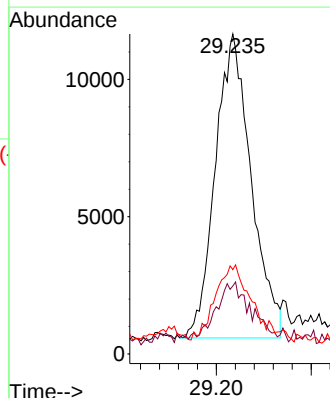
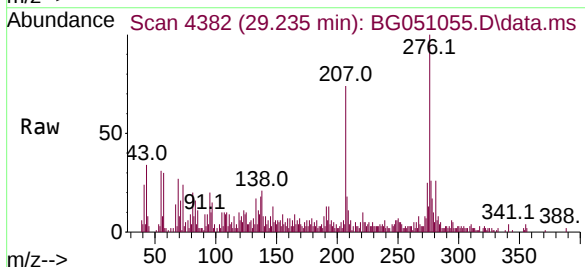
Instrument :
BNA_G
ClientSampleId :
VWE-B35-111221-0-10

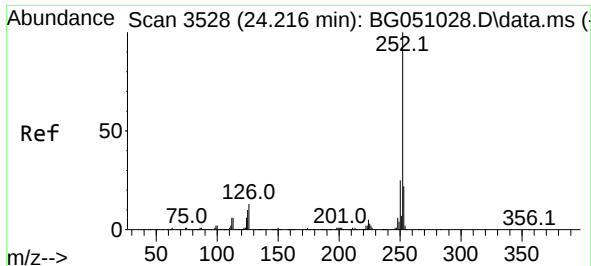
Tgt Ion:264 Resp: 209760
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 23.3 16.9 25.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.905 ng
RT: 29.235 min Scan# 4382
Delta R.T. 0.013 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

Tgt Ion:276 Resp: 58138
Ion Ratio Lower Upper
276 100
138 18.7 5.1 7.7#
277 23.4 19.8 29.6

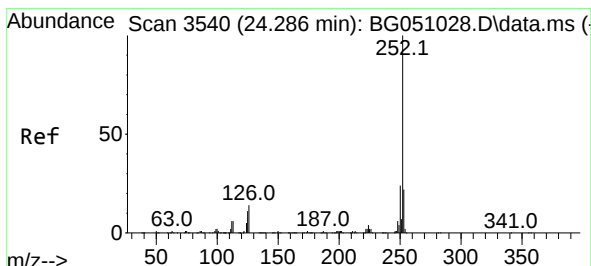
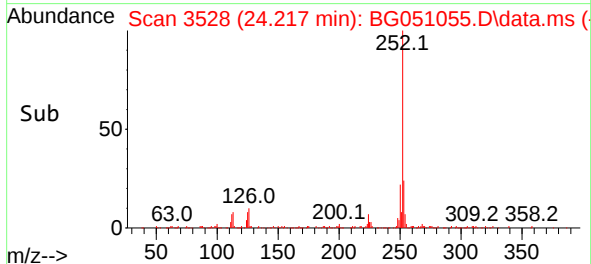
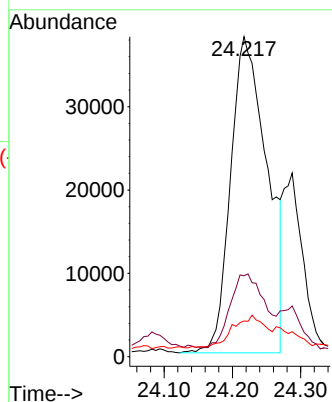
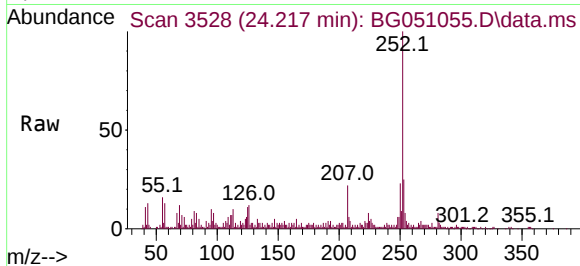




#88
Benzo(b)fluoranthene
Concen: 10.671 ng
RT: 24.217 min Scan# 3528
Delta R.T. 0.001 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

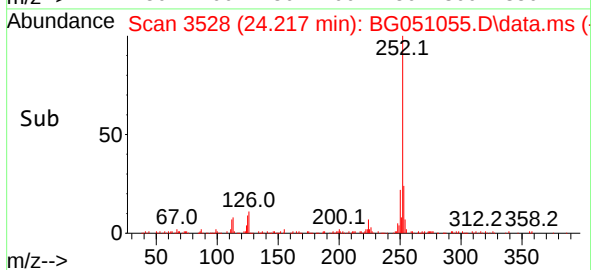
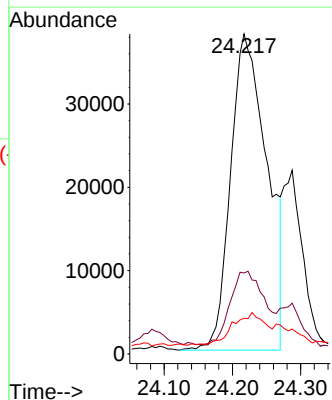
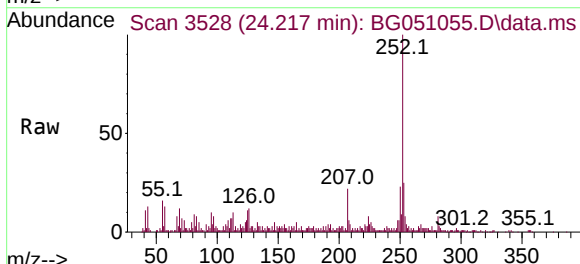
Instrument :
BNA_G
ClientSampleId :
VWE-B35-111221-0-10

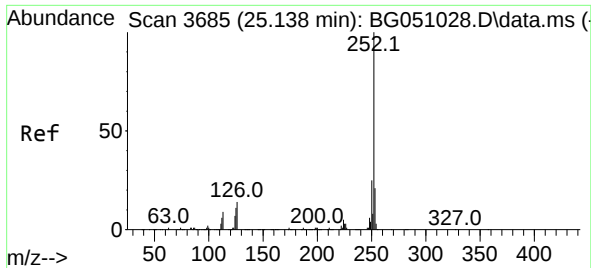
Tgt Ion:252 Resp: 140898
Ion Ratio Lower Upper
252 100
253 25.3 16.2 24.4#
125 11.1 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 10.699 ng
RT: 24.217 min Scan# 3528
Delta R.T. -0.069 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

Tgt Ion:252 Resp: 140898
Ion Ratio Lower Upper
252 100
253 25.3 18.0 27.0
125 11.1 3.1 4.7#

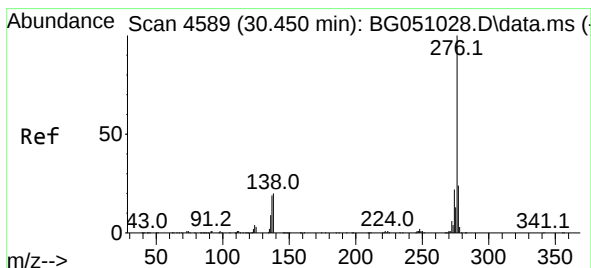
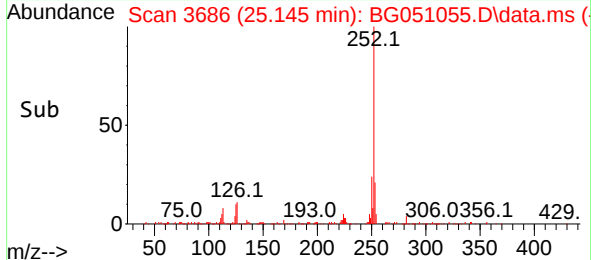
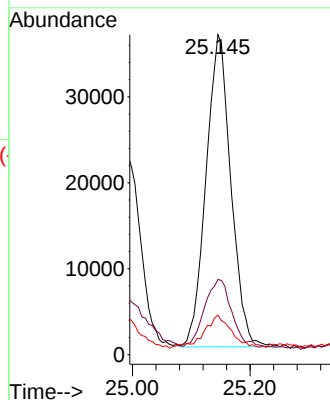
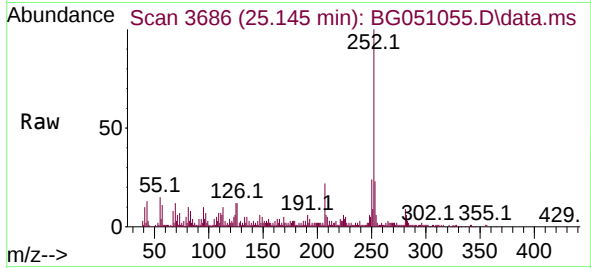




#90
Benzo(a)pyrene
Concen: 9.440 ng
RT: 25.145 min Scan# 3686
Delta R.T. 0.007 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

Instrument :
BNA_G
ClientSampleId :
VWE-B35-111221-0-10

Tgt Ion:252 Resp: 106413
Ion Ratio Lower Upper
252 100
253 23.5 16.6 25.0
125 12.4 3.5 5.3#



#92
Benzo(g,h,i)perylene
Concen: 4.767 ng
RT: 30.463 min Scan# 4591
Delta R.T. 0.013 min
Lab File: BG051055.D
Acq: 16 Nov 2021 00:11

Tgt Ion:276 Resp: 57507
Ion Ratio Lower Upper
276 100
277 22.6 18.4 27.6
138 16.7 7.0 10.6#

