

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050526.D
 Acq On : 9 Oct 2021 2:33
 Operator : CG/JU
 Sample : M4113-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Oct 09 04:08:54 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)

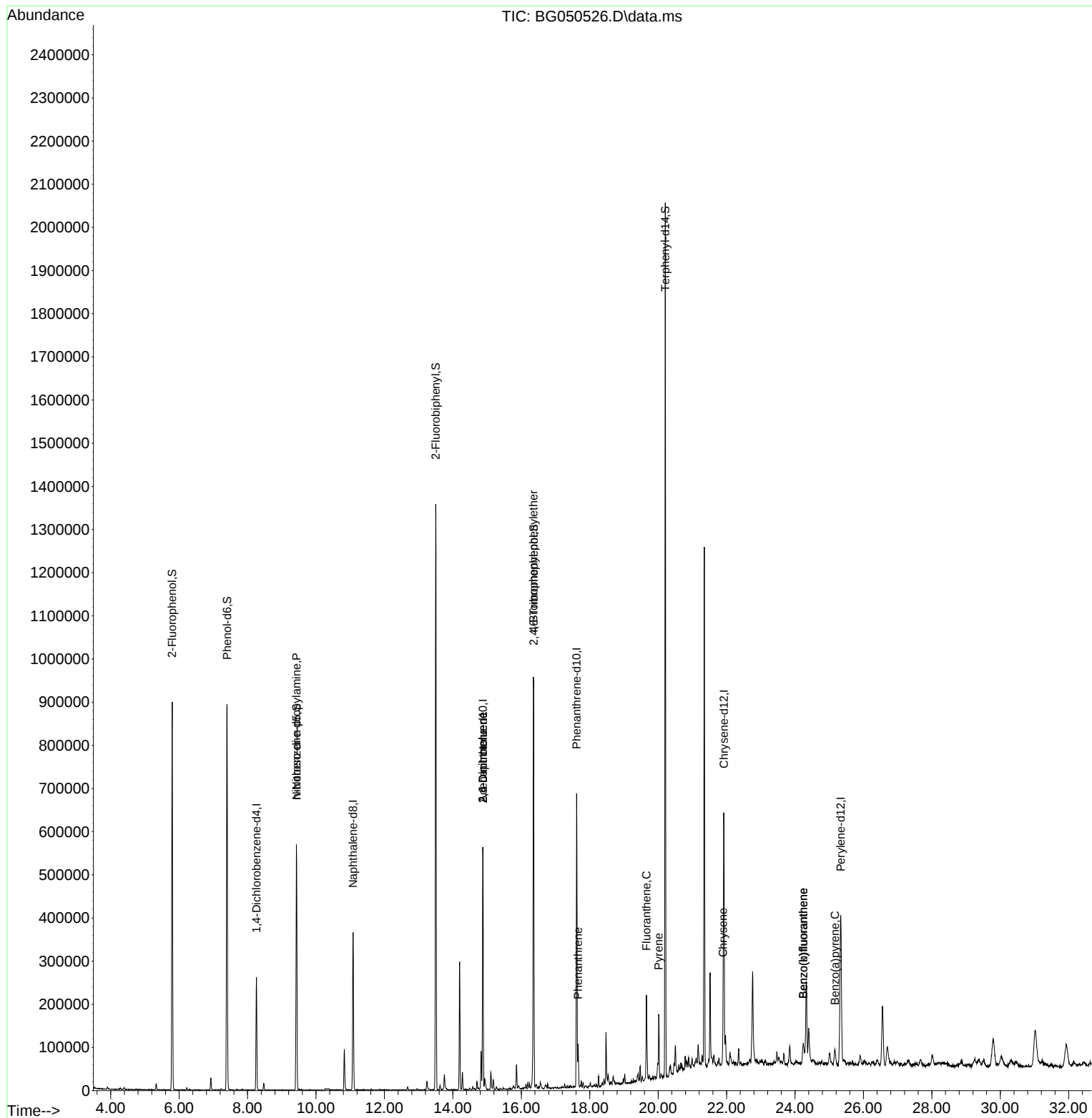
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	68682	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	299247	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	194182	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	401656	20.000	ng	# 0.00
76) Chrysene-d12	21.920	240	344517	20.000	ng	# 0.00
86) Perylene-d12	25.333	264	339963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	369005	80.350	ng	0.00
7) Phenol-d6	7.401	99	506629	76.195	ng	0.00
23) Nitrobenzene-d5	9.428	82	366638	50.718	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	136645	73.776	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	661475	51.268	ng	0.00
79) Terphenyl-d14	20.210	244	890745	50.387	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.389	77	1432	Below Cal	#	39
19) n-Nitroso-di-n-propyla...	9.428	70	51970	10.724	ng	# 69
51) 2,6-Dinitrotoluene	14.875	165	25843	8.791	ng	# 12
57) 2,4-Dinitrotoluene	14.875	165	25843	6.237	ng	# 17
67) 4-Bromophenyl-phenylether	16.355	248	11563	2.857	ng	# 1
71) Phenanthrene	17.660	178	59801	2.825	ng	96
75) Fluoranthene	19.657	202	117673	4.523	ng	94
78) Pyrene	20.016	202	94327	3.859	ng	98
83) Chrysene	21.896	228	44234	2.063	ng	97
88) Benzo(b)fluoranthene	24.240	252	55736	2.677	ng	# 93
89) Benzo(k)fluoranthene	24.240	252	55736	2.721	ng	# 90
90) Benzo(a)pyrene	25.169	252	38385	2.168	ng	# 91

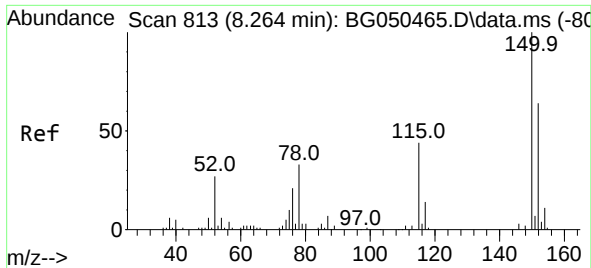
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
Data File : BG050526.D
Acq On : 9 Oct 2021 2:33
Operator : CG/JU
Sample : M4113-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-5

Quant Time: Oct 09 04:08:54 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

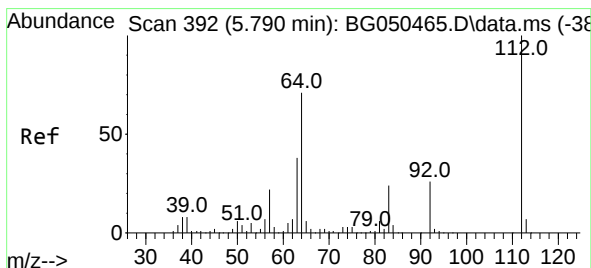
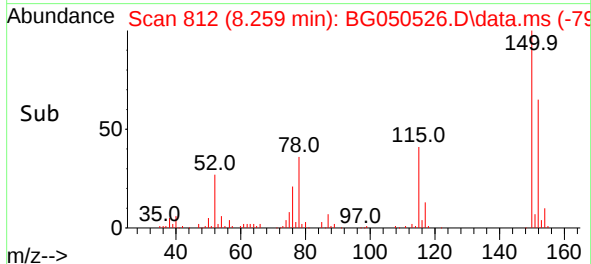
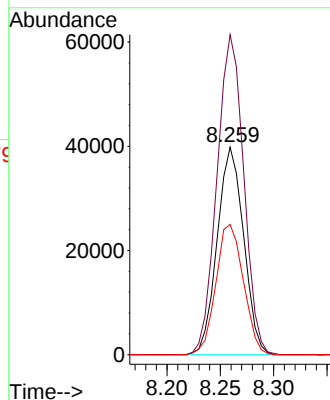
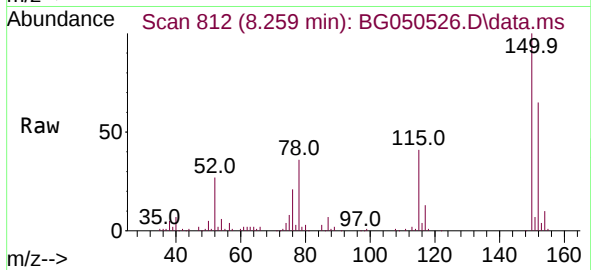




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

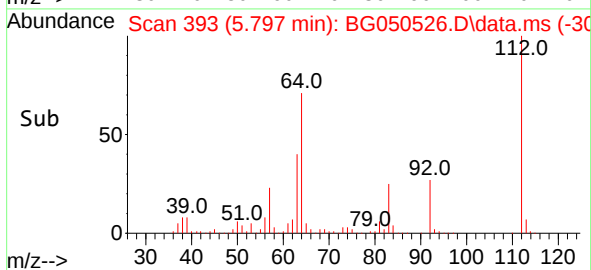
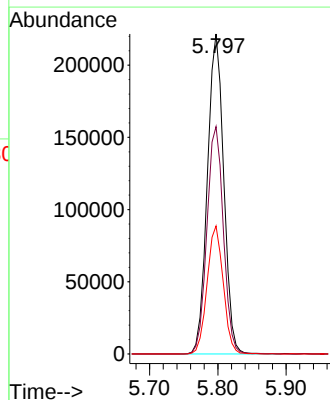
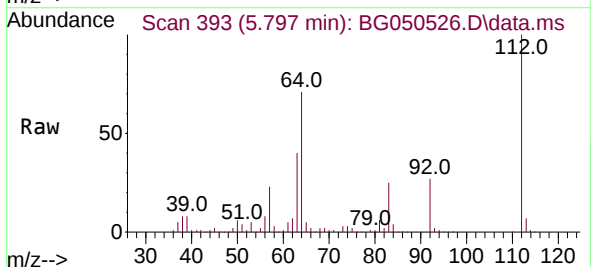
Instrument :
BNA_G
ClientSampleId :
TP-5

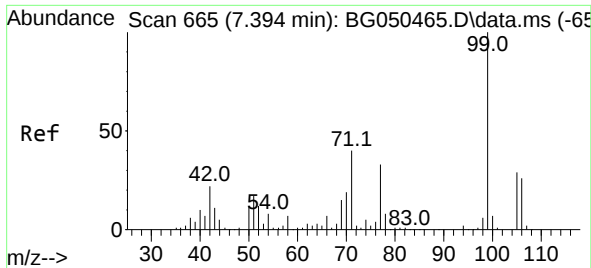
Tgt Ion:152 Resp: 68682
Ion Ratio Lower Upper
152 100
150 154.2 119.4 179.0
115 62.8 60.2 90.4



#5
2-Fluorophenol
Concen: 80.350 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:112 Resp: 369005
Ion Ratio Lower Upper
112 100
64 71.0 46.7 70.1#
63 40.0 35.3 52.9

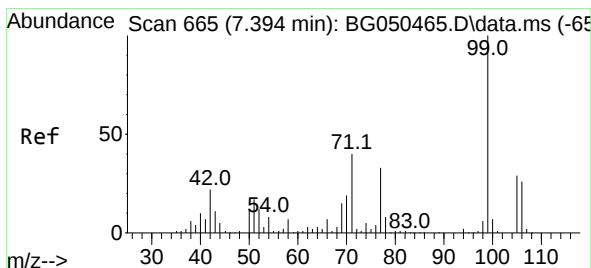
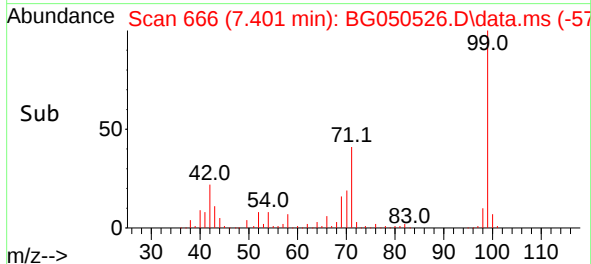
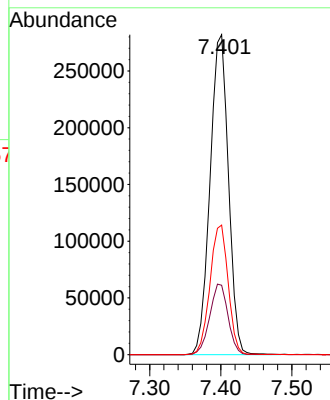
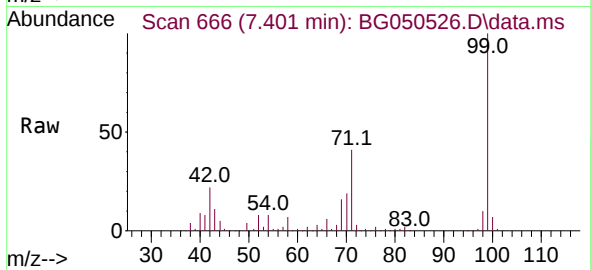




#7
Phenol-d6
Concen: 76.195 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

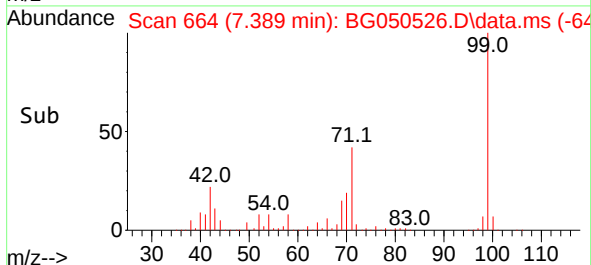
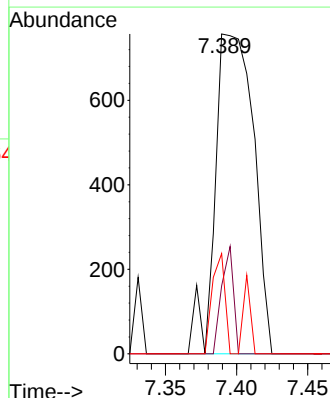
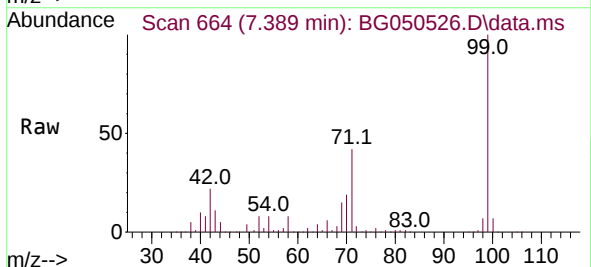
Instrument :
BNA_G
ClientSampleId :
TP-5

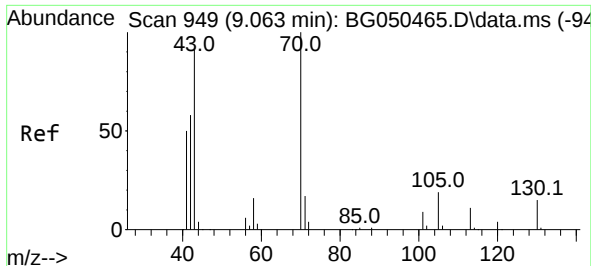
Tgt Ion: 99 Resp: 506629
Ion Ratio Lower Upper
99 100
42 21.7 20.5 30.7
71 40.5 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion: 77 Resp: 1432
Ion Ratio Lower Upper
77 100
105 21.3 68.8 108.8#
106 31.3 47.9 87.9#

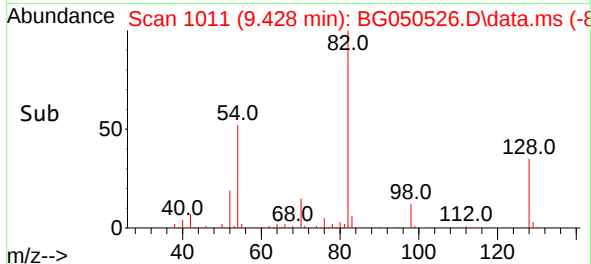
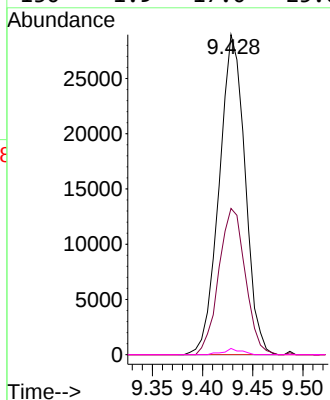
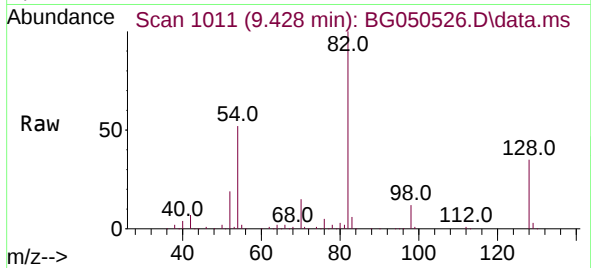




#19
n-Nitroso-di-n-propylamine
Concen: 10.724 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.366 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

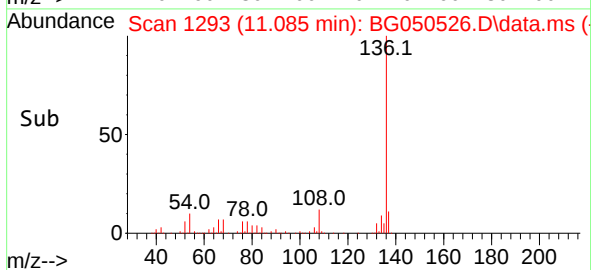
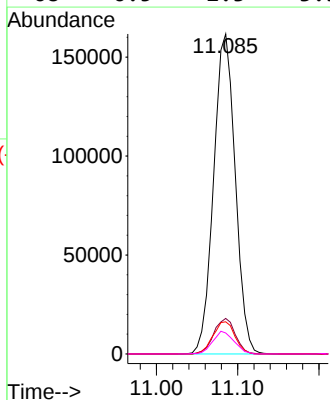
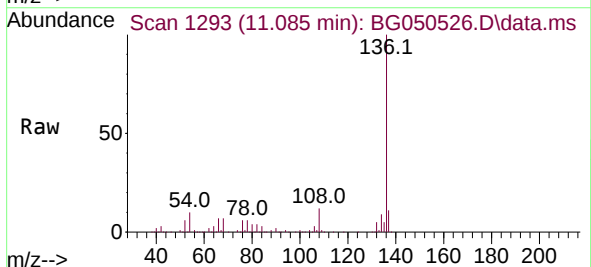
Instrument :
BNA_G
ClientSampled :
TP-5

Tgt Ion: 70 Resp: 51970
Ion Ratio Lower Upper
70 100
42 45.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:136 Resp: 299247
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 10.1 5.5 8.3#
68 6.5 2.3 3.5#

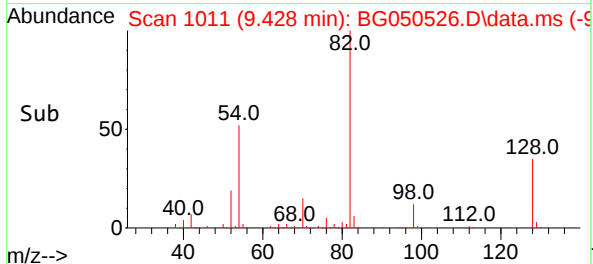
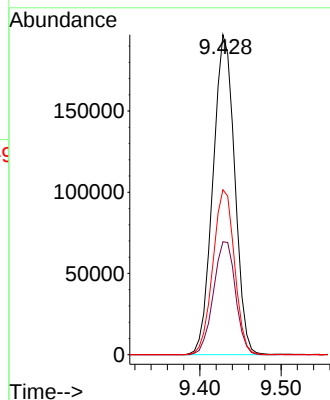
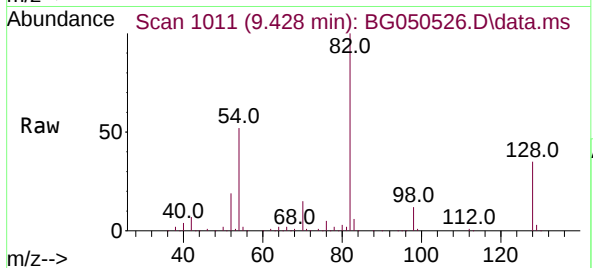




#23
Nitrobenzene-d5
Concen: 50.718 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

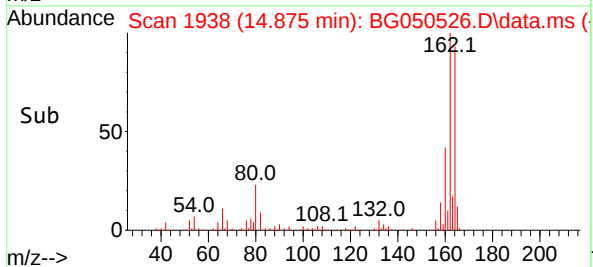
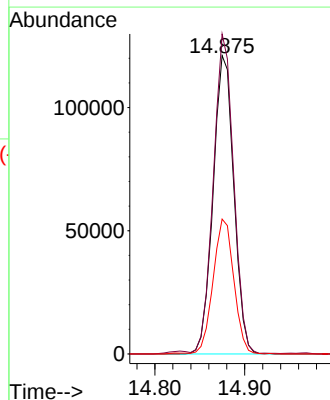
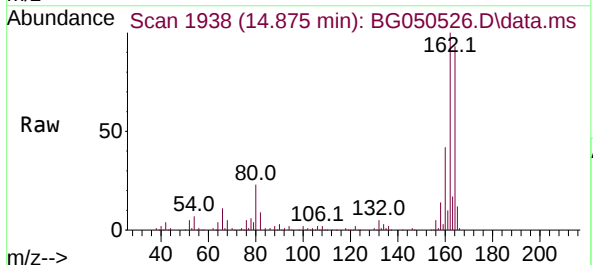
Instrument :
BNA_G
ClientSampleId :
TP-5

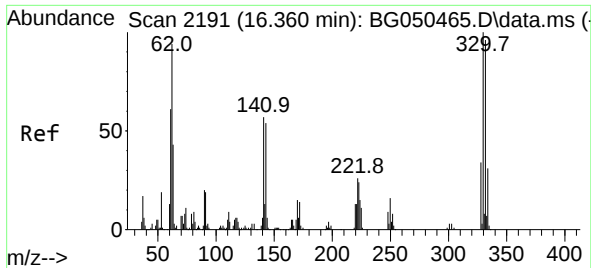
Tgt Ion: 82 Resp: 366638
Ion Ratio Lower Upper
82 100
128 35.3 29.8 44.6
54 51.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:164 Resp: 194182
Ion Ratio Lower Upper
164 100
162 107.3 81.4 122.0
160 45.2 34.9 52.3

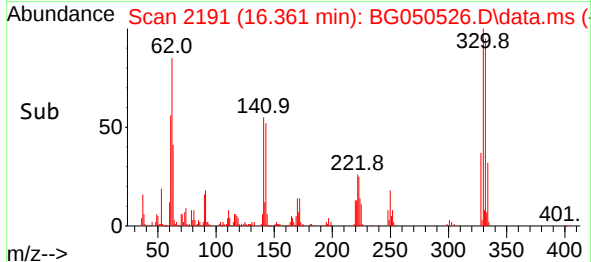
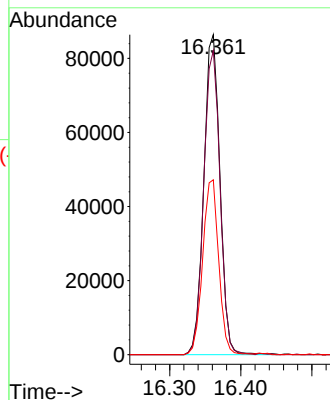
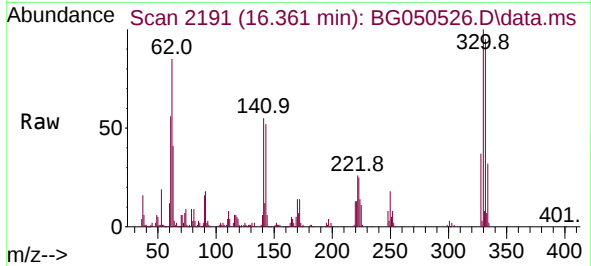




#42
2,4,6-Tribromophenol
Concen: 73.776 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

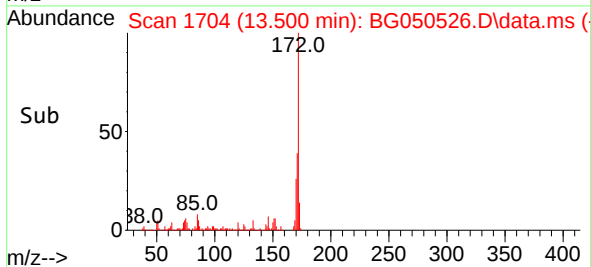
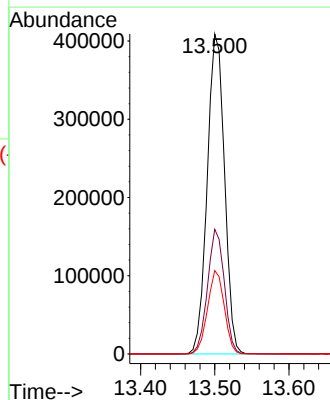
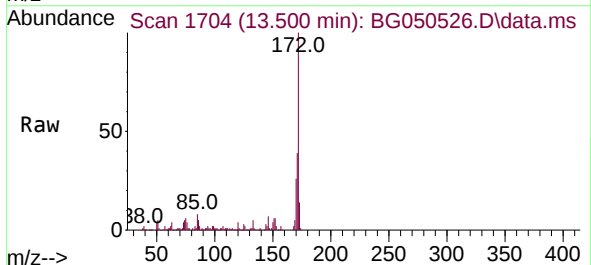
Instrument :
BNA_G
ClientSampled :
TP-5

Tgt Ion:330 Resp: 136645
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 54.3 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 51.268 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:172 Resp: 661475
Ion Ratio Lower Upper
172 100
171 39.0 28.6 43.0
170 26.0 18.6 27.8

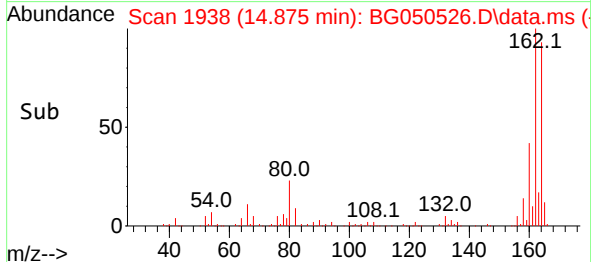
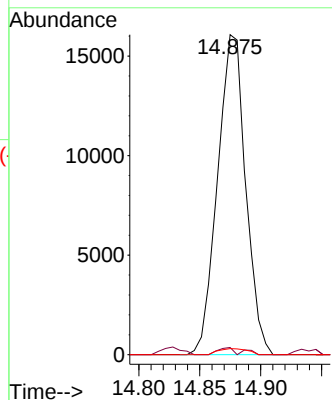
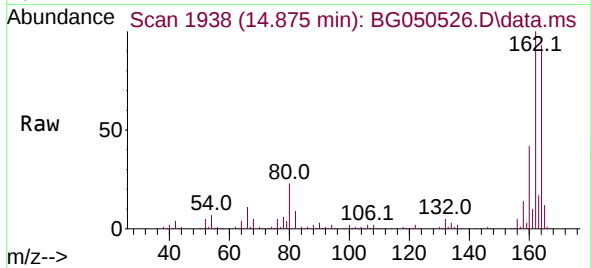




#51
2,6-Dinitrotoluene
Concen: 8.791 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

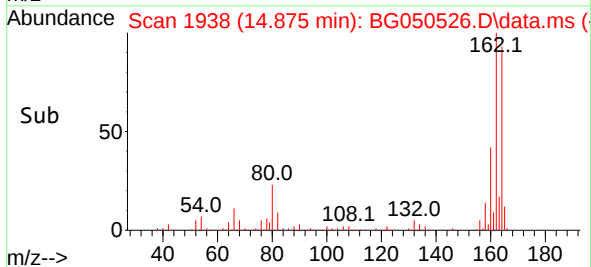
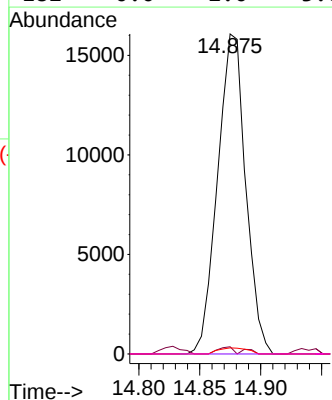
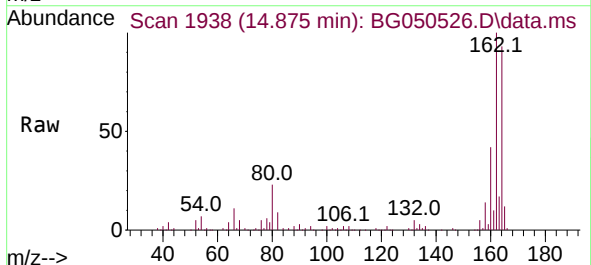
Instrument :
BNA_G
ClientSampled :
TP-5

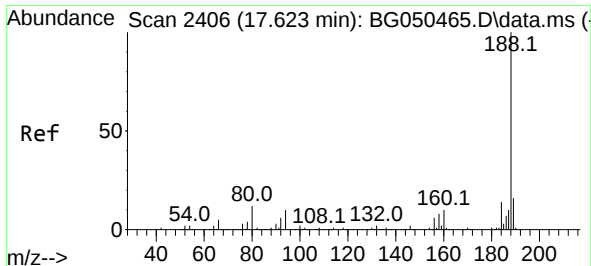
Tgt Ion:165 Resp: 25843
Ion Ratio Lower Upper
165 100
63 2.2 63.3 94.9#
89 1.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.237 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.351 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:165 Resp: 25843
Ion Ratio Lower Upper
165 100
63 2.2 48.0 72.0#
89 1.9 65.4 98.0#
182 0.0 2.0 3.0#

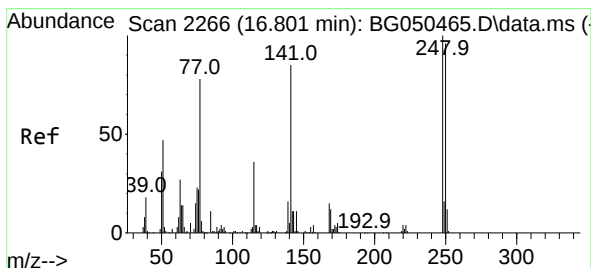
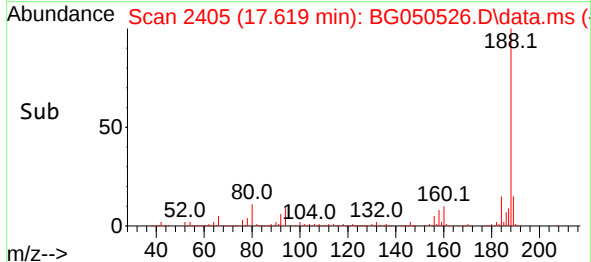
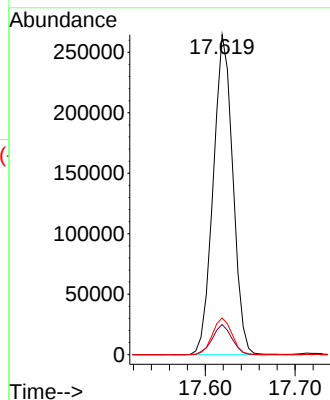
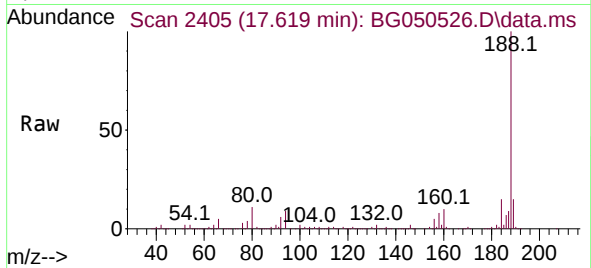




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

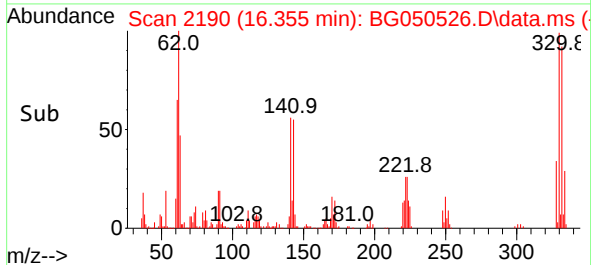
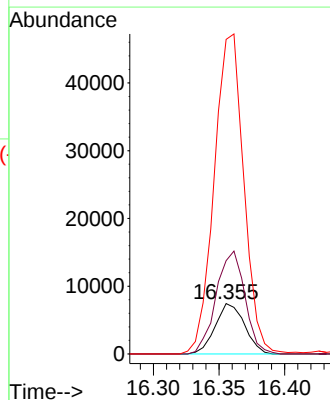
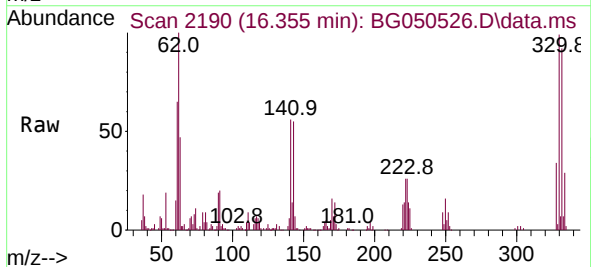
Instrument :
BNA_G
ClientSampleId :
TP-5

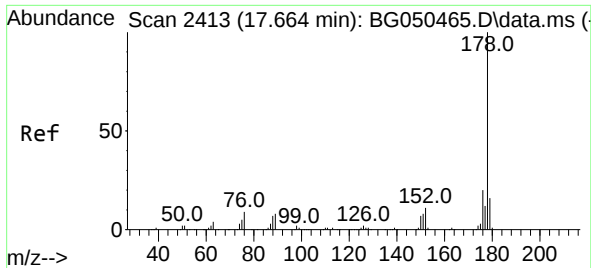
Tgt Ion:188 Resp: 401656
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 11.5 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.857 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.445 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:248 Resp: 11563
Ion Ratio Lower Upper
248 100
250 184.7 76.1 114.1#
141 623.1 65.4 98.2#

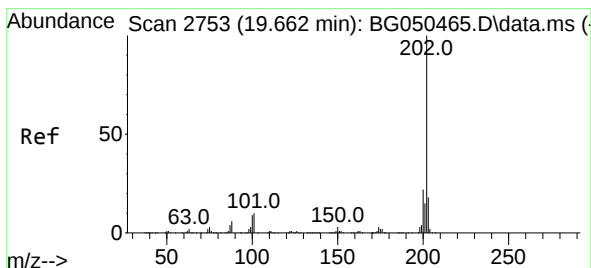
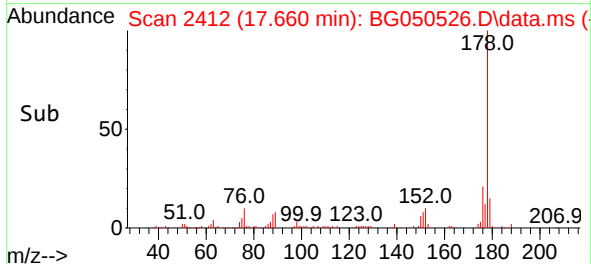
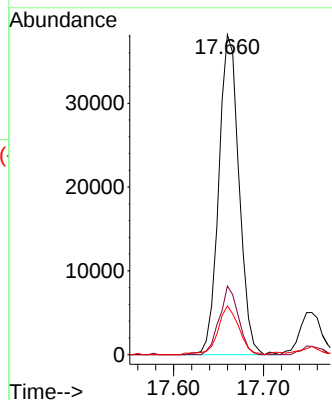
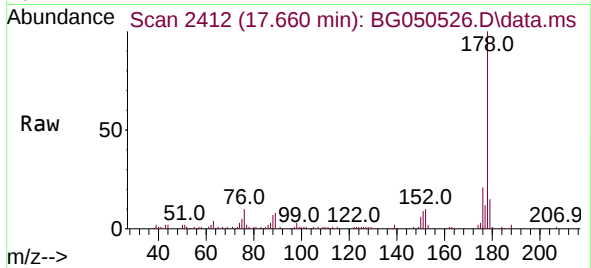




#71
Phenanthrene
Concen: 2.825 ng
RT: 17.660 min Scan# 2412
Delta R.T. -0.004 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

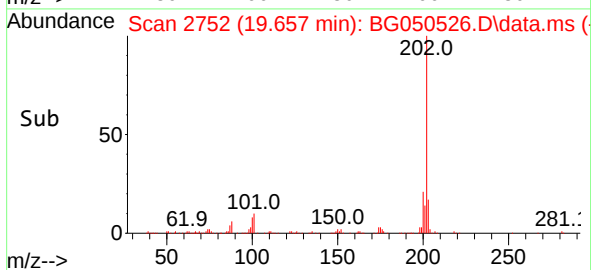
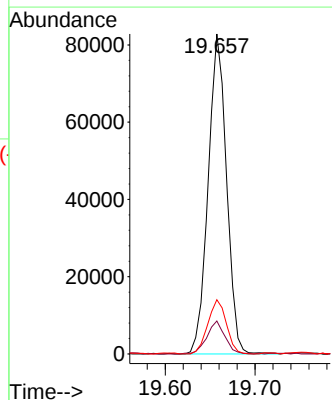
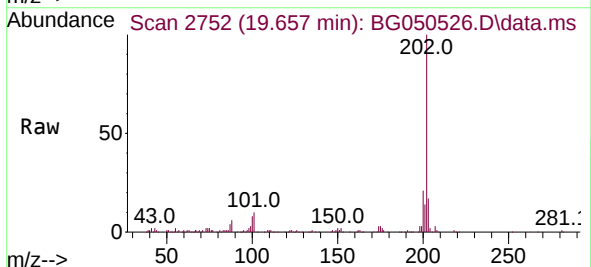
Instrument :
BNA_G
ClientSampled :
TP-5

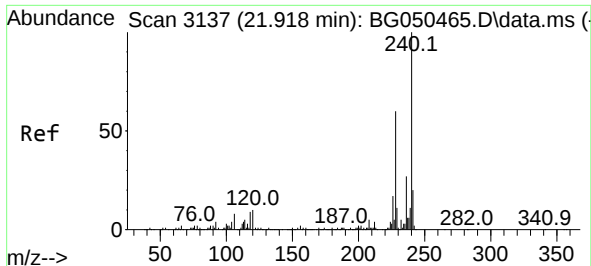
Tgt Ion:178 Resp: 59801
Ion Ratio Lower Upper
178 100
176 21.5 16.0 24.0
179 15.2 14.2 21.4



#75
Fluoranthene
Concen: 4.523 ng
RT: 19.657 min Scan# 2752
Delta R.T. -0.004 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:202 Resp: 117673
Ion Ratio Lower Upper
202 100
101 10.3 0.0 24.7
203 16.9 0.0 38.5

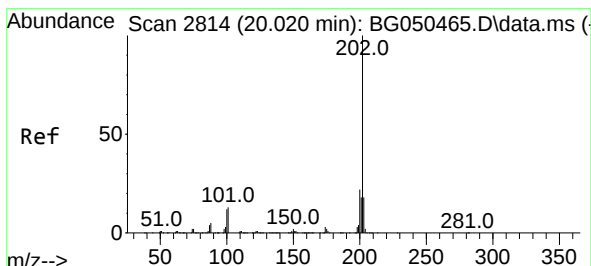
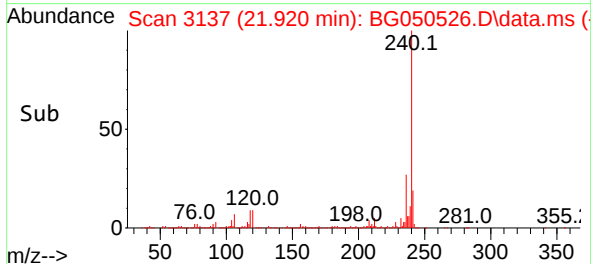
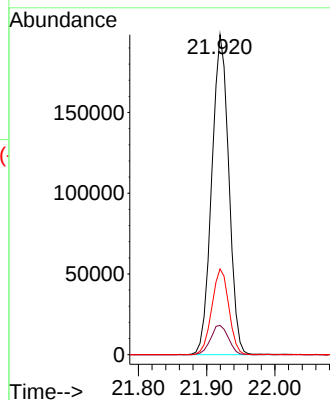
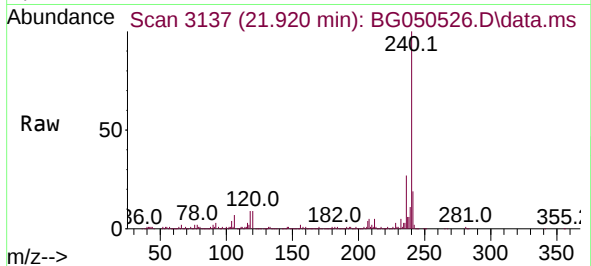




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

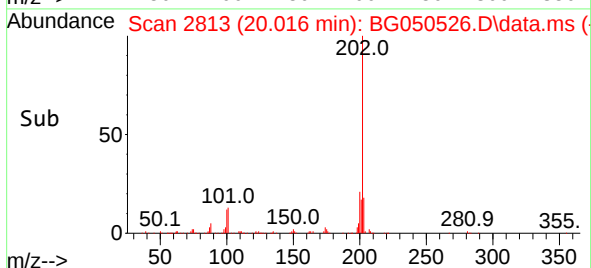
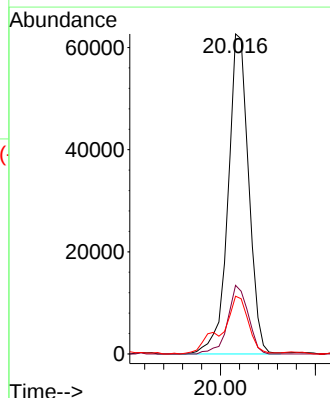
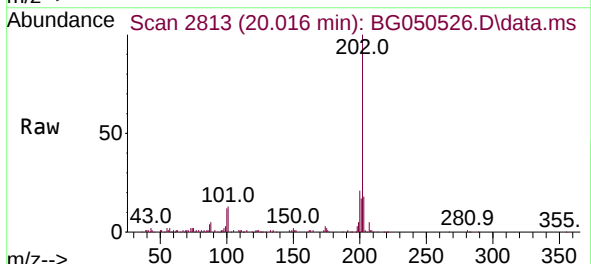
Instrument :
BNA_G
ClientSampleId :
TP-5

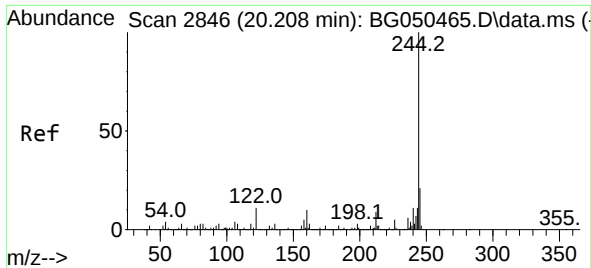
Tgt Ion:240 Resp: 344517
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 26.8 21.8 32.6



#78
Pyrene
Concen: 3.859 ng
RT: 20.016 min Scan# 2813
Delta R.T. -0.005 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:202 Resp: 94327
Ion Ratio Lower Upper
202 100
200 21.5 15.8 23.8
203 18.1 14.6 21.8

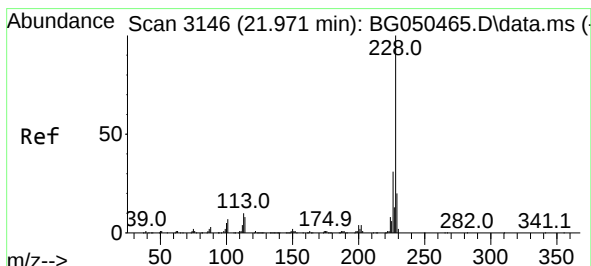
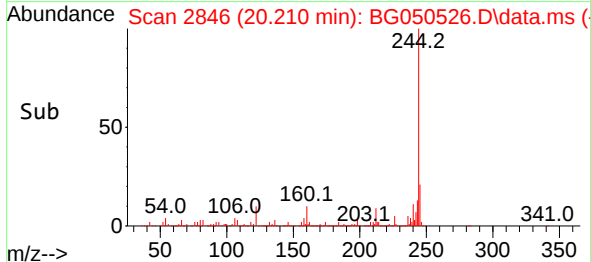
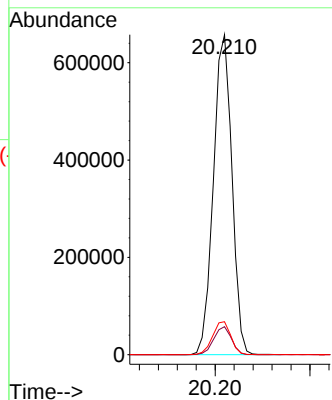
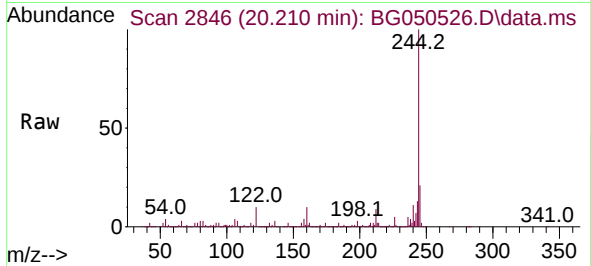




#79
 Terphenyl-d14
 Concen: 50.387 ng
 RT: 20.210 min Scan# 2846
 Delta R.T. 0.001 min
 Lab File: BG050526.D
 Acq: 9 Oct 2021 2:33

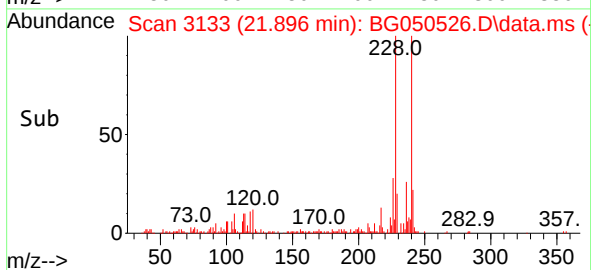
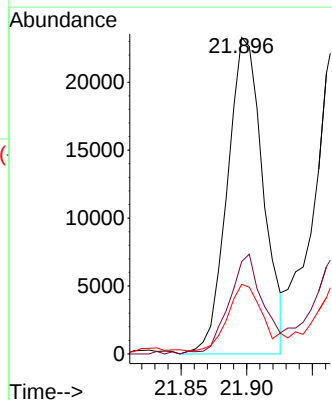
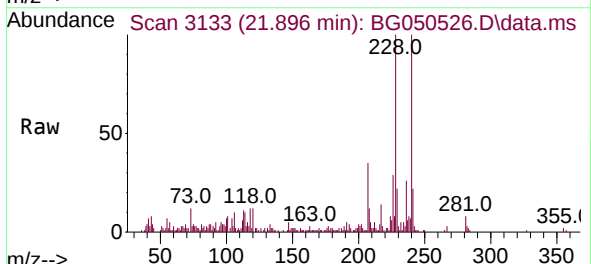
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

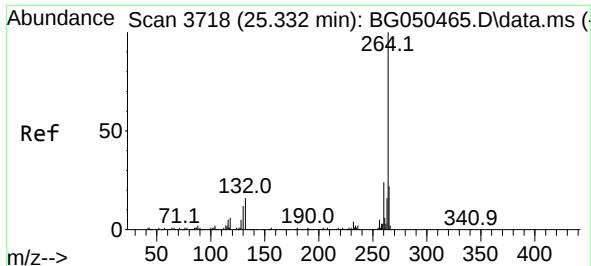
Tgt Ion:244 Resp: 890745
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 10.3 5.0 7.6#



#83
 Chrysene
 Concen: 2.063 ng
 RT: 21.896 min Scan# 3133
 Delta R.T. -0.075 min
 Lab File: BG050526.D
 Acq: 9 Oct 2021 2:33

Tgt Ion:228 Resp: 44234
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.1 34.7
 229 22.0 15.3 22.9

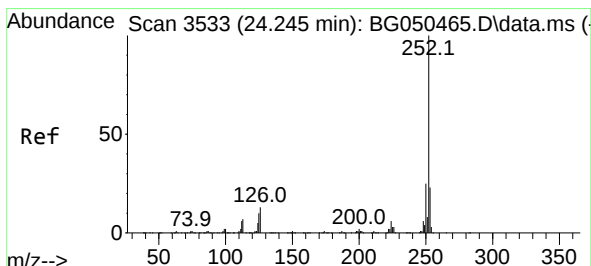
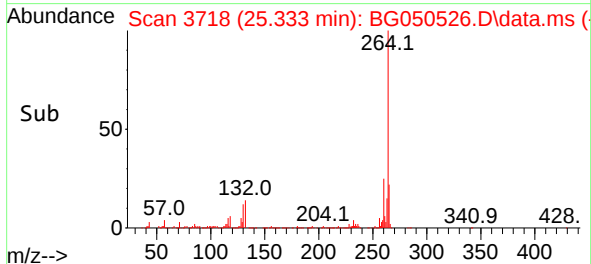
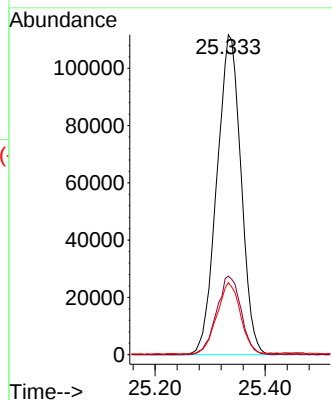
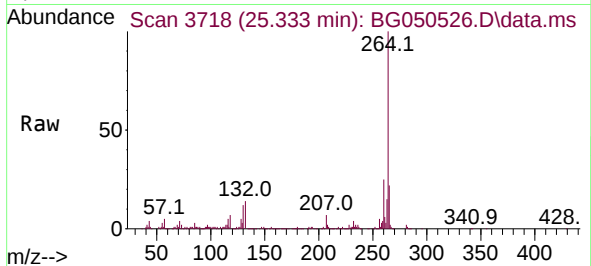




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.333 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050526.D
 Acq: 9 Oct 2021 2:33

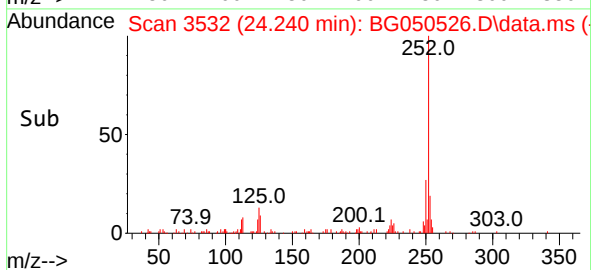
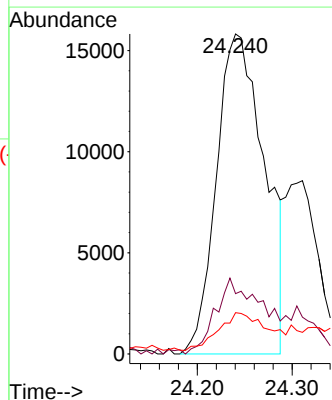
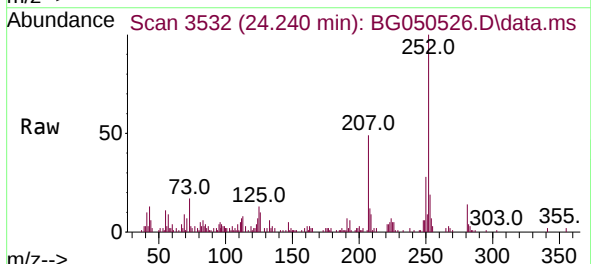
Instrument :
 BNA_G
 ClientSampled :
 TP-5

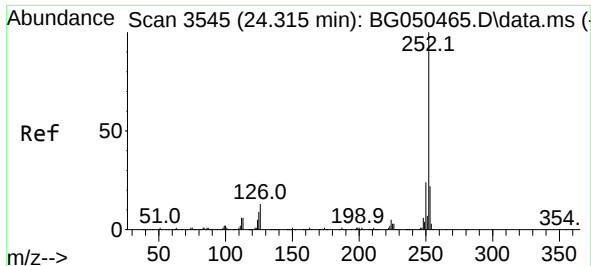
Tgt Ion:264 Resp: 339963
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 22.5 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 2.677 ng
 RT: 24.240 min Scan# 3532
 Delta R.T. -0.004 min
 Lab File: BG050526.D
 Acq: 9 Oct 2021 2:33

Tgt Ion:252 Resp: 55736
 Ion Ratio Lower Upper
 252 100
 253 18.9 16.2 24.4
 125 12.9 3.0 4.4#

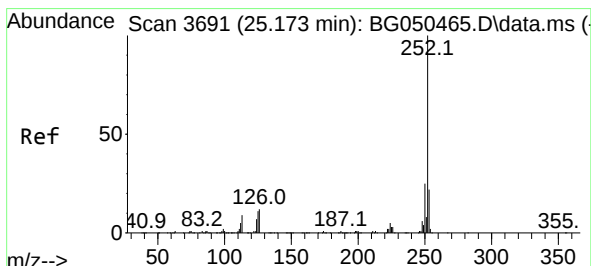
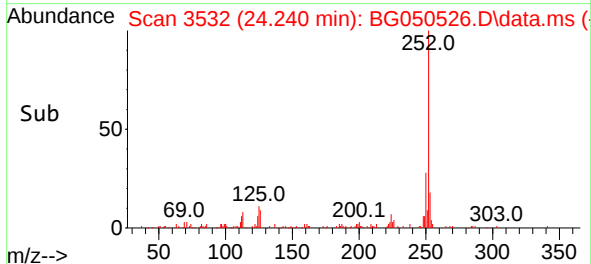
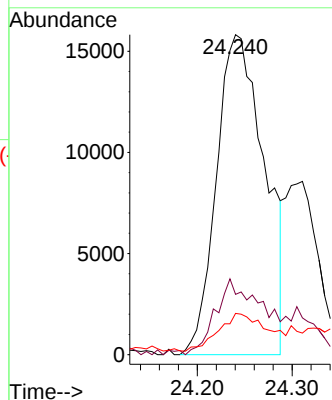
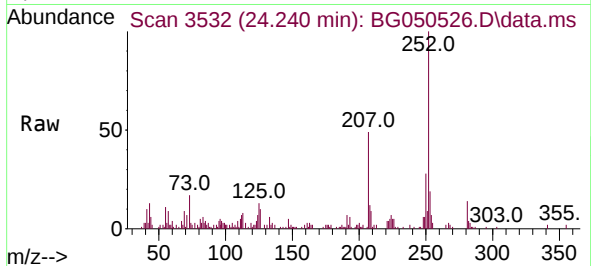




#89
Benzo(k)fluoranthene
Concen: 2.721 ng
RT: 24.240 min Scan# 3532
Delta R.T. -0.075 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Instrument :
BNA_G
ClientSampled :
TP-5

Tgt Ion:252 Resp: 55736
Ion Ratio Lower Upper
252 100
253 18.9 18.0 27.0
125 12.9 3.1 4.7#



#90
Benzo(a)pyrene
Concen: 2.168 ng
RT: 25.169 min Scan# 3690
Delta R.T. -0.005 min
Lab File: BG050526.D
Acq: 9 Oct 2021 2:33

Tgt Ion:252 Resp: 38385
Ion Ratio Lower Upper
252 100
253 23.8 16.6 25.0
125 11.5 3.5 5.3#

