

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050490.D
 Acq On : 7 Oct 2021 19:45
 Operator : CG/JU
 Sample : M4113-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Oct 08 05:45:53 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)

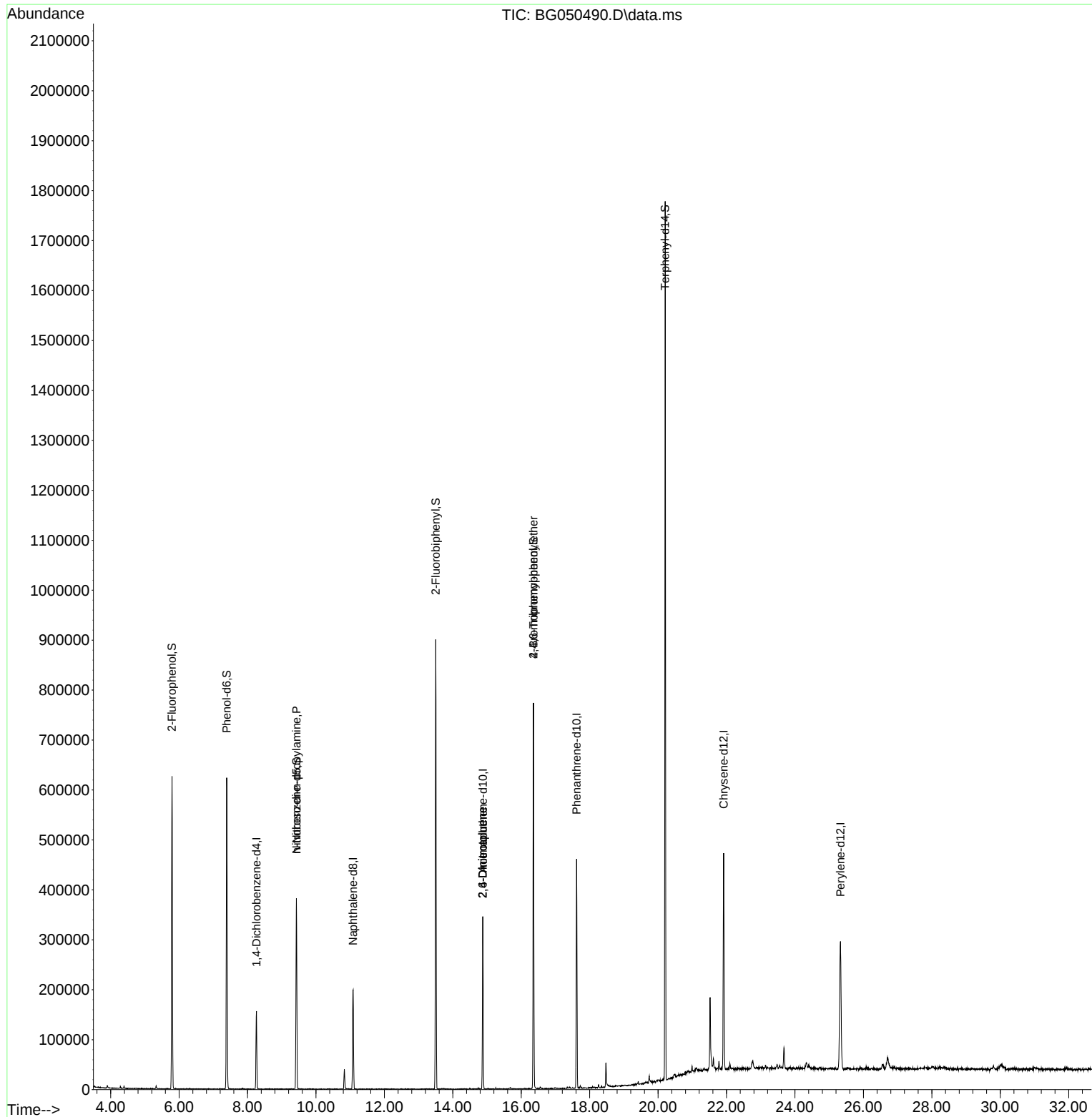
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	40091	20.000	ng	0.00
21) Naphthalene-d8	11.086	136	165824	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	114694	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	280008	20.000	ng	# 0.00
76) Chrysene-d12	21.914	240	266905	20.000	ng	# 0.00
86) Perylene-d12	25.328	264	262860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	252081	94.035	ng	0.00
7) Phenol-d6	7.390	99	345224	88.948	ng	0.00
23) Nitrobenzene-d5	9.429	82	243294	60.735	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	108103	98.816	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	438653	57.561	ng	0.00
79) Terphenyl-d14	20.204	244	784174	57.257	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.396	77	797	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.429	70	34333	12.137	ng	# 67
51) 2,6-Dinitrotoluene	14.869	165	15267	8.792	ng	# 12
57) 2,4-Dinitrotoluene	14.869	165	15267	6.238	ng	# 17
67) 4-Bromophenyl-phenylether	16.356	248	8880	3.147	ng	# 1

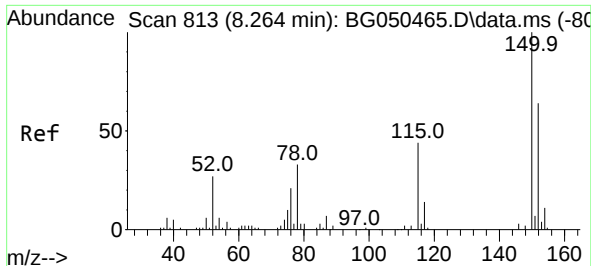
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050490.D
Acq On : 7 Oct 2021 19:45
Operator : CG/JU
Sample : M4113-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Oct 08 05:45:53 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

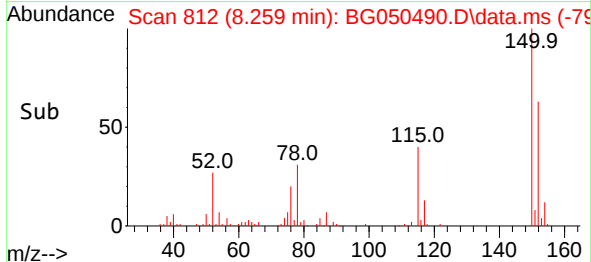
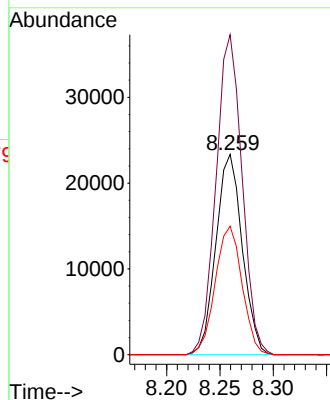
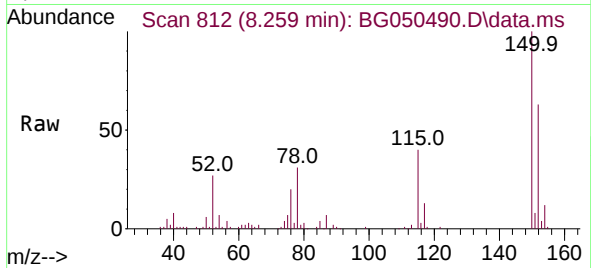




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

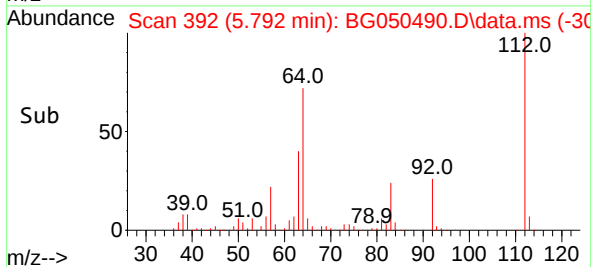
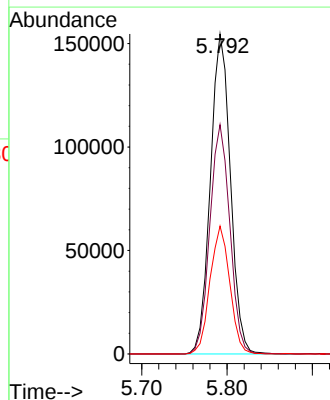
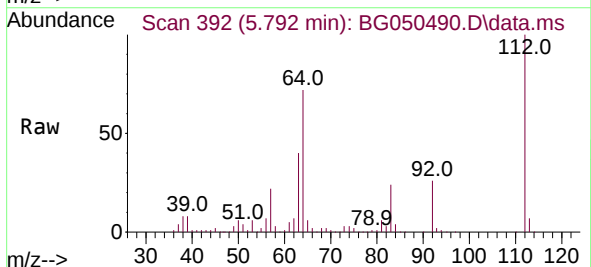
Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 40091
Ion Ratio Lower Upper
152 100
150 159.7 119.4 179.0
115 64.1 60.2 90.4



#5
2-Fluorophenol
Concen: 94.035 ng
RT: 5.792 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

Tgt Ion:112 Resp: 252081
Ion Ratio Lower Upper
112 100
64 71.6 46.7 70.1#
63 39.9 35.3 52.9

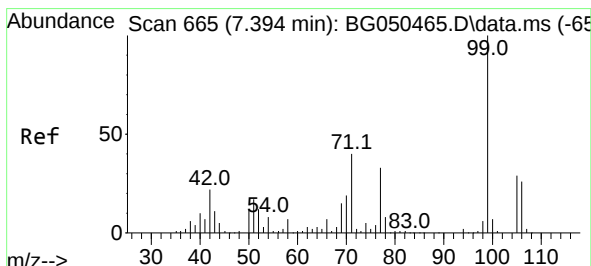
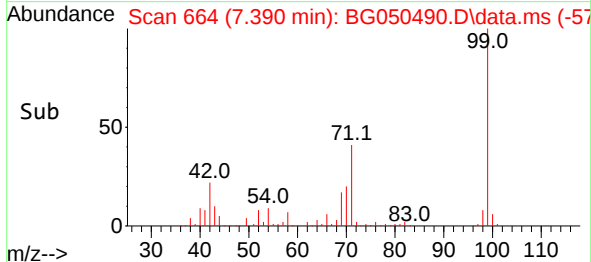
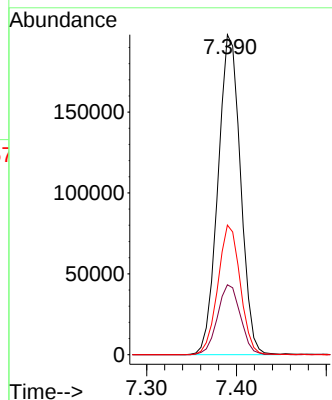
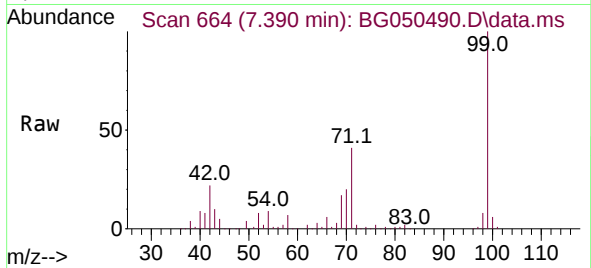




#7
Phenol-d6
Concen: 88.948 ng
RT: 7.390 min Scan# 664
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

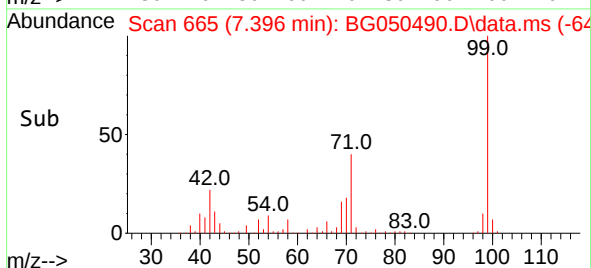
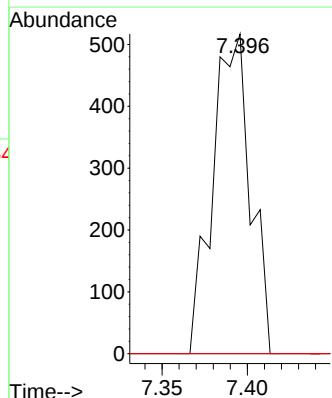
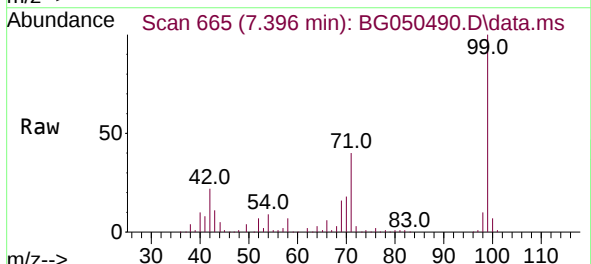
Instrument :
BNA_G
ClientSampleId :
TP-1

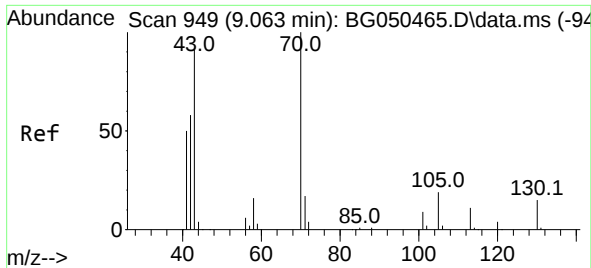
Tgt Ion: 99 Resp: 345224
Ion Ratio Lower Upper
99 100
42 21.8 20.5 30.7
71 40.5 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.396 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

Tgt Ion: 77 Resp: 797
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

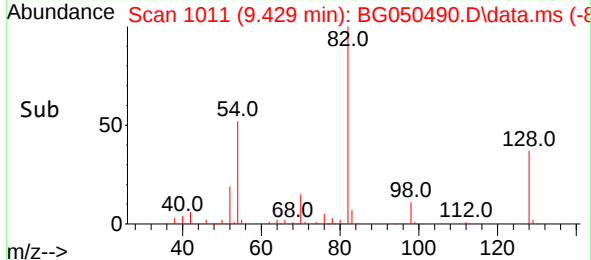
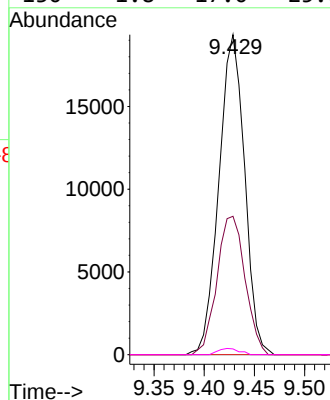
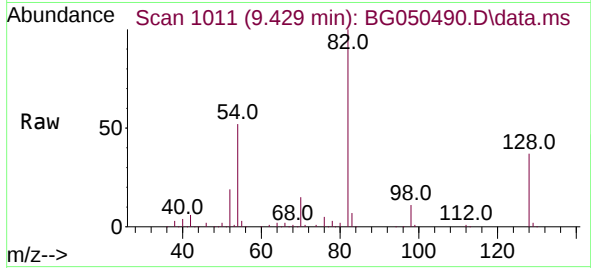




#19
n-Nitroso-di-n-propylamine
Concen: 12.137 ng
RT: 9.429 min Scan# 1011
Delta R.T. 0.366 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

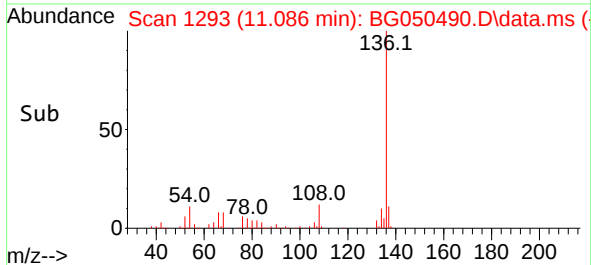
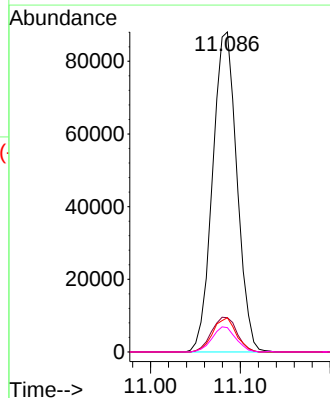
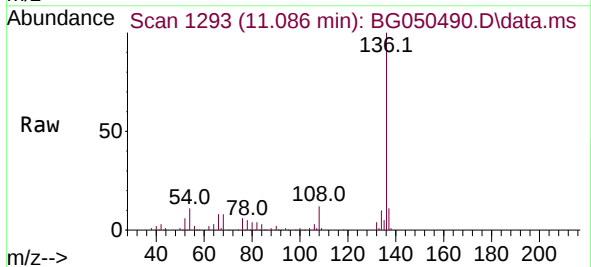
Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:	70	Resp:	34333
Ion	Ratio	Lower	Upper
70	100		
42	43.2	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: 11.086 min Scan# 1293
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

Tgt Ion:	136	Resp:	165824
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	10.7	5.5	8.3#
68	7.6	2.3	3.5#

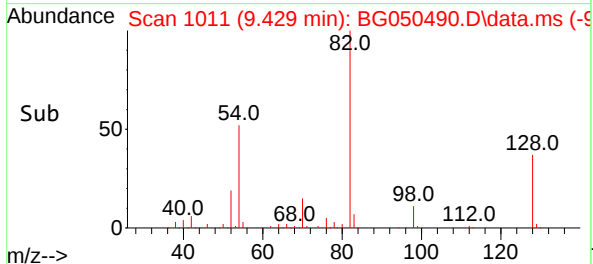
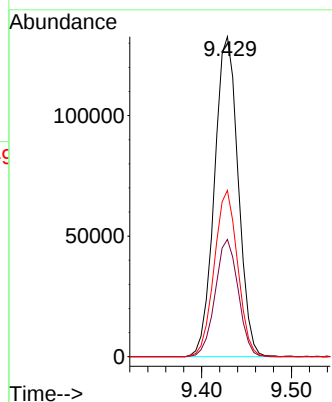
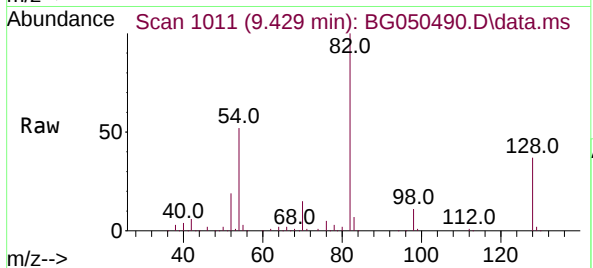




#23
Nitrobenzene-d5
Concen: 60.735 ng
RT: 9.429 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

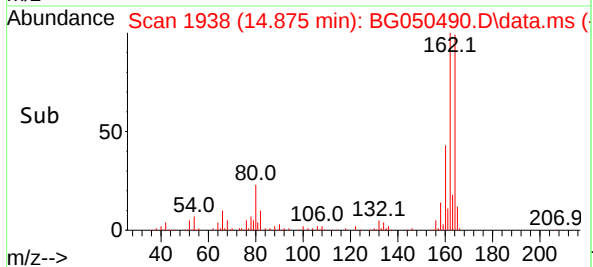
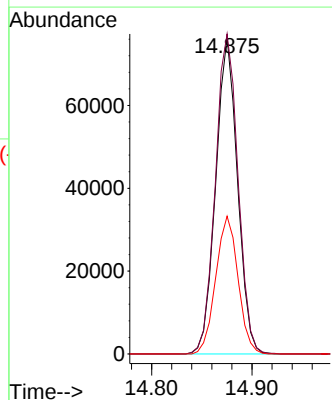
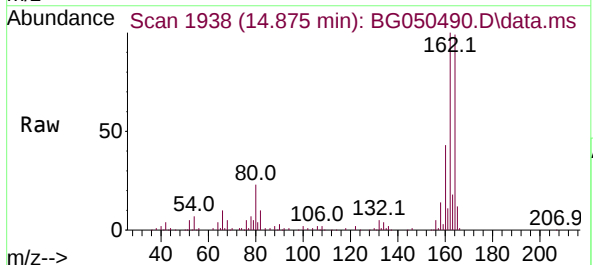
Instrument :
BNA_G
ClientSampled :
TP-1

Tgt Ion: 82 Resp: 243294
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 52.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

Tgt Ion:164 Resp: 114694
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 43.5 34.9 52.3

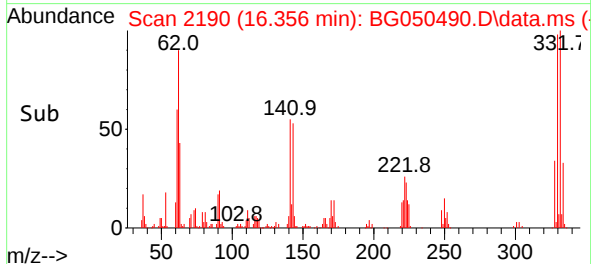
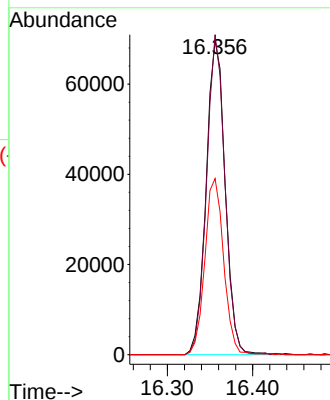
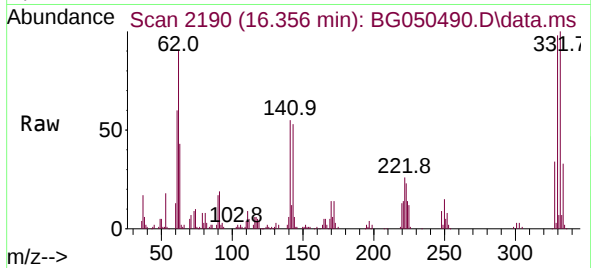




#42
2,4,6-Tribromophenol
Concen: 98.816 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

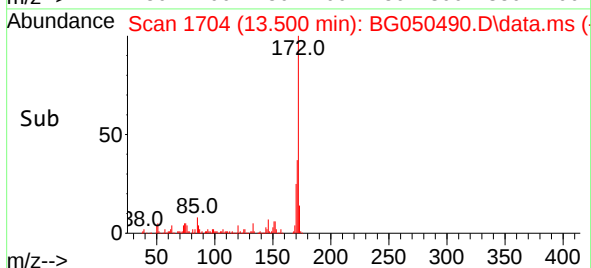
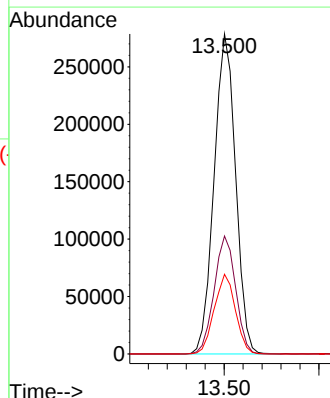
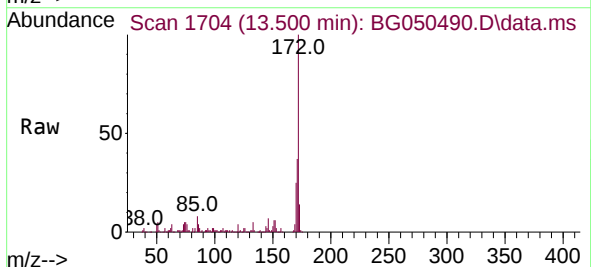
Instrument :
BNA_G
ClientSampleId :
TP-1

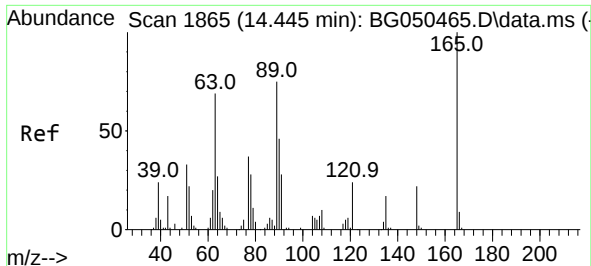
Tgt Ion:330 Resp: 108103
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 55.5 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 57.561 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

Tgt Ion:172 Resp: 438653
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.9 18.6 27.8

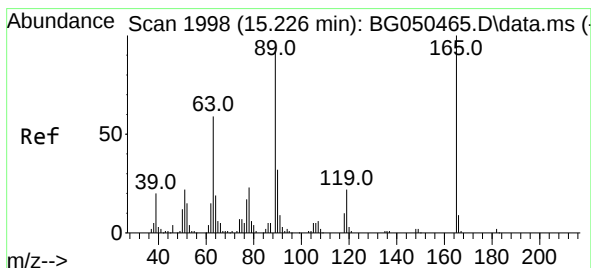
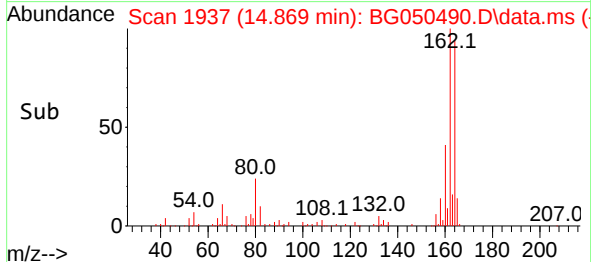
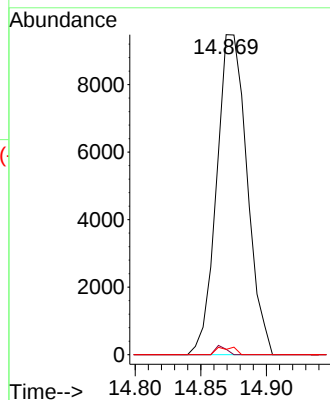
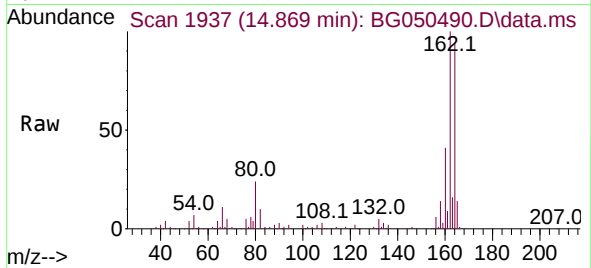




#51
2,6-Dinitrotoluene
Concen: 8.792 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.425 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

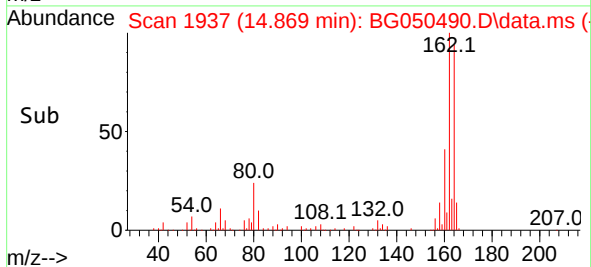
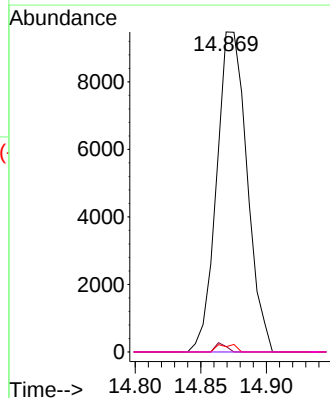
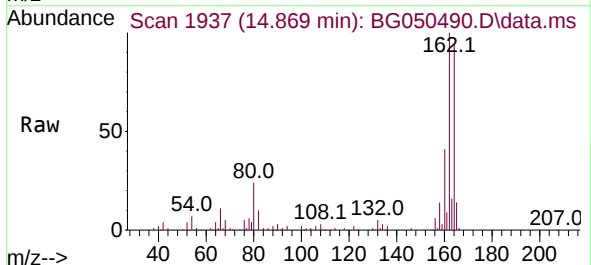
Instrument :
BNA_G
ClientSampled :
TP-1

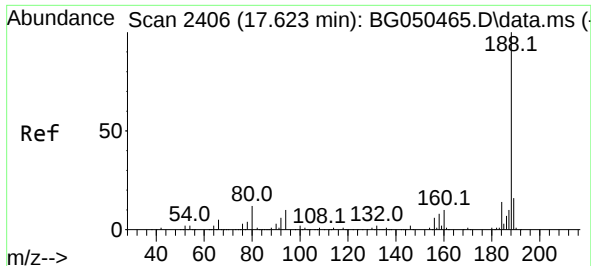
Tgt Ion:165 Resp: 15267
Ion Ratio Lower Upper
165 100
63 1.7 63.3 94.9#
89 1.6 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.238 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.357 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

Tgt Ion:165 Resp: 15267
Ion Ratio Lower Upper
165 100
63 1.7 48.0 72.0#
89 1.6 65.4 98.0#
182 0.0 2.0 3.0#

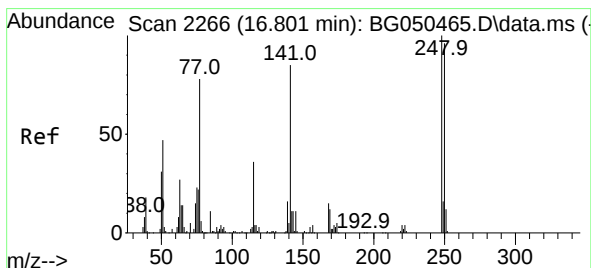
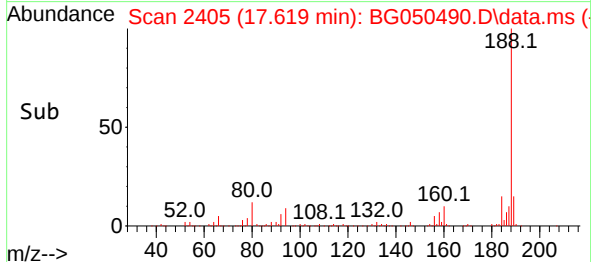
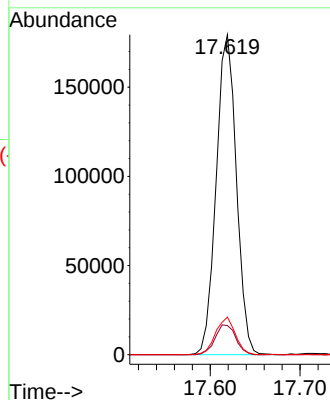
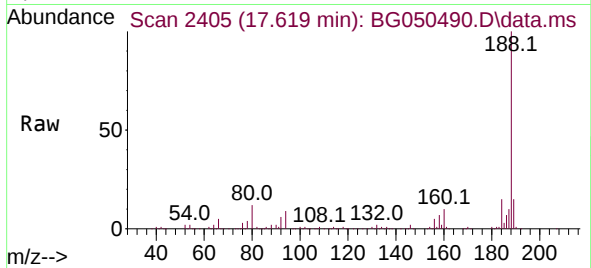




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

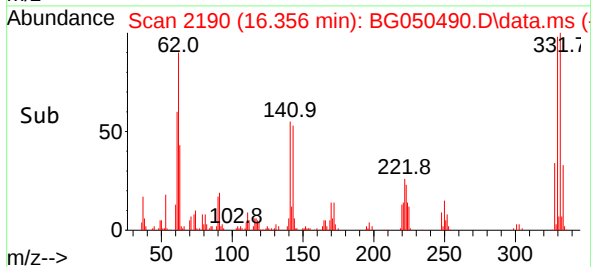
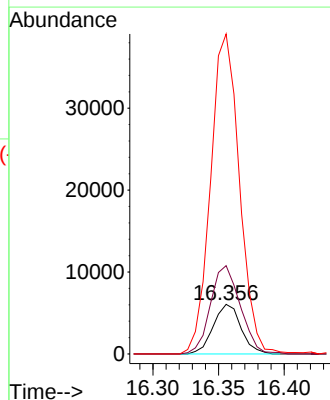
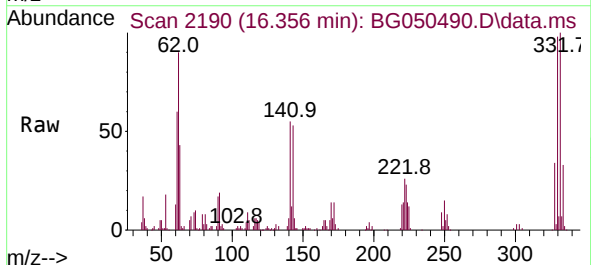
Instrument :
BNA_G
ClientSampled :
TP-1

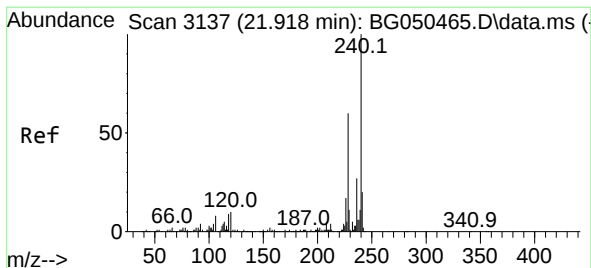
Tgt Ion:188 Resp: 280008
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.7 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.147 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.445 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

Tgt Ion:248 Resp: 8880
Ion Ratio Lower Upper
248 100
250 178.2 76.1 114.1#
141 645.6 65.4 98.2#

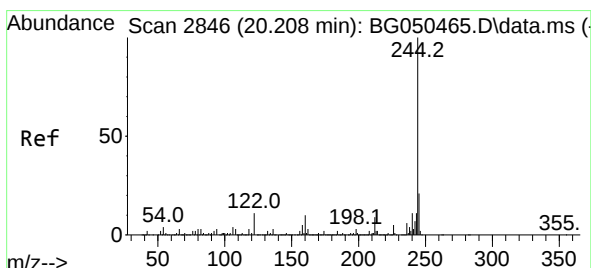
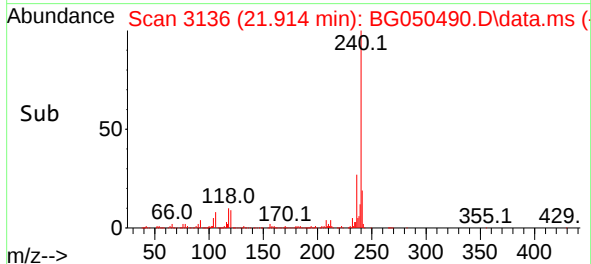
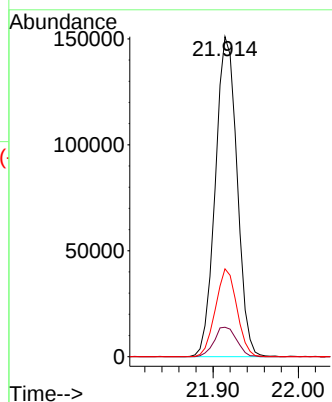
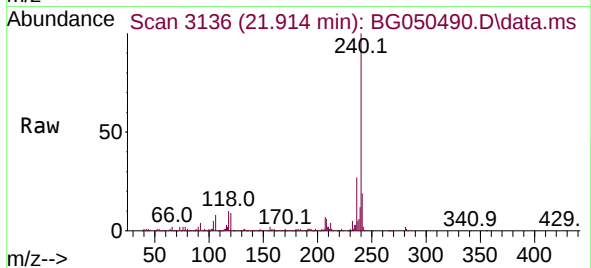




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

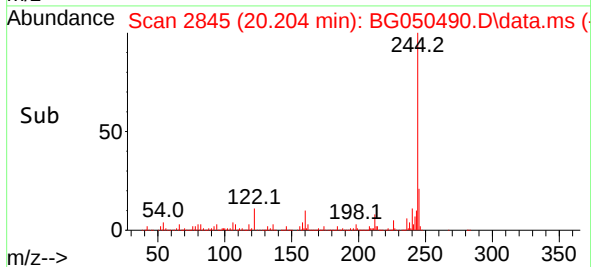
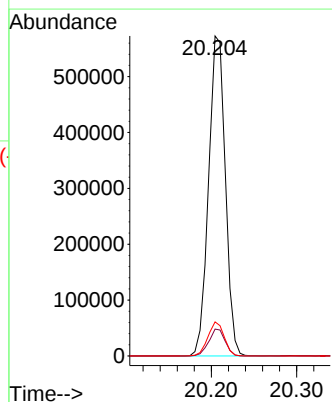
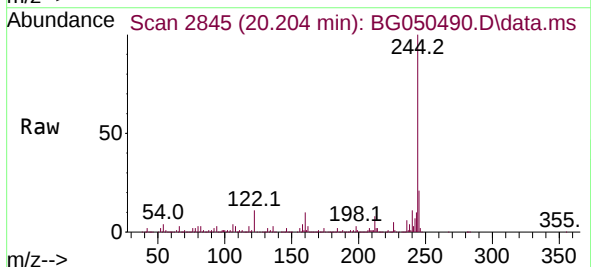
Instrument :
BNA_G
ClientSampled :
TP-1

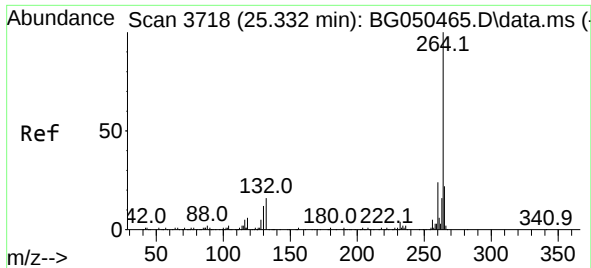
Tgt Ion:240 Resp: 266905
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 27.4 21.8 32.6



#79
Terphenyl-d14
Concen: 57.257 ng
RT: 20.204 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BG050490.D
Acq: 7 Oct 2021 19:45

Tgt Ion:244 Resp: 784174
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 10.7 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.328 min Scan# 3717
 Delta R.T. -0.004 min
 Lab File: BG050490.D
 Acq: 7 Oct 2021 19:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:264	Resp: 262860
Ion Ratio	Lower Upper
264	100
260	23.9 19.4 29.2
265	20.9 16.9 25.3

